

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119130.D
 Acq On : 28 Feb 2020 14:10
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 02 04:44:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178457	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	677601	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	384793	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	705588	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	482465	20.00	ng	-0.01
87) Perylene-d12	15.31	264	437288	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	845164	79.15	ng	-0.01
7) Phenol-d6	6.39	99	1052246	81.02	ng	-0.02
23) Nitrobenzene-d5	7.30	82	1038218	80.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	409260	81.30	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	2051103	78.53	ng	-0.01
79) Terphenyl-d14	12.83	244	2381428	84.98	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	174698	36.744	ng	98
3) Pyridine	3.14	79	488124	37.593	ng	98
4) n-Nitrosodimethylamine	3.09	42	160321	40.759	ng	100
6) Aniline	6.40	93	641323	40.020	ng	# 69
8) 2-Chlorophenol	6.53	128	470163	40.798	ng	98
9) Benzaldehyde	6.29	77	314330	36.226	ng	99
10) Phenol	6.40	94	561282	39.974	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	444428	41.367	ng	99
12) 1,3-Dichlorobenzene	6.67	146	563121	40.769	ng	96
13) 1,4-Dichlorobenzene	6.75	146	566647	40.996	ng	99
14) 1,2-Dichlorobenzene	6.91	146	522219	41.427	ng	96
15) Benzyl Alcohol	6.89	79	405645	43.217	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	385285	41.399	ng	98
17) 2-Methylphenol	7.00	107	382935	40.985	ng	98
18) Hexachloroethane	7.25	117	209128	42.291	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	335781	44.371	ng	99
20) 3+4-Methylphenols	7.16	107	474806	41.479	ng	# 82
22) Acetophenone	7.15	105	642332	40.970	ng	# 98
24) Nitrobenzene	7.32	77	509645	40.158	ng	96
25) Isophorone	7.56	82	917590	41.170	ng	99
26) 2-Nitrophenol	7.64	139	271892	40.435	ng	98
27) 2,4-Dimethylphenol	7.68	122	364901	39.985	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	593005	40.877	ng	99
29) 2,4-Dichlorophenol	7.89	162	434010	40.397	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	510979	40.115	ng	98
31) Naphthalene	8.04	128	1386690	39.460	ng	99
32) Benzoic acid	7.84	122	273155	41.992	ng	99
33) 4-Chloroaniline	8.09	127	604215	39.975	ng	100
34) Hexachlorobutadiene	8.16	225	326652	41.169	ng	98
35) Caprolactam	8.48	113	133664m	40.405	ng	
36) 4-Chloro-3-methylphenol	8.59	107	450237	41.409	ng	99
37) 2-Methylnaphthalene	8.73	142	967444	40.908	ng	99
38) 1-Methylnaphthalene	8.83	142	915212	41.150	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	514027	39.621	ng	99

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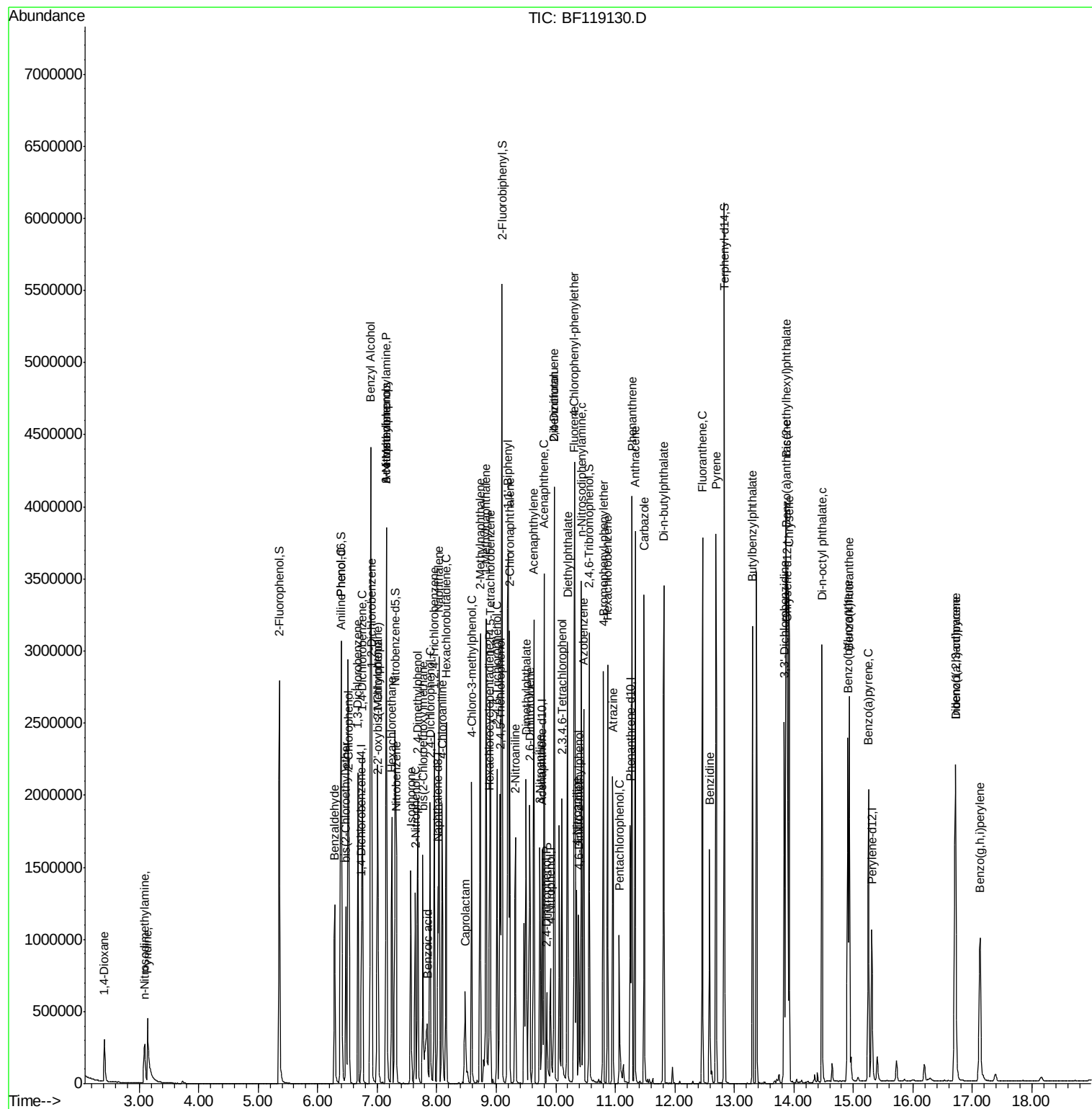
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	166389	40.491	nq	100
43) 2,4,6-Trichlorophenol	9.02	196	328176	40.057	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	334035	38.854	nq	100
46) 1,1'-Biphenyl	9.20	154	1245739	40.057	nq	98
47) 2-Chloronaphthalene	9.22	162	999195	39.870	nq	98
48) 2-Nitroaniline	9.32	65	286280	40.955	nq	100
49) Acenaphthylene	9.63	152	1429705	39.499	nq	100
50) Dimethylphthalate	9.50	163	1221220	41.504	nq	99
51) 2,6-Dinitrotoluene	9.56	165	264798	40.506	nq	# 87
52) Acenaphthene	9.80	154	877048	40.184	nq	99
53) 3-Nitroaniline	9.73	138	280193	38.662	nq	96
54) 2,4-Dinitrophenol	9.85	184	115142	40.329	nq	96
55) Dibenzofuran	9.98	168	1286749	39.499	nq	97
56) 4-Nitrophenol	9.91	139	142972	32.834	nq	98
57) 2,4-Dinitrotoluene	9.97	165	332998	39.299	nq	98
58) Fluorene	10.32	166	1025917	40.528	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	297908	41.067	nq	100
60) Diethylphthalate	10.20	149	1165485	42.031	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	550127	41.057	nq	99
62) 4-Nitroaniline	10.35	138	289410	39.031	nq	97
63) Azobenzene	10.47	77	1021705	42.390	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	181344	42.473	nq	97
66) n-Nitrosodiphenylamine	10.43	169	926167	40.088	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	379294	41.125	nq	97
68) Hexachlorobenzene	10.87	284	434668	40.877	nq	97
69) Atrazine	10.96	200	299555	37.110	nq	98
70) Pentachlorophenol	11.07	266	152813	35.675	nq	98
71) Phenanthrene	11.28	178	1527773	39.704	nq	99
72) Anthracene	11.33	178	1514034	39.379	nq	99
73) Carbazole	11.49	167	1343030	39.211	nq	99
74) Di-n-butylphthalate	11.82	149	1793299	43.234	nq	99
75) Fluoranthene	12.46	202	1598575	39.138	nq	99
77) Benzidine	12.58	184	644301	32.837	nq	99
78) Pyrene	12.69	202	1581187	40.814	nq	99
80) Butylbenzylphthalate	13.30	149	734853	45.069	nq	96
81) Benzo(a)anthracene	13.88	228	1331704	40.510	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	520338	40.763	nq	99
83) Chrysene	13.92	228	1306101	39.874	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	983958	47.767	nq	100
85) Di-n-octyl phthalate	14.47	149	1513021	46.099	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1074102	33.866	nq	100
88) Benzo(b)fluoranthene	14.90	252	1285882	44.612	nq	99
89) Benzo(k)fluoranthene	14.93	252	1057704	39.597	nq	100
90) Benzo(a)pyrene	15.25	252	1045365	40.185	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	887051	38.754	nq	99
92) Benzo(g,h,i)perylene	17.13	276	848181	37.504	nq	99

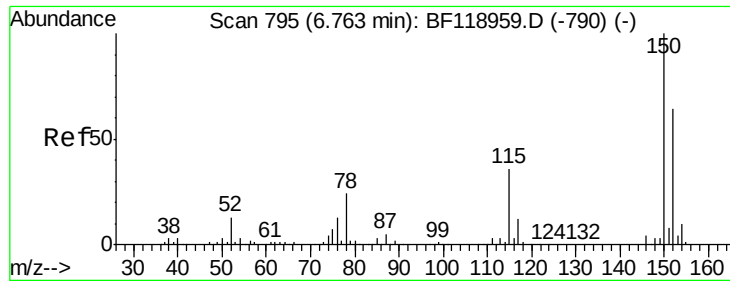
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

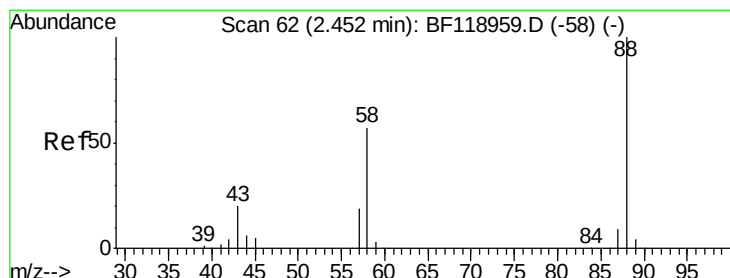
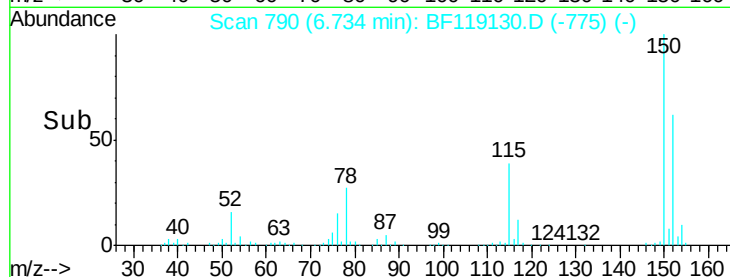
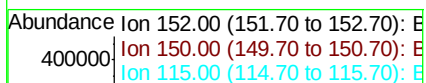
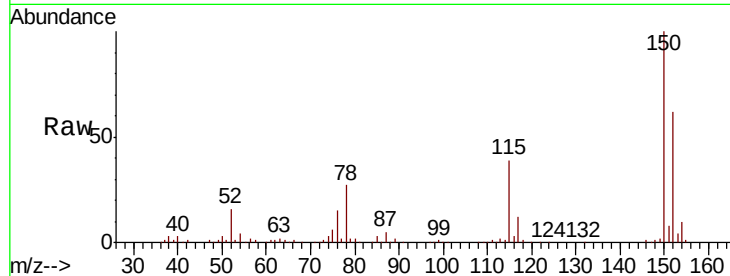
Tot Ion:152 Resp: 178457

Ion Ratio Lower Upper

152 100

150 160.3 123.0 184.6

115 63.2 49.5 74.3



#2

1,4-Dioxane

Concen: 36.744 ng

RT: 2.42 min Scan# 56

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

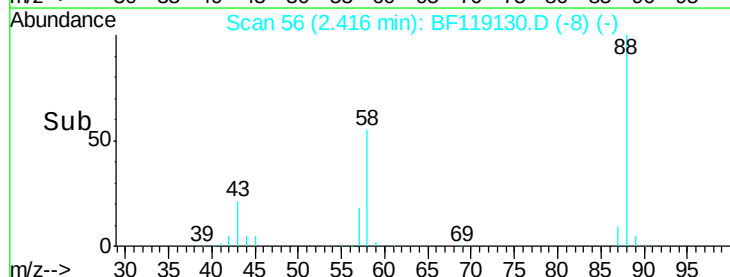
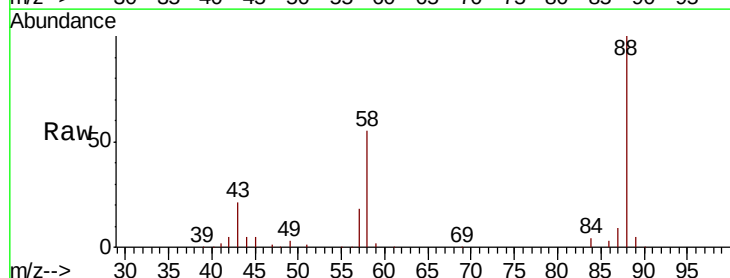
Tgt Ion: 88 Resp: 174698

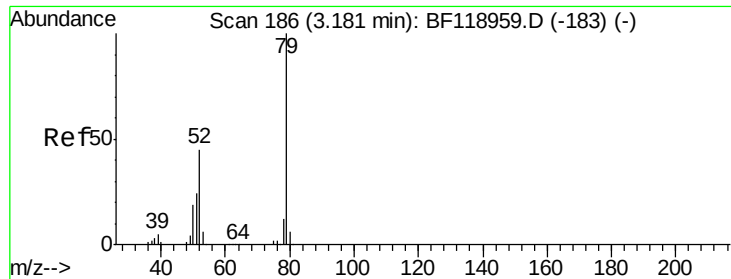
Ion Ratio Lower Upper

88 100

58 55.9 43.8 65.6

43 20.9 16.2 24.4





#3

Pvridine

Concen: 37.593 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

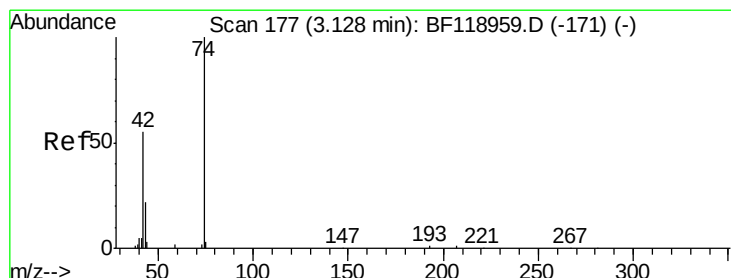
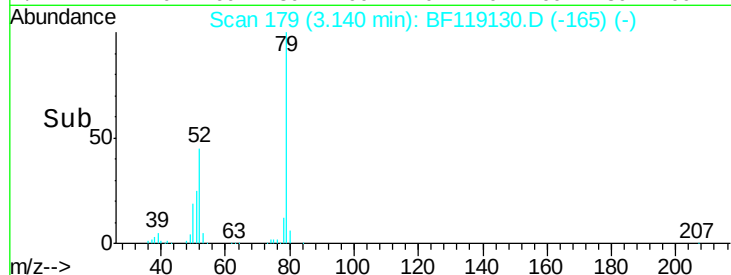
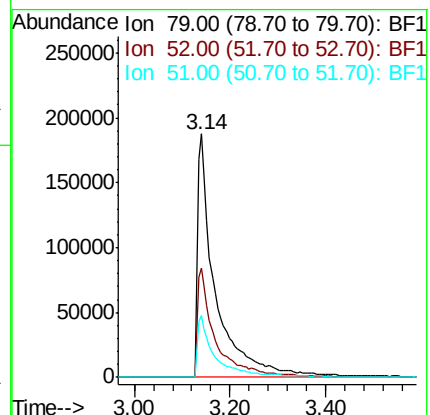
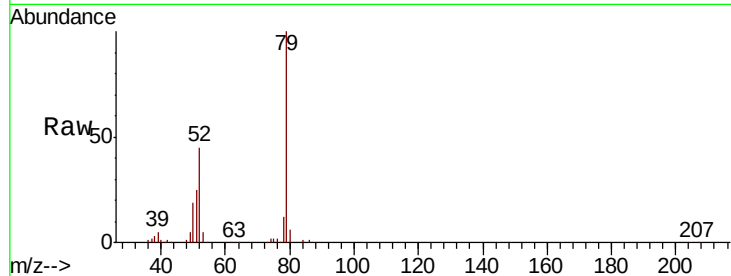
Tot Ion: 79 Resp: 488124

Ion Ratio Lower Upper

79 100

52 44.9 37.4 56.0

51 25.4 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 40.759 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

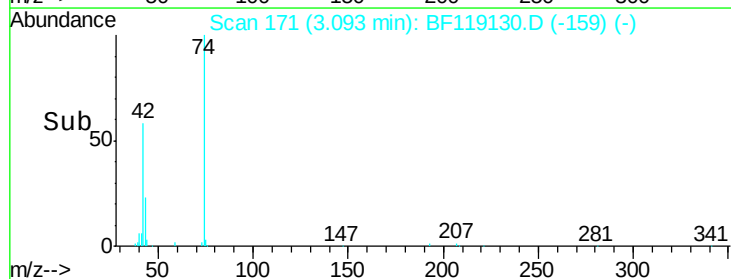
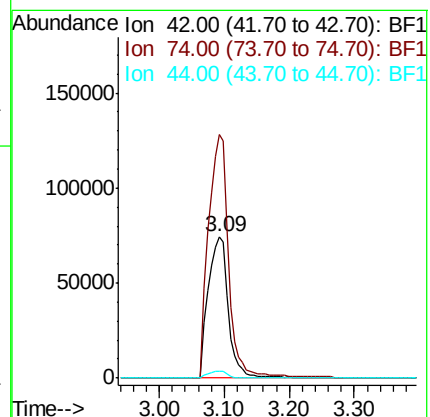
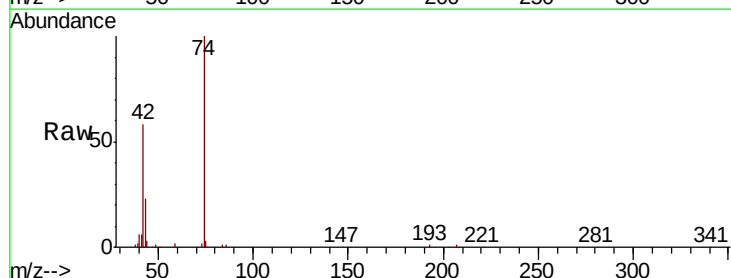
Tgt Ion: 42 Resp: 160321

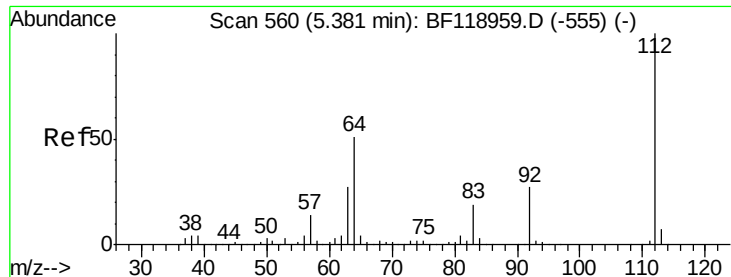
Ion Ratio Lower Upper

42 100

74 172.0 137.7 206.5

44 5.2 4.5 6.7





#5

2-Fluorophenol

Concen: 79.146 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

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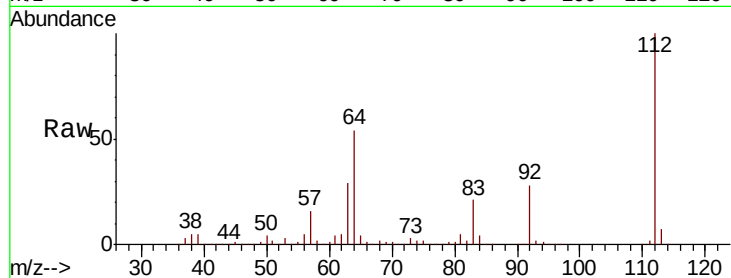
Tot Ion: 112 Resp: 845164

Ion Ratio Lower Upper

112 100

64 54.3 45.0 67.4

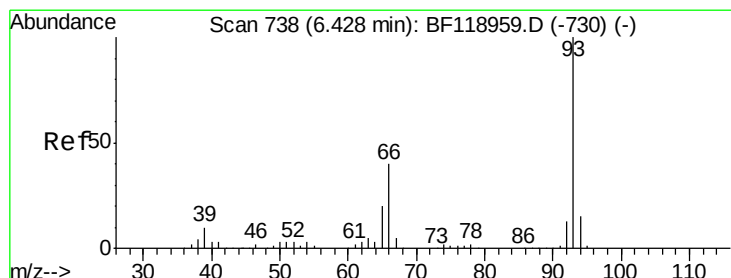
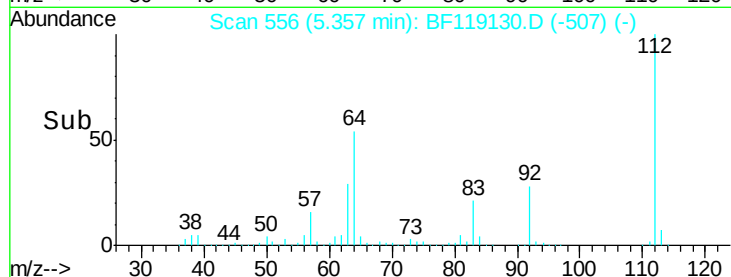
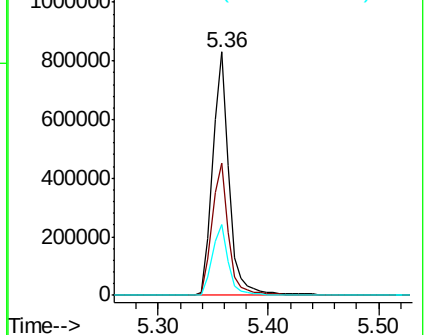
63 29.4 24.2 36.4



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: 40.020 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119130.D

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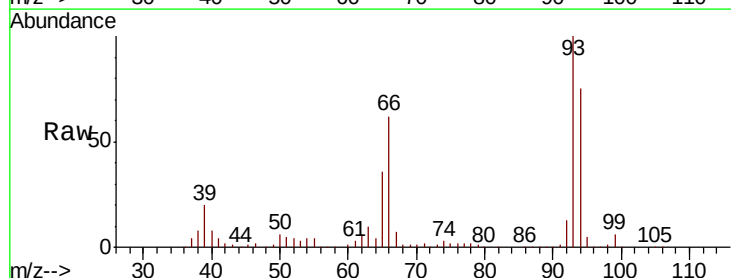
Tgt Ion: 93 Resp: 641323

Ion Ratio Lower Upper

93 100

66 62.2 74.5 111.7#

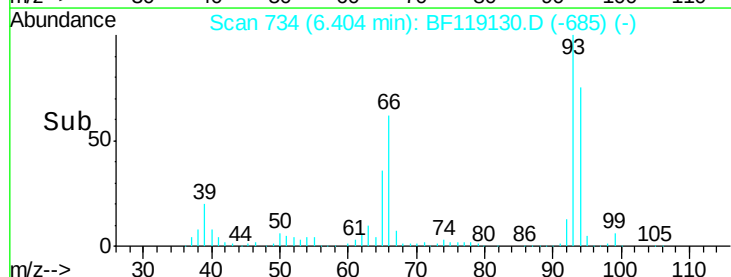
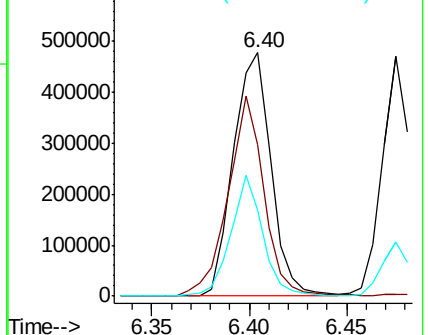
65 35.6 45.3 67.9#

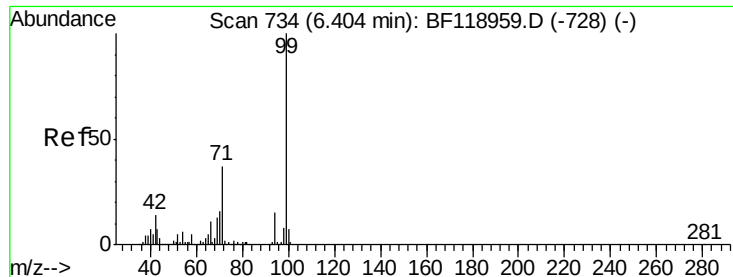


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.023 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

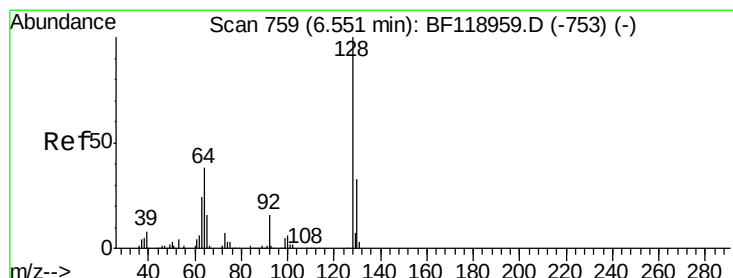
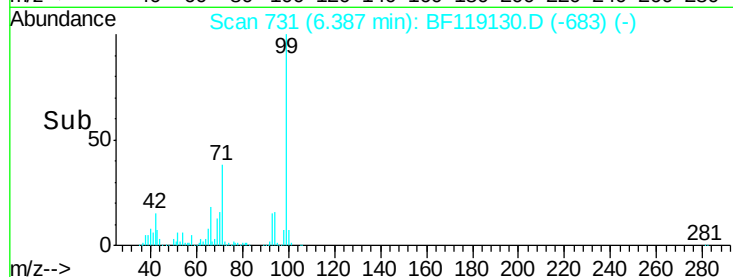
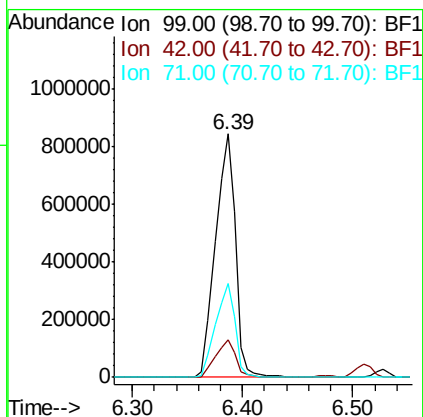
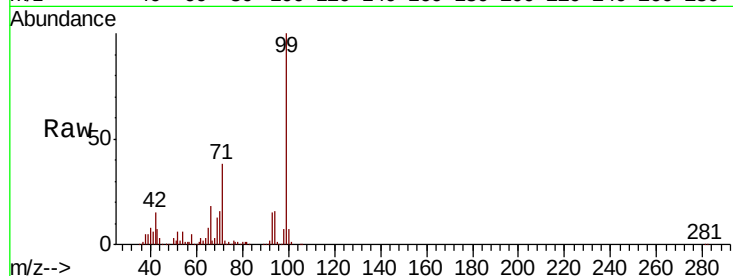
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Tot Ion: 99 Resp: 1052246

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.6	18.8
71	38.4	31.0	46.4



#8

2-Chlorophenol

Concen: 40.798 ng

RT: 6.53 min Scan# 755

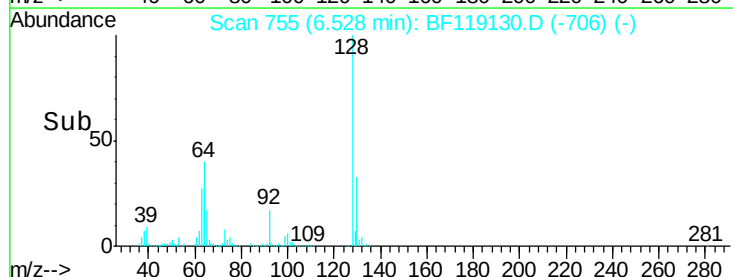
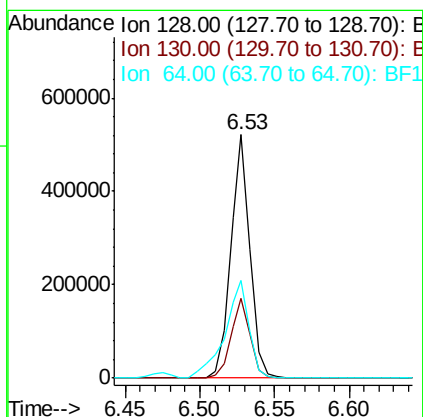
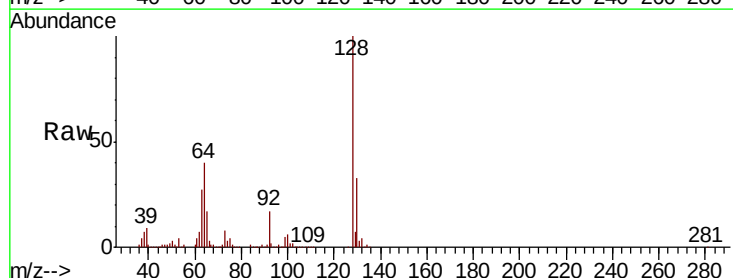
Delta R.T. -0.01 min

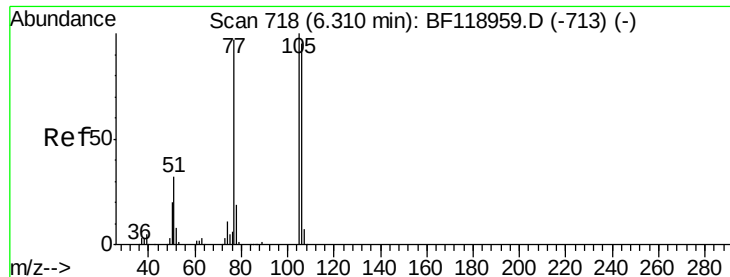
Lab File: BF119130.D

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Tgt Ion: 128 Resp: 470163

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	40.4	22.3	62.3





#9

Benzaldehyde

Concen: 36.226 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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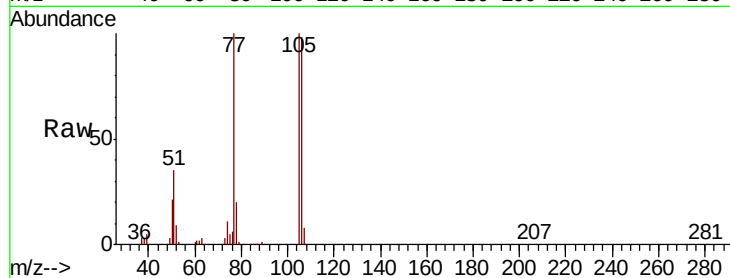
Tot Ion: 77 Resp: 314330

Ion Ratio Lower Upper

77 100

105 99.9 80.1 120.1

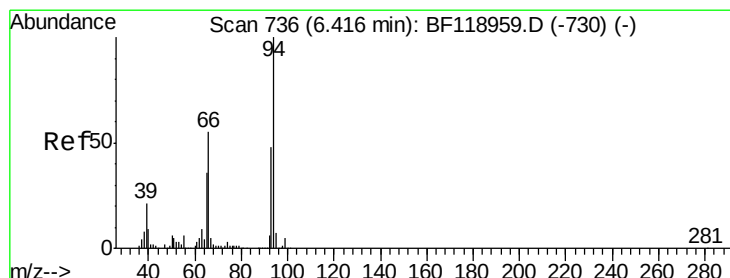
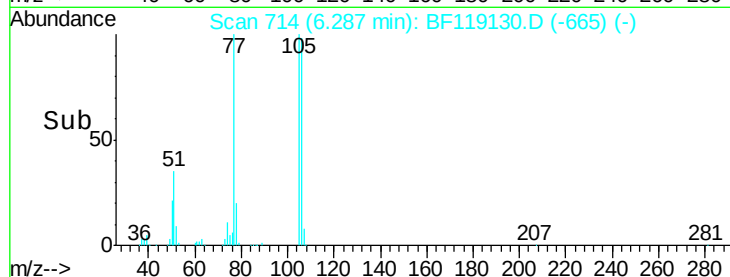
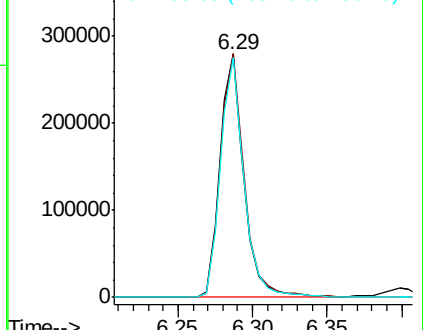
106 98.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.974 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

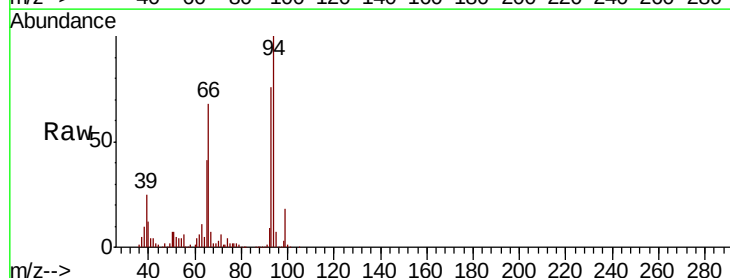
Tgt Ion: 94 Resp: 561282

Ion Ratio Lower Upper

94 100

65 41.1 19.2 59.2

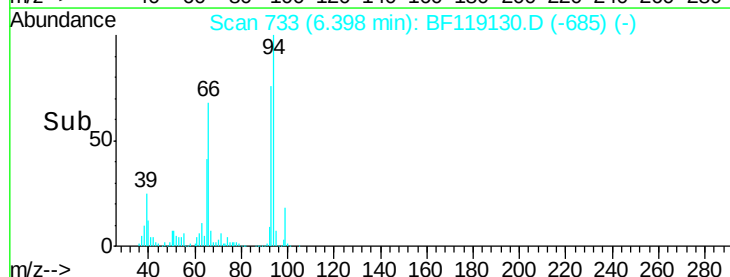
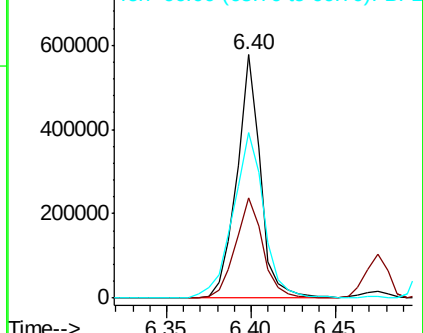
66 68.0 44.4 84.4

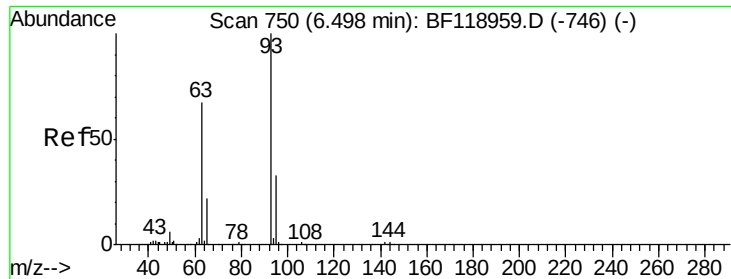


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

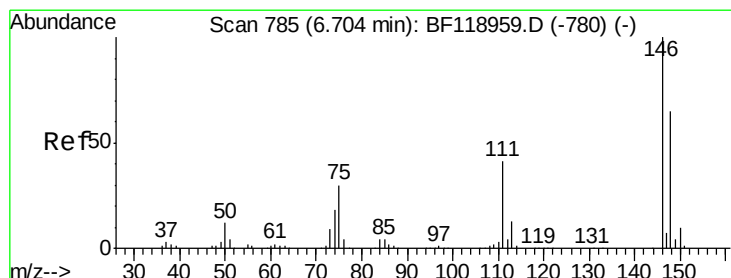
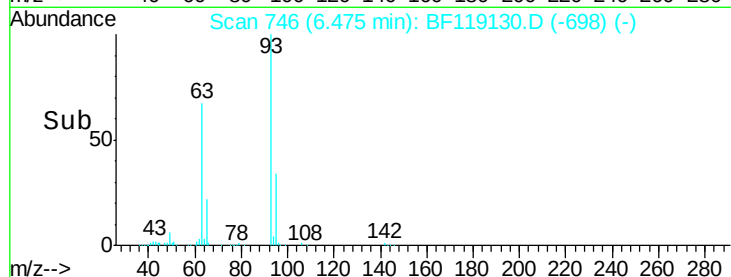
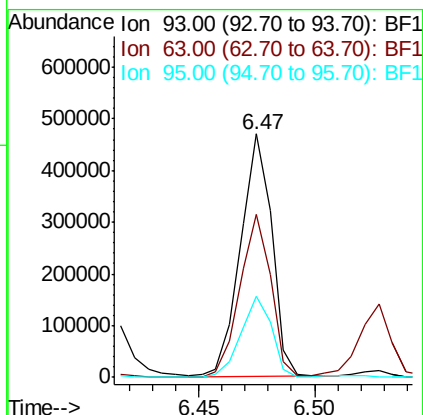
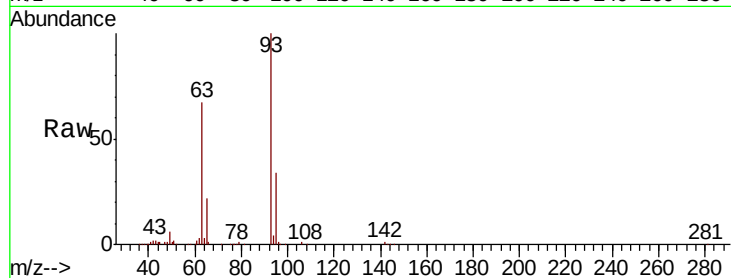




#11
 bis(2-Chloroethyl)ether
 Concen: 41.367 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

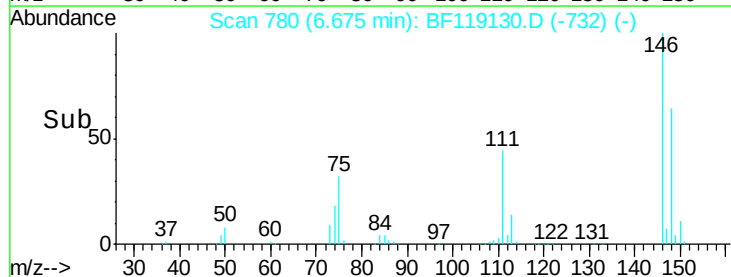
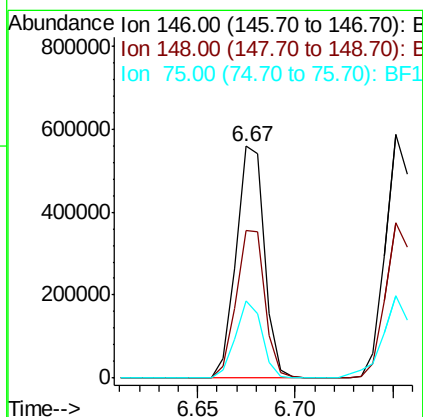
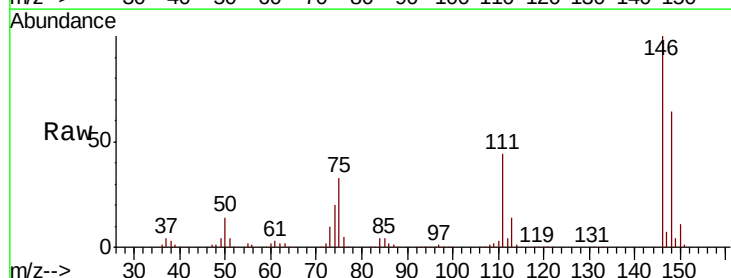
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

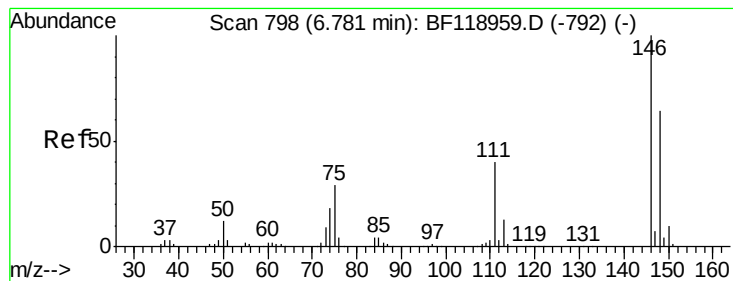
Tot Ion: 93 Resp: 444428
 Ion Ratio Lower Upper
 93 100
 63 66.9 45.4 85.4
 95 33.5 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 40.769 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion: 146 Resp: 563121
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.5 78.7
 75 33.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 40.996 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

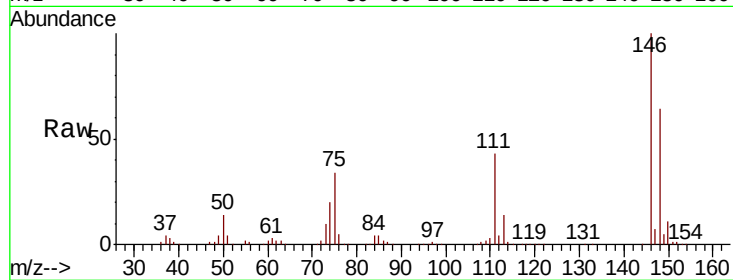
Tot Ion:146 Resp: 566647

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

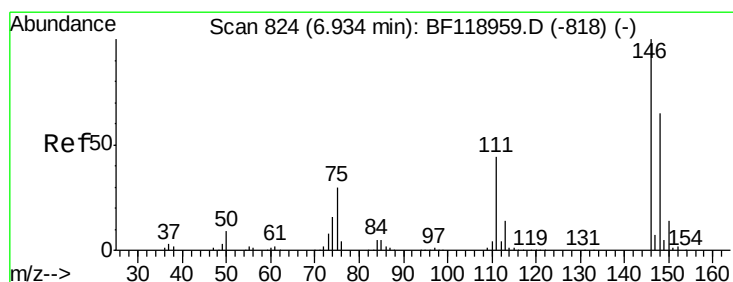
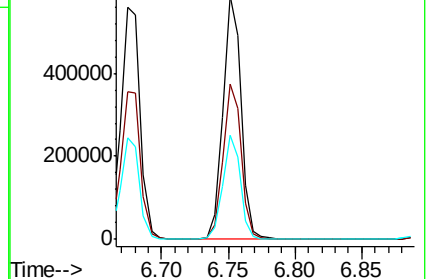
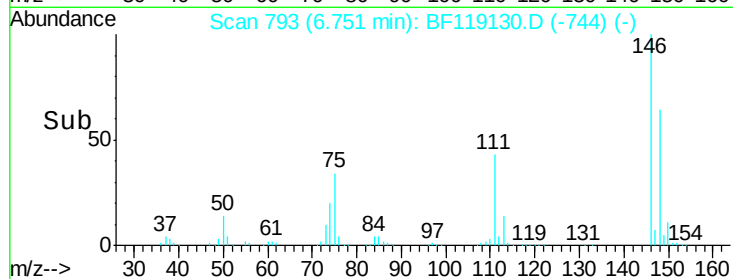
111 42.9 34.8 52.2



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: 41.427 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

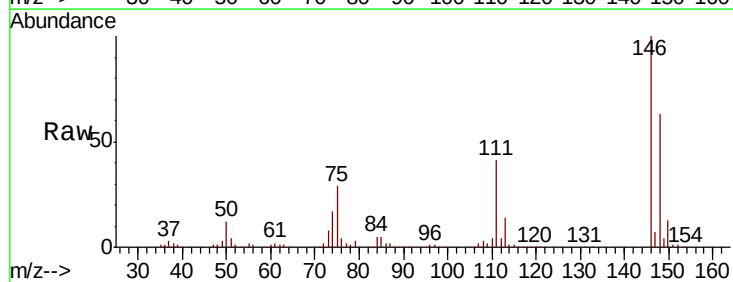
Tgt Ion:146 Resp: 522219

Ion Ratio Lower Upper

146 100

148 62.5 51.9 77.9

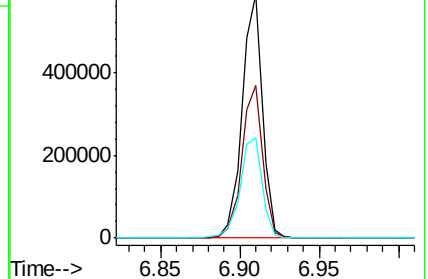
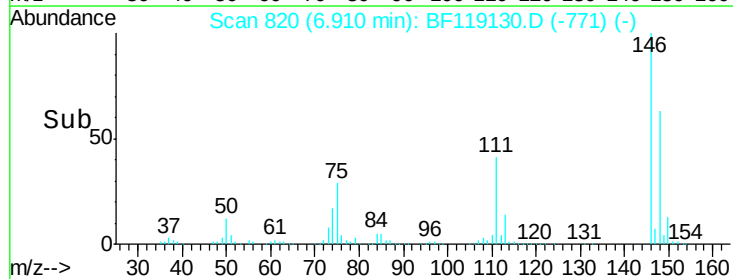
111 41.4 36.2 54.2

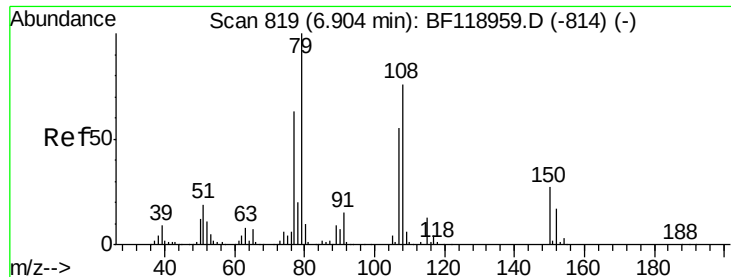


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

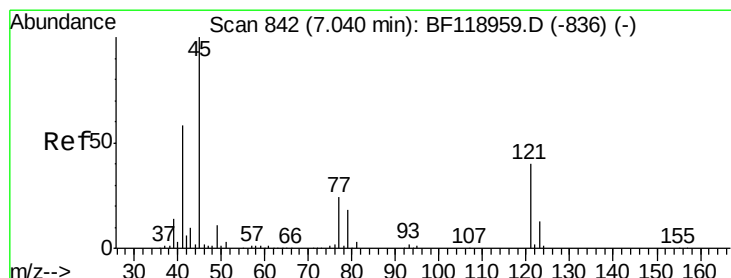
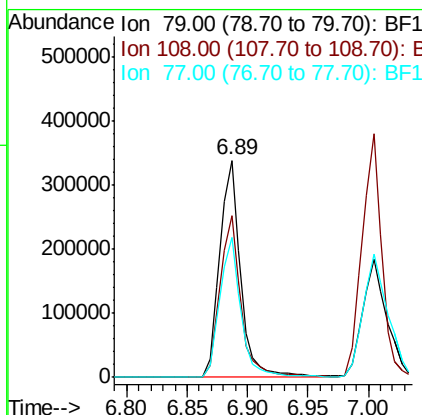
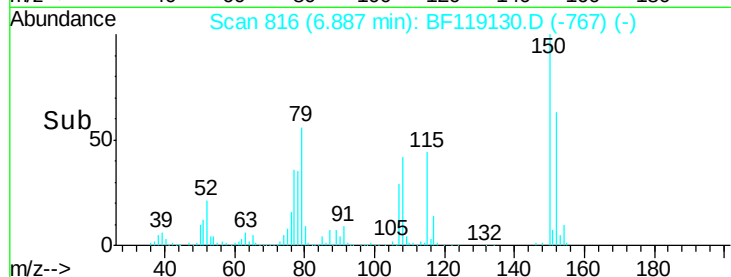
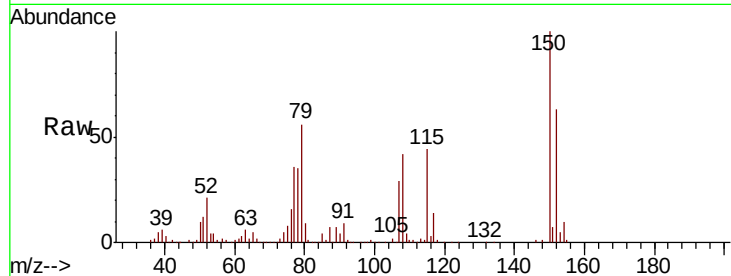




#15
Benzyl Alcohol
Concen: 43.217 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

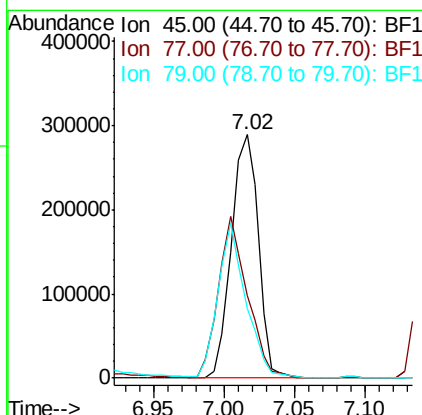
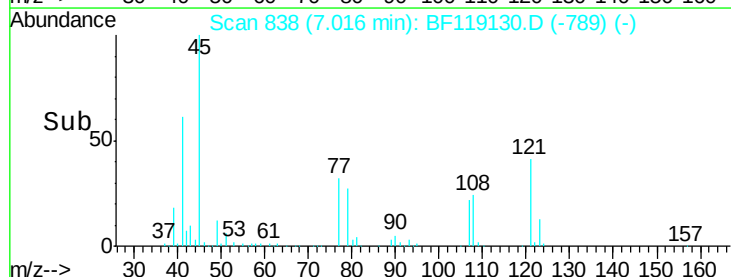
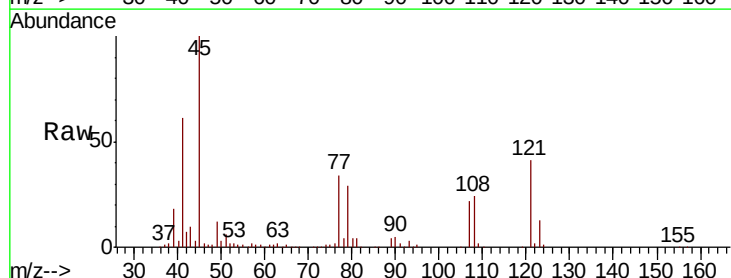
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

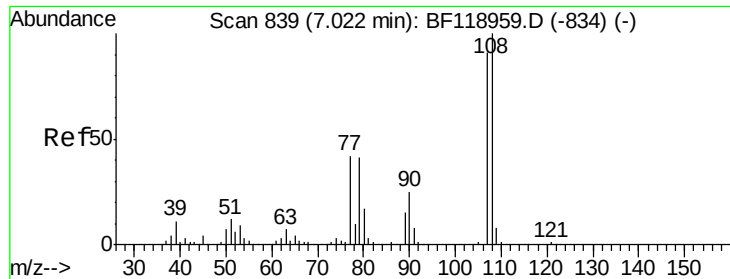
Tot Ion: 79 Resp: 405645
Ion Ratio Lower Upper
79 100
108 74.7 58.2 87.2
77 64.2 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.399 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion: 45 Resp: 385285
Ion Ratio Lower Upper
45 100
77 33.6 15.0 55.0
79 28.5 9.4 49.4

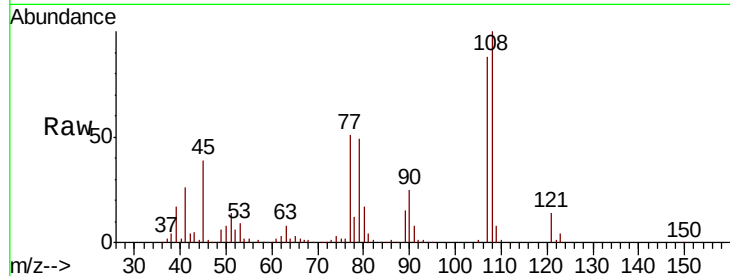




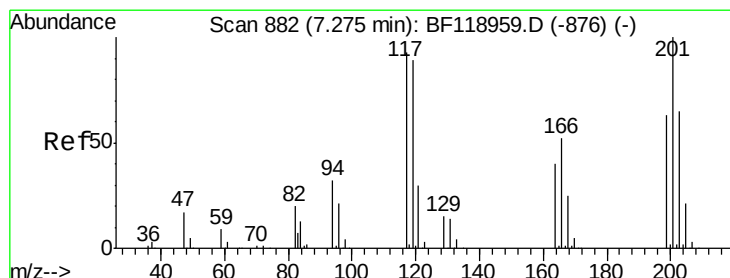
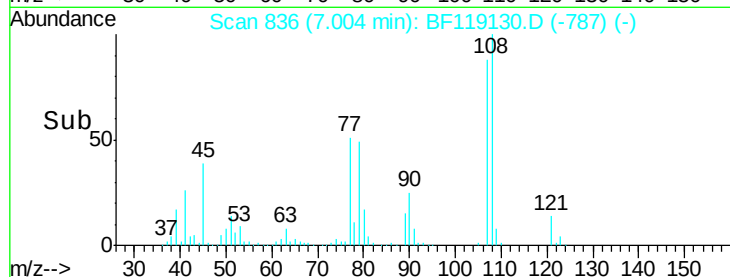
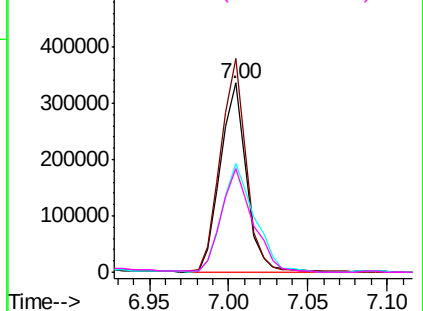
#17
2-Methylphenol
Concen: 40.985 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	382935
Ion	Ratio	Lower	Upper
107	100		
108	113.1	87.9	131.9
77	57.4	45.3	67.9
79	55.0	43.0	64.4

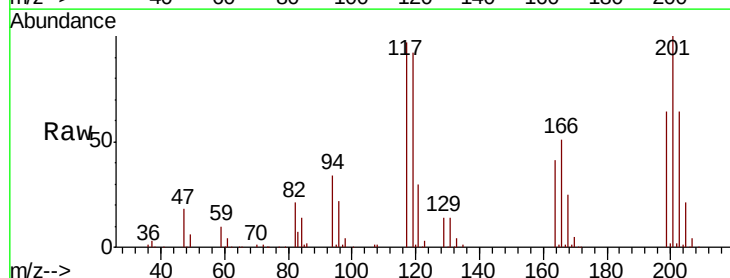


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

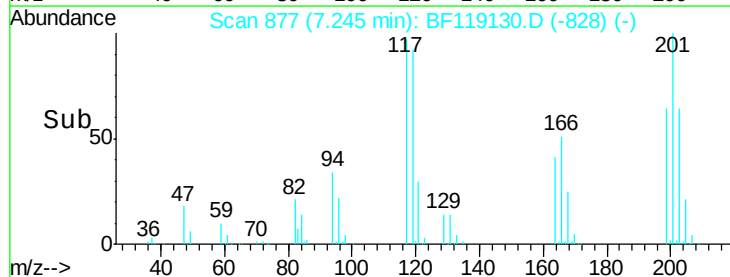
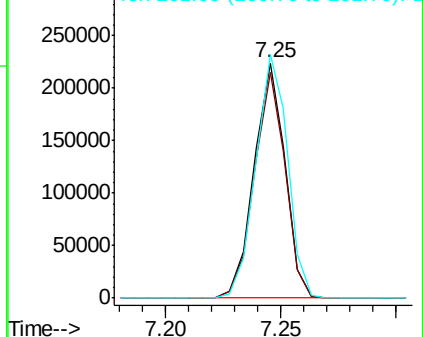


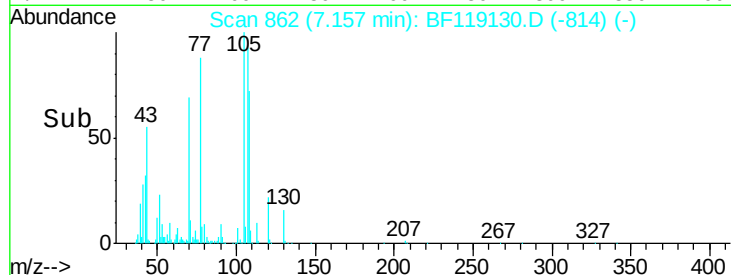
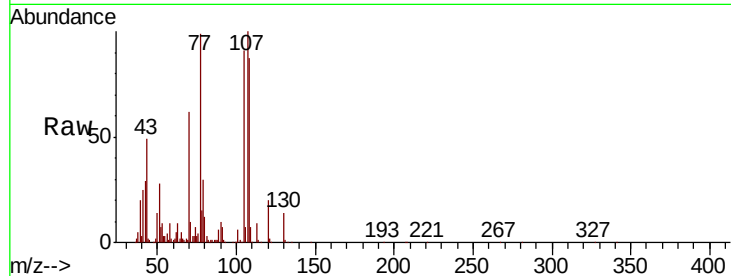
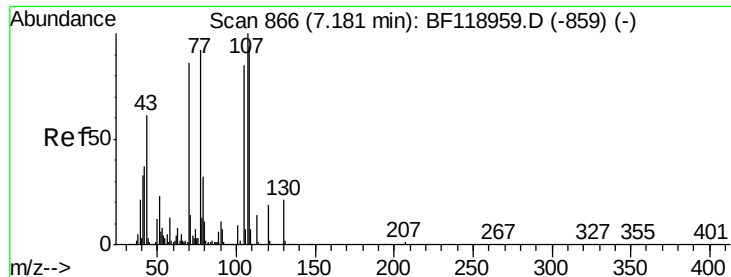
#18
Hexachloroethane
Concen: 42.291 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:	117	Resp:	209128
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.5	116.3
201	103.5	82.6	123.8



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

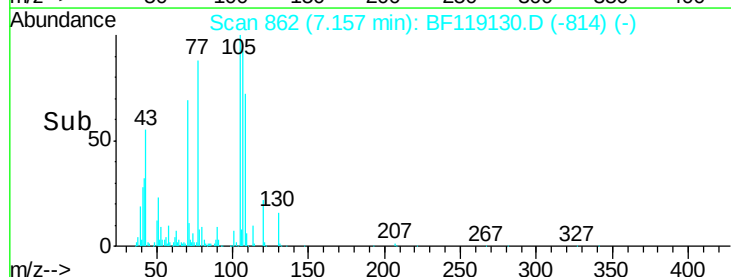
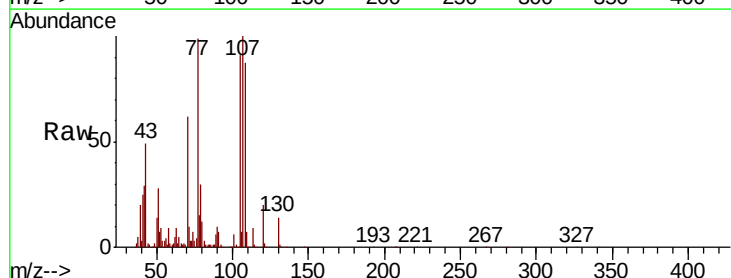
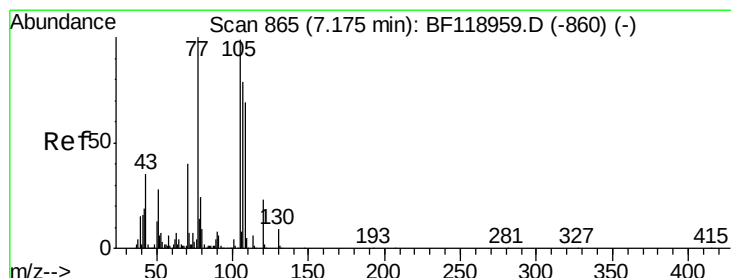
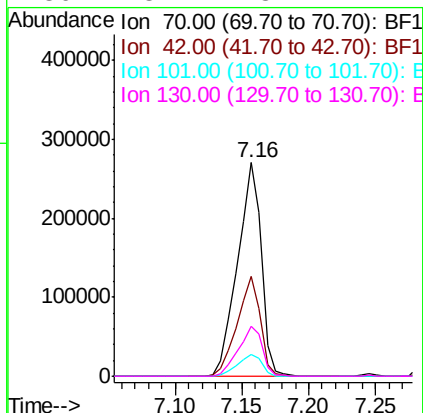




#19
n-Nitroso-di-n-propylamine
Concen: 44.371 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

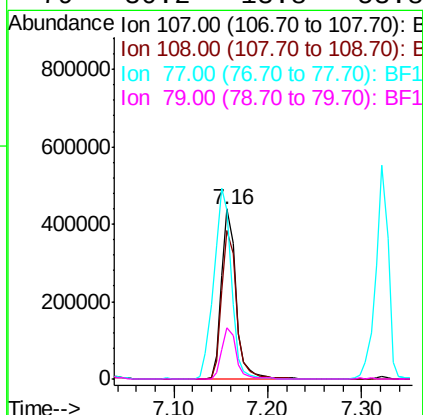
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

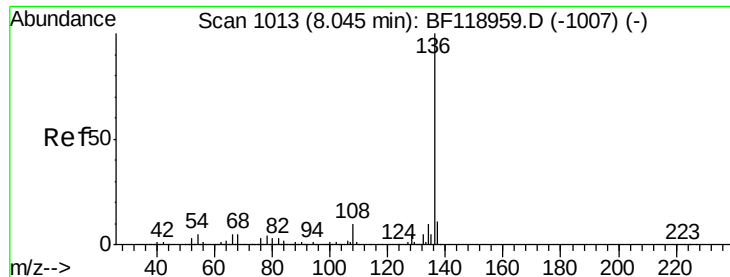
Tot Ion	70	Resp	335781
Ion	Ratio	Lower	Upper
70	100		
42	46.6	38.0	57.0
101	10.5	8.2	12.4
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 41.479 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion	107	Resp	474806
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.5	111.5
77	99.4	45.9	85.9#
79	30.2	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 677601

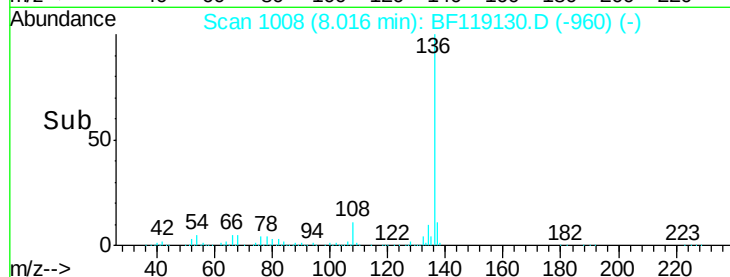
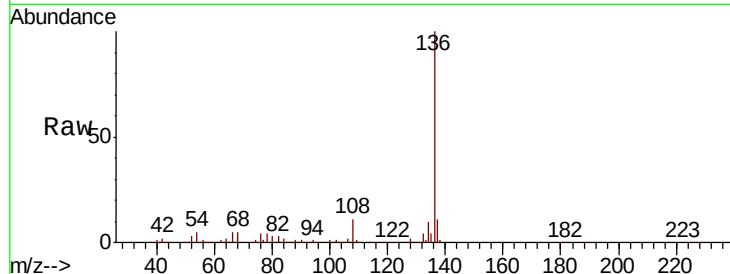
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 5.3 3.8 5.6

68 5.1 3.9 5.9

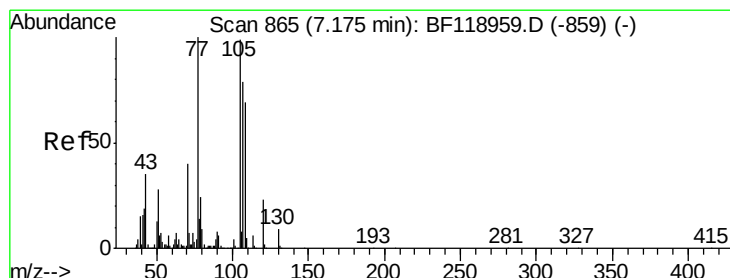
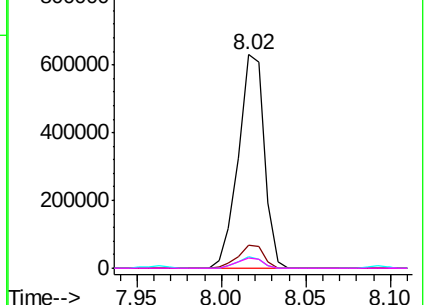


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.970 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Tgt Ion:105 Resp: 642332

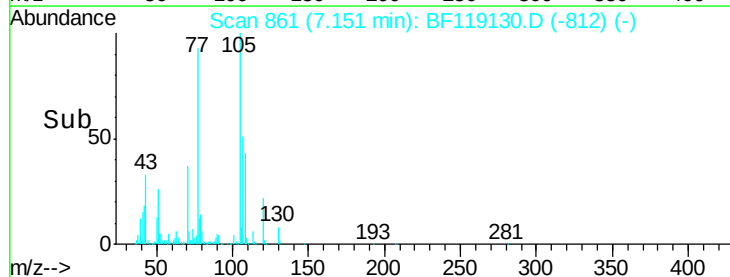
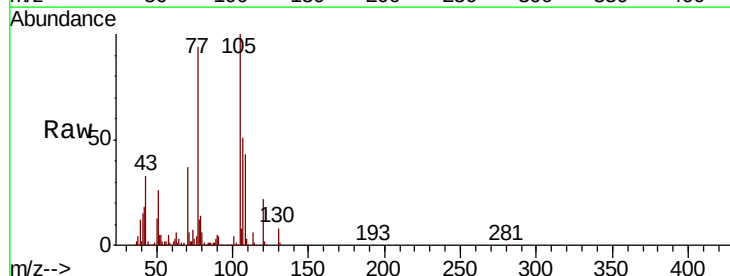
Ion Ratio Lower Upper

105 100

71 6.0 3.0 4.4#

51 26.1 20.1 30.1

120 22.1 18.0 27.0

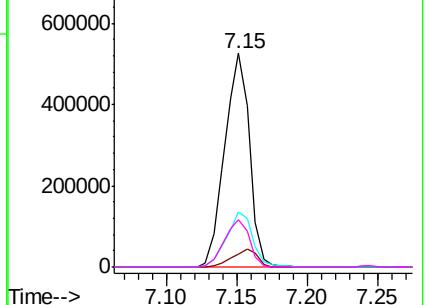


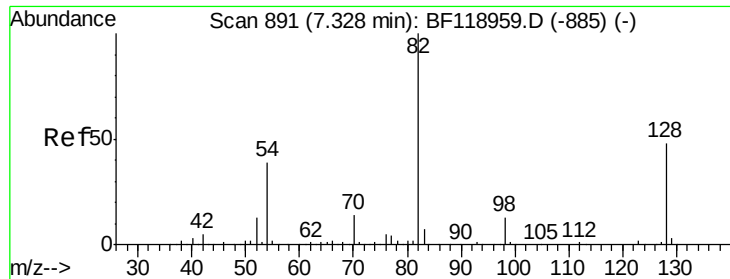
Abundance Ion 105.00 (104.70 to 105.70): E

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

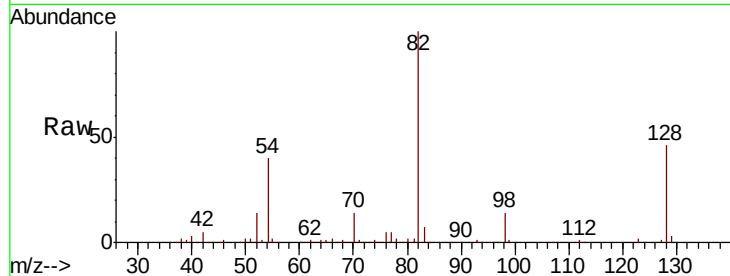




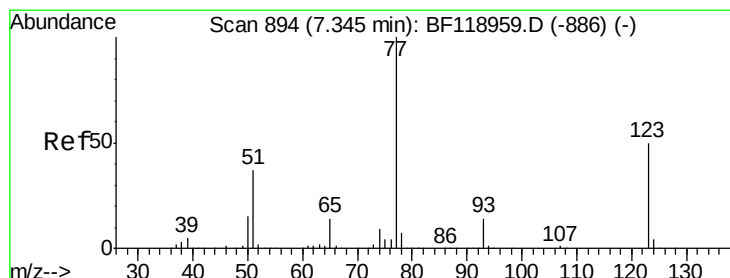
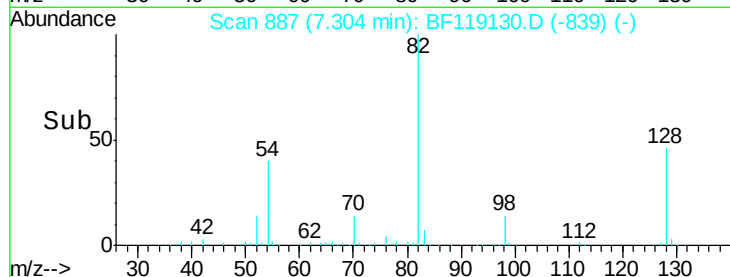
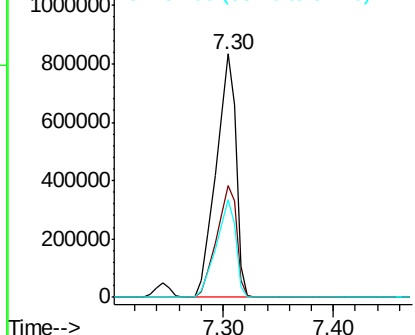
#23
Nitrobenzene-d5
Concen: 80.900 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1038218
Ion Ratio Lower Upper
82 100
128 45.9 37.9 56.9
54 40.4 33.4 50.2

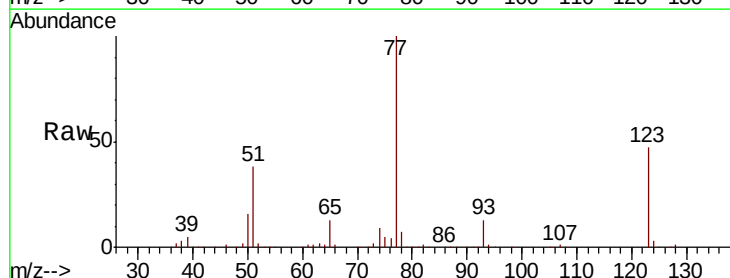


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

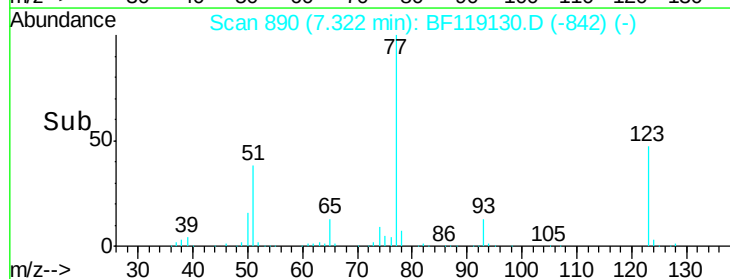
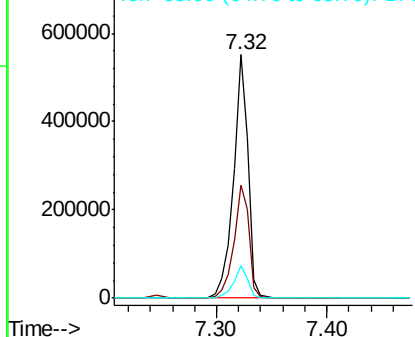


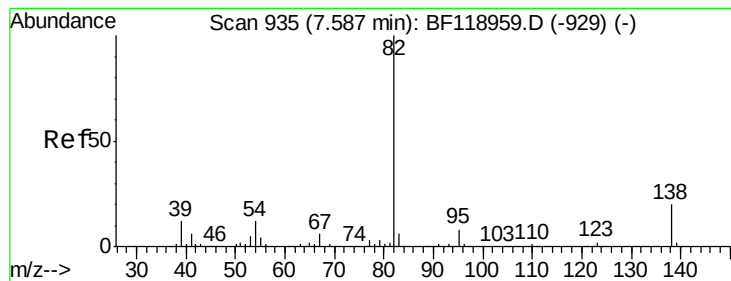
#24
Nitrobenzene
Concen: 40.158 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion: 77 Resp: 509645
Ion Ratio Lower Upper
77 100
123 46.7 40.2 60.2
65 13.3 10.8 16.2



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





#25

Isophorone

Concen: 41.170 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

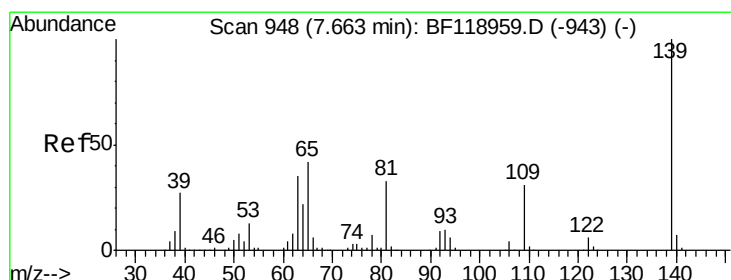
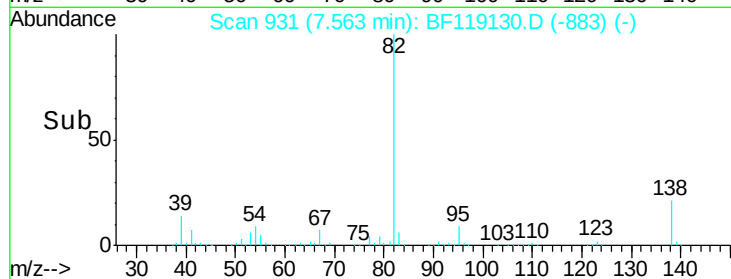
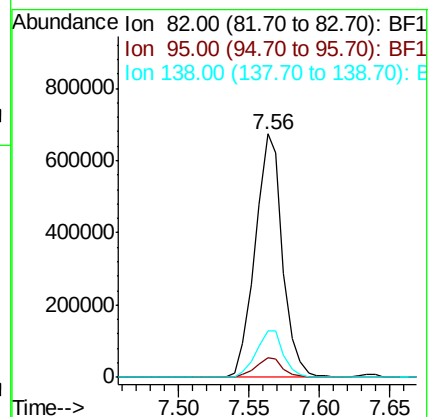
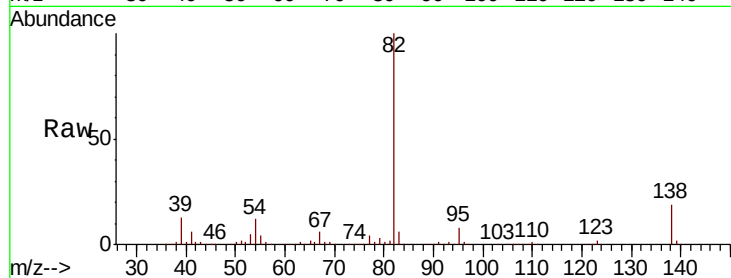
Tot Ion: 82 Resp: 917590

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

138 18.9 15.7 23.5



#26

2-Nitrophenol

Concen: 40.435 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

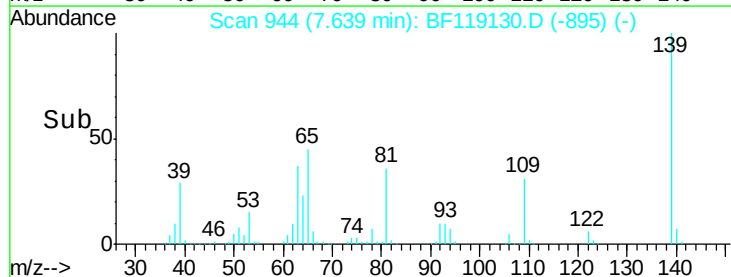
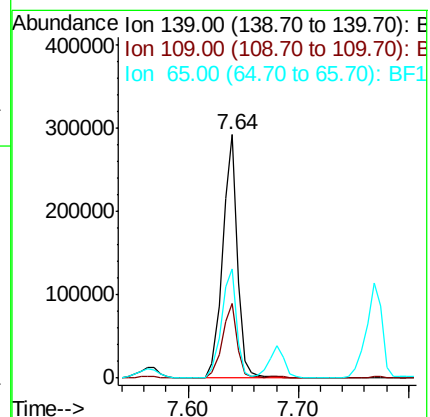
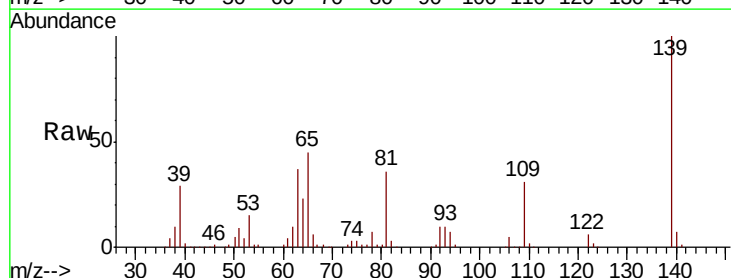
Tgt Ion: 139 Resp: 271892

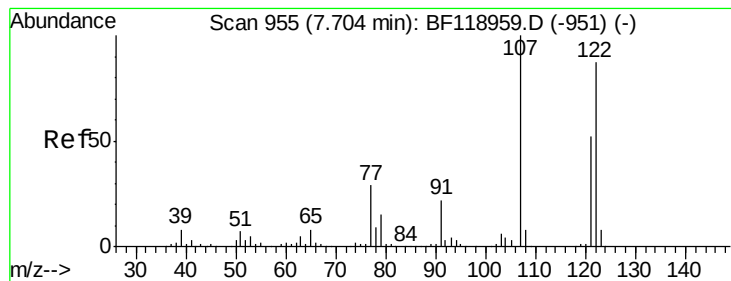
Ion Ratio Lower Upper

139 100

109 30.9 25.7 38.5

65 45.0 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 39.985 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

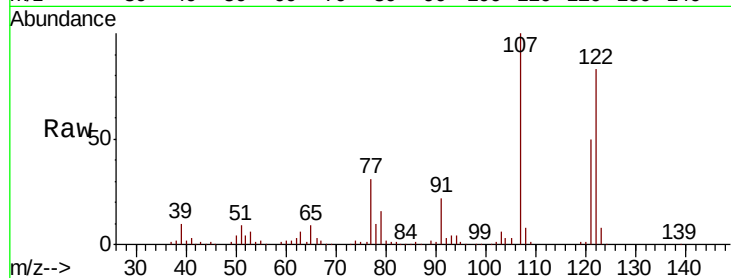
Tot Ion:122 Resp: 364901

Ion Ratio Lower Upper

122 100

107 119.9 93.8 140.6

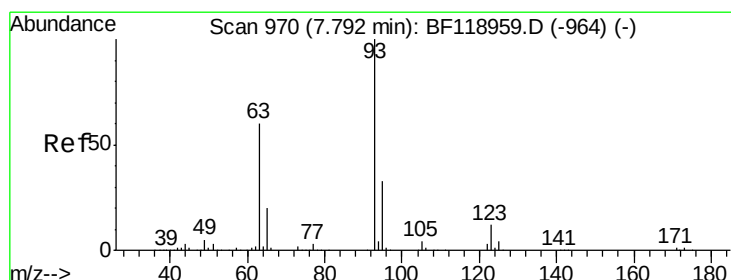
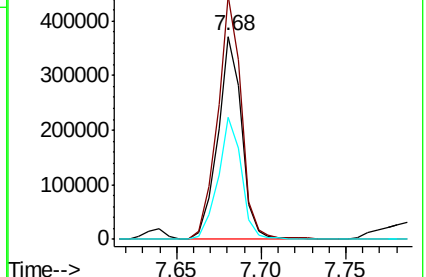
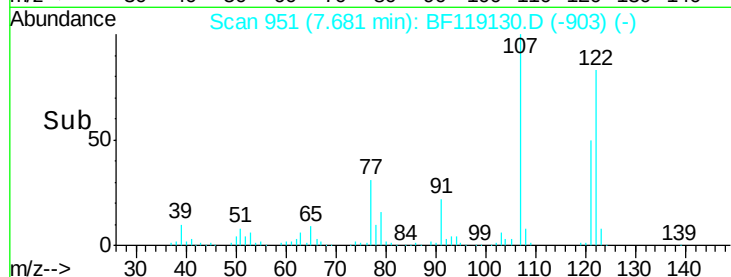
121 59.8 48.2 72.2



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: 40.877 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

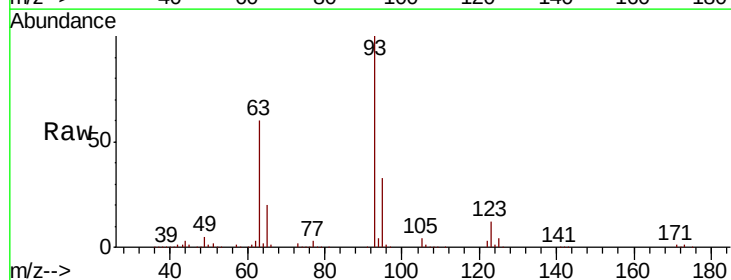
Tgt Ion: 93 Resp: 593005

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

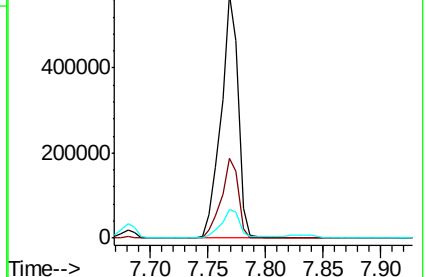
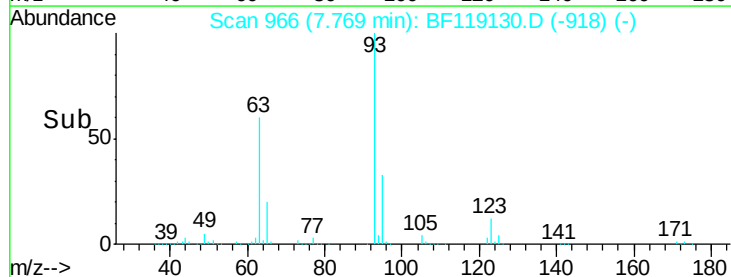
123 12.0 10.2 15.2

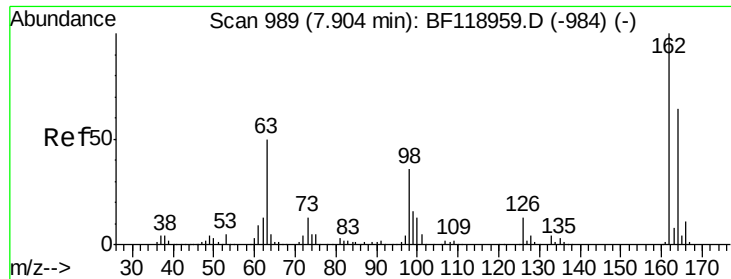


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

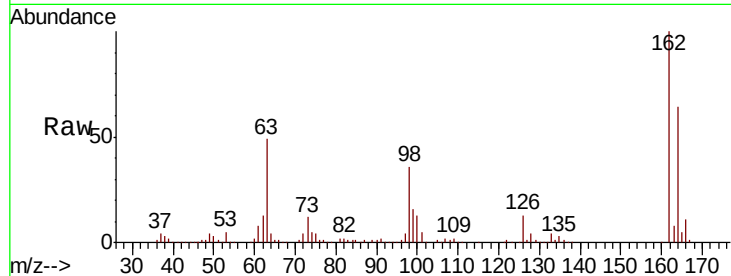




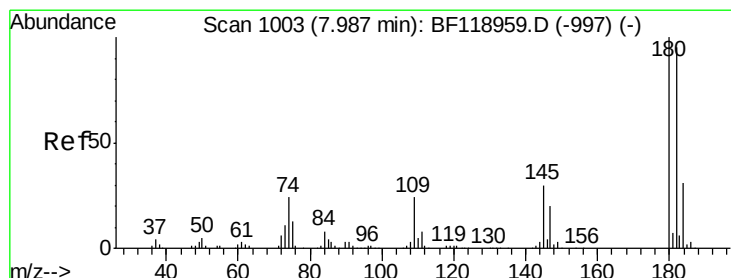
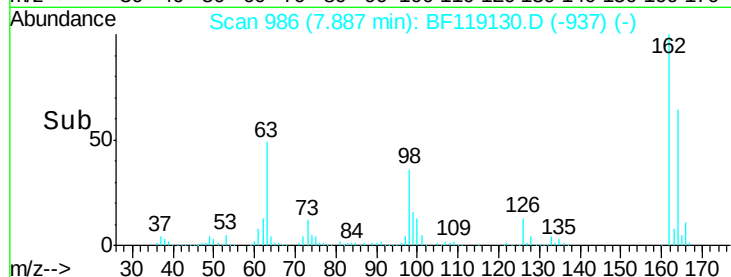
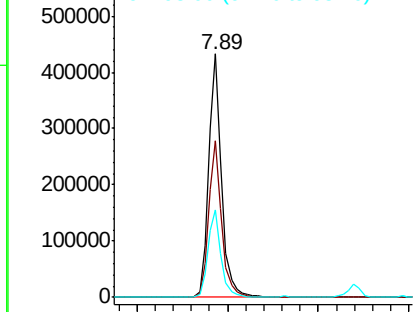
#29
2,4-Dichlorophenol
Concen: 40.397 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 434010
Ion Ratio Lower Upper
162 100
164 64.3 45.2 85.2
98 35.7 17.4 57.4

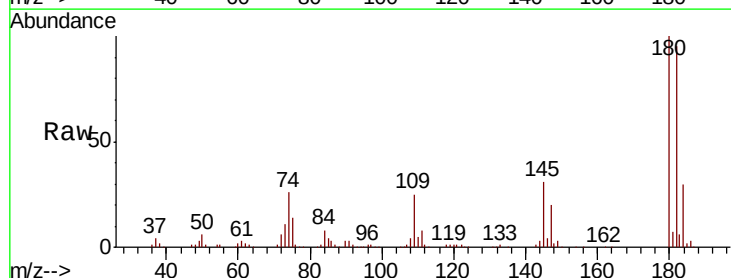


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

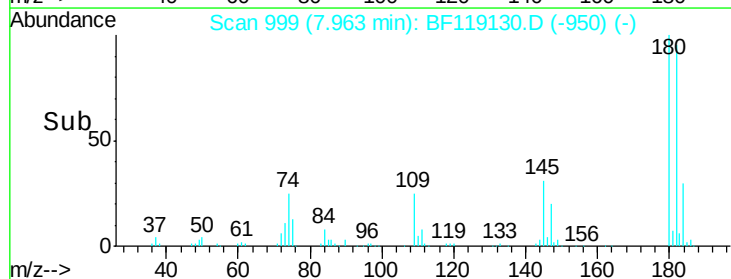
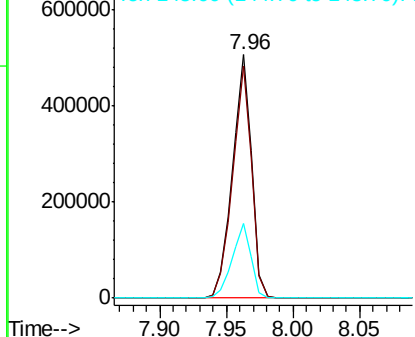


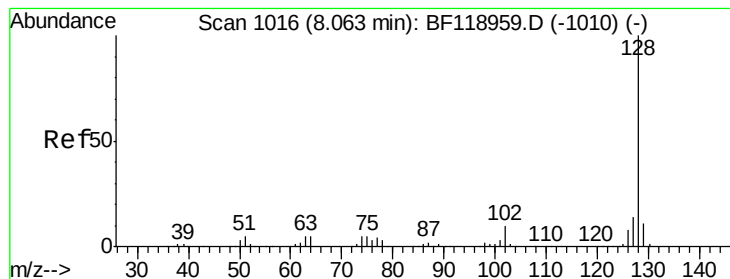
#30
1,2,4-Trichlorobenzene
Concen: 40.115 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:180 Resp: 510979
Ion Ratio Lower Upper
180 100
182 95.4 77.8 116.6
145 30.6 25.2 37.8



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: 39.460 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

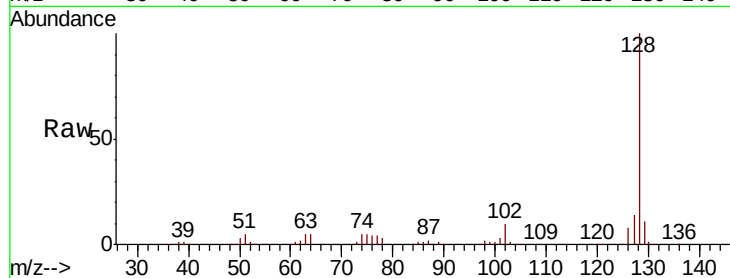
Tot Ion:128 Resp: 1386690

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

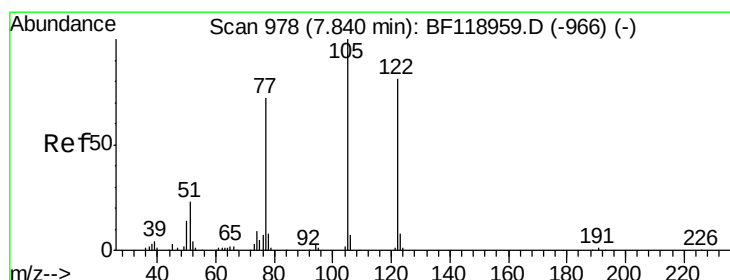
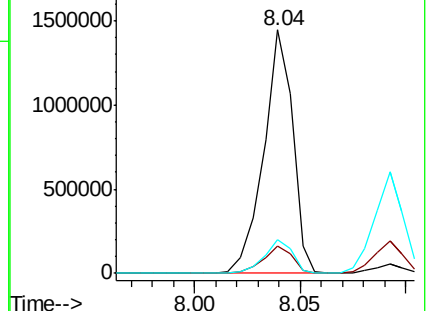
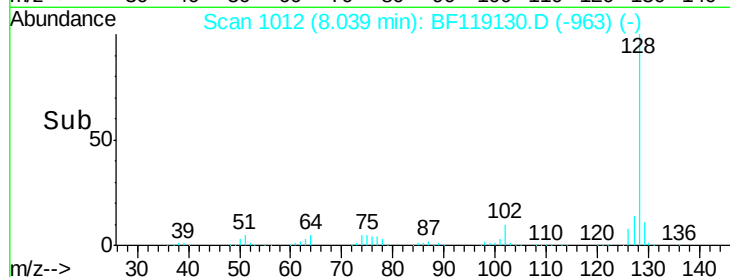
127 13.7 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.992 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

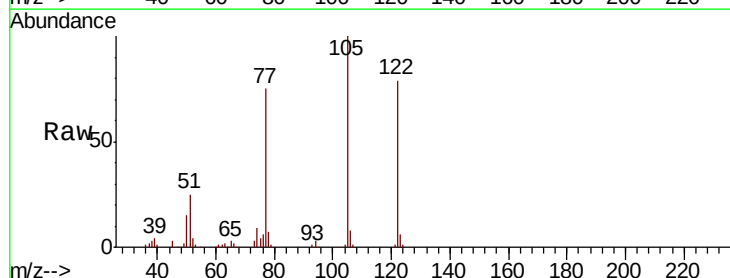
Tgt Ion:122 Resp: 273155

Ion Ratio Lower Upper

122 100

105 126.1 106.3 146.3

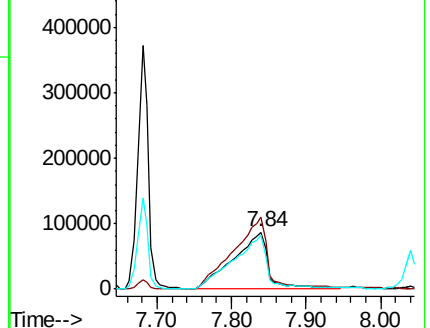
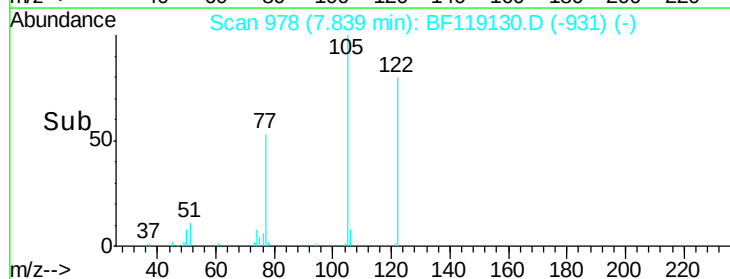
77 94.3 73.1 113.1

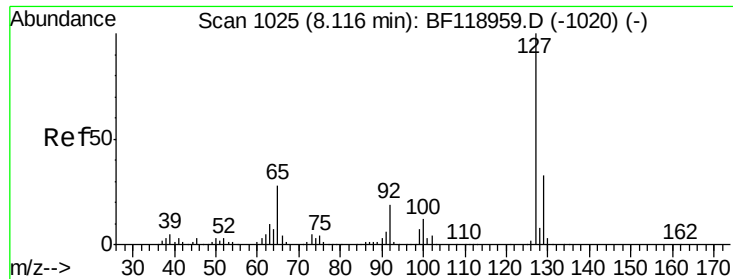


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

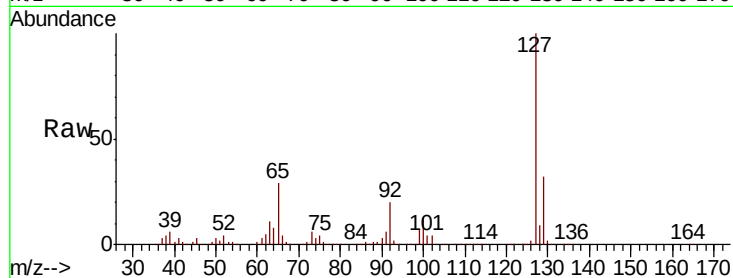




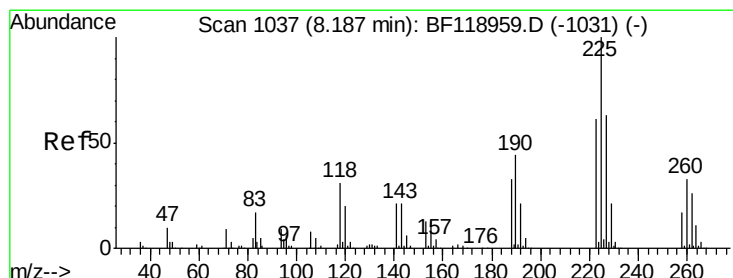
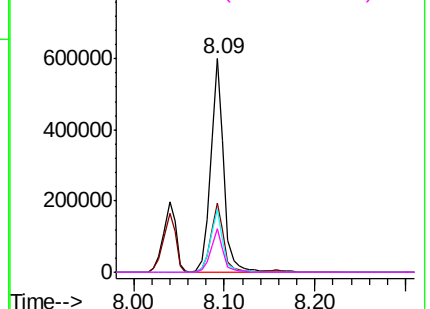
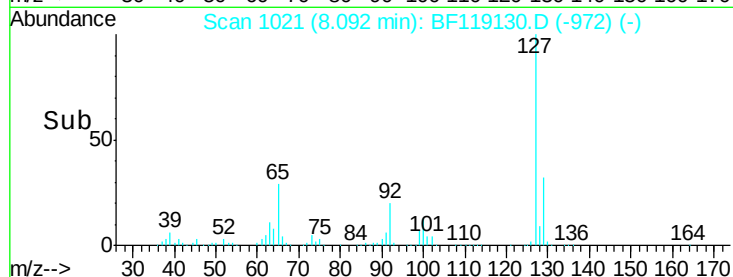
#33
4-Chloroaniline
Concen: 39.975 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	604215
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.9 38.9
65	29.4	23.9 35.9
92	20.3	16.3 24.5

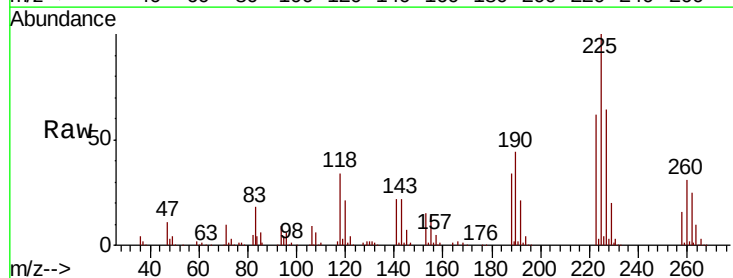


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

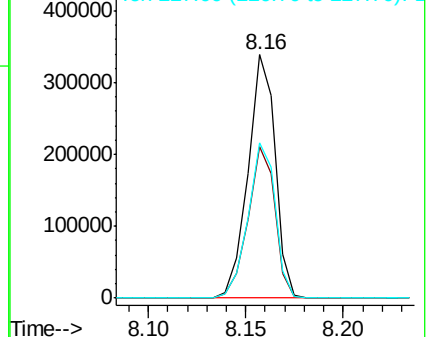
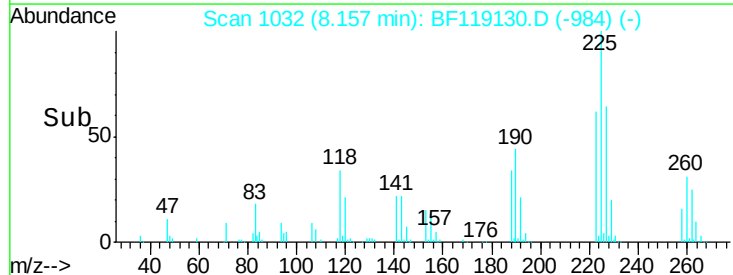


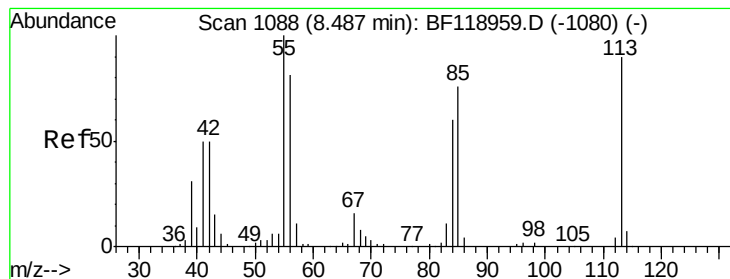
#34
Hexachlorobutadiene
Concen: 41.169 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:225	Resp:	326652
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.4 74.2
227	63.7	52.9 79.3



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: 40.405 ng/mL

RT: 8.48 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

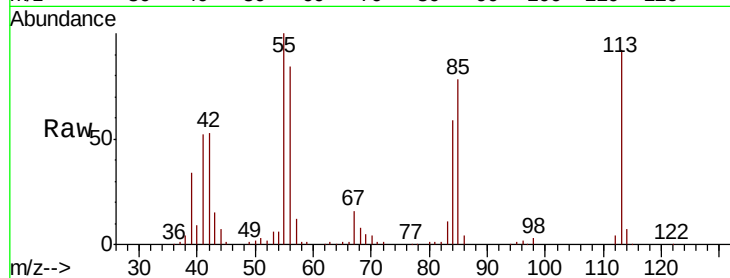
Tot Ion:113 Resp: 133664

Ion Ratio Lower Upper

113 100

55 108.2 95.7 135.7

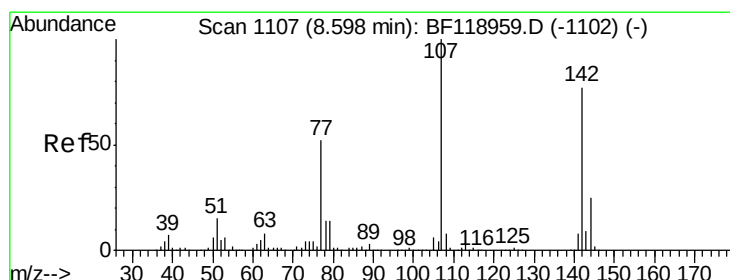
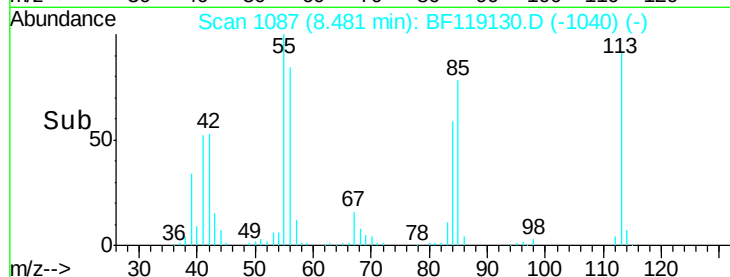
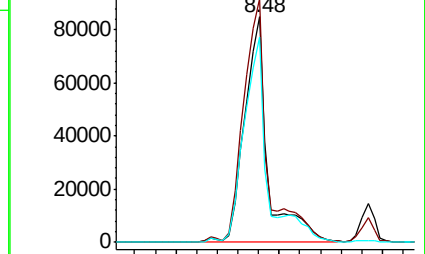
56 91.3 73.1 113.1



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: 41.409 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

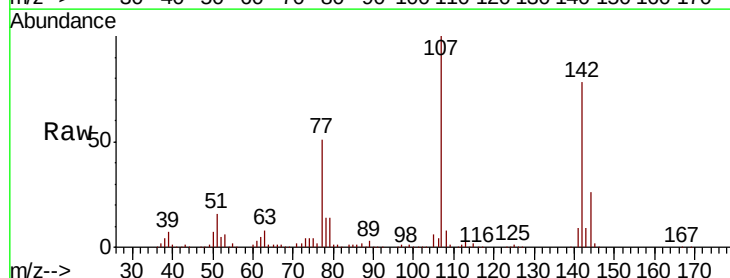
Tgt Ion:107 Resp: 450237

Ion Ratio Lower Upper

107 100

144 25.6 20.1 30.1

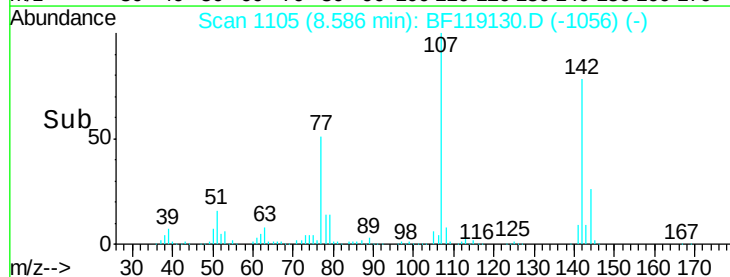
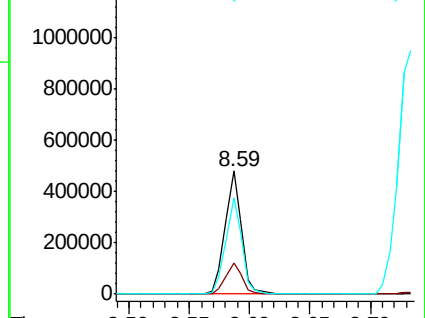
142 78.0 61.4 92.2

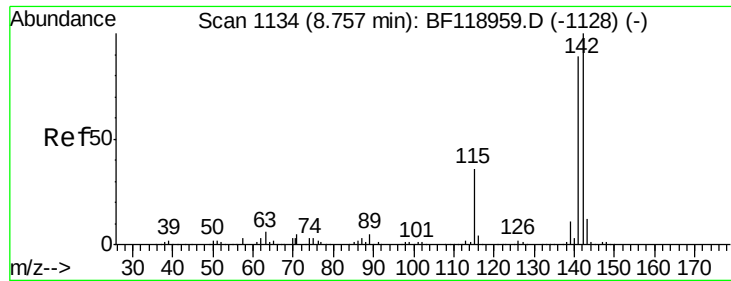


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

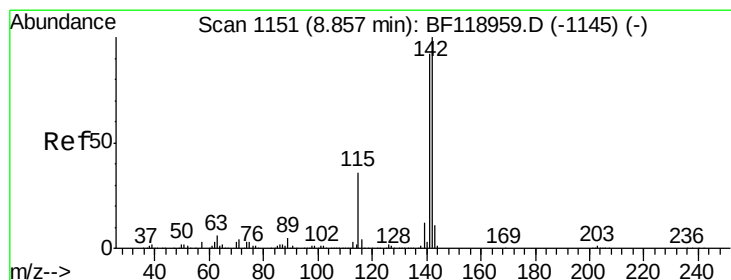
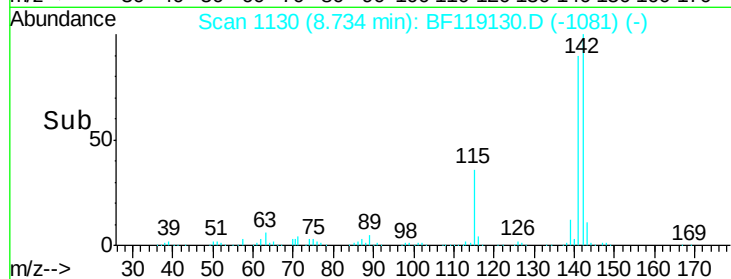
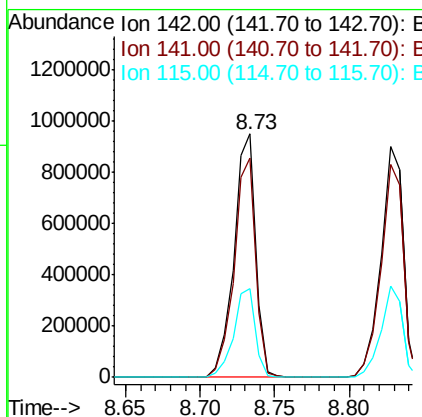
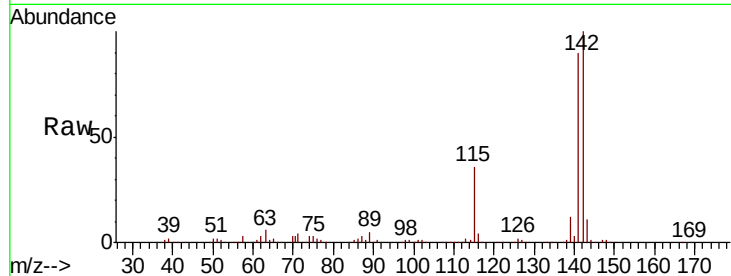




#37
2-Methylnaphthalene
Concen: 40.908 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

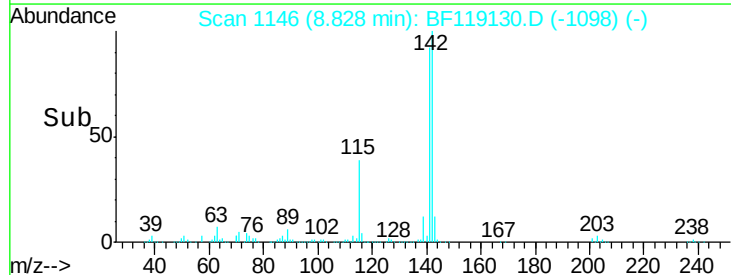
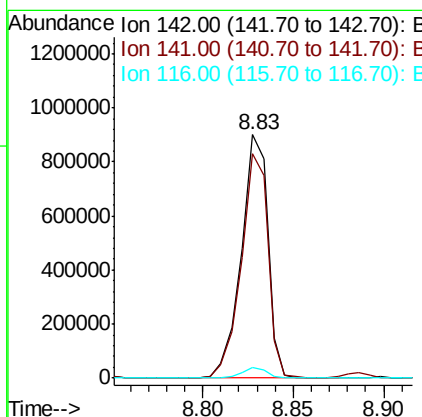
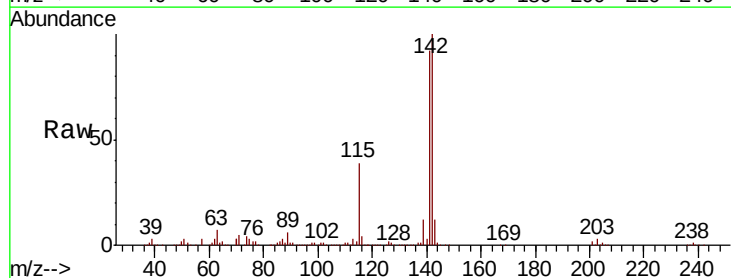
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

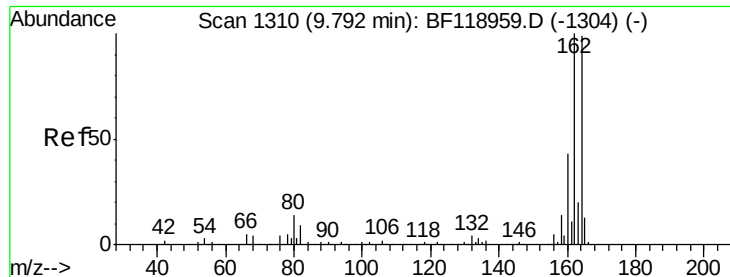
Tot Ion:142 Resp: 967444
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5
115 36.2 30.6 45.8



#38
1-Methylnaphthalene
Concen: 41.150 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:142 Resp: 915212
Ion Ratio Lower Upper
142 100
141 92.2 75.8 113.6
116 4.2 3.1 4.7

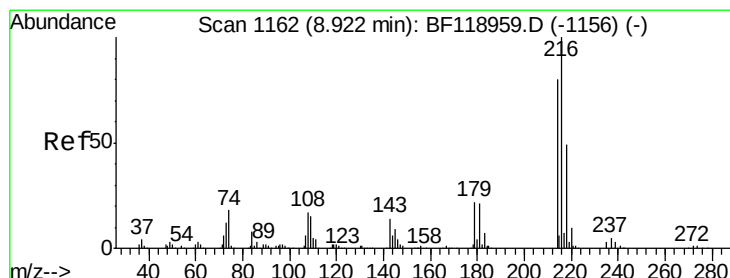
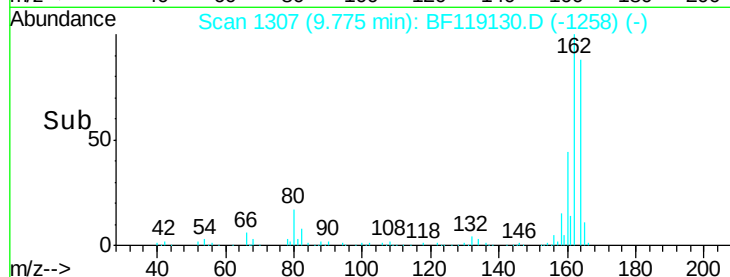
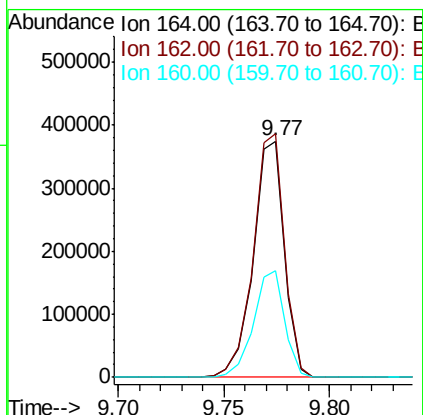
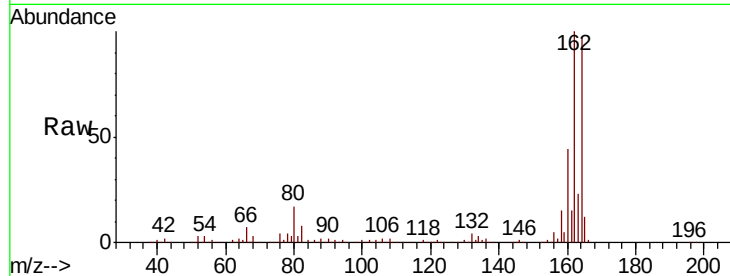




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

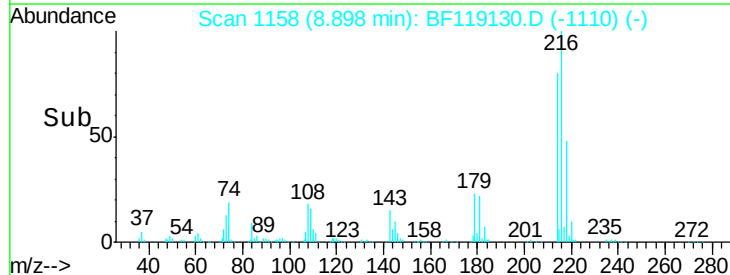
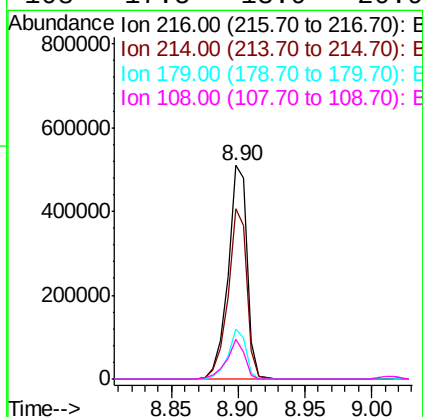
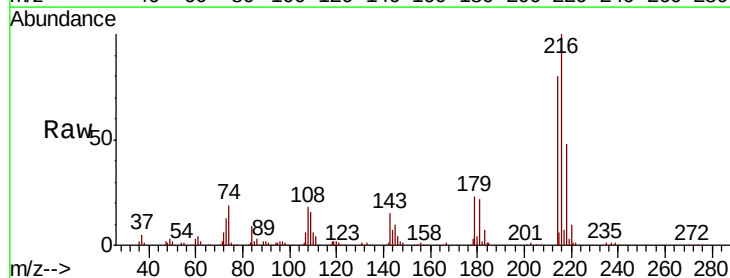
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

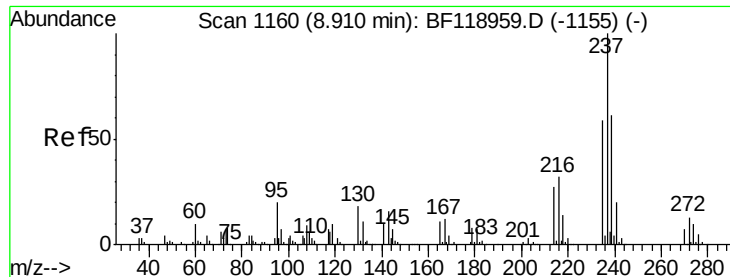
Tot Ion:164 Resp: 384793
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.8
160 45.0 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.621 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:216 Resp: 514027
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 21.8 17.7 26.5
108 17.5 13.9 20.9

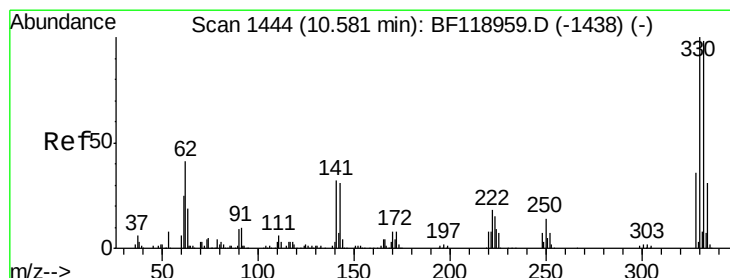
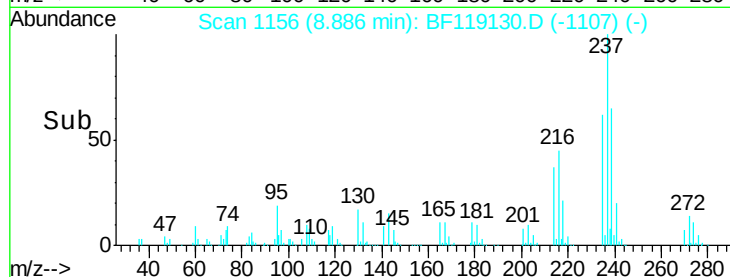
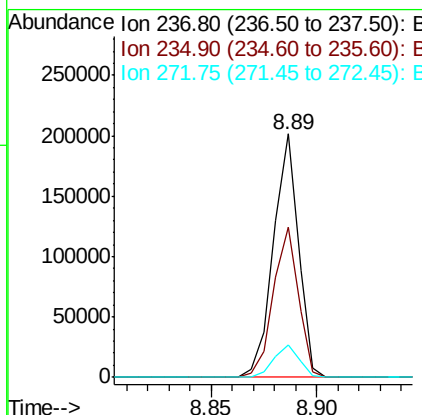
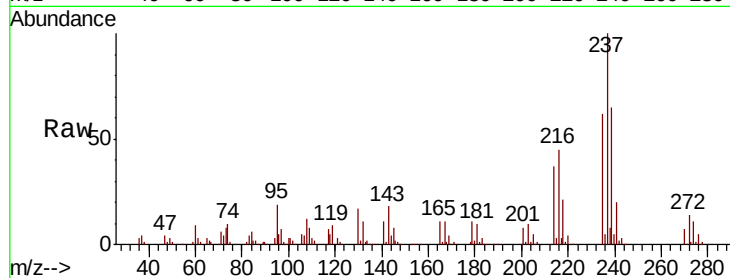




#41
Hexachlorocyclopentadiene
Concen: 40.491 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

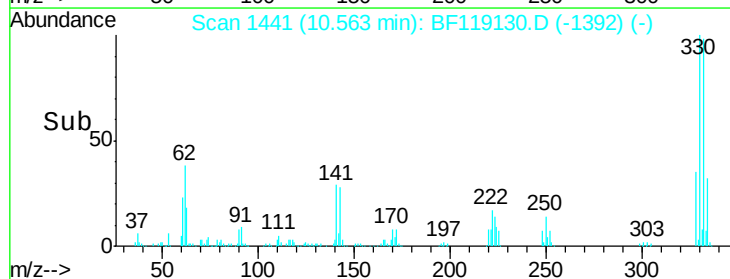
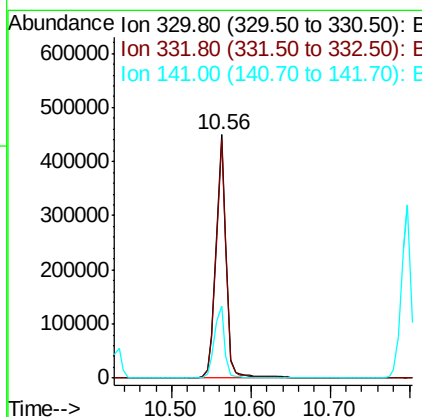
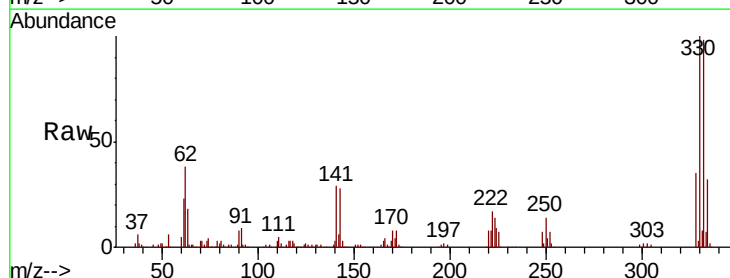
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

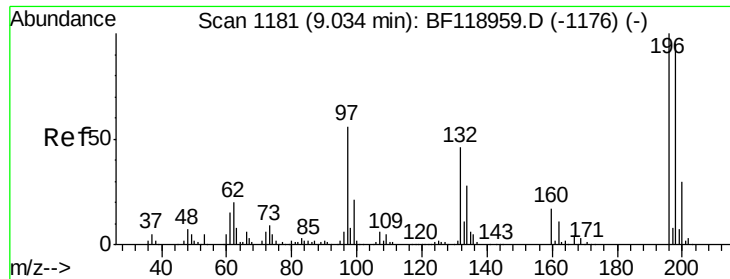
Tot Ion:237 Resp: 166389
Ion Ratio Lower Upper
237 100
235 61.9 42.3 82.3
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 81.303 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:330 Resp: 409260
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 29.6 22.9 34.3

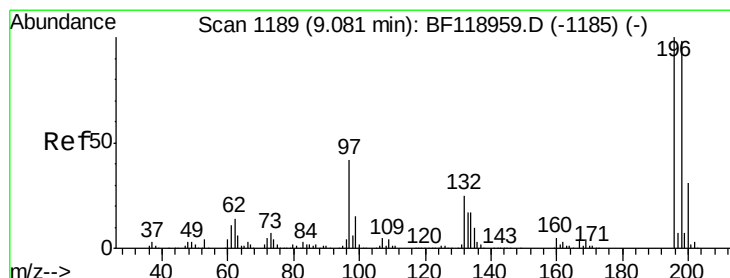
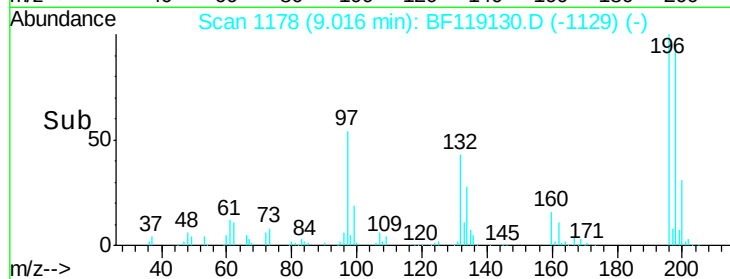
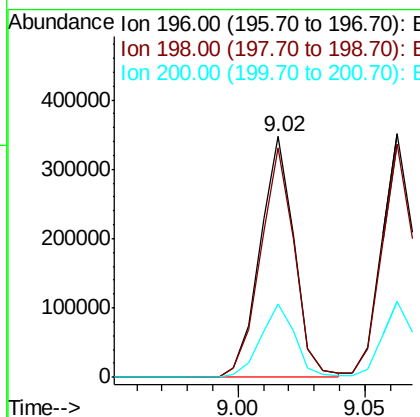
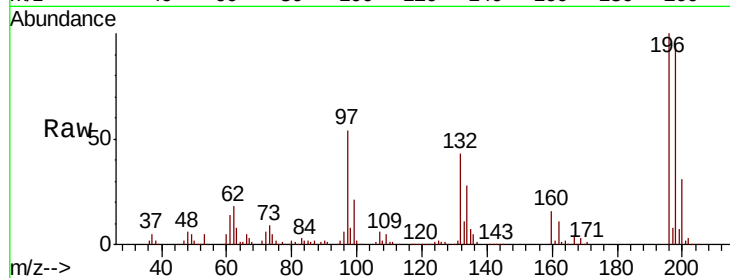




#43
 2,4,6-Trichlorophenol
 Concen: 40.057 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

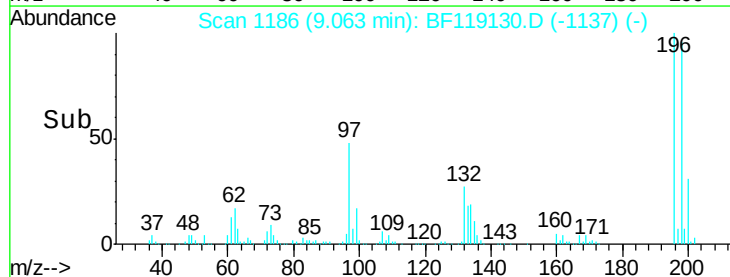
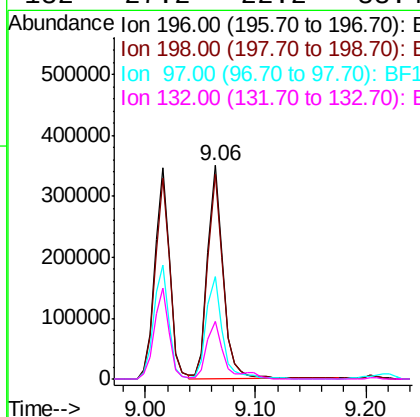
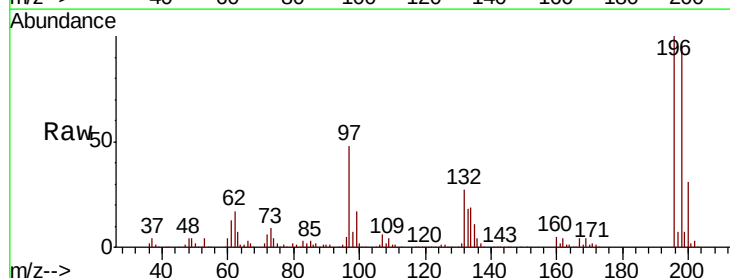
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

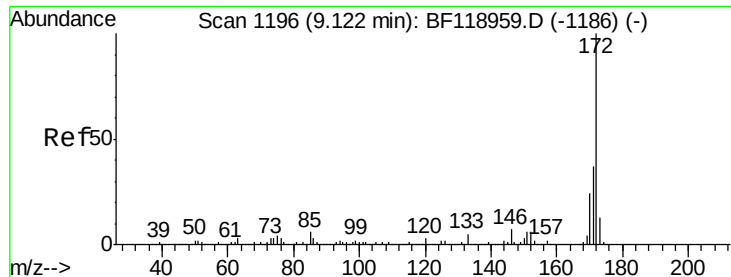
Tot Ion:196 Resp: 328176
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.1 115.7
 200 30.7 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.854 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion:196 Resp: 334035
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 47.8 38.5 57.7
 132 27.2 22.2 33.4

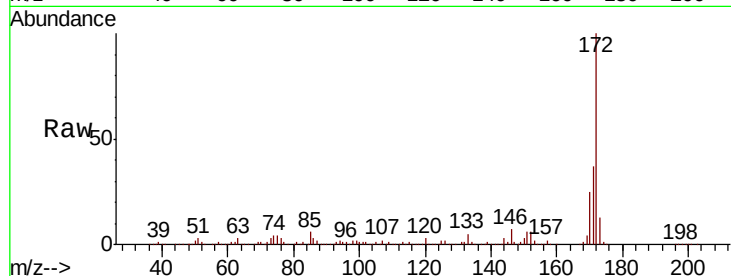




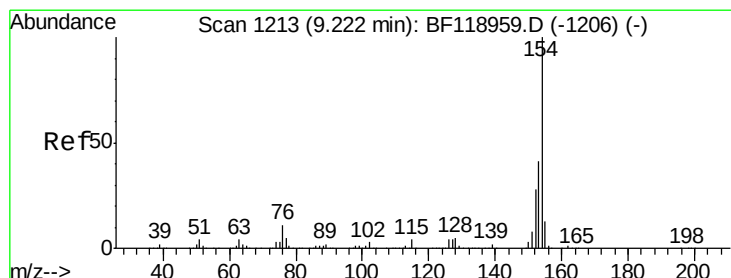
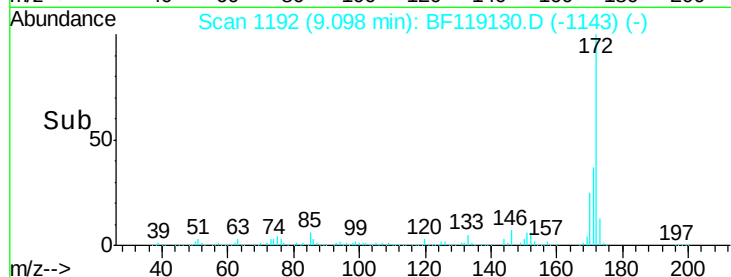
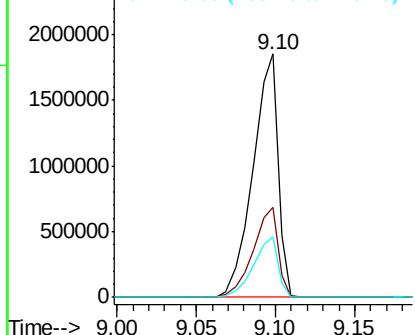
#45
2-Fluorobiphenyl
Concen: 78.526 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2051103
Ion Ratio Lower Upper
172 100
171 37.2 30.6 45.8
170 24.9 20.2 30.2

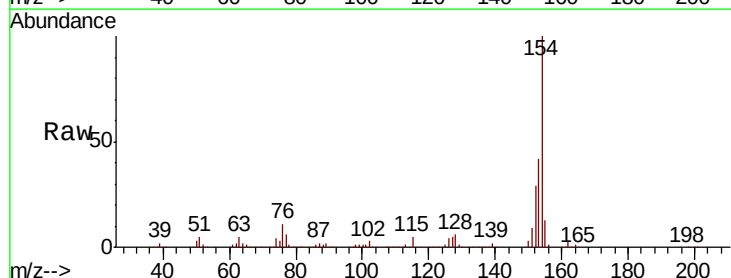


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

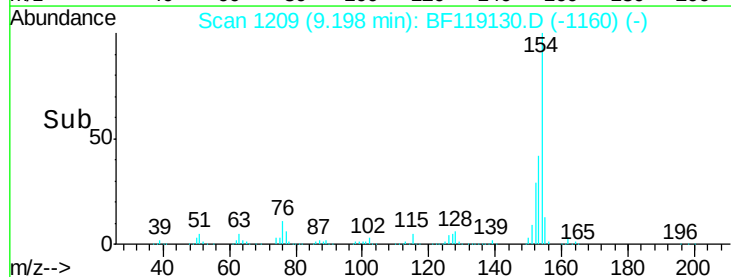
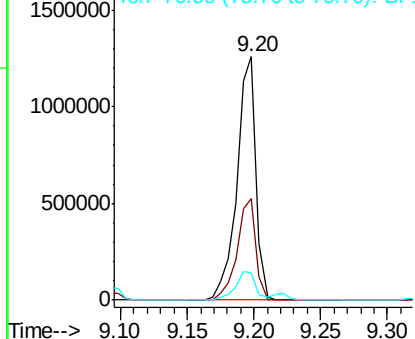


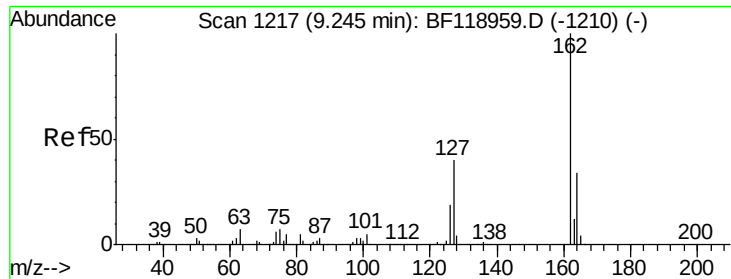
#46
1,1'-Biphenyl
Concen: 40.057 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:154 Resp: 1245739
Ion Ratio Lower Upper
154 100
153 41.9 22.8 62.8
76 11.3 0.0 32.2



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

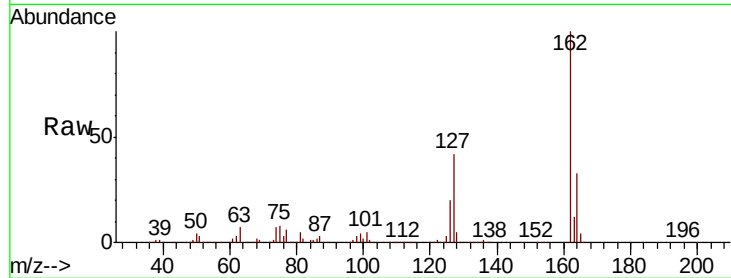




#47
2-Chloronaphthalene
Concen: 39.870 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	35.0	52.4
164	33.2	27.2	40.8

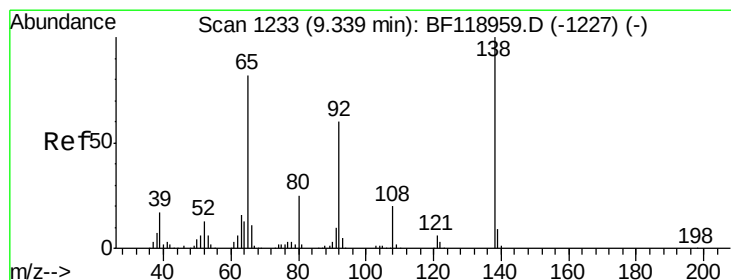
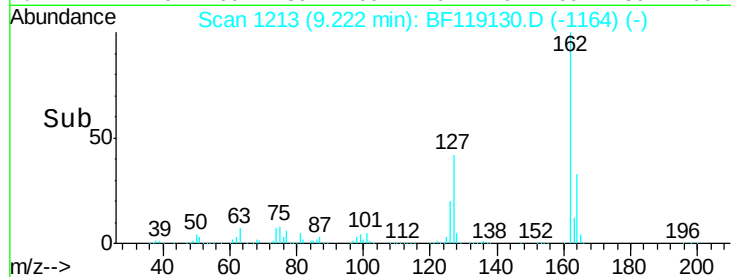
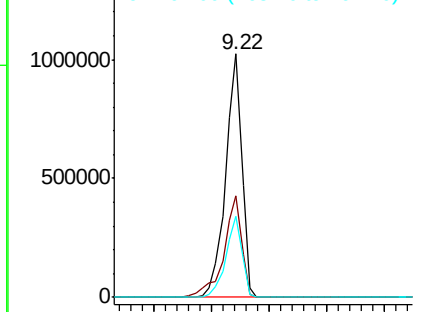


Abundance

Ion 162.00 (161.70 to 162.70): E

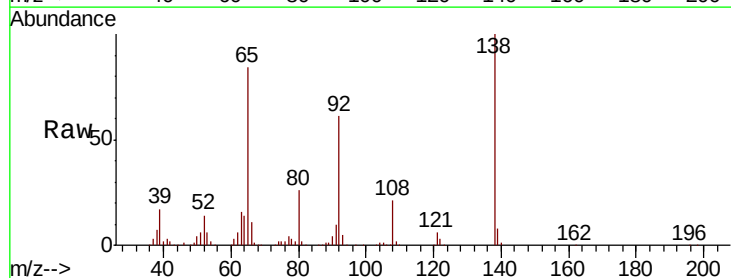
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.955 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	58.2	87.2
138	119.6	95.6	143.4

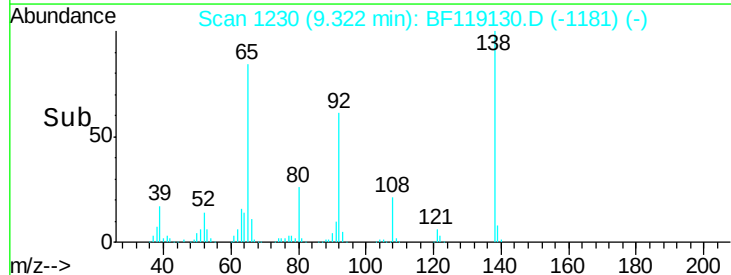
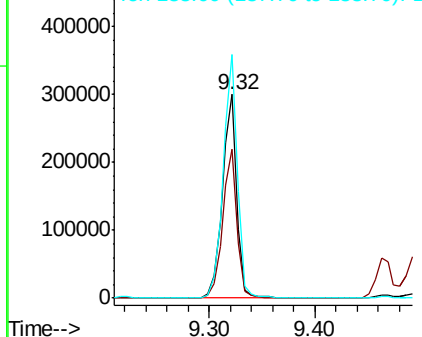


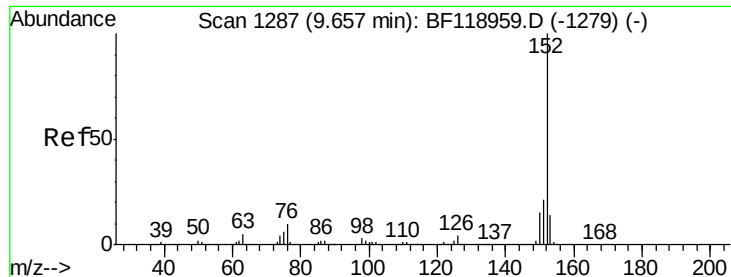
Abundance

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: 39.499 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

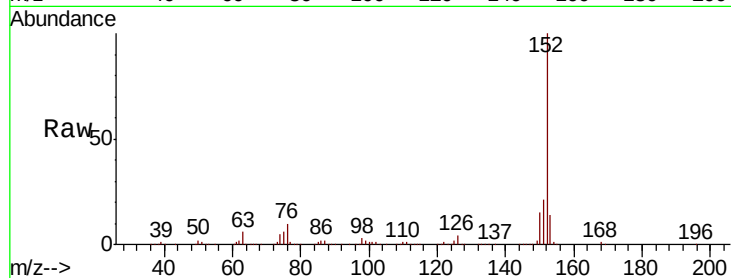
Tot Ion:152 Resp: 1429705

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

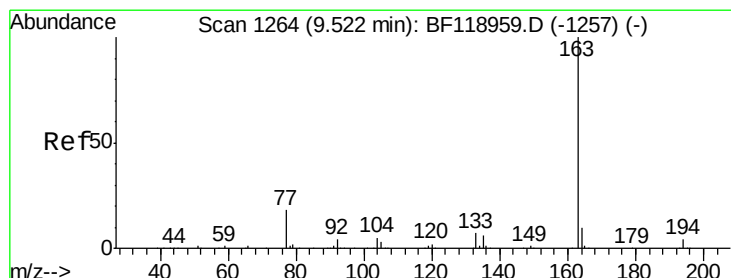
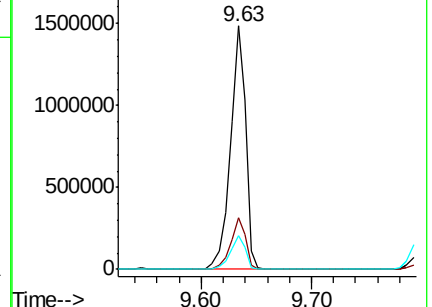
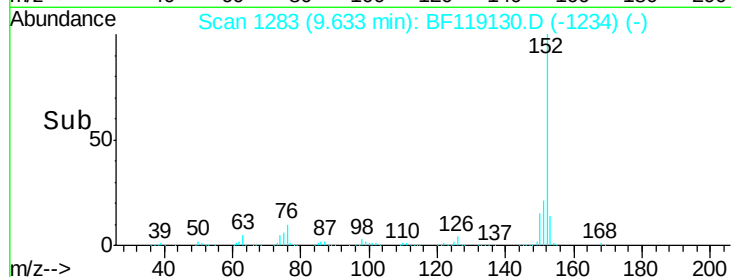
153 13.7 11.0 16.6



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: 41.504 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

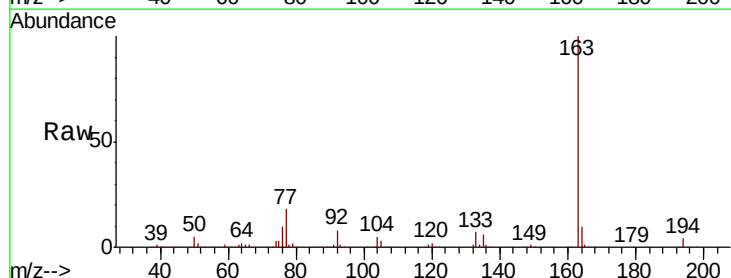
Tgt Ion:163 Resp: 1221220

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

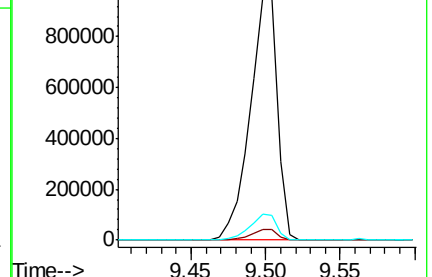
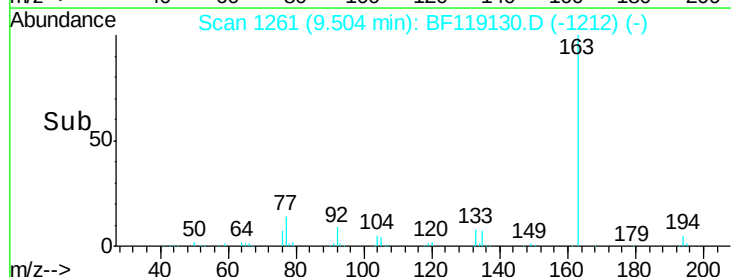
164 10.1 8.4 12.6

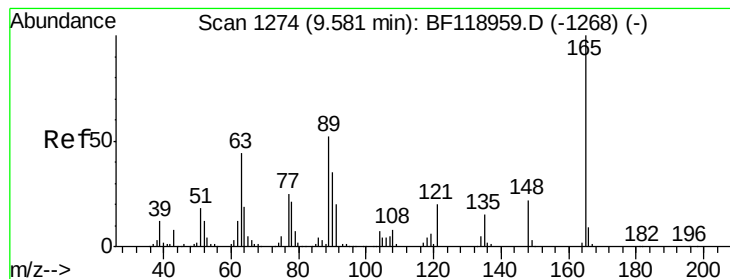


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.506 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

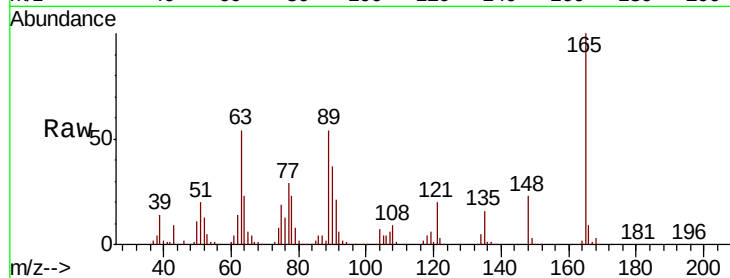
Tot Ion:165 Resp: 264798

Ion Ratio Lower Upper

165 100

63 53.7 34.3 51.5#

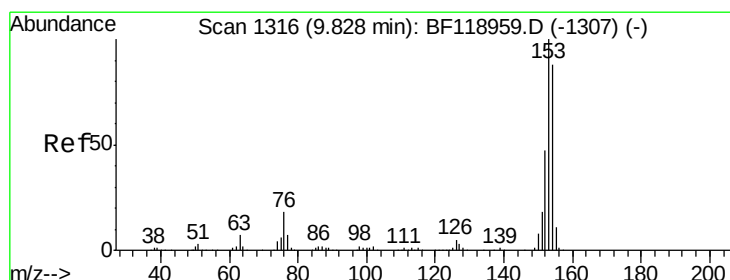
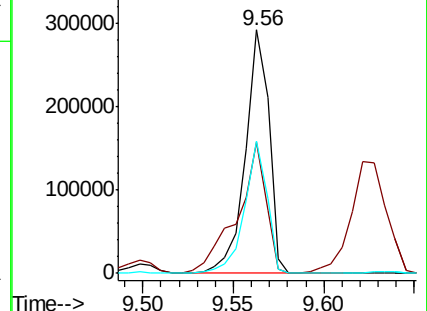
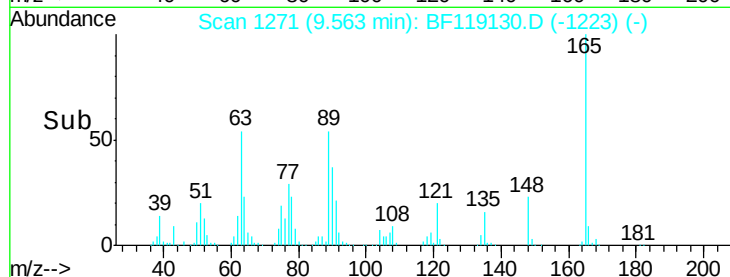
89 54.2 38.3 57.5



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: 40.184 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

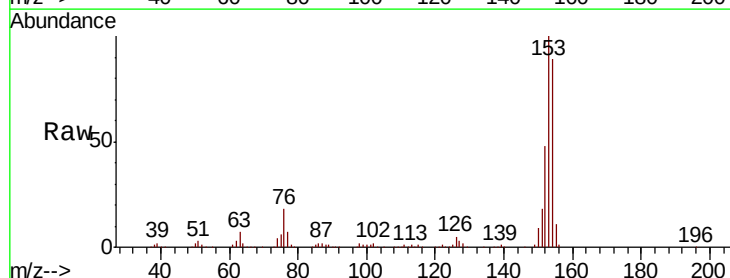
Tgt Ion:154 Resp: 877048

Ion Ratio Lower Upper

154 100

153 112.3 90.3 135.5

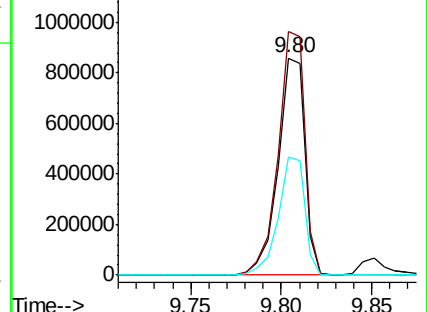
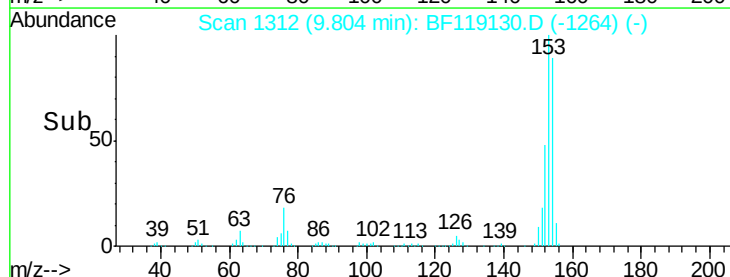
152 54.2 43.8 65.8

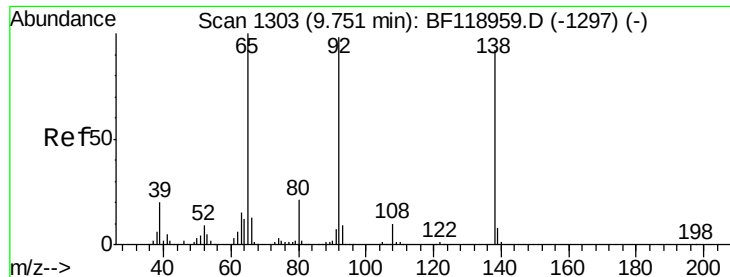


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

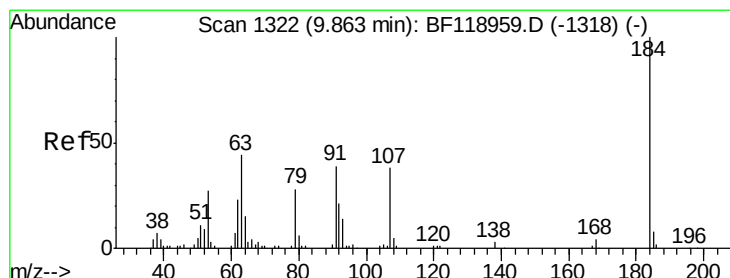
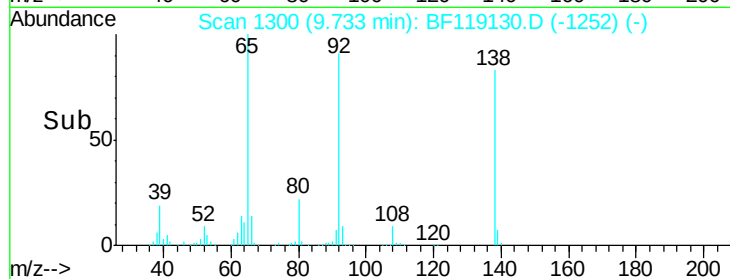
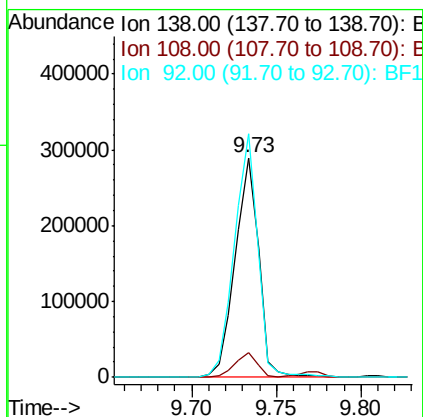
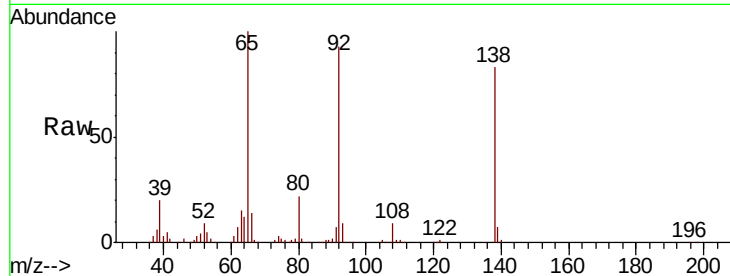




#53
 3-Nitroaniline
 Concen: 38.662 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

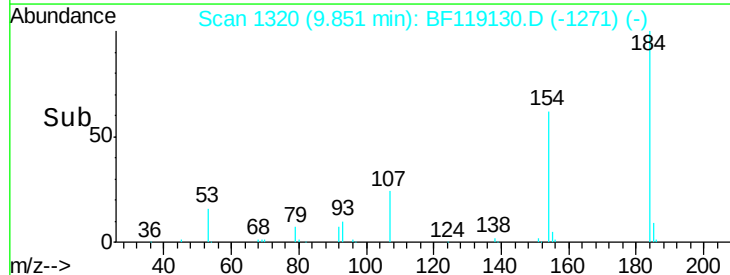
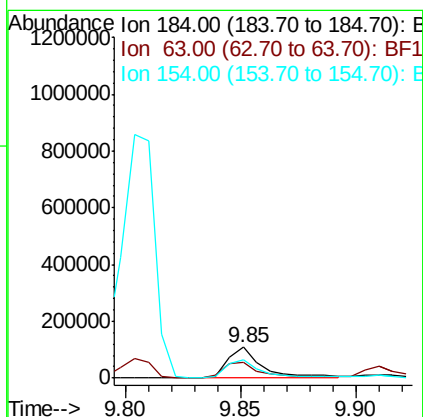
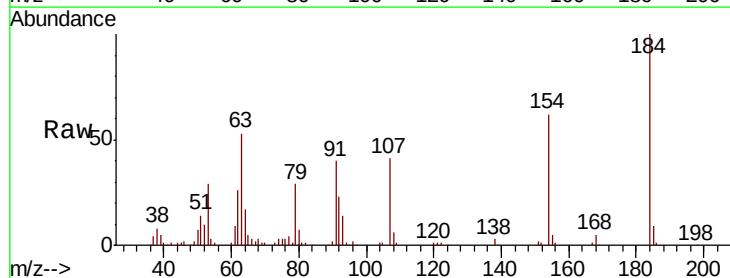
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

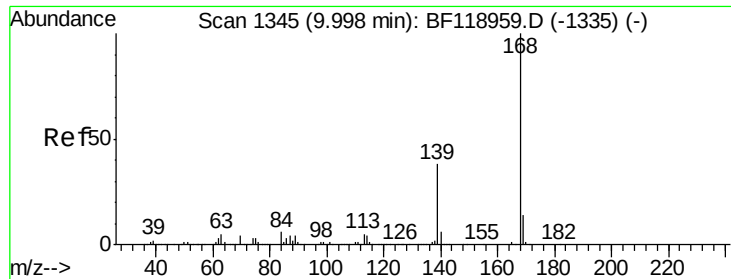
Tot Ion:138 Resp: 280193
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.8 13.2
 92 110.9 84.8 127.2



#54
 2,4-Dinitrophenol
 Concen: 40.329 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion:184 Resp: 115142
 Ion Ratio Lower Upper
 184 100
 63 53.4 38.7 58.1
 154 61.7 49.7 74.5

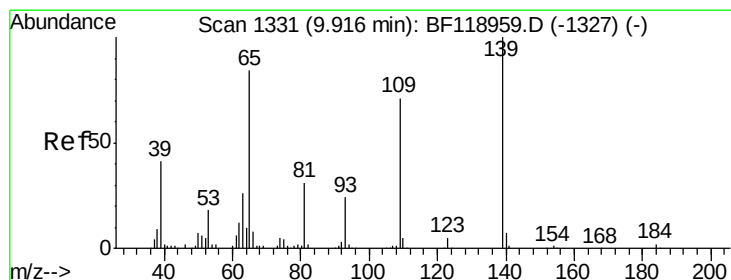
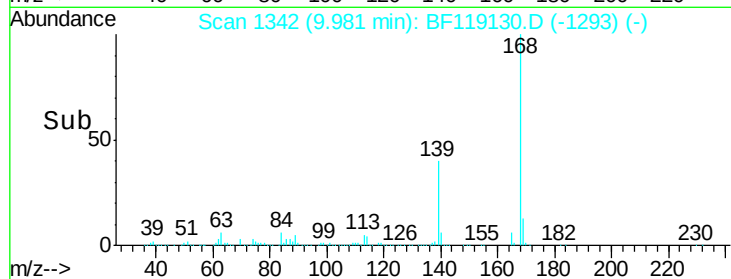
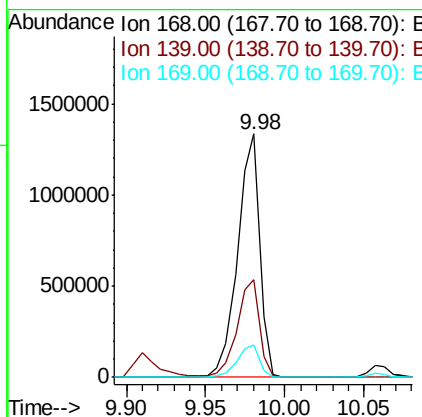
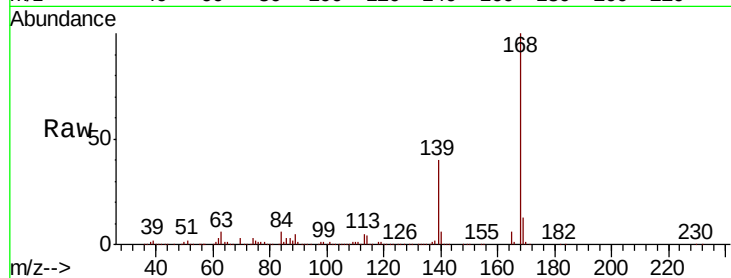




#55
Dibenzofuran
Concen: 39.499 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

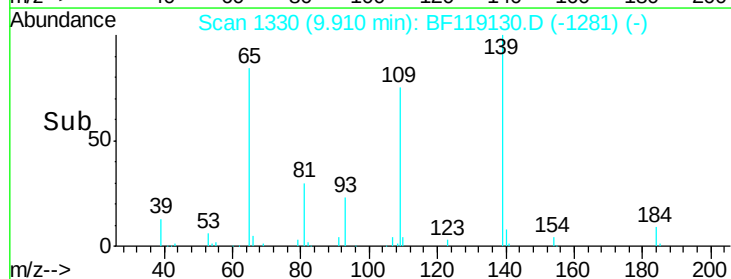
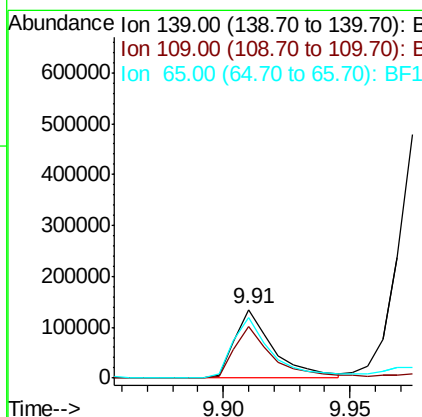
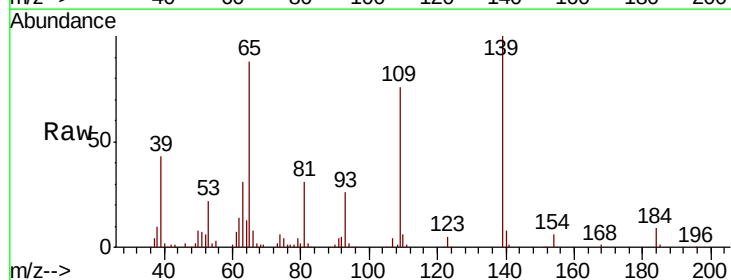
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

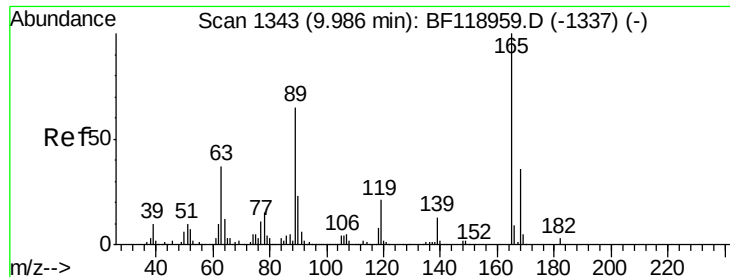
Tot Ion:168 Resp: 1286749
Ion Ratio Lower Upper
168 100
139 40.0 34.0 51.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 32.834 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:139 Resp: 142972
Ion Ratio Lower Upper
139 100
109 76.0 56.7 96.7
65 88.5 65.0 105.0





#57

2,4-Dinitrotoluene

Concen: 39.299 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 332998

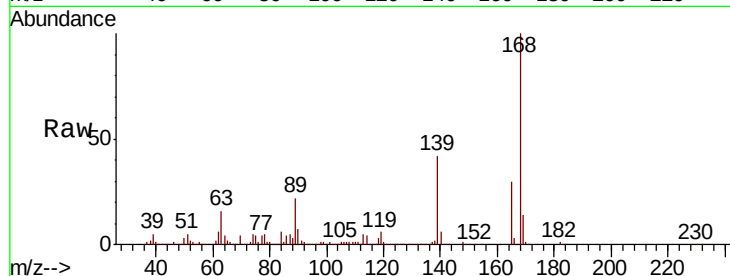
Ion Ratio Lower Upper

165 100

63 52.2 42.3 63.5

89 72.4 60.2 90.4

182 3.0 2.3 3.5

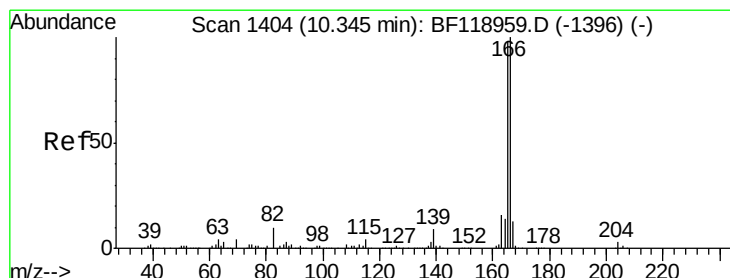
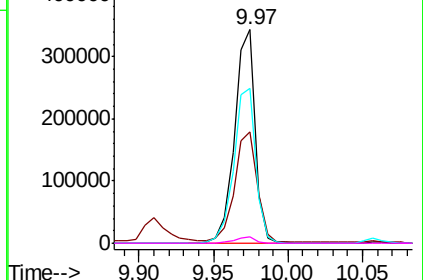
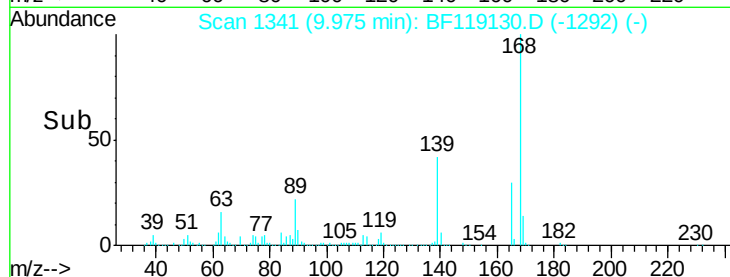


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.528 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

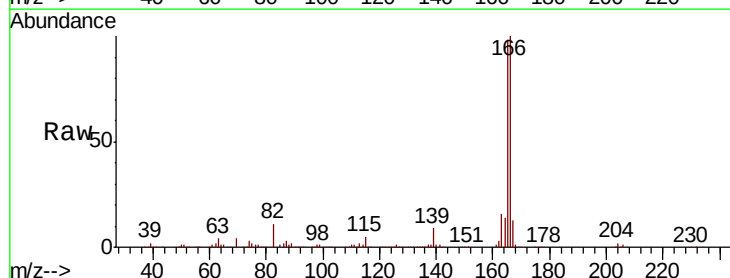
Tgt Ion:166 Resp: 1025917

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

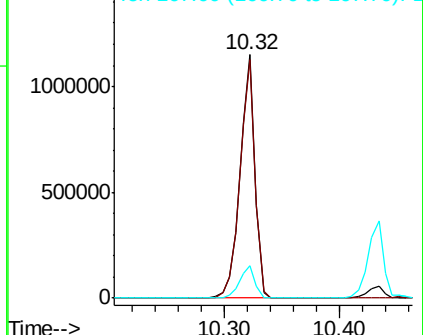
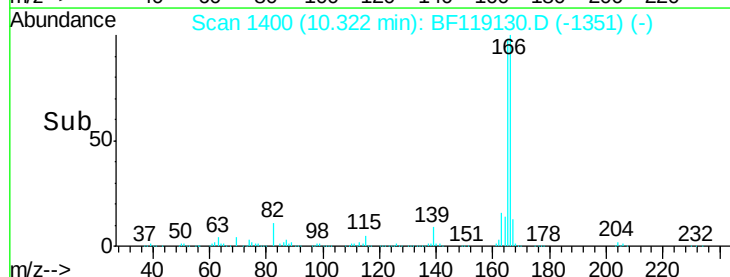
167 13.4 11.0 16.4

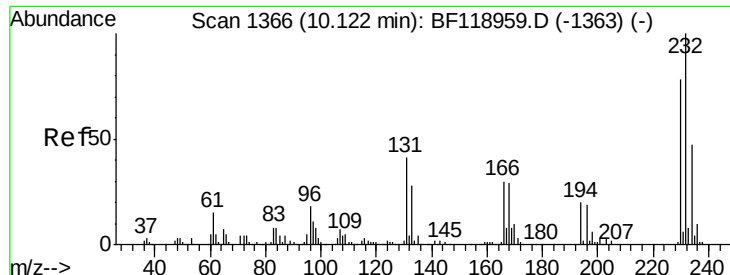


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

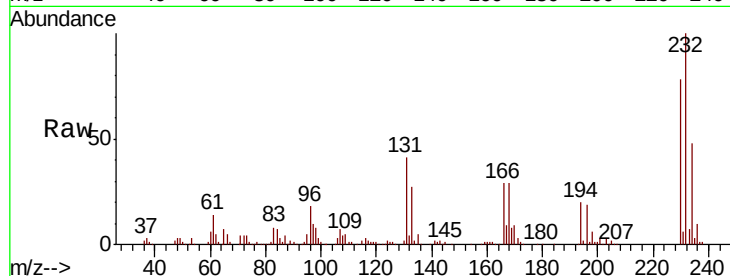




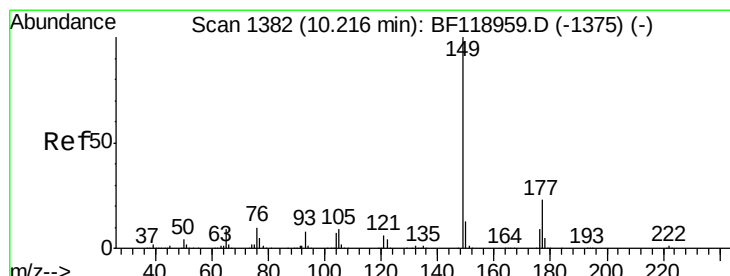
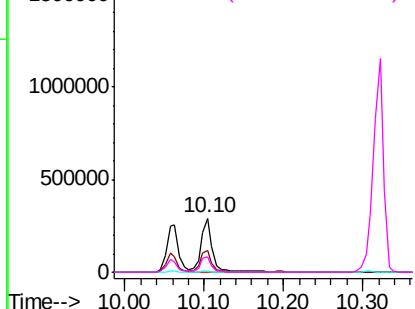
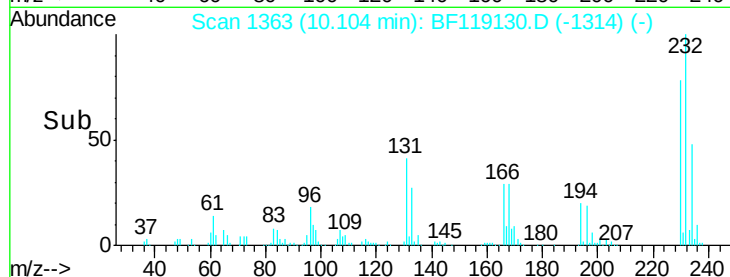
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.067 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.8	50.8
130	2.2	1.8	2.6
166	28.6	23.0	34.4

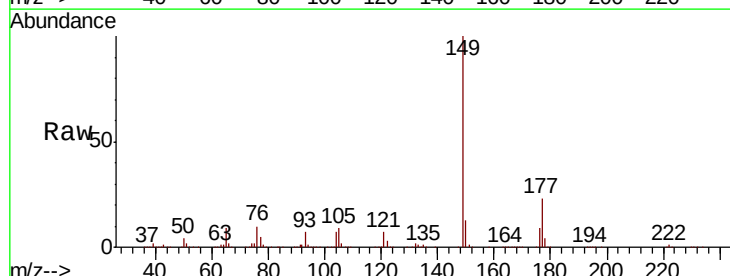


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

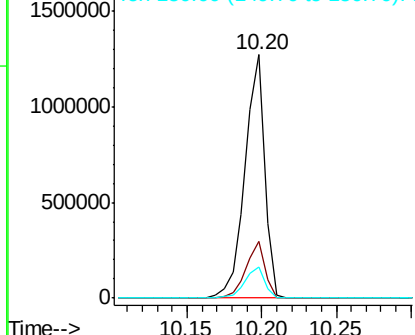
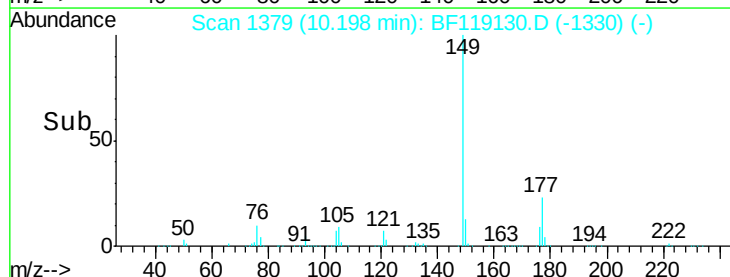


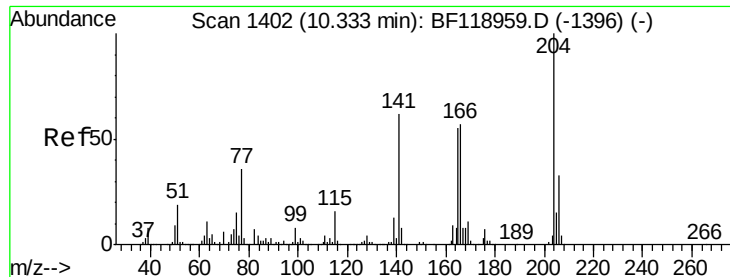
#60
Diethylphthalate
Concen: 42.031 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.2
150	12.7	10.5	15.7



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

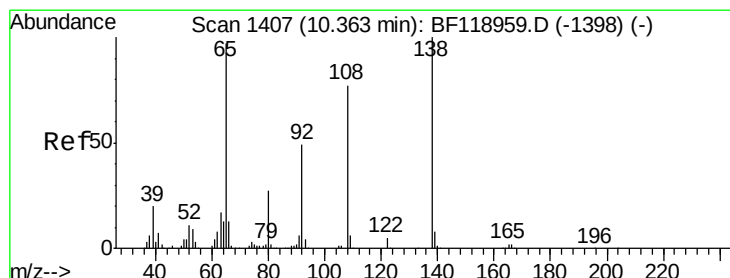
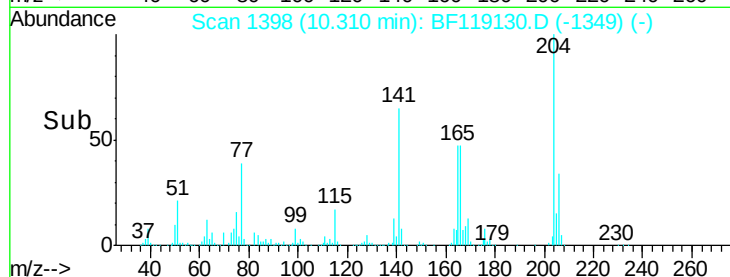
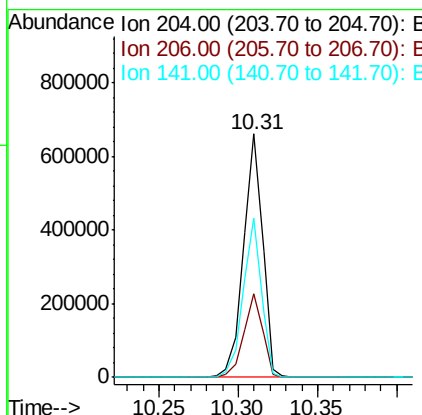
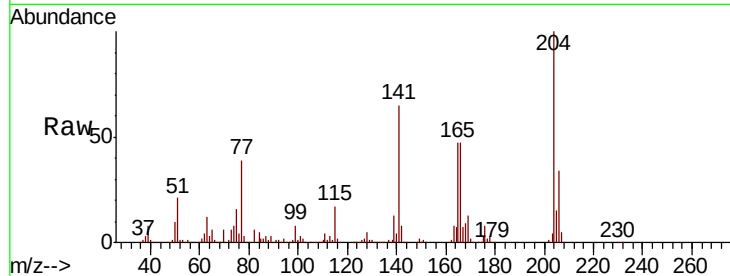




#61
 4-Chlorophenyl-phenylether
 Concen: 41.057 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

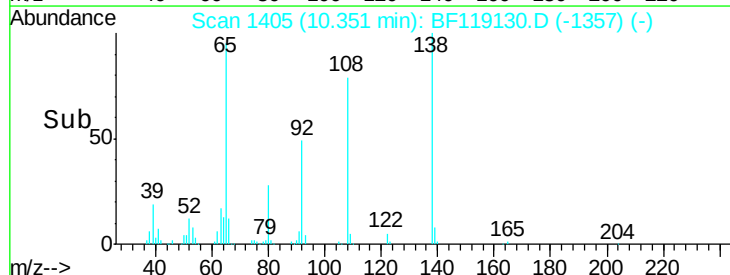
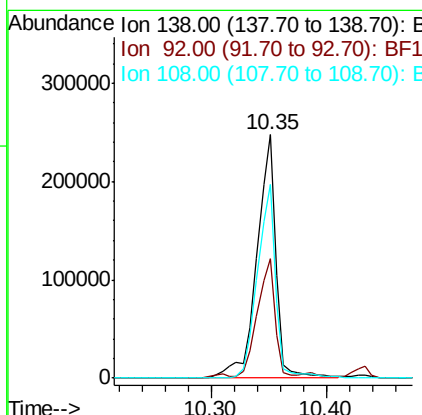
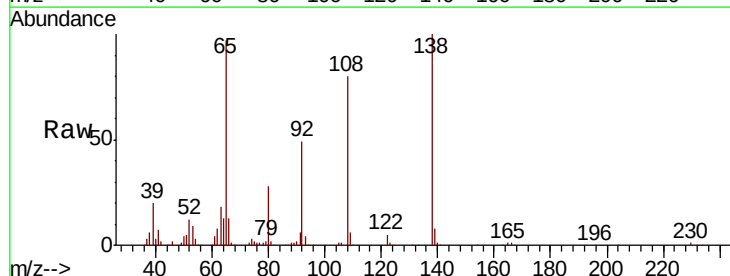
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

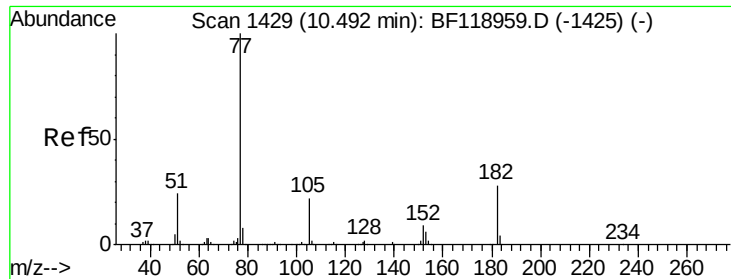
Tot Ion:	204	Resp:	550127
Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.1	40.7
141	65.2	52.9	79.3



#62
 4-Nitroaniline
 Concen: 39.031 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion:	138	Resp:	289410
Ion	Ratio	Lower	Upper
138	100		
92	48.9	27.3	67.3
108	79.8	57.0	97.0





#63

Azobenzene

Concen: 42.390 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1021705

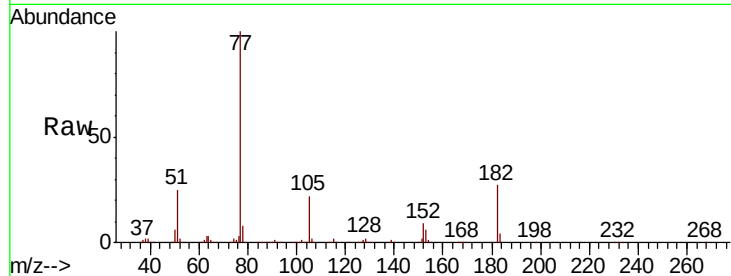
Ion Ratio Lower Upper

77 100

182 26.8 11.4 51.4

105 22.1 3.4 43.4

51 25.0 5.1 45.1

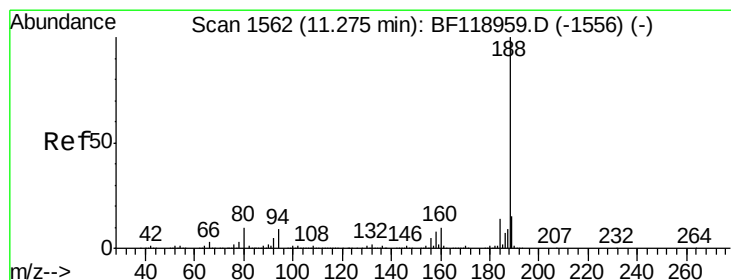
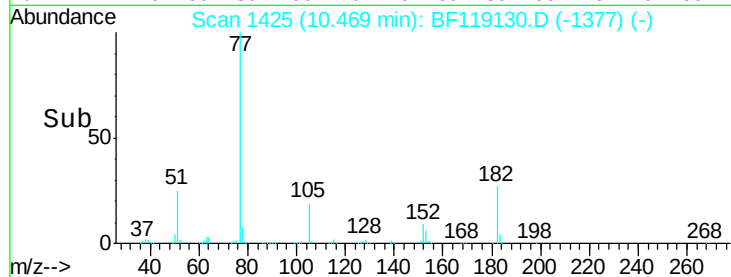
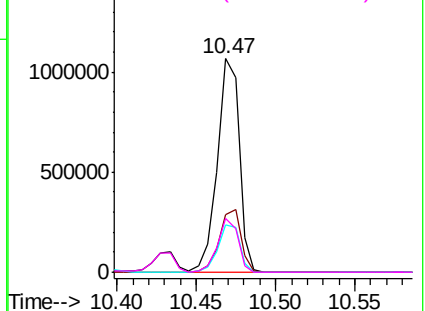


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

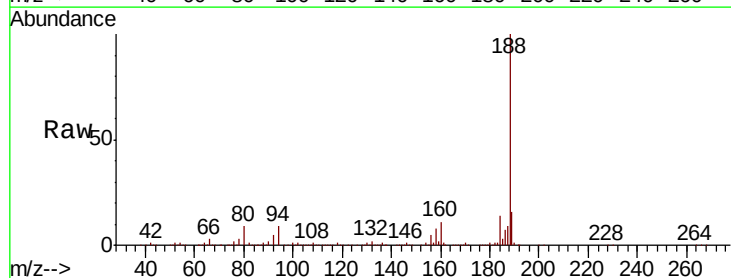
Tgt Ion: 188 Resp: 705588

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

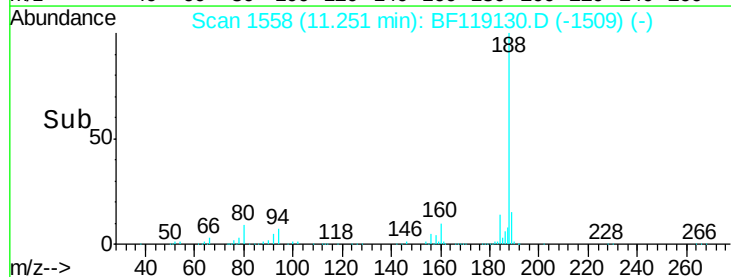
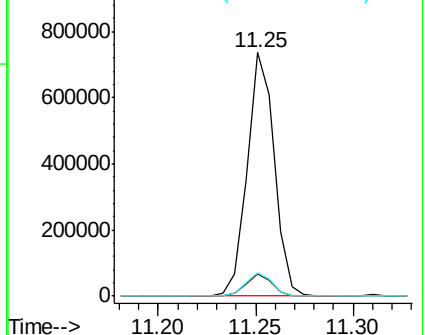
80 9.5 7.8 11.8

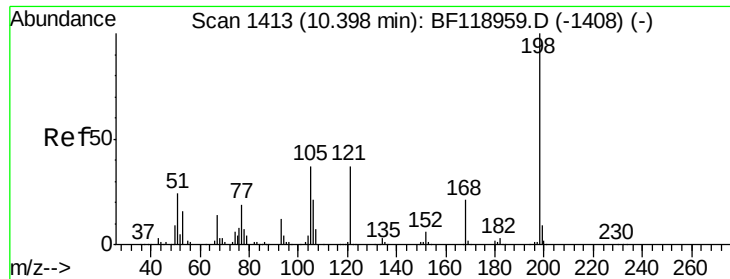


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

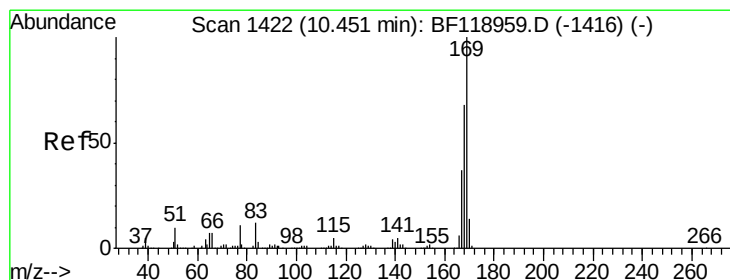
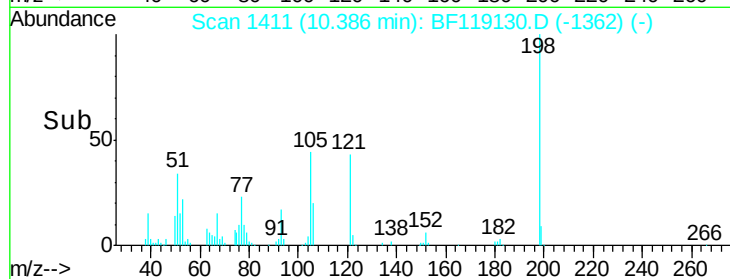
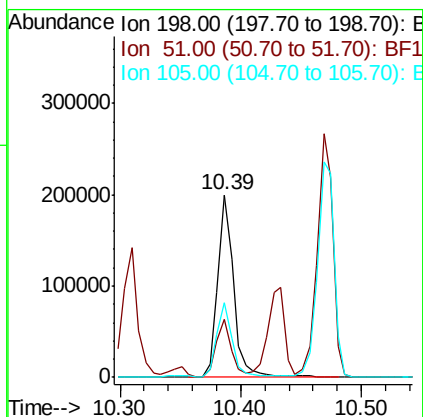
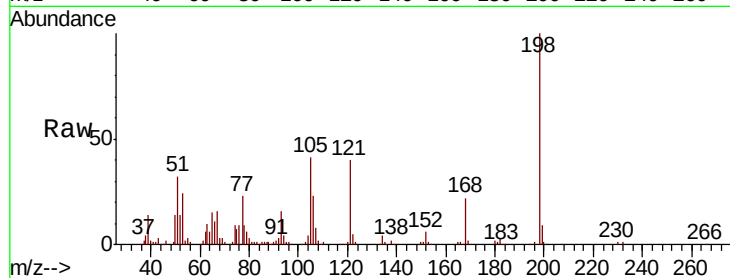




#65
4,6-Dinitro-2-methylphenol
Concen: 42.473 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

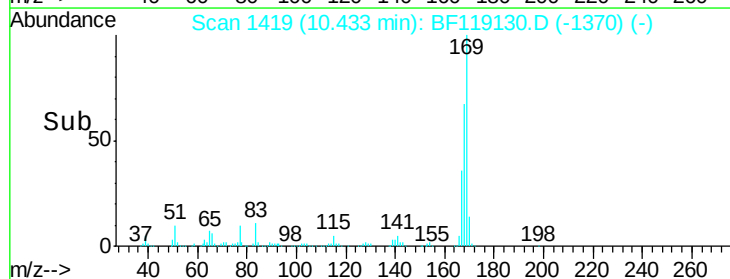
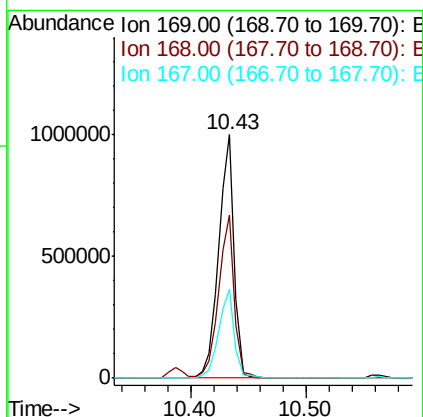
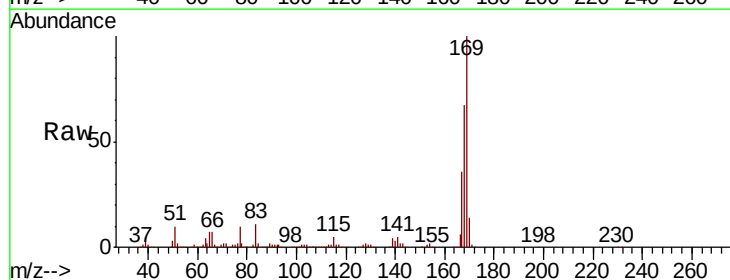
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

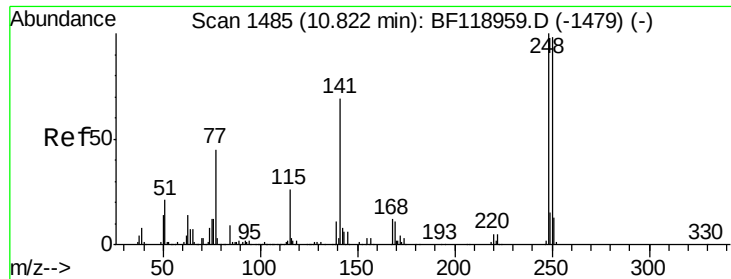
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.8	14.2	54.2
105	41.0	22.7	62.7



#66
n-Nitrosodiphenylamine
Concen: 40.088 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.3	29.4	44.0

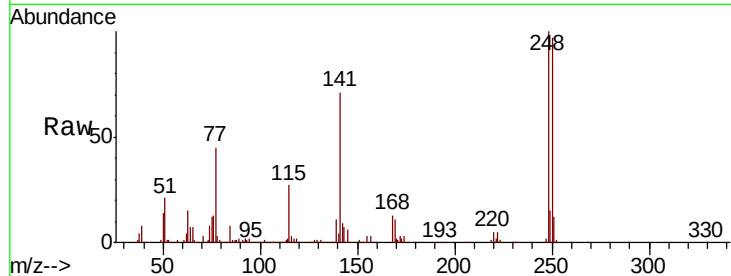




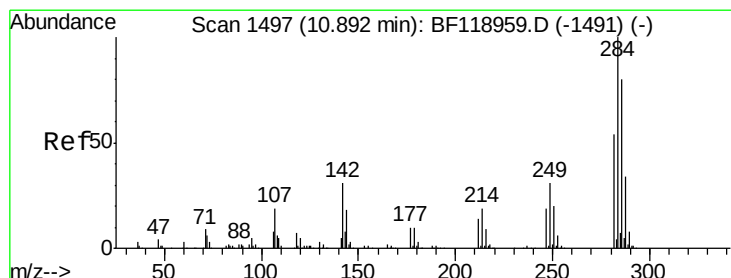
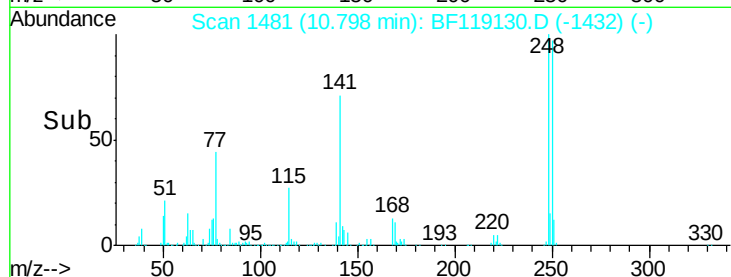
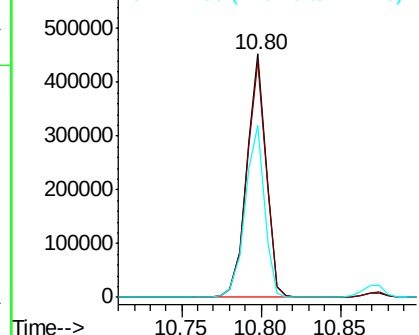
#67
4-Bromophenyl-phenylether
Concen: 41.125 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 379294
Ion Ratio Lower Upper
248 100
250 97.1 76.7 115.1
141 70.6 60.7 91.1

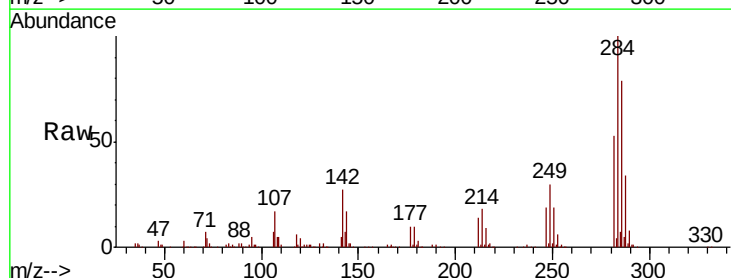


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

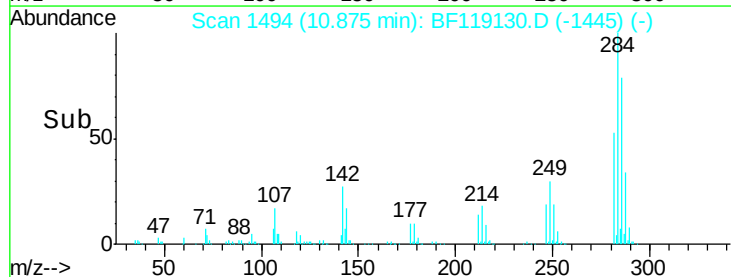
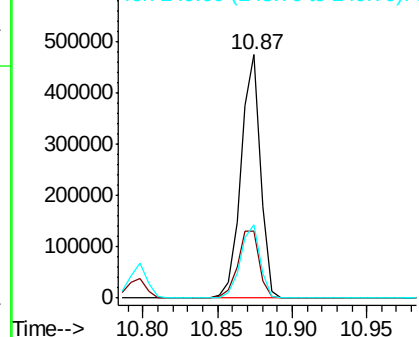


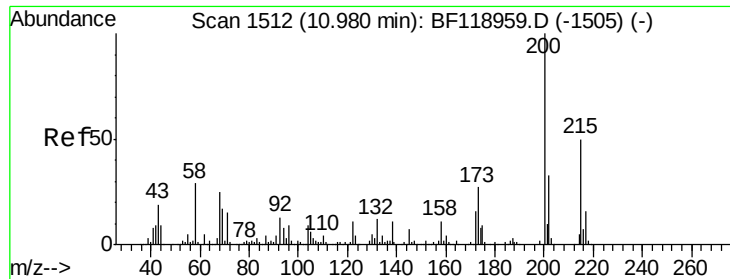
#68
Hexachlorobenzene
Concen: 40.877 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:284 Resp: 434668
Ion Ratio Lower Upper
284 100
142 27.3 23.7 35.5
249 30.2 25.0 37.6



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





#69

Atrazine

Concen: 37.110 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

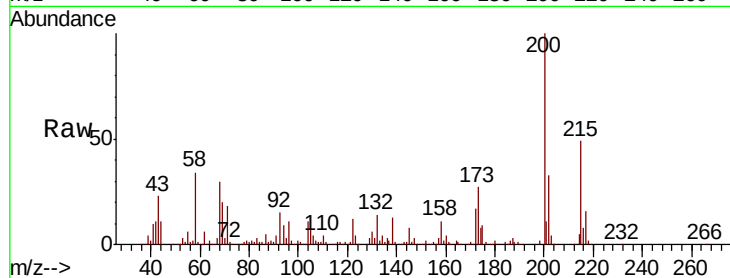
Tot Ion:200 Resp: 299555

Ion Ratio Lower Upper

200 100

173 27.3 6.4 46.4

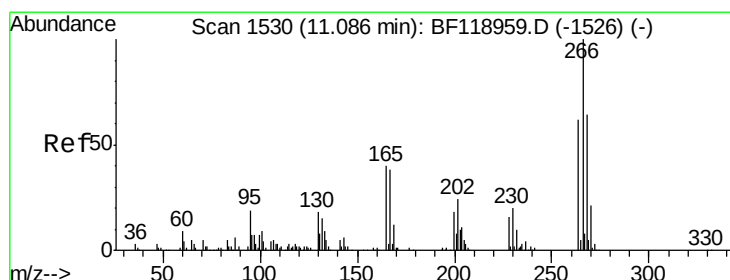
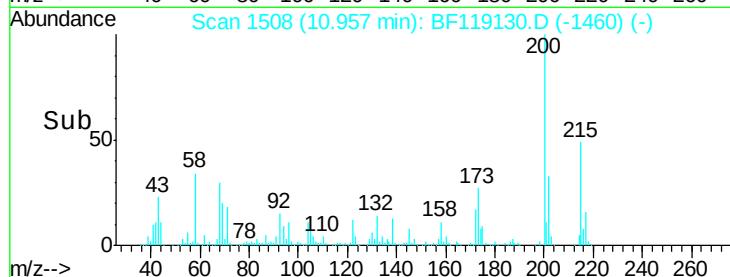
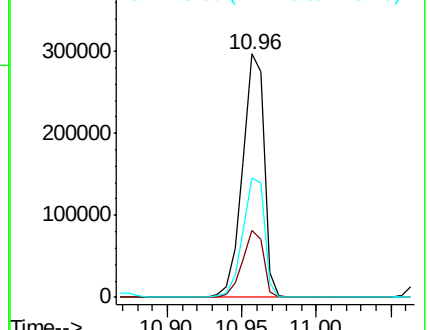
215 49.3 27.4 67.4



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: 35.675 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

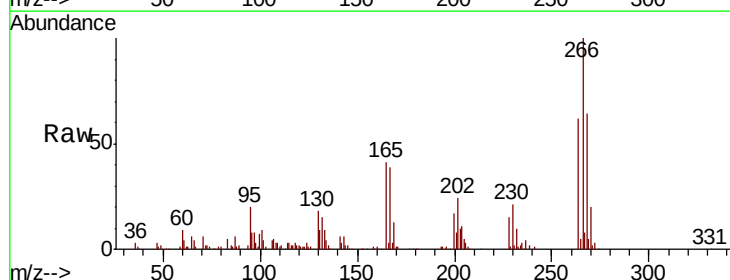
Tgt Ion:266 Resp: 152813

Ion Ratio Lower Upper

266 100

268 63.9 51.9 77.9

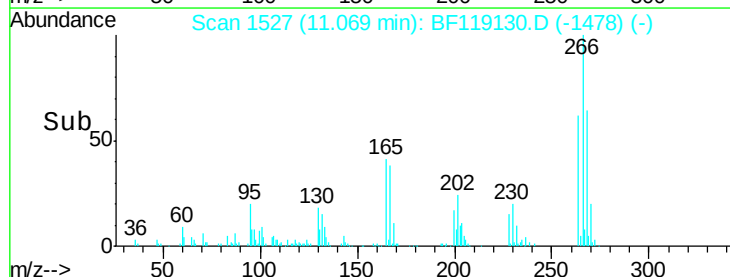
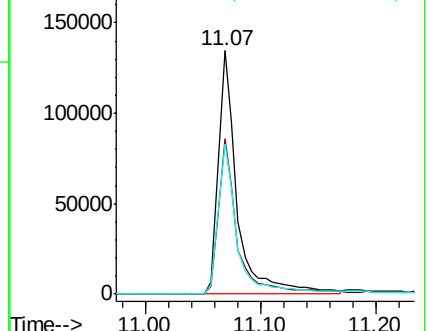
264 61.8 51.0 76.4

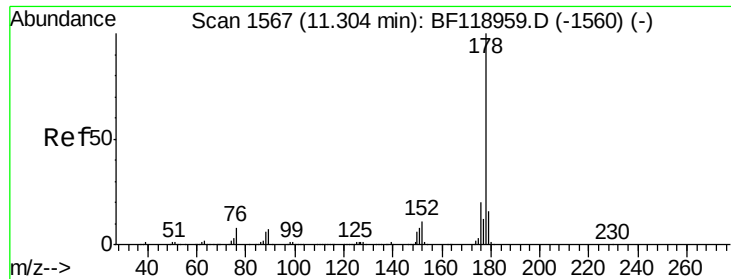


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

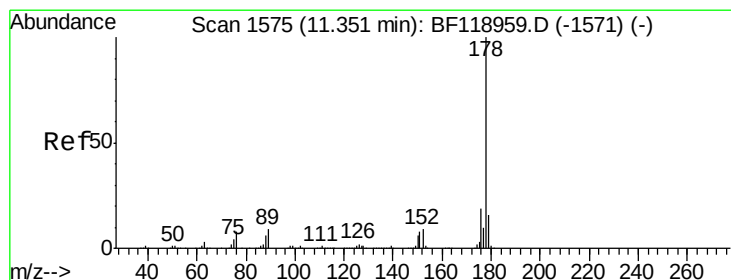
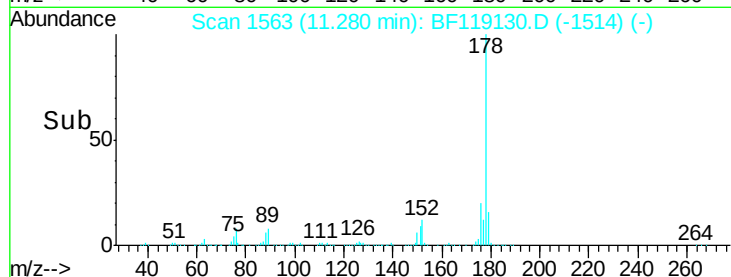
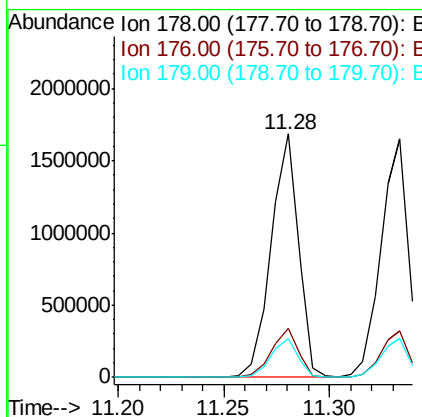
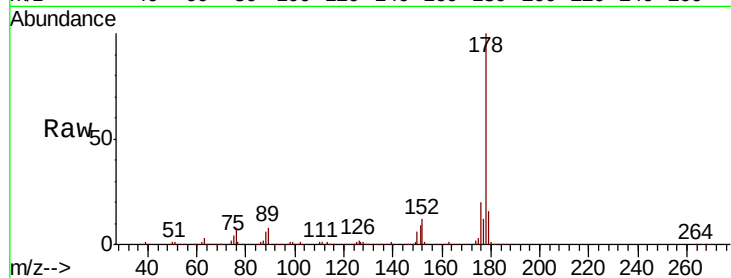




#71
Phenanthrene
Concen: 39.704 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

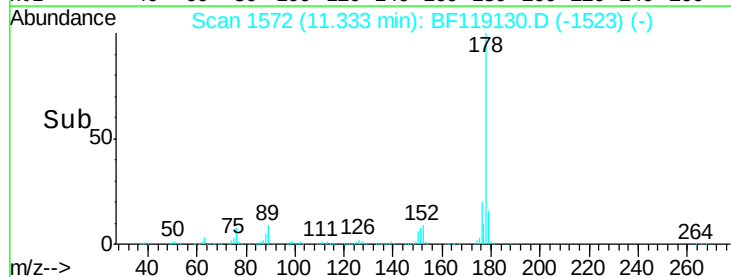
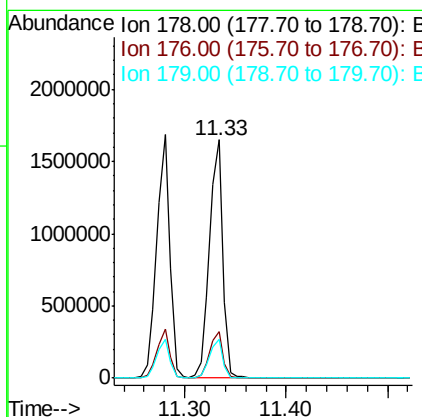
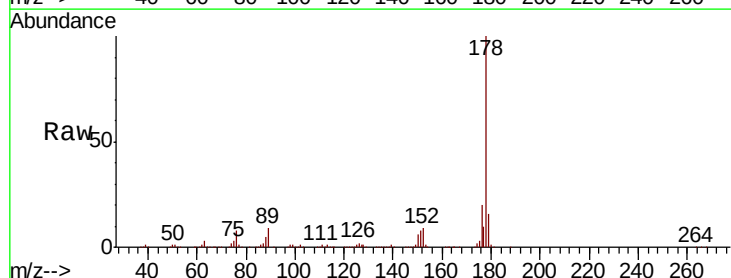
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

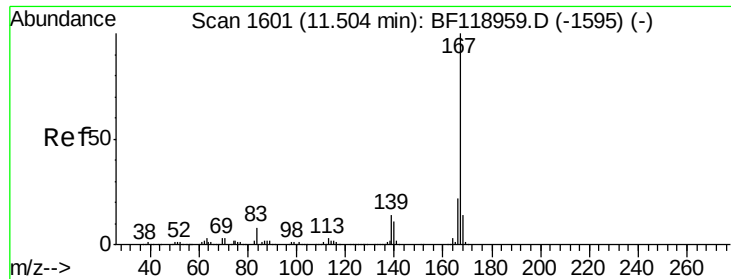
Tot Ion:178 Resp: 1527773
Ion Ratio Lower Upper
178 100
176 20.3 16.5 24.7
179 16.0 13.0 19.6



#72
Anthracene
Concen: 39.379 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:178 Resp: 1514034
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.2 13.1 19.7



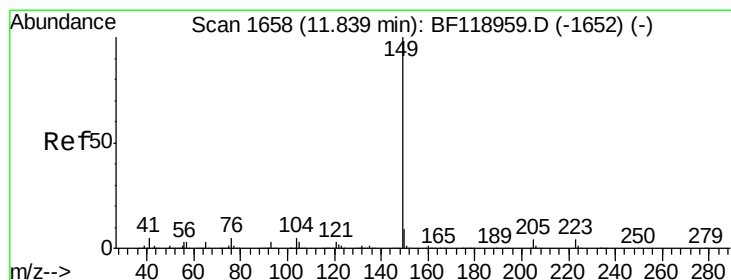
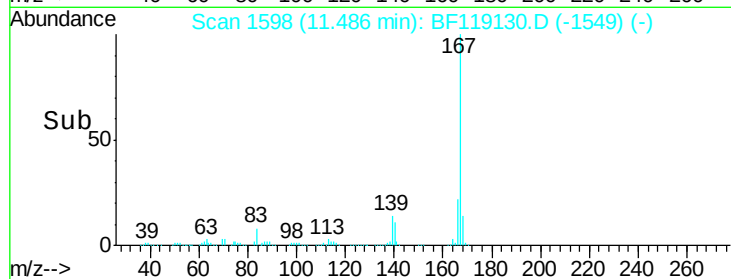
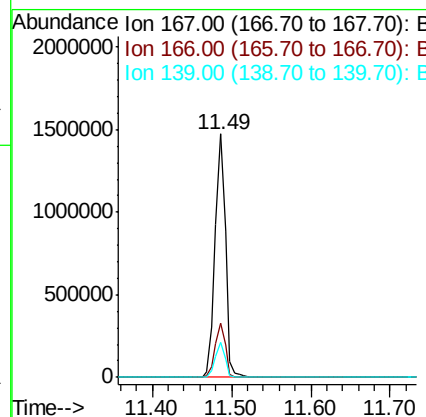
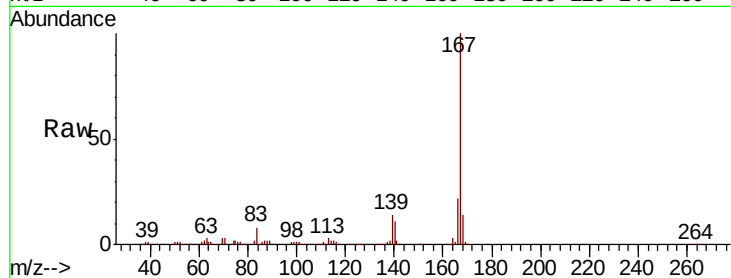


#73
 Carbazole
 Concen: 39.211 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1343030

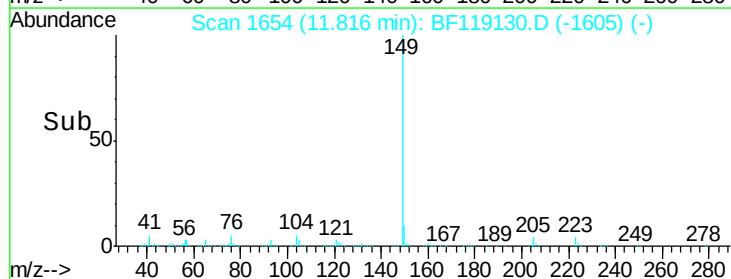
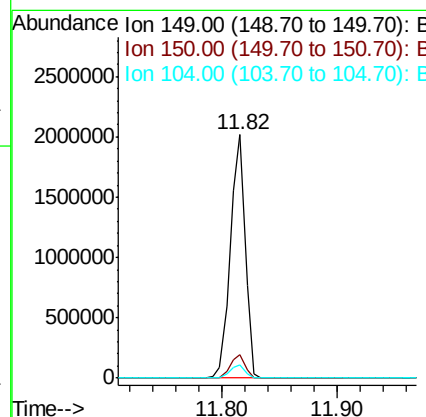
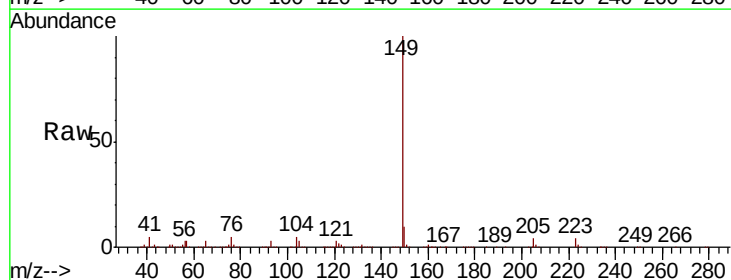
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.2	11.7	17.5

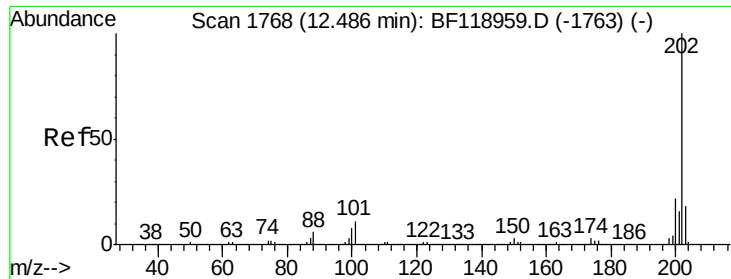


#74
 Di-n-butylphthalate
 Concen: 43.234 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion:149 Resp: 1793299

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.2	4.6	6.8

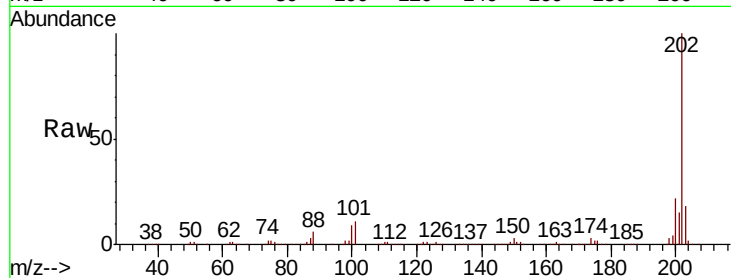




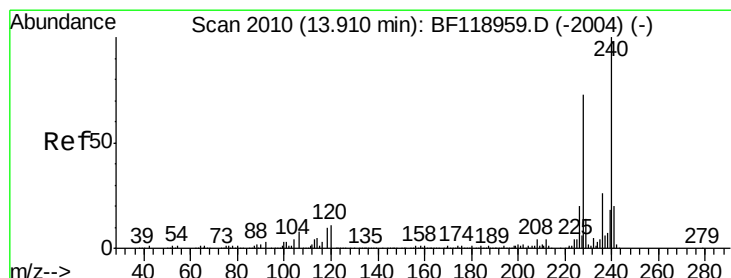
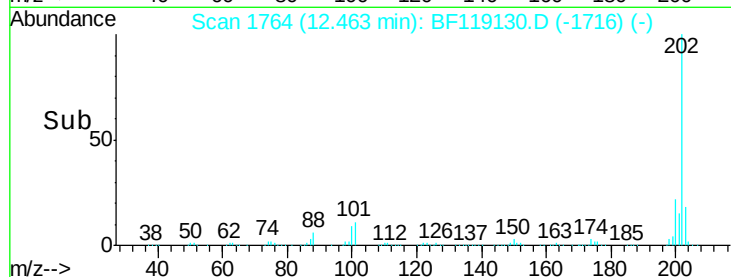
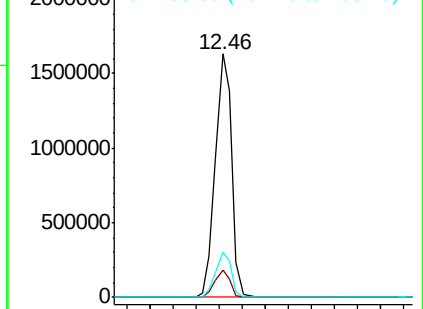
#75
Fluoranthene
Concen: 39.138 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1598575
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.3
203 18.4 0.0 38.4

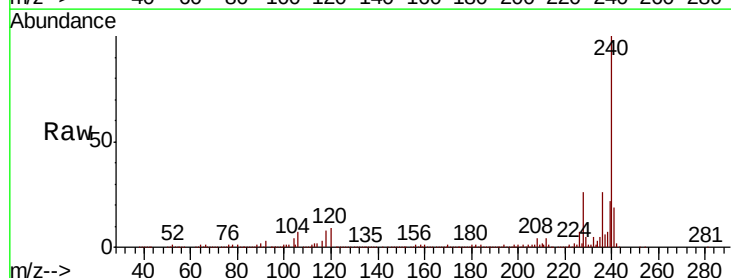


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

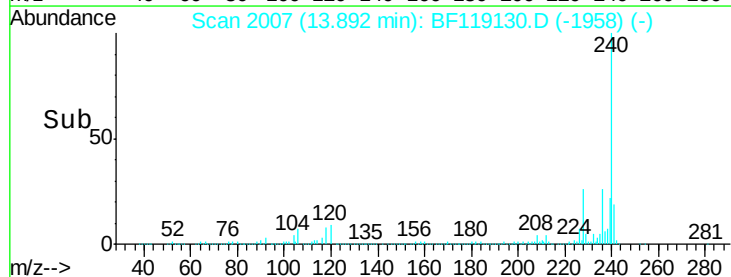
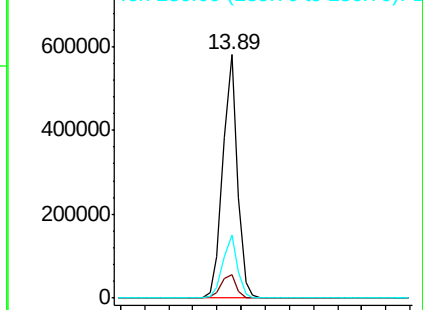


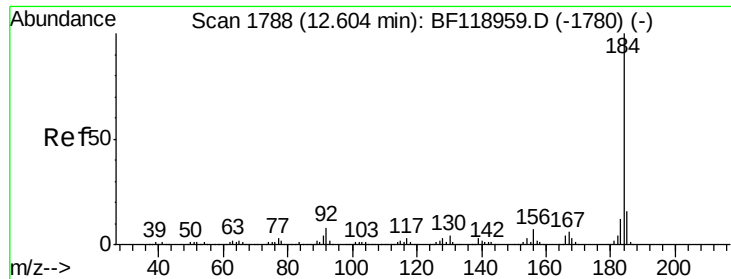
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:240 Resp: 482465
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.9 21.0 31.4



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: 32.837 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

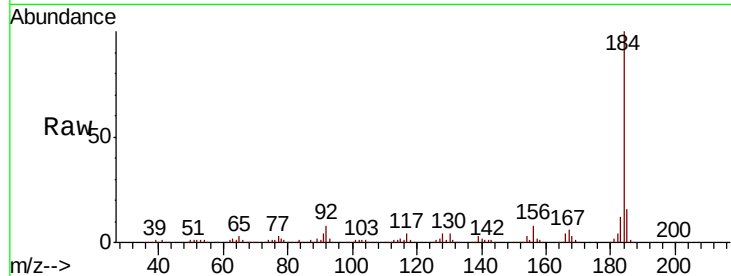
Tot Ion:184 Resp: 644301

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.4

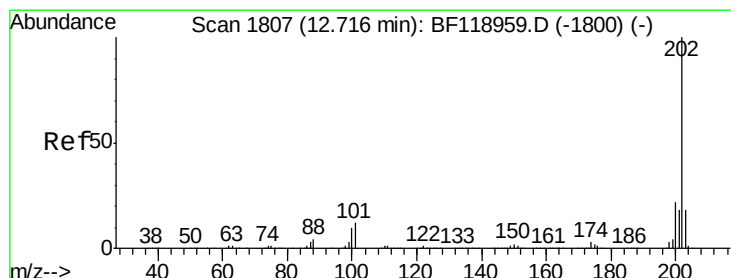
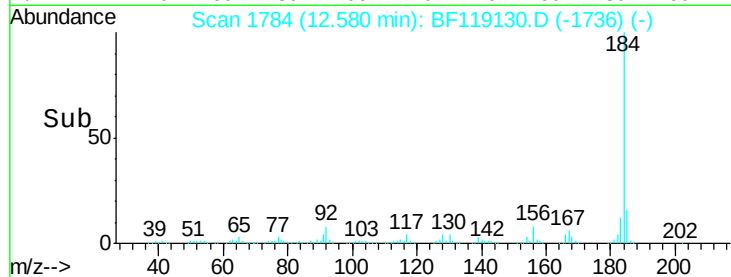
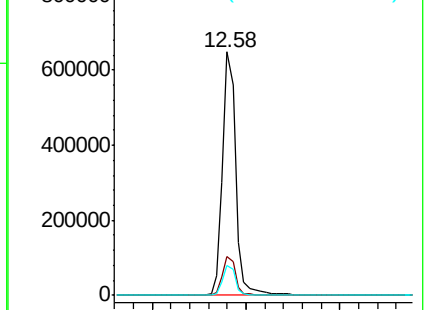
183 12.5 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.814 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

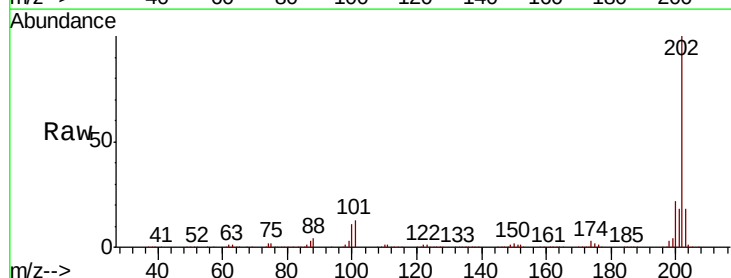
Tgt Ion:202 Resp: 1581187

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

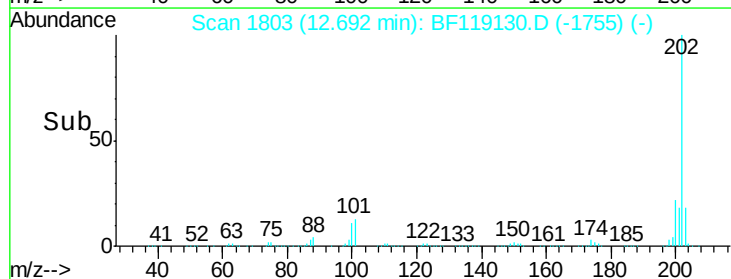
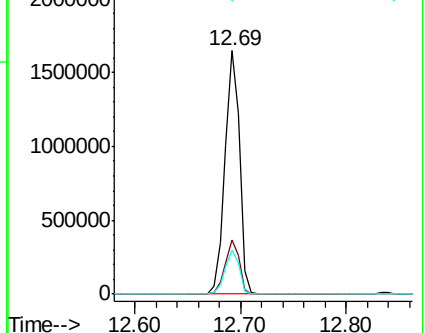
203 18.0 14.6 22.0

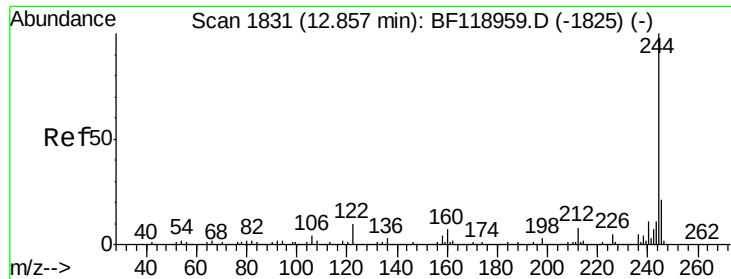


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.981 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

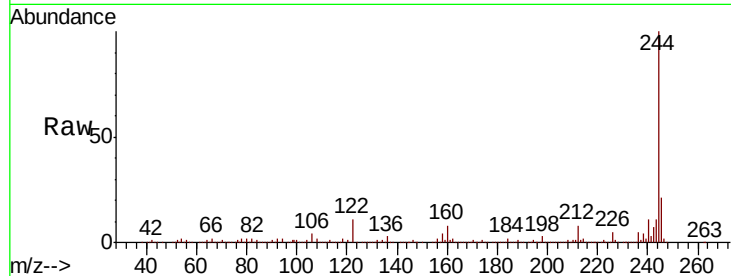
Tot Ion:244 Resp: 2381428

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

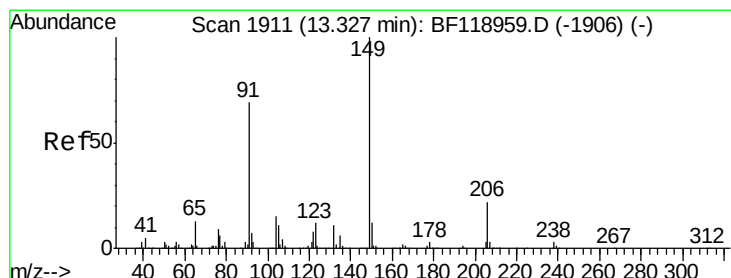
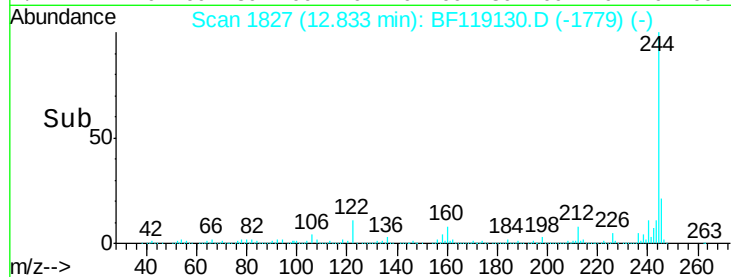
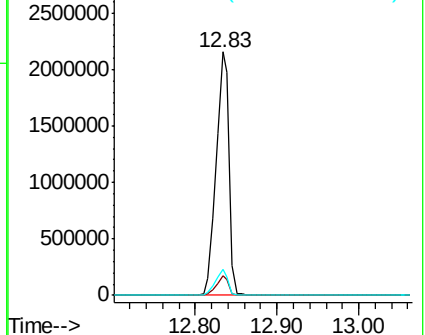
122 10.6 8.2 12.2



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: 45.069 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

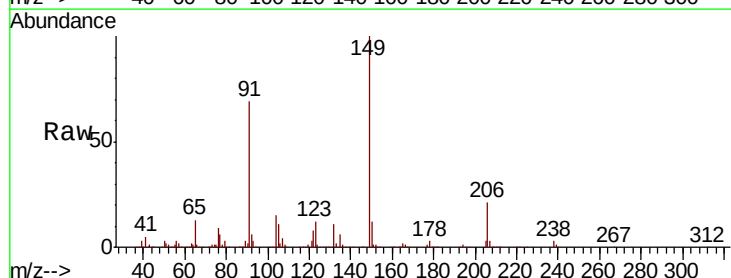
Tgt Ion:149 Resp: 734853

Ion Ratio Lower Upper

149 100

91 68.6 52.3 78.5

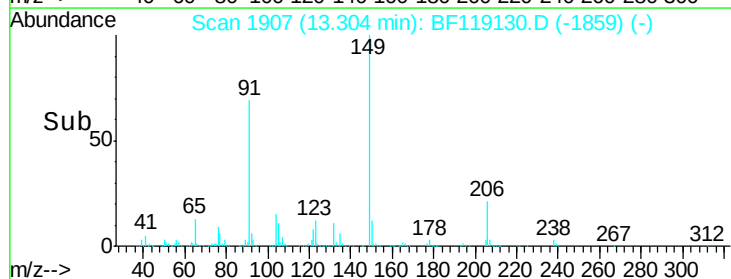
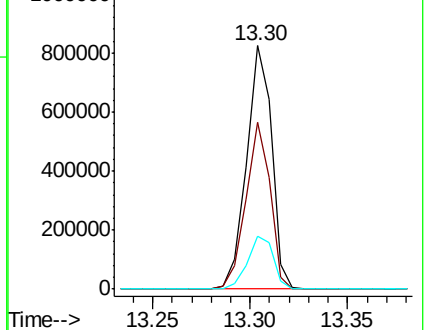
206 21.5 18.5 27.7

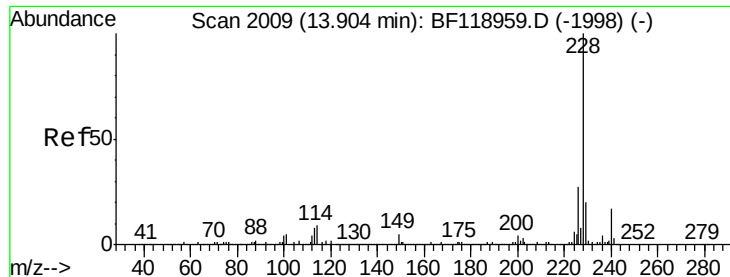


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.510 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

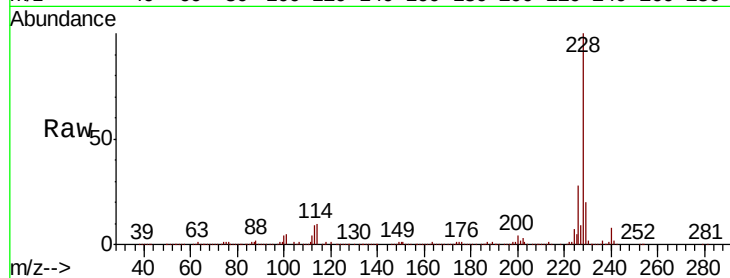
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1331704

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.5	16.6	24.8

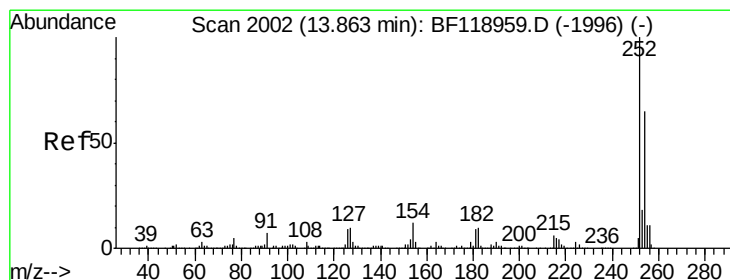
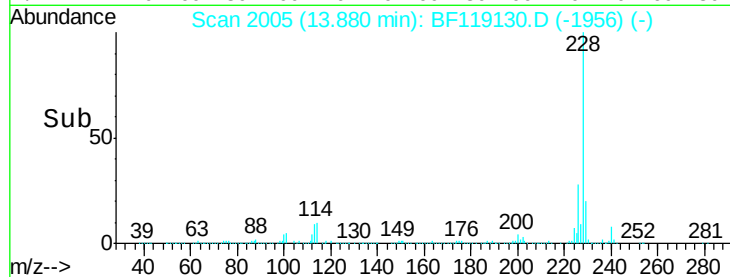
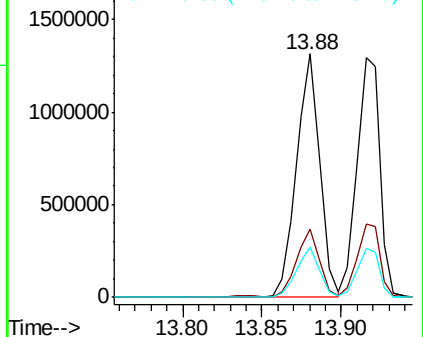


Abundance

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: 40.763 ng

RT: 13.84 min Scan# 1998

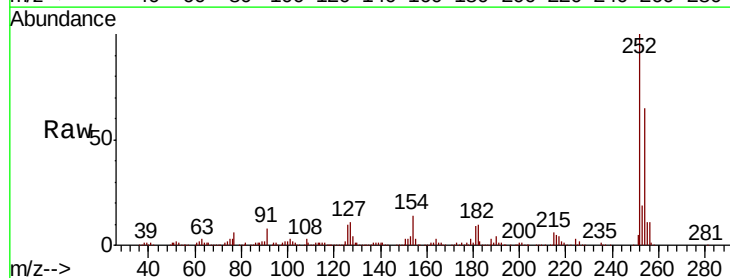
Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Tgt Ion:252 Resp: 520338

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.6	77.4
126	10.4	7.4	11.0

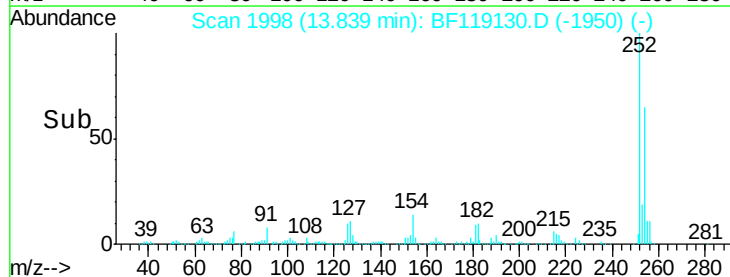
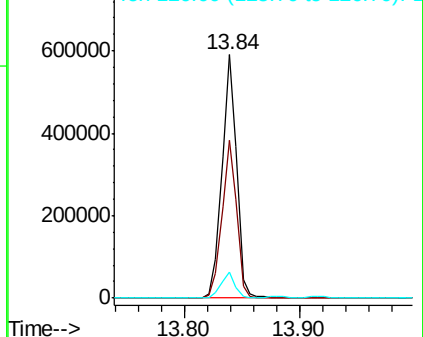


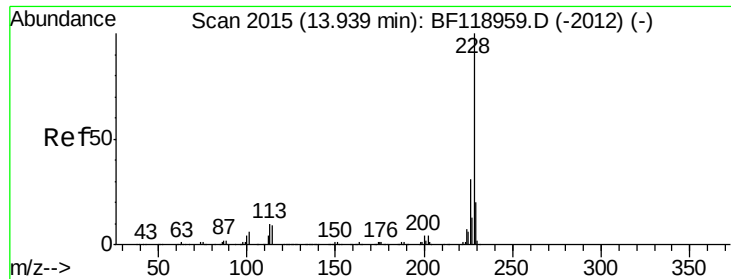
Abundance

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

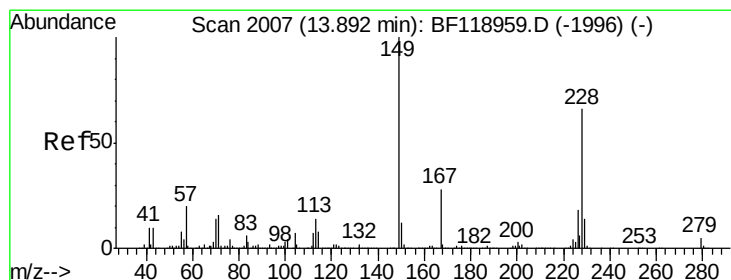
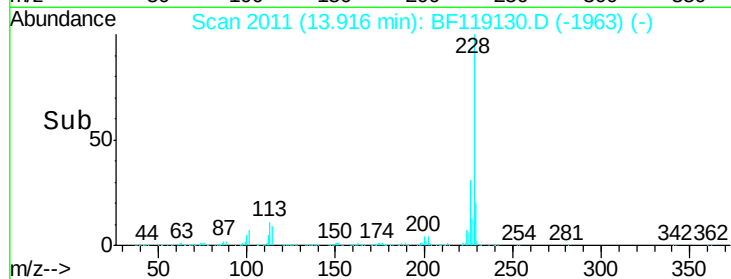
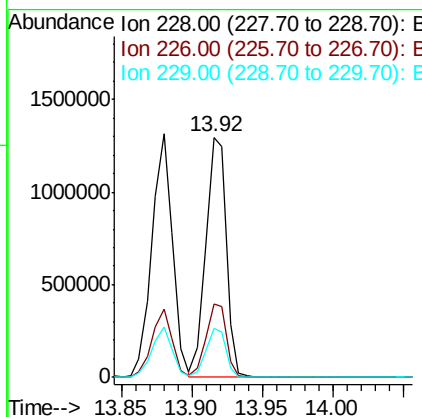
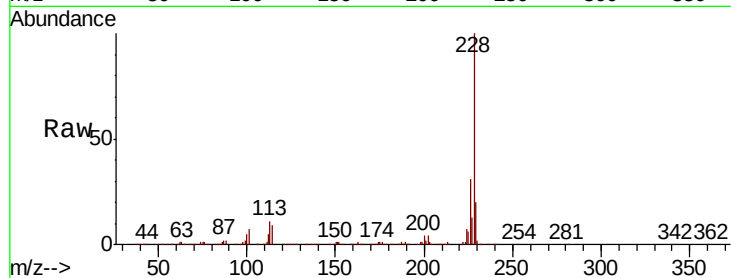




#83
 Chrysene
 Concen: 39.874 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

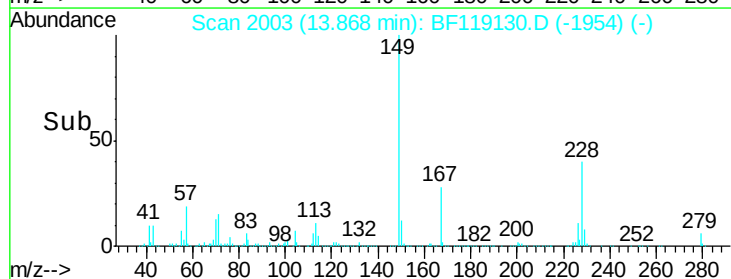
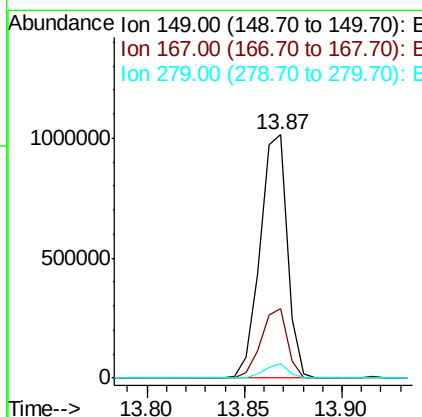
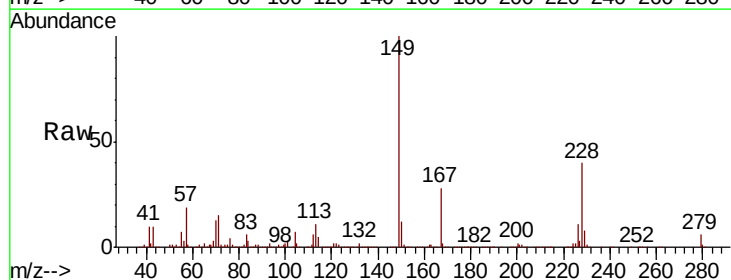
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

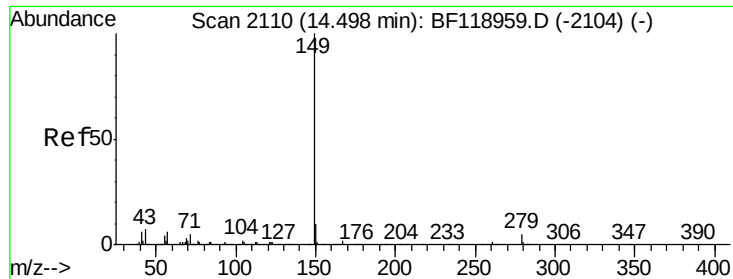
Tot Ion:228 Resp: 1306101
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.1 37.7
 229 20.5 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.767 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 14:10

Tgt Ion:149 Resp: 983958
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.7 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 46.099 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

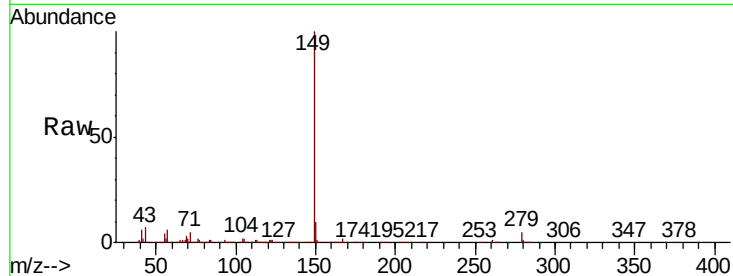
Tot Ion:149 Resp: 1513021

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.9	5.7	8.5

149 100

167 1.6 1.3 1.9

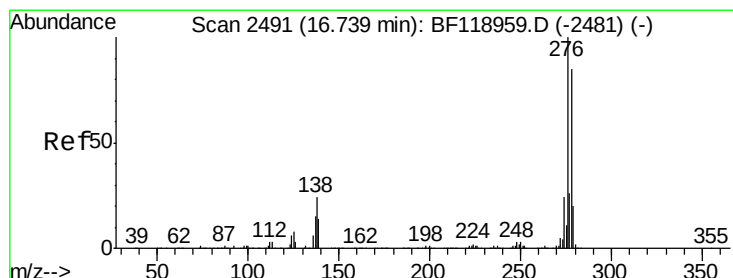
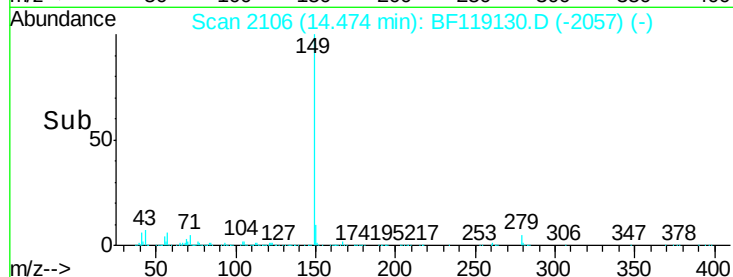
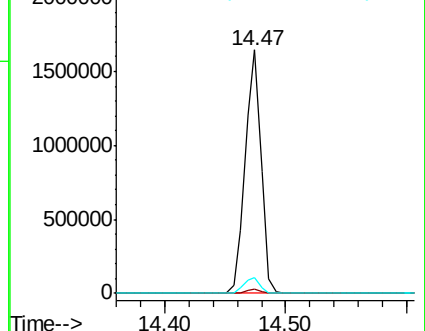
43 6.9 5.7 8.5



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: 33.866 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

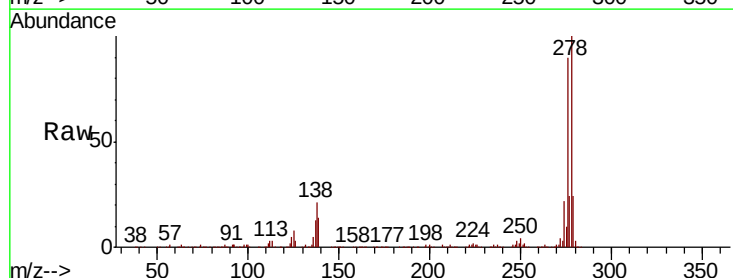
Tgt Ion:276 Resp: 1074102

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.4	26.0
277	25.6	20.3	30.5

276 100

138 21.6 17.4 26.0

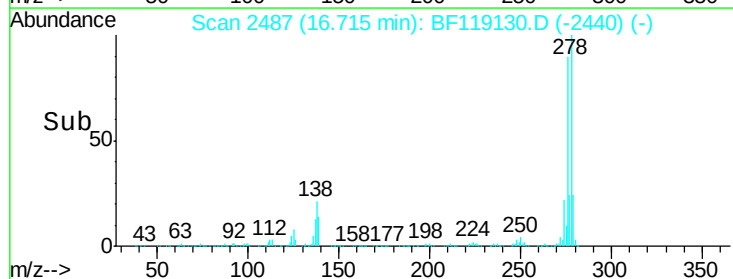
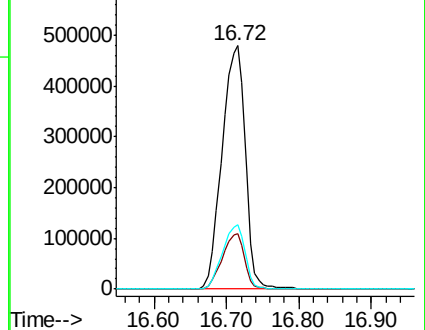
277 25.6 20.3 30.5

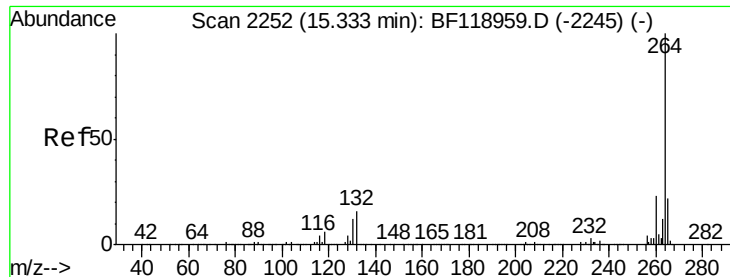


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

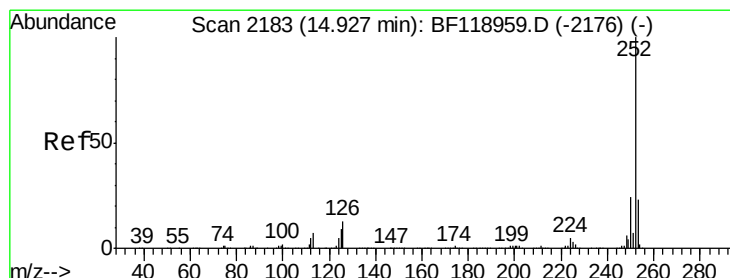
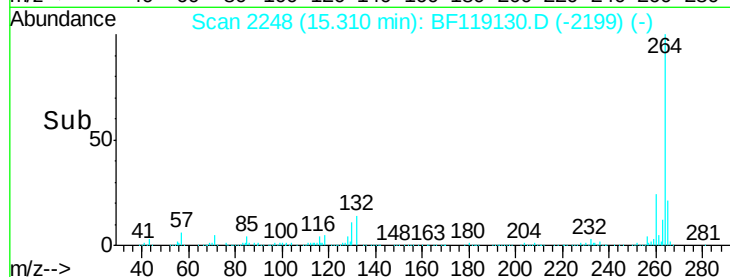
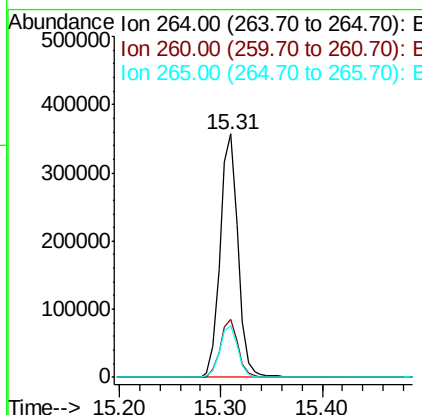
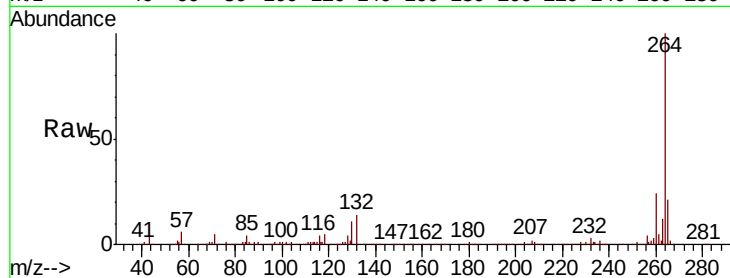




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

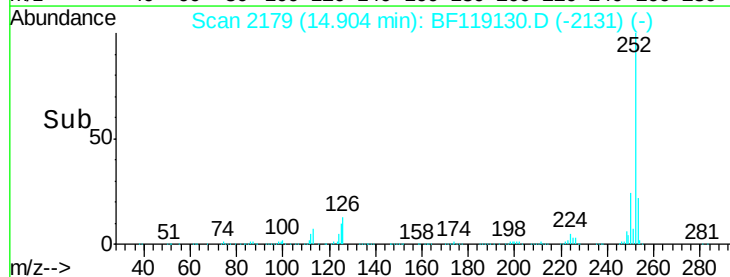
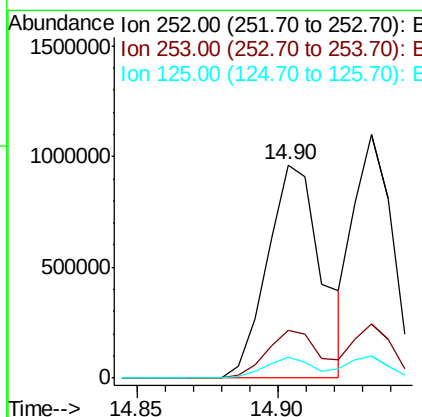
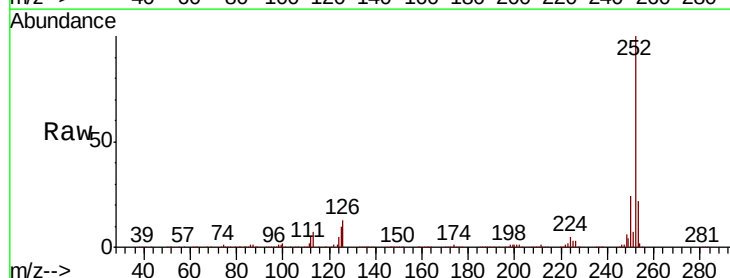
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

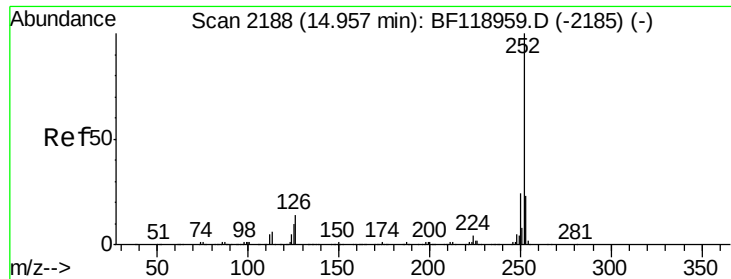
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 44.612 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.8	7.4	11.0

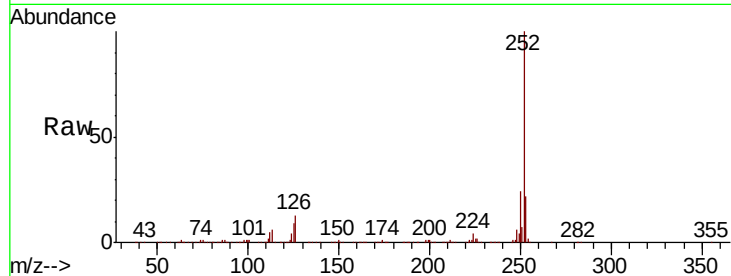




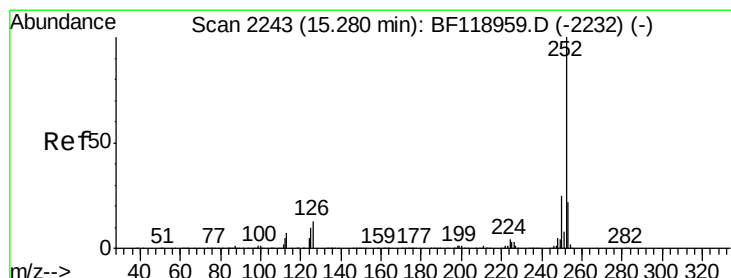
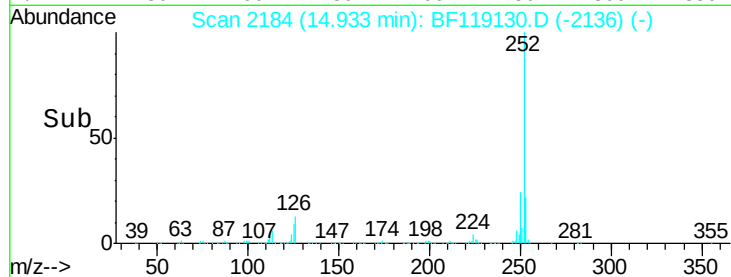
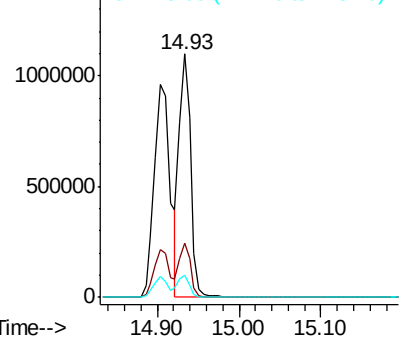
#89
Benzo(k)fluoranthene
Concen: 39.597 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1057704
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.1 7.5 11.3

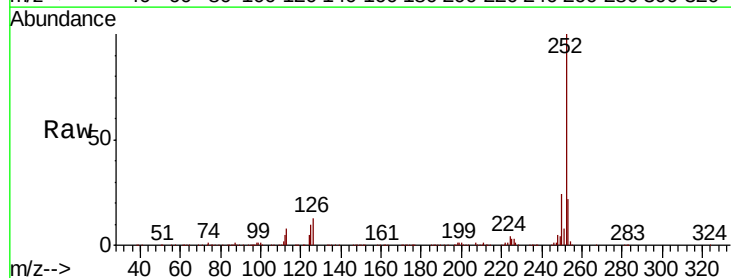


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

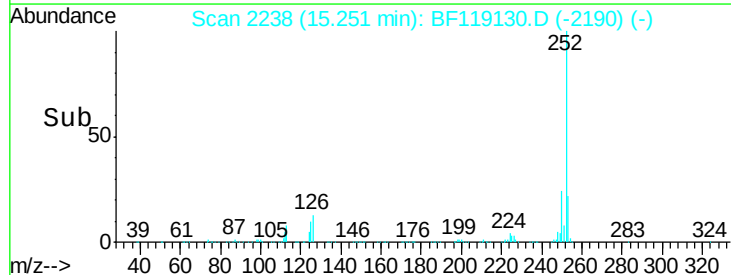
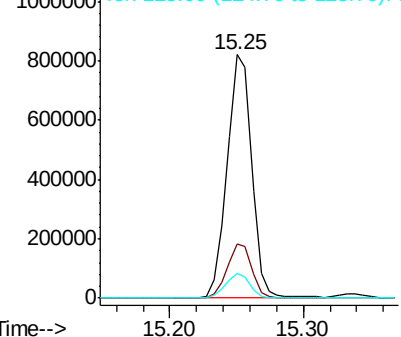


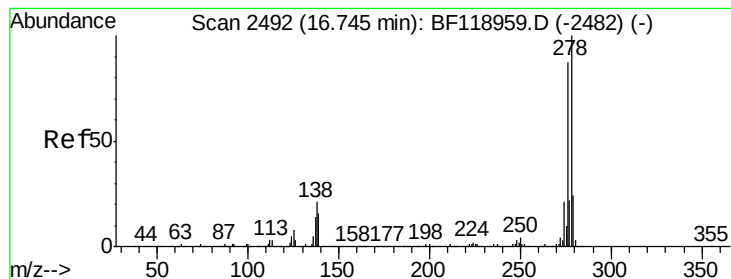
#90
Benzo(a)pyrene
Concen: 40.185 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 14:10

Tgt Ion:252 Resp: 1045365
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.4 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 38.754 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

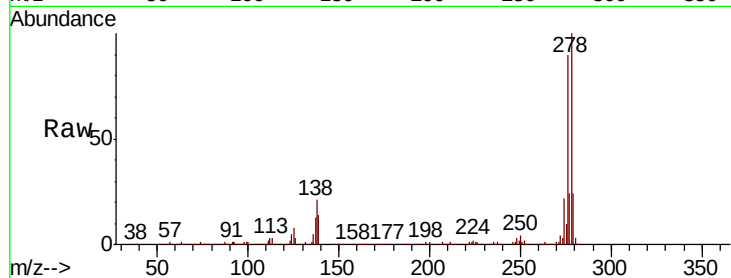
Tot Ion:278 Resp: 887051

Ion Ratio Lower Upper

278 100

139 14.3 11.0 16.4

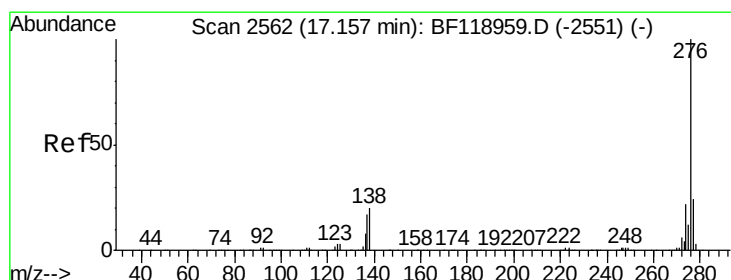
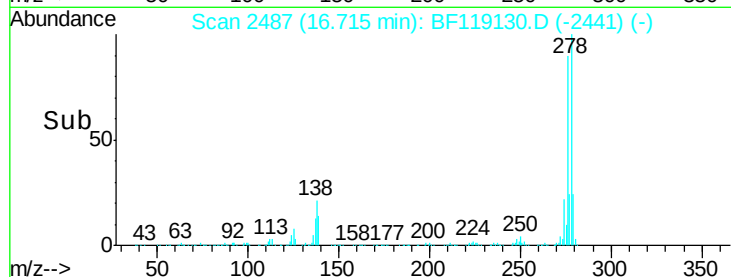
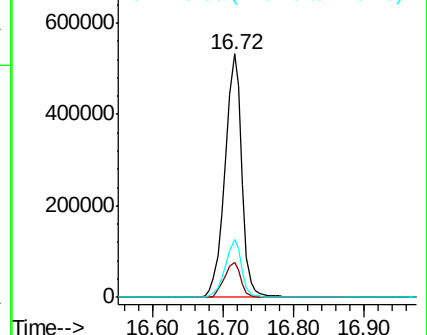
279 23.7 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.504 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 14:10

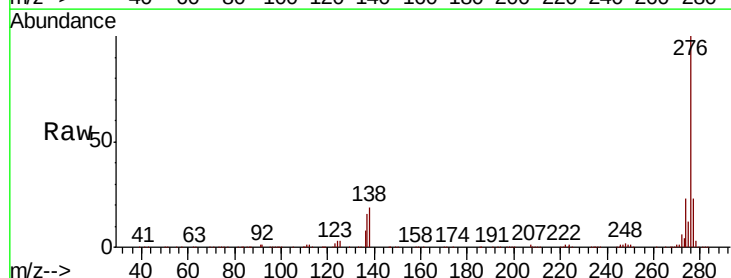
Tgt Ion:276 Resp: 848181

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 18.9 14.3 21.5



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

