

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119442.D
 Acq On : 19 Mar 2020 16:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 19 19:00:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	277019	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1015112	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	510076	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	976675	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	751190	20.00	ng	0.00
87) Perylene-d12	15.49	264	753605	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1495965	85.97	ng	0.00
7) Phenol-d6	6.47	99	1925245	86.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1542977	82.61	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	488327	92.80	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2913609	84.62	ng	0.00
79) Terphenyl-d14	12.97	244	3126518	81.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	358542	41.717	ng	99
3) Pyridine	3.32	79	981893	41.469	ng	96
4) n-Nitrosodimethylamine	3.27	42	459921	39.832	ng	91
6) Aniline	6.51	93	1323047	43.124	ng	99
8) 2-Chlorophenol	6.63	128	802006	43.881	ng	100
9) Benzaldehyde	6.40	77	594974	42.192	ng	100
10) Phenol	6.49	94	1035648	43.663	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	818899	43.167	ng	98
12) 1,3-Dichlorobenzene	6.79	146	870007	43.982	ng	99
13) 1,4-Dichlorobenzene	6.87	146	872086	44.076	ng	100
14) 1,2-Dichlorobenzene	7.02	146	827098	44.723	ng	98
15) Benzyl Alcohol	6.99	79	722542	43.210	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1600436	41.825	ng	99
17) 2-Methylphenol	7.10	107	723502	43.205	ng	98
18) Hexachloroethane	7.37	117	315343	43.490	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	567817	42.378	ng	97
20) 3+4-Methylphenols	7.25	107	898685	43.790	ng	99
22) Acetophenone	7.26	105	1049764	43.279	ng	100
24) Nitrobenzene	7.43	77	826870	41.424	ng	99
25) Isophorone	7.67	82	1586861	41.882	ng	99
26) 2-Nitrophenol	7.75	139	324795	41.326	ng	96
27) 2,4-Dimethylphenol	7.79	122	694810	42.754	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	975185	43.525	ng	100
29) 2,4-Dichlorophenol	7.99	162	657281	44.017	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	731799	44.314	ng	98
31) Naphthalene	8.16	128	2286914	43.778	ng	99
32) Benzoic acid	7.89	122	429020	41.040	ng	98
33) 4-Chloroaniline	8.20	127	1028122	42.952	ng	99
34) Hexachlorobutadiene	8.28	225	419563	45.410	ng	98
35) Caprolactam	8.57	113	208501	42.664	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	696416	42.671	ng	99
37) 2-Methylnaphthalene	8.85	142	1505742	43.920	ng	99
38) 1-Methylnaphthalene	8.95	142	1417216	43.673	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	661798	44.265	ng	99

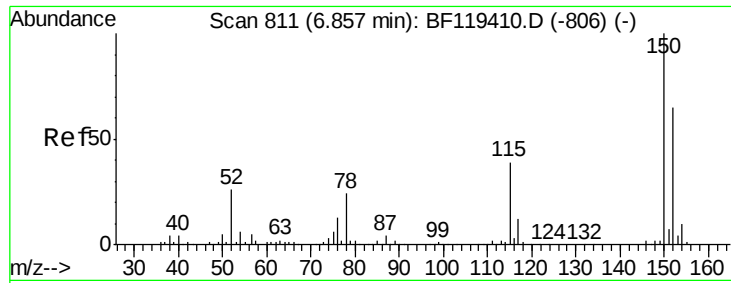
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	367061	43.185	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	464370	43.403	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	524628	43.772	nq	98
46) 1,1'-Biphenyl	9.32	154	1836037	44.196	nq	100
47) 2-Chloronaphthalene	9.34	162	1441041	44.284	nq	99
48) 2-Nitroaniline	9.43	65	467821	41.651	nq	98
49) Acenaphthylene	9.76	152	2226464	43.569	nq	100
50) Dimethylphthalate	9.62	163	1595333	44.032	nq	99
51) 2,6-Dinitrotoluene	9.67	165	318776	41.048	nq	98
52) Acenaphthene	9.93	154	1410115	44.263	nq	98
53) 3-Nitroaniline	9.85	138	409681	41.786	nq	98
54) 2,4-Dinitrophenol	9.95	184	138181	44.656	nq	95
55) Dibenzofuran	10.10	168	2000956	43.808	nq	99
56) 4-Nitrophenol	9.99	139	328936	42.529	nq	96
57) 2,4-Dinitrotoluene	10.08	165	405094	41.408	nq	98
58) Fluorene	10.45	166	1483388	43.918	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	397963	44.421	nq	98
60) Diethylphthalate	10.32	149	1655349	45.016	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	751782	45.515	nq	96
62) 4-Nitroaniline	10.46	138	418449	44.508	nq	97
63) Azobenzene	10.60	77	1598524	43.168	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	164568	40.183	nq	97
66) n-Nitrosodiphenylamine	10.56	169	1380431	43.054	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	486042	43.697	nq	99
68) Hexachlorobenzene	10.99	284	512860	45.050	nq	99
69) Atrazine	11.08	200	365957	41.633	nq	100
70) Pentachlorophenol	11.18	266	301985	45.240	nq	97
71) Phenanthrene	11.41	178	2206415	43.568	nq	99
72) Anthracene	11.46	178	2232241	43.369	nq	100
73) Carbazole	11.61	167	2236287	43.895	nq	99
74) Di-n-butylphthalate	11.95	149	2501696	45.904	nq	100
75) Fluoranthene	12.60	202	2411113	43.992	nq	99
77) Benzidine	12.72	184	1294213	40.711	nq	99
78) Pyrene	12.83	202	2505703	40.644	nq	99
80) Butylbenzylphthalate	13.45	149	1096755	43.986	nq	100
81) Benzo(a)anthracene	14.02	228	2097906	42.947	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	850728	44.170	nq	98
83) Chrysene	14.06	228	2117335	41.999	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1352416	45.499	nq	# 99
85) Di-n-octyl phthalate	14.63	149	2491316	47.657	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1970488	41.501	nq	99
88) Benzo(b)fluoranthene	15.07	252	2155432	42.817	nq	99
89) Benzo(k)fluoranthene	15.10	252	2109990	44.018	nq	99
90) Benzo(a)pyrene	15.43	252	1997374	43.659	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1591860	39.782	nq	98
92) Benzo(g,h,i)perylene	17.41	276	1517960	37.760	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

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SSTDCCC040

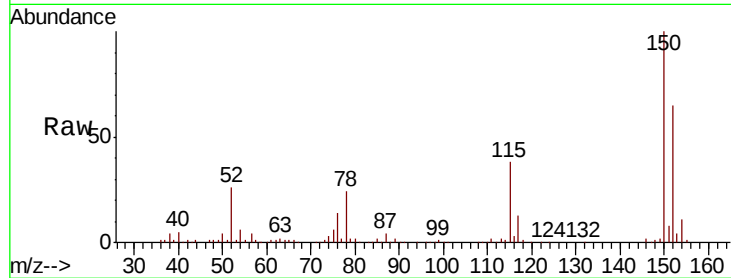
Tot Ion:152 Resp: 277019

Ion Ratio Lower Upper

152 100

150 154.4 123.9 185.9

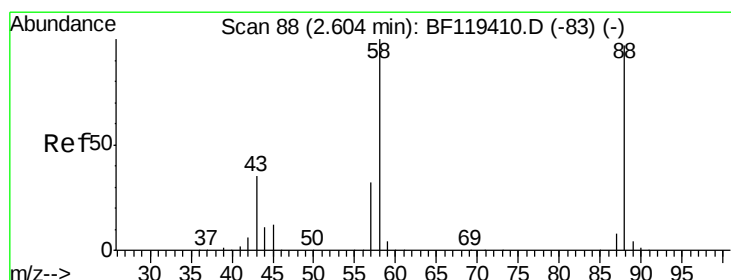
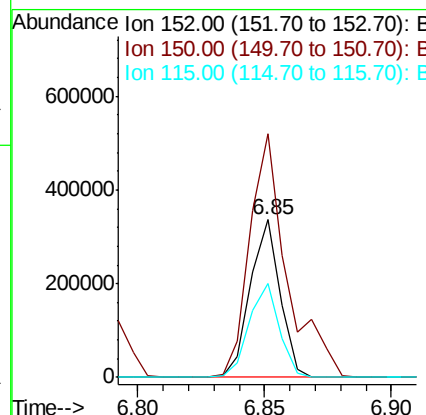
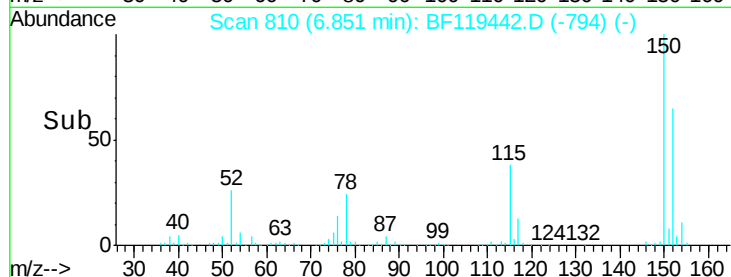
115 59.4 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.717 ng

RT: 2.57 min Scan# 83

Delta R.T. -0.03 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

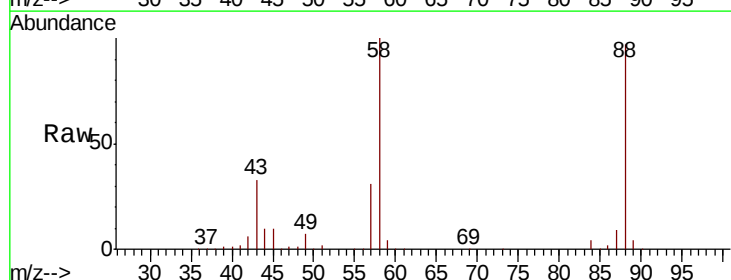
Tgt Ion: 88 Resp: 358542

Ion Ratio Lower Upper

88 100

58 98.9 79.4 119.2

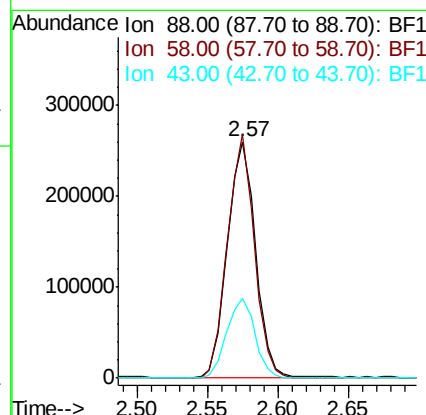
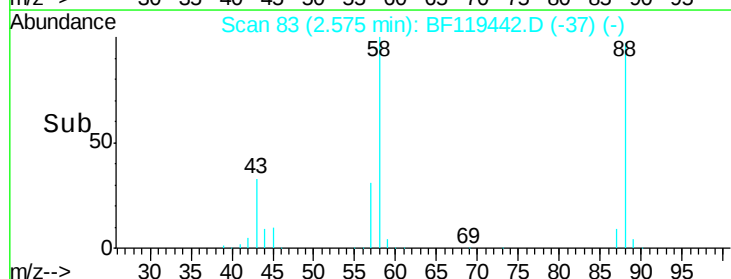
43 34.4 28.4 42.6

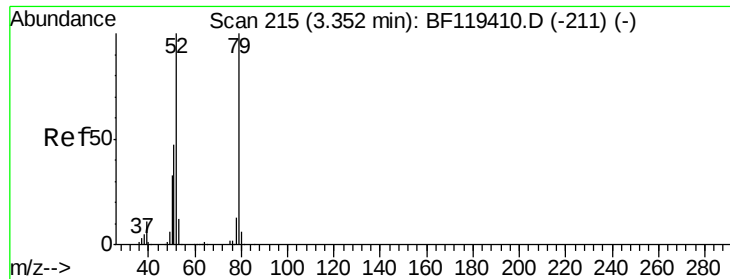


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.469 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.03 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

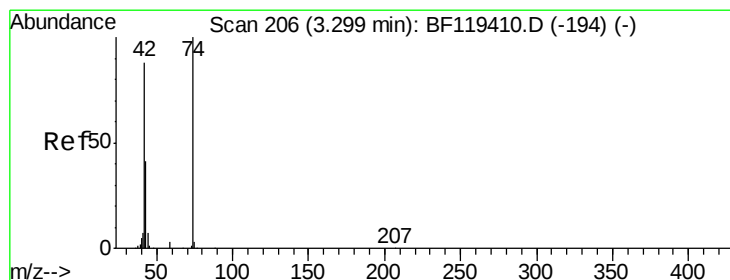
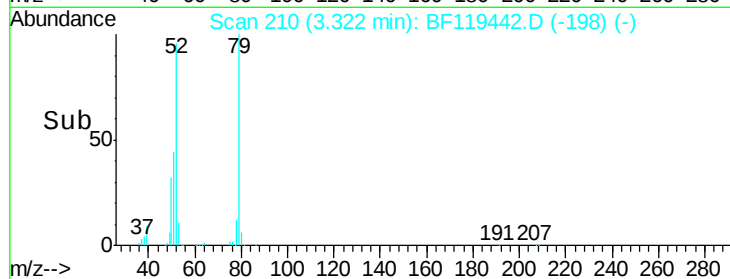
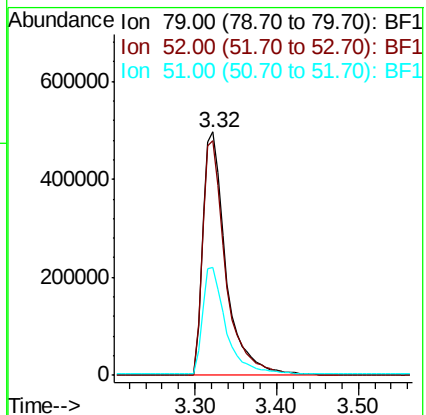
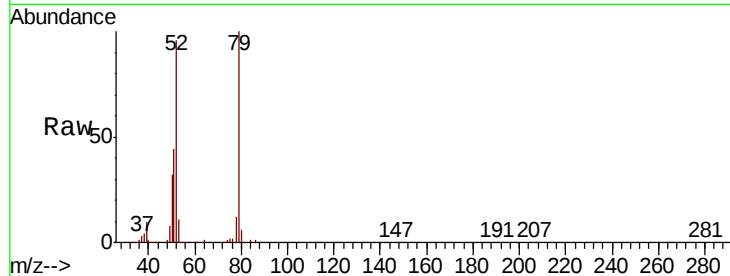
Tot Ion: 79 Resp: 981893

Ion Ratio Lower Upper

79 100

52 96.5 80.0 120.0

51 44.2 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 39.832 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.03 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

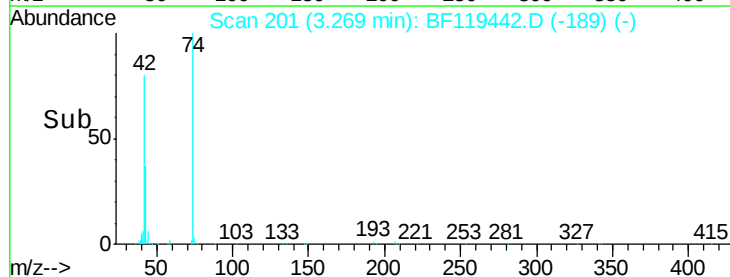
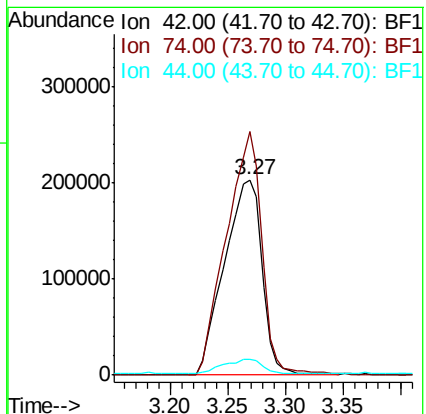
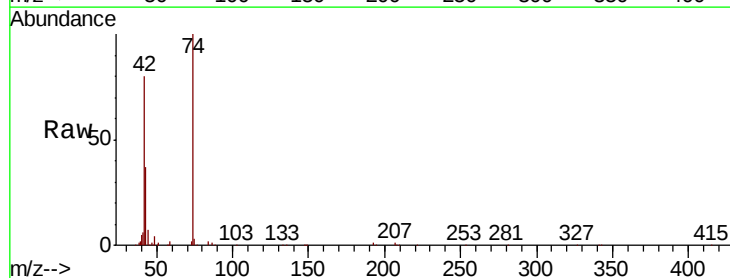
Tgt Ion: 42 Resp: 459921

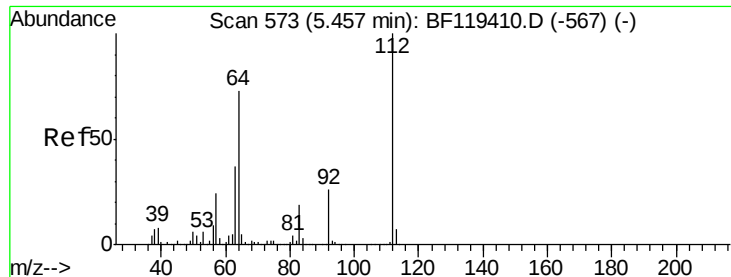
Ion Ratio Lower Upper

42 100

74 124.7 91.3 136.9

44 8.4 7.1 10.7





#5

2-Fluorophenol

Concen: 85.966 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

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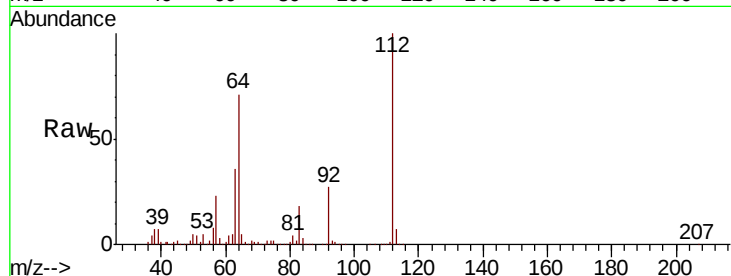
Tot Ion:112 Resp: 1495965

Ion Ratio Lower Upper

112 100

64 71.1 58.1 87.1

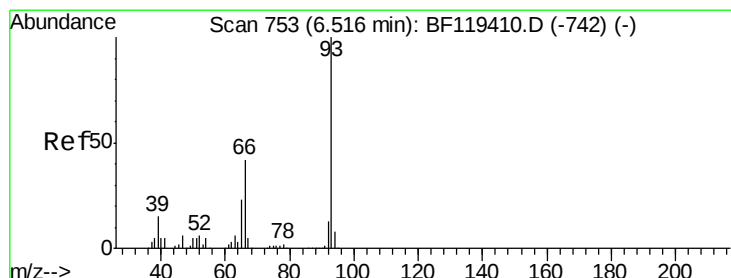
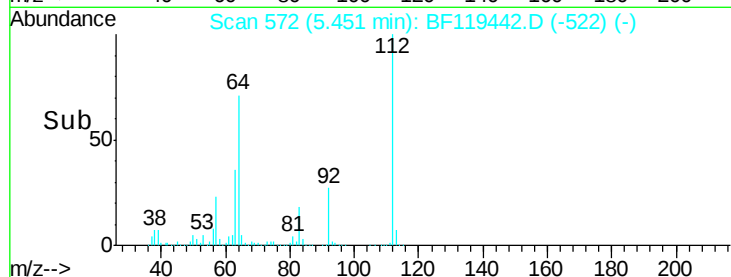
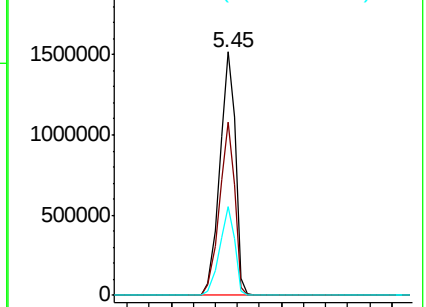
63 36.5 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.124 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

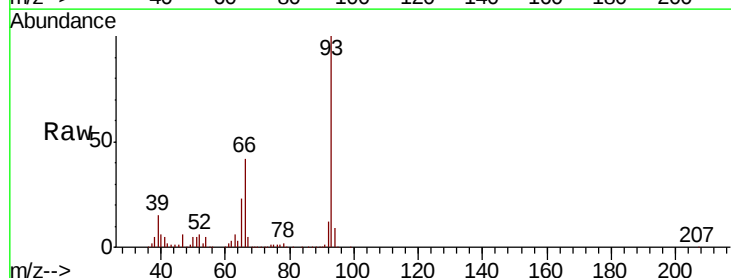
Tgt Ion: 93 Resp: 1323047

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

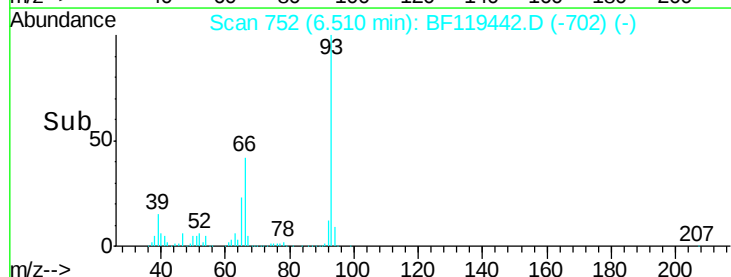
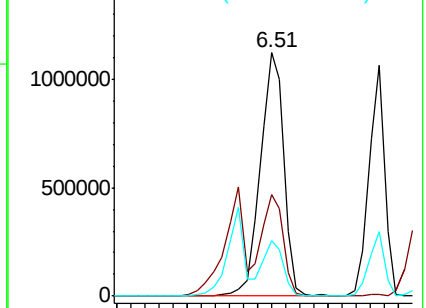
65 23.0 18.2 27.4

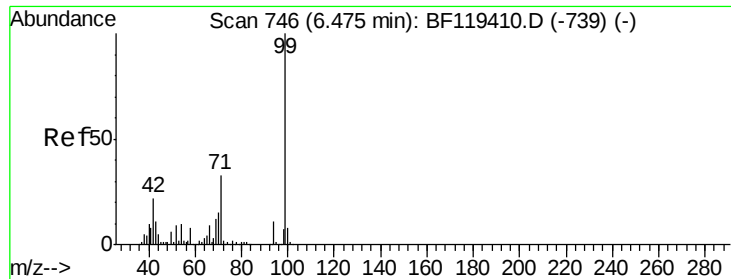


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.608 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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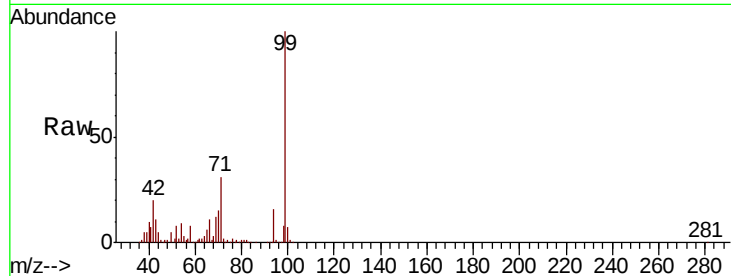
Tot Ion: 99 Resp: 1925245

Ion Ratio Lower Upper

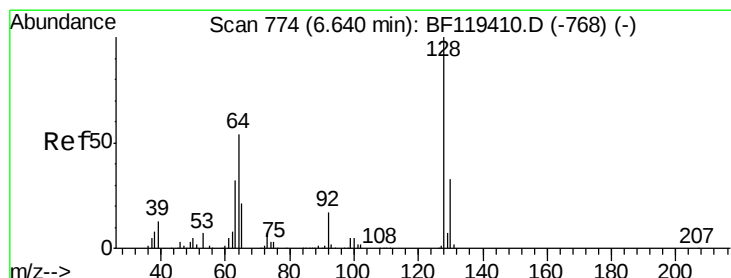
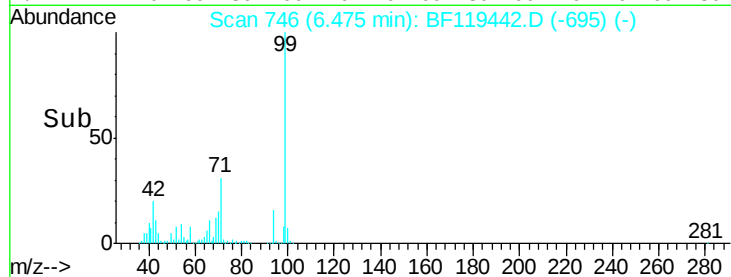
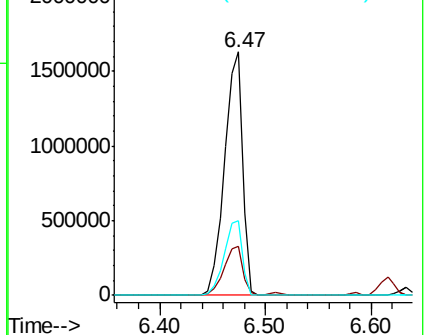
99 100

42 20.0 17.8 26.6

71 30.9 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.881 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

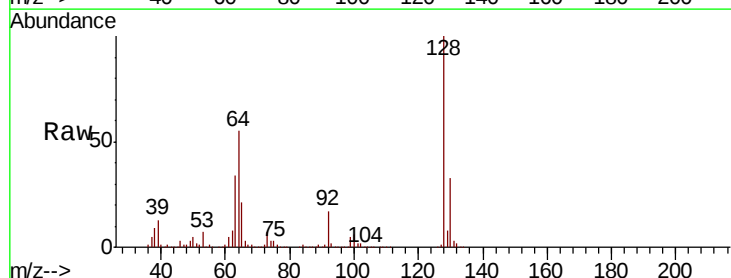
Tgt Ion: 128 Resp: 802006

Ion Ratio Lower Upper

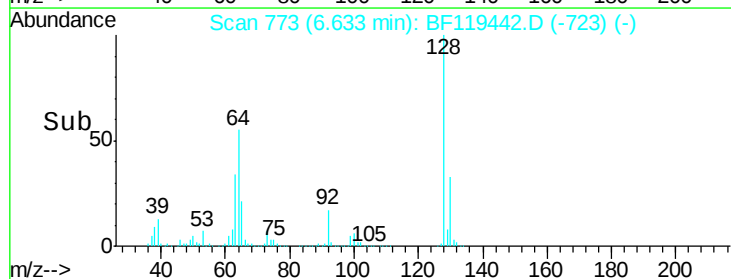
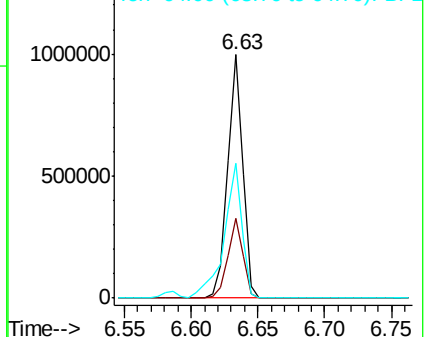
128 100

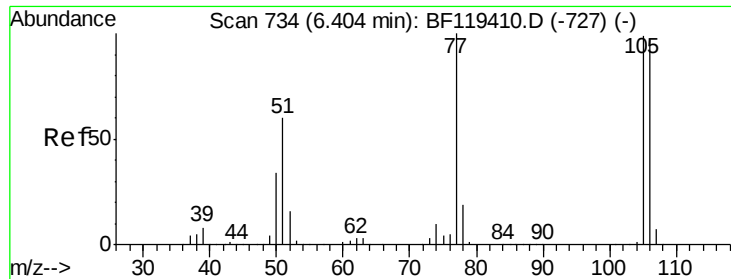
130 33.0 13.0 53.0

64 55.5 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.192 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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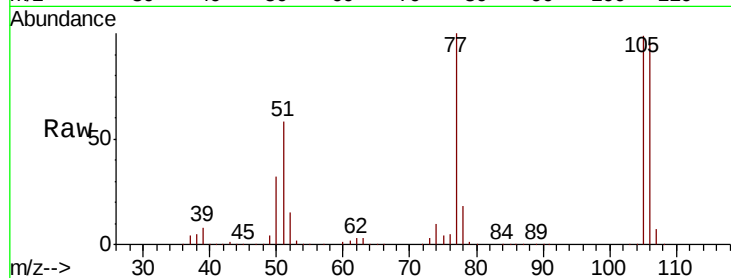
Tot Ion: 77 Resp: 594974

Ion Ratio Lower Upper

77 100

105 98.7 78.6 118.6

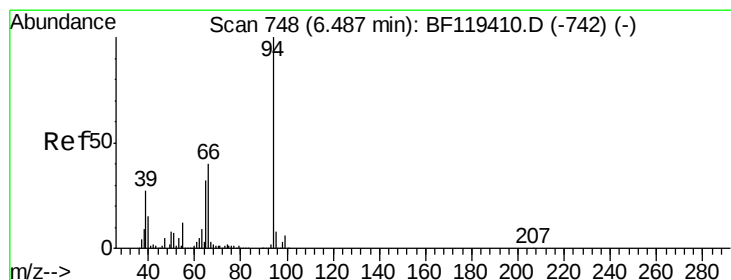
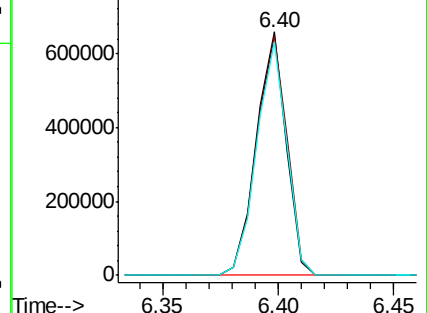
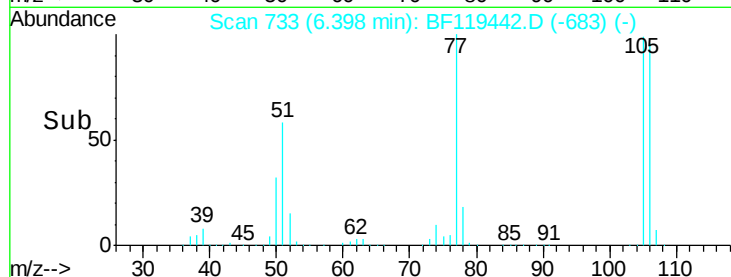
106 95.8 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.663 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

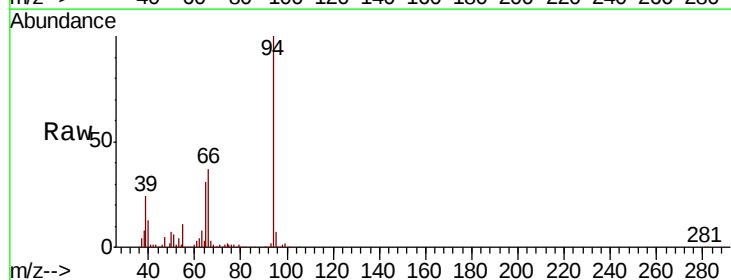
Tgt Ion: 94 Resp: 1035648

Ion Ratio Lower Upper

94 100

65 30.5 12.0 52.0

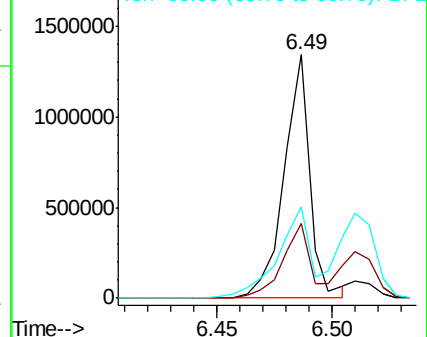
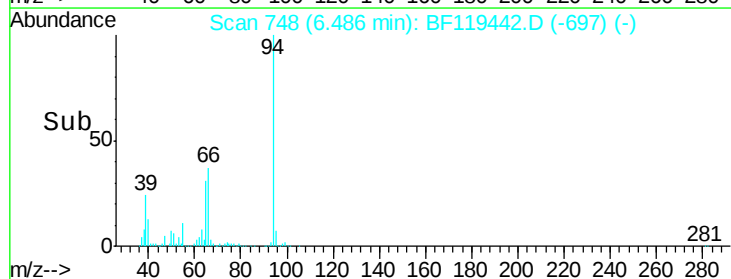
66 37.3 20.6 60.6

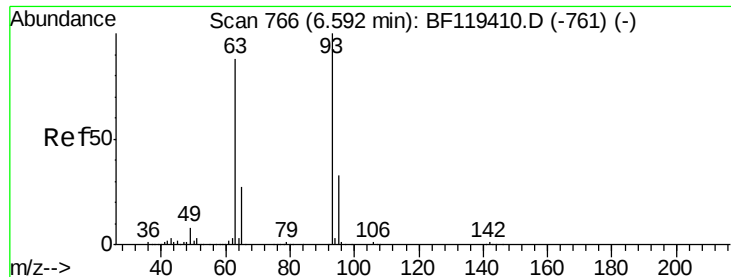


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.167 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

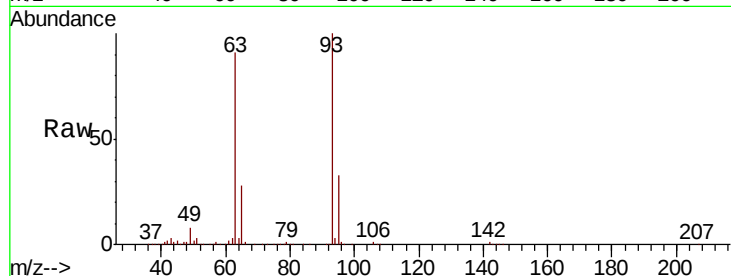
Tot Ion: 93 Resp: 818899

Ion Ratio Lower Upper

93 100

63 91.0 68.4 108.4

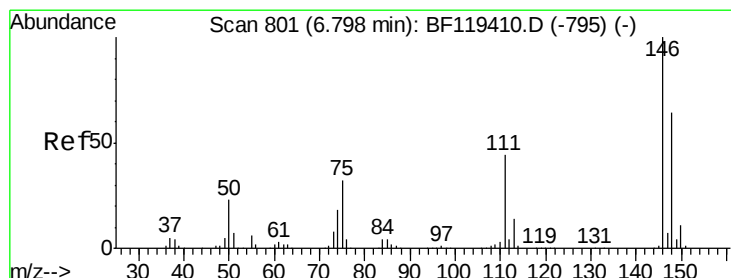
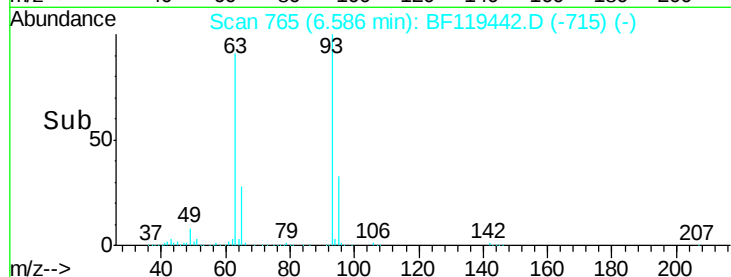
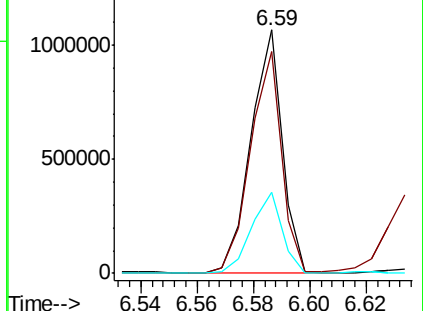
95 33.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.982 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

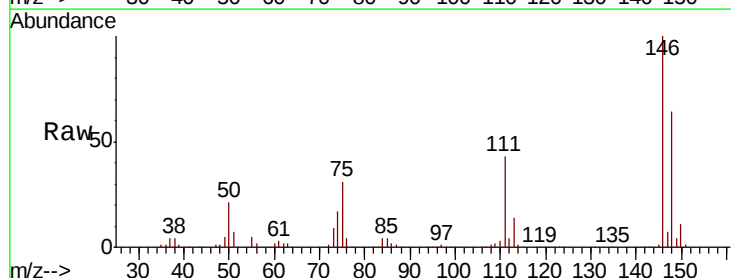
Tgt Ion: 146 Resp: 870007

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

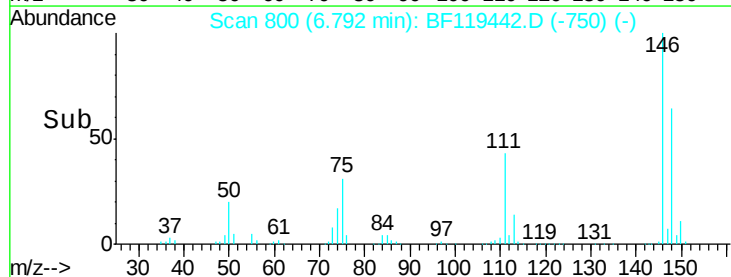
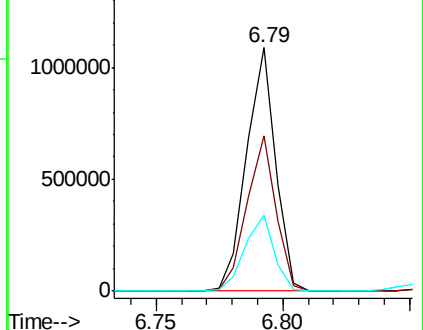
75 31.1 25.8 38.8

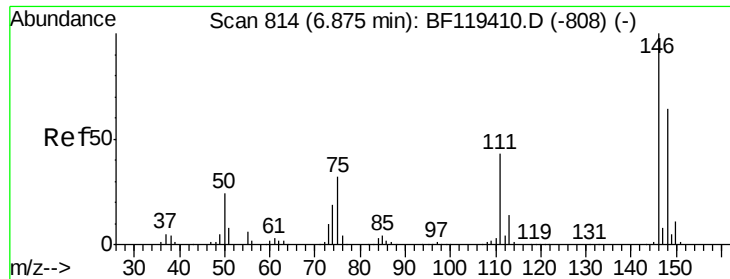


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

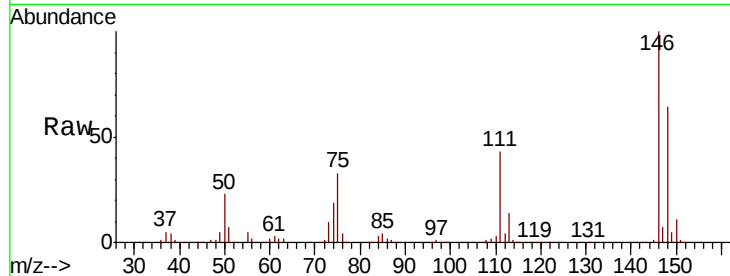




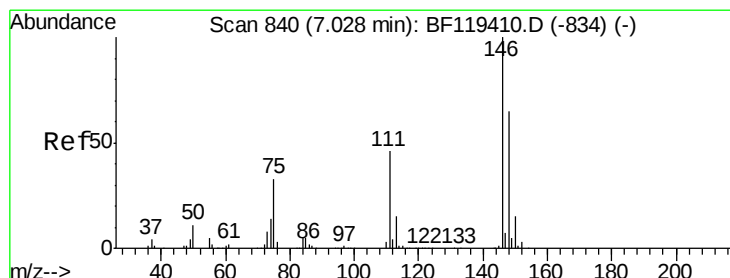
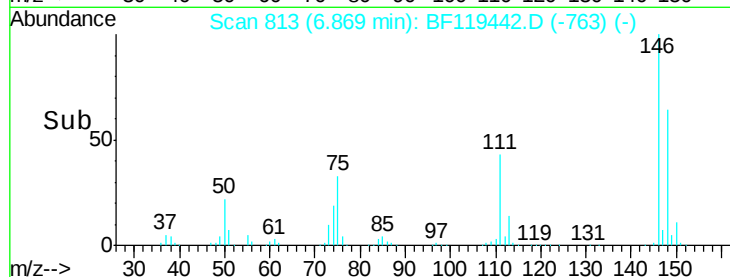
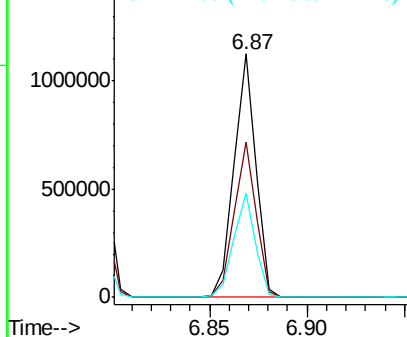
#13
 1,4-Dichlorobenzene
 Concen: 44.076 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	42.9	34.6	52.0

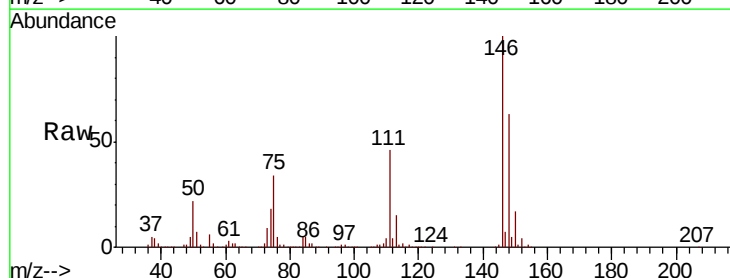


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

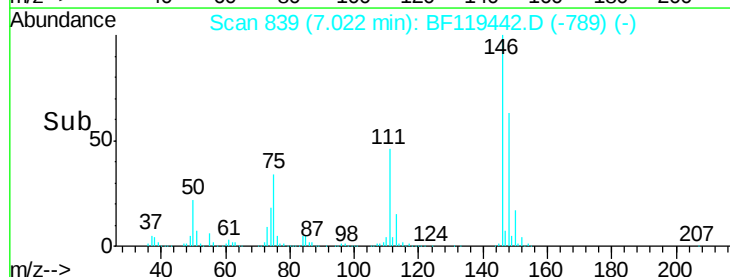
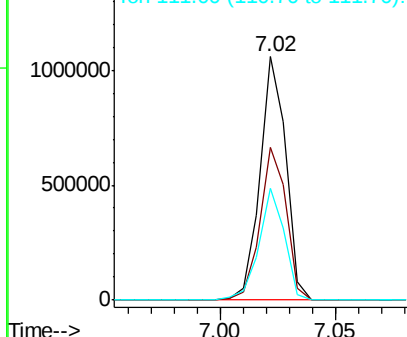


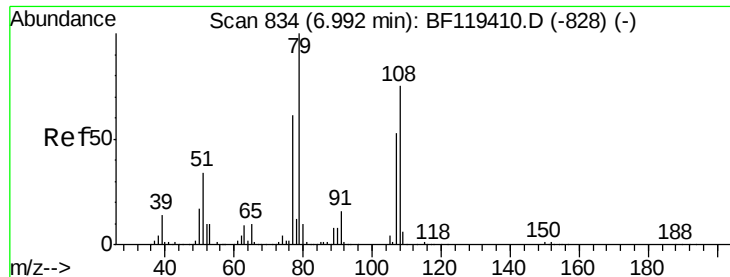
#14
 1,2-Dichlorobenzene
 Concen: 44.723 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.7	77.5
111	46.1	36.4	54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.210 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

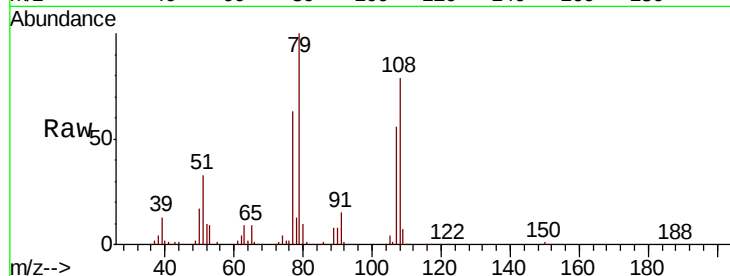
Tot Ion: 79 Resp: 722542

Ion Ratio Lower Upper

79 100

108 79.3 60.4 90.6

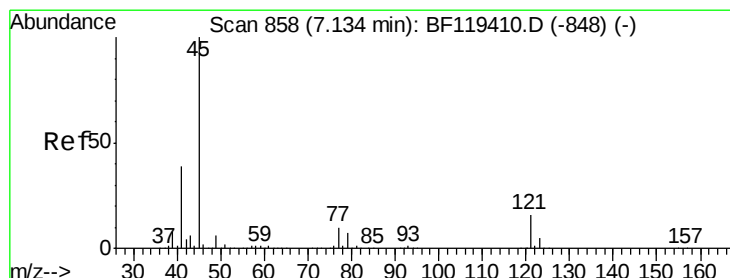
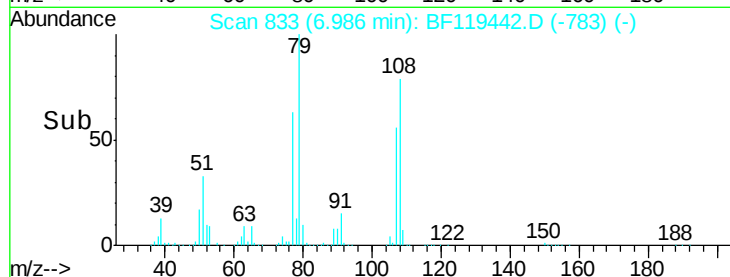
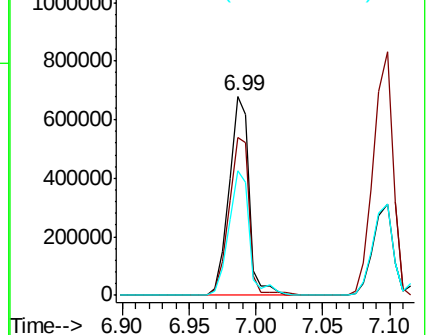
77 62.8 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.825 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

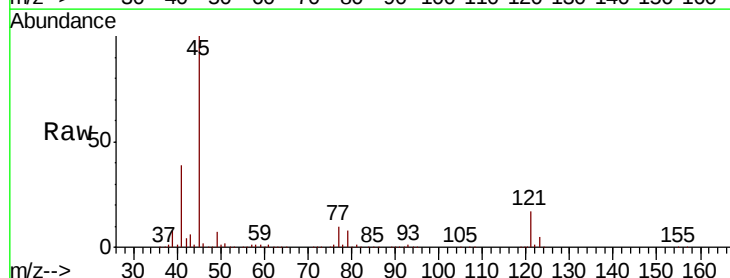
Tgt Ion: 45 Resp: 1600436

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.1

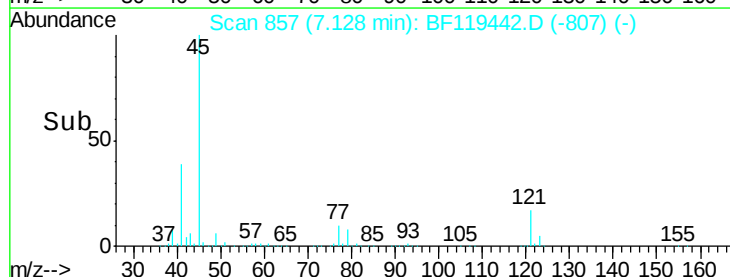
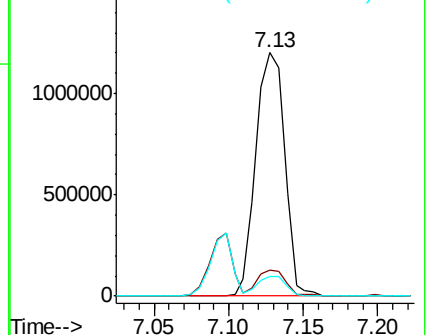
79 7.9 0.0 27.4

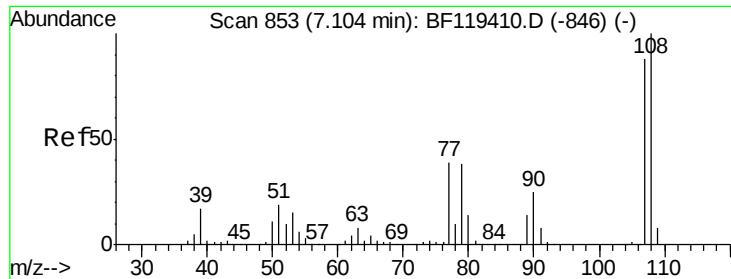


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

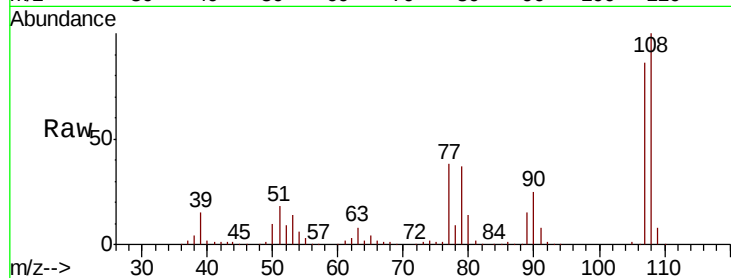




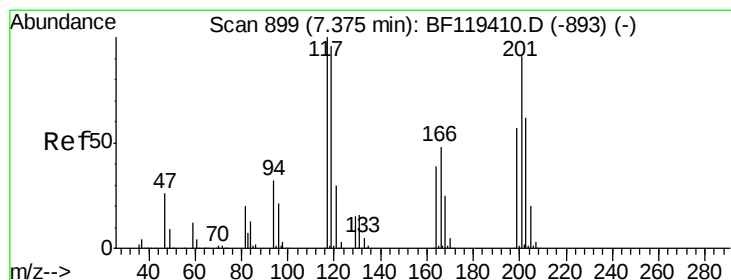
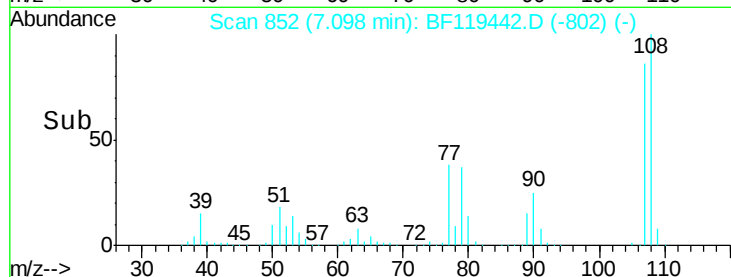
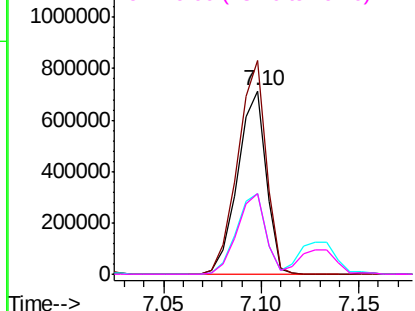
#17
2-Methylphenol
Concen: 43.205 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	723502
Ion	Ratio	Lower	Upper
107	100		
108	116.4	90.7	136.1
77	44.0	35.6	53.4
79	43.7	34.7	52.1

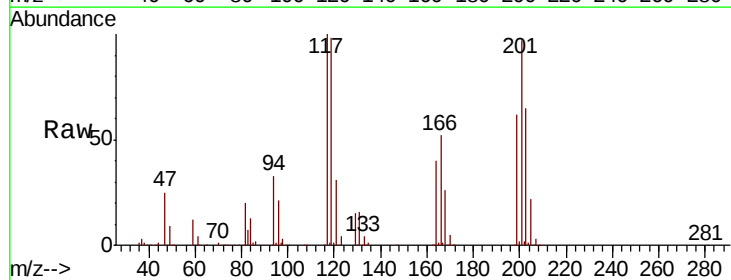


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

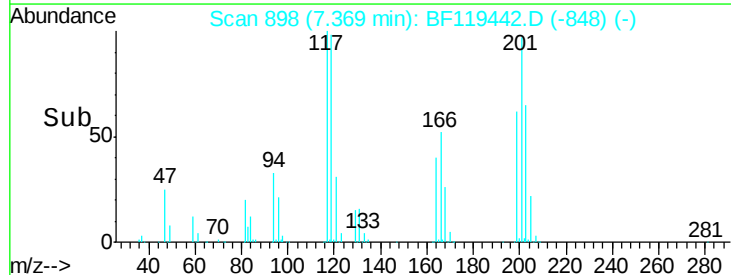
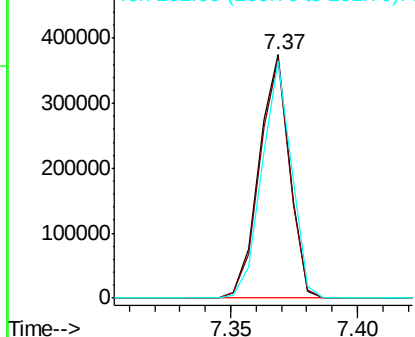


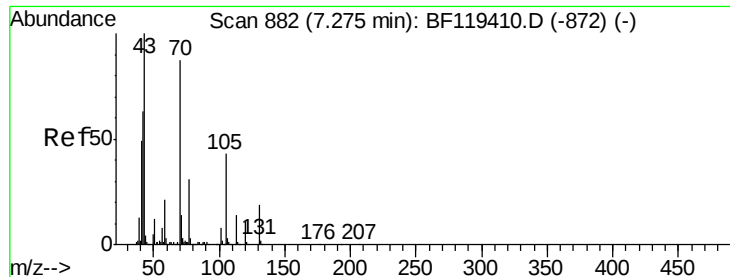
#18
Hexachloroethane
Concen: 43.490 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:	117	Resp:	315343
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.8	115.2
201	97.2	72.5	108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

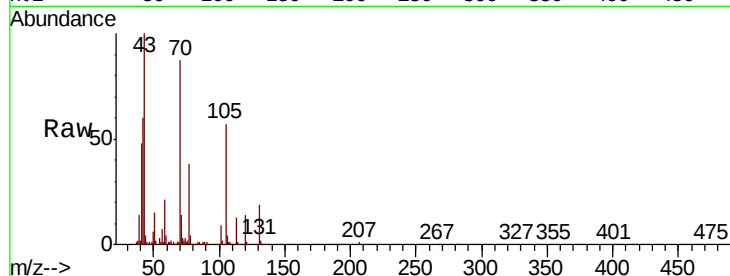




#19
n-Nitroso-di-n-propylamine
Concen: 42.378 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	567817
Ion	Ratio	Lower	Upper
70	100		
42	69.0	58.2	87.4
101	10.1	7.4	11.2
130	22.4	17.8	26.8



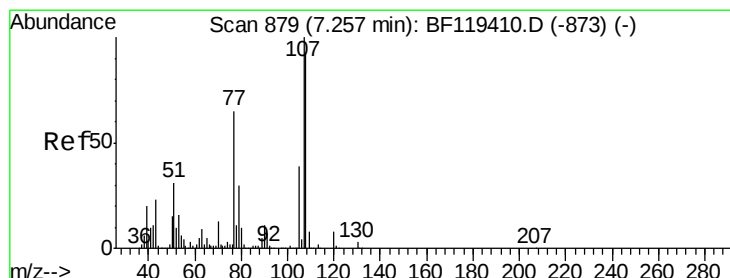
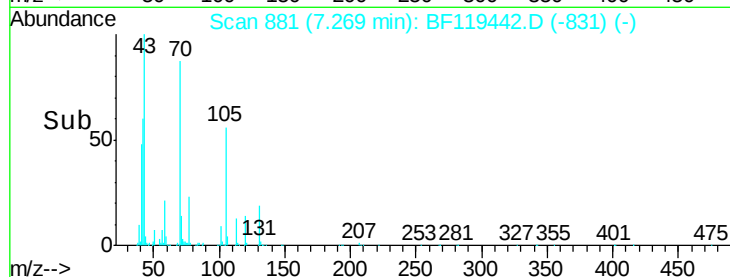
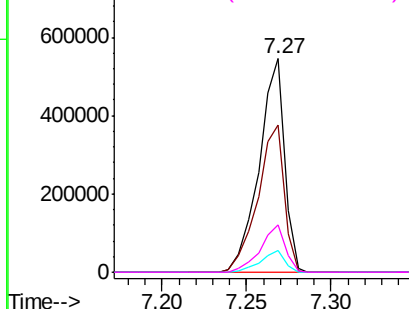
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

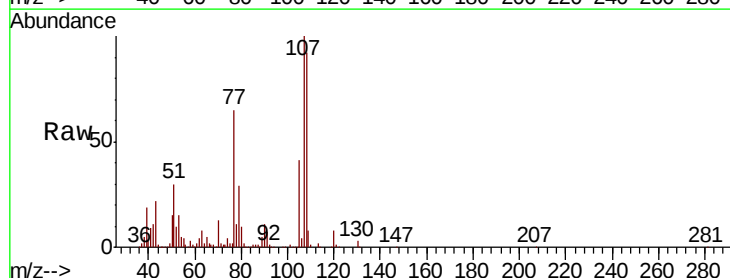
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.790 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:	107	Resp:	898685
Ion	Ratio	Lower	Upper
107	100		
108	91.6	72.6	112.6
77	64.7	44.7	84.7
79	29.1	10.2	50.2



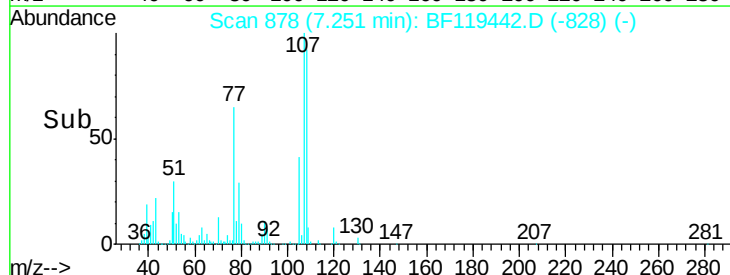
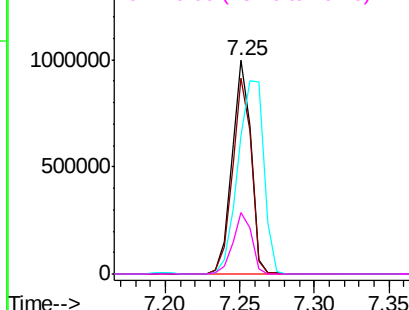
Abundance

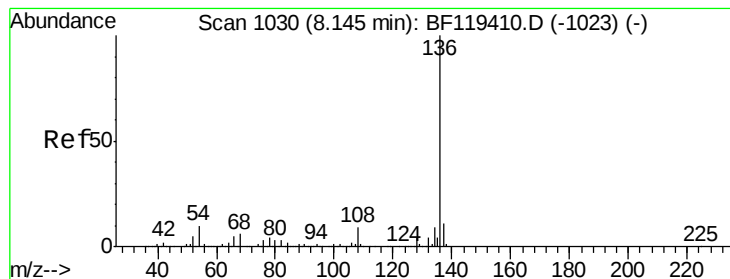
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1015112

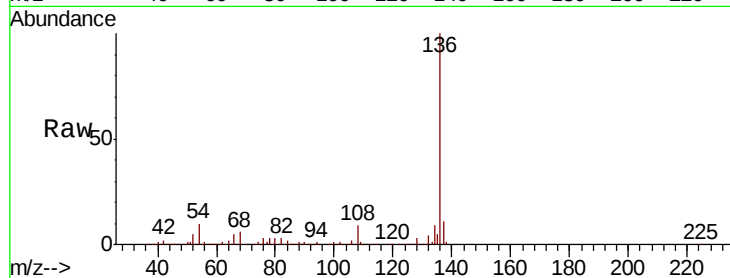
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.0 8.3 12.5

68 5.7 4.9 7.3

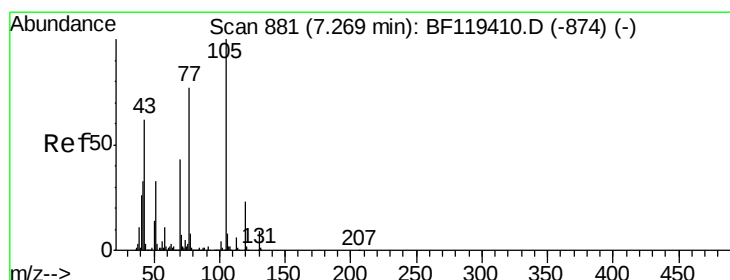
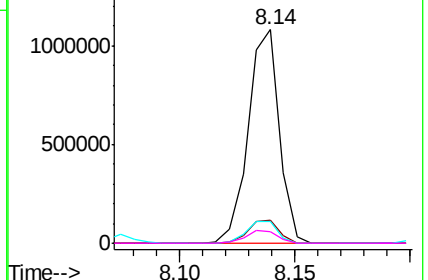
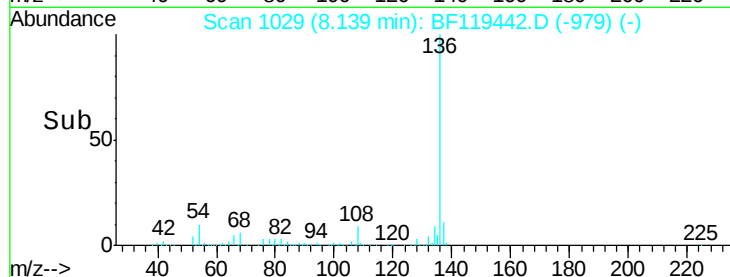


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.279 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Tgt Ion:105 Resp: 1049764

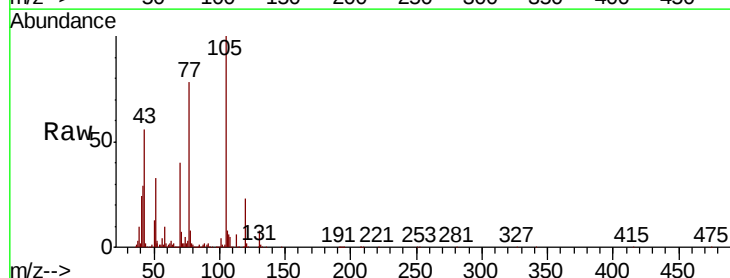
Ion Ratio Lower Upper

105 100

71 7.0 5.8 8.6

51 33.2 26.8 40.2

120 22.6 18.0 27.0

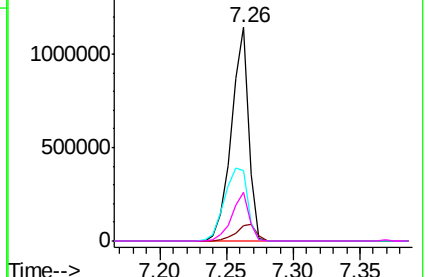
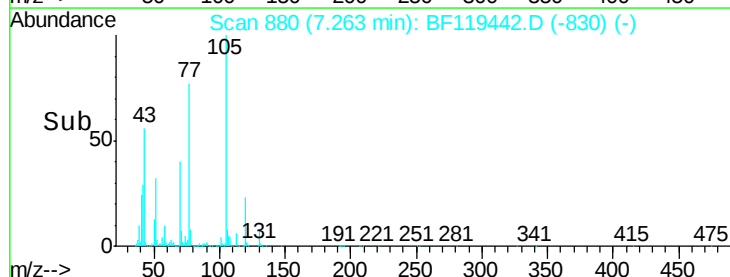


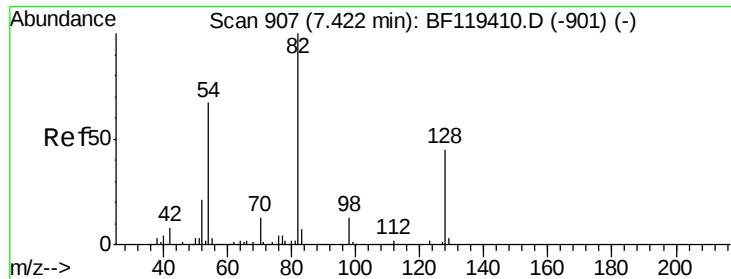
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

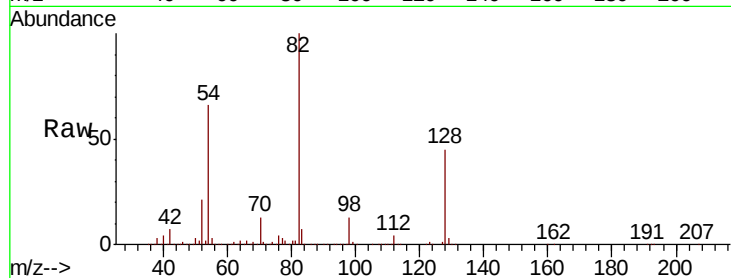




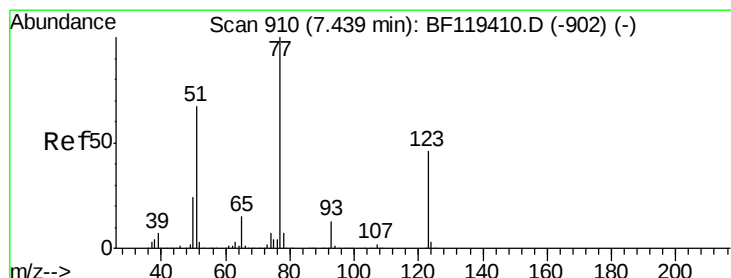
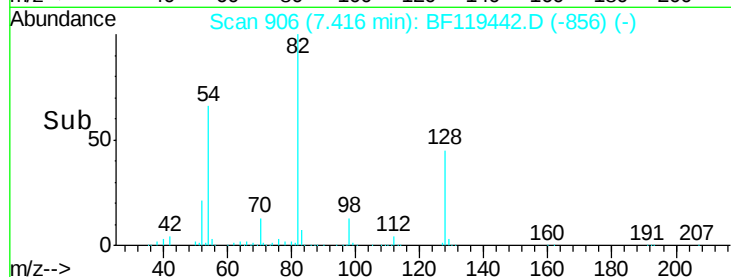
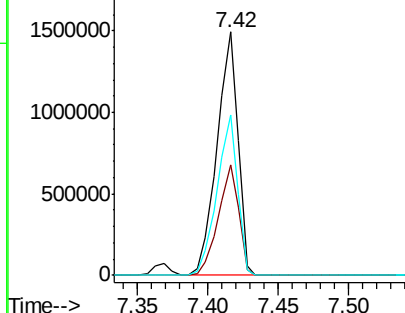
#23
 Nitrobenzene-d5
 Concen: 82.609 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1542977
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.8 53.8
 54 66.0 53.4 80.0

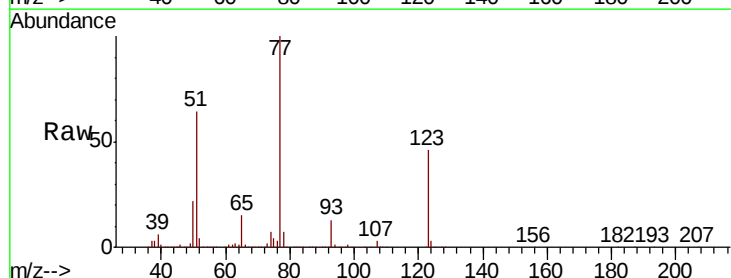


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

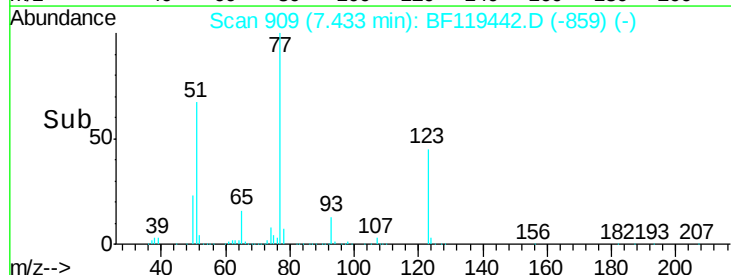
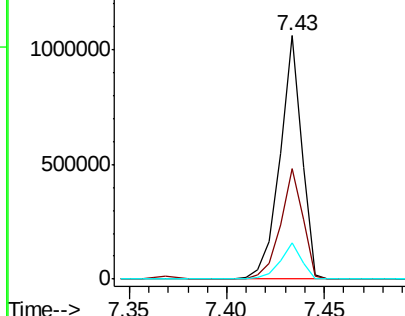


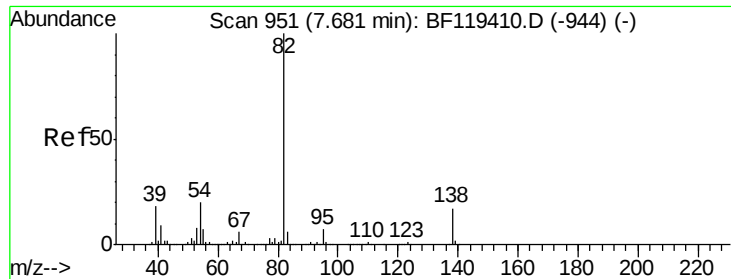
#24
 Nitrobenzene
 Concen: 41.424 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion: 77 Resp: 826870
 Ion Ratio Lower Upper
 77 100
 123 45.6 36.9 55.3
 65 14.9 12.2 18.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 1000000 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.882 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

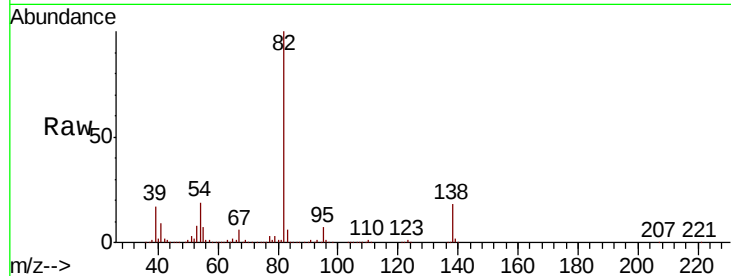
Tot Ion: 82 Resp: 1586861

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

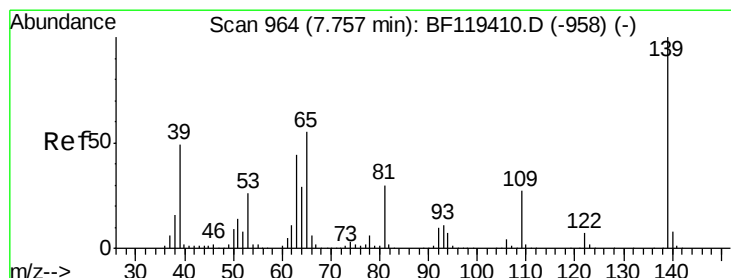
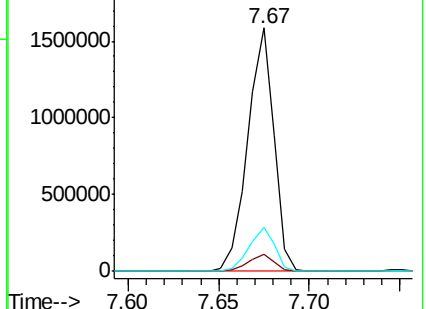
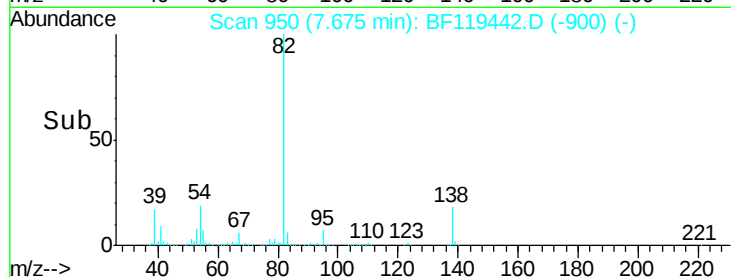
138 18.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.326 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

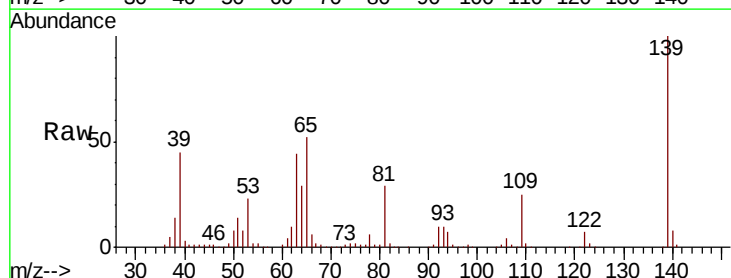
Tgt Ion: 139 Resp: 324795

Ion Ratio Lower Upper

139 100

109 24.8 21.7 32.5

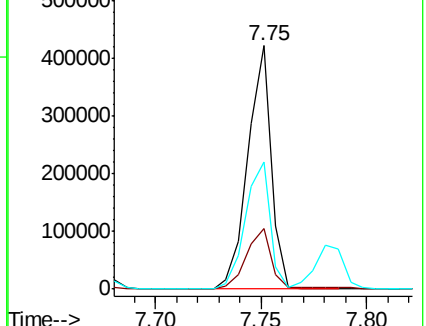
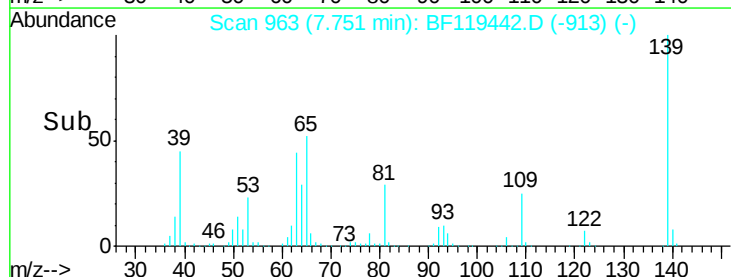
65 52.5 43.9 65.9

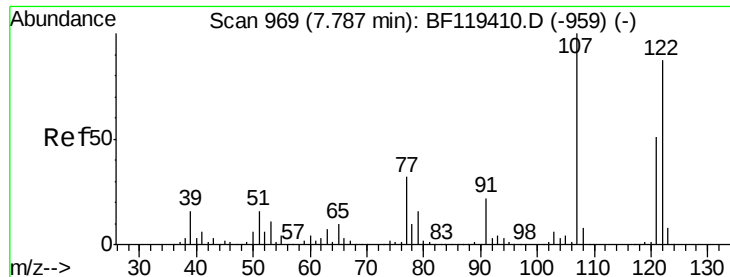


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.754 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

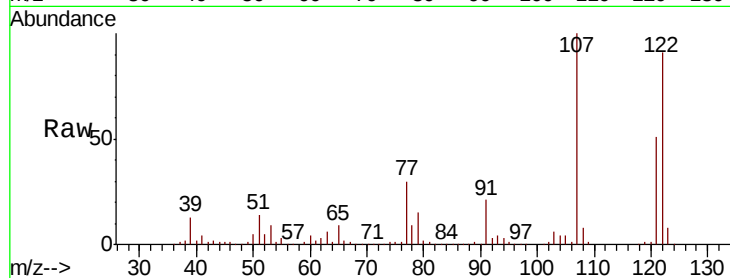
Tot Ion:122 Resp: 694810

Ion Ratio Lower Upper

122 100

107 109.9 91.8 137.6

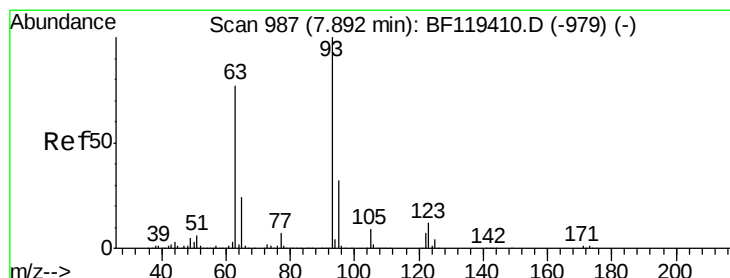
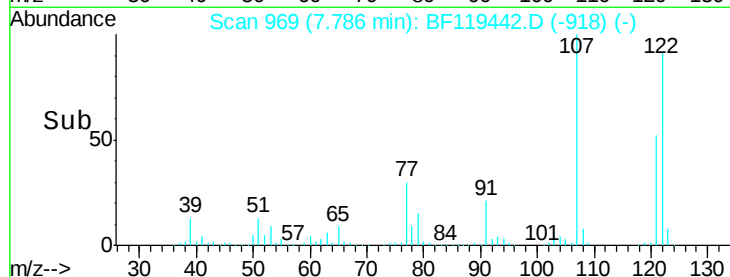
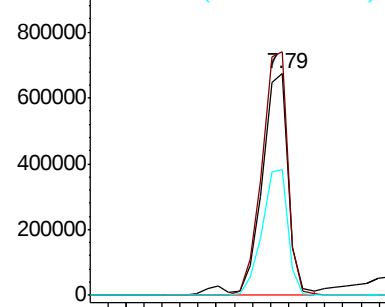
121 56.6 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.525 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

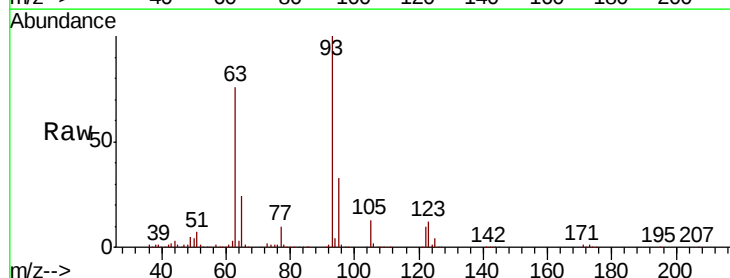
Tgt Ion: 93 Resp: 975185

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

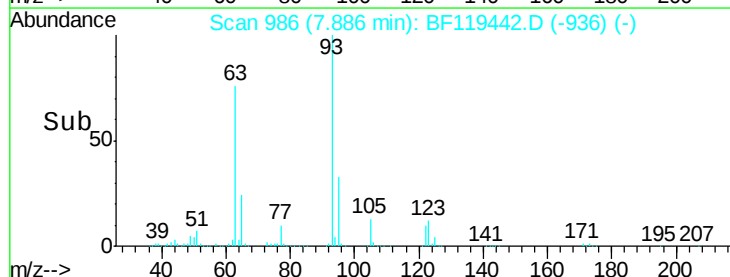
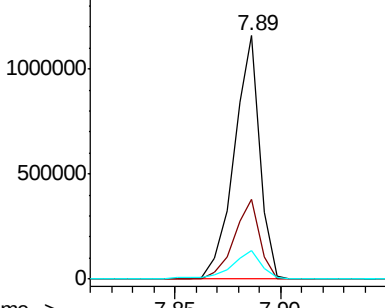
123 11.8 9.7 14.5

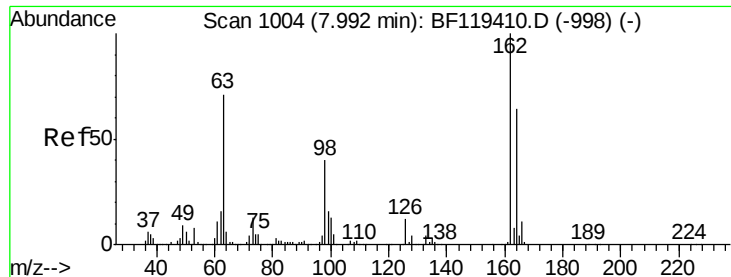


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

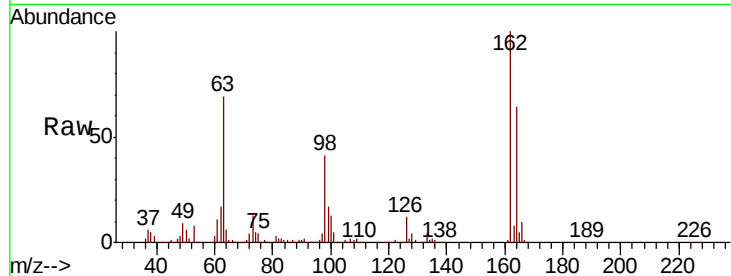




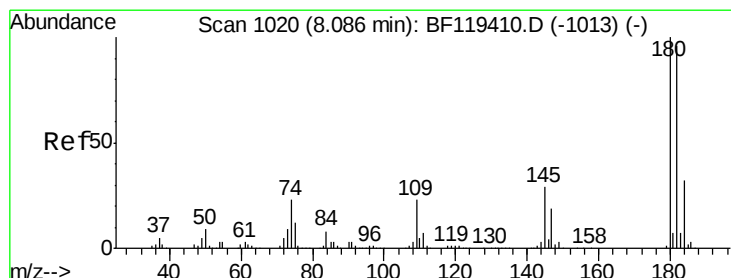
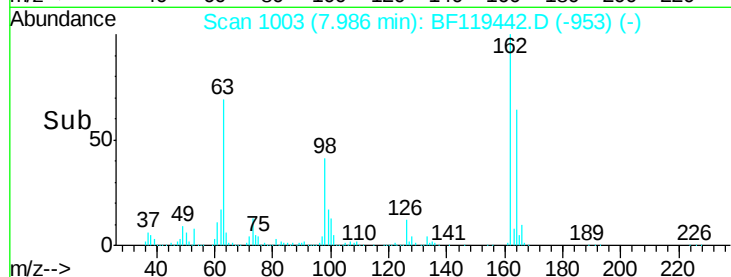
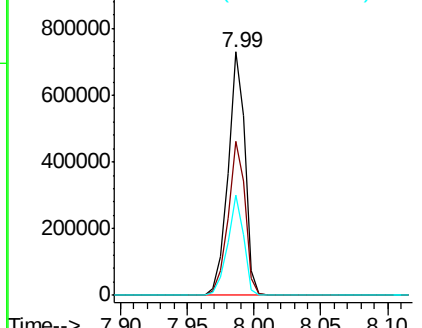
#29
2,4-Dichlorophenol
Concen: 44.017 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.6	83.6
98	41.2	20.4	60.4

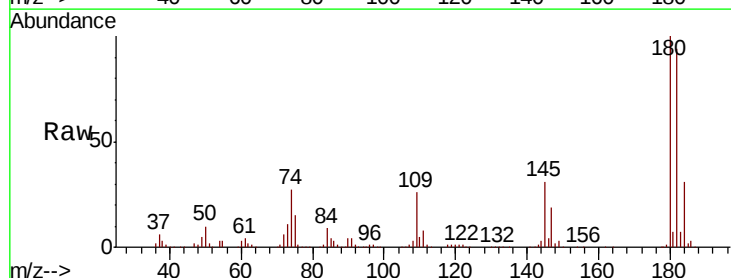


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

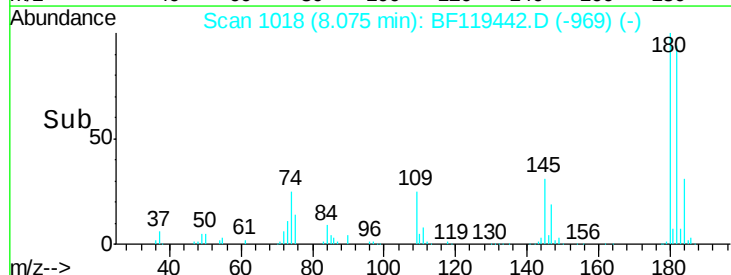
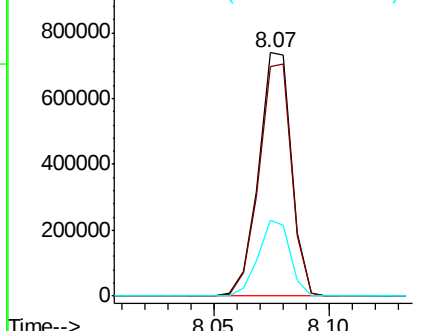


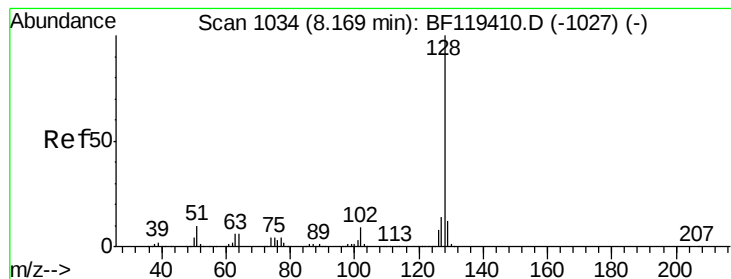
#30
1,2,4-Trichlorobenzene
Concen: 44.314 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	115.0
145	31.0	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.778 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

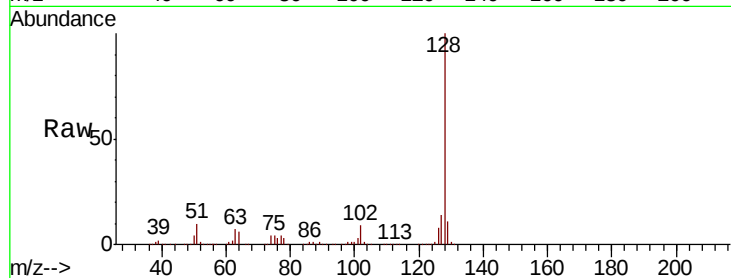
Tot Ion:128 Resp: 2286914

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

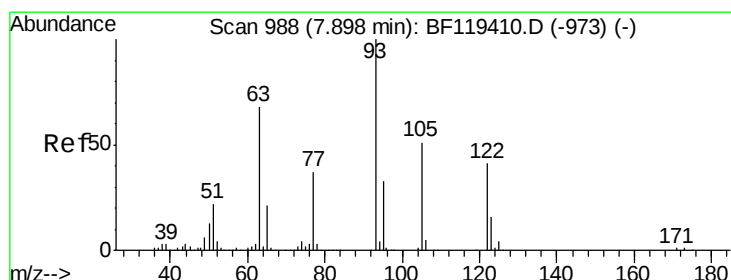
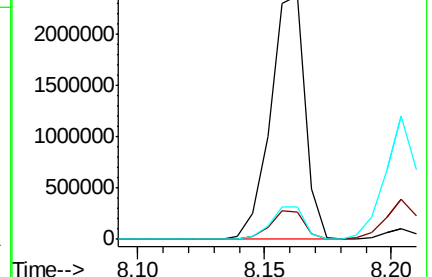
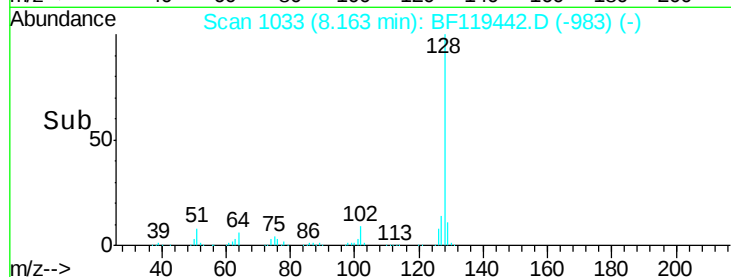
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.040 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

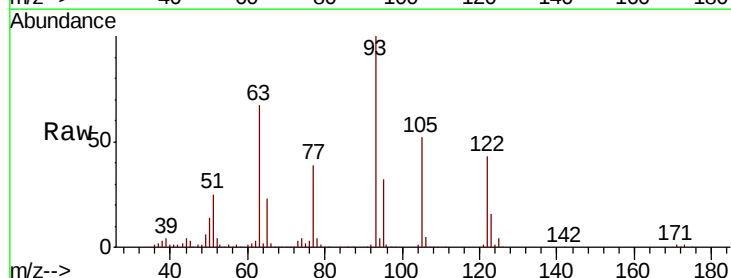
Tgt Ion:122 Resp: 429020

Ion Ratio Lower Upper

122 100

105 119.7 102.9 142.9

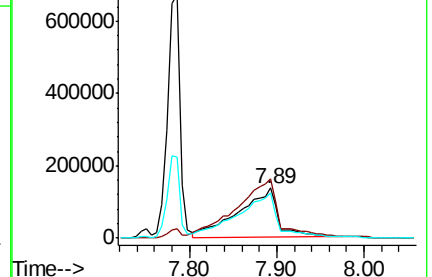
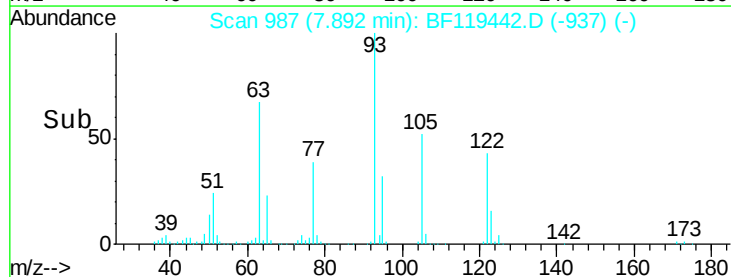
77 90.9 70.1 110.1

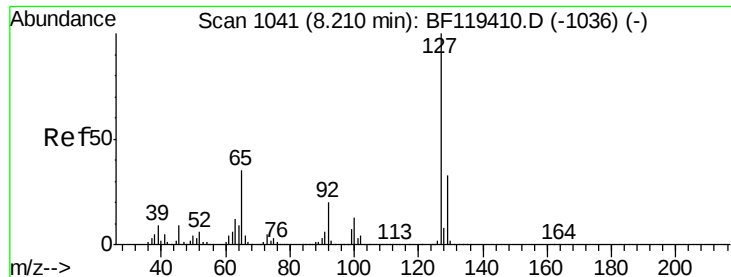


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

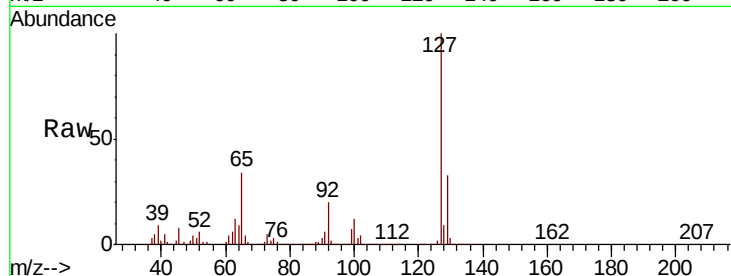




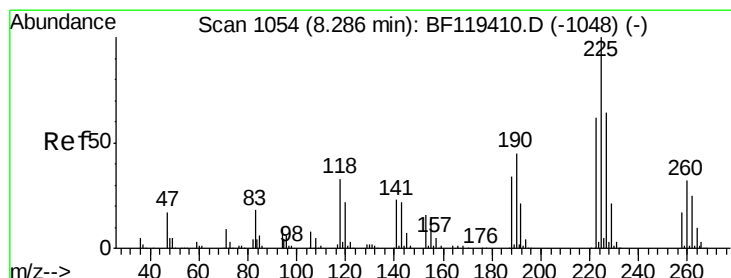
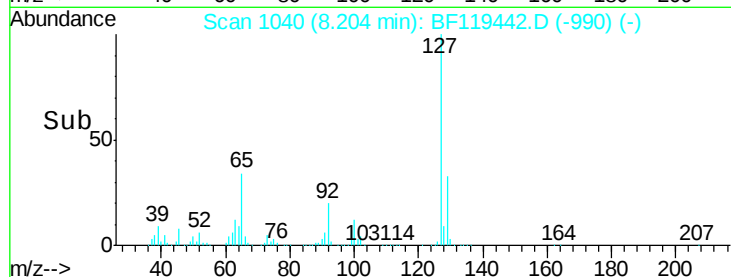
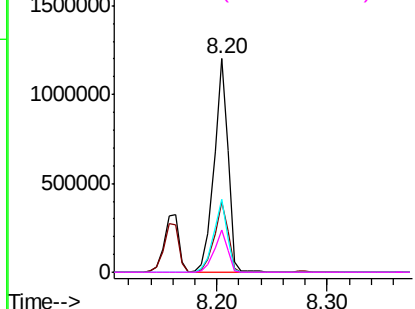
#33
4-Chloroaniline
Concen: 42.952 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127 Resp: 1028122
Ion Ratio Lower Upper
127 100
129 33.0 26.2 39.4
65 34.0 27.7 41.5
92 19.7 15.8 23.6

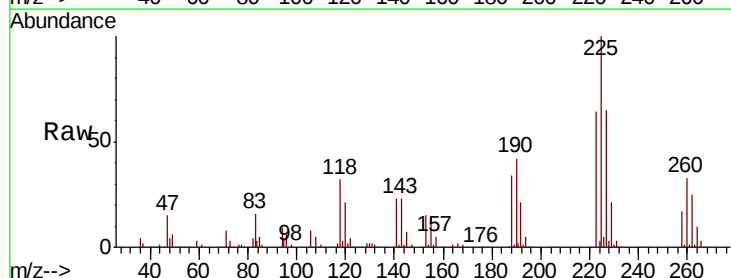


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

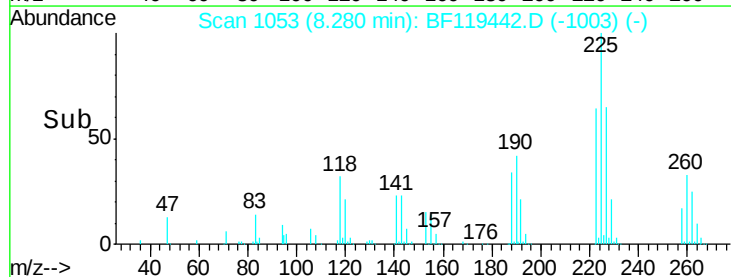
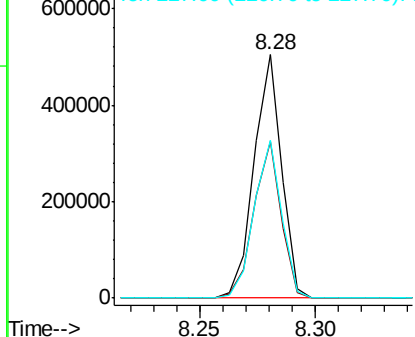


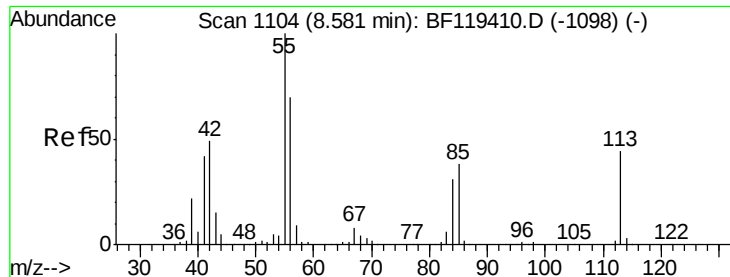
#34
Hexachlorobutadiene
Concen: 45.410 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:225 Resp: 419563
Ion Ratio Lower Upper
225 100
223 64.5 49.2 73.8
227 64.7 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

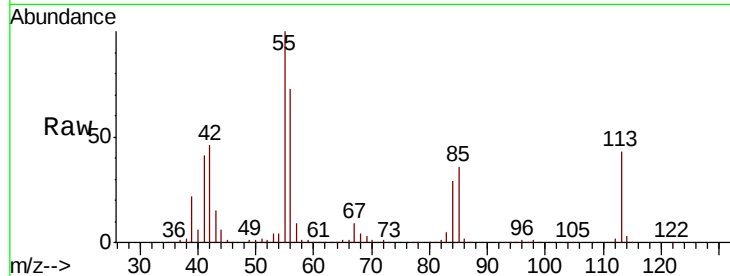




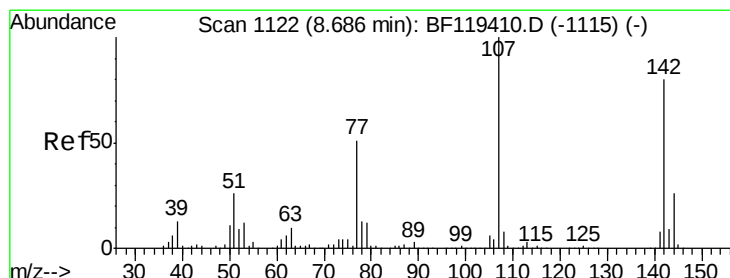
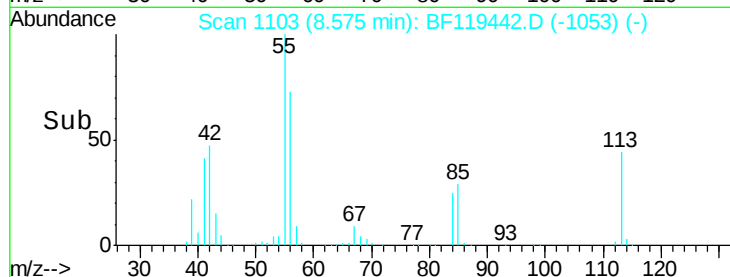
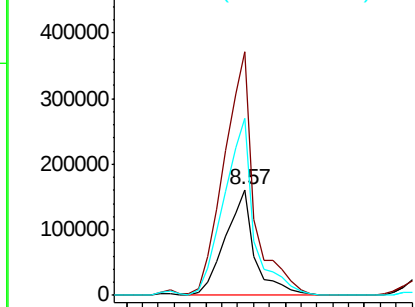
#35
Caprolactam
Concen: 42.664 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 208501
Ion Ratio Lower Upper
113 100
55 230.0 208.4 248.4
56 167.4 138.9 178.9

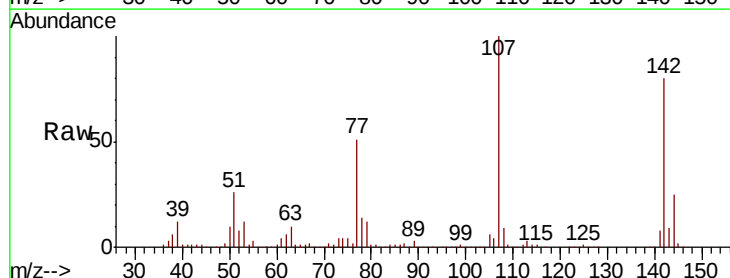


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

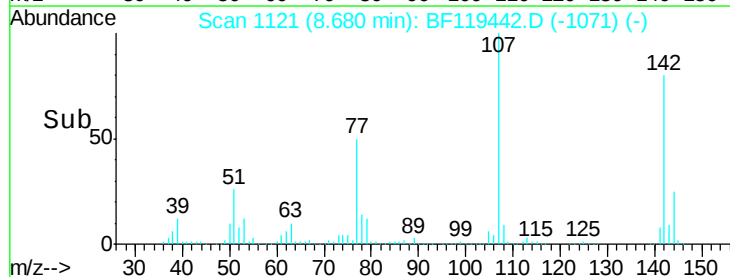
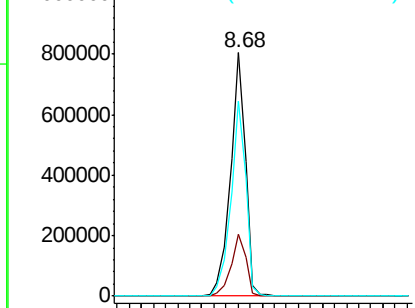


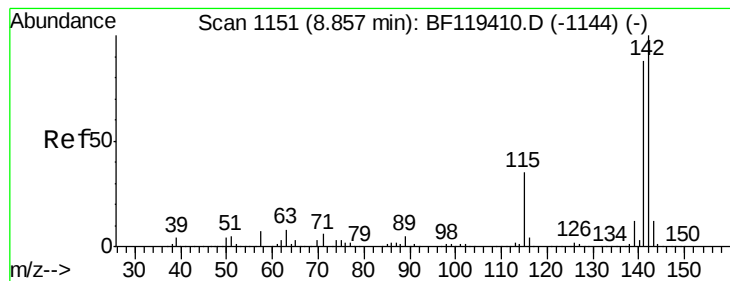
#36
4-Chloro-3-methylphenol
Concen: 42.671 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:107 Resp: 696416
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 80.2 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.920 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

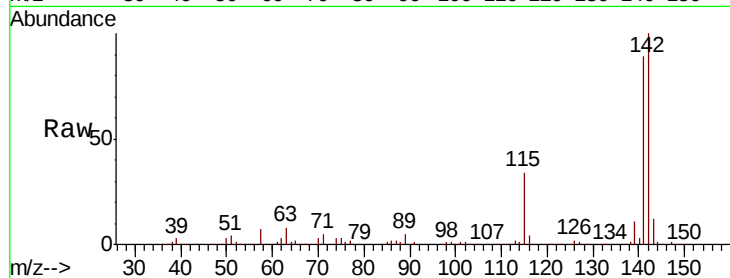
Tot Ion:142 Resp: 1505742

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

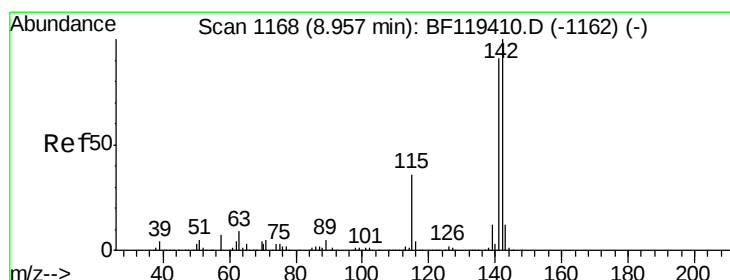
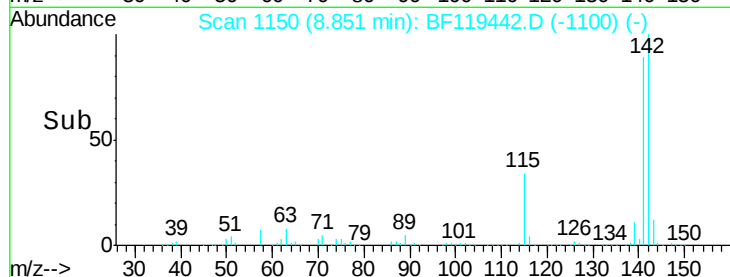
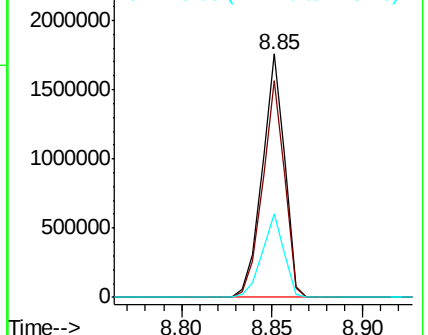
115 34.3 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.673 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

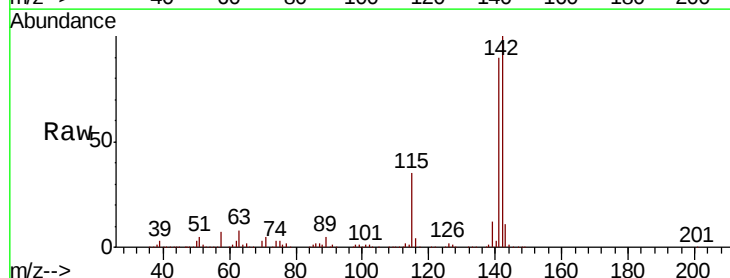
Tgt Ion:142 Resp: 1417216

Ion Ratio Lower Upper

142 100

141 90.3 73.1 109.7

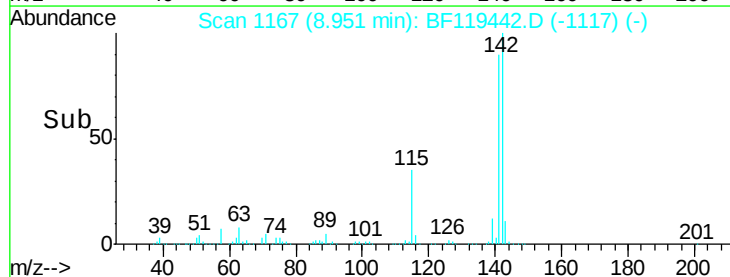
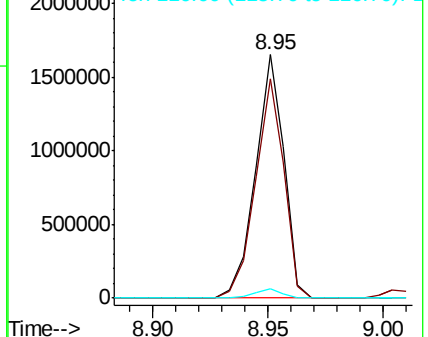
116 3.8 3.0 4.6

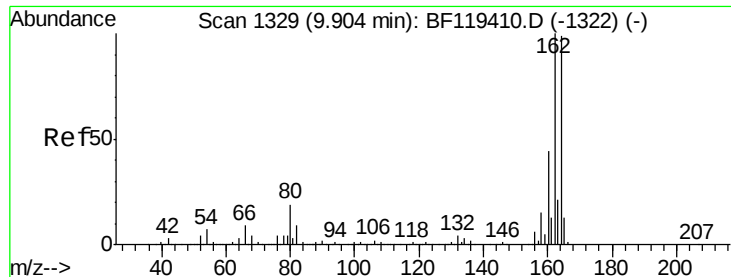


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

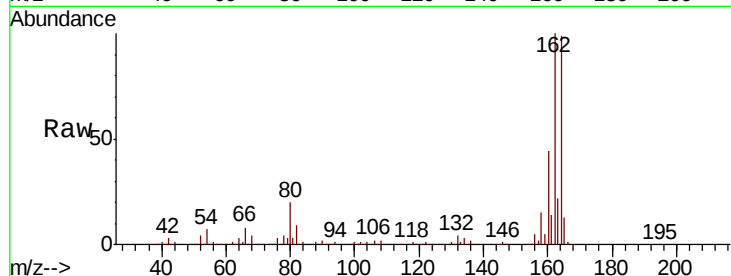




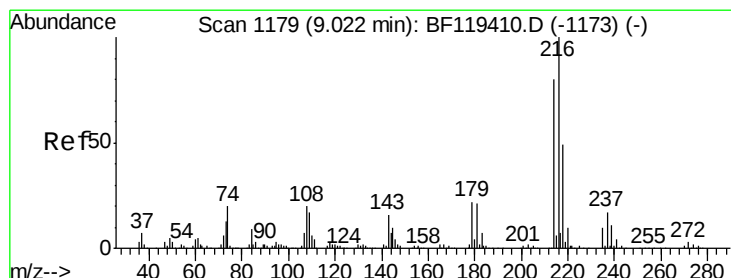
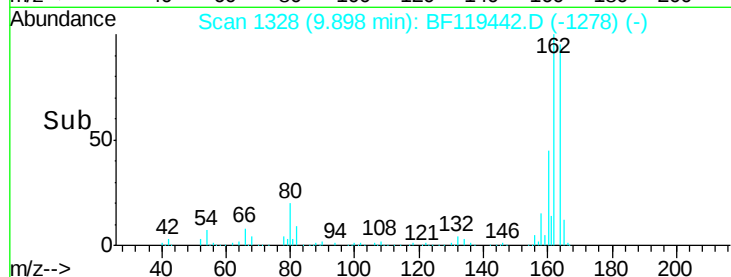
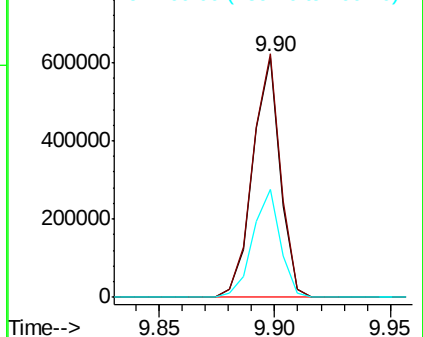
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 510076
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 45.1 35.5 53.3

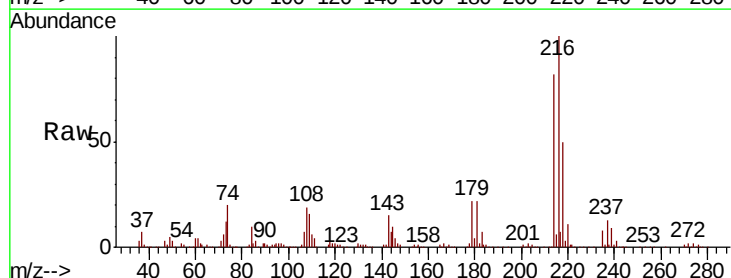


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

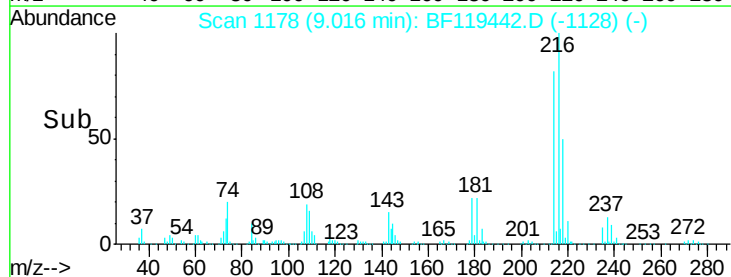
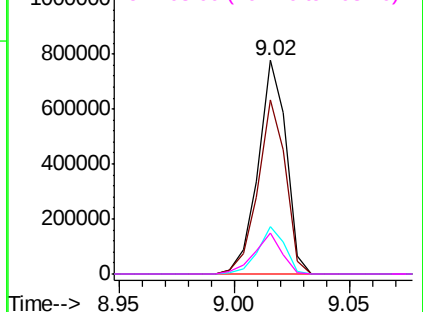


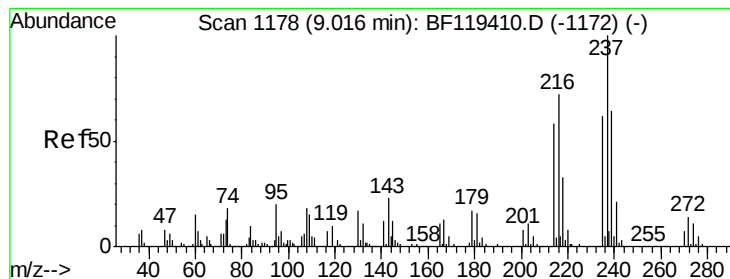
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.265 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:216 Resp: 661798
Ion Ratio Lower Upper
216 100
214 80.2 63.0 94.6
179 21.2 17.0 25.4
108 18.8 15.4 23.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.185 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

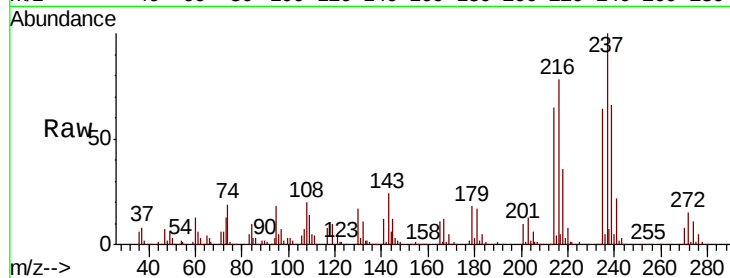
Tot Ion:237 Resp: 367061

Ion Ratio Lower Upper

237 100

235 63.7 42.5 82.5

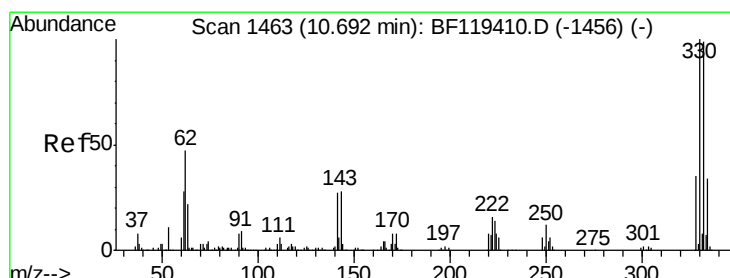
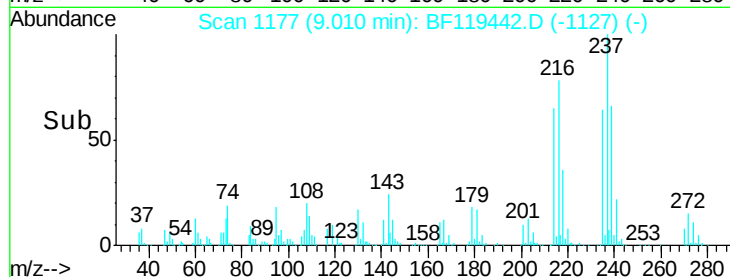
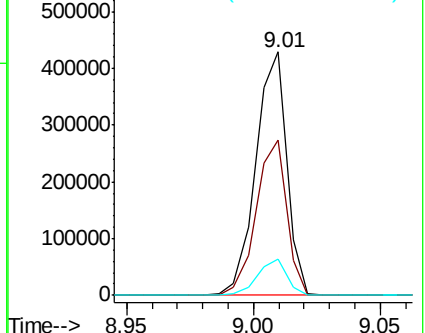
272 15.1 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.798 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

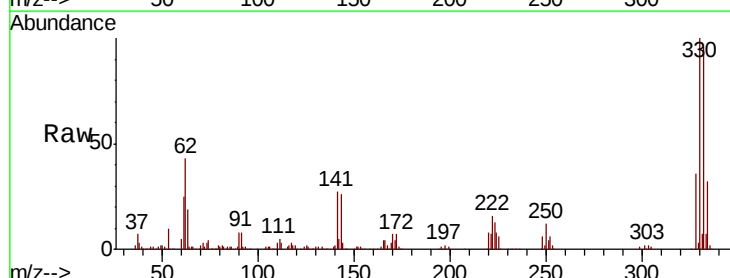
Tgt Ion:330 Resp: 488327

Ion Ratio Lower Upper

330 100

332 94.7 77.6 116.4

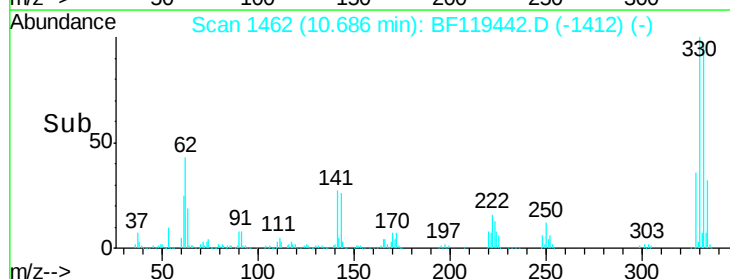
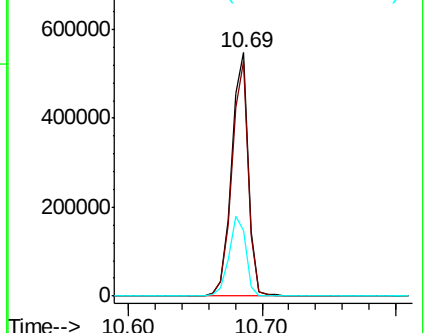
141 33.0 26.6 40.0

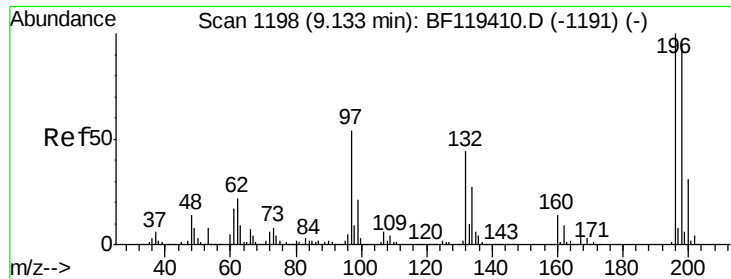


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

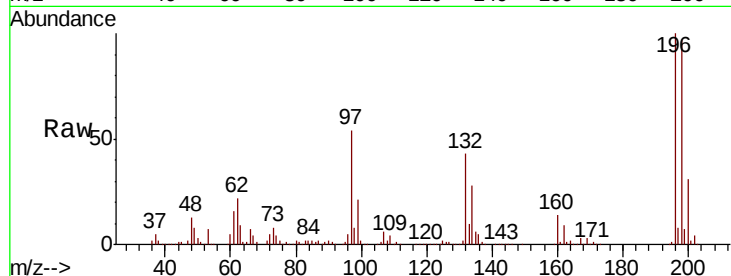




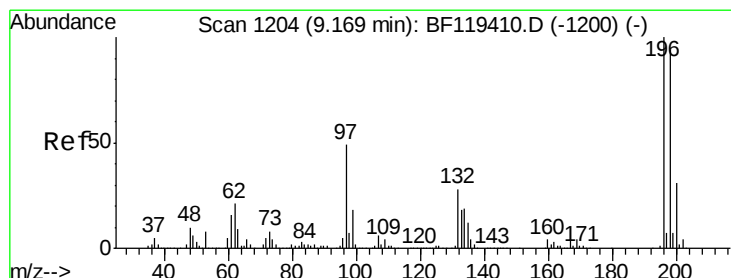
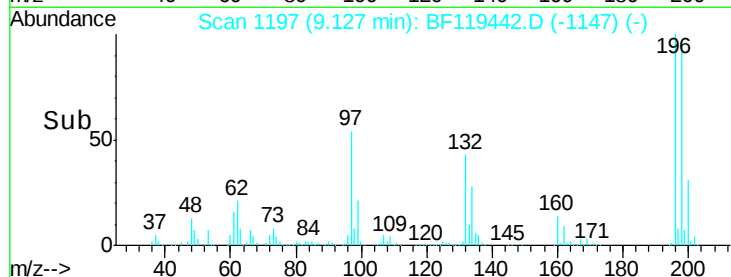
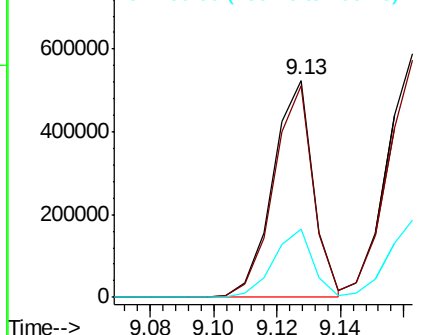
#43
 2,4,6-Trichlorophenol
 Concen: 43.403 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	464370
Ion	Ratio	Lower Upper
196	100	
198	97.1	77.0 115.4
200	31.2	25.1 37.7

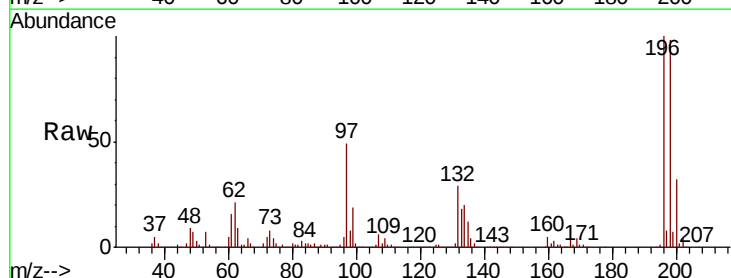


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

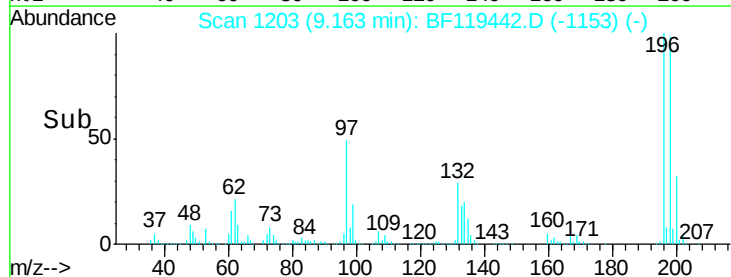
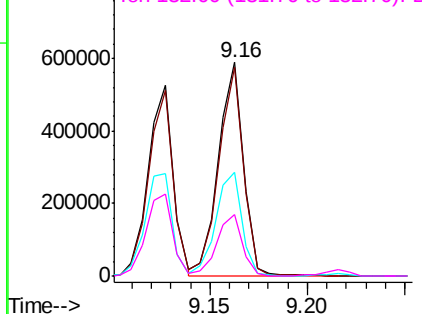


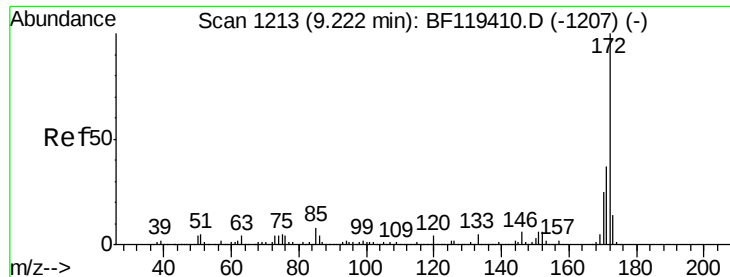
#44
 2,4,5-Trichlorophenol
 Concen: 43.772 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:196	Resp:	524628
Ion	Ratio	Lower Upper
196	100	
198	97.6	75.3 112.9
97	48.7	39.0 58.4
132	28.8	22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

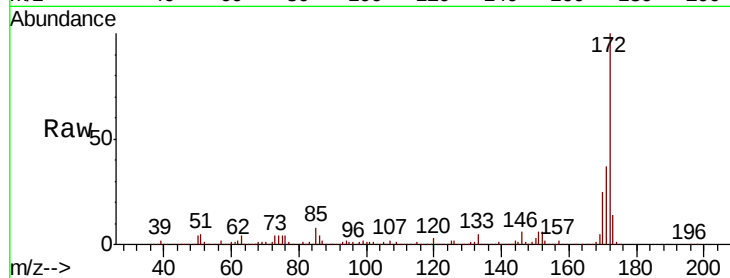




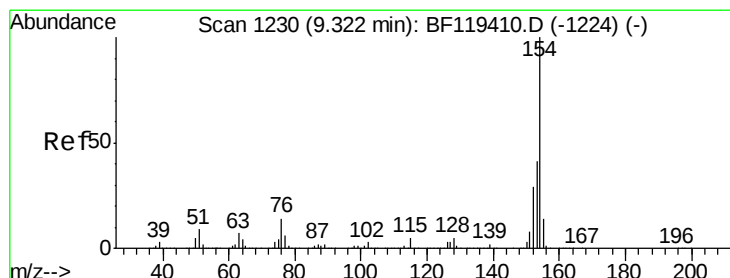
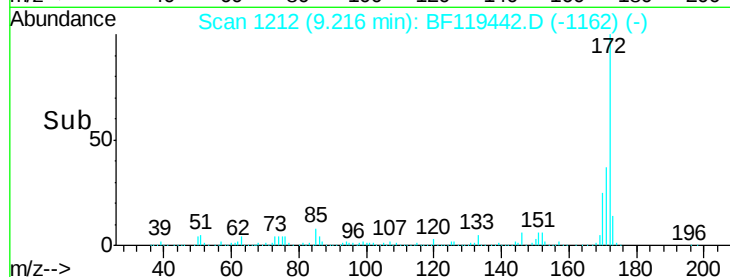
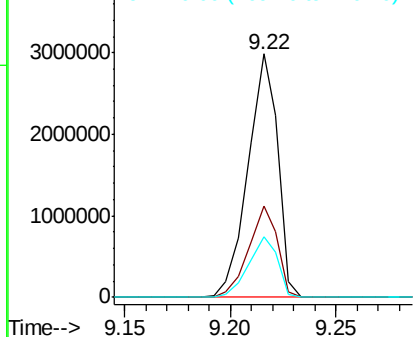
#45
2-Fluorobiphenyl
Concen: 84.623 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2913609
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 24.8 20.1 30.1

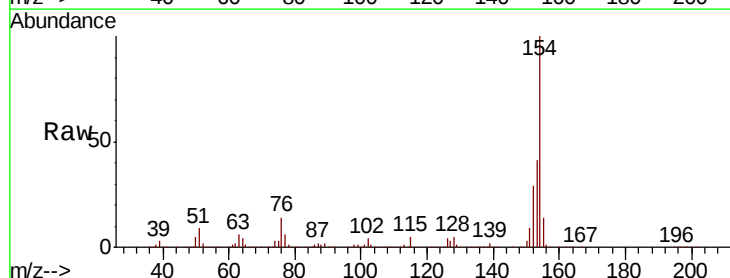


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

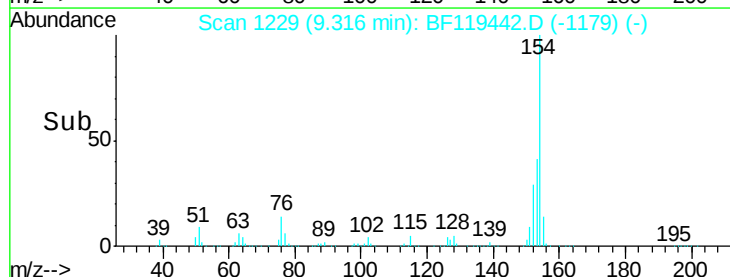
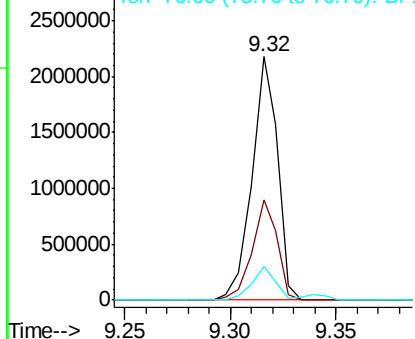


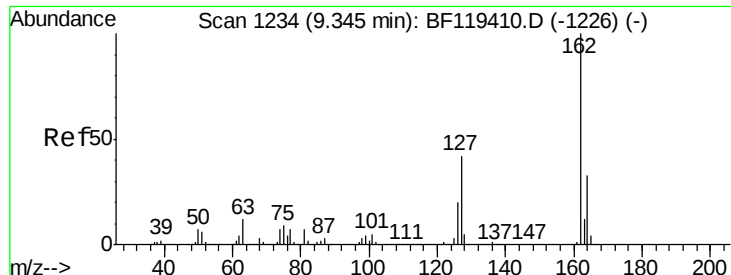
#46
1,1'-Biphenyl
Concen: 44.196 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:154 Resp: 1836037
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.8 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

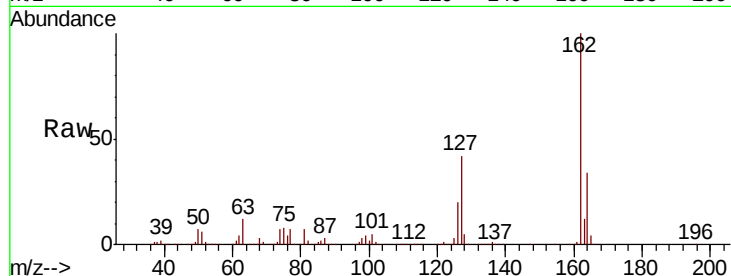




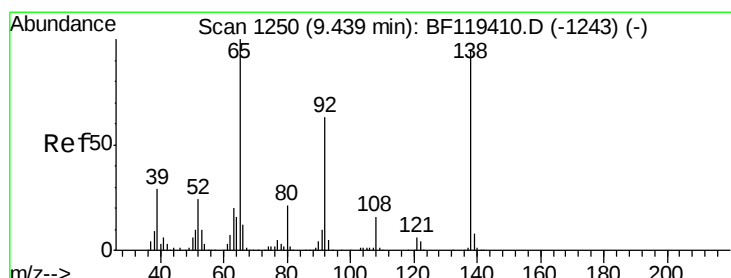
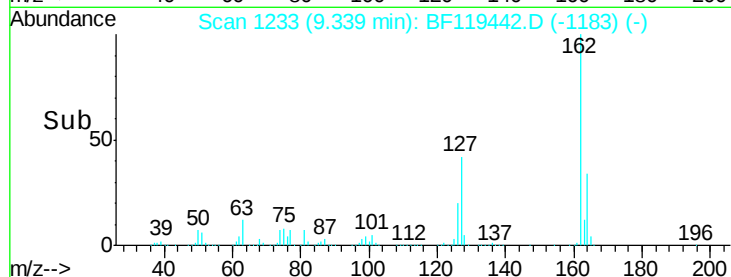
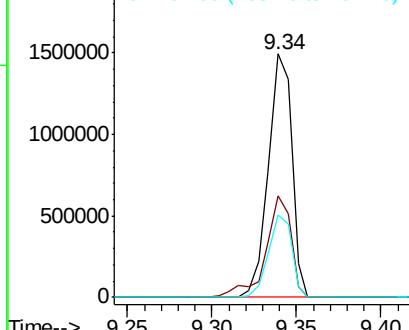
#47
 2-Chloronaphthalene
 Concen: 44.284 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1441041
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.7 50.5
 164 33.6 26.2 39.4

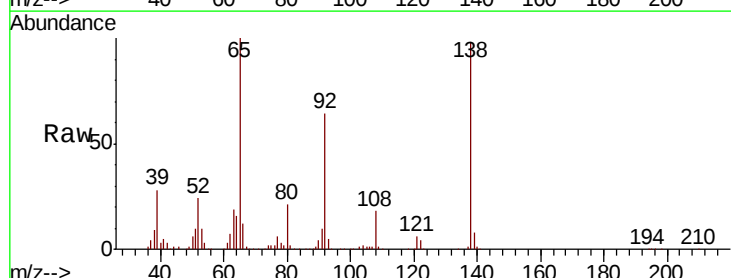


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

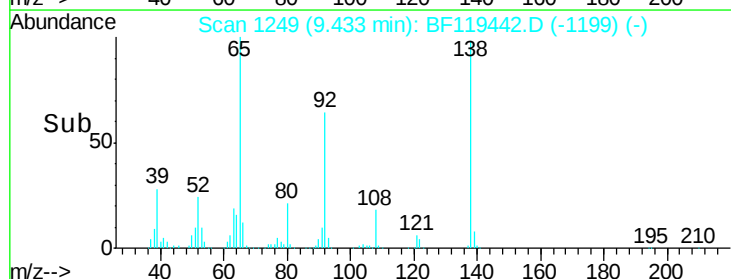
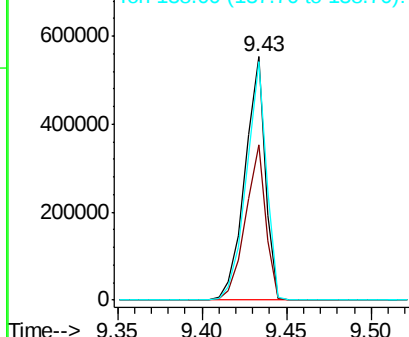


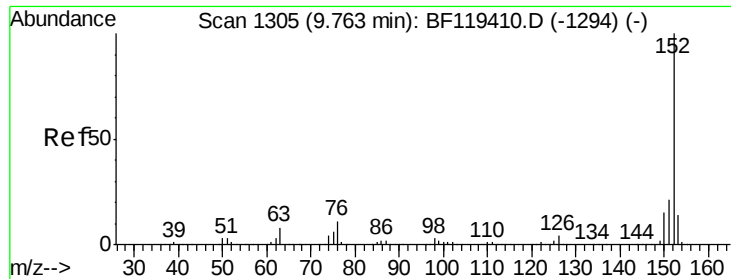
#48
 2-Nitroaniline
 Concen: 41.651 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion: 65 Resp: 467821
 Ion Ratio Lower Upper
 65 100
 92 63.8 50.5 75.7
 138 98.1 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.569 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

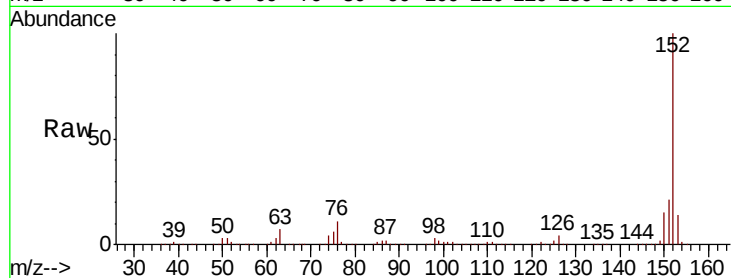
Tot Ion:152 Resp: 2226464

Ion Ratio Lower Upper

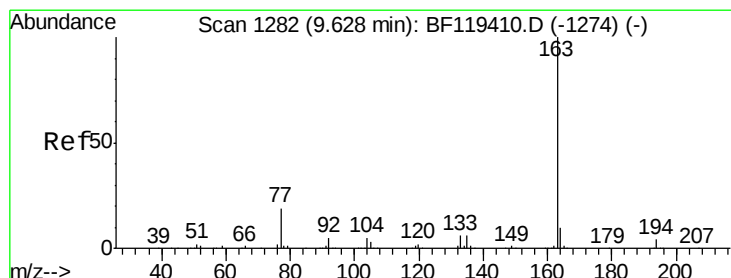
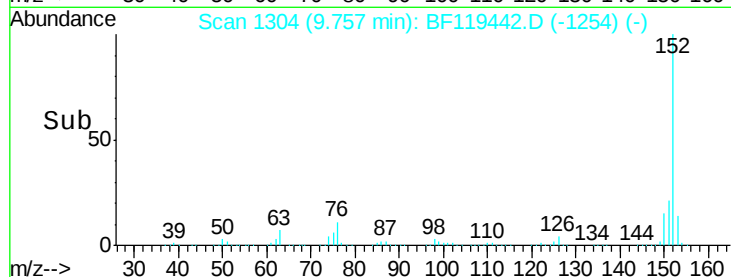
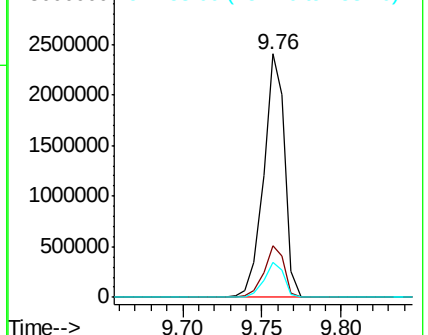
152 100

151 21.1 16.8 25.2

153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.032 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

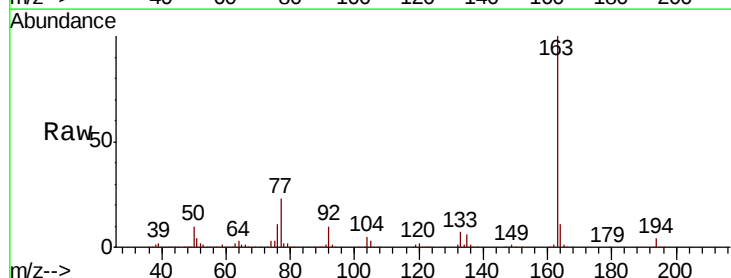
Tgt Ion:163 Resp: 1595333

Ion Ratio Lower Upper

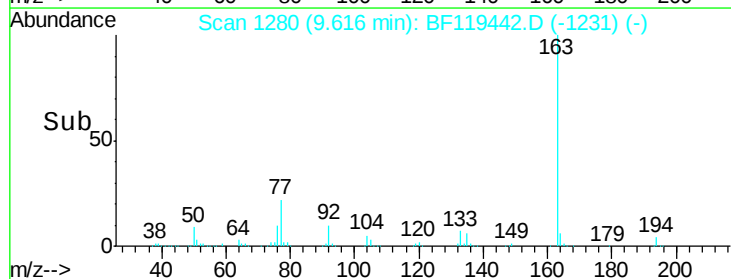
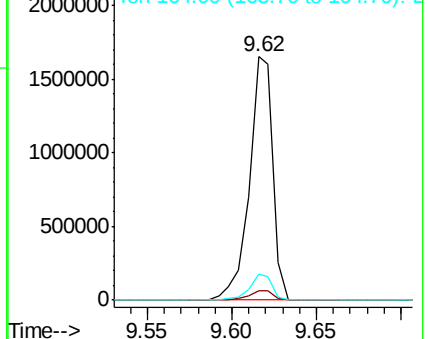
163 100

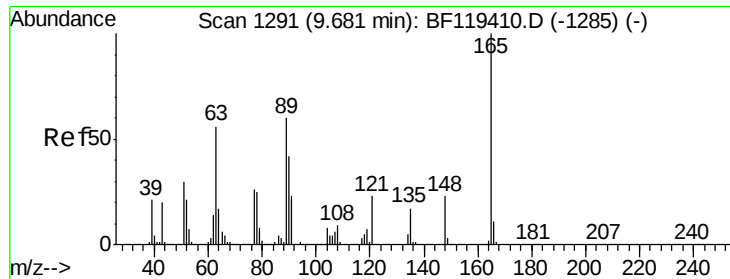
194 3.8 3.2 4.8

164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

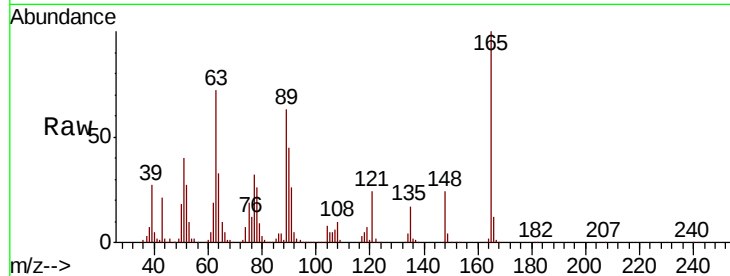




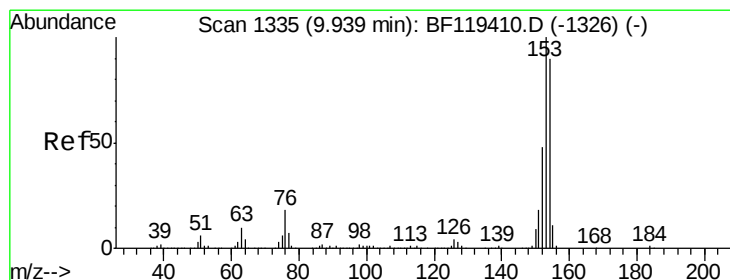
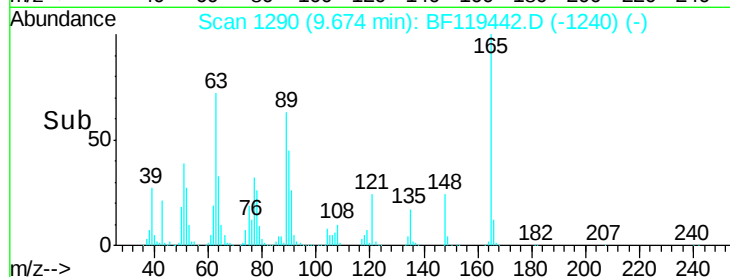
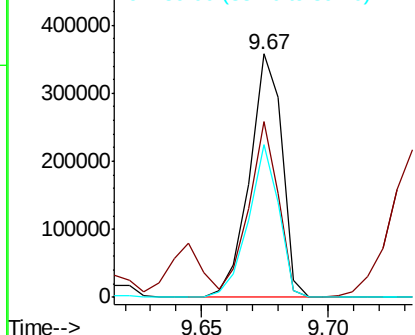
#51
 2,6-Dinitrotoluene
 Concen: 41.048 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 318776
 Ion Ratio Lower Upper
 165 100
 63 72.4 57.3 85.9
 89 62.5 47.8 71.8

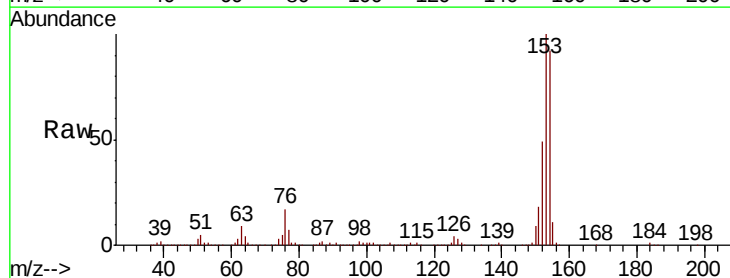


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

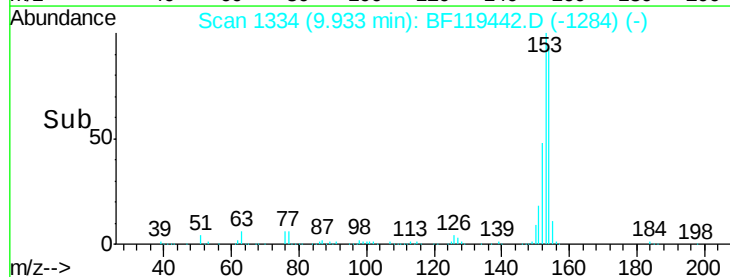
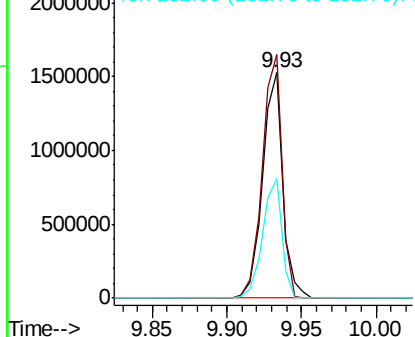


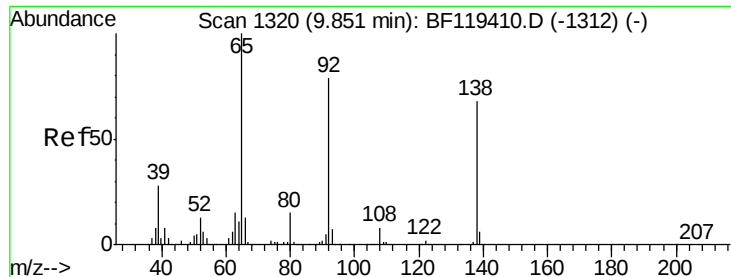
#52
 Acenaphthene
 Concen: 44.263 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:154 Resp: 1410115
 Ion Ratio Lower Upper
 154 100
 153 108.2 89.0 133.6
 152 52.9 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

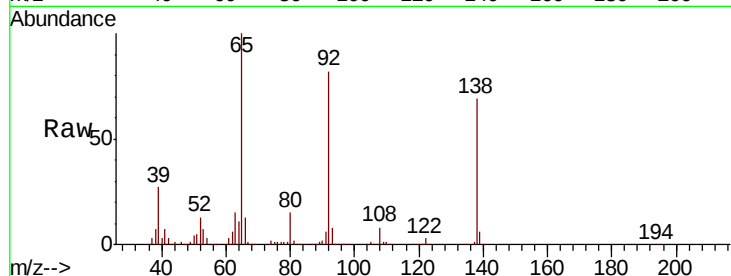




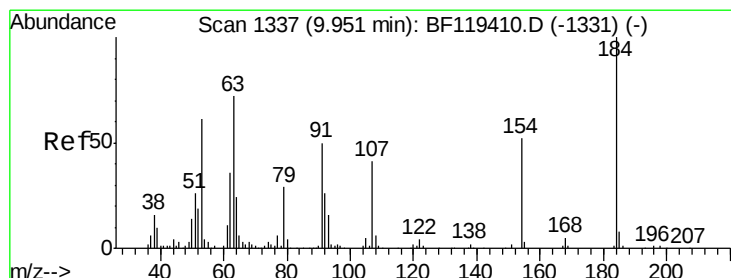
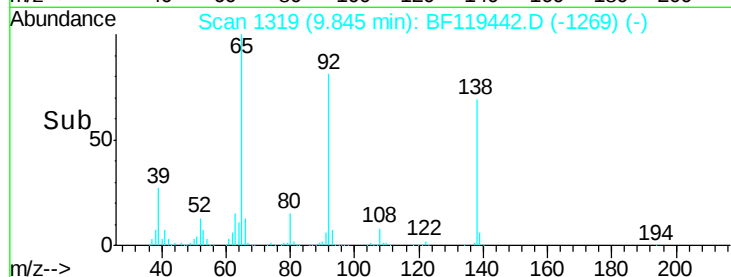
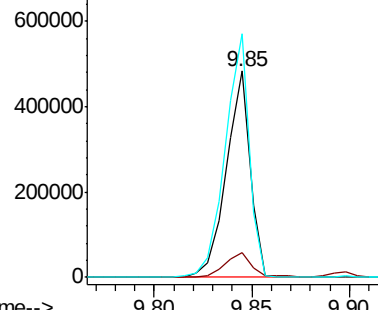
#53
3-Nitroaniline
Concen: 41.786 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.0	13.6
92	118.2	93.2	139.8

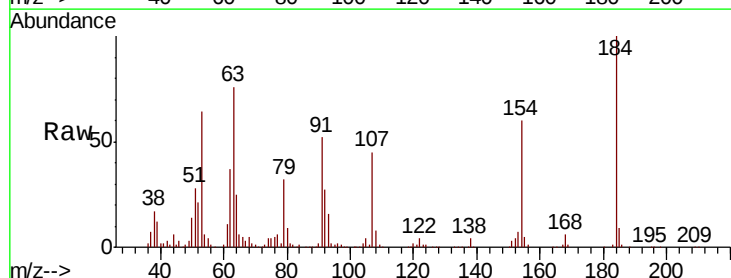


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

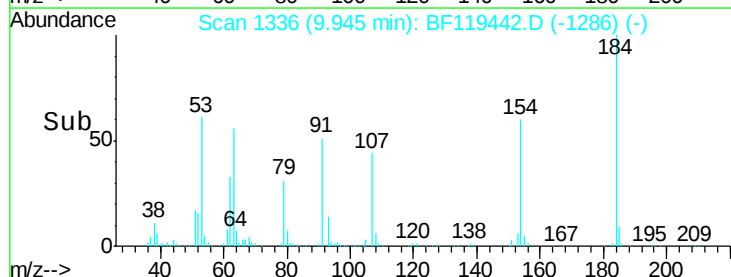
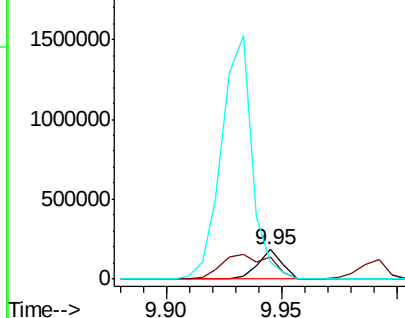


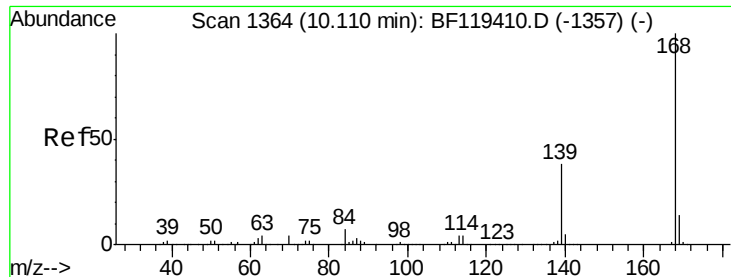
#54
2,4-Dinitrophenol
Concen: 44.656 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.6	58.5	87.7
154	59.7	51.8	77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

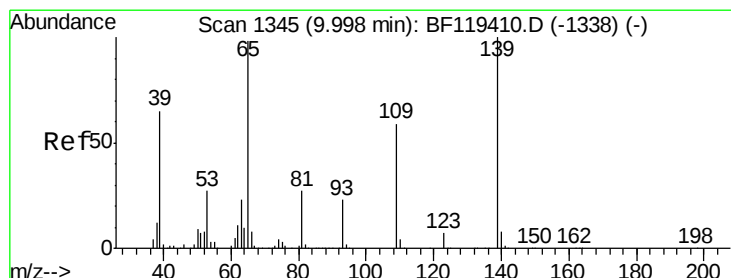
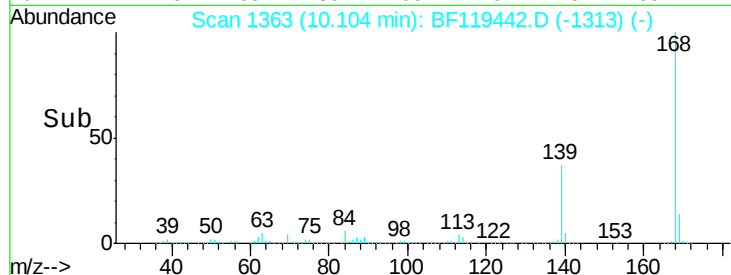
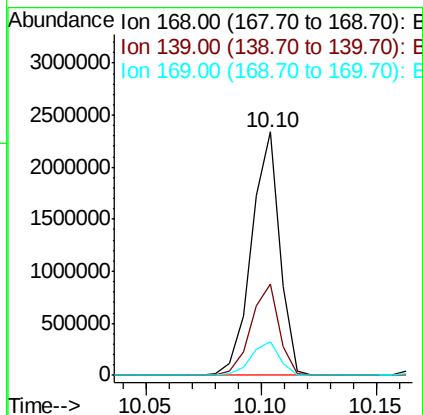
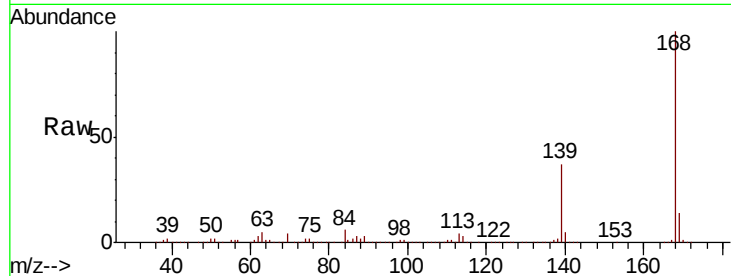




#55
Dibenzofuran
Concen: 43.808 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

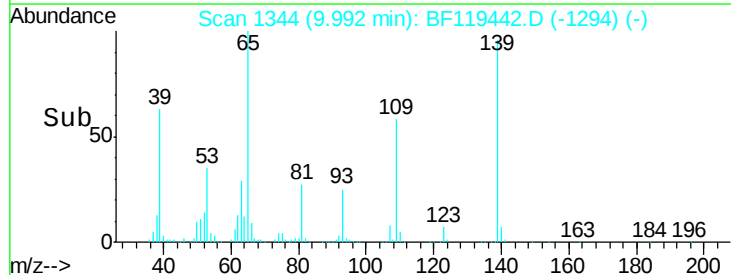
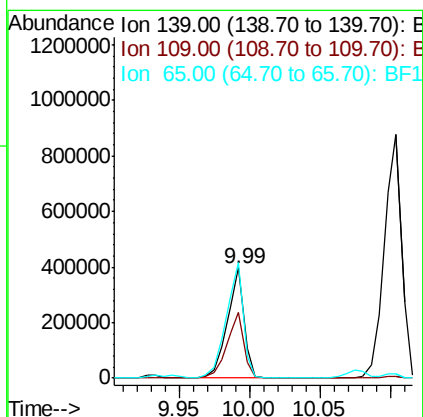
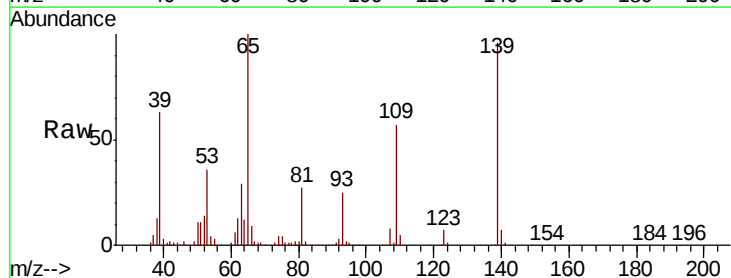
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

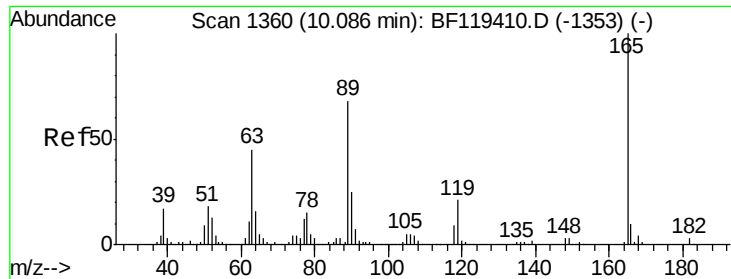
Tot Ion:168 Resp: 2000956
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 14.1 11.1 16.7



#56
4-Nitrophenol
Concen: 42.529 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:139 Resp: 328936
Ion Ratio Lower Upper
139 100
109 59.9 39.6 79.6
65 104.2 78.3 118.3

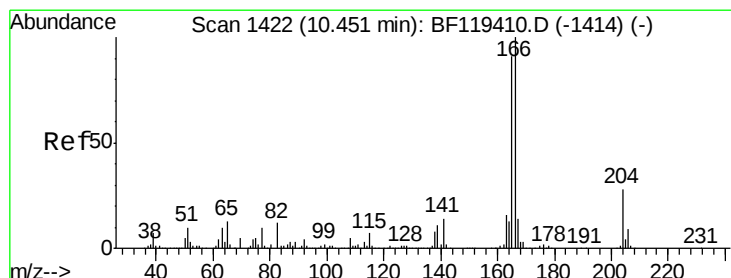
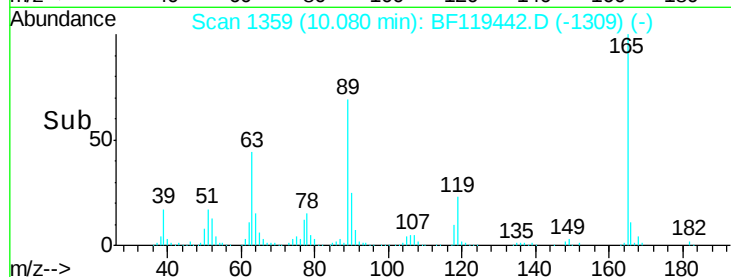
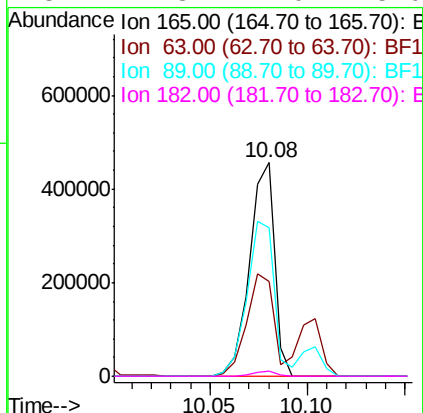
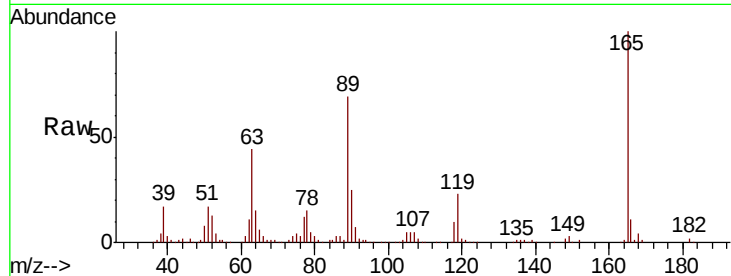




#57
 2,4-Dinitrotoluene
 Concen: 41.408 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

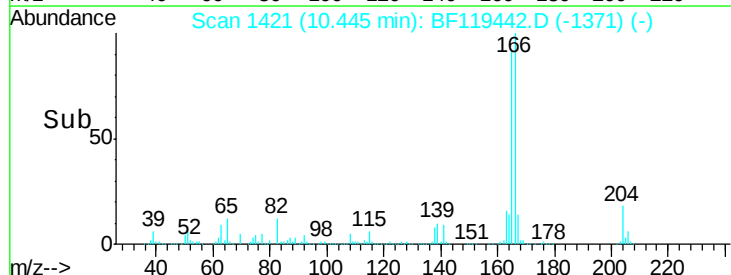
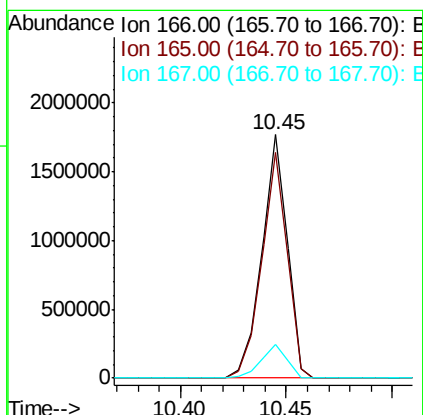
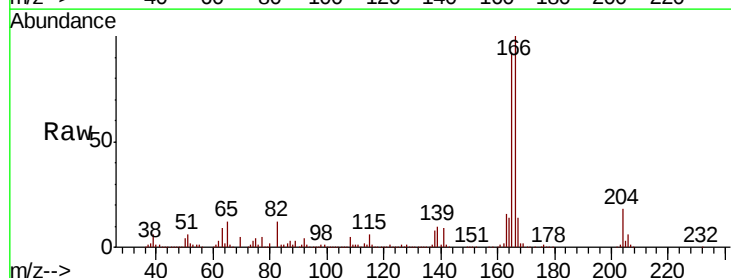
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

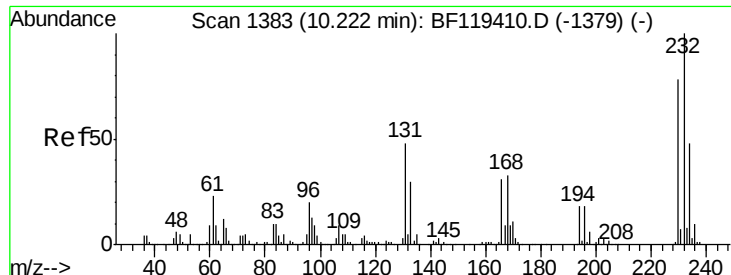
Tot Ion:165	Resp:	405094
Ion	Ratio	Lower Upper
165	100	
63	44.3	36.2 54.4
89	69.5	54.3 81.5
182	2.3	2.0 3.0



#58
 Fluorene
 Concen: 43.918 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:166	Resp:	1483388
Ion	Ratio	Lower Upper
166	100	
165	92.4	73.1 109.7
167	13.8	11.0 16.6

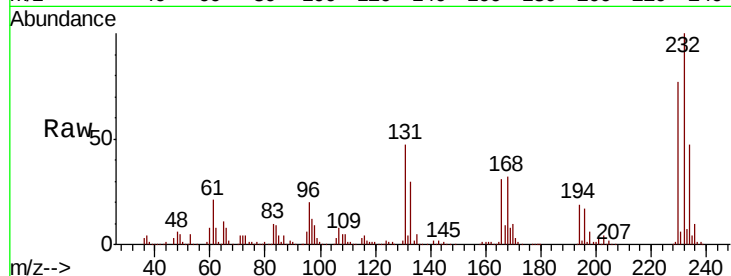




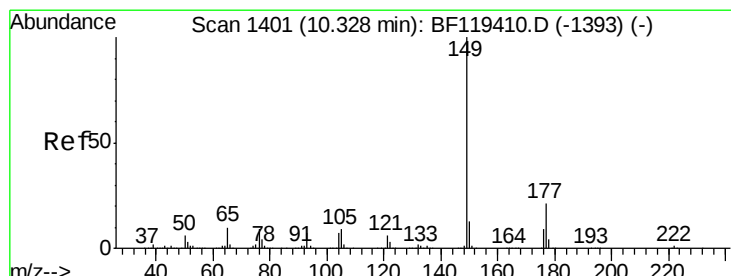
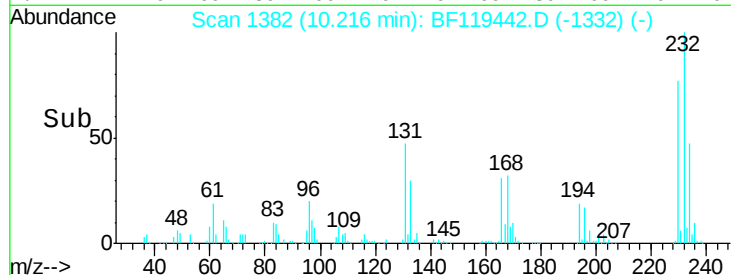
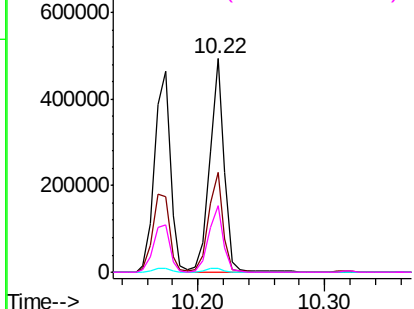
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.421 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 397963
Ion Ratio Lower Upper
232 100
131 46.7 36.3 54.5
130 2.2 1.8 2.6
166 31.9 24.9 37.3

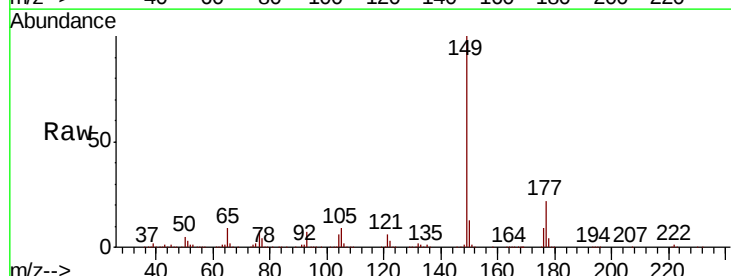


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

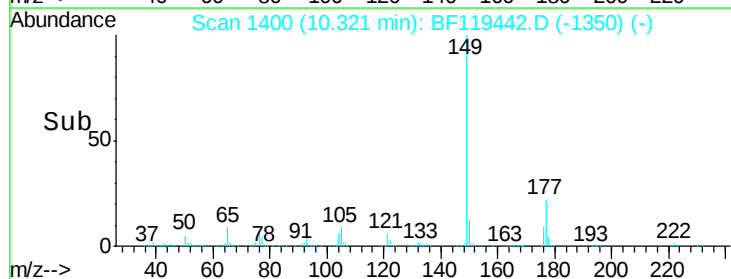
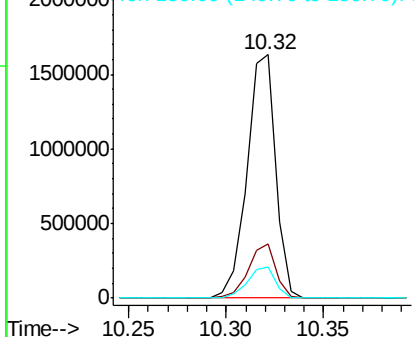


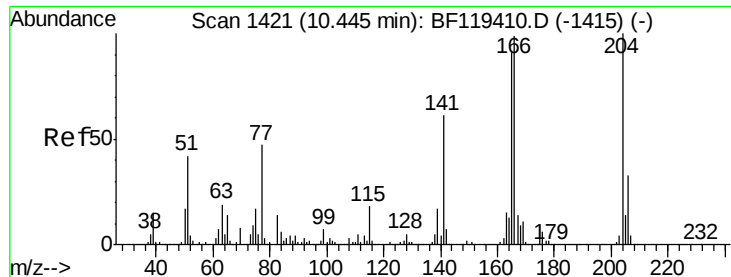
#60
Diethylphthalate
Concen: 45.016 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:149 Resp: 1655349
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.6
150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 45.515 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

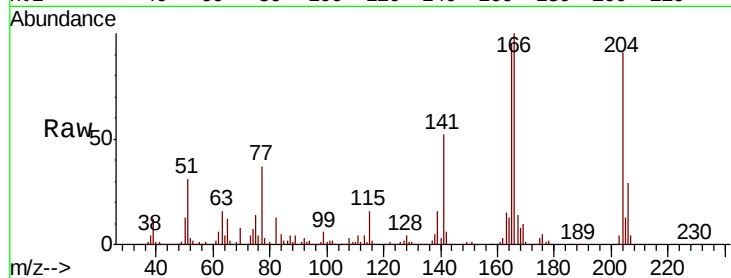
Tot Ion:204 Resp: 751782

Ion Ratio Lower Upper

204 100

206 32.4 26.7 40.1

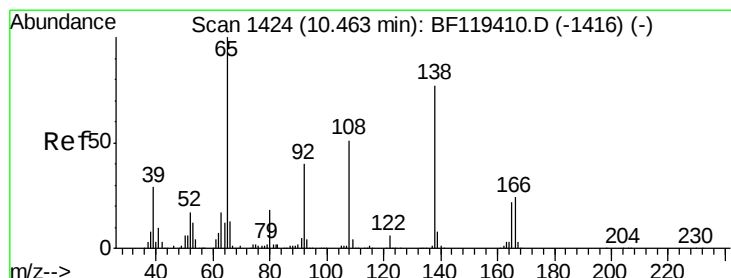
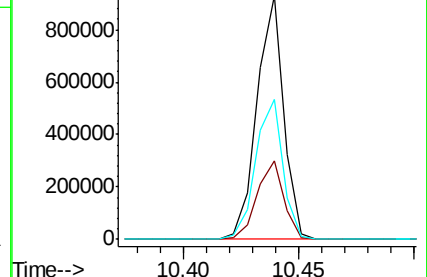
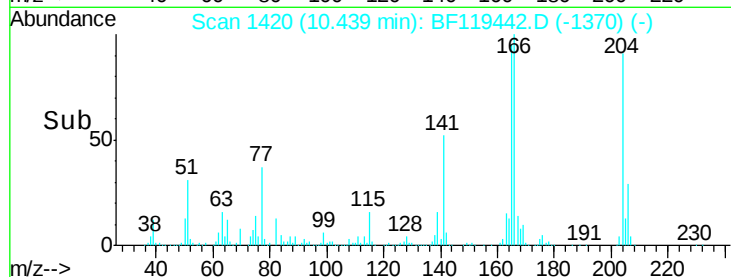
141 57.3 48.8 73.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.508 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

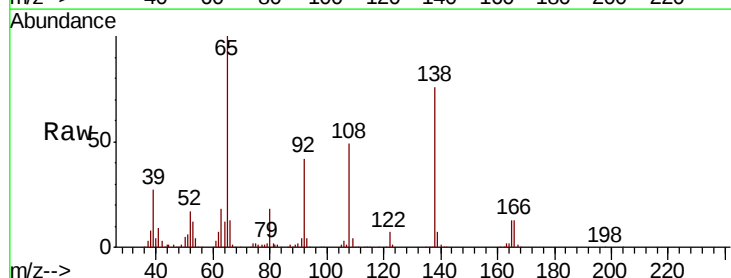
Tgt Ion:138 Resp: 418449

Ion Ratio Lower Upper

138 100

92 54.6 32.0 72.0

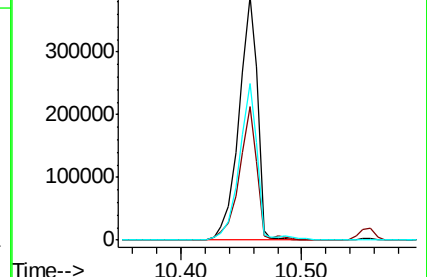
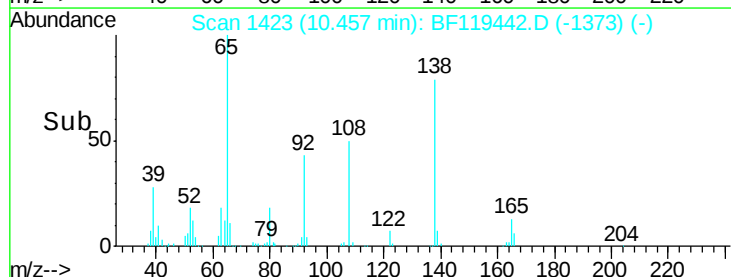
108 64.5 46.0 86.0

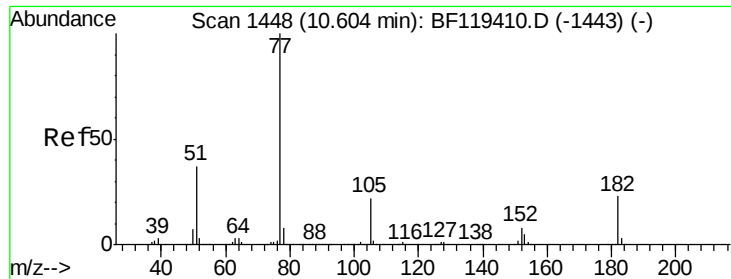


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

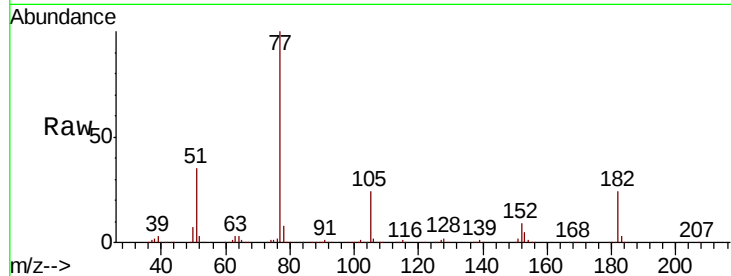




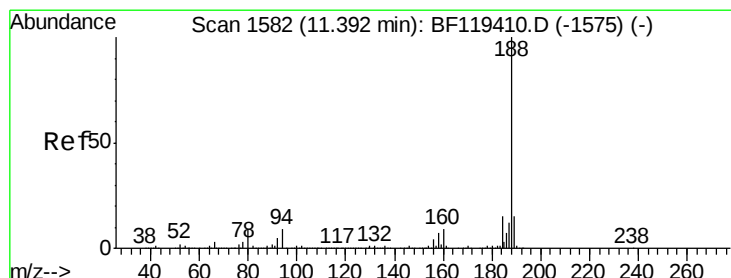
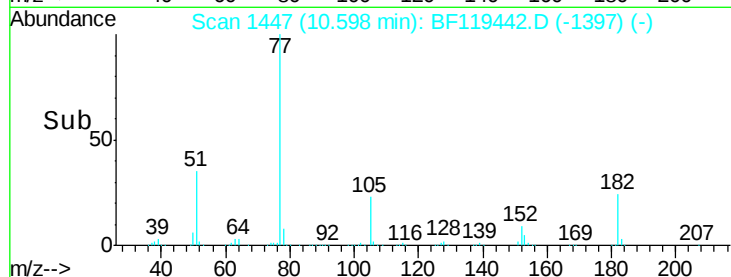
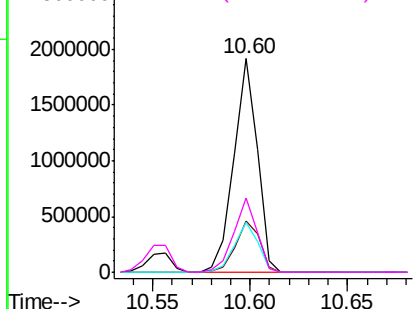
#63
Azobenzene
Concen: 43.168 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1598524
Ion Ratio Lower Upper
77 100
182 23.7 2.5 42.5
105 23.5 2.5 42.5
51 34.9 17.1 57.1

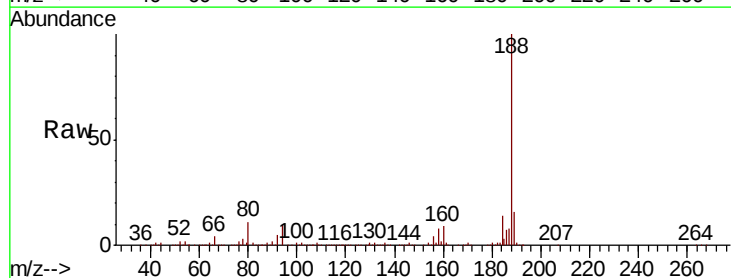


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

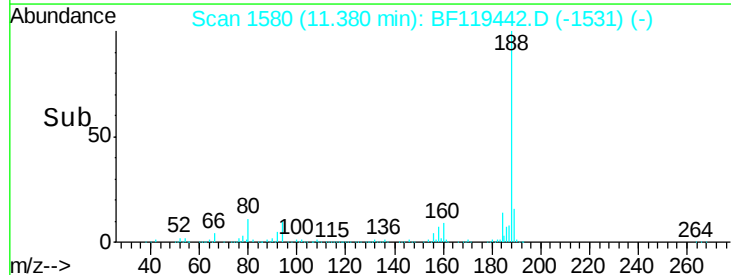
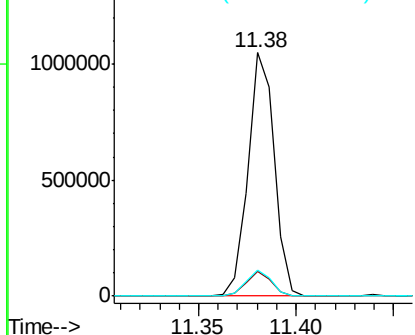


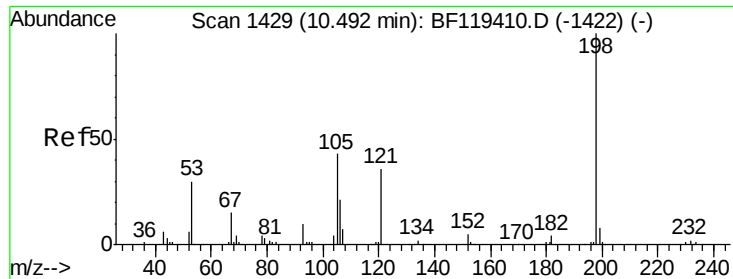
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion: 188 Resp: 976675
Ion Ratio Lower Upper
188 100
94 10.0 7.1 10.7
80 10.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

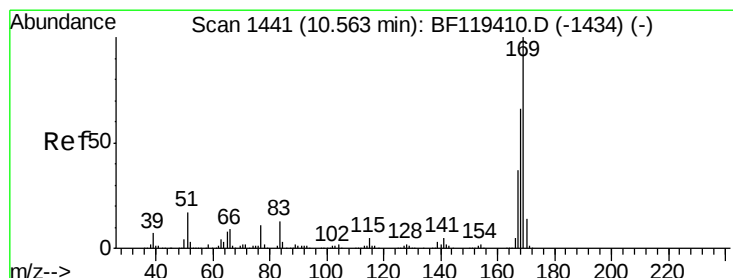
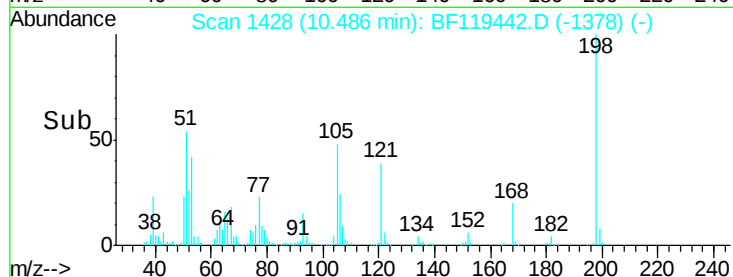
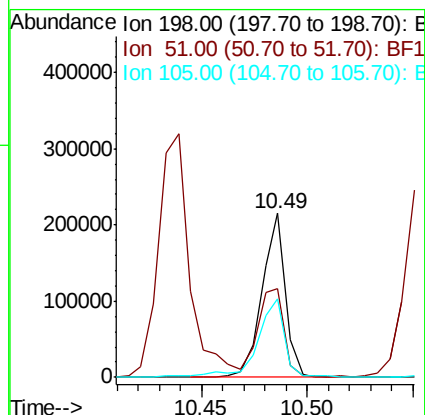
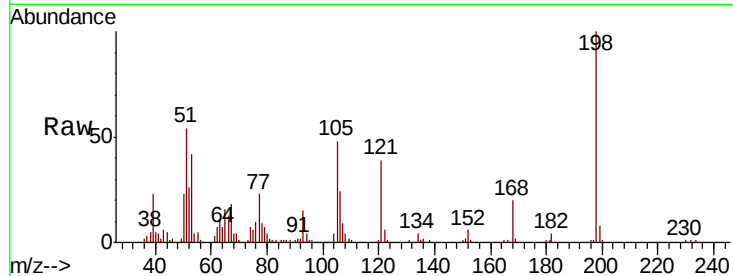




#65
4,6-Dinitro-2-methylphenol
Concen: 40.183 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

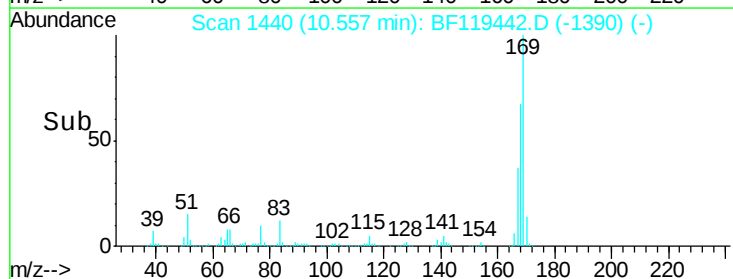
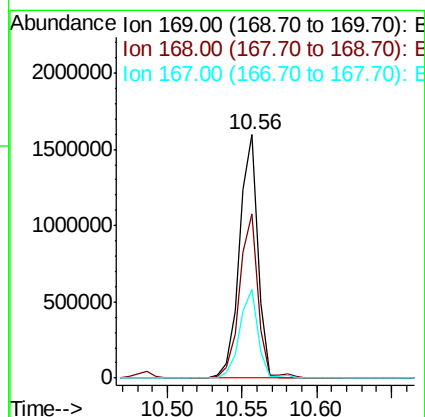
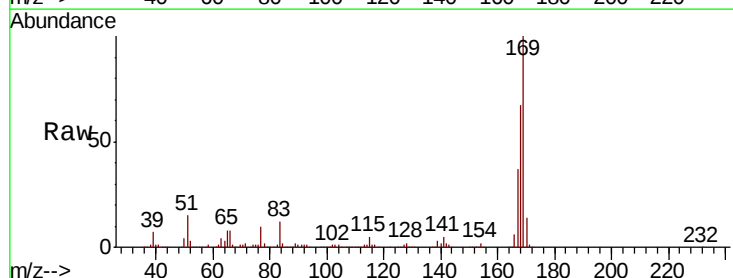
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

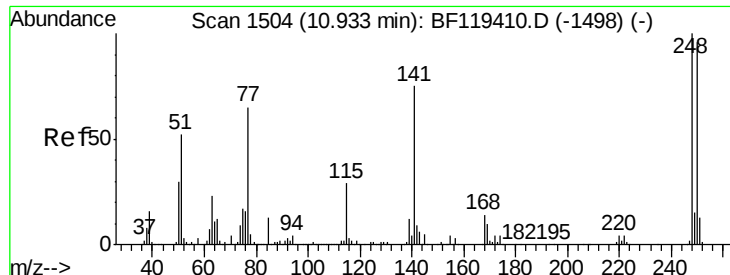
Tot Ion:198 Resp: 164568
Ion Ratio Lower Upper
198 100
51 53.9 33.1 73.1
105 47.6 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 43.054 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:169 Resp: 1380431
Ion Ratio Lower Upper
169 100
168 67.4 52.7 79.1
167 36.6 29.3 43.9

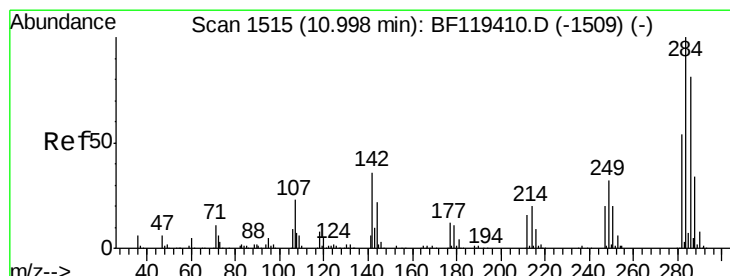
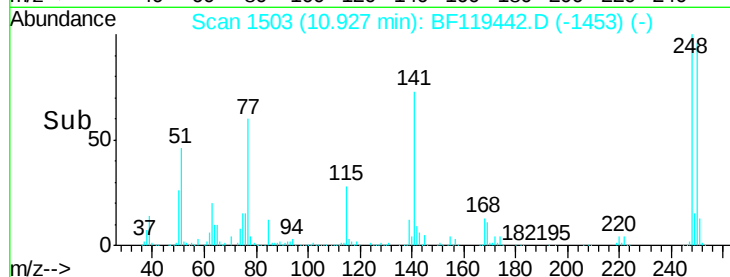
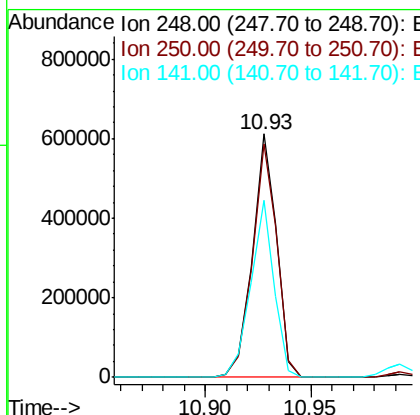
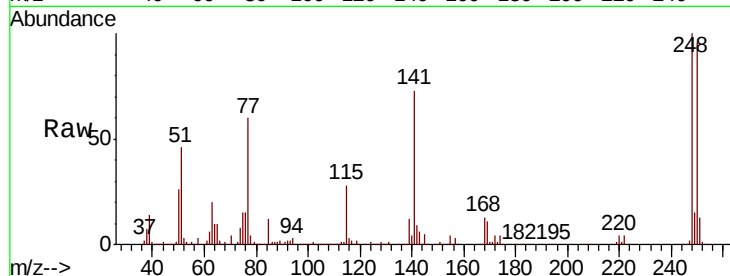




#67
 4-Bromophenyl-phenylether
 Concen: 43.697 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

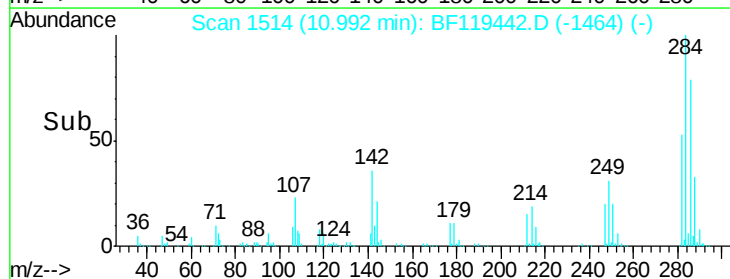
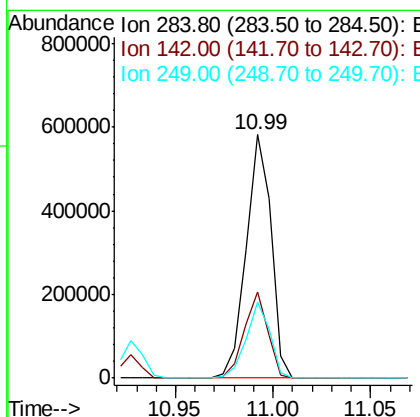
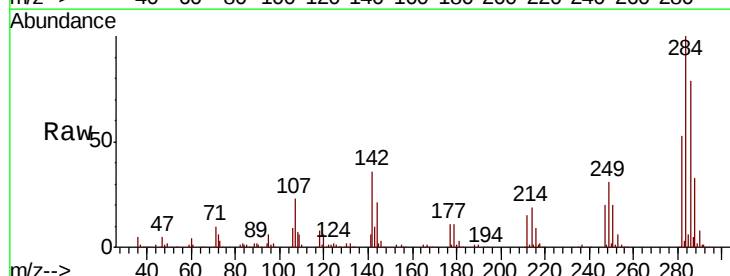
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

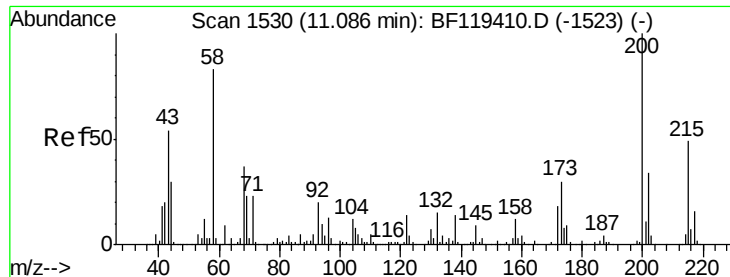
Tot Ion:248 Resp: 486042
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.0 115.6
 141 73.0 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 45.050 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:284 Resp: 512860
 Ion Ratio Lower Upper
 284 100
 142 35.6 28.7 43.1
 249 31.4 25.4 38.0





#69

Atrazine

Concen: 41.633 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

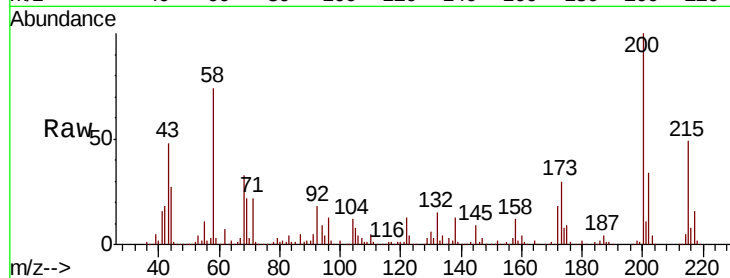
Tot Ion:200 Resp: 365957

Ion Ratio Lower Upper

200 100

173 30.1 9.9 49.9

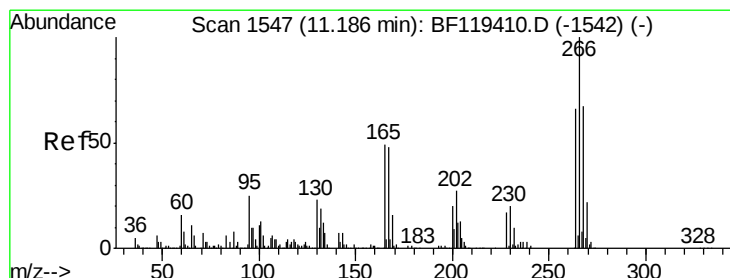
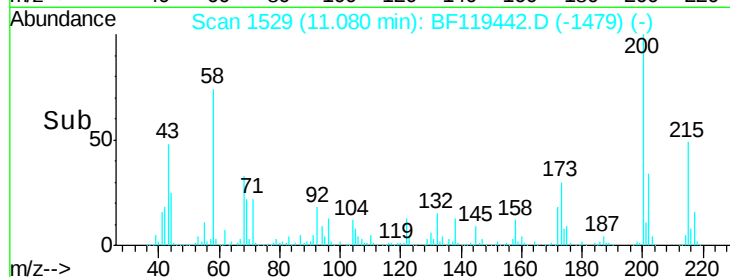
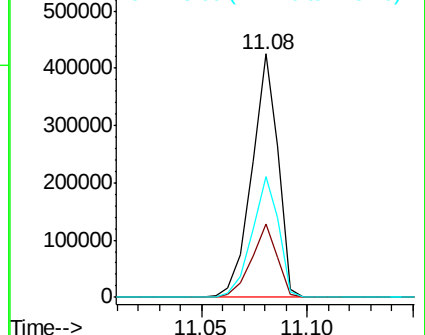
215 49.4 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.240 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

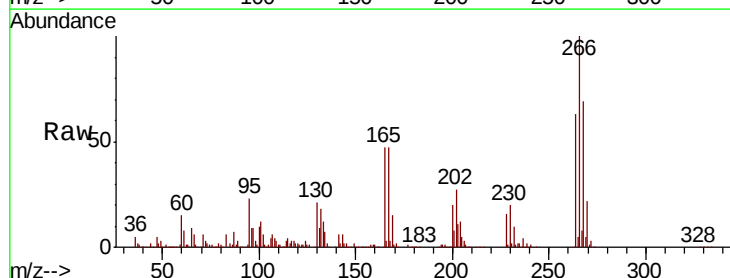
Tgt Ion:266 Resp: 301985

Ion Ratio Lower Upper

266 100

268 68.6 53.7 80.5

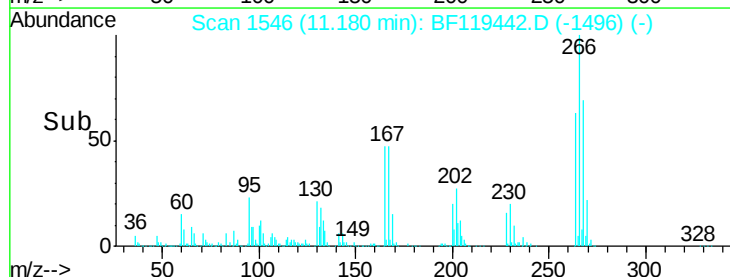
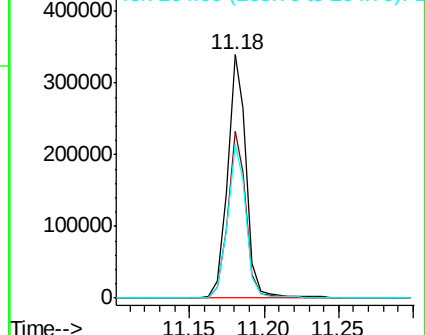
264 63.0 52.5 78.7

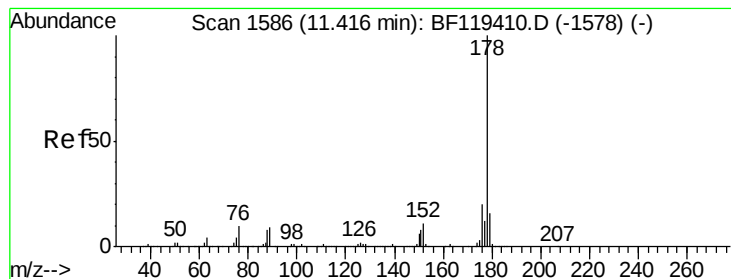


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.568 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

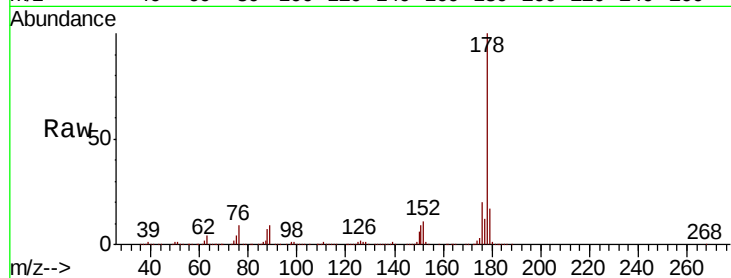
Tot Ion:178 Resp: 2206415

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

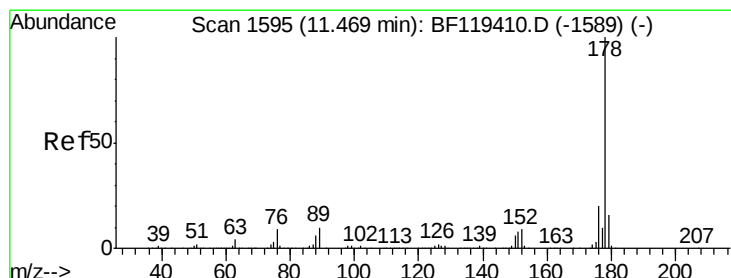
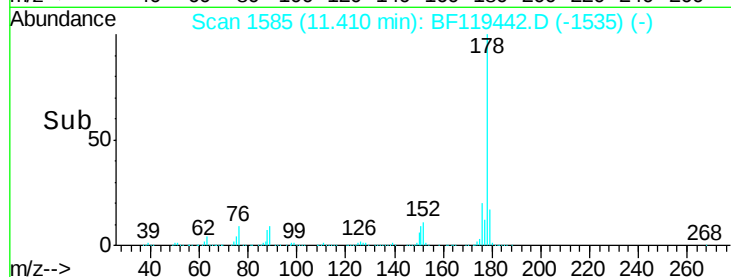
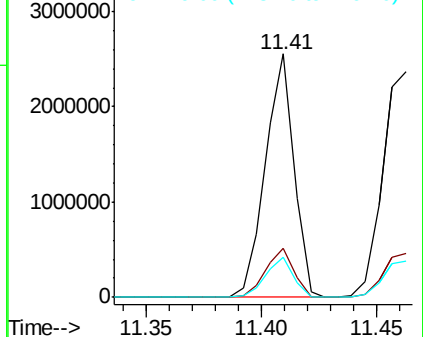
179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.369 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

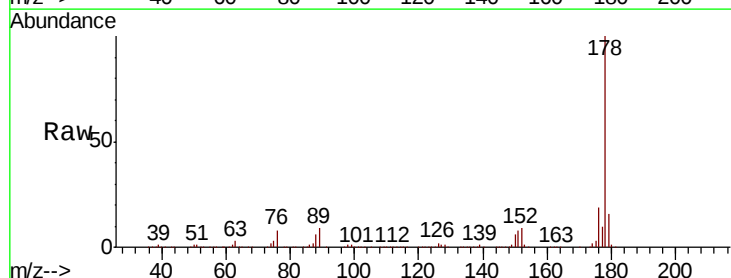
Tgt Ion:178 Resp: 2232241

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

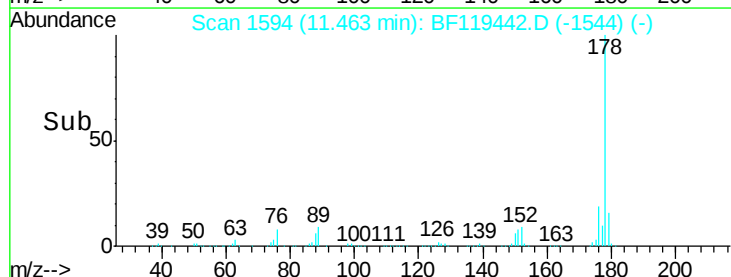
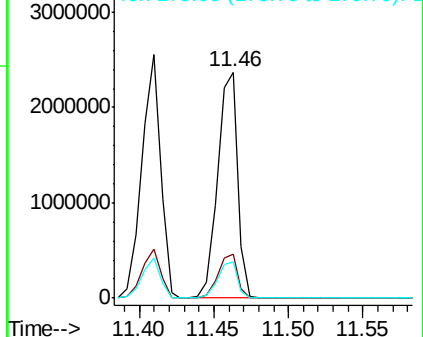
179 16.1 13.1 19.7

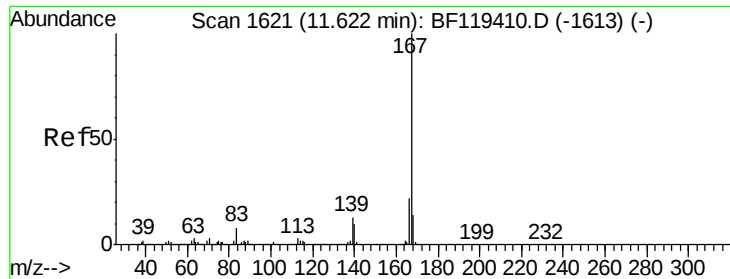


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.895 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

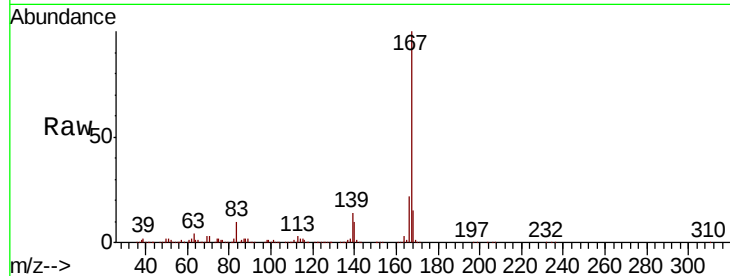
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2236287

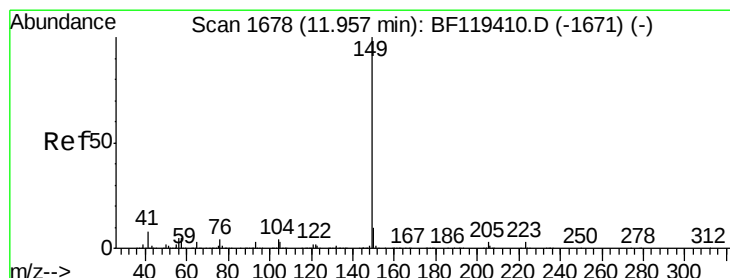
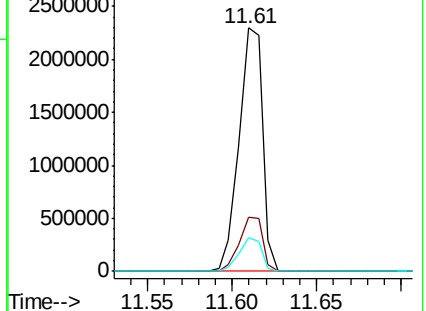
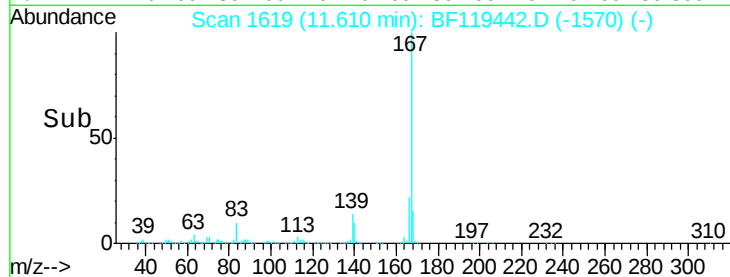
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.6	10.2	15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.904 ng

RT: 11.95 min Scan# 1677

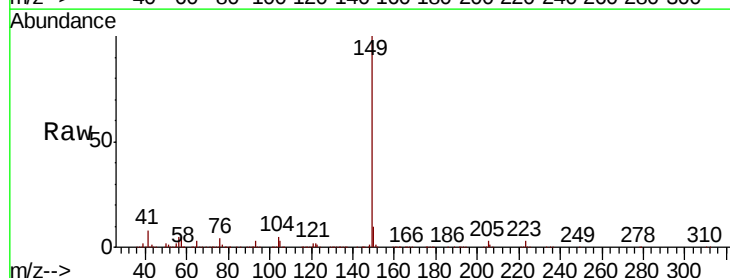
Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Tgt Ion:149 Resp: 2501696

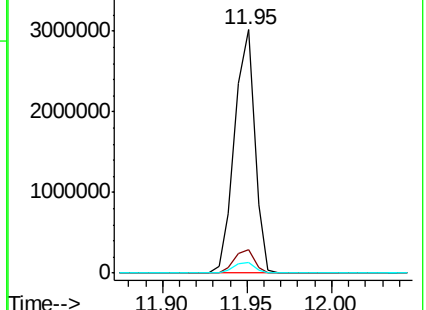
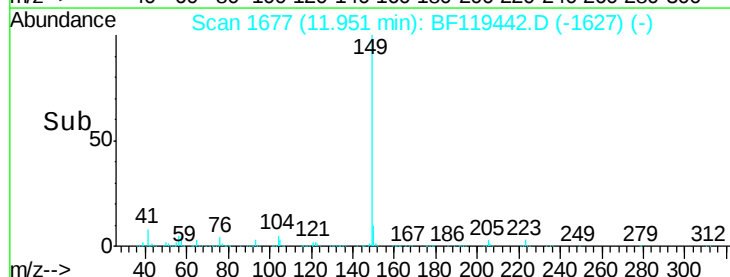
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.5	3.5	5.3

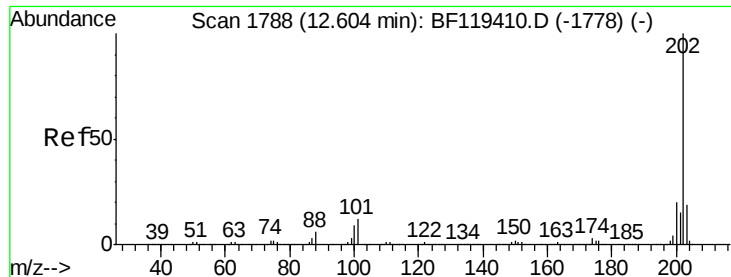


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

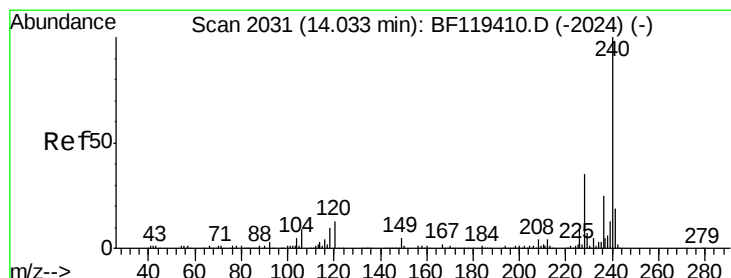
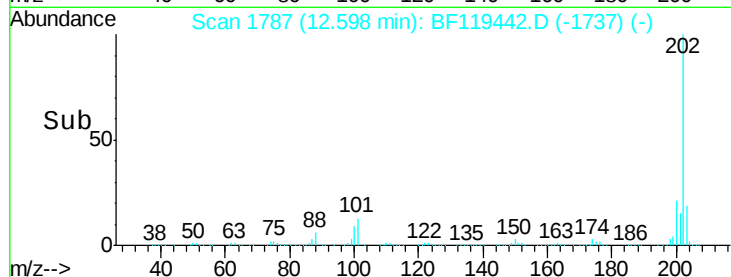
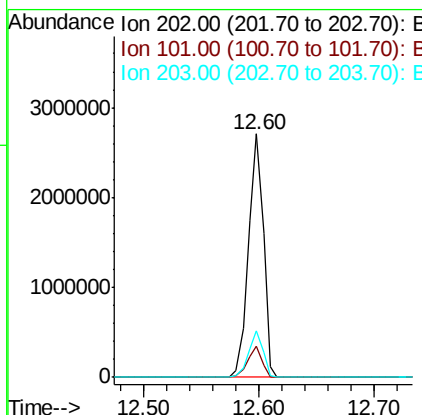
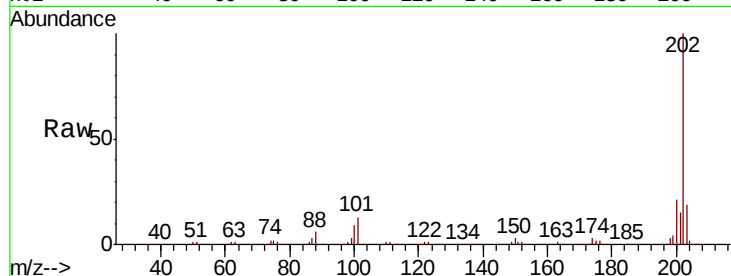




#75
 Fluoranthene
 Concen: 43.992 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

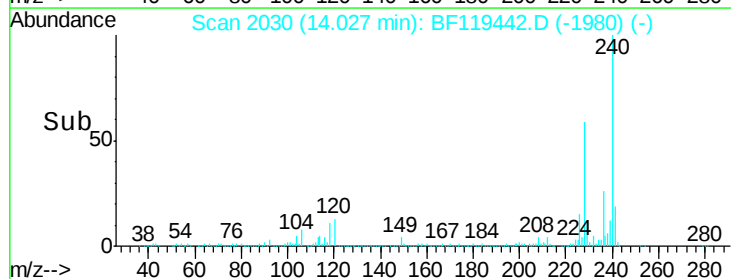
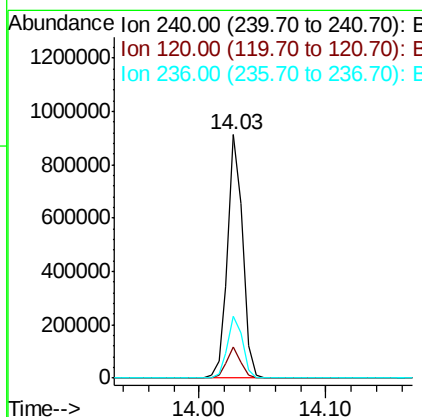
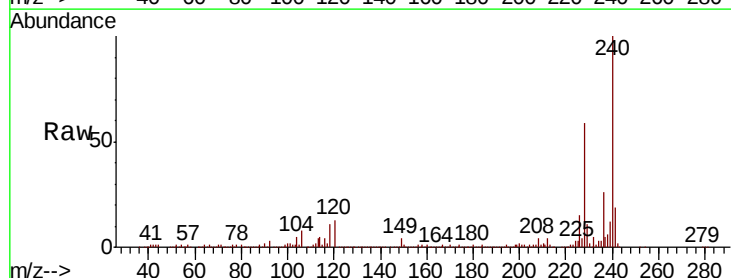
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

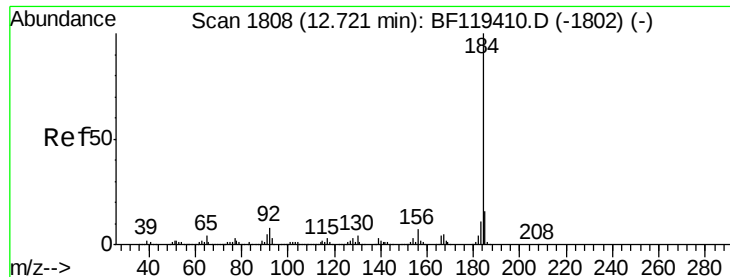
Tot Ion:202 Resp: 2411113
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 32.4
 203 19.1 0.0 38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:240 Resp: 751190
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.2 15.4
 236 25.6 20.4 30.6





#77

Benzidine

Concen: 40.711 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

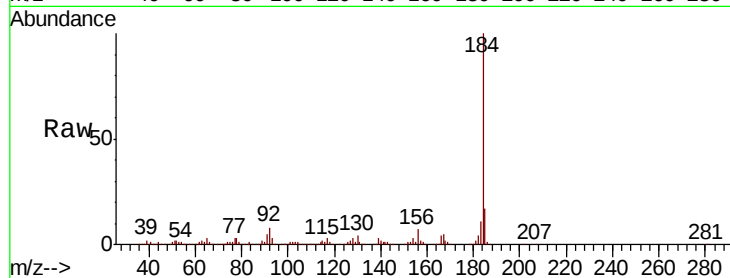
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1294213

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.9	19.3
183	11.0	9.0	13.4

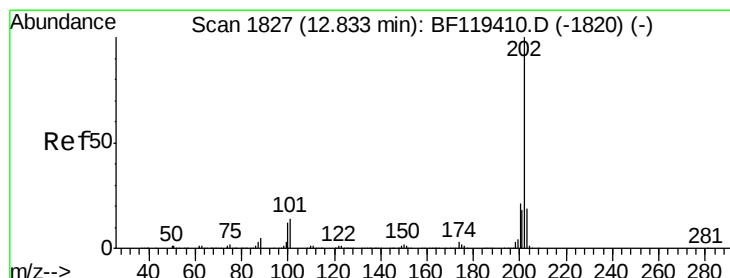
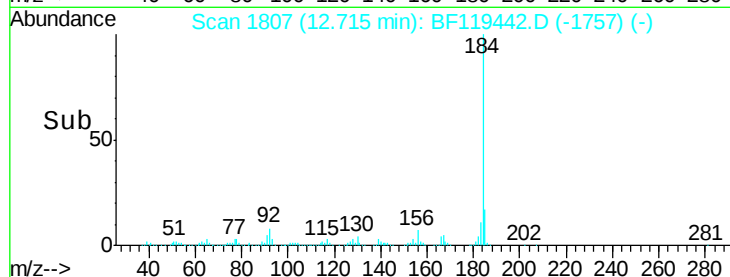
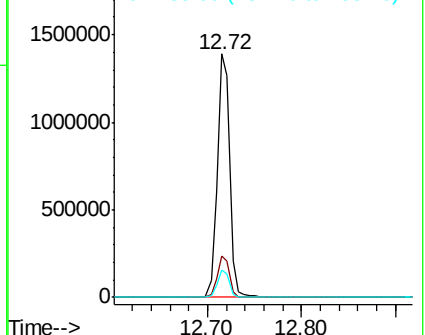


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.644 ng

RT: 12.83 min Scan# 1826

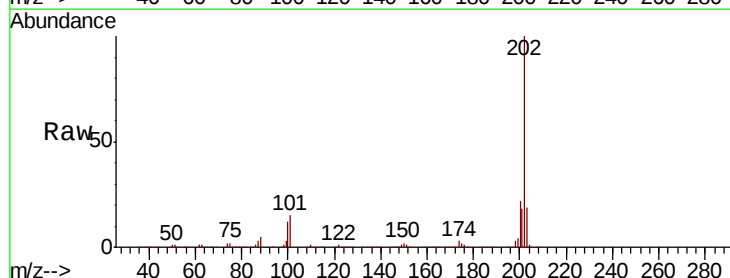
Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Tgt Ion:202 Resp: 2505703

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	18.7	14.8	22.2

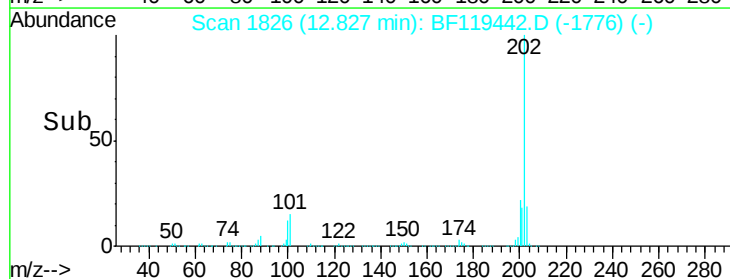
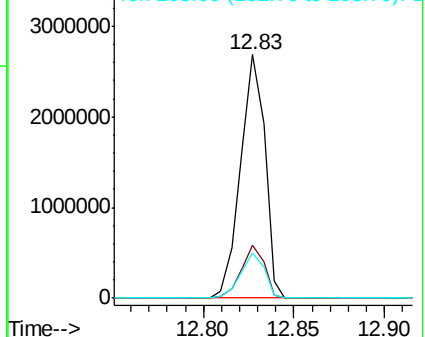


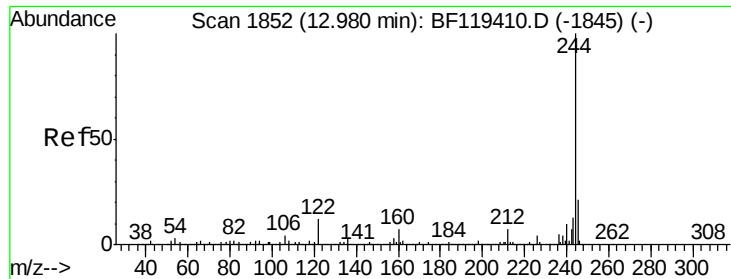
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

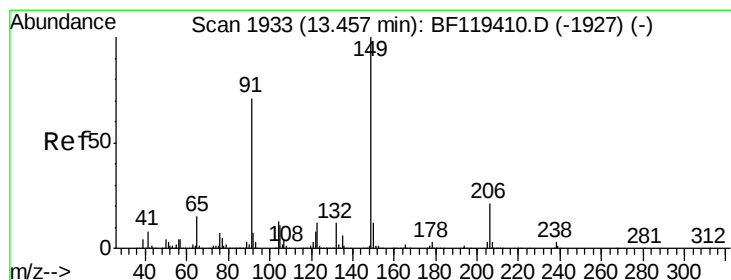
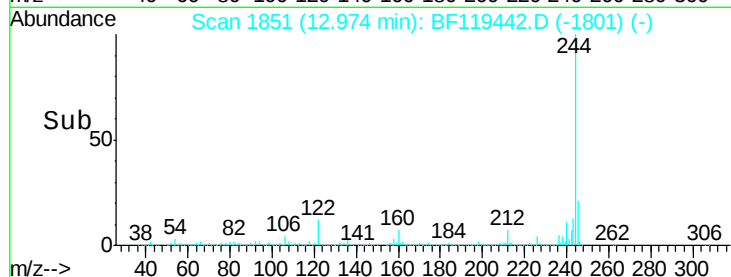
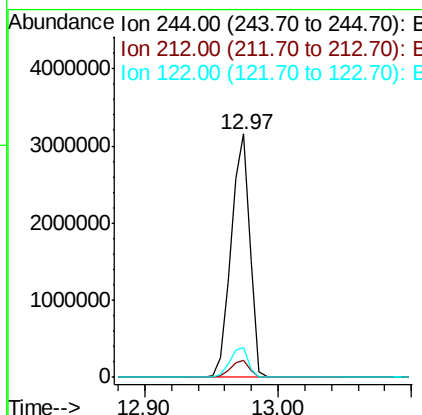
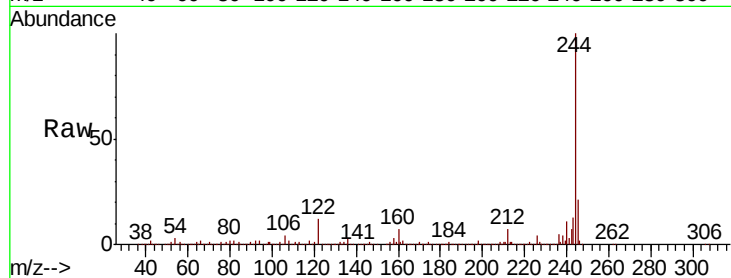




#79
 Terphenyl-d14
 Concen: 81.544 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

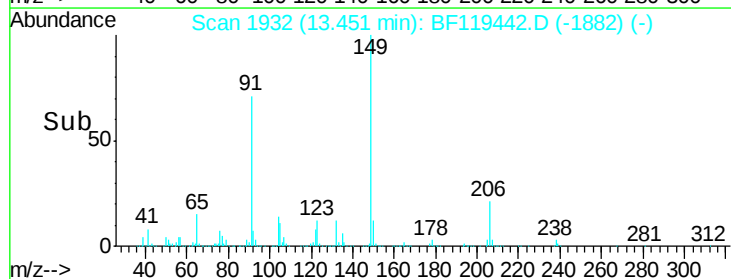
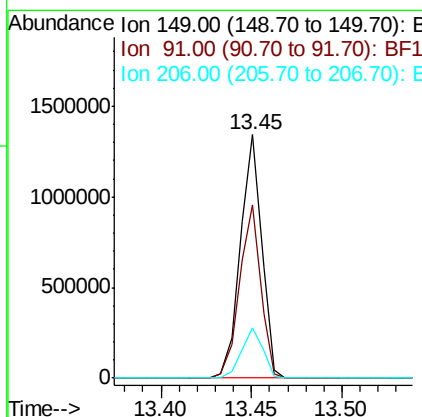
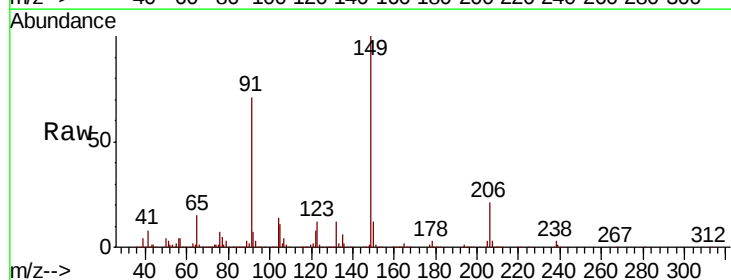
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

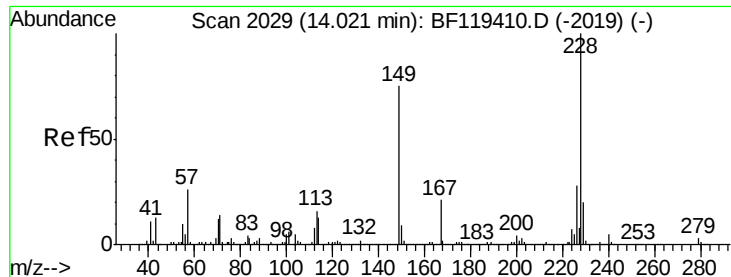
Tot Ion:244 Resp: 3126518
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.4 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 43.986 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119442.D
 Acq: 19 Mar 2020 16:54

Tgt Ion:149 Resp: 1096755
 Ion Ratio Lower Upper
 149 100
 91 71.3 57.0 85.6
 206 20.7 16.4 24.6

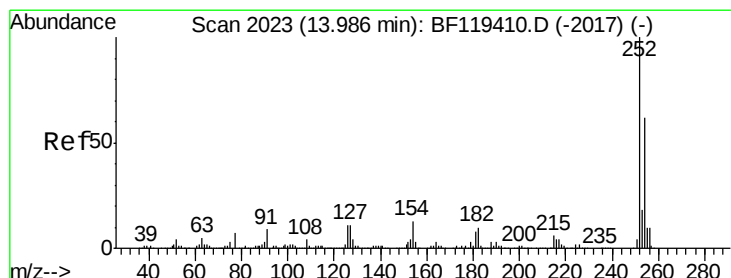
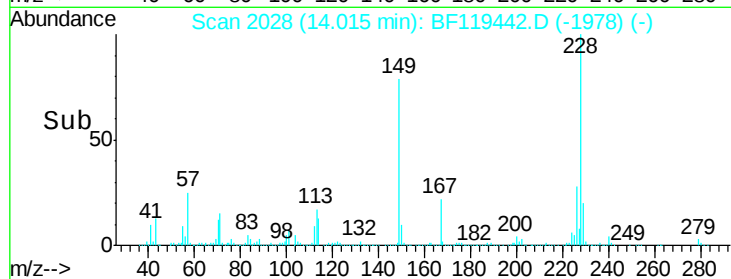
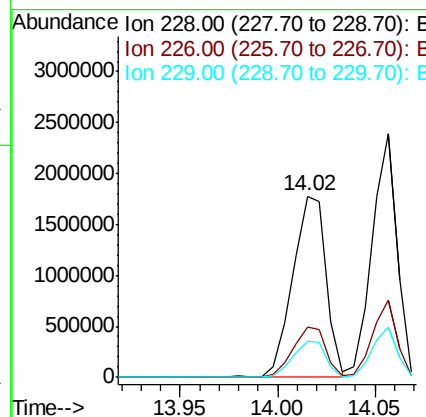
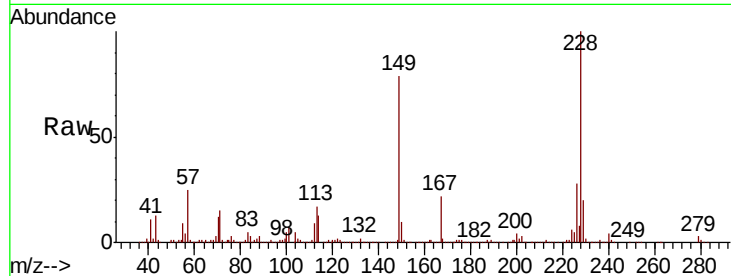




#81
Benzo(a)anthracene
Concen: 42.947 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

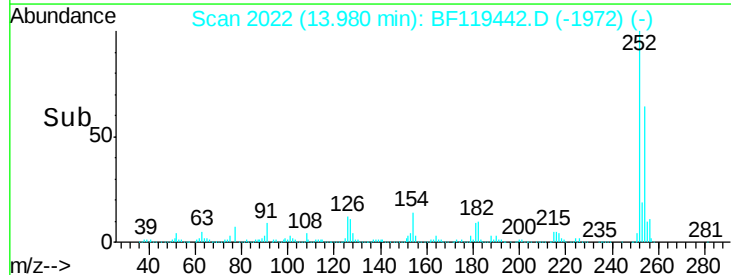
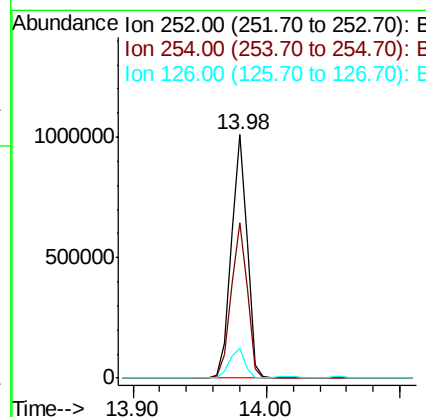
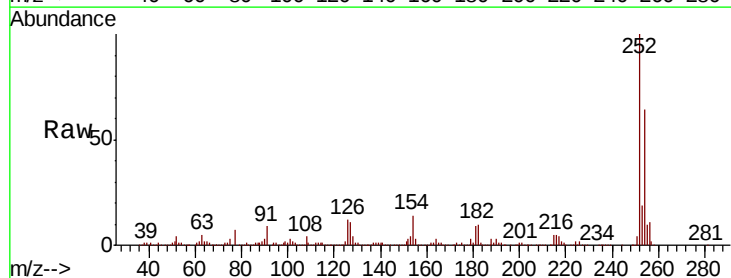
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

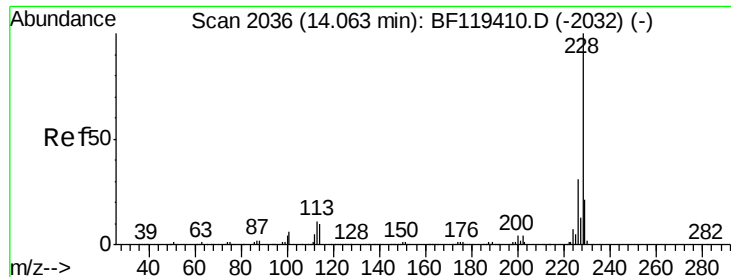
Tot Ion:228 Resp: 2097906
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 44.170 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:252 Resp: 850728
Ion Ratio Lower Upper
252 100
254 64.0 49.8 74.8
126 12.2 8.9 13.3





#83

Chrysene

Concen: 41.999 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

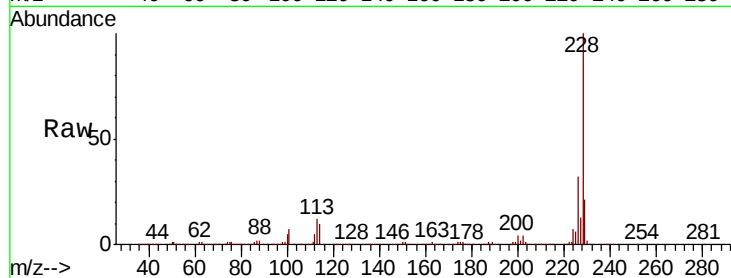
Tot Ion:228 Resp: 2117335

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

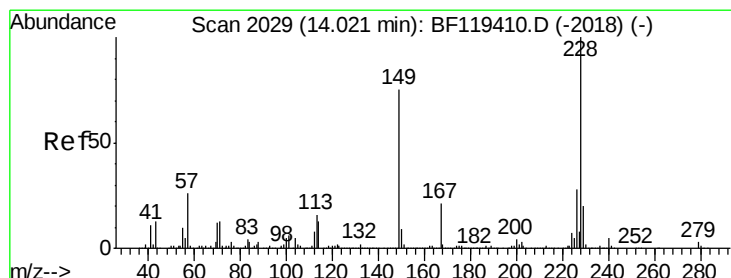
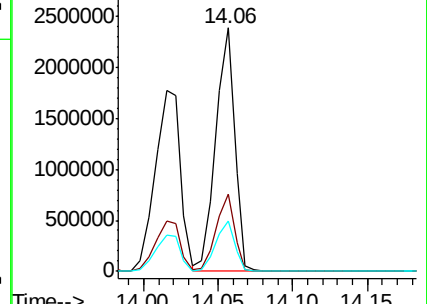
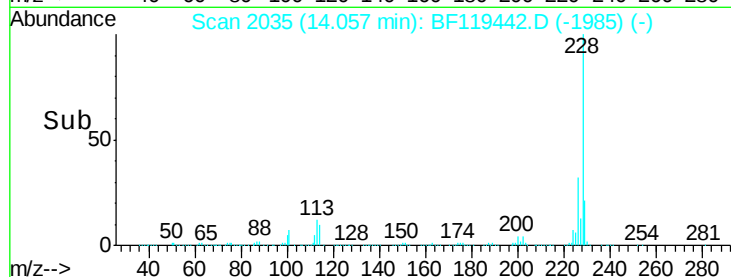
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.499 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

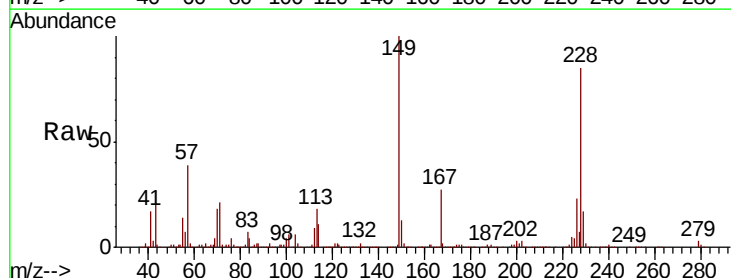
Tgt Ion:149 Resp: 1352416

Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

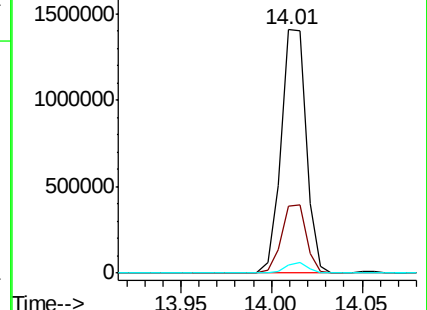
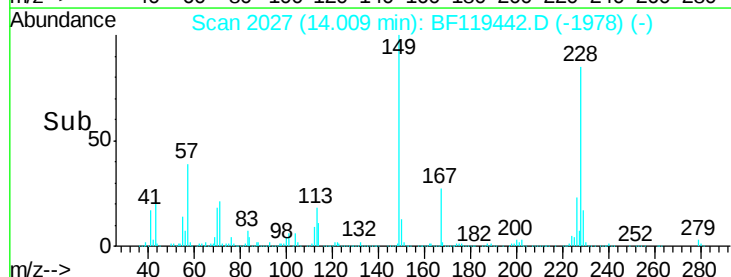
279 3.2 3.2 4.8#

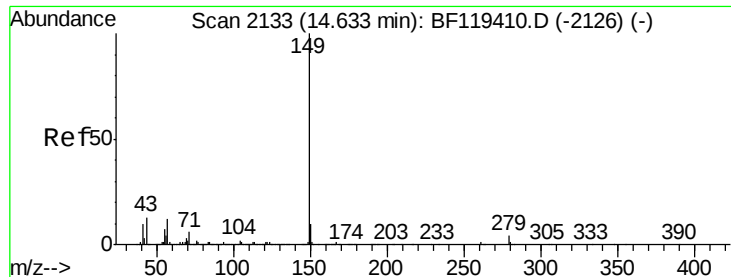


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.657 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

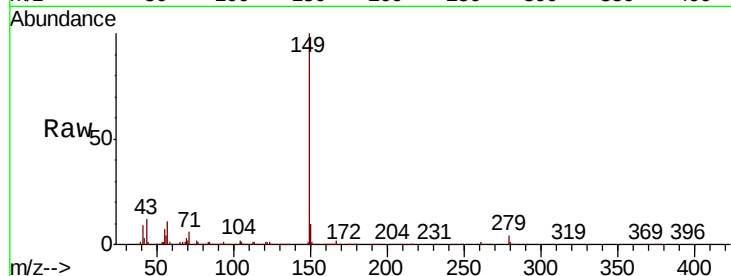
Tot Ion:149 Resp: 2491316

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

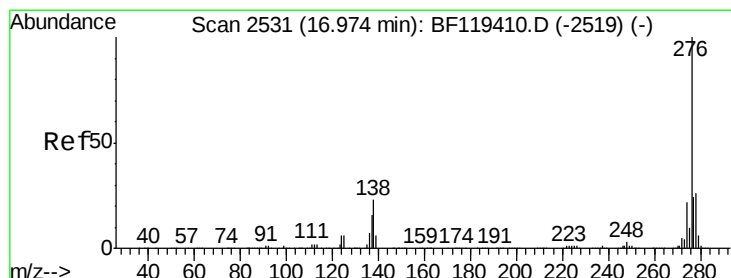
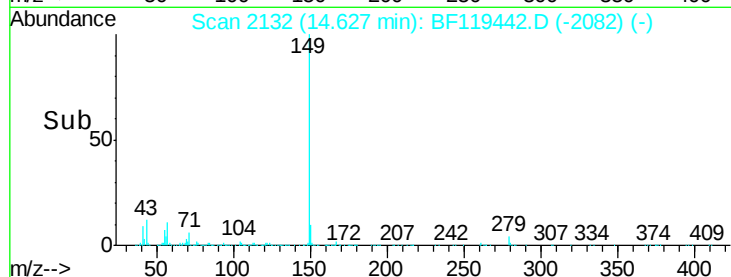
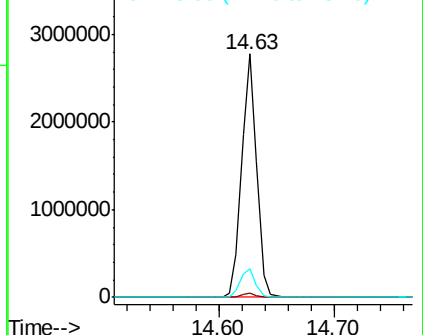
43 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.501 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

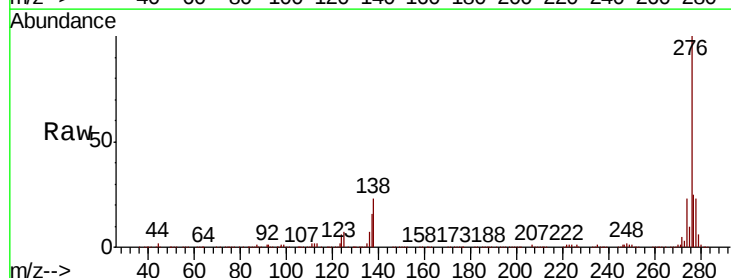
Tgt Ion:276 Resp: 1970488

Ion Ratio Lower Upper

276 100

138 25.6 21.3 31.9

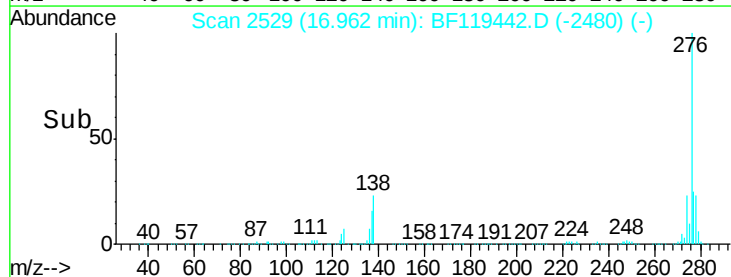
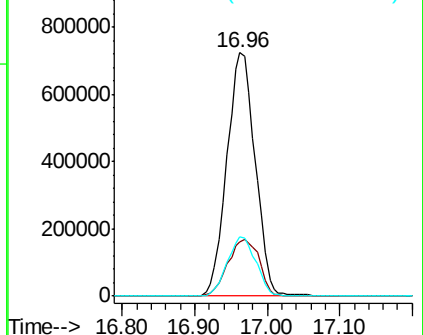
277 24.7 20.2 30.2

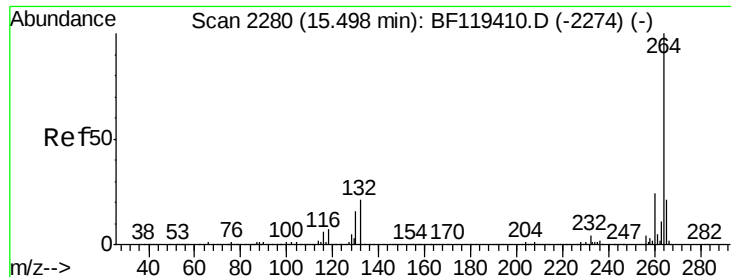


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

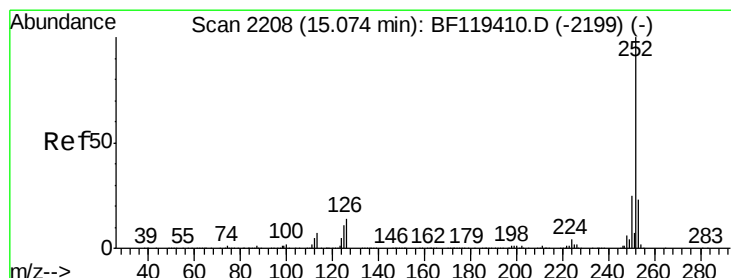
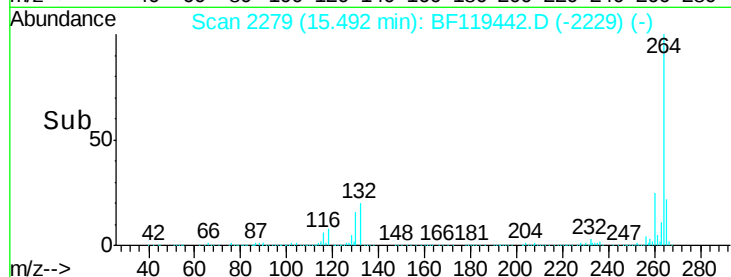
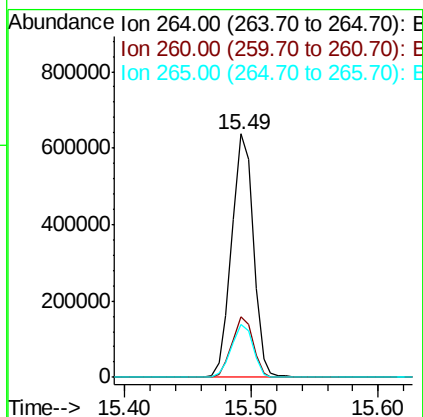
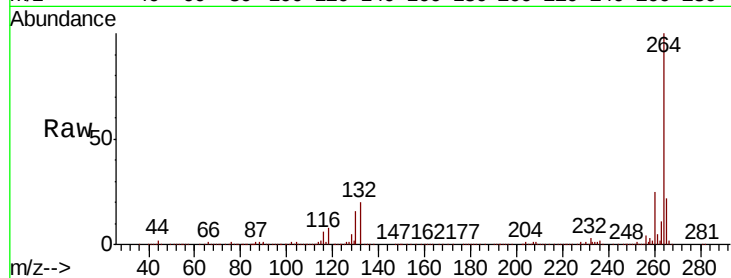




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

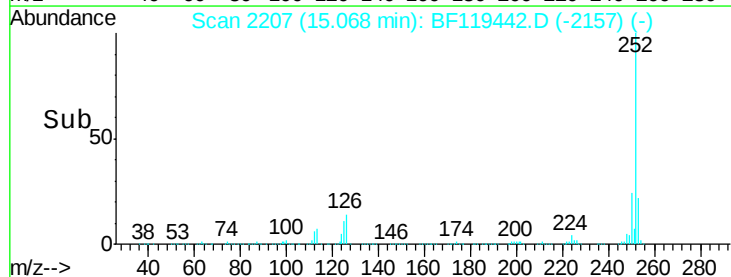
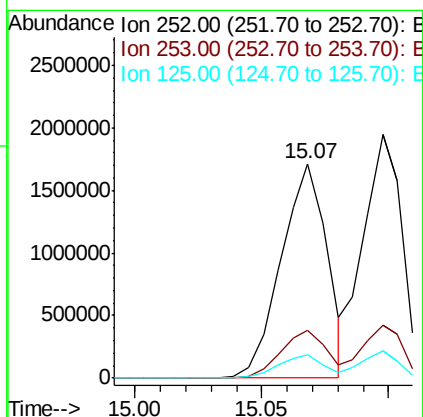
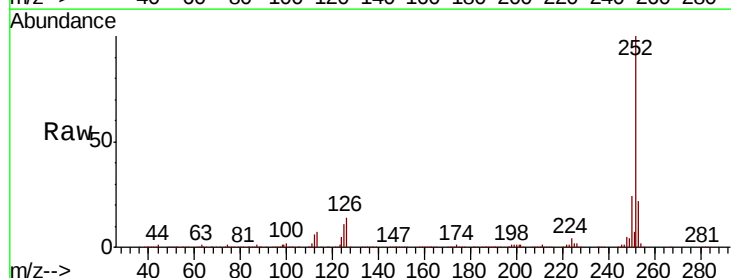
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

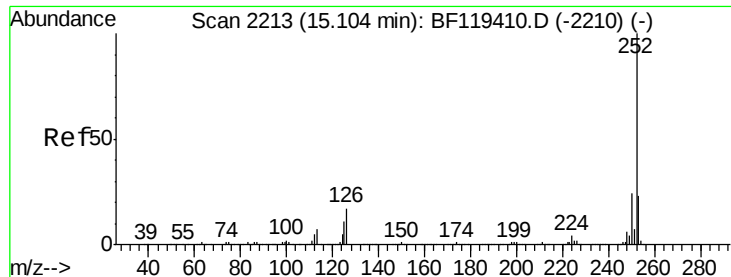
Tot Ion:264 Resp: 753605
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.9 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 42.817 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:252 Resp: 2155432
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.9 8.8 13.2

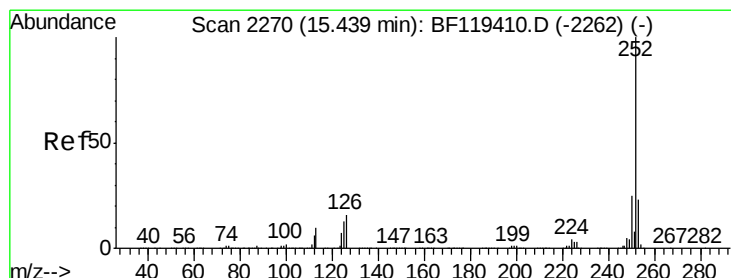
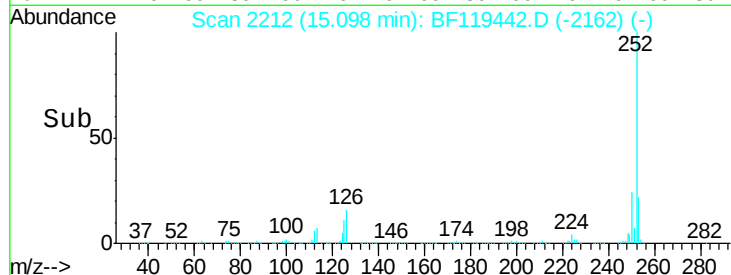
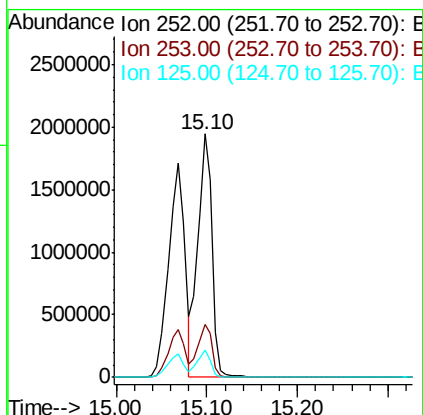
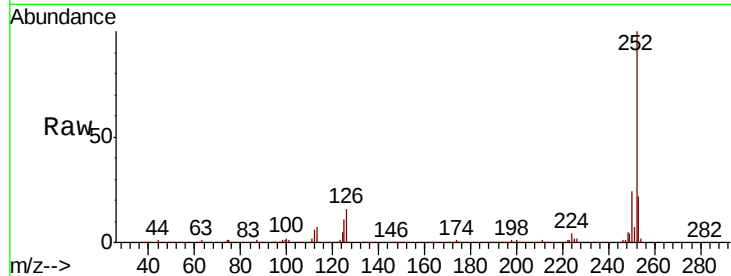




#89
Benzo(k)fluoranthene
Concen: 44.018 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

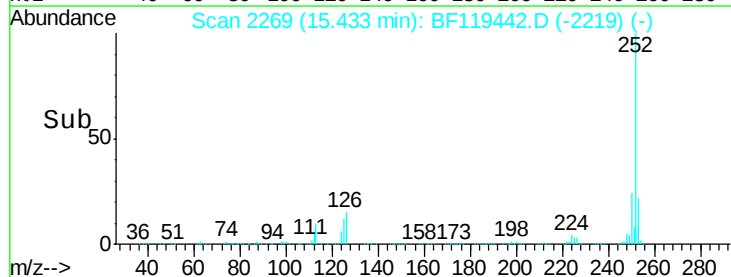
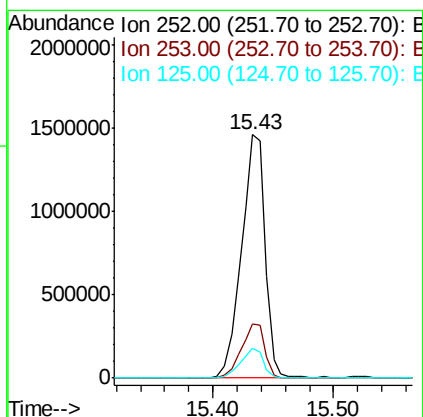
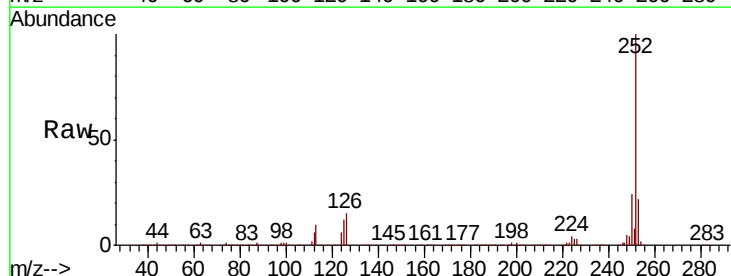
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

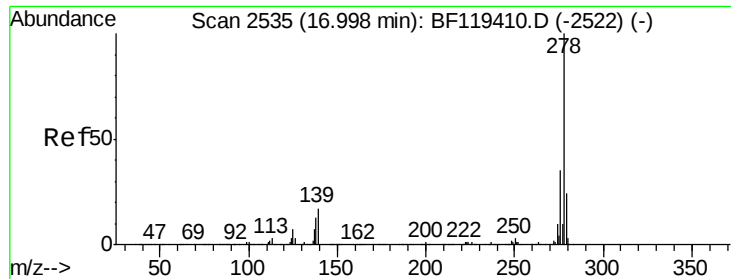
Tot Ion:252 Resp: 2109990
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 43.659 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119442.D
Acq: 19 Mar 2020 16:54

Tgt Ion:252 Resp: 1997374
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.2 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 39.782 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

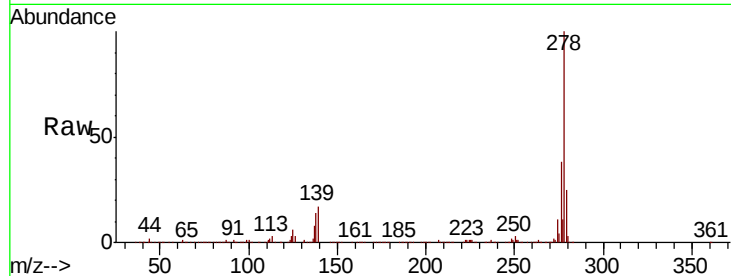
Tot Ion:278 Resp: 1591860

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

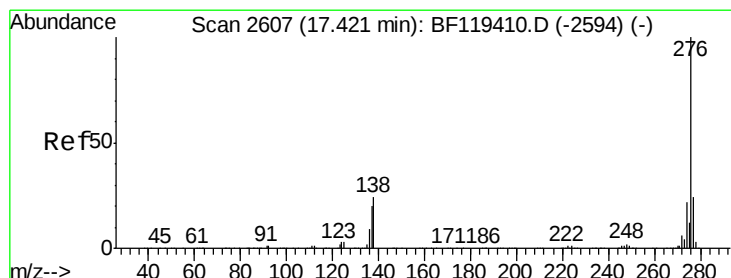
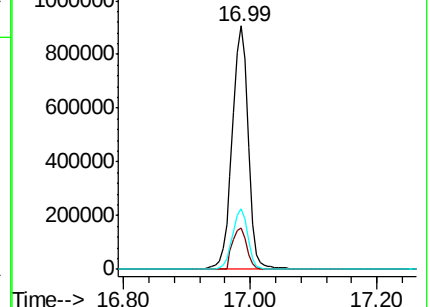
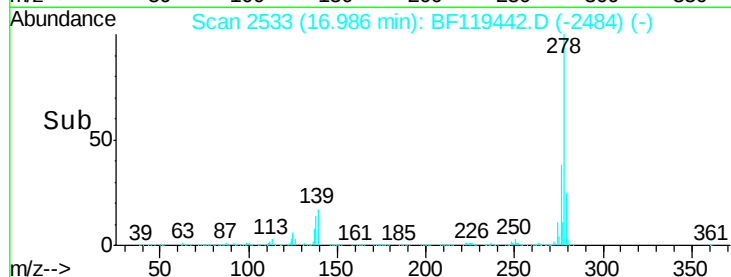
279 25.1 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.760 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119442.D

Acq: 19 Mar 2020 16:54

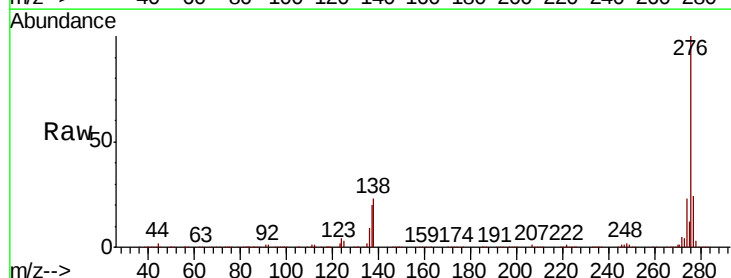
Tgt Ion:276 Resp: 1517960

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 22.7 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

