

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119500.D
 Acq On : 25 Mar 2020 11:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 25 14:00:50 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	351282	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1301583	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	681090	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1302064	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	960188	20.00	ng	0.00
87) Perylene-d12	15.49	264	850279	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1746685	79.15	ng	0.00
7) Phenol-d6	6.47	99	2212648	78.49	ng	0.00
23) Nitrobenzene-d5	7.42	82	2042247	85.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	658878	93.77	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	3653186	79.46	ng	0.00
79) Terphenyl-d14	12.97	244	4059845	82.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	396094	36.344	ng	98
3) Pyridine	3.33	79	1095361	36.482	ng	98
4) n-Nitrosodimethylamine	3.28	42	531467	36.297	ng	99
6) Aniline	6.51	93	1510599	38.828	ng	100
8) 2-Chlorophenol	6.63	128	957867	41.329	ng	96
9) Benzaldehyde	6.39	77	687314	38.436	ng	99
10) Phenol	6.49	94	1268309	42.167	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	979225	40.706	ng	95
12) 1,3-Dichlorobenzene	6.79	146	1059343	42.232	ng	100
13) 1,4-Dichlorobenzene	6.86	146	1042927	41.567	ng	99
14) 1,2-Dichlorobenzene	7.02	146	980981	41.830	ng	98
15) Benzyl Alcohol	6.99	79	869007	40.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1956182	40.315	ng	98
17) 2-Methylphenol	7.10	107	861688	40.579	ng	99
18) Hexachloroethane	7.36	117	399581	43.458	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	705059	41.497	ng	95
20) 3+4-Methylphenols	7.25	107	1049477	40.327	ng	94
22) Acetophenone	7.26	105	1248130	40.132	ng	# 89
24) Nitrobenzene	7.43	77	1060500	41.435	ng	96
25) Isophorone	7.67	82	1993517	41.034	ng	98
26) 2-Nitrophenol	7.75	139	505198	50.132	ng	97
27) 2,4-Dimethylphenol	7.78	122	816840	39.200	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1214615	42.280	ng	99
29) 2,4-Dichlorophenol	7.99	162	806966	42.147	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	899281	42.471	ng	99
31) Naphthalene	8.16	128	2703226	40.358	ng	99
32) Benzoic acid	7.91	122	688865	51.393	ng	98
33) 4-Chloroaniline	8.20	127	1218271	39.694	ng	97
34) Hexachlorobutadiene	8.27	225	539116	45.507	ng	97
35) Caprolactam	8.58	113	223809	35.717	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	867014	41.432	ng	100
37) 2-Methylnaphthalene	8.85	142	1838276	41.818	ng	99
38) 1-Methylnaphthalene	8.95	142	1736121	41.726	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	846586	42.407	ng	99

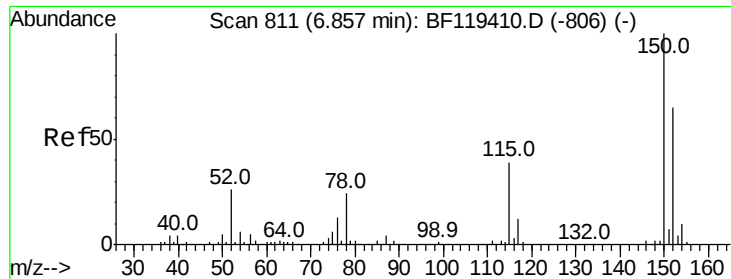
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	450729	39.714	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	622535	43.576	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	678600	42.402	ng	99
46) 1,1'-Biphenyl	9.32	154	2276053	41.031	ng	98
47) 2-Chloronaphthalene	9.34	162	1769600	40.726	ng	99
48) 2-Nitroaniline	9.43	65	660644	44.049	ng	97
49) Acenaphthylene	9.76	152	2736677	40.107	ng	99
50) Dimethylphthalate	9.62	163	2065054	42.686	ng	99
51) 2,6-Dinitrotoluene	9.67	165	464768	44.820	ng	94
52) Acenaphthene	9.93	154	1760587	41.388	ng	99
53) 3-Nitroaniline	9.85	138	547026	41.785	ng	98
54) 2,4-Dinitrophenol	9.95	184	214430	50.718	ng	94
55) Dibenzofuran	10.10	168	2477885	40.628	ng	98
56) 4-Nitrophenol	9.99	139	425607	41.211	ng	88
57) 2,4-Dinitrotoluene	10.08	165	617560	47.276	ng	100
58) Fluorene	10.45	166	1867755	41.413	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	524705	43.862	ng	98
60) Diethylphthalate	10.32	149	2195544	44.715	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	951235	43.130	ng	98
62) 4-Nitroaniline	10.46	138	531908	42.370	ng	99
63) Azobenzene	10.59	77	2030238	41.060	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	291734	53.432	ng	94
66) n-Nitrosodiphenylamine	10.55	169	1760002	41.175	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	646273	43.582	ng	93
68) Hexachlorobenzene	10.99	284	657801	43.342	ng	93
69) Atrazine	11.08	200	521071	44.466	ng	99
70) Pentachlorophenol	11.18	266	408406	45.893	ng	97
71) Phenanthrene	11.40	178	2738657	40.563	ng	99
72) Anthracene	11.46	178	2799151	40.793	ng	99
73) Carbazole	11.61	167	2701457	39.775	ng	98
74) Di-n-butylphthalate	11.95	149	3418549	47.052	ng	98
75) Fluoranthene	12.59	202	2996676	41.012	ng	99
77) Benzidine	12.72	184	1293302	31.827	ng	99
78) Pyrene	12.83	202	3089561	39.207	ng	99
80) Butylbenzylphthalate	13.45	149	1568352	49.208	ng	99
81) Benzo(a)anthracene	14.02	228	2454331	39.307	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	1030873	41.873	ng	97
83) Chrysene	14.05	228	2548963	39.556	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	2084206	54.857	ng	99
85) Di-n-octyl phthalate	14.62	149	3701071	55.389	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2235911	36.842	ng	97
88) Benzo(b)fluoranthene	15.06	252	2386009	42.008	ng	99
89) Benzo(k)fluoranthene	15.09	252	2369474	43.811	ng	100
90) Benzo(a)pyrene	15.43	252	2132396	41.311	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1840678	40.770	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1765000	38.913	ng	97

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

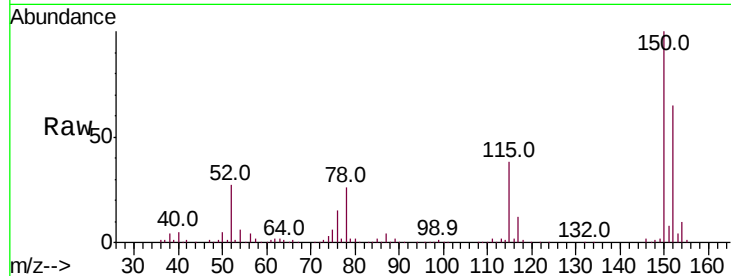


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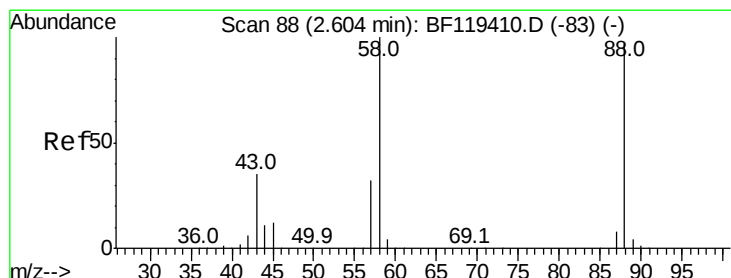
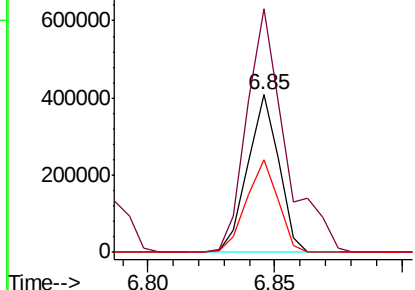
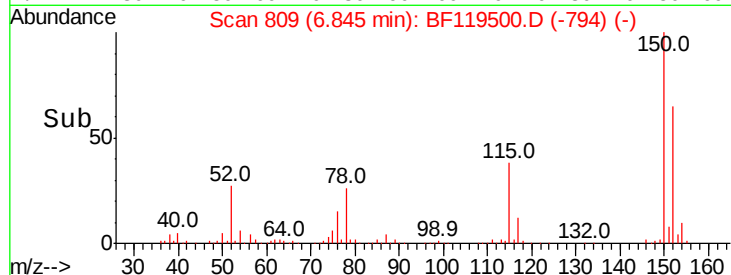
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 351282
Ion Ratio Lower Upper
152 100
150 154.6 123.9 185.9
115 59.1 47.8 71.6



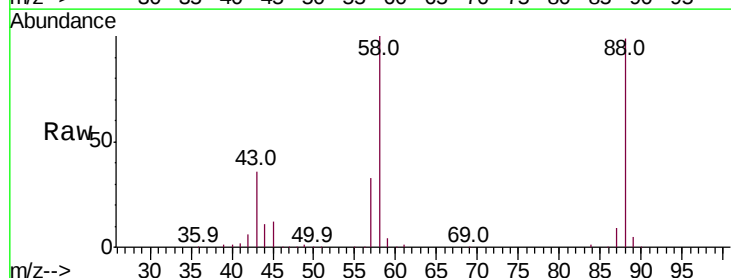
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



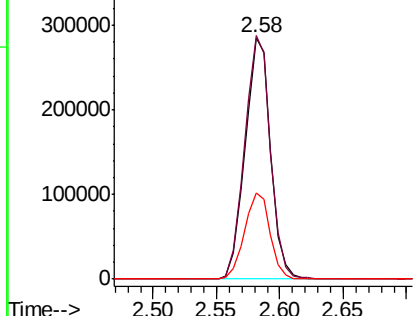
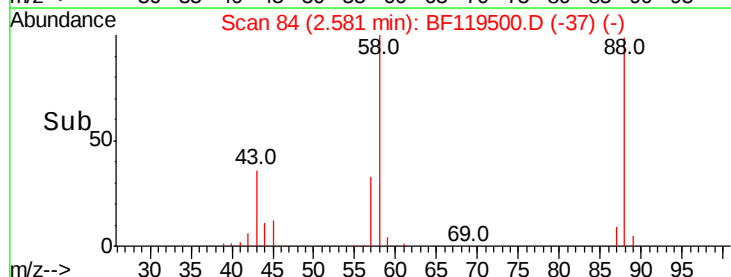
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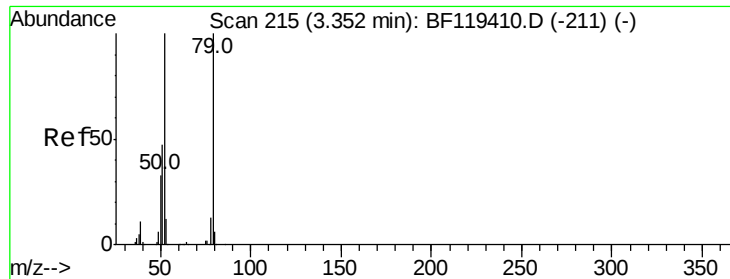
1,4-Dioxane
Concen: 36.344 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 88 Resp: 396094
Ion Ratio Lower Upper
88 100
58 101.9 79.4 119.2
43 36.0 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: 36.482 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

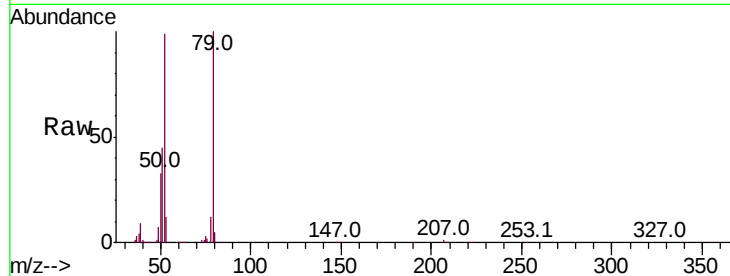
Tot Ion: 79 Resp: 1095361

Ion Ratio Lower Upper

79 100

52 98.9 80.0 120.0

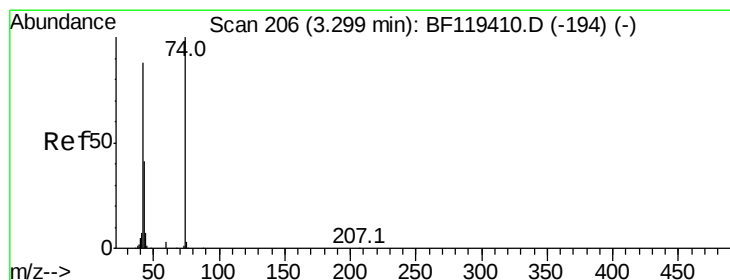
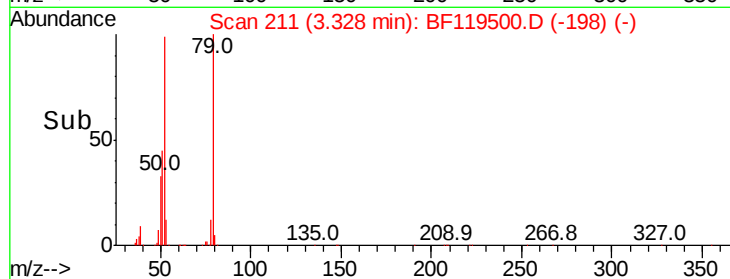
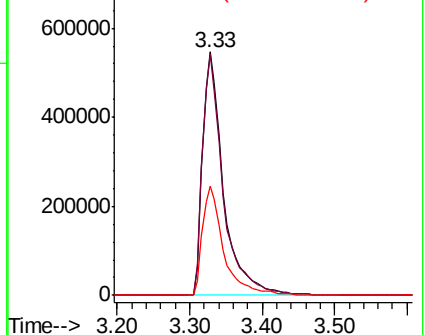
51 45.1 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.297 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

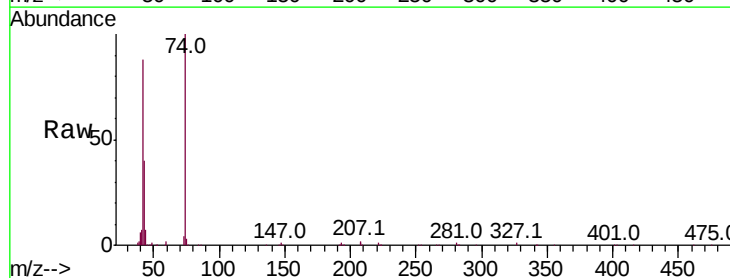
Tgt Ion: 42 Resp: 531467

Ion Ratio Lower Upper

42 100

74 113.0 91.3 136.9

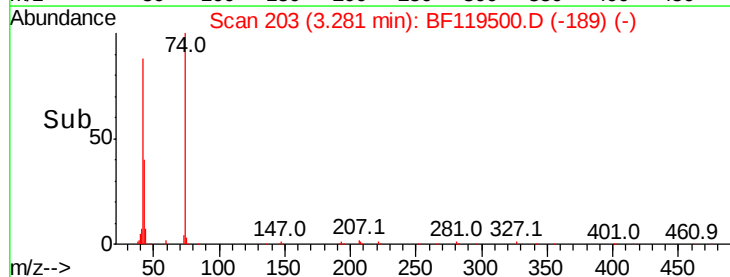
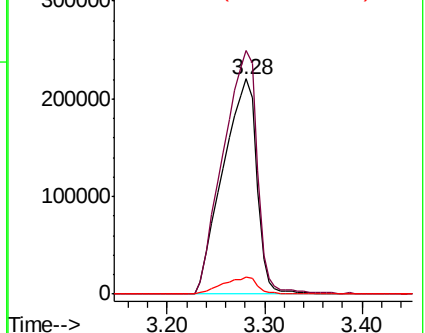
44 8.2 7.1 10.7

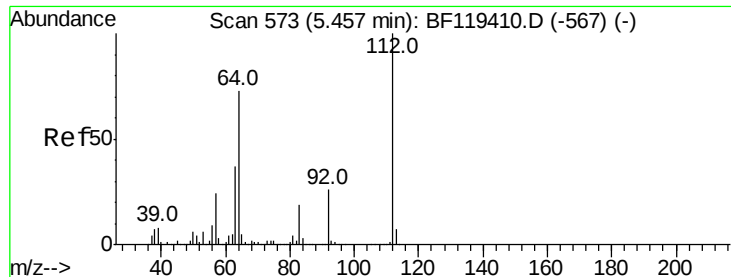


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.155 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

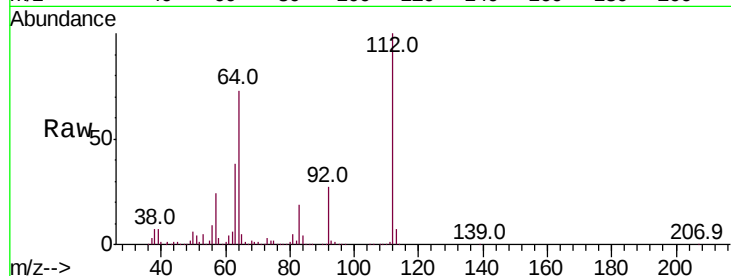
Tot Ion:112 Resp: 1746685

Ion Ratio Lower Upper

112 100

64 72.8 58.1 87.1

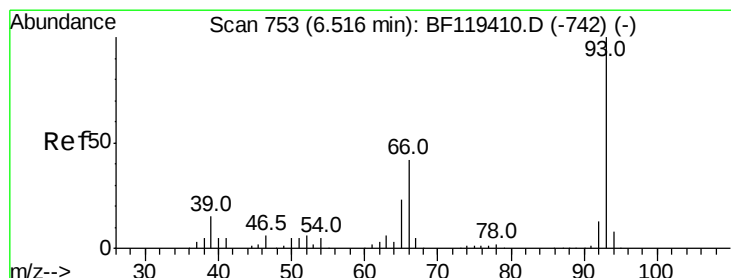
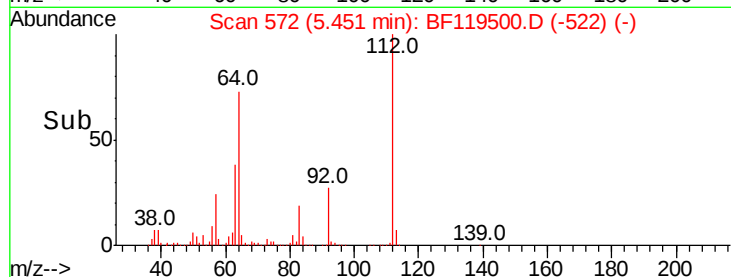
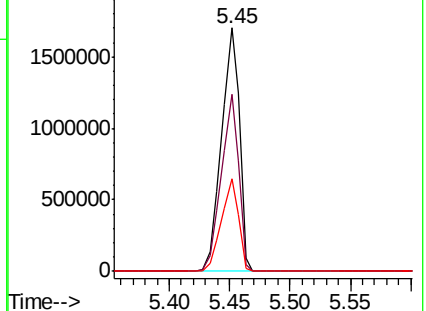
63 37.8 29.7 44.5



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: 38.828 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

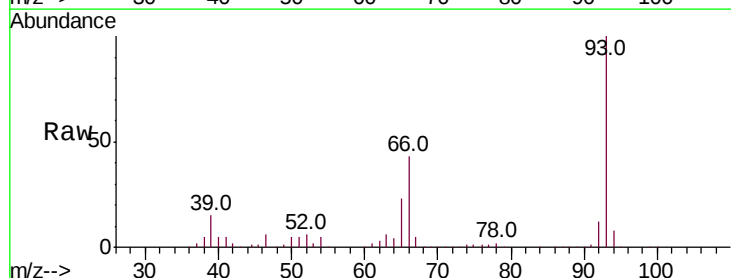
Tgt Ion: 93 Resp: 1510599

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.4

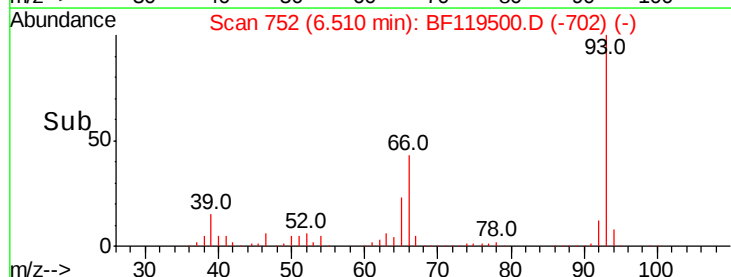
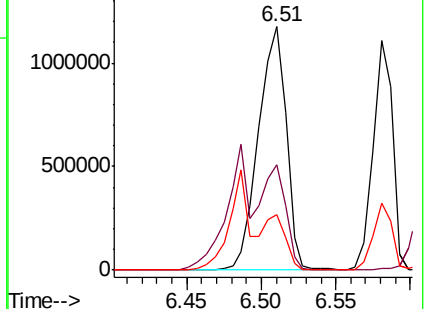
65 22.6 18.2 27.4

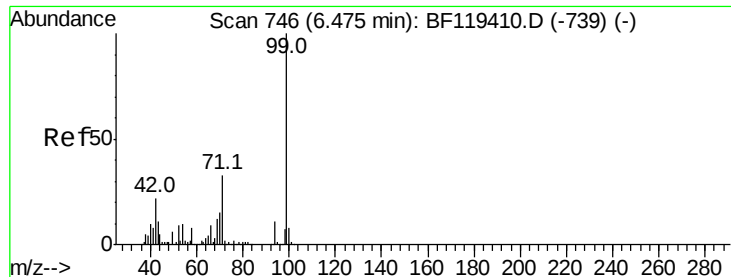


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.494 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

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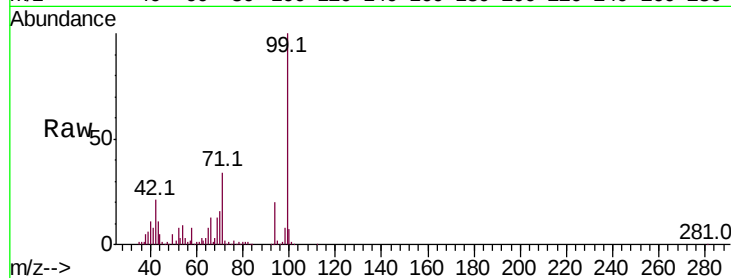
Tot Ion: 99 Resp: 2212648

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

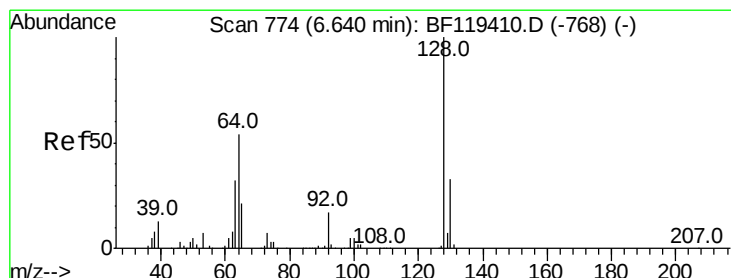
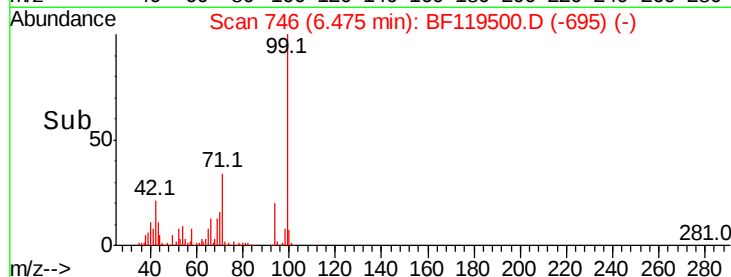
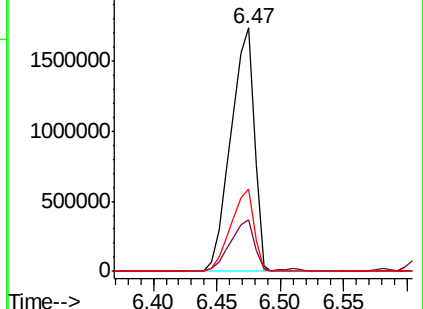
71 33.7 26.0 39.0



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: 41.329 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

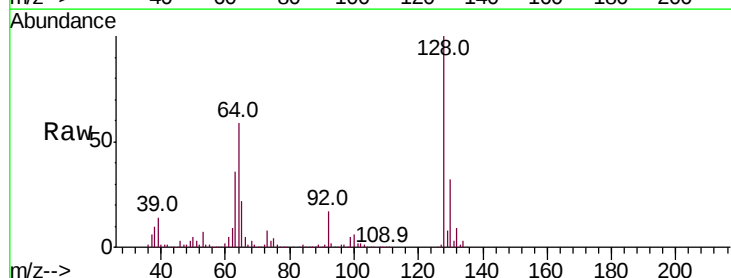
Tgt Ion:128 Resp: 957867

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

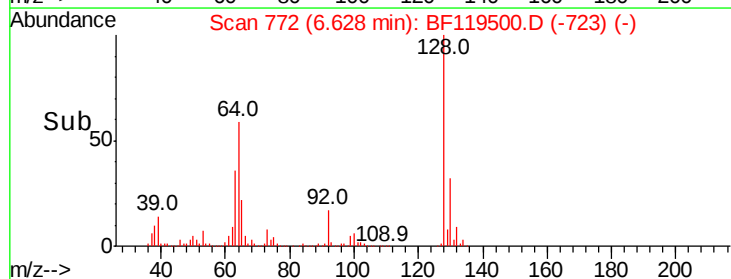
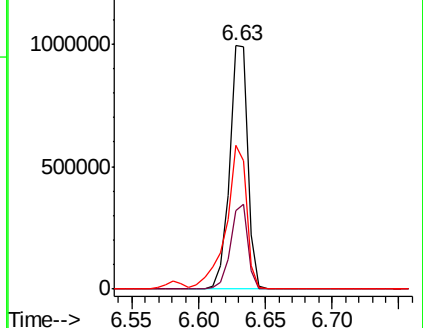
64 58.9 35.1 75.1

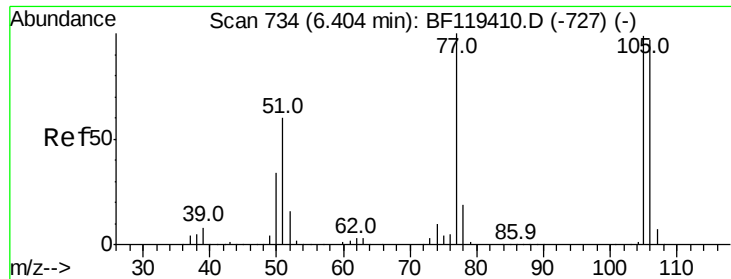


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

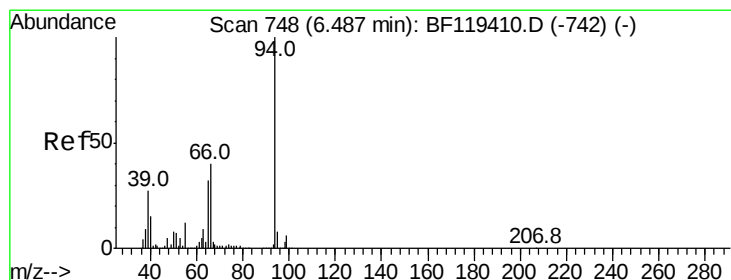
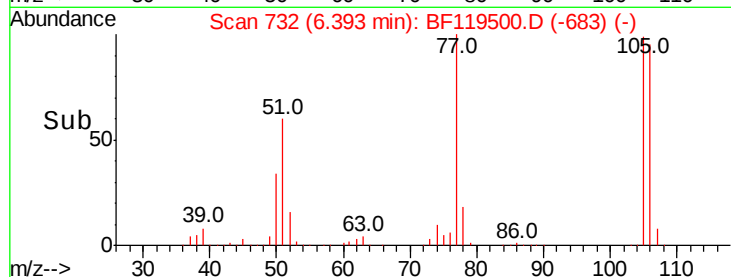
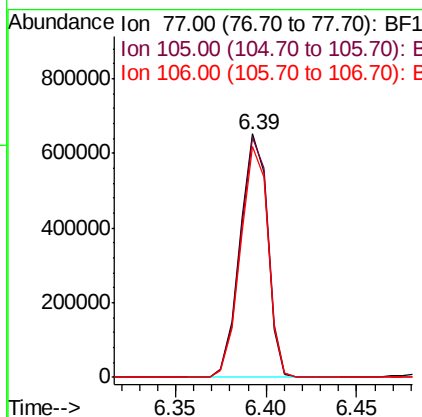
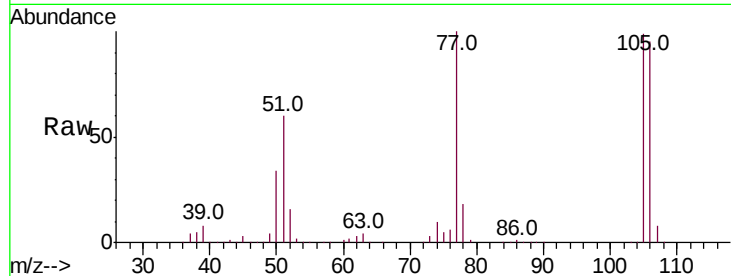




#9
Benzaldehyde
Concen: 38.436 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

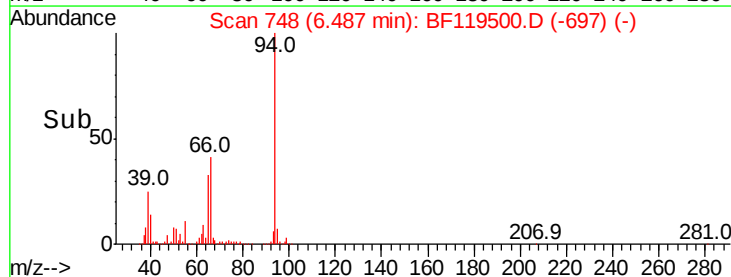
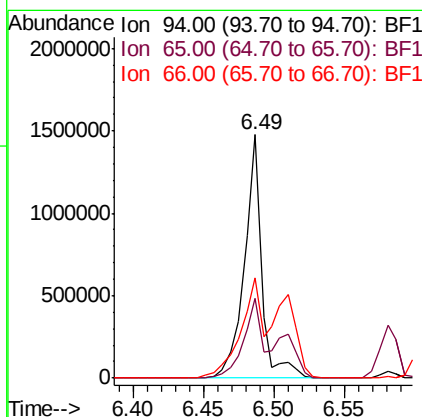
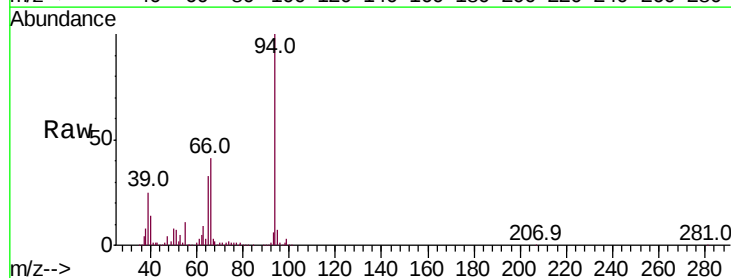
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

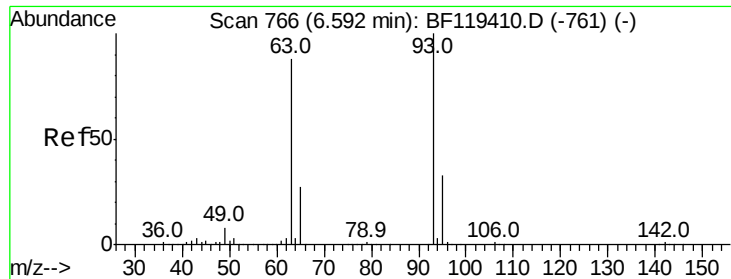
Tot Ion: 77 Resp: 687314
Ion Ratio Lower Upper
77 100
105 98.7 78.6 118.6
106 94.6 76.5 116.5



#10
Phenol
Concen: 42.167 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 94 Resp: 1268309
Ion Ratio Lower Upper
94 100
65 32.9 12.0 52.0
66 41.3 20.6 60.6





#11

bis(2-Chloroethyl)ether

Concen: 40.706 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

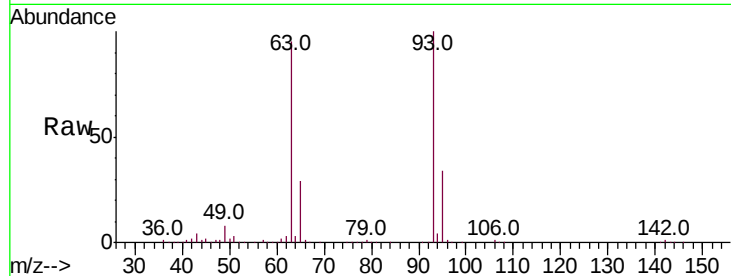
Tot Ion: 93 Resp: 979225

Ion Ratio Lower Upper

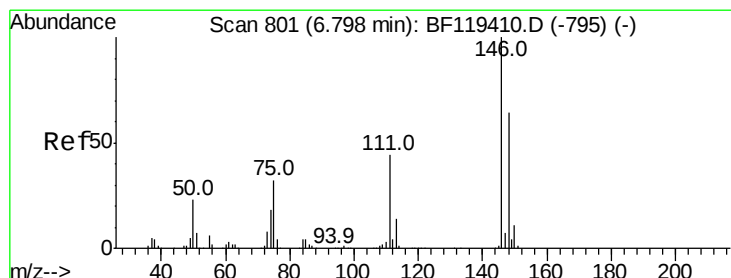
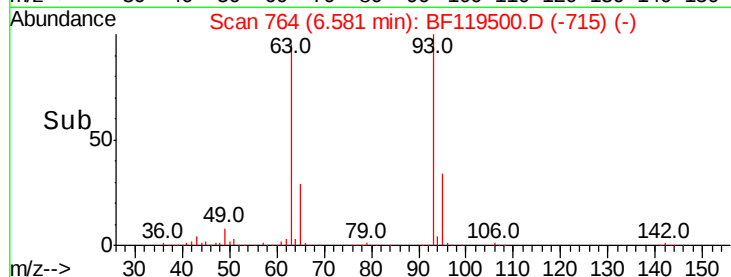
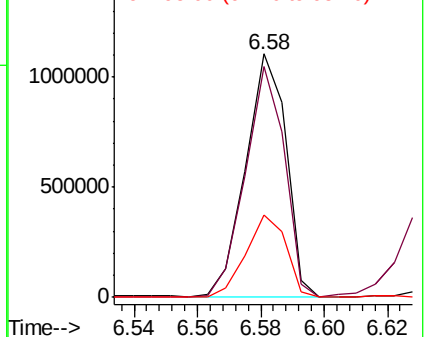
93 100

63 94.6 68.4 108.4

95 33.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
1500000
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.232 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

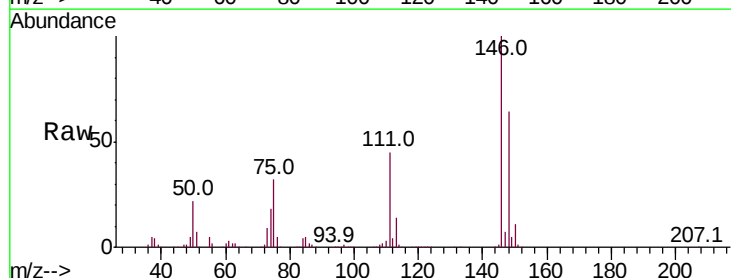
Tgt Ion: 146 Resp: 1059343

Ion Ratio Lower Upper

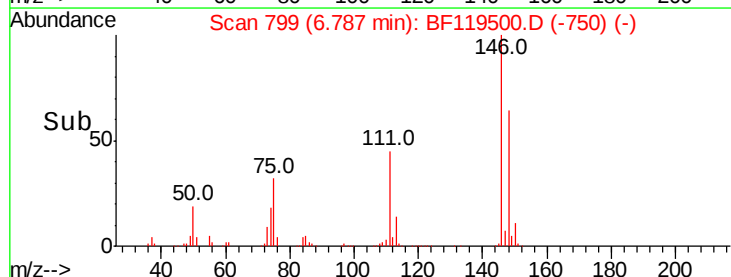
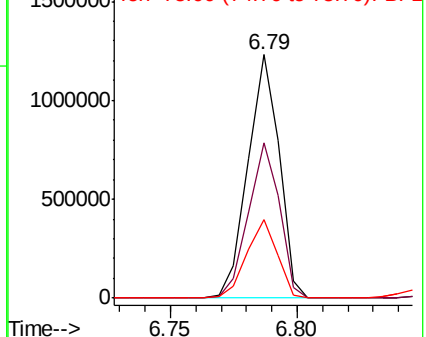
146 100

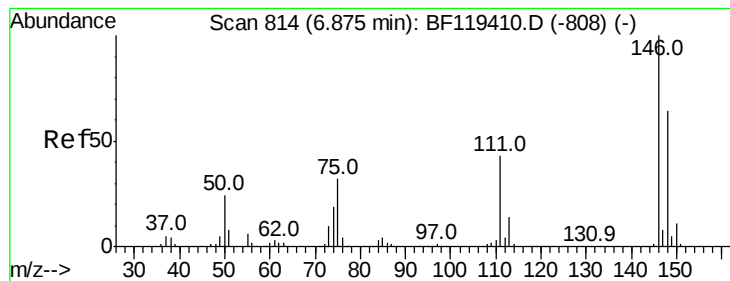
148 63.8 51.4 77.0

75 32.3 25.8 38.8



Abundance Ion 146.00 (145.70 to 146.70): E
1500000
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.567 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

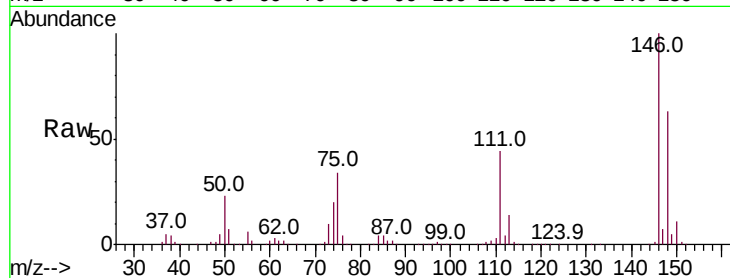
Tot Ion:146 Resp: 1042927

Ion Ratio Lower Upper

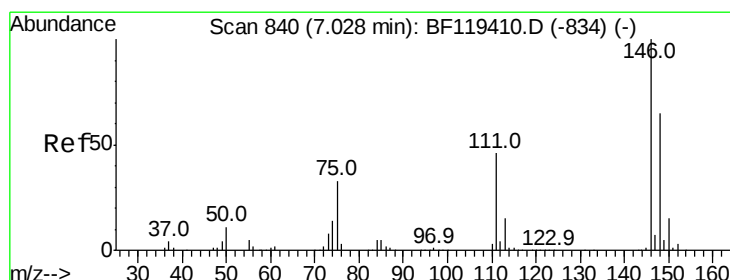
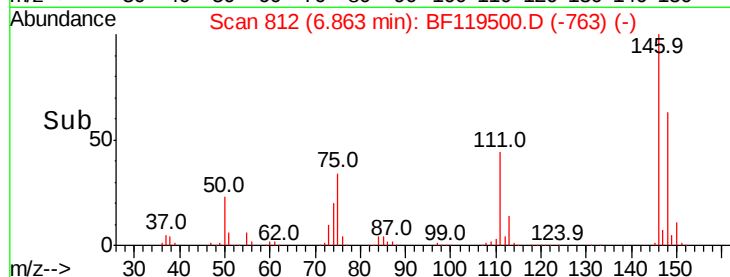
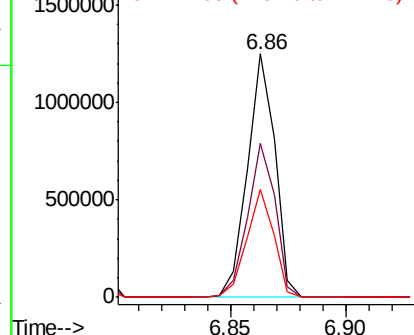
146 100

148 63.3 50.9 76.3

111 44.2 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: 41.830 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

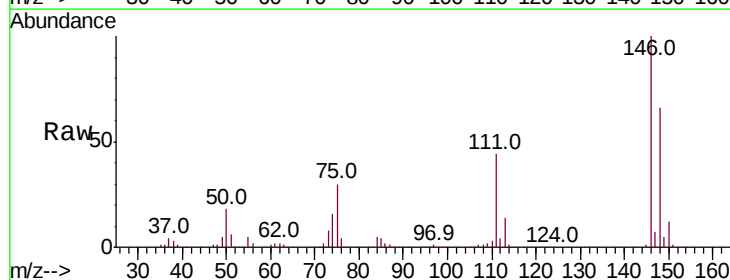
Tgt Ion:146 Resp: 980981

Ion Ratio Lower Upper

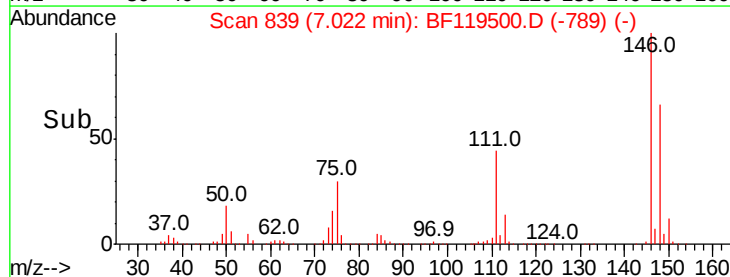
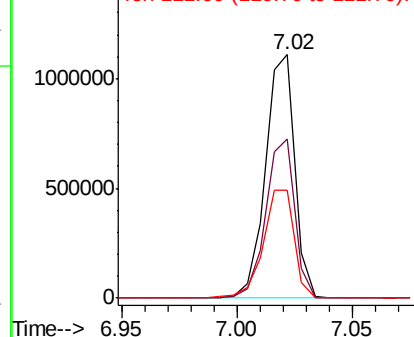
146 100

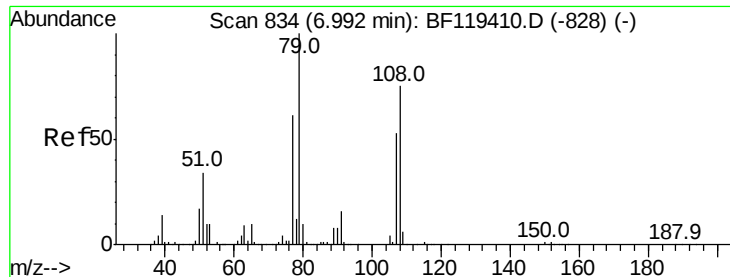
148 65.6 51.7 77.5

111 44.2 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: 40.983 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

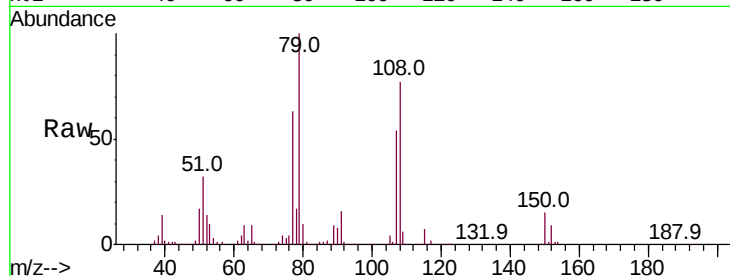
Tot Ion: 79 Resp: 869007

Ion Ratio Lower Upper

79 100

108 77.1 60.4 90.6

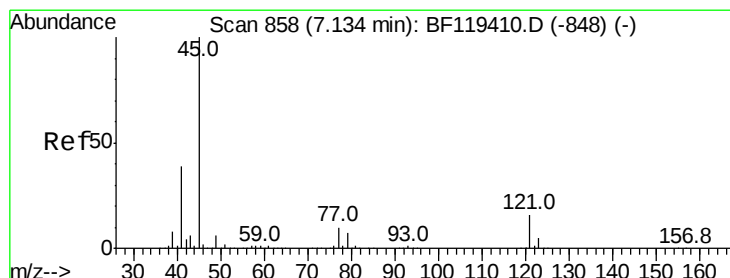
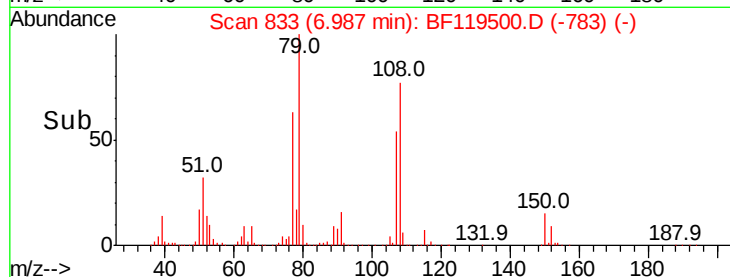
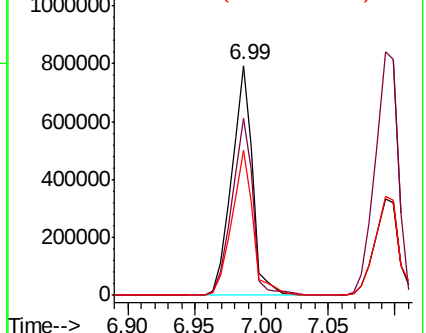
77 63.0 49.0 73.4



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: 40.315 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

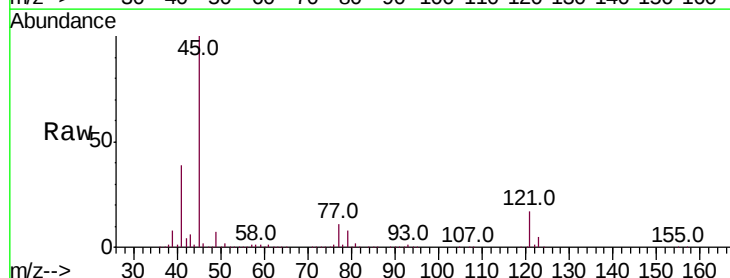
Tgt Ion: 45 Resp: 1956182

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.1

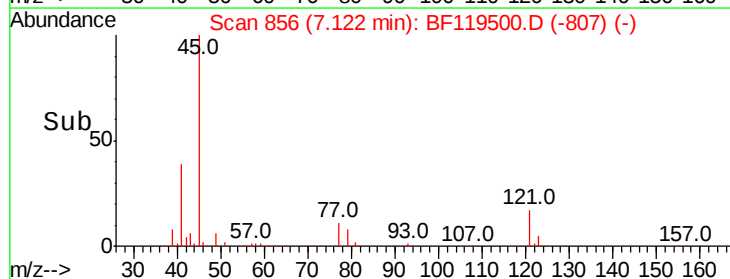
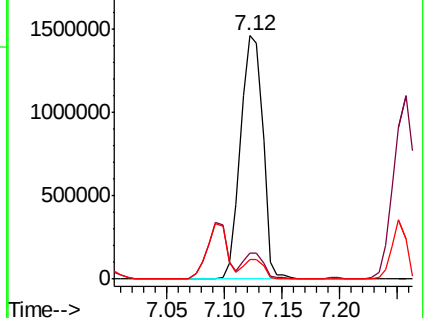
79 8.1 0.0 27.4

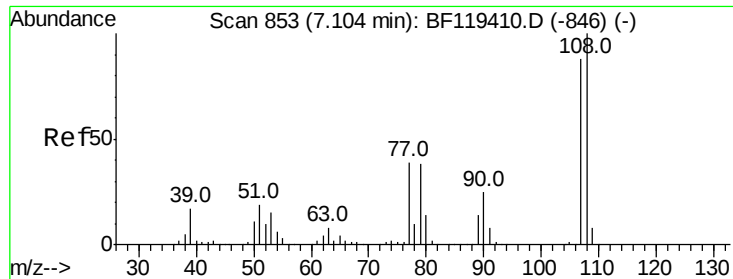


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

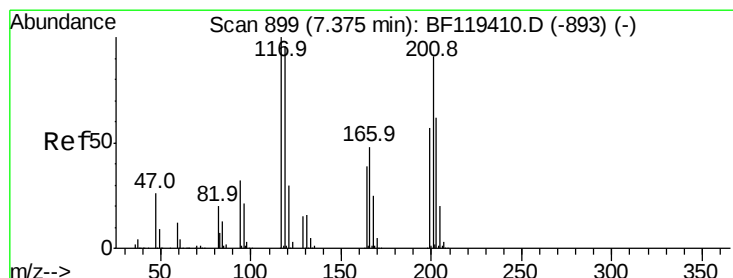
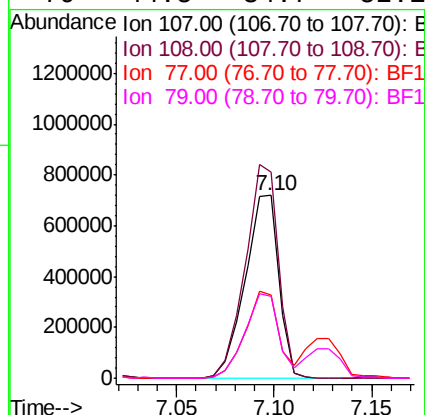
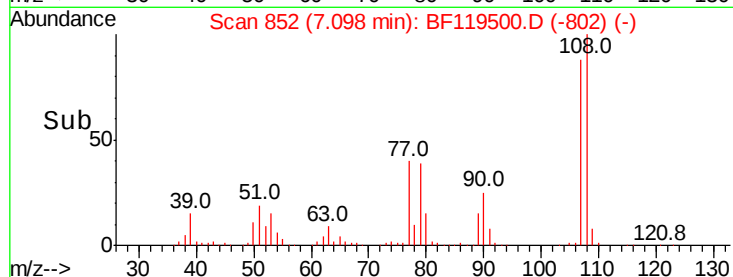
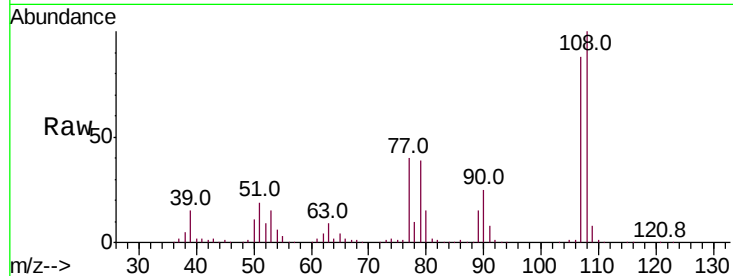




#17
2-Methylphenol
Concen: 40.579 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

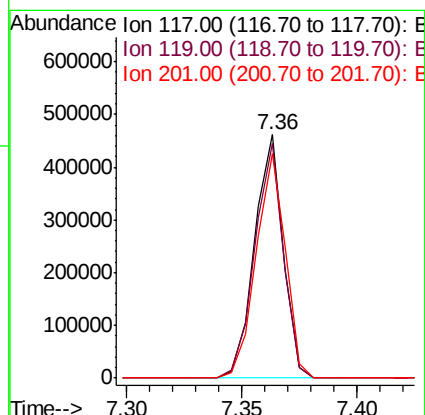
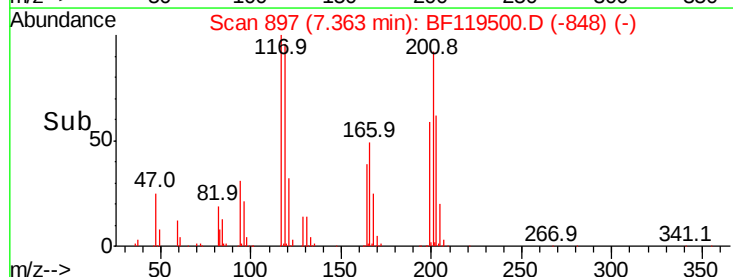
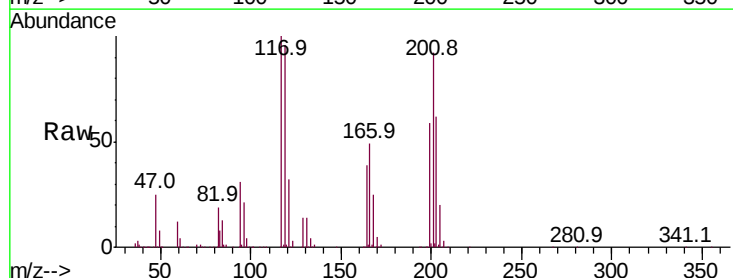
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

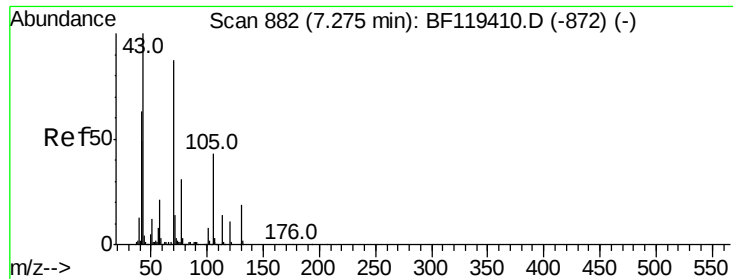
Tot Ion:107 Resp: 861688
Ion Ratio Lower Upper
107 100
108 113.0 90.7 136.1
77 45.5 35.6 53.4
79 44.5 34.7 52.1



#18
Hexachloroethane
Concen: 43.458 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:117 Resp: 399581
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
201 92.4 72.5 108.7

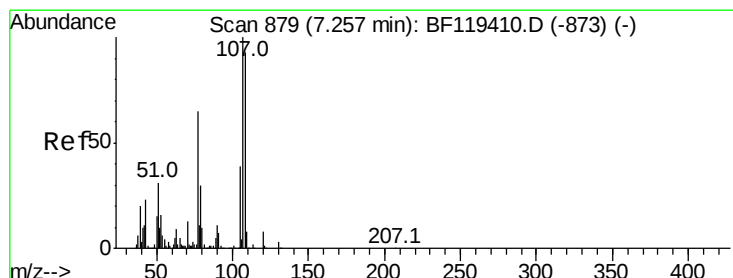
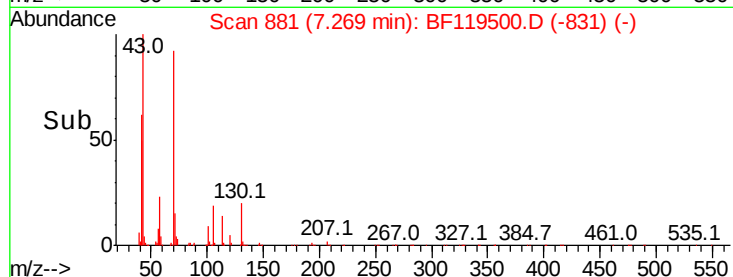
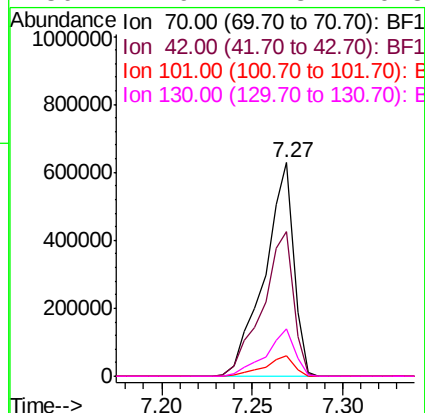
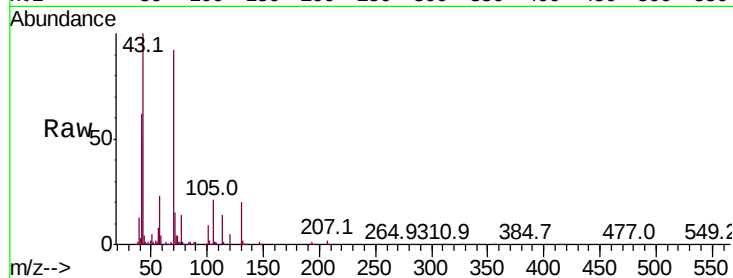




#19
n-Nitroso-di-n-propylamine
Concen: 41.497 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

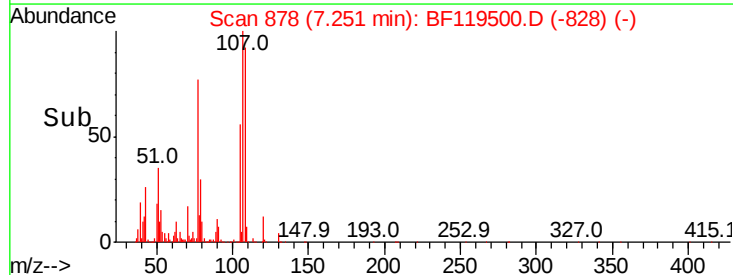
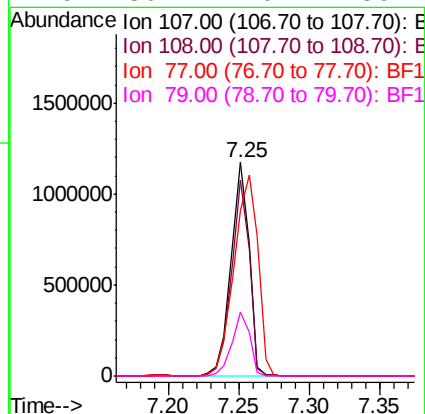
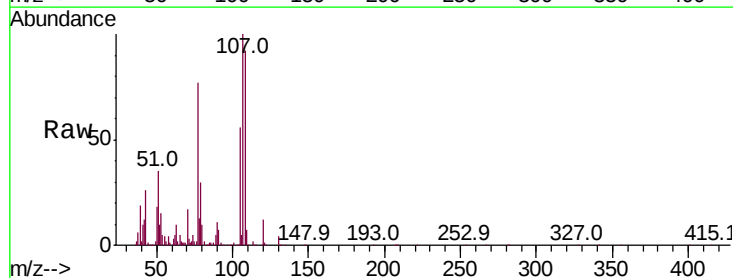
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

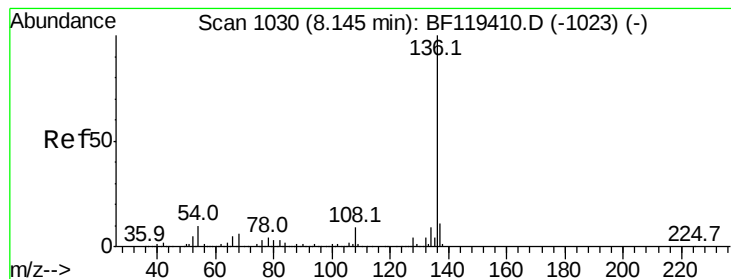
Tot Ion:	70	Resp:	705059
Ion	Ratio	Lower	Upper
70	100		
42	67.6	58.2	87.4
101	9.6	7.4	11.2
130	21.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 40.327 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:	107	Resp:	1049477
Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.6	112.6
77	77.2	44.7	84.7
79	30.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1301583

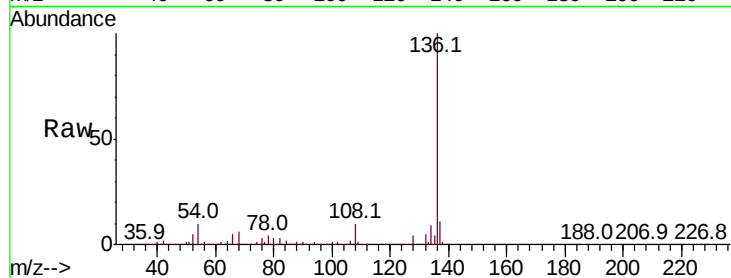
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.5 8.3 12.5

68 5.8 4.9 7.3

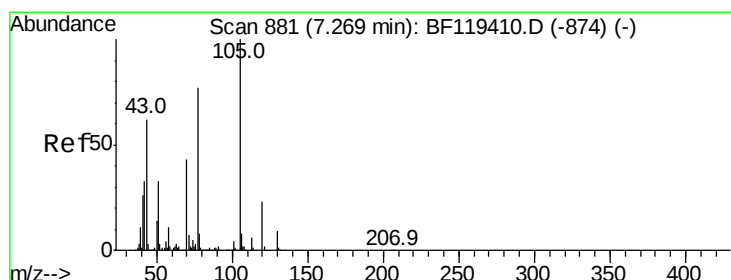
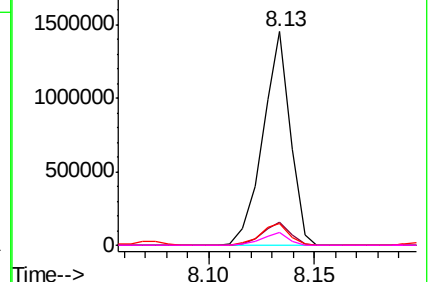
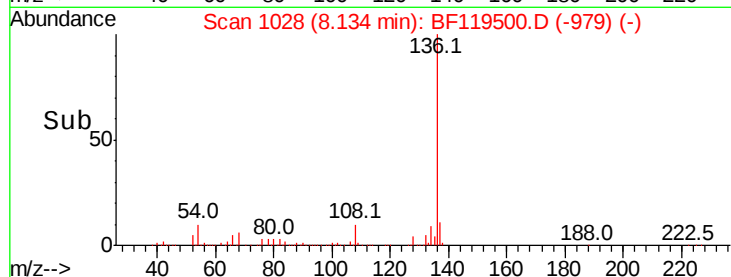


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.132 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:105 Resp: 1248130

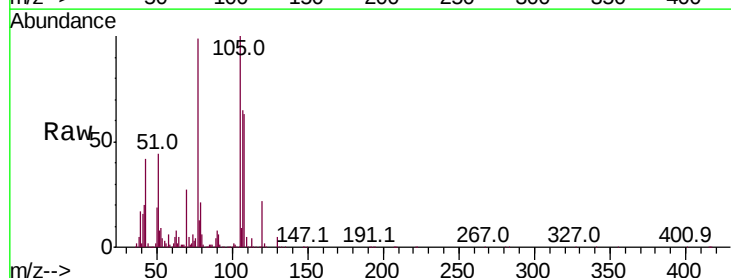
Ion Ratio Lower Upper

105 100

71 4.6 5.8 8.6#

51 43.7 26.8 40.2#

120 22.2 18.0 27.0

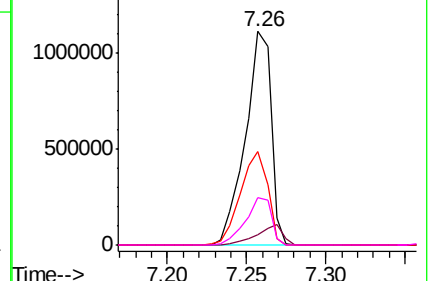
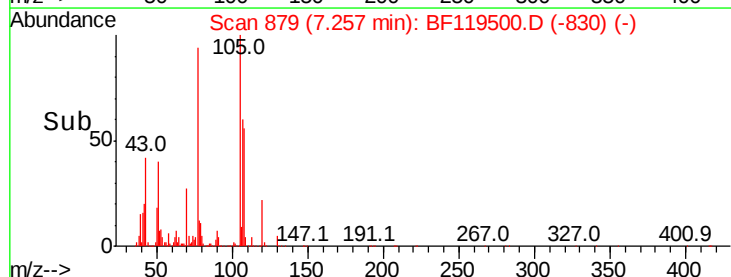


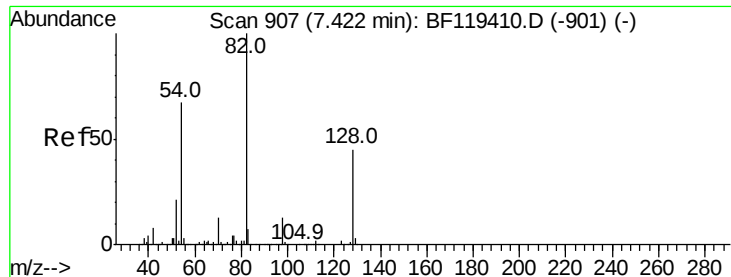
Abundance Ion 105.00 (104.70 to 105.70): E

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

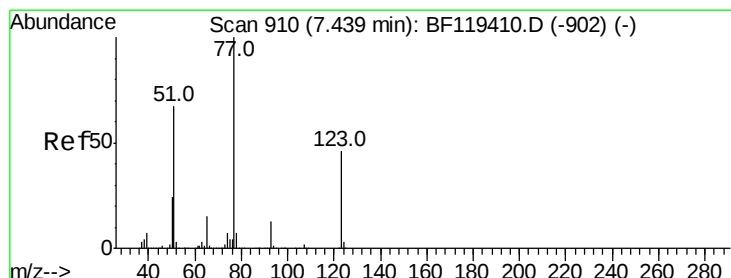
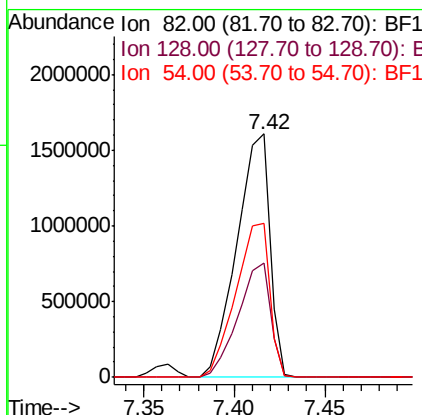
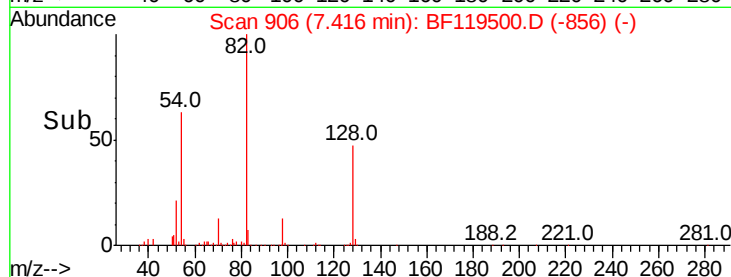
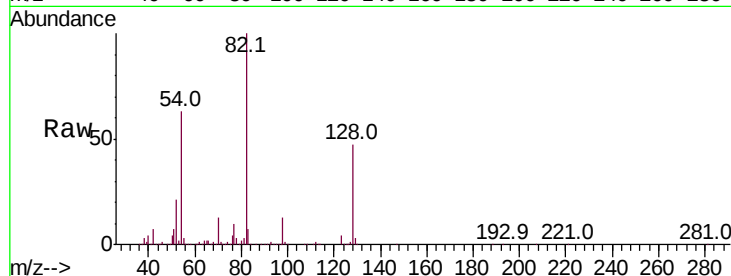




#23
Nitrobenzene-d5
Concen: 85.274 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

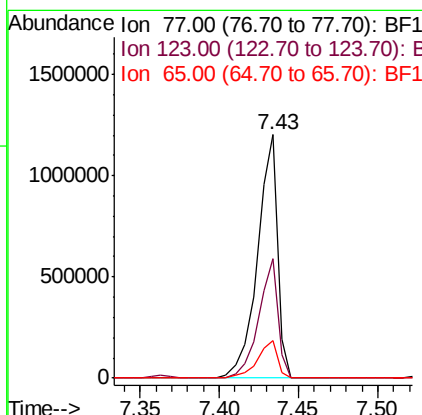
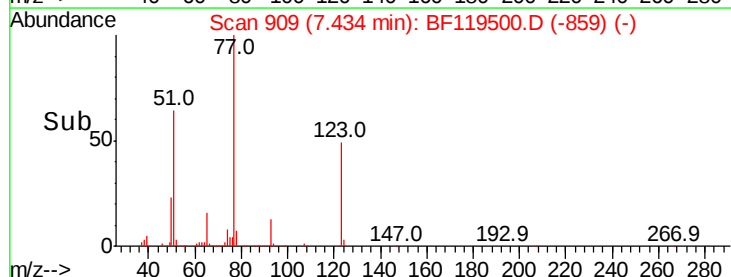
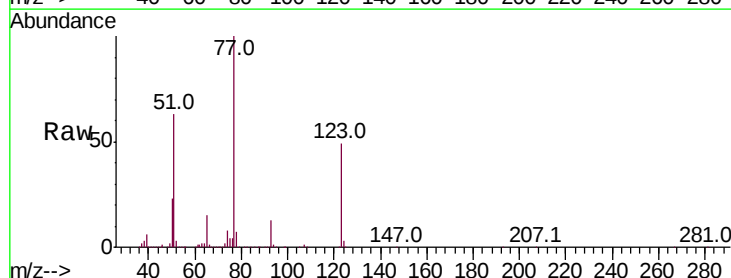
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

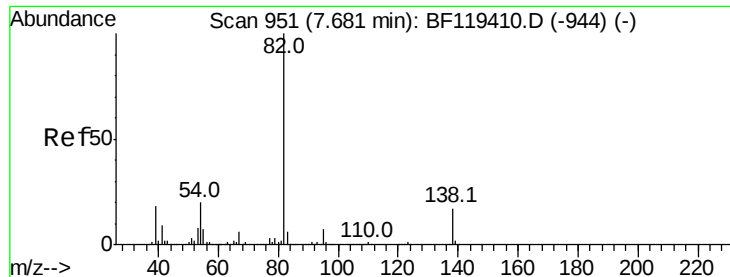
Tot Ion: 82 Resp: 2042247
Ion Ratio Lower Upper
82 100
128 47.0 35.8 53.8
54 63.1 53.4 80.0



#24
Nitrobenzene
Concen: 41.435 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 77 Resp: 1060500
Ion Ratio Lower Upper
77 100
123 49.1 36.9 55.3
65 15.4 12.2 18.4





#25

Isophorone

Concen: 41.034 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

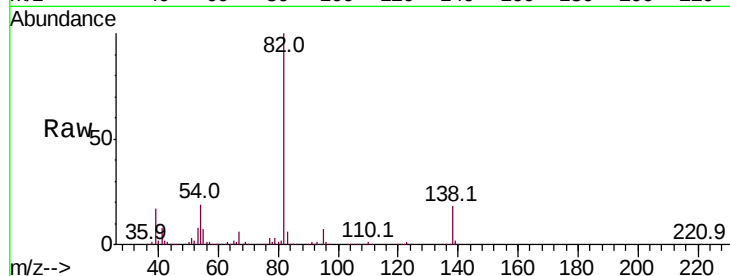
Tot Ion: 82 Resp: 1993517

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

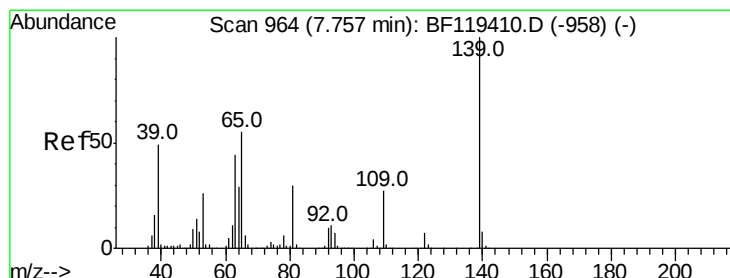
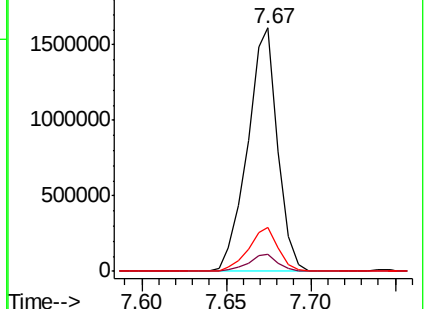
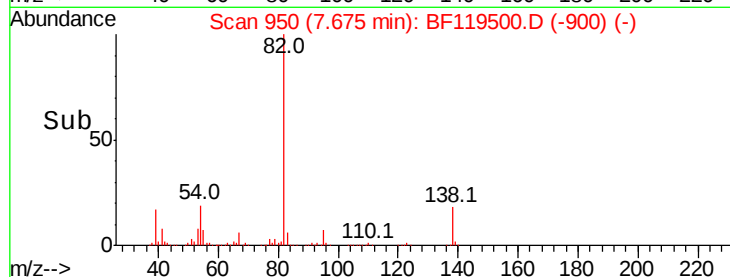
138 18.3 13.8 20.8



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: 50.132 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

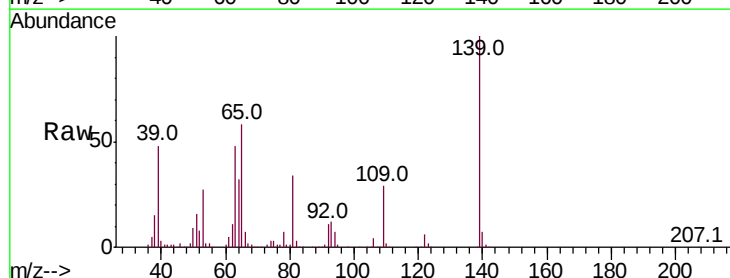
Tgt Ion:139 Resp: 505198

Ion Ratio Lower Upper

139 100

109 28.6 21.7 32.5

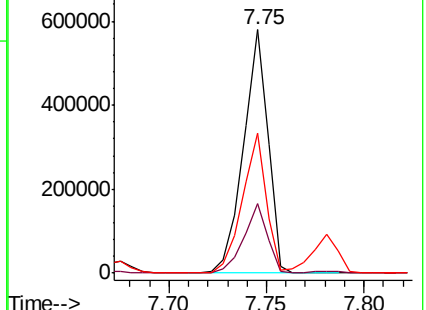
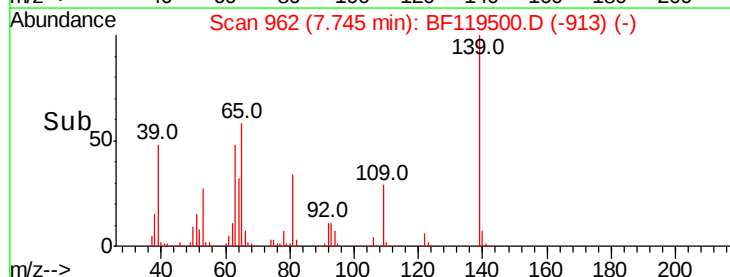
65 57.6 43.9 65.9

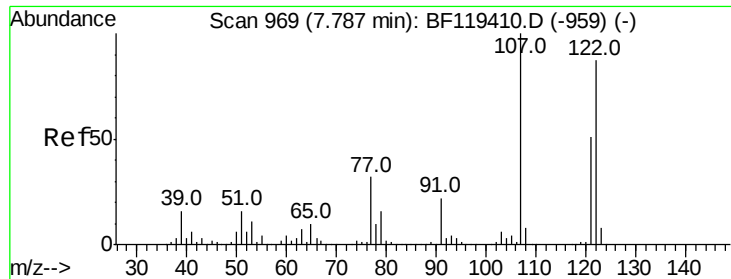


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

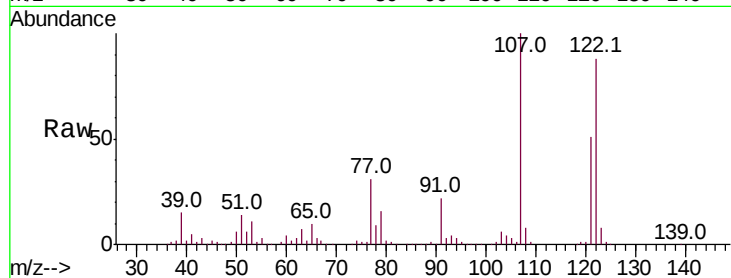




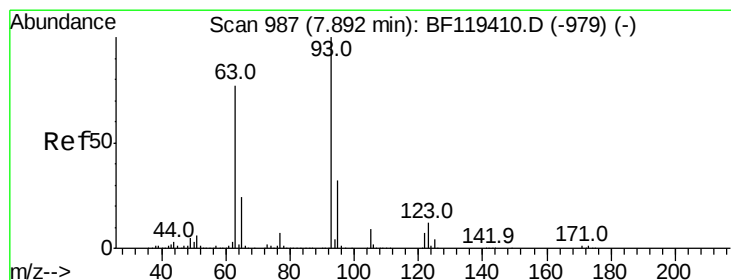
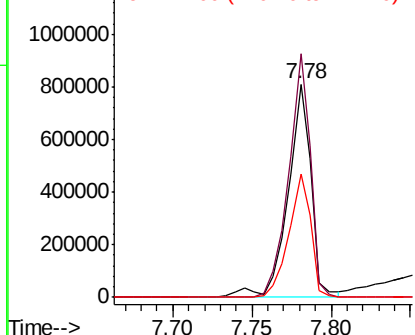
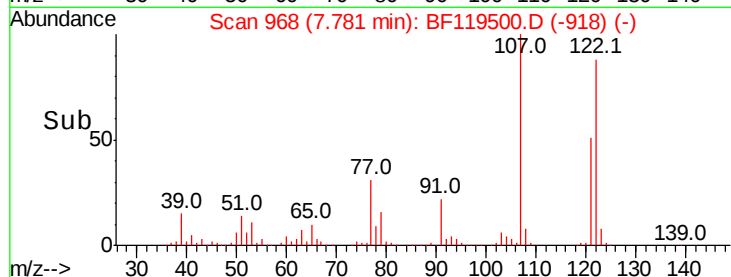
#27
2,4-Dimethylphenol
Concen: 39.200 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 816840
Ion Ratio Lower Upper
122 100
107 114.1 91.8 137.6
121 57.7 46.5 69.7

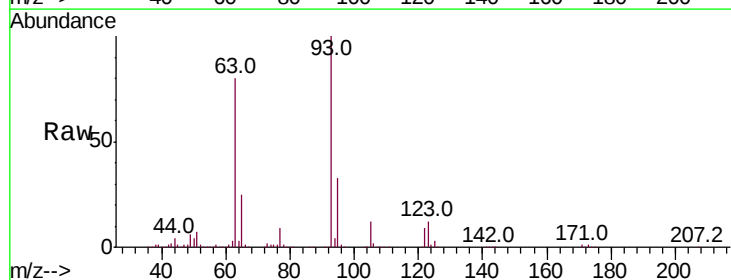


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

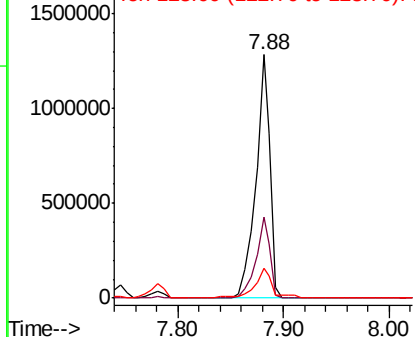
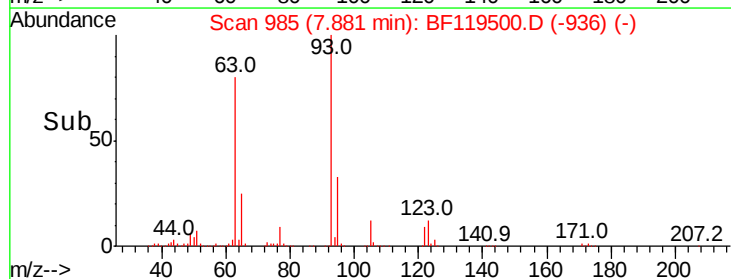


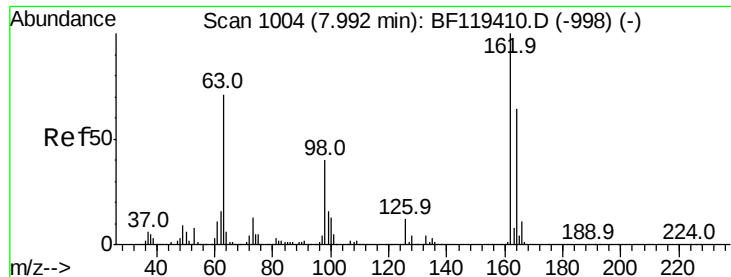
#28
bis(2-Chloroethoxy)methane
Concen: 42.280 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 93 Resp: 1214615
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 12.1 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

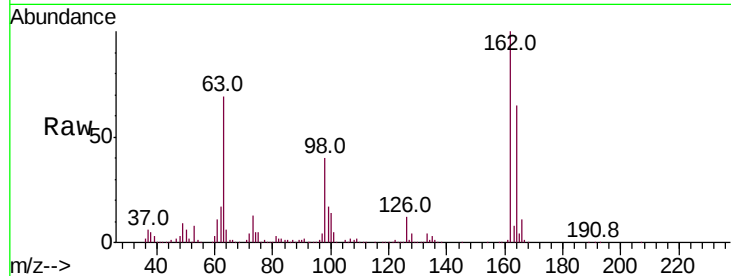




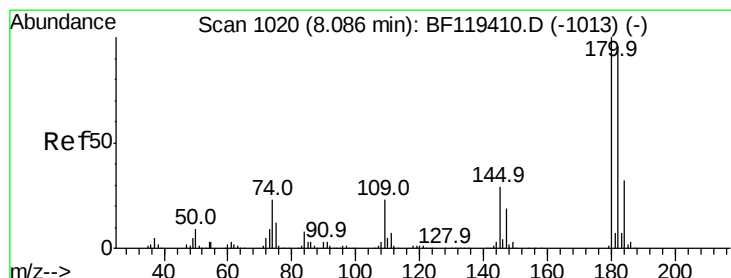
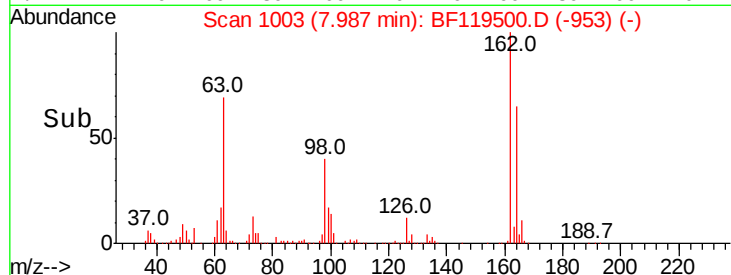
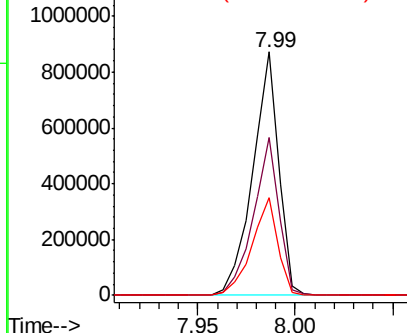
#29
2,4-Dichlorophenol
Concen: 42.147 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 806966
Ion Ratio Lower Upper
162 100
164 64.7 43.6 83.6
98 40.0 20.4 60.4

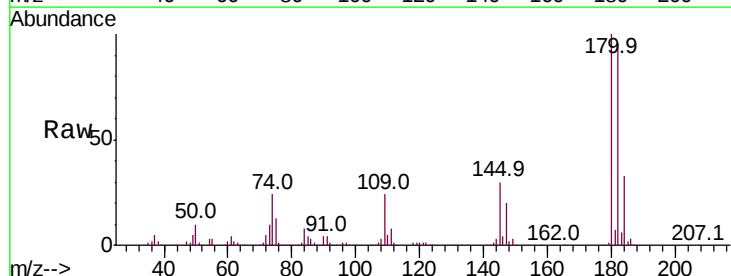


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

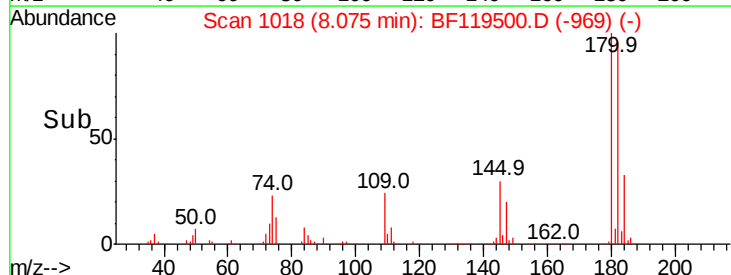
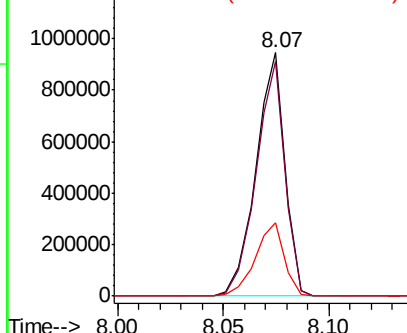


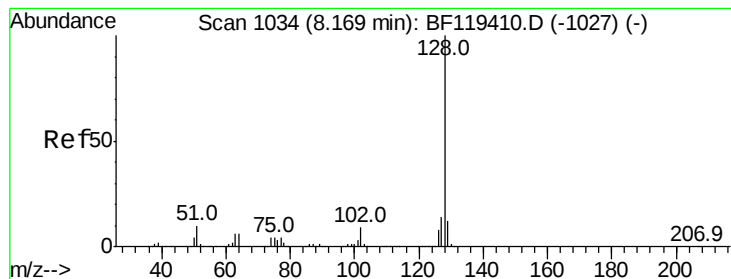
#30
1,2,4-Trichlorobenzene
Concen: 42.471 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:180 Resp: 899281
Ion Ratio Lower Upper
180 100
182 96.4 76.6 115.0
145 30.2 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: 40.358 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

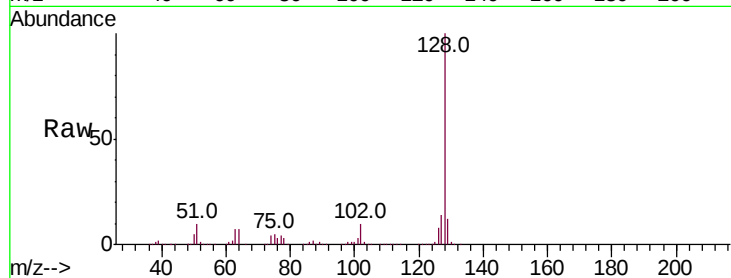
Tot Ion:128 Resp: 2703226

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

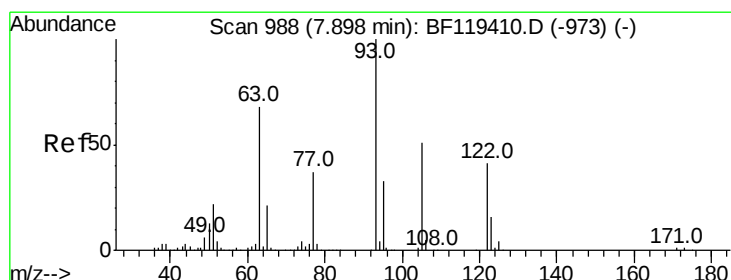
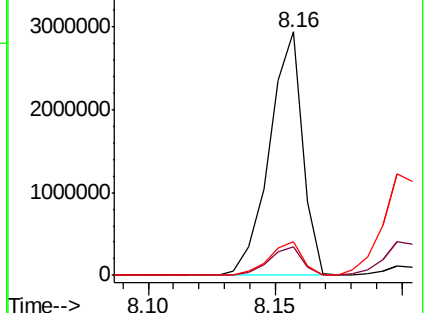
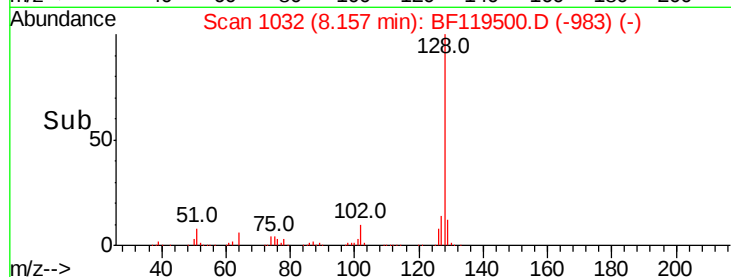
127 14.1 11.0 16.4



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: 51.393 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

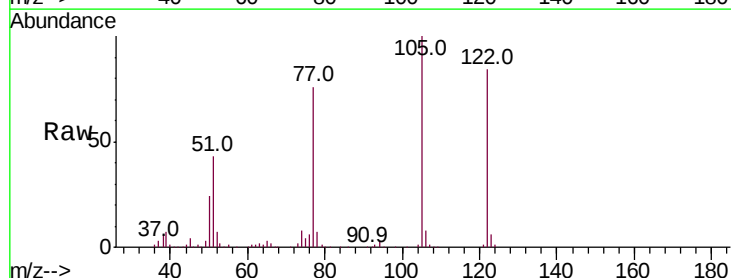
Tgt Ion:122 Resp: 688865

Ion Ratio Lower Upper

122 100

105 118.4 102.9 142.9

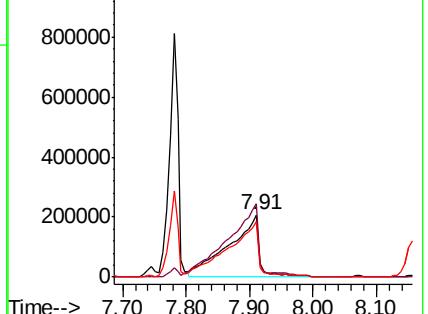
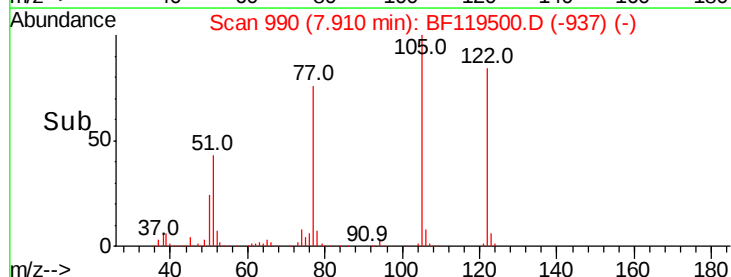
77 90.1 70.1 110.1

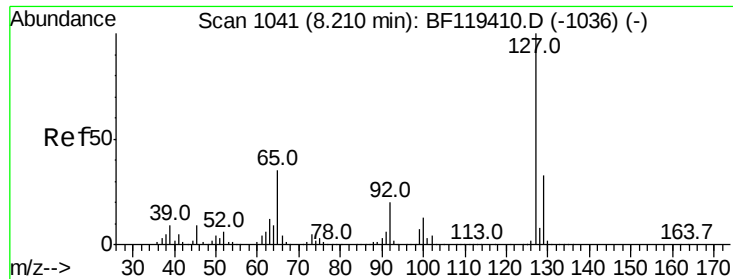


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

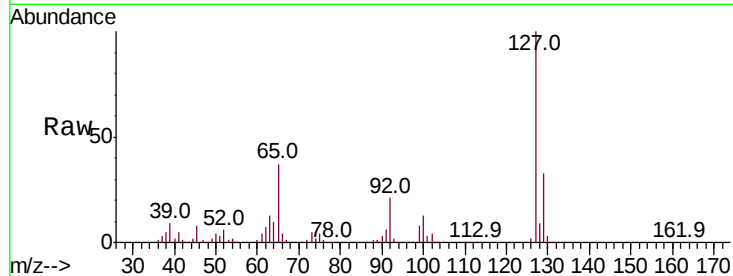




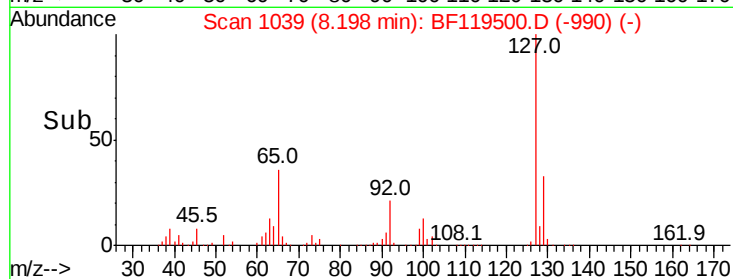
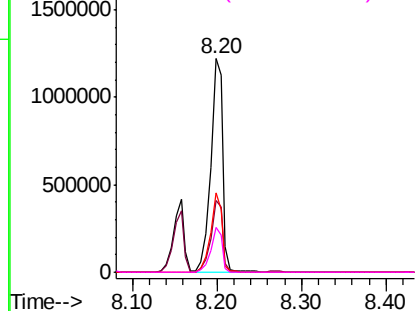
#33
4-Chloroaniline
Concen: 39.694 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp: 1218271
Ion Ratio	Lower Upper
127 100	
129 33.5	26.2 39.4
65 36.9	27.7 41.5
92 20.7	15.8 23.6

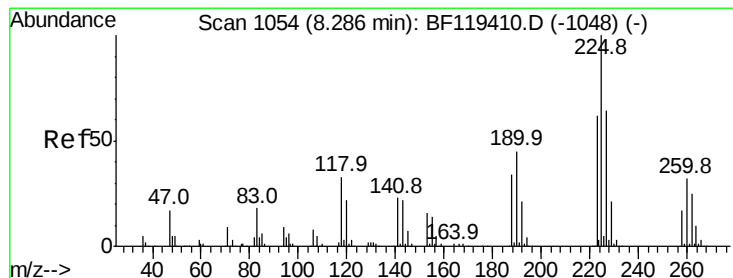


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

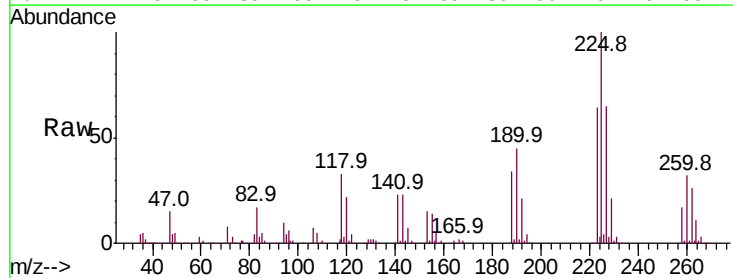
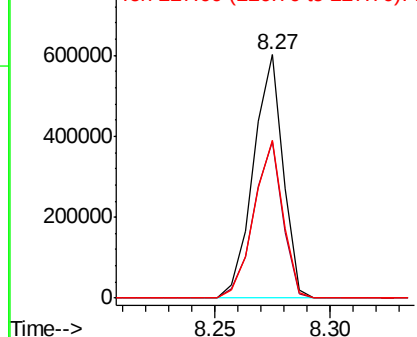


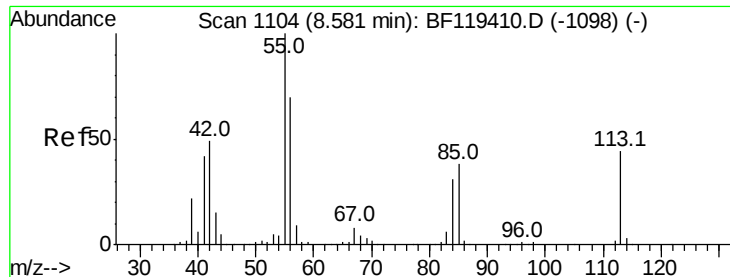
#34
Hexachlorobutadiene
Concen: 45.507 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion	225	Resp: Lower	539116 Upper
	Ratio		
225	100		
223	64.4	49.2	73.8
227	65.0	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

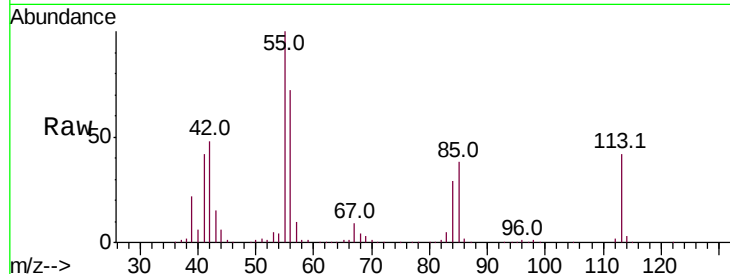




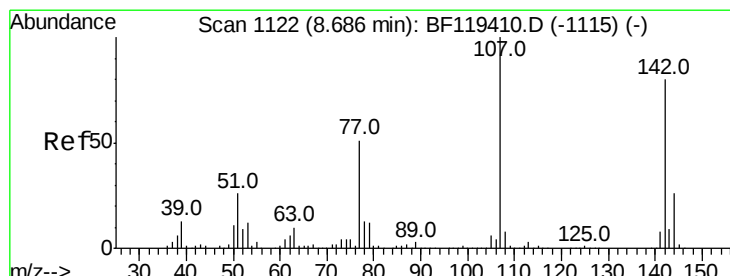
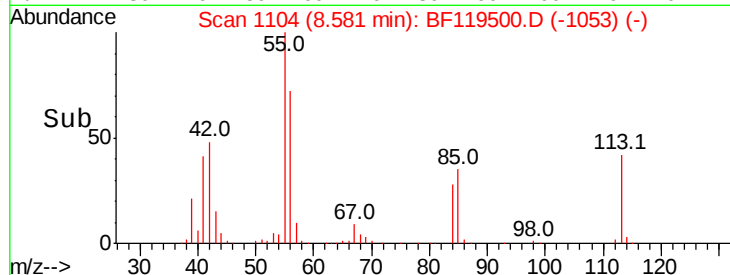
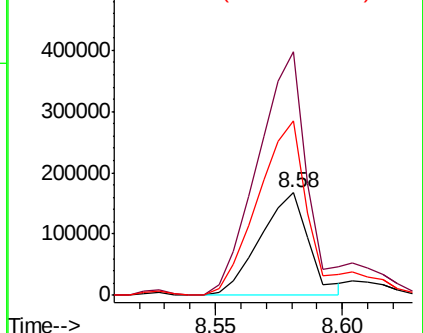
#35
 Caprolactam
 Concen: 35.717 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 223809
 Ion Ratio Lower Upper
 113 100
 55 237.2 208.4 248.4
 56 170.6 138.9 178.9

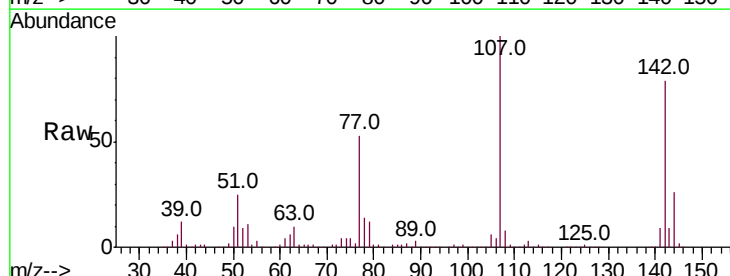


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

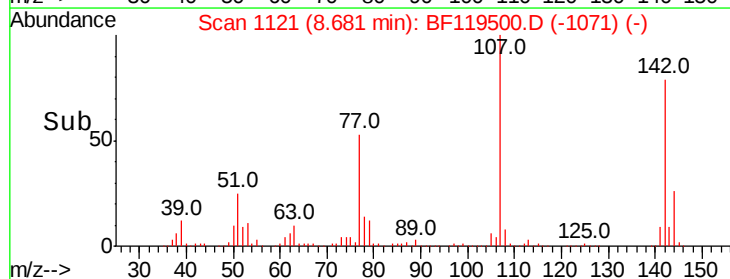
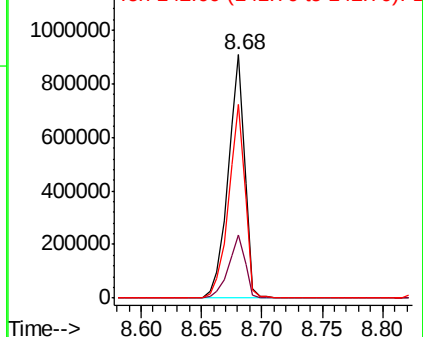


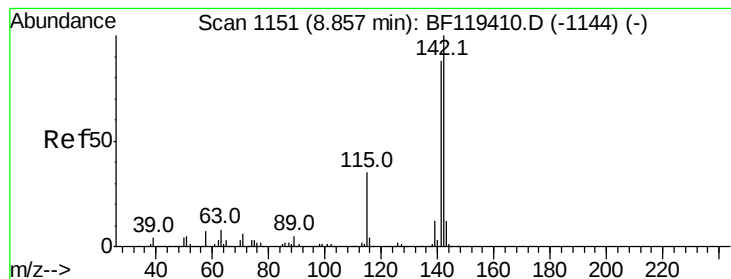
#36
 4-Chloro-3-methylphenol
 Concen: 41.432 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:107 Resp: 867014
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.6 31.0
 142 79.3 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: 41.818 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

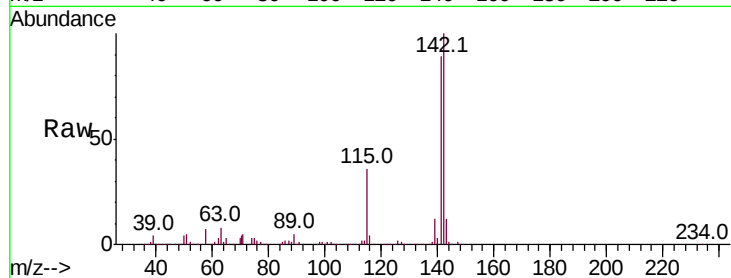
Tot Ion:142 Resp: 1838276

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

115 35.6 27.8 41.6

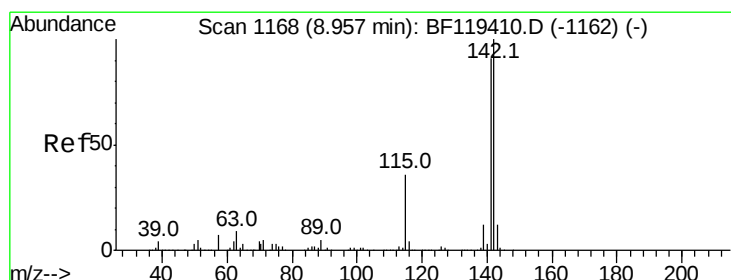
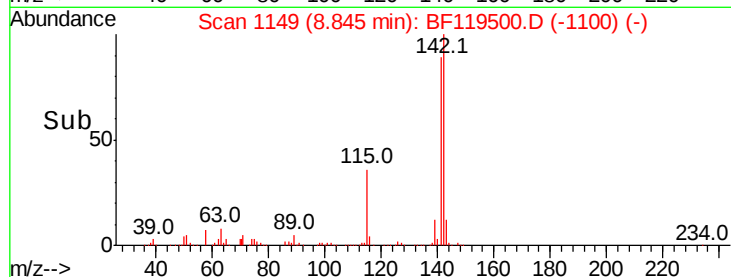
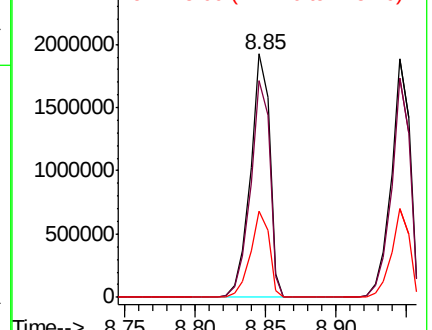


Abundance

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: 41.726 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

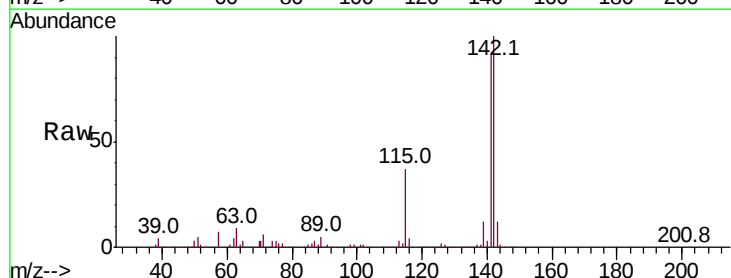
Tgt Ion:142 Resp: 1736121

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

116 4.0 3.0 4.6

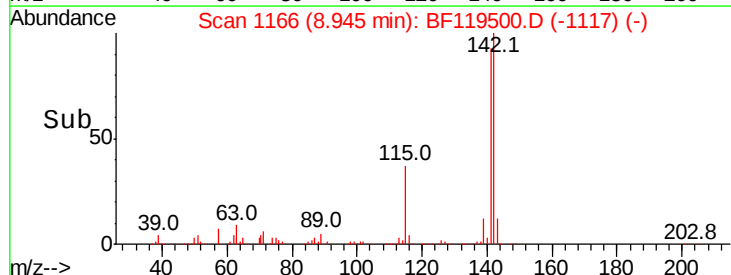
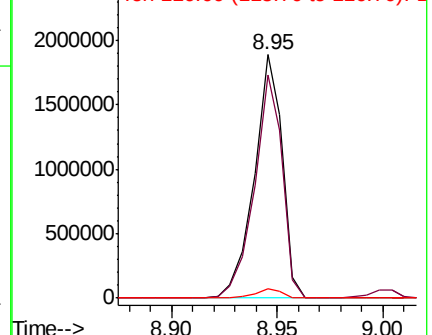


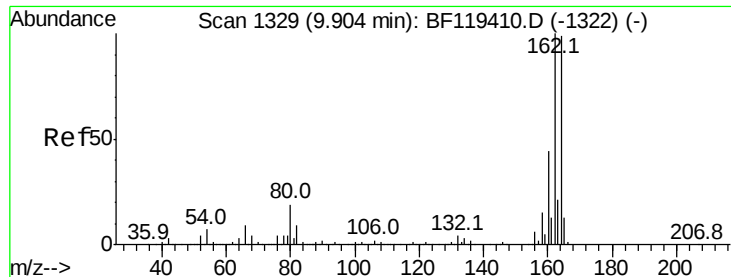
Abundance

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

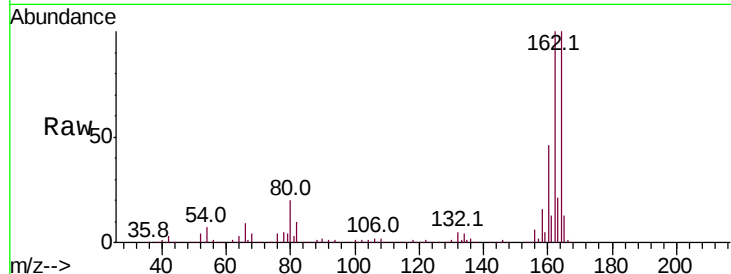




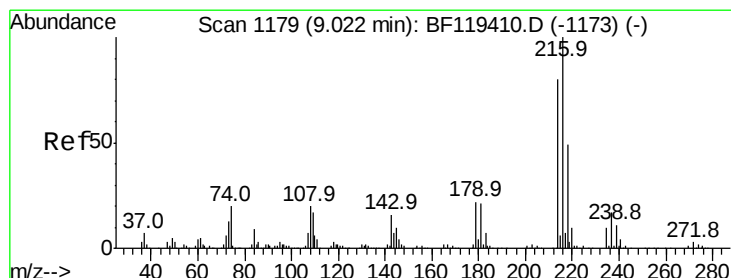
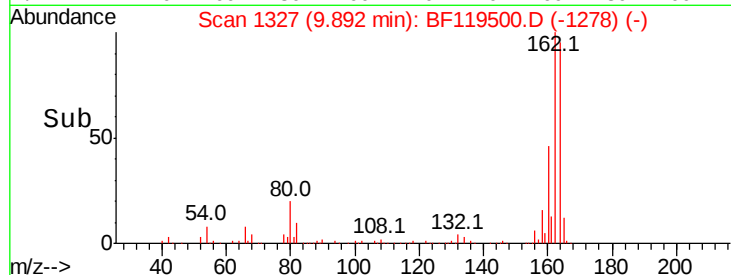
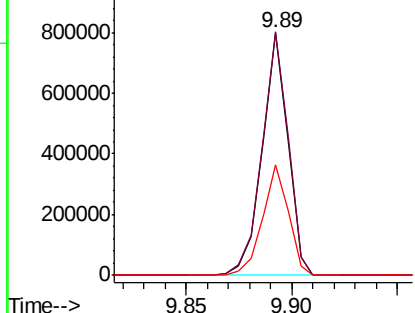
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:164 Resp: 681090
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.7 121.1
 160 45.7 35.5 53.3

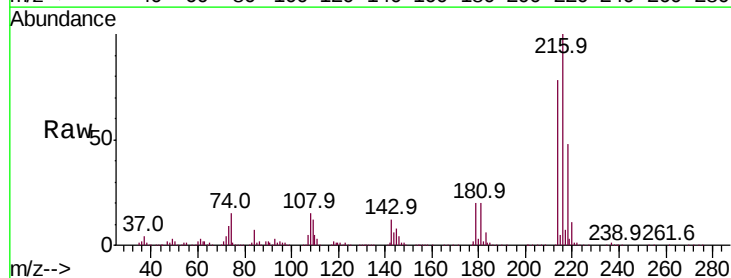


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

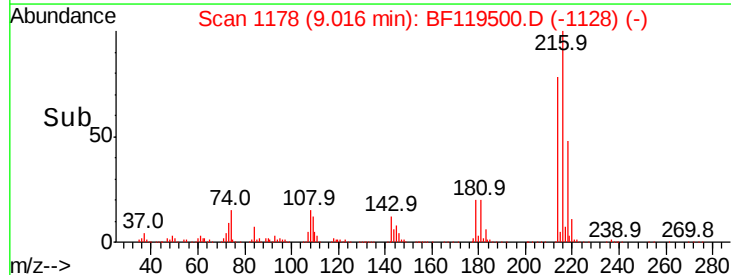
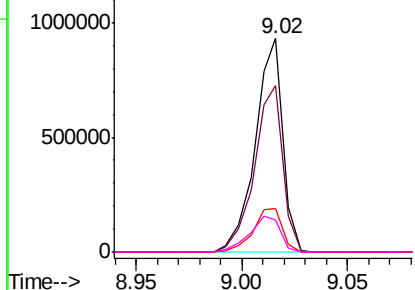


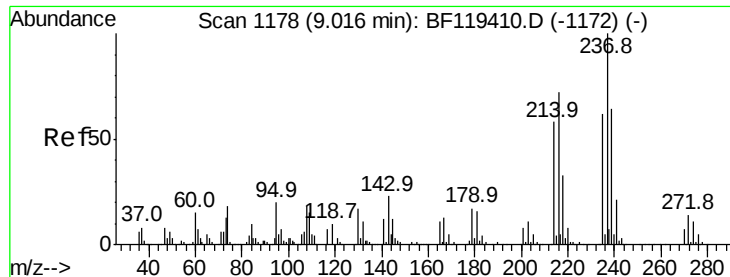
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.407 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:216 Resp: 846586
 Ion Ratio Lower Upper
 216 100
 214 80.2 63.0 94.6
 179 21.6 17.0 25.4
 108 18.6 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: 39.714 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

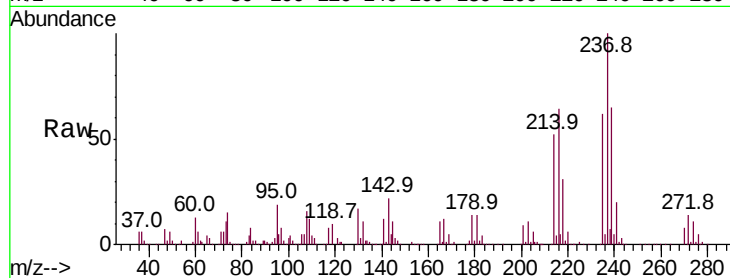
Tot Ion:237 Resp: 450729

Ion Ratio Lower Upper

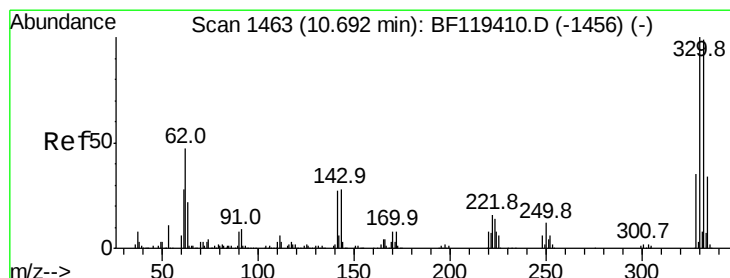
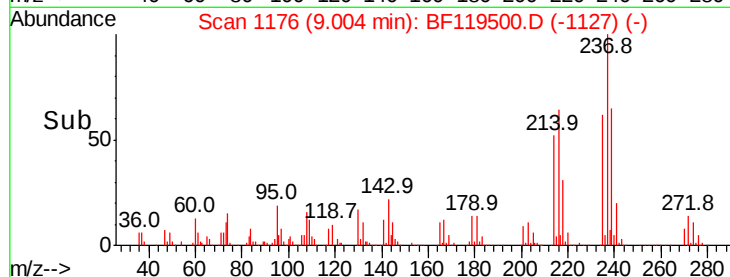
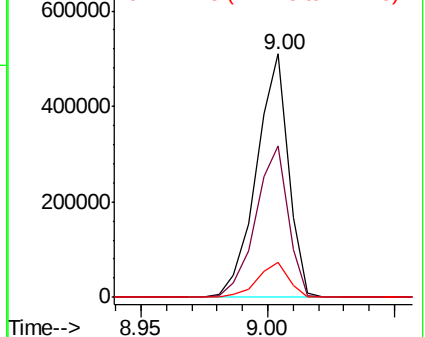
237 100

235 62.4 42.5 82.5

272 14.4 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: 93.770 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

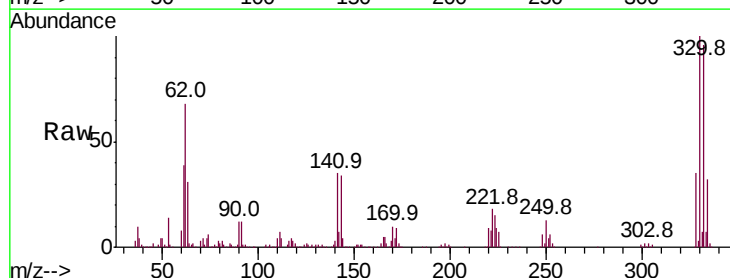
Tgt Ion:330 Resp: 658878

Ion Ratio Lower Upper

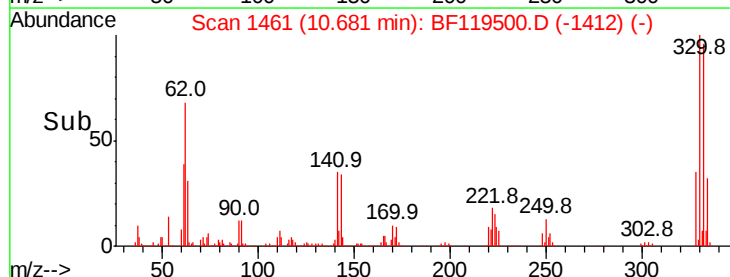
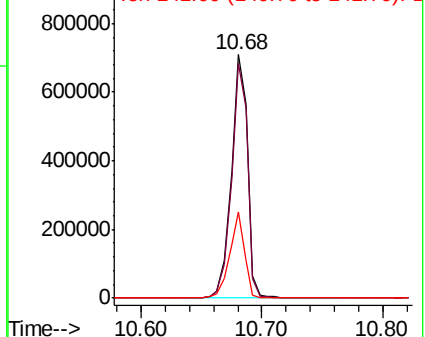
330 100

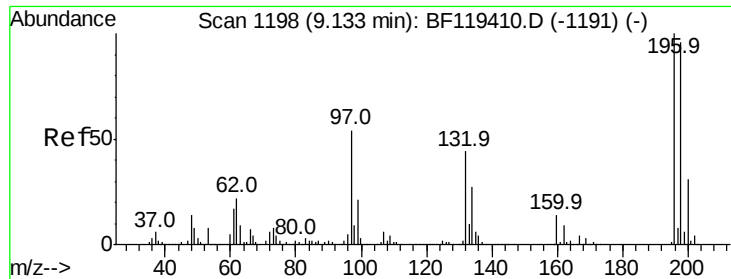
332 96.1 77.6 116.4

141 32.3 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

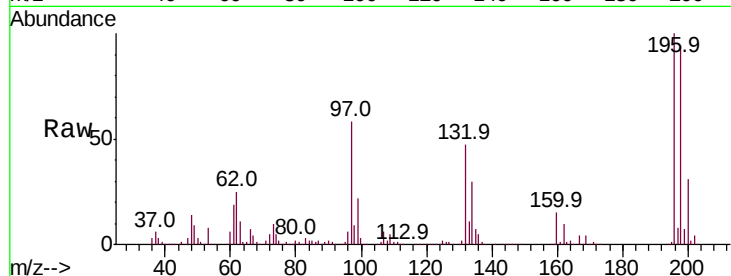




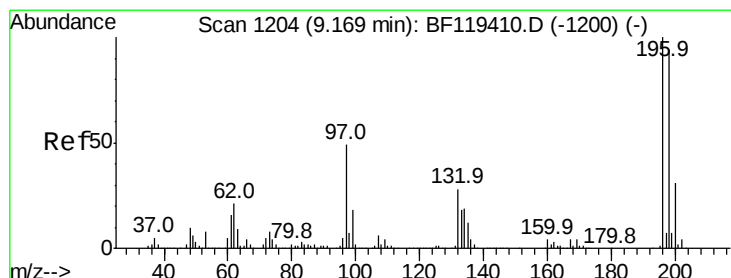
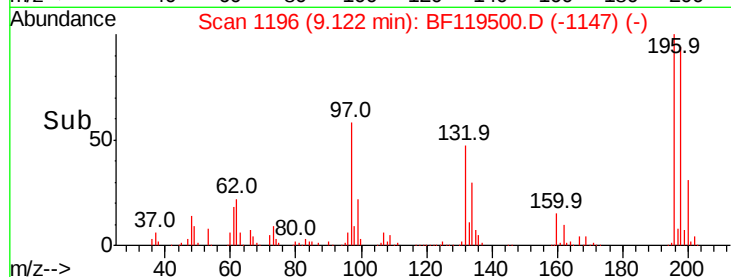
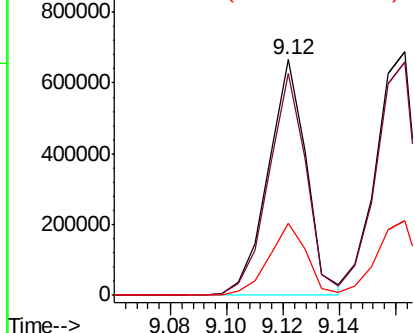
#43
 2,4,6-Trichlorophenol
 Concen: 43.576 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.0	115.4
200	30.6	25.1	37.7



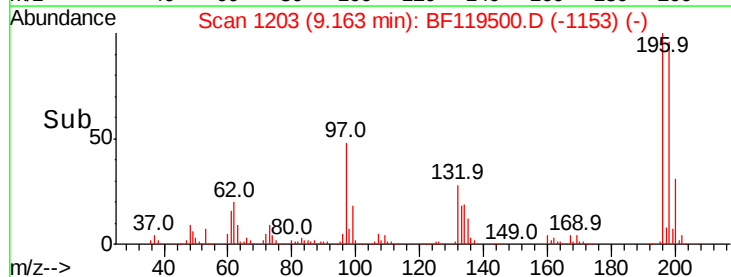
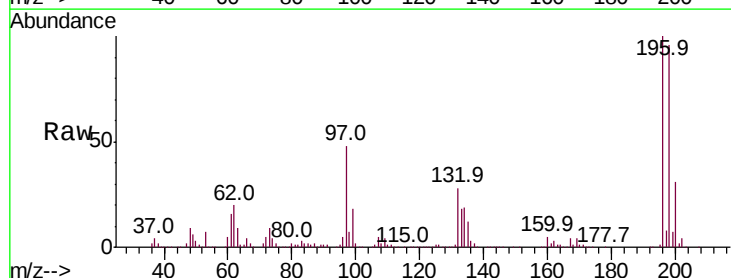
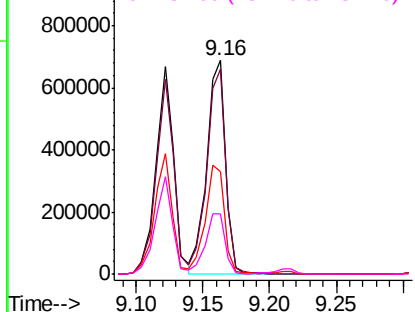
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

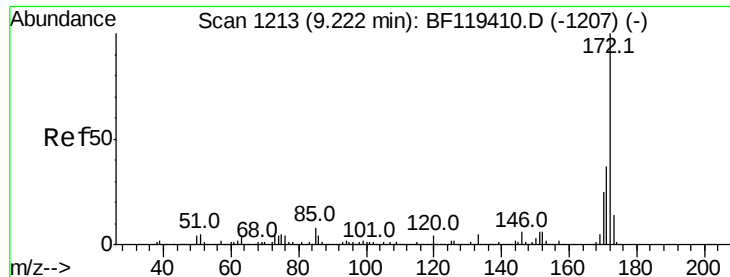


#44
 2,4,5-Trichlorophenol
 Concen: 42.402 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.3	112.9
97	48.0	39.0	58.4
132	28.0	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: 79.462 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

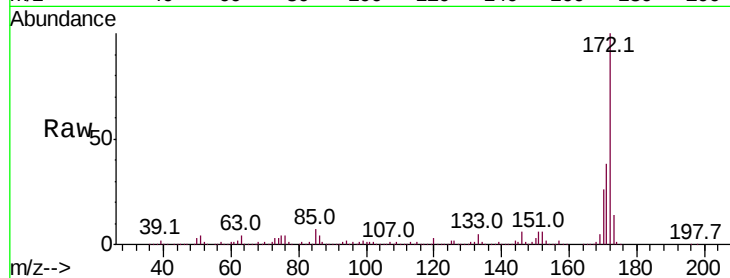
Tot Ion:172 Resp: 3653186

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

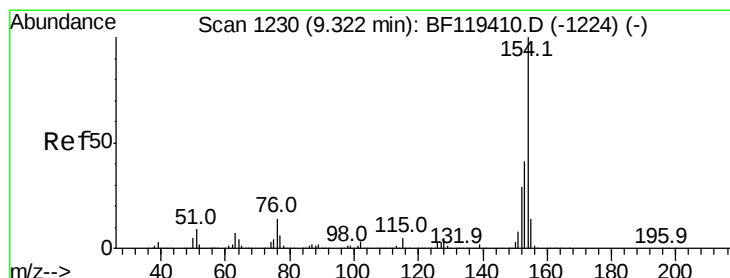
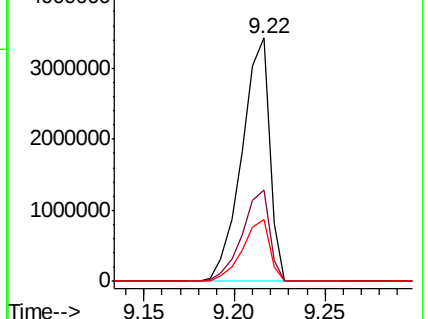
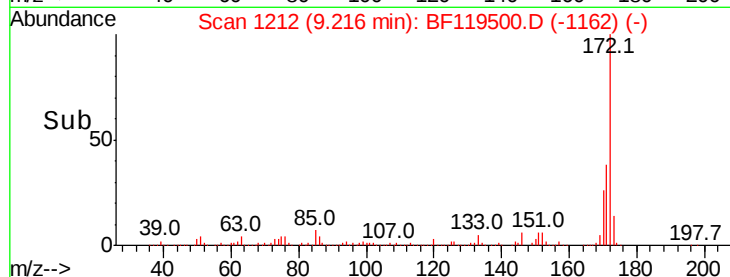
170 25.6 20.1 30.1



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: 41.031 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

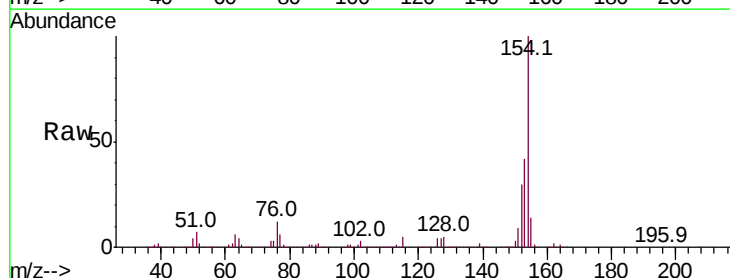
Tgt Ion:154 Resp: 2276053

Ion Ratio Lower Upper

154 100

153 42.2 21.4 61.4

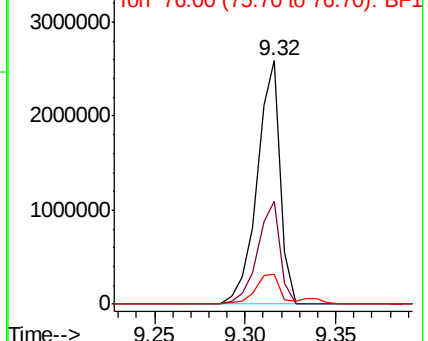
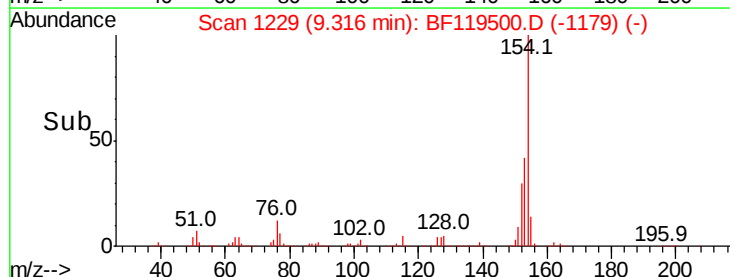
76 12.4 0.0 33.6

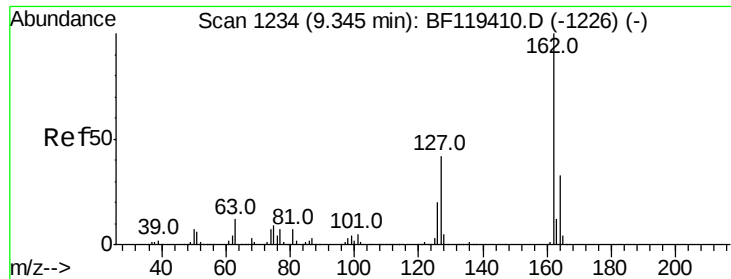


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.726 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

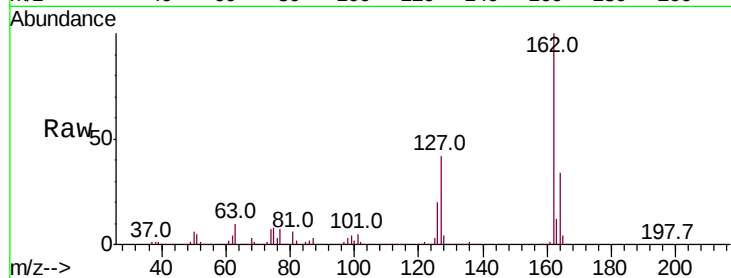
Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1769600

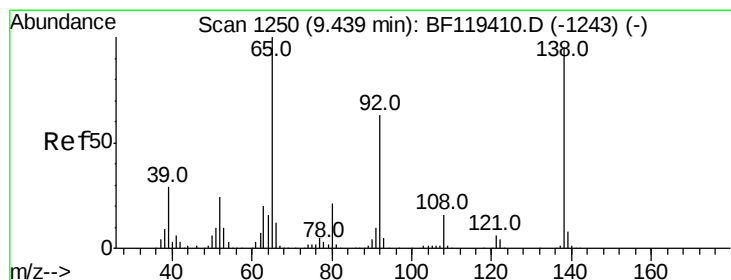
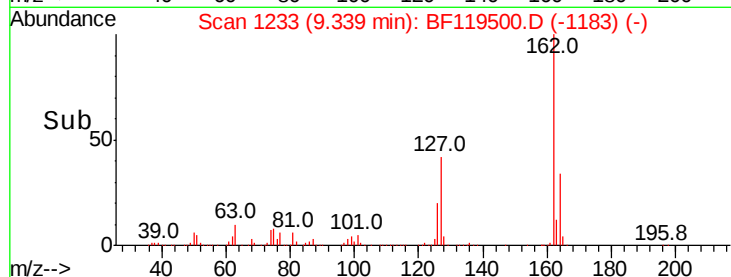
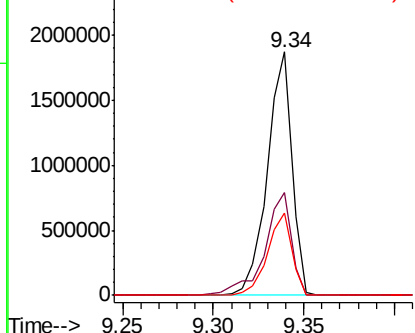
Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.7	50.5
164	33.9	26.2	39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.049 ng

RT: 9.43 min Scan# 1248

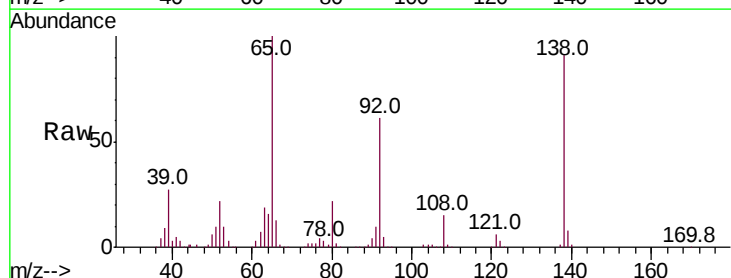
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion: 65 Resp: 660644

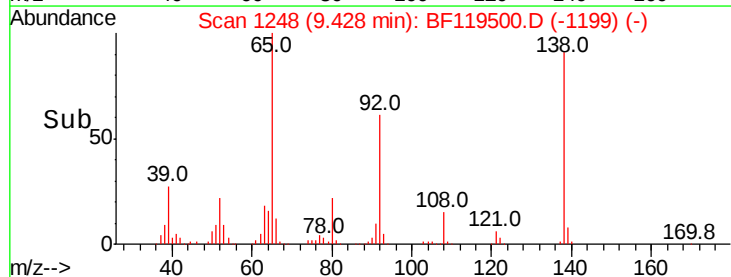
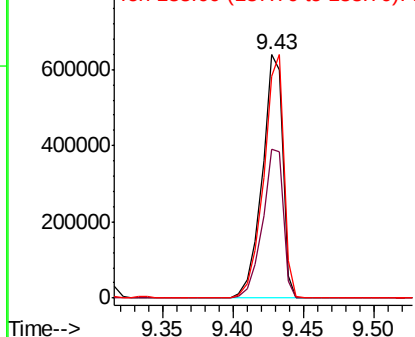
Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.5	75.7
138	91.0	75.8	113.8

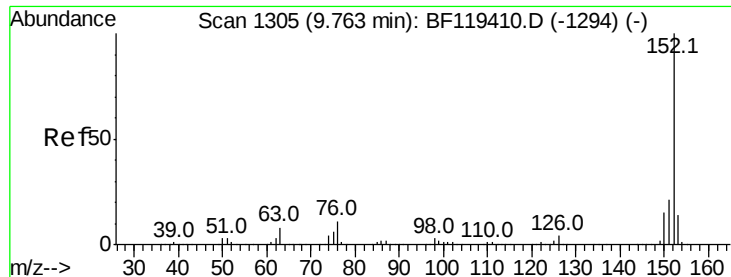


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.107 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

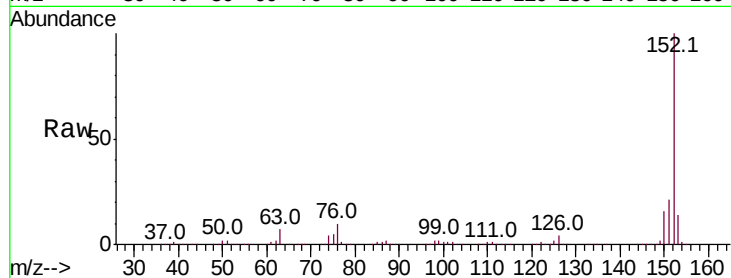
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2736677

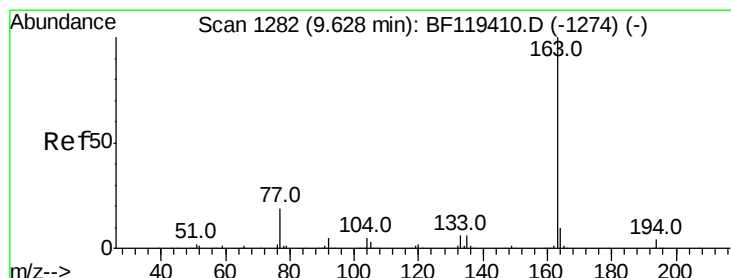
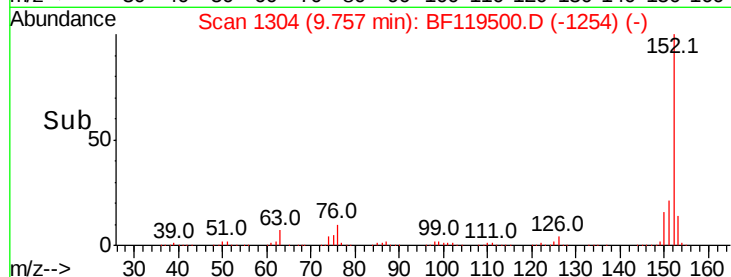
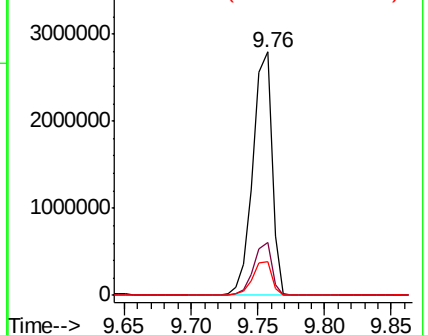
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	13.7	11.2	16.8



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: 42.686 ng

RT: 9.62 min Scan# 1280

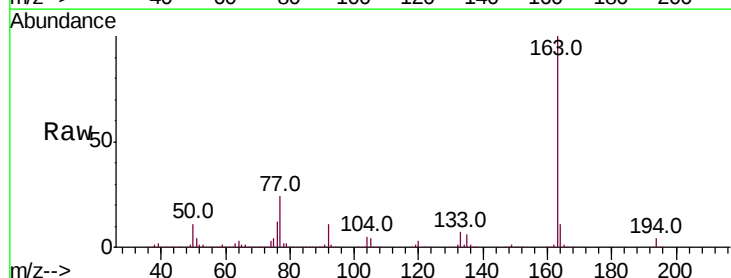
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:163 Resp: 2065054

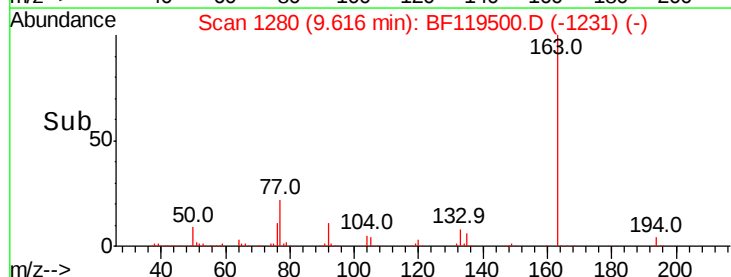
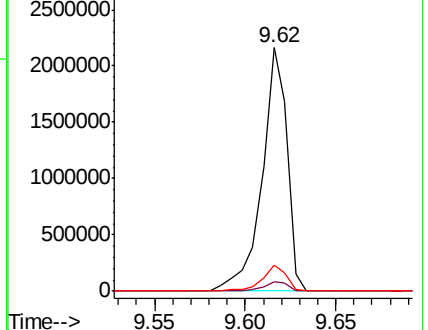
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.7	8.1	12.1

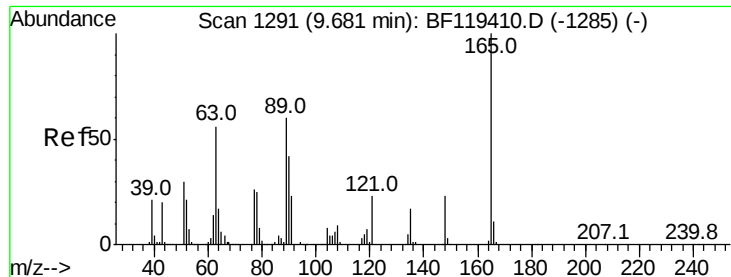


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

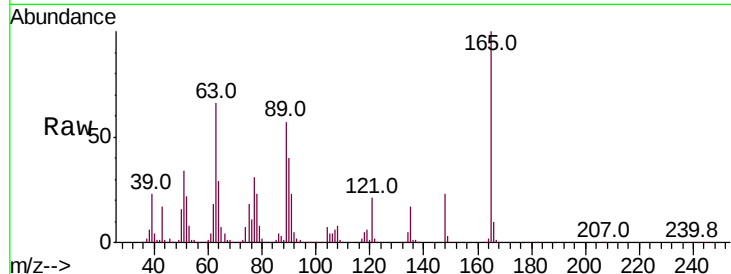




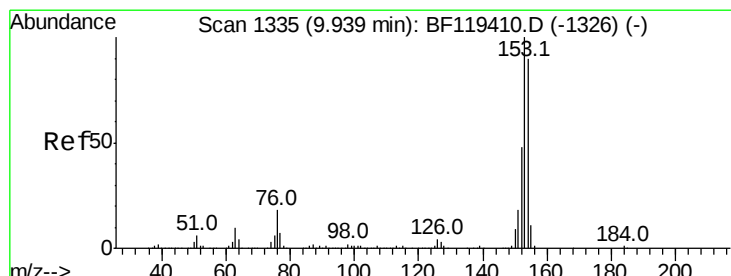
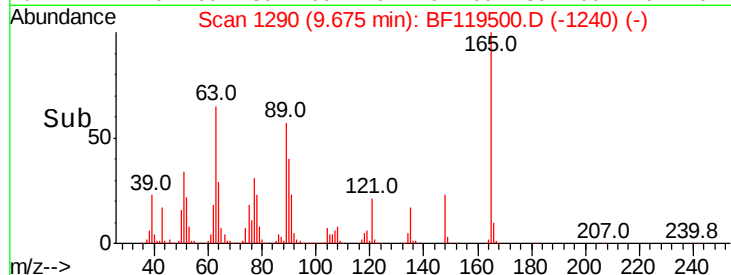
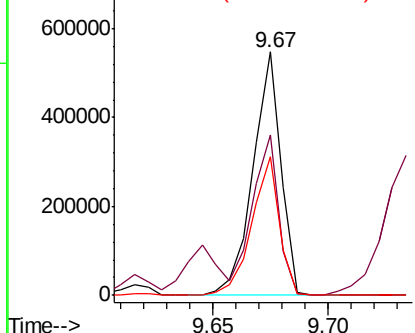
#51
 2,6-Dinitrotoluene
 Concen: 44.820 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 464768
 Ion Ratio Lower Upper
 165 100
 63 65.7 57.3 85.9
 89 56.9 47.8 71.8

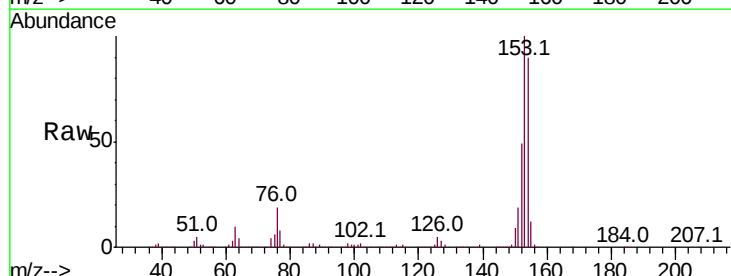


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

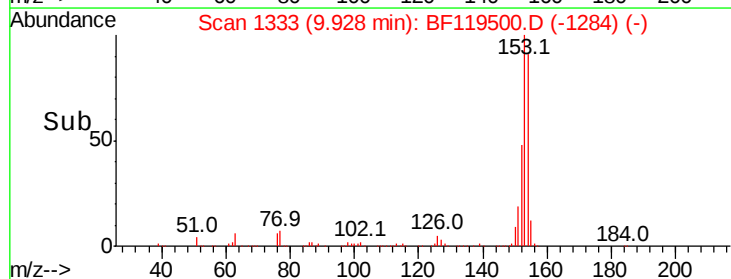
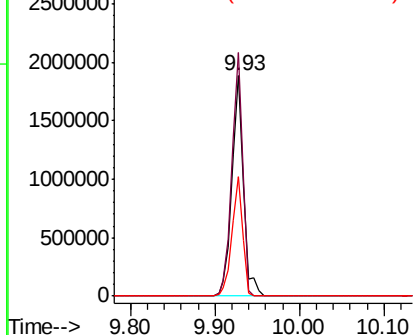


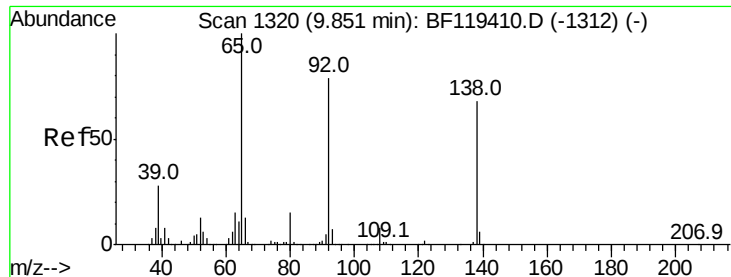
#52
 Acenaphthene
 Concen: 41.388 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:154 Resp: 1760587
 Ion Ratio Lower Upper
 154 100
 153 110.5 89.0 133.6
 152 54.2 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

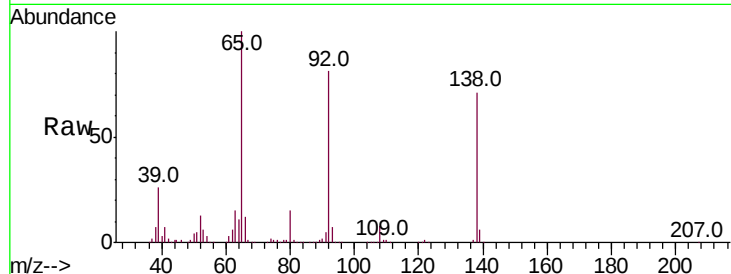




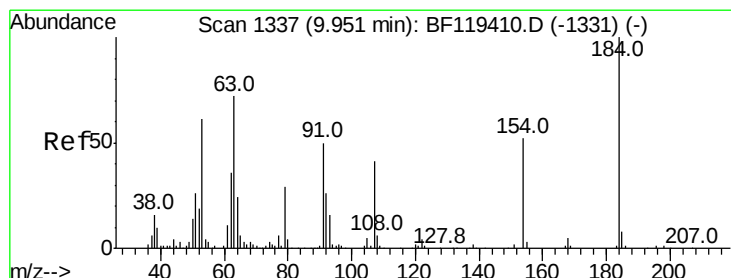
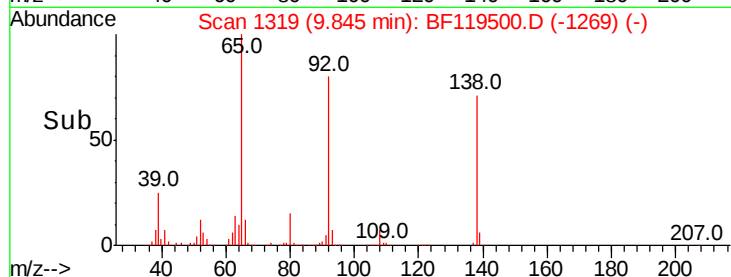
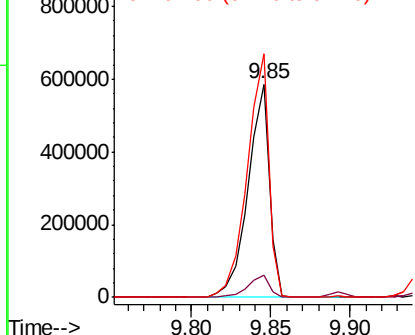
#53
3-Nitroaniline
Concen: 41.785 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 547026
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 114.3 93.2 139.8

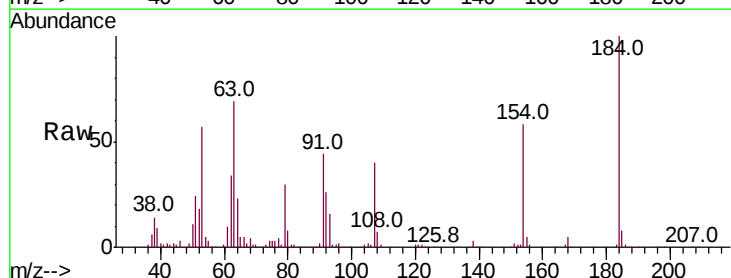


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

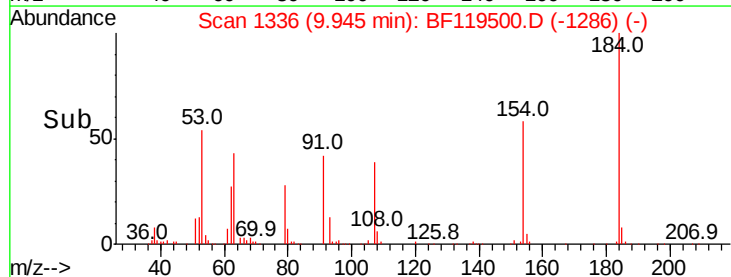
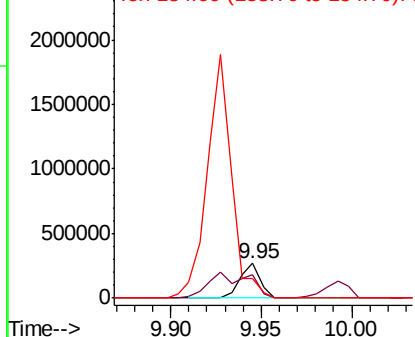


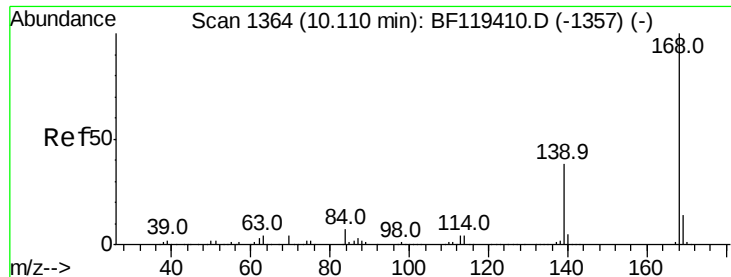
#54
2,4-Dinitrophenol
Concen: 50.718 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:184 Resp: 214430
Ion Ratio Lower Upper
184 100
63 68.9 58.5 87.7
154 58.3 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

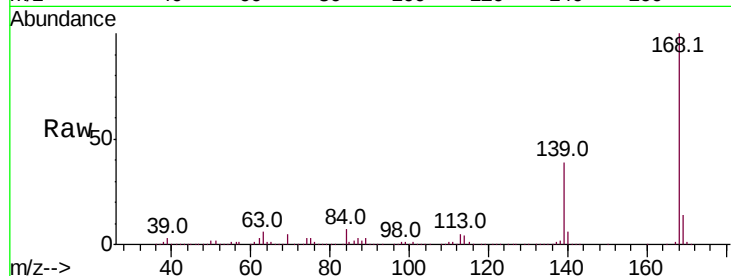




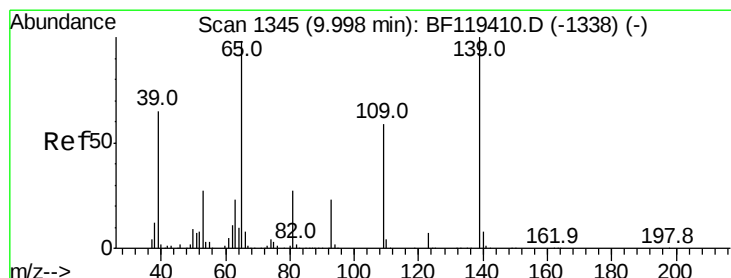
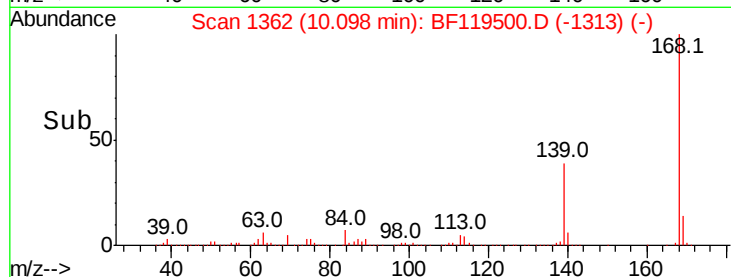
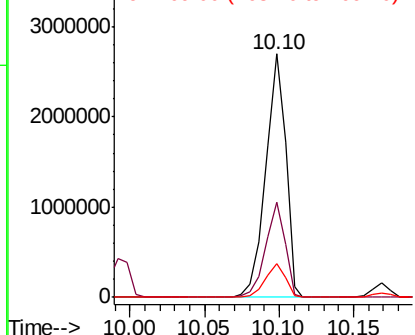
#55
Dibenzenofuran
Concen: 40.628 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2477885
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.4
169 14.0 11.1 16.7

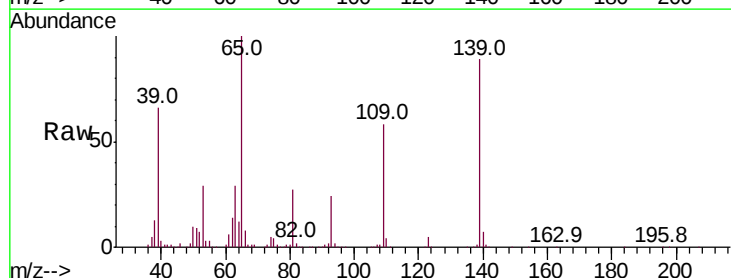


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

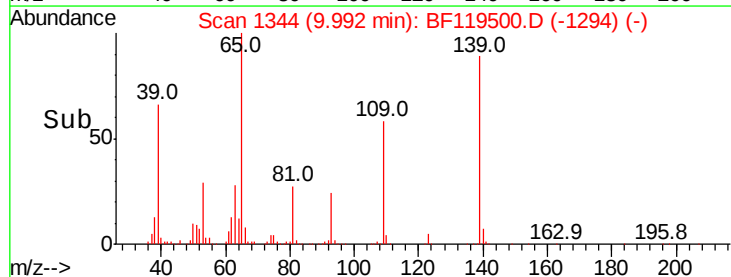
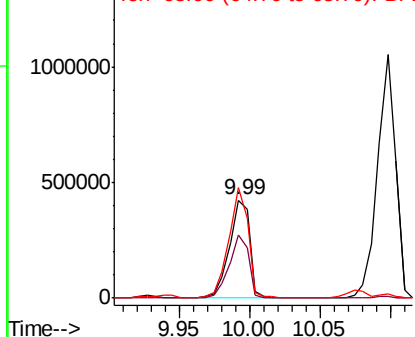


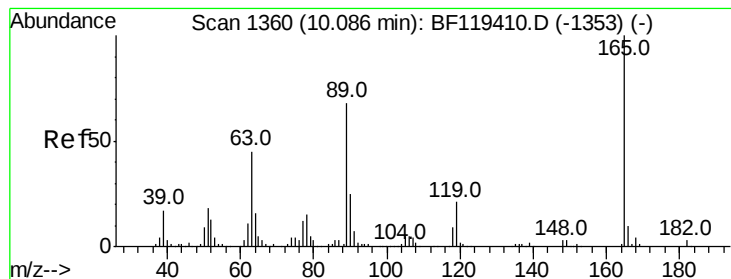
#56
4-Nitrophenol
Concen: 41.211 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:139 Resp: 425607
Ion Ratio Lower Upper
139 100
109 64.8 39.6 79.6
65 112.5 78.3 118.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 47.276 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 617560

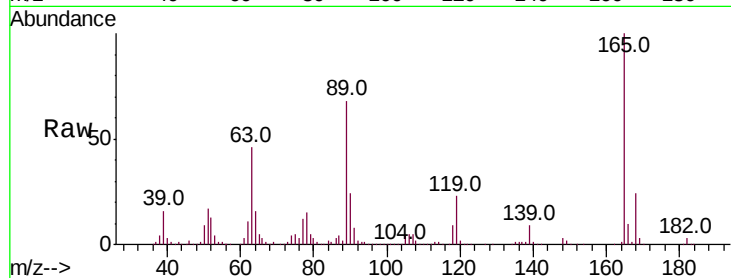
Ion Ratio Lower Upper

165 100

63 45.7 36.2 54.4

89 67.8 54.3 81.5

182 2.6 2.0 3.0

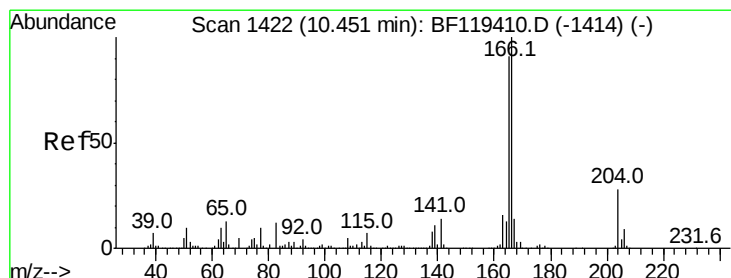
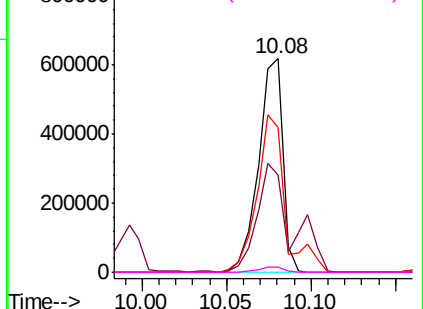
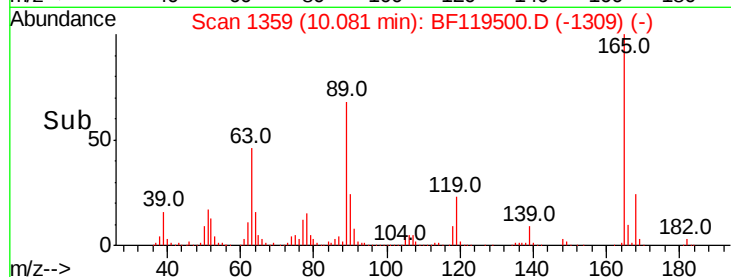


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.413 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

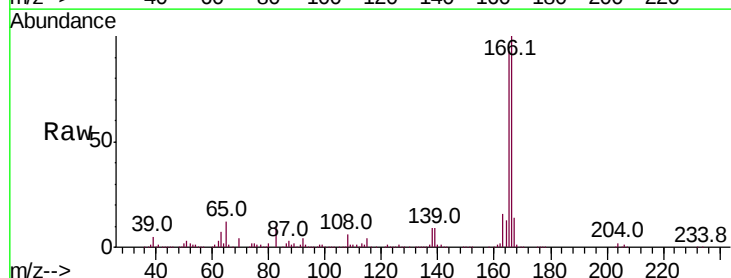
Tgt Ion:166 Resp: 1867755

Ion Ratio Lower Upper

166 100

165 93.4 73.1 109.7

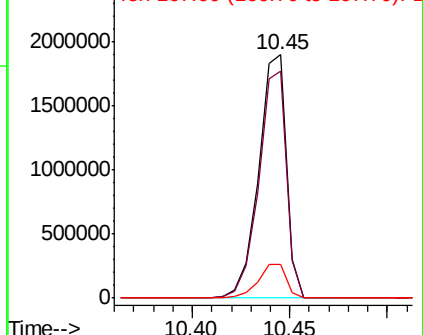
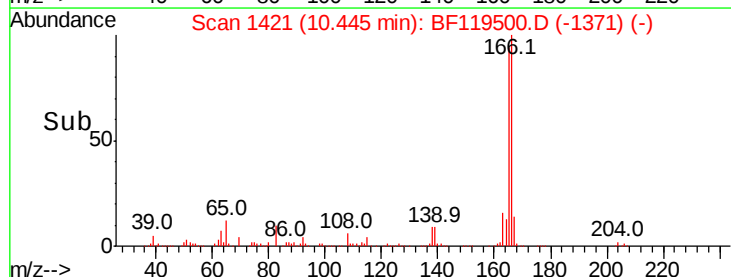
167 13.6 11.0 16.6

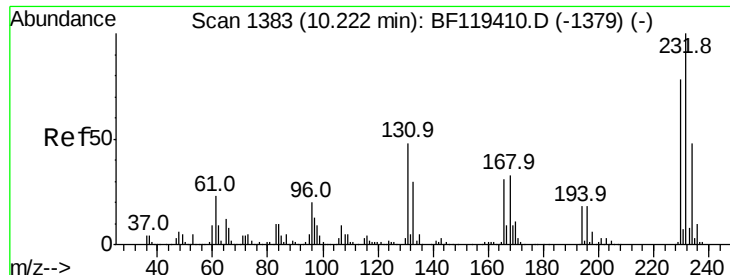


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.862 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 524705

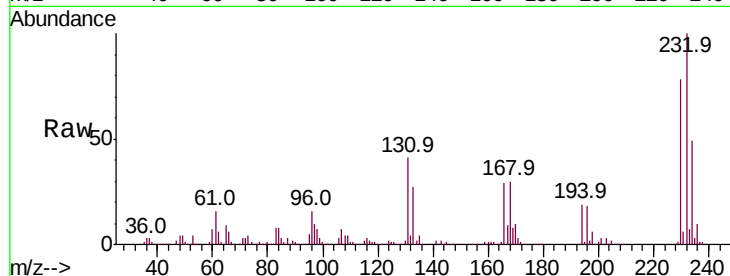
Ion Ratio Lower Upper

232 100

131 47.1 36.3 54.5

130 2.2 1.8 2.6

166 32.3 24.9 37.3

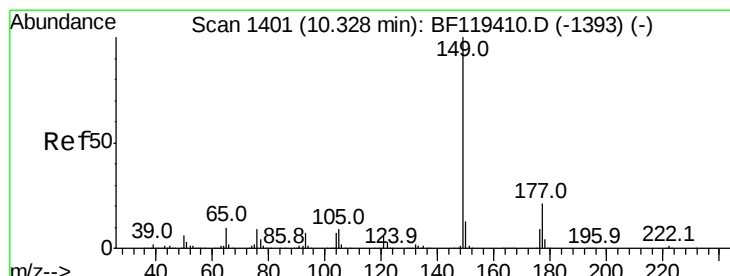
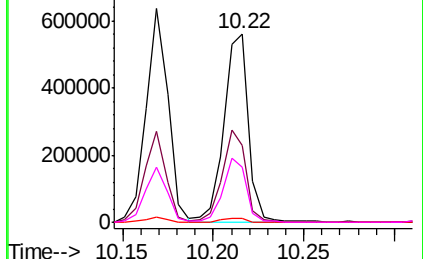
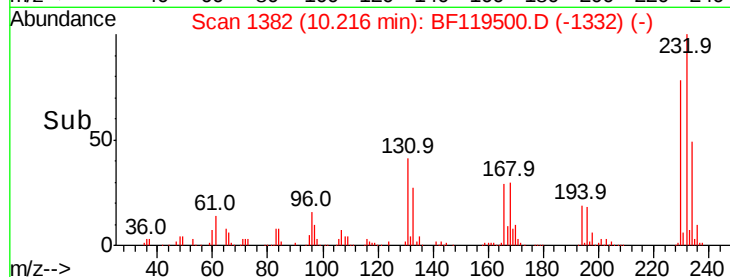


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.715 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

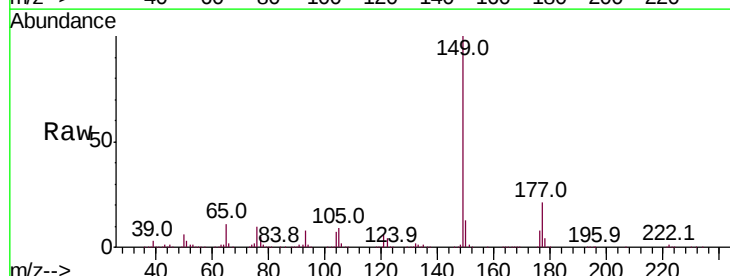
Tgt Ion:149 Resp: 2195544

Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

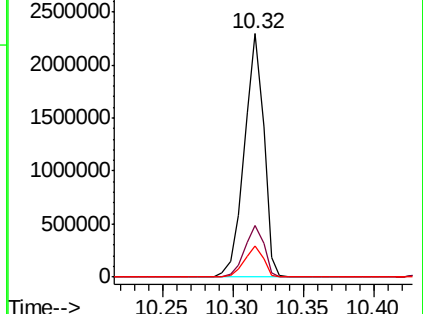
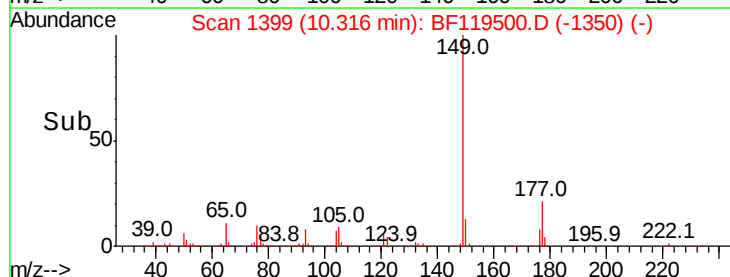
150 12.9 10.2 15.4

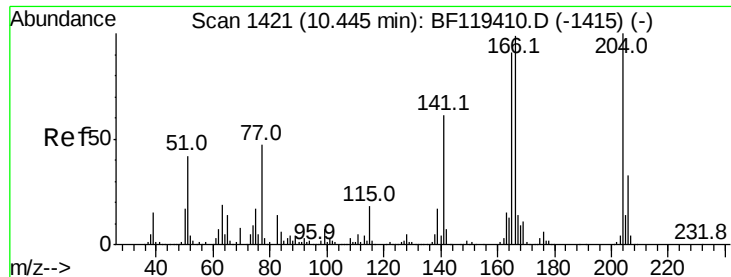


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

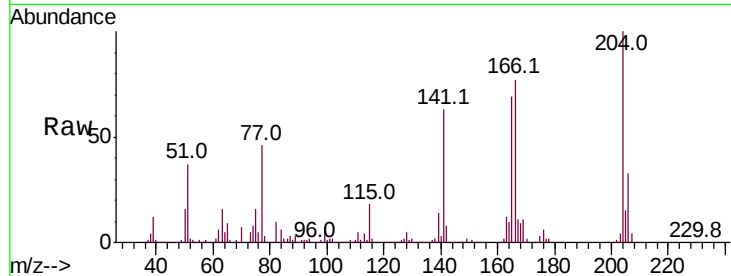




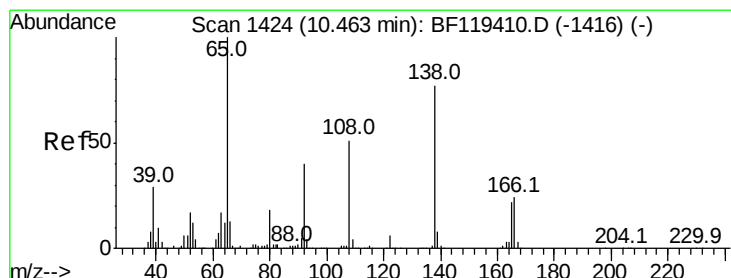
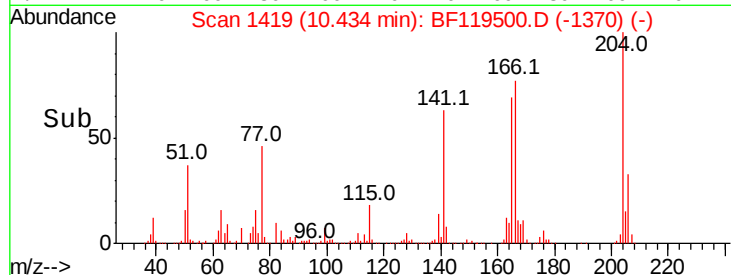
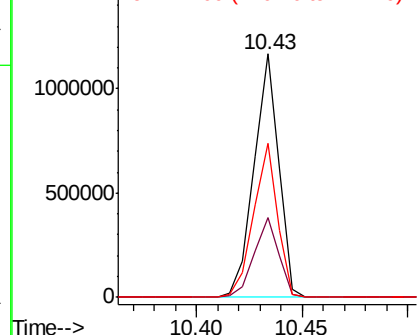
#61
4-Chlorophenyl-phenylether
Concen: 43.130 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 951235
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 63.1 48.8 73.2

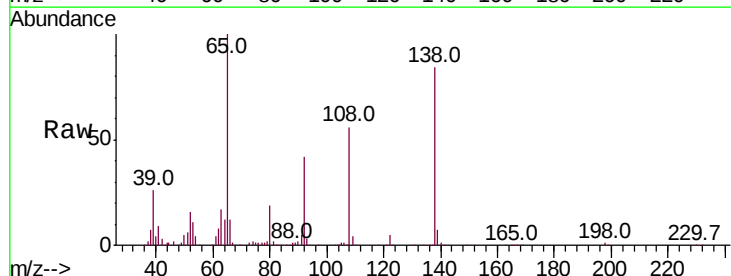


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

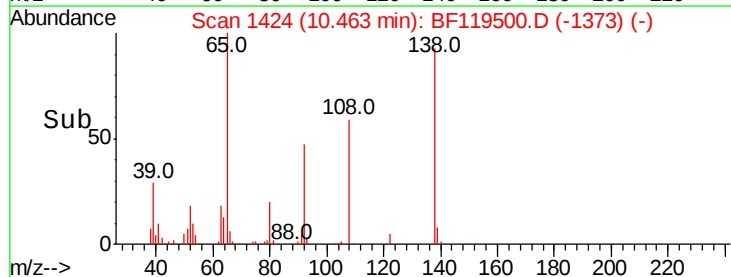
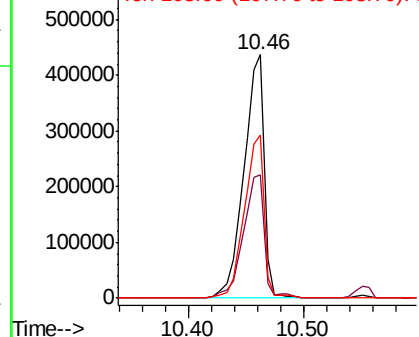


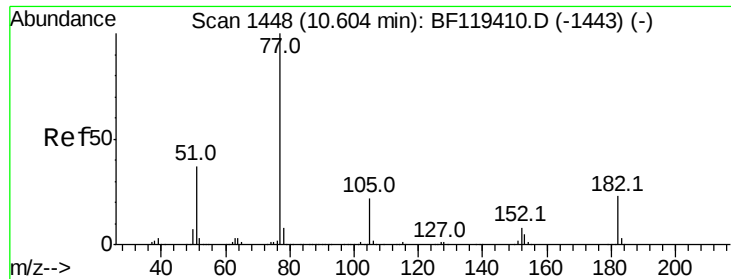
#62
4-Nitroaniline
Concen: 42.370 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:138 Resp: 531908
Ion Ratio Lower Upper
138 100
92 50.7 32.0 72.0
108 66.8 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

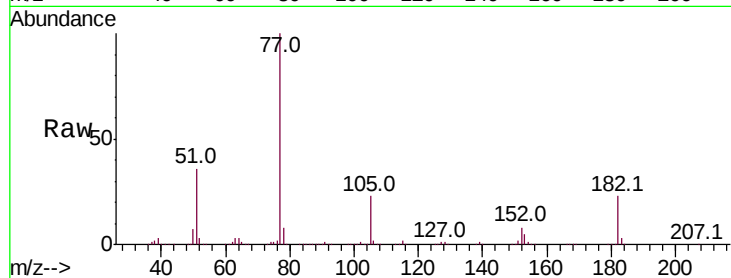




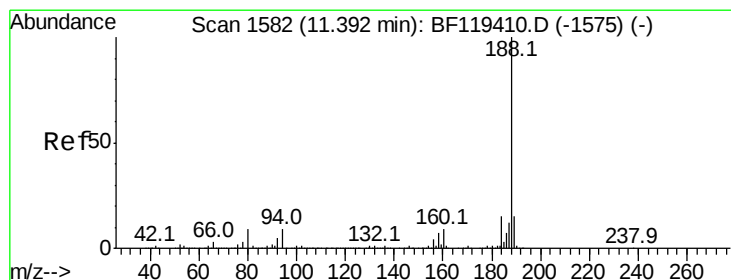
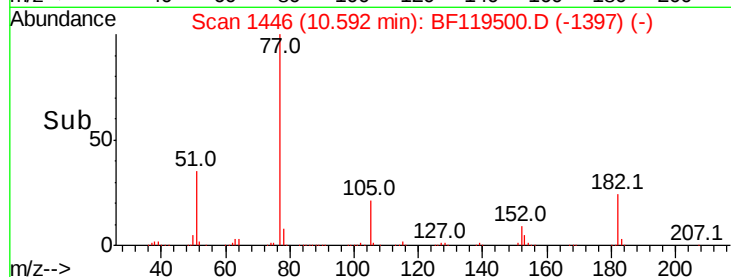
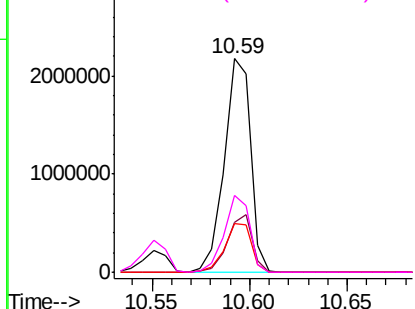
#63
Azobenzene
Concen: 41.060 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 2030238
Ion Ratio Lower Upper
77 100
182 23.2 2.5 42.5
105 22.9 2.5 42.5
51 35.8 17.1 57.1

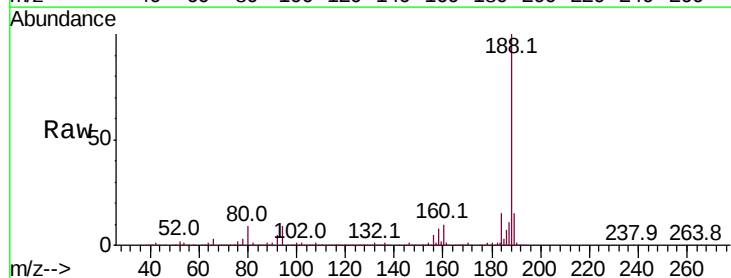


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

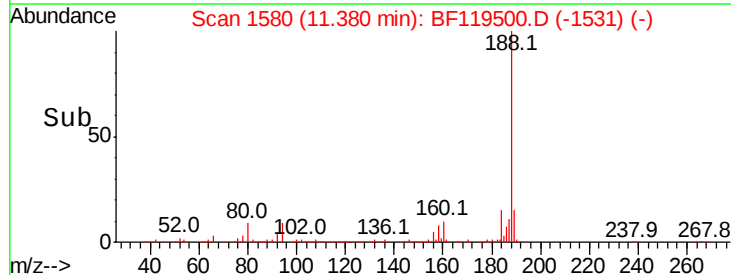
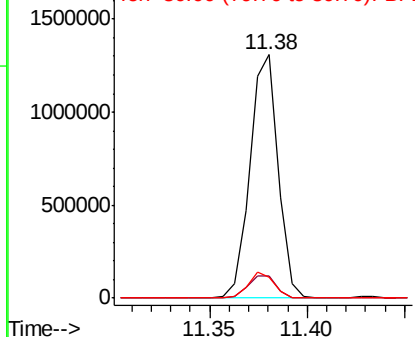


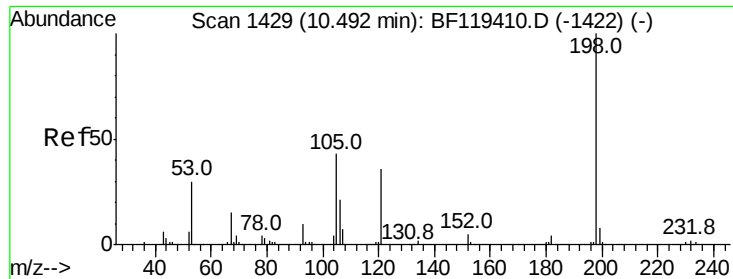
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion: 188 Resp: 1302064
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 8.8 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

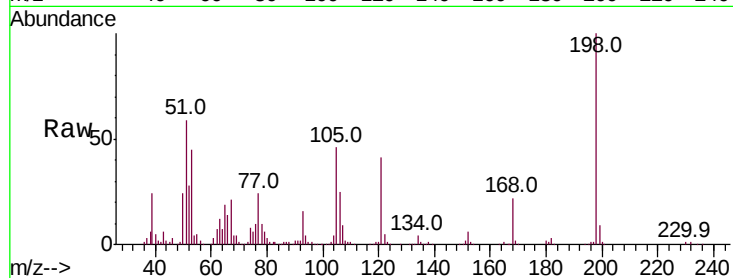




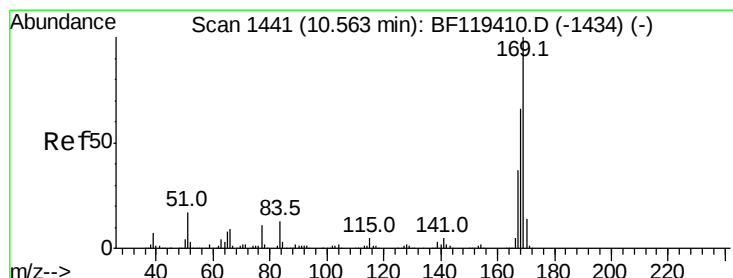
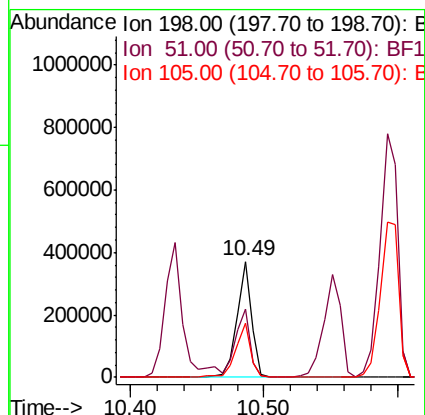
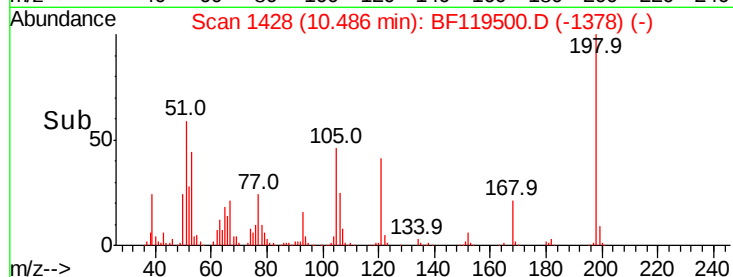
#65
4,6-Dinitro-2-methylphenol
Concen: 53.432 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 291734
Ion Ratio Lower Upper
198 100
51 58.6 33.1 73.1
105 46.1 24.1 64.1

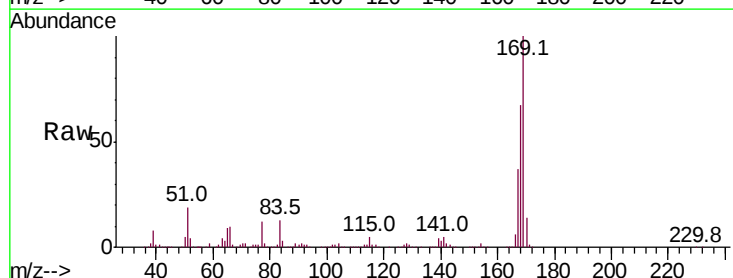


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

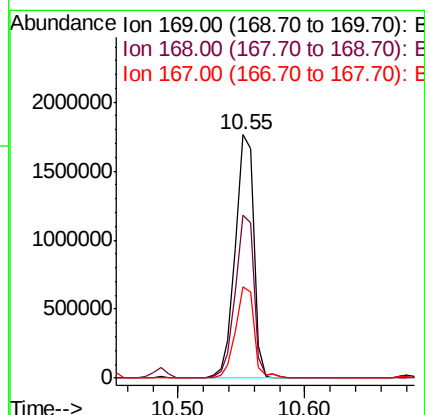
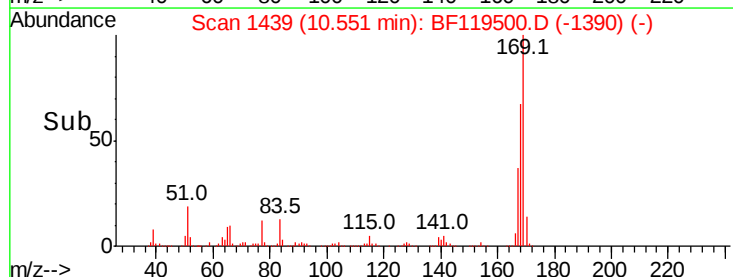


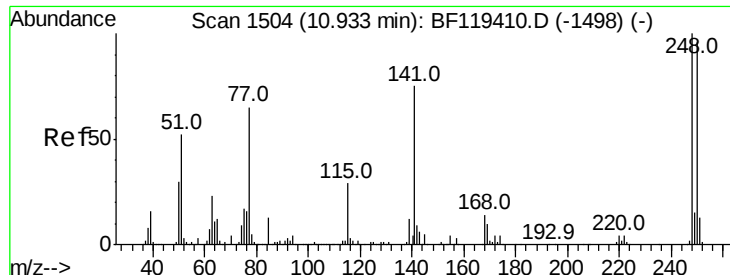
#66
n-Nitrosodiphenylamine
Concen: 41.175 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:169 Resp: 1760002
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 37.3 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

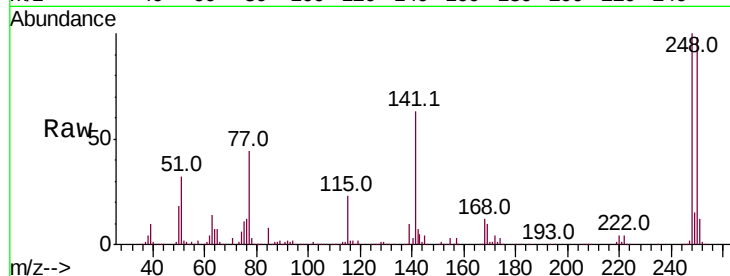




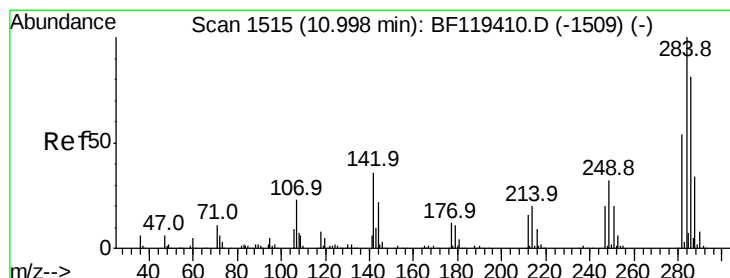
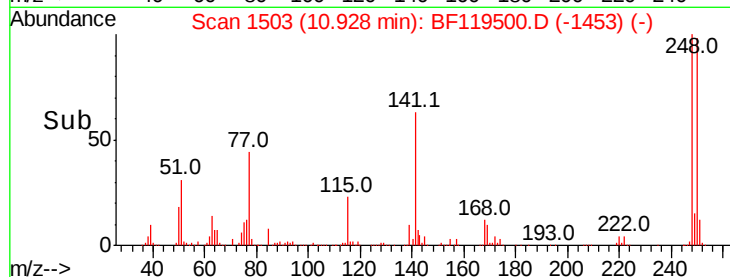
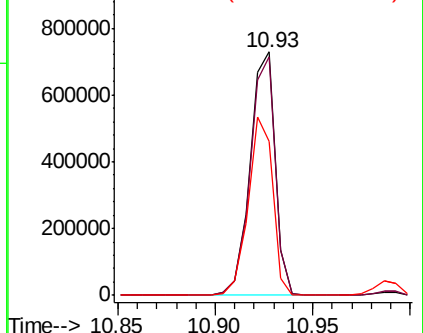
#67
 4-Bromophenyl-phenylether
 Concen: 43.582 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	63.5	59.7	89.5

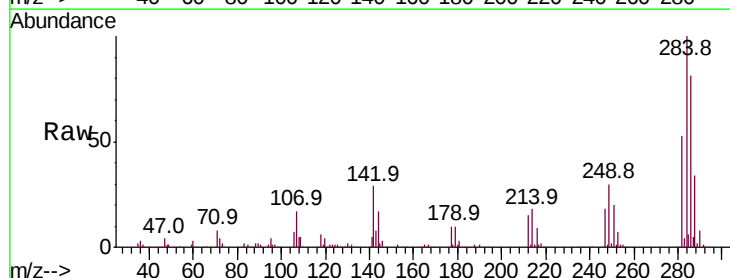


Abundance Ion 248.00 (247.70 to 248.70): E
 1000000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

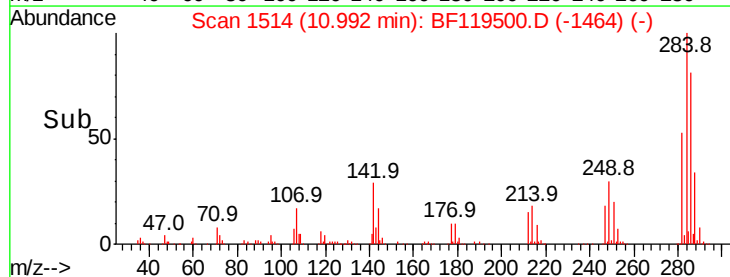
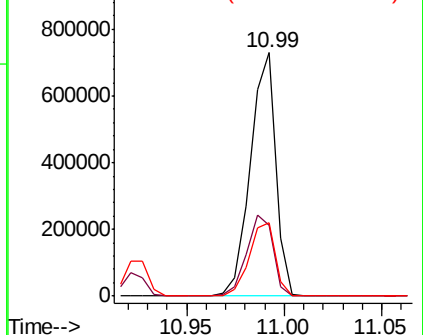


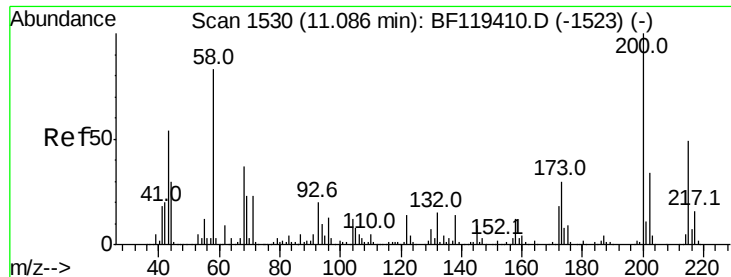
#68
 Hexachlorobenzene
 Concen: 43.342 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.7	43.1
249	30.3	25.4	38.0



Abundance Ion 283.80 (283.50 to 284.50): E
 1000000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

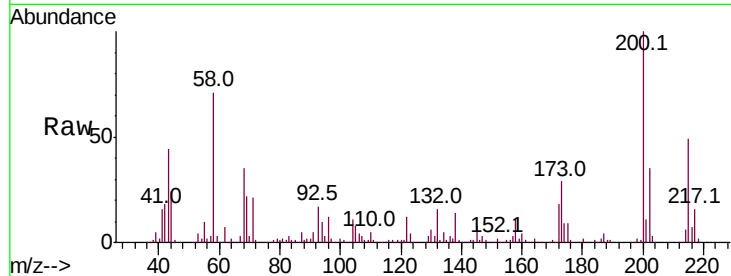




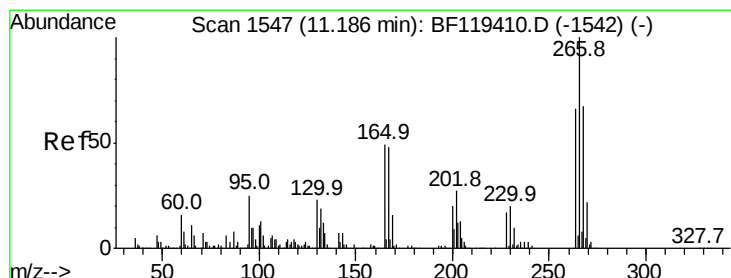
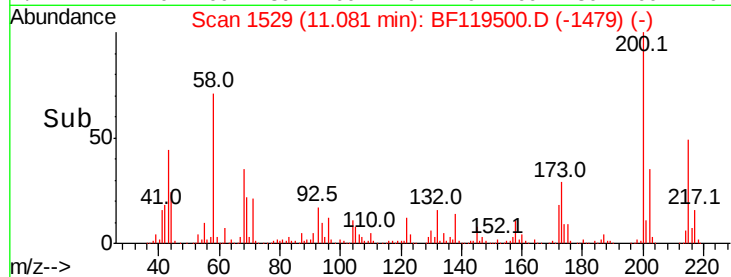
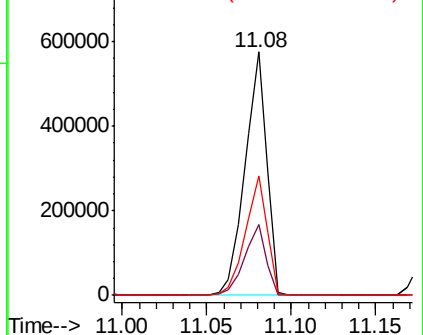
#69
 Atrazine
 Concen: 44.466 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:200 Resp: 521071
 Ion Ratio Lower Upper
 200 100
 173 29.2 9.9 49.9
 215 49.2 29.4 69.4

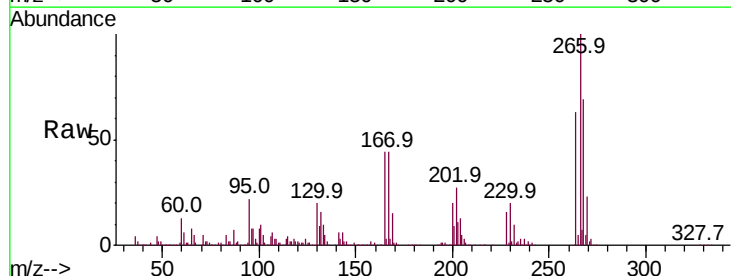


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

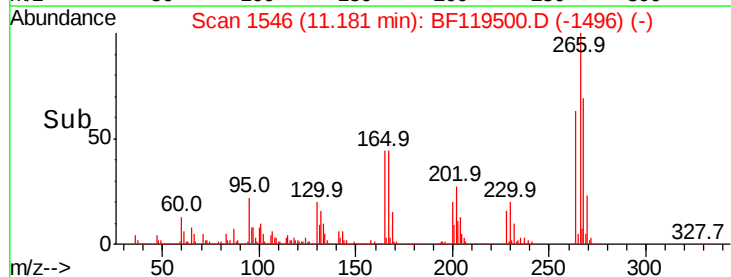
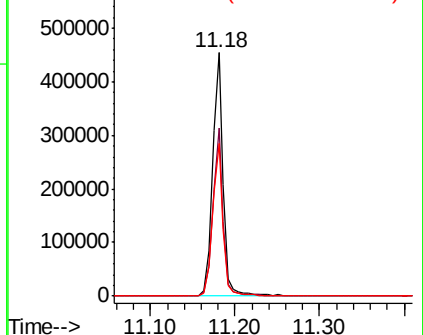


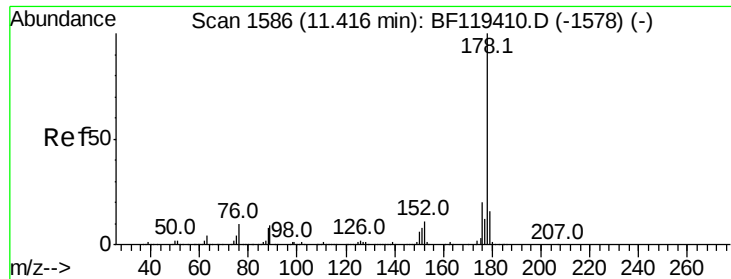
#70
 Pentachlorophenol
 Concen: 45.893 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF119500.D
 Acq: 25 Mar 2020 11:59

Tgt Ion:266 Resp: 408406
 Ion Ratio Lower Upper
 266 100
 268 69.1 53.7 80.5
 264 62.8 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

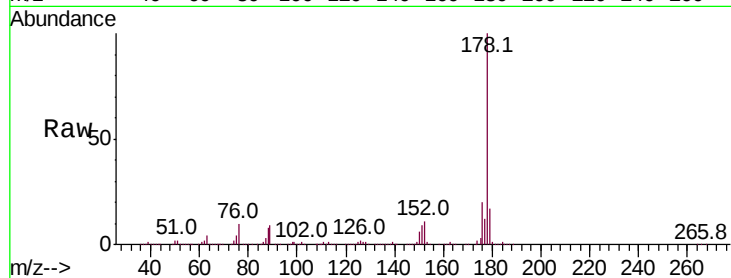




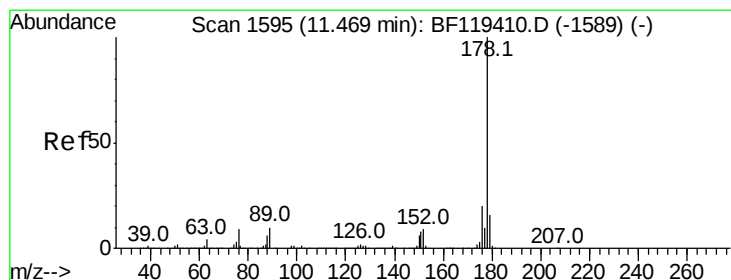
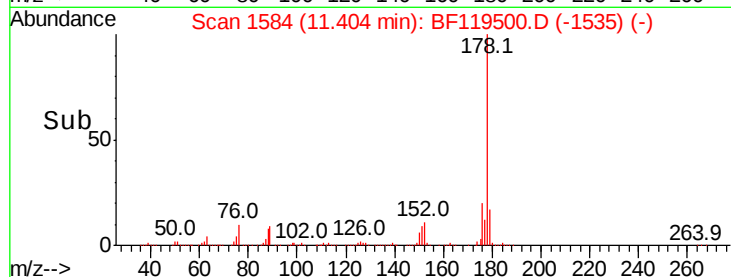
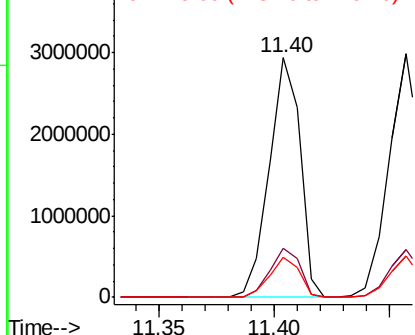
#71
Phenanthrene
Concen: 40.563 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2738657
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.6 12.9 19.3

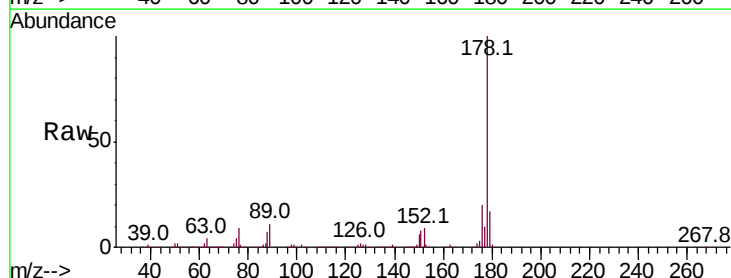


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

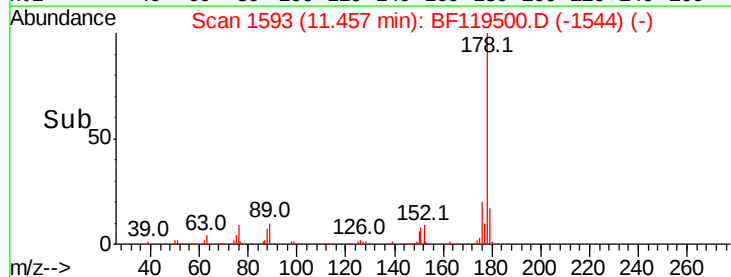
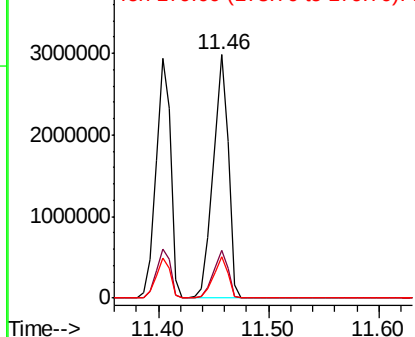


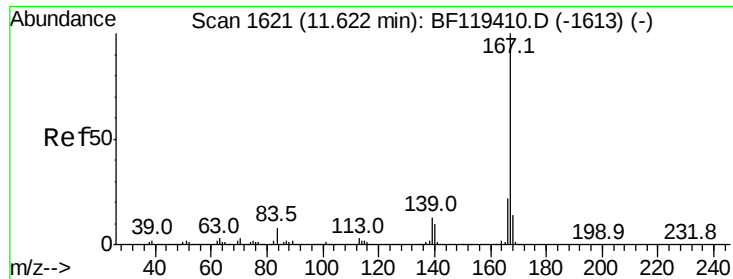
#72
Anthracene
Concen: 40.793 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:178 Resp: 2799151
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.8 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: 39.775 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

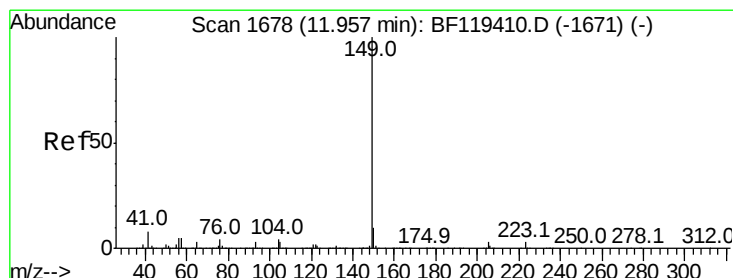
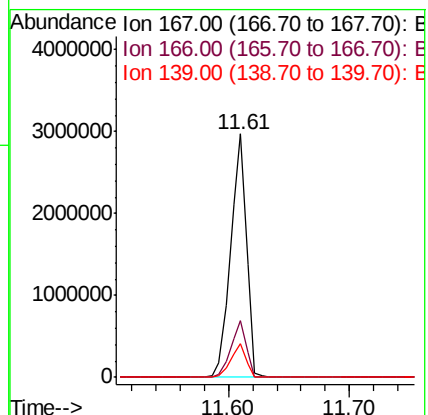
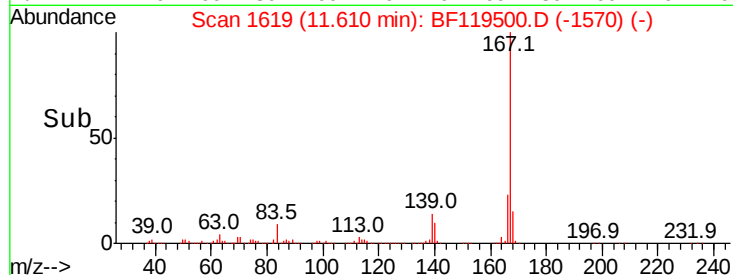
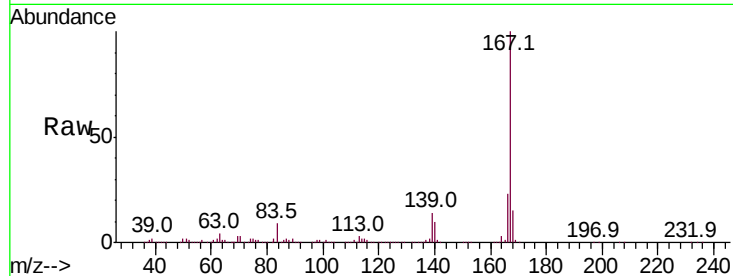
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2701457

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	13.8	10.2	15.4



#74

Di-n-butylphthalate

Concen: 47.052 ng

RT: 11.95 min Scan# 1676

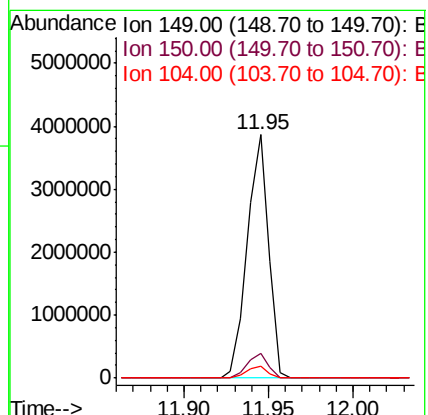
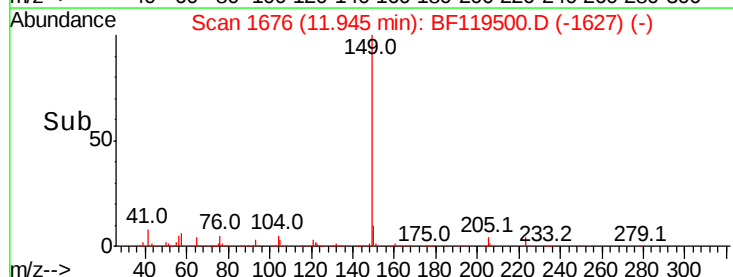
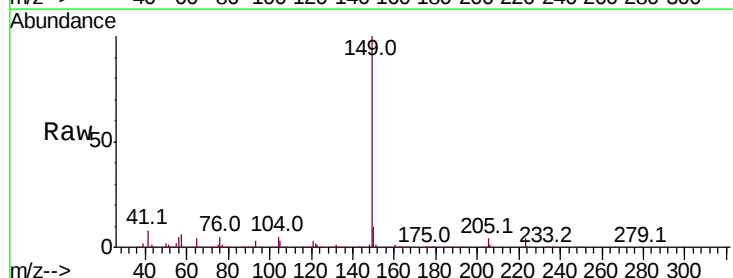
Delta R.T. -0.01 min

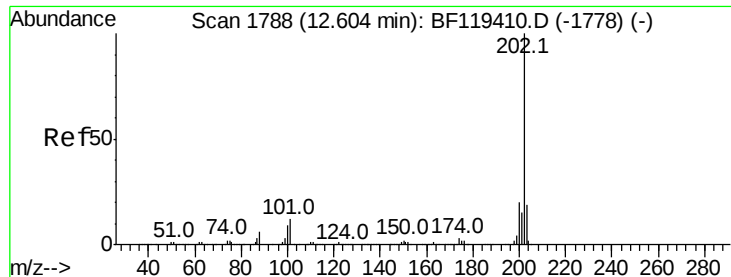
Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:149 Resp: 3418549

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	5.0	3.5	5.3





#75

Fluoranthene

Concen: 41.012 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

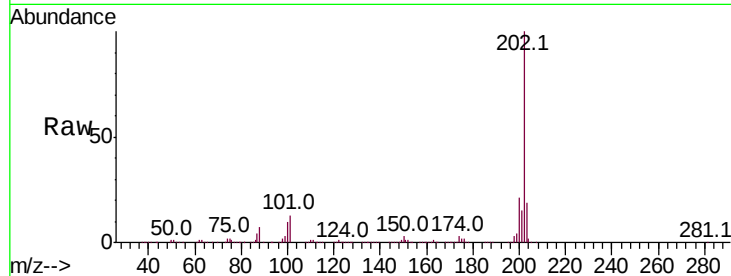
Tot Ion:202 Resp: 2996676

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.4

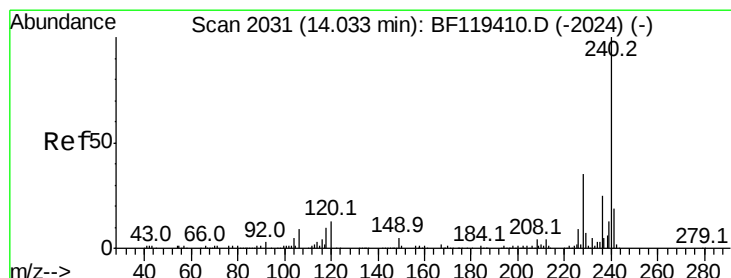
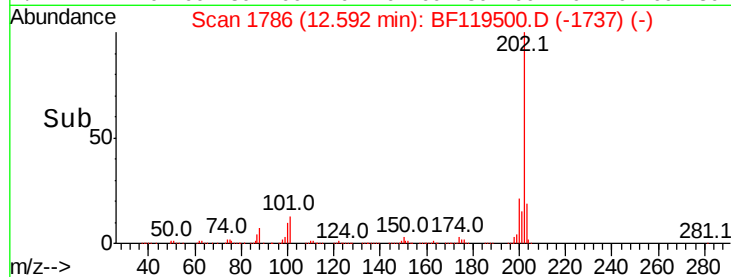
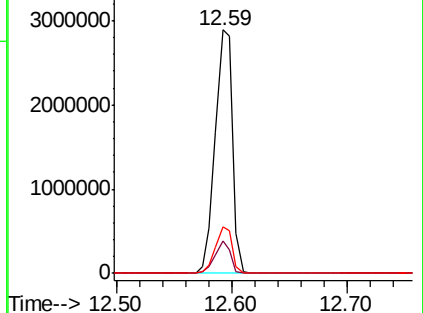
203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

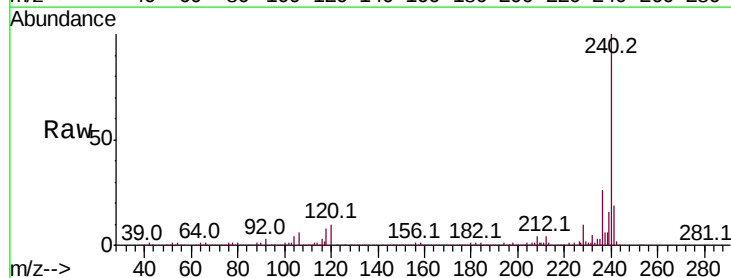
Tgt Ion:240 Resp: 960188

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

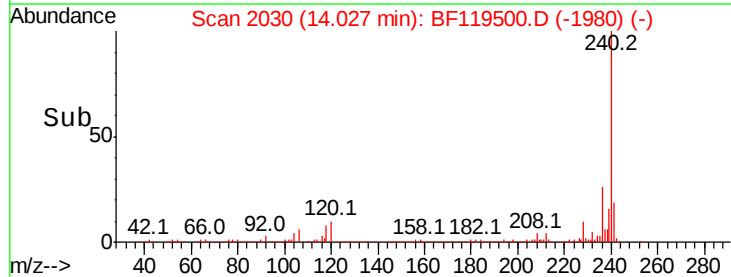
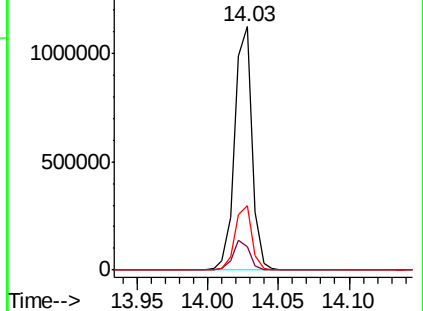
236 26.2 20.4 30.6

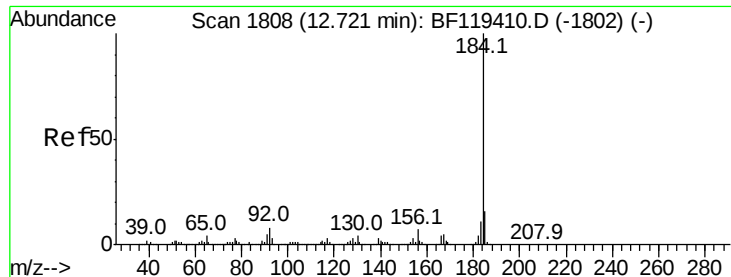


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.827 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

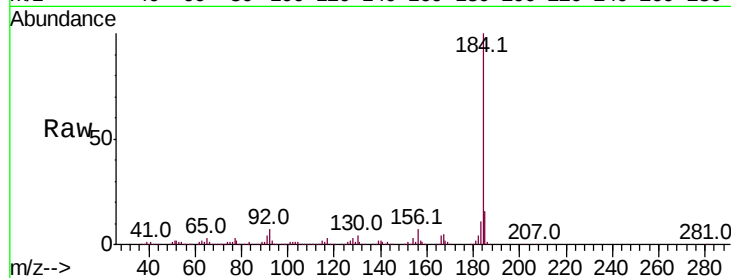
Tot Ion:184 Resp: 1293302

Ion Ratio Lower Upper

184 100

185 15.8 12.9 19.3

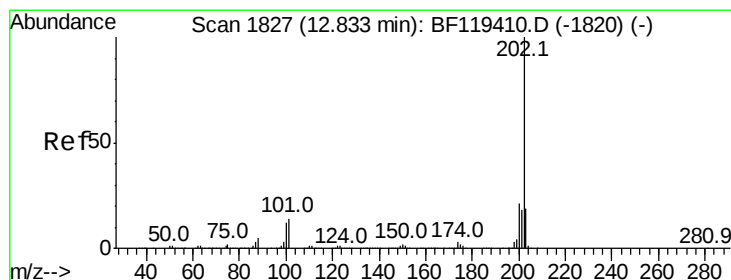
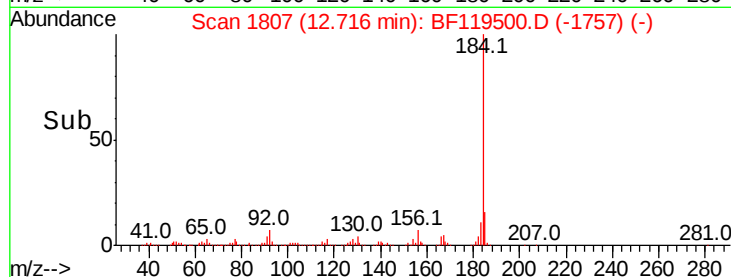
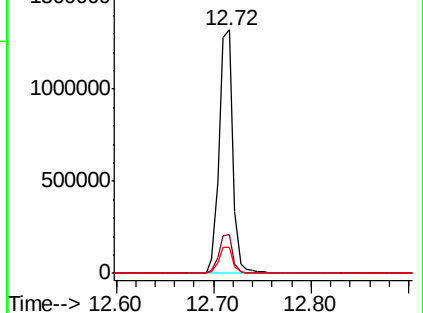
183 10.8 9.0 13.4



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: 39.207 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

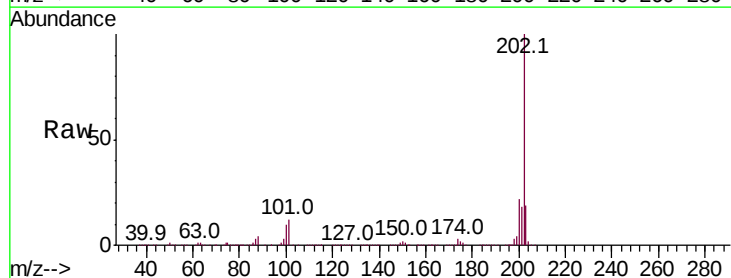
Tgt Ion:202 Resp: 3089561

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

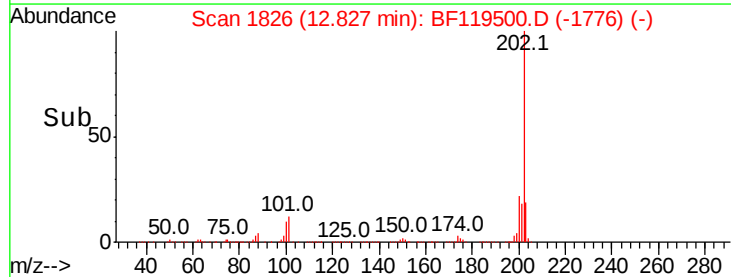
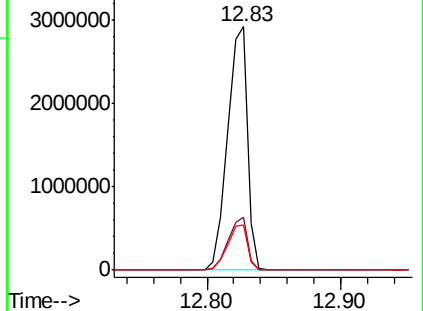
203 18.7 14.8 22.2

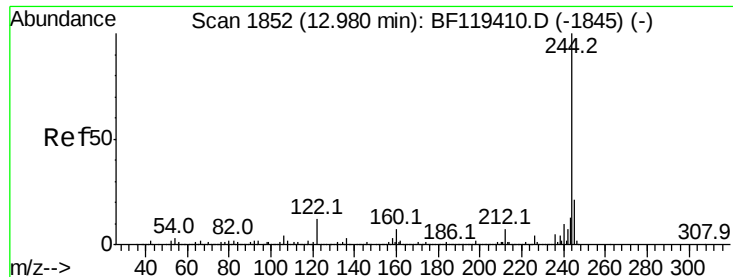


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.839 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

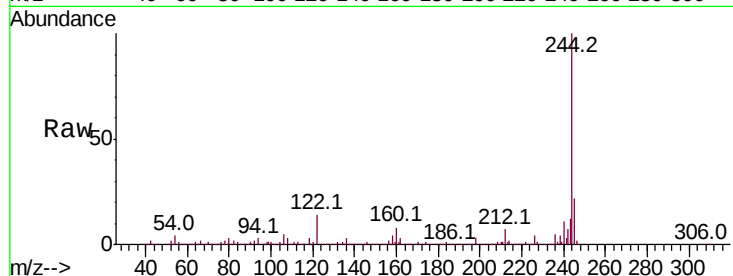
Tot Ion:244 Resp: 4059845

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

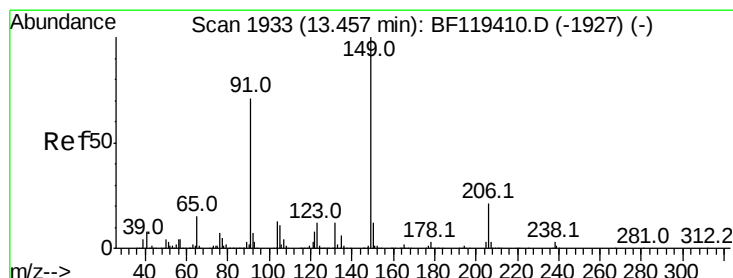
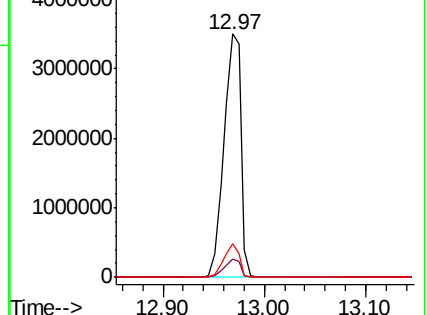
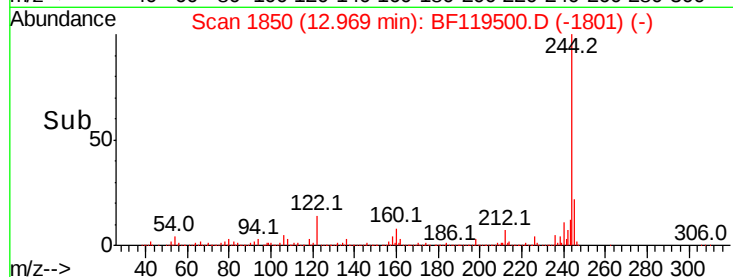
122 13.9 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.208 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

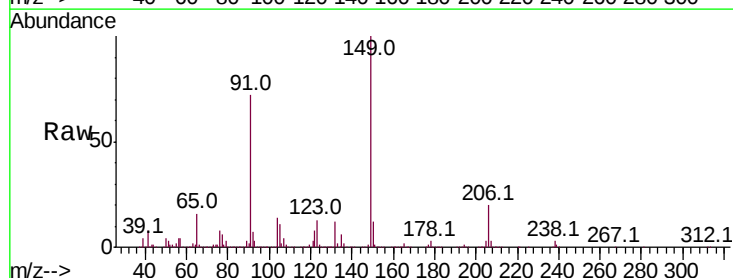
Tgt Ion:149 Resp: 1568352

Ion Ratio Lower Upper

149 100

91 72.4 57.0 85.6

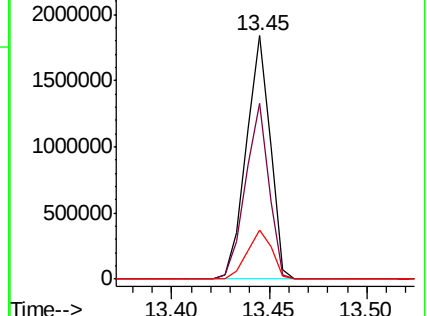
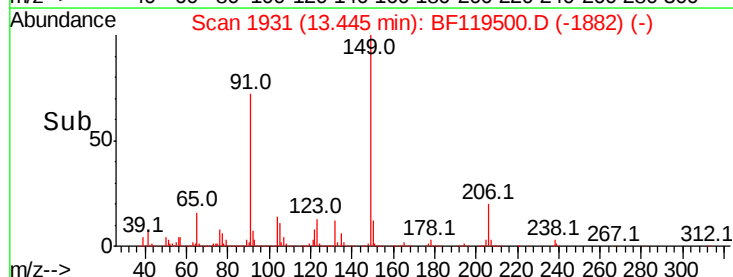
206 20.2 16.4 24.6

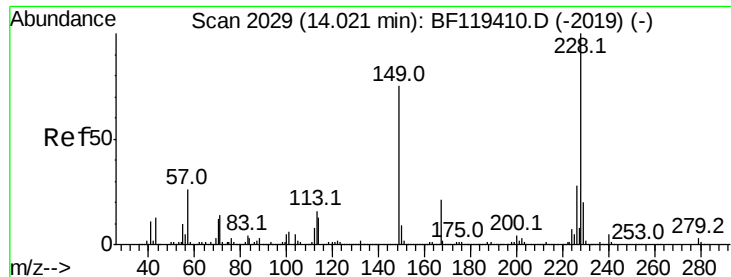


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.307 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

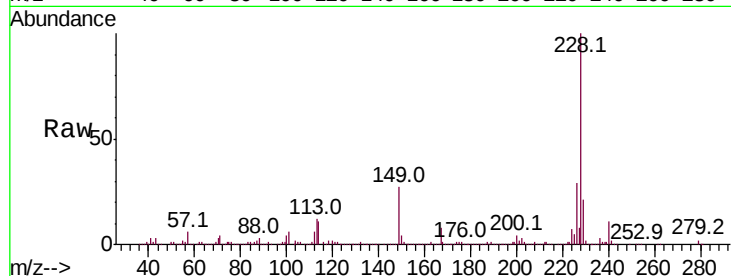
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2454331

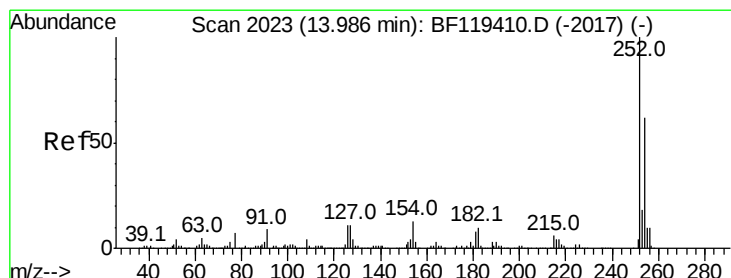
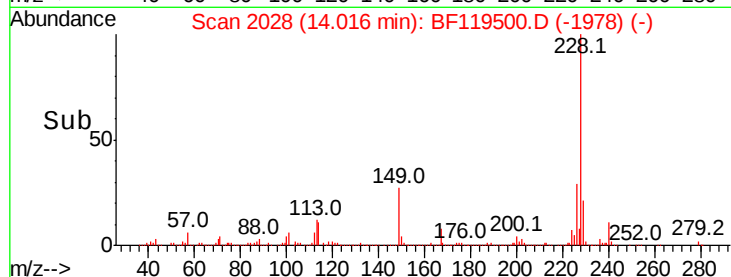
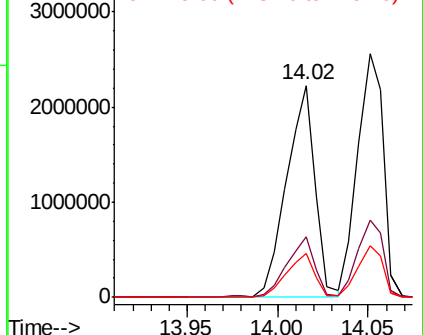
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.6	16.3	24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 41.873 ng

RT: 13.97 min Scan# 2021

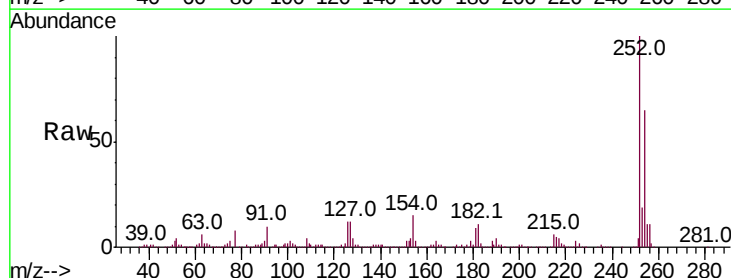
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:252 Resp: 1030873

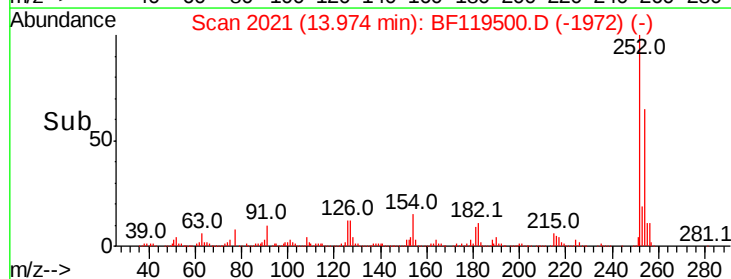
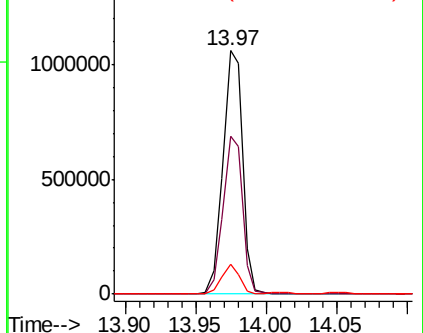
Ion	Ratio	Lower	Upper
252	100		
254	64.9	49.8	74.8
126	12.2	8.9	13.3

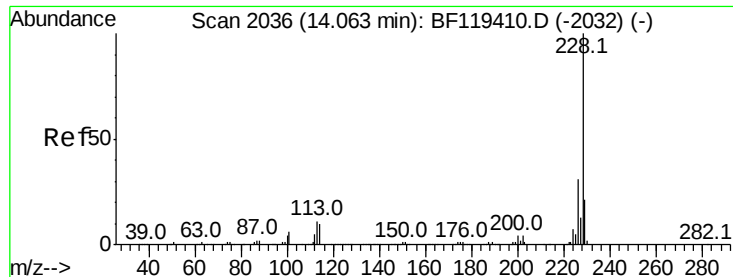


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.556 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

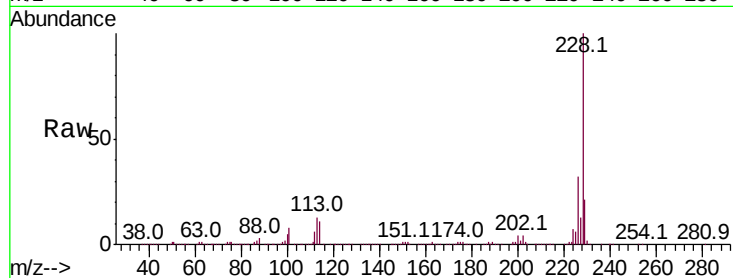
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2548963

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	21.0	16.6	25.0

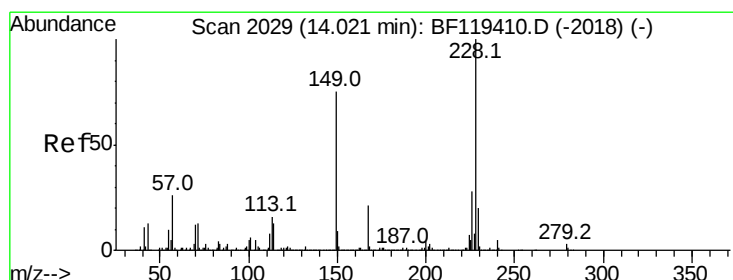
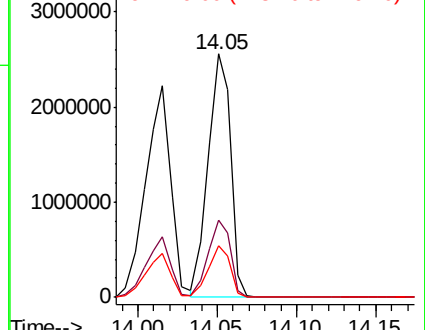
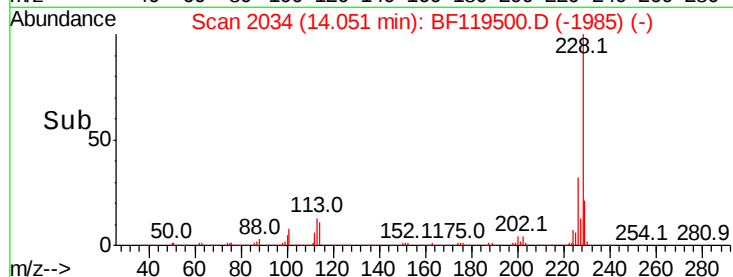


Abundance

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: 54.857 ng

RT: 14.01 min Scan# 2027

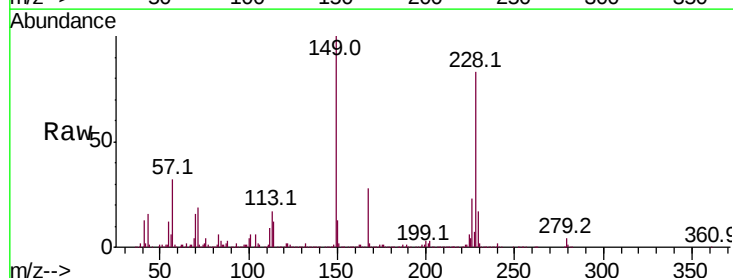
Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:149 Resp: 2084206

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.0	33.0
279	4.2	3.2	4.8

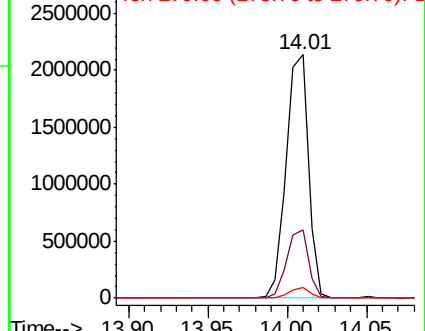
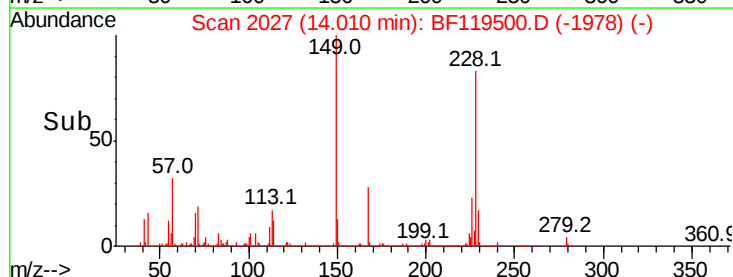


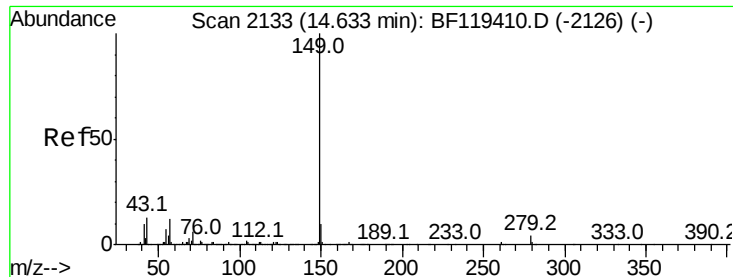
Abundance

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: 55.389 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

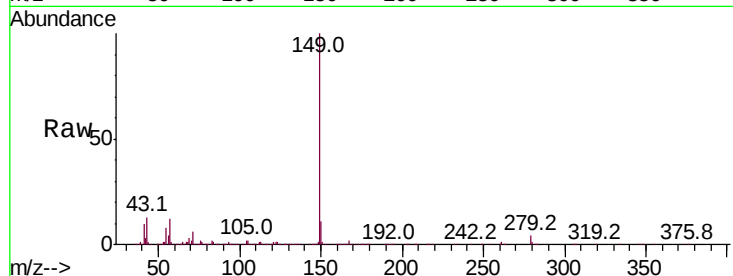
Tot Ion:149 Resp: 3701071

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

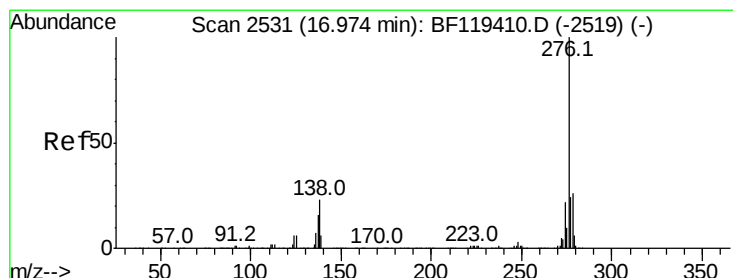
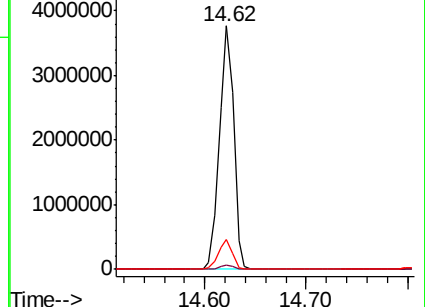
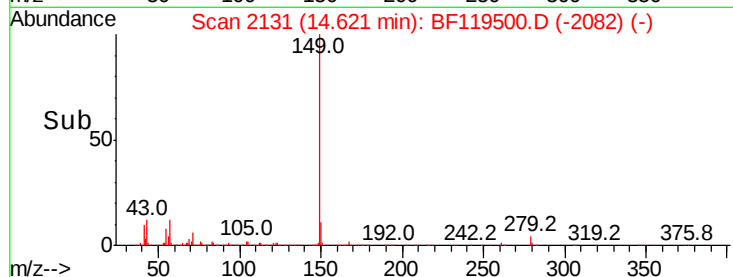
43 11.9 10.1 15.1



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: 36.842 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

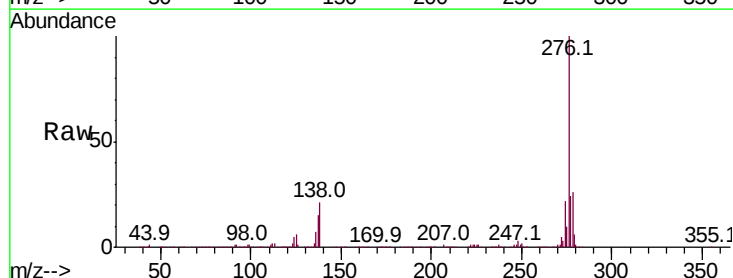
Tgt Ion:276 Resp: 2235911

Ion Ratio Lower Upper

276 100

138 24.3 21.3 31.9

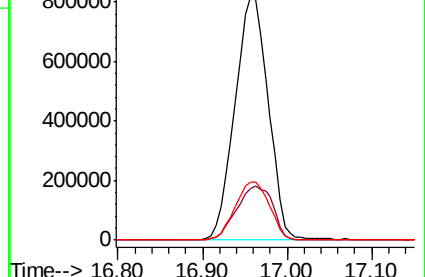
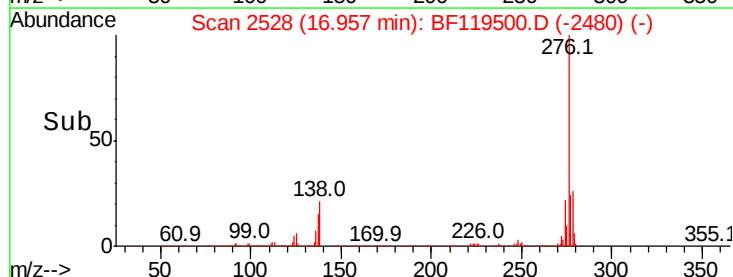
277 25.0 20.2 30.2

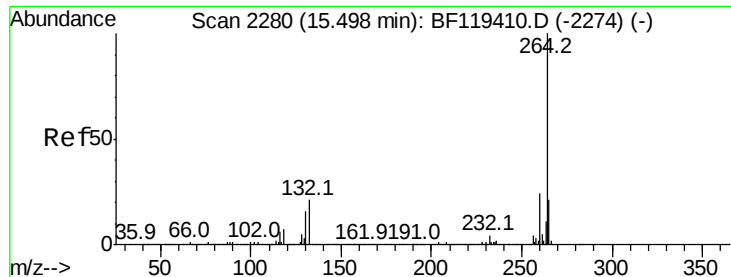


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



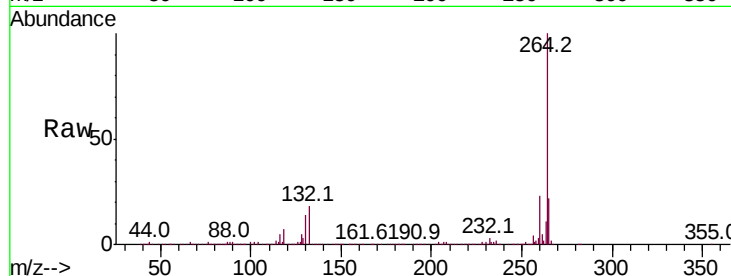


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

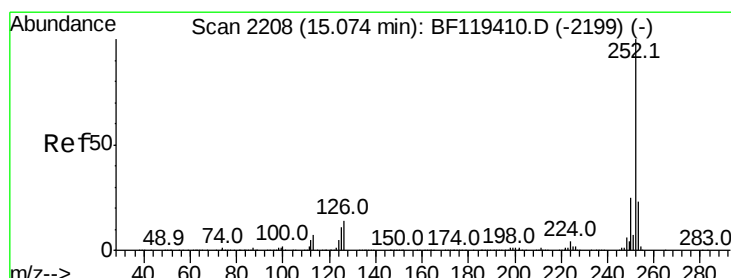
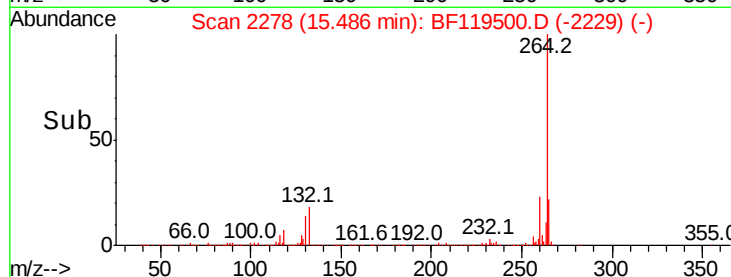
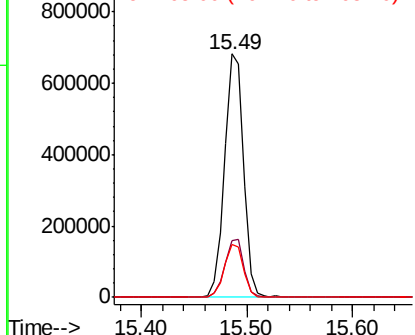
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 850279

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	16.9	25.3



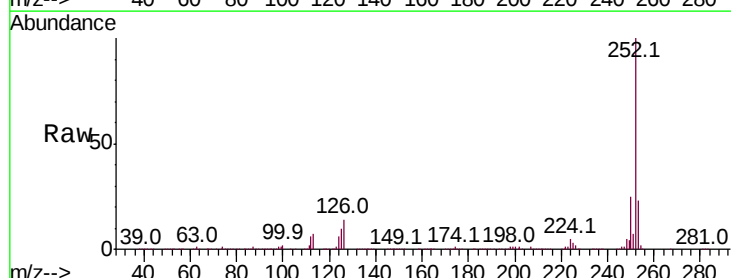
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



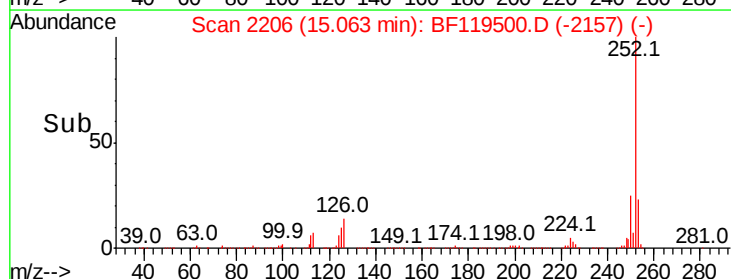
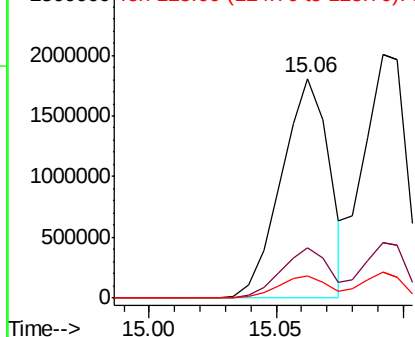
#88
Benzo(b)fluoranthene
Concen: 42.008 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

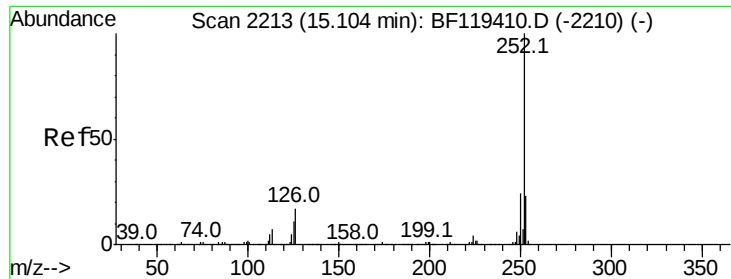
Tgt Ion:252 Resp: 2386009

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.4	8.8	13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

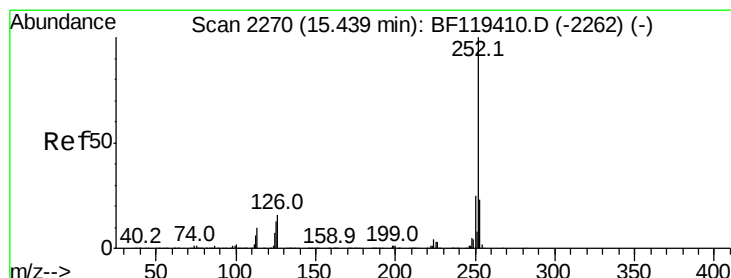
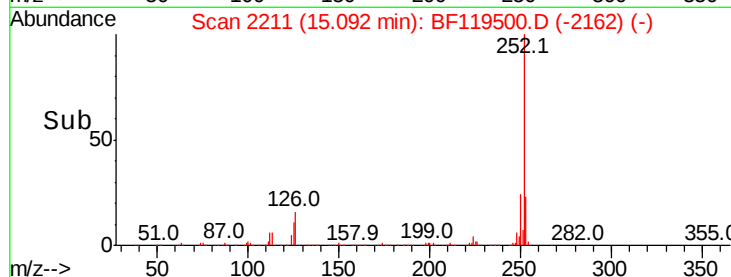
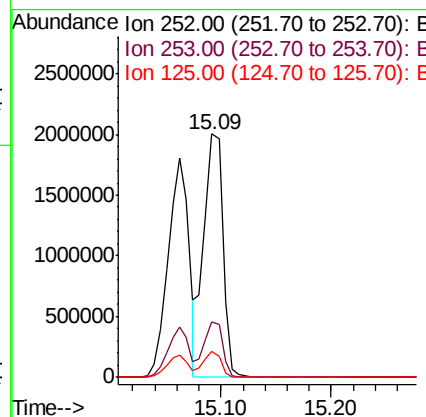
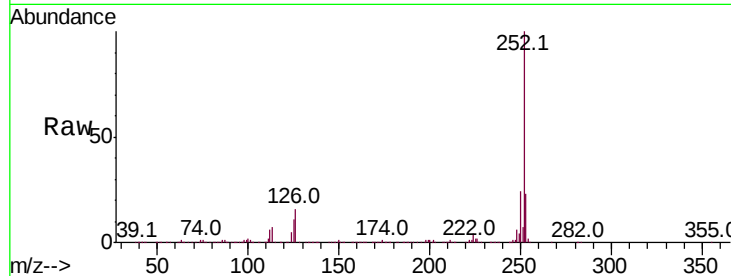




#89
Benzo(k)fluoranthene
Concen: 43.811 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

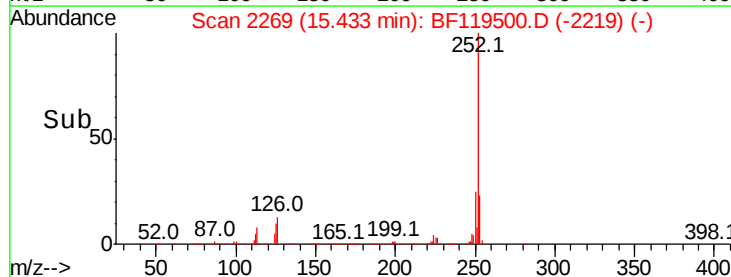
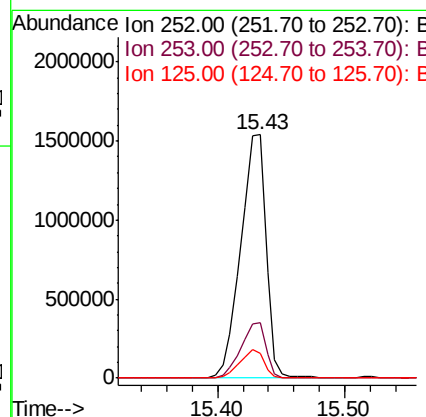
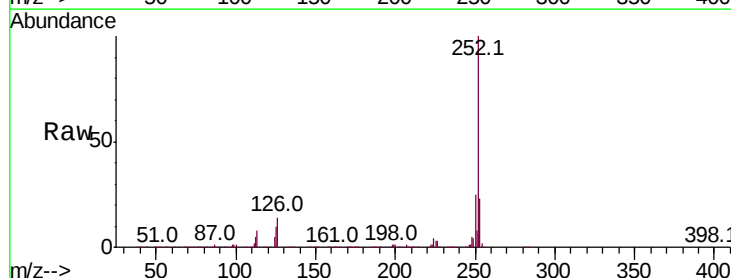
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

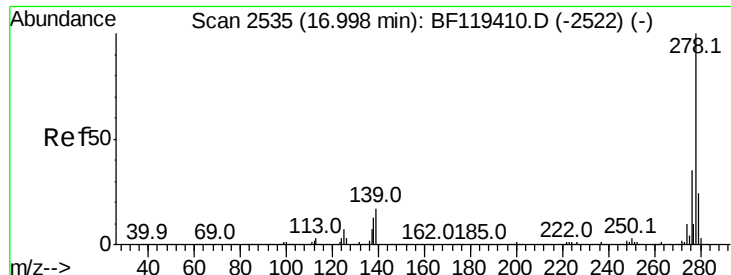
Tot Ion:252 Resp: 2369474
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 10.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.311 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119500.D
Acq: 25 Mar 2020 11:59

Tgt Ion:252 Resp: 2132396
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.3 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 40.770 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Instrument :

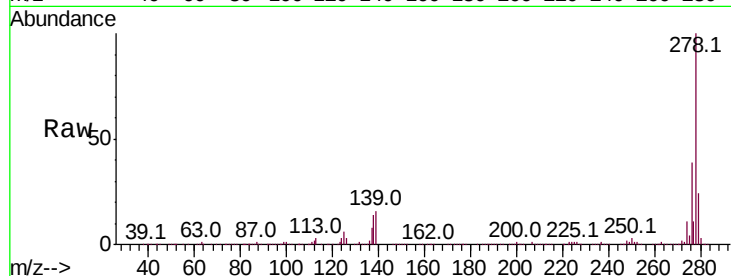
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1840678

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.7	20.5
279	24.4	19.2	28.8

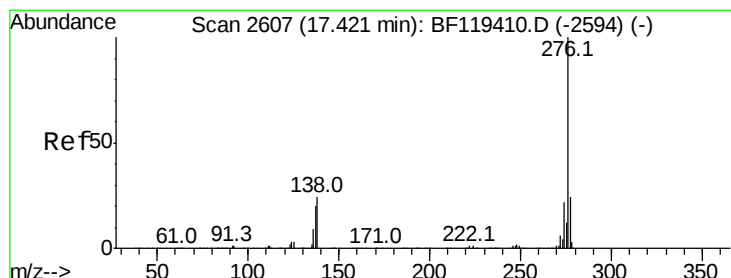
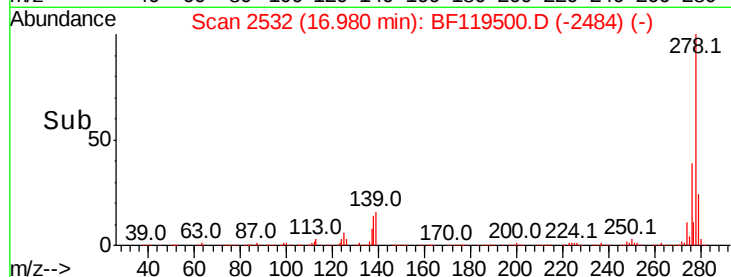
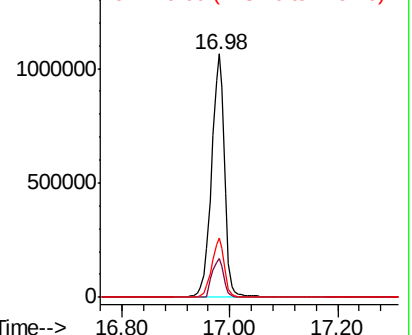


Abundance

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: 38.913 ng

RT: 17.40 min Scan# 2604

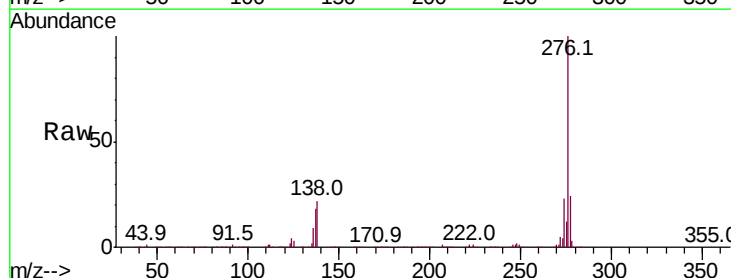
Delta R.T. -0.02 min

Lab File: BF119500.D

Acq: 25 Mar 2020 11:59

Tgt Ion:276 Resp: 1765000

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.9	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

