

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119291.D
 Acq On : 9 Mar 2020 18:53
 Operator : CG/JU
 Sample : PB127239BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 21:22:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109768	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438067	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	259066	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	490850	20.00	ng	0.00
76) Chrysene-d12	13.89	240	359328	20.00	ng	0.00
87) Perylene-d12	15.32	264	290599	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	871033	132.61	ng	0.01
7) Phenol-d6	6.39	99	1054534	132.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	635984	76.65	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	419224	123.70	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1297673	73.79	ng	0.00
79) Terphenyl-d14	12.83	244	1657328	79.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	108149	36.981	ng	99
3) Pyridine	3.18	79	254832	31.907	ng	98
4) n-Nitrosodimethylamine	3.11	42	108629	44.899	ng	96
6) Aniline	6.39	93	334649	33.951	ng	# 84
8) 2-Chlorophenol	6.52	128	360918	50.916	ng	100
9) Benzaldehyde	6.28	77	137208	25.708	ng	97
10) Phenol	6.40	94	428515	49.615	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	320165	48.449	ng	97
12) 1,3-Dichlorobenzene	6.67	146	380477	44.783	ng	99
13) 1,4-Dichlorobenzene	6.74	146	388379	45.682	ng	99
14) 1,2-Dichlorobenzene	6.90	146	360225	46.459	ng	98
15) Benzyl Alcohol	6.88	79	299273	51.837	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	262999	45.943	ng	# 21
17) 2-Methylphenol	7.00	107	296963	51.673	ng	95
18) Hexachloroethane	7.23	117	139285	45.793	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	246679	52.995	ng	98
20) 3+4-Methylphenols	7.16	107	393446	55.880	ng	# 87
22) Acetophenone	7.14	105	494075	48.746	ng	# 95
24) Nitrobenzene	7.32	77	383012	46.682	ng	99
25) Isophorone	7.55	82	694508	48.200	ng	98
26) 2-Nitrophenol	7.63	139	204454	47.031	ng	96
27) 2,4-Dimethylphenol	7.67	122	318331	53.955	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	422351	45.033	ng	99
29) 2,4-Dichlorophenol	7.88	162	332346	47.850	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	350247	42.531	ng	98
31) Naphthalene	8.03	128	1048391	46.146	ng	99
32) Benzoic acid	7.85	122	162723	39.218	ng	99
33) 4-Chloroaniline	8.09	127	264470	27.065	ng	99
34) Hexachlorobutadiene	8.15	225	213242	41.571	ng	98
35) Caprolactam	8.47	113	63121	29.514	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	362225	51.531	ng	97
37) 2-Methylnaphthalene	8.72	142	730211	47.760	ng	99
38) 1-Methylnaphthalene	8.82	142	684626	47.614	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	364175	41.693	ng	100

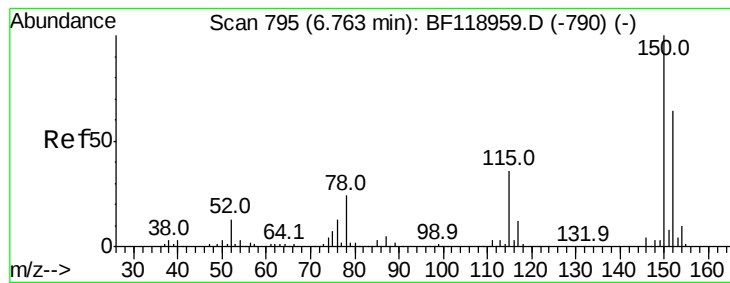
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119291.D
 Acq On : 9 Mar 2020 18:53
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	128734	45.130	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	233224	42.282	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	241527	41.728	nq	99
46) 1,1'-Biphenyl	9.19	154	896199	42.803	nq	99
47) 2-Chloronaphthalene	9.21	162	718131	42.562	nq	99
48) 2-Nitroaniline	9.32	65	213112	45.284	nq	96
49) Acenaphthylene	9.63	152	1088052	44.649	nq	99
50) Dimethylphthalate	9.49	163	890418	44.947	nq	100
51) 2,6-Dinitrotoluene	9.56	165	199619	45.355	nq #	84
52) Acenaphthene	9.80	154	651940	44.367	nq	100
53) 3-Nitroaniline	9.73	138	141396	28.979	nq	93
54) 2,4-Dinitrophenol	9.86	184	145393	69.093	nq	95
55) Dibenzofuran	9.97	168	970556	44.252	nq	99
56) 4-Nitrophenol	9.92	139	167961	57.293	nq	93
57) 2,4-Dinitrotoluene	9.97	165	253195	44.382	nq	88
58) Fluorene	10.31	166	794978	46.646	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	219866	45.018	nq	98
60) Diethylphthalate	10.19	149	874218	46.828	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	415315	46.038	nq	99
62) 4-Nitroaniline	10.35	138	185212	37.101	nq	96
63) Azobenzene	10.46	77	784138	48.323	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	134738	45.363	nq	98
66) n-Nitrosodiphenylamine	10.42	169	730427	45.447	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	278703	43.438	nq	99
68) Hexachlorobenzene	10.87	284	317476	42.918	nq	95
69) Atrazine	10.95	200	267072	47.560	nq	99
70) Pentachlorophenol	11.07	266	213210	71.551	nq	98
71) Phenanthrene	11.27	178	1186739	44.333	nq	98
72) Anthracene	11.33	178	1230344	46.001	nq	98
73) Carbazole	11.48	167	1071008	44.948	nq	99
74) Di-n-butylphthalate	11.80	149	1364009	47.270	nq	99
75) Fluoranthene	12.46	202	1277547	44.962	nq	98
77) Benzidine	12.58	184	348903	23.875	nq	98
78) Pyrene	12.69	202	1284296	44.511	nq	99
80) Butylbenzylphthalate	13.30	149	569697	46.913	nq	100
81) Benzo(a)anthracene	13.88	228	1137102	46.444	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	339403	35.700	nq	98
83) Chrysene	13.92	228	1069428	43.837	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	813276	53.010	nq	99
85) Di-n-octyl phthalate	14.46	149	1288752	52.722	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	881228	37.306	nq	100
88) Benzo(b)fluoranthene	14.91	252	989732	51.670	nq	99
89) Benzo(k)fluoranthene	14.94	252	947489	53.376	nq	99
90) Benzo(a)pyrene	15.26	252	834666	48.281	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	747197	49.122	nq	100
92) Benzo(g,h,i)perylene	17.14	276	724475	48.204	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

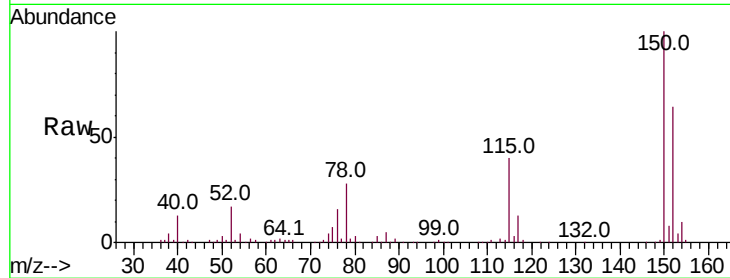
Tot Ion:152 Resp: 109768

Ion Ratio Lower Upper

152 100

150 155.7 123.0 184.6

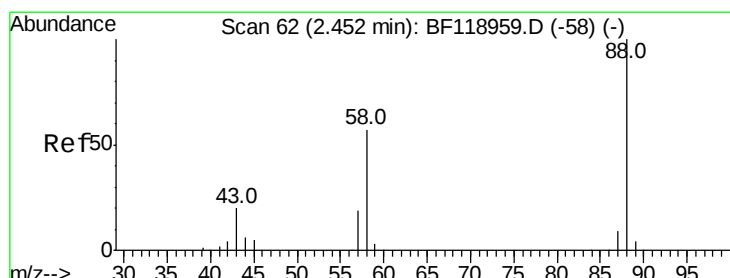
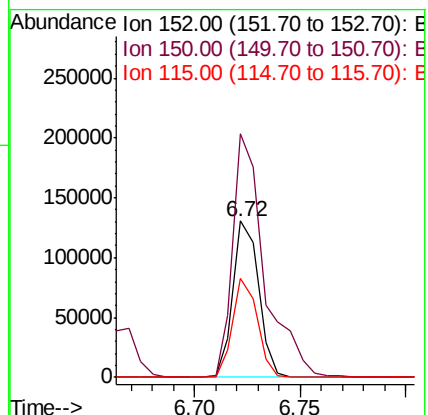
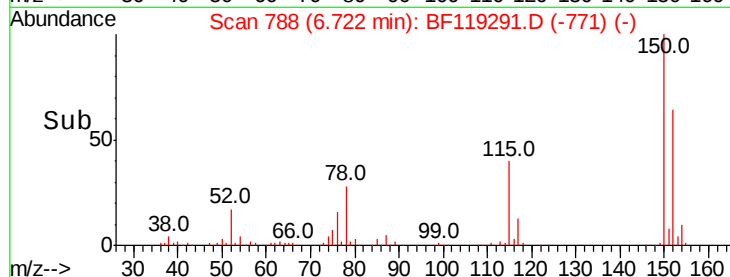
115 63.0 49.5 74.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.981 ng

RT: 2.43 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

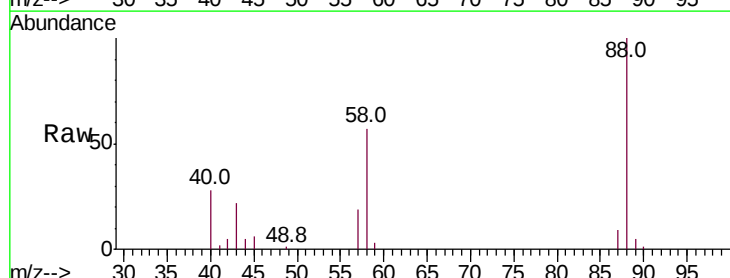
Tgt Ion: 88 Resp: 108149

Ion Ratio Lower Upper

88 100

58 55.6 43.8 65.6

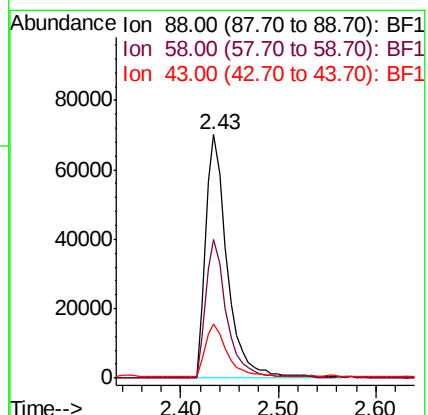
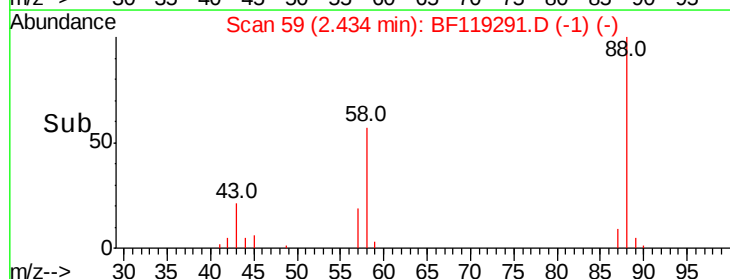
43 20.7 16.2 24.4

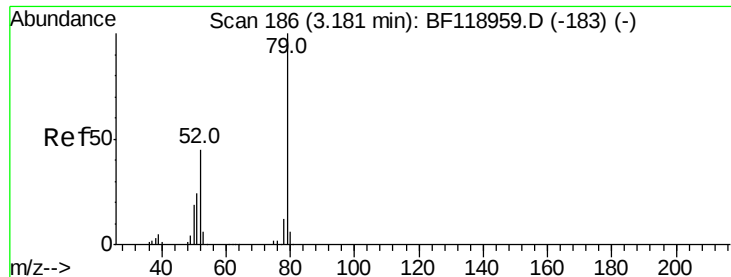


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

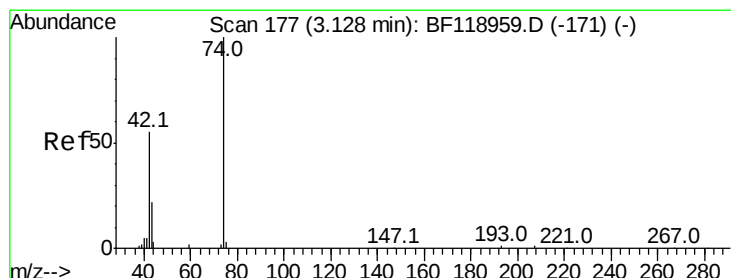
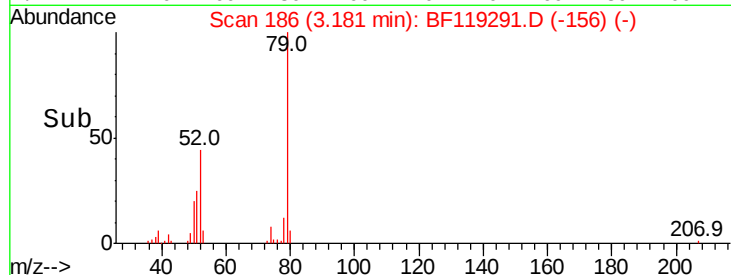
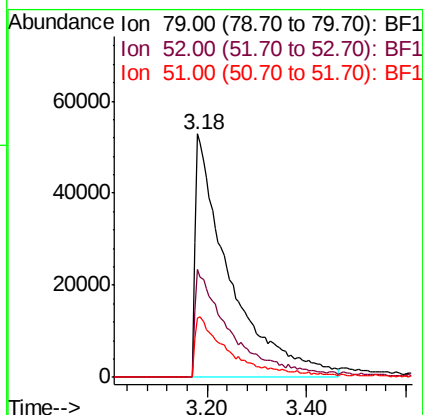
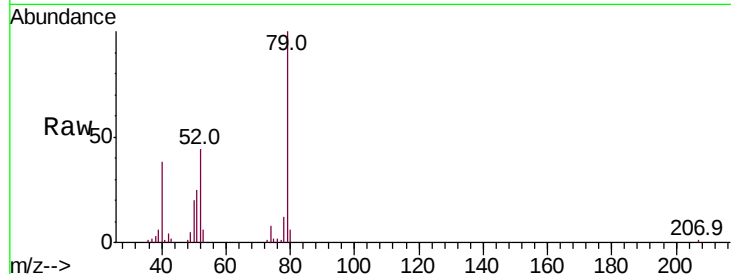




#3
 Pvridine
 Concen: 31.907 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.08 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

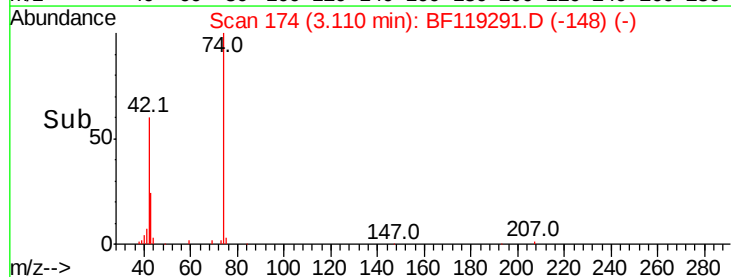
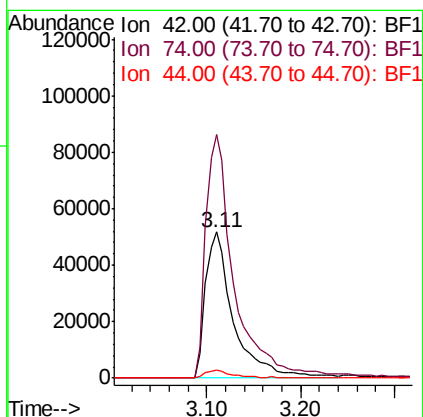
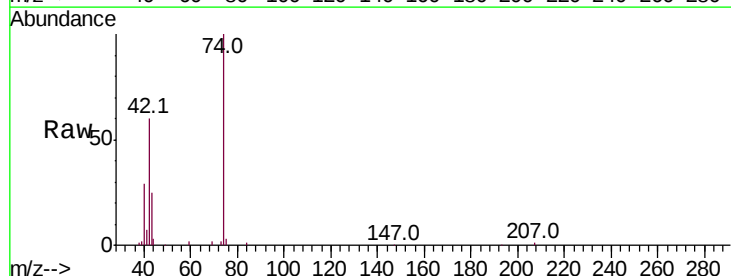
Instrument :
 BNA_F
 ClientSampleId :

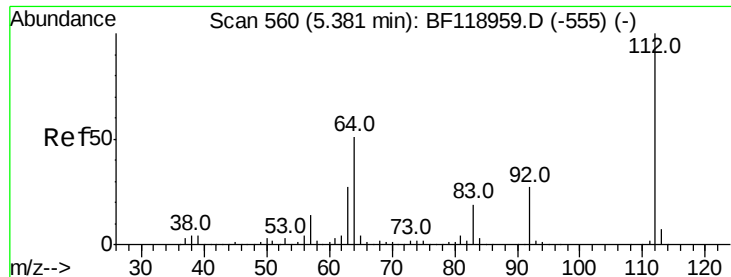
Tot Ion: 79 Resp: 254832
 Ion Ratio Lower Upper
 79 100
 52 44.5 37.4 56.0
 51 24.5 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 44.899 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.05 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion: 42 Resp: 108629
 Ion Ratio Lower Upper
 42 100
 74 166.5 137.7 206.5
 44 5.4 4.5 6.7





#5

2-Fluorophenol

Concen: 132.612 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

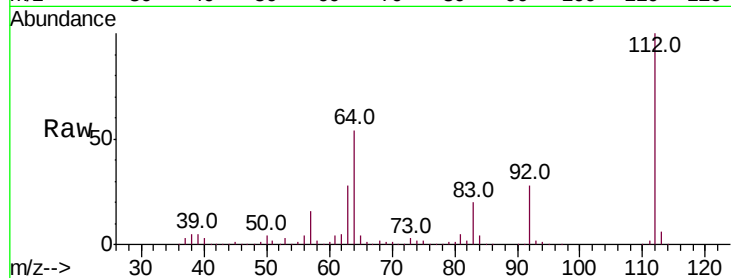
Tot Ion:112 Resp: 871033

Ion Ratio Lower Upper

112 100

64 54.0 45.0 67.4

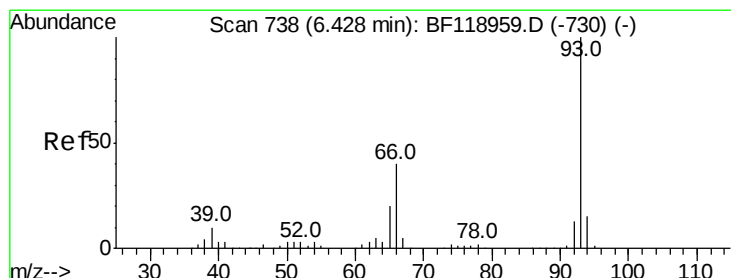
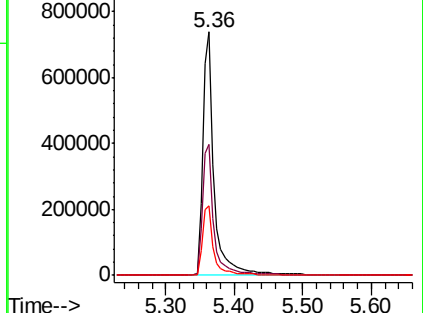
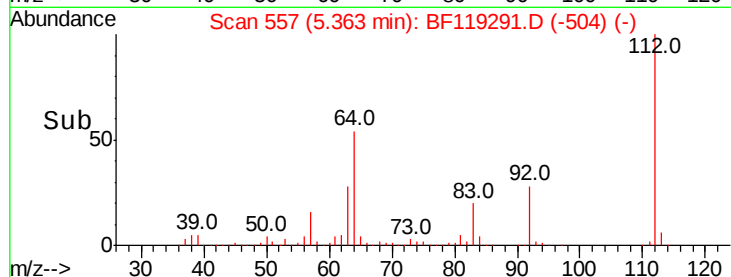
63 28.4 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.951 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

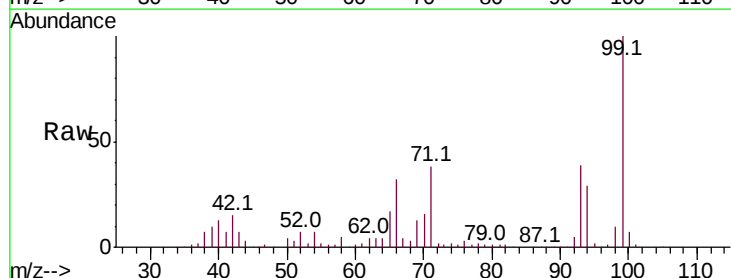
Tgt Ion: 93 Resp: 334649

Ion Ratio Lower Upper

93 100

66 80.4 74.5 111.7

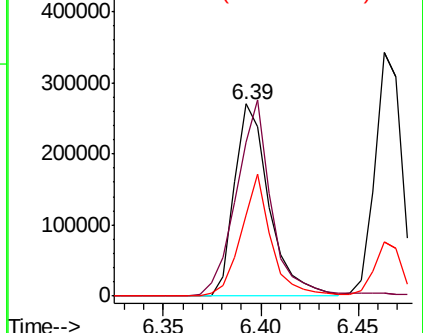
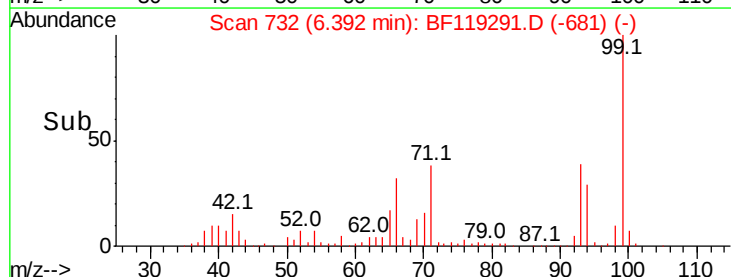
65 42.1 45.3 67.9#

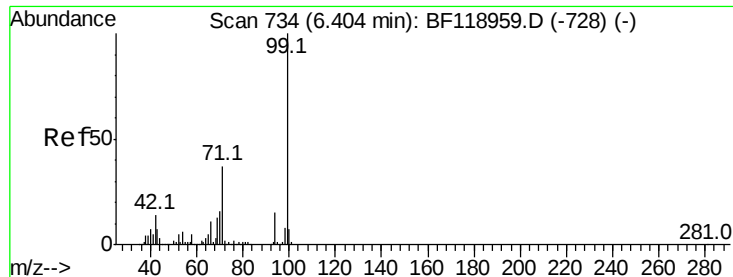


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.010 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

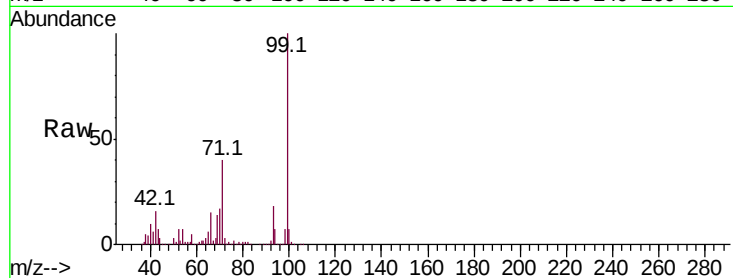
Tot Ion: 99 Resp: 1054534

Ion Ratio Lower Upper

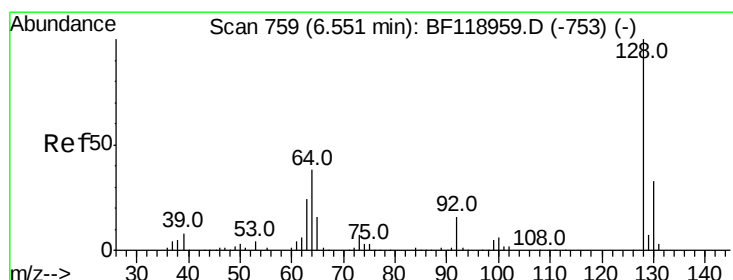
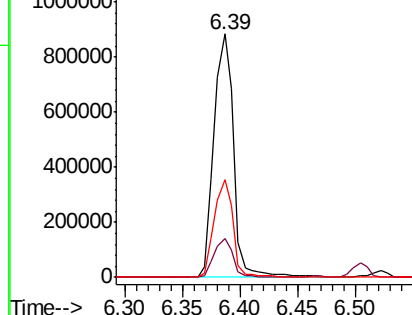
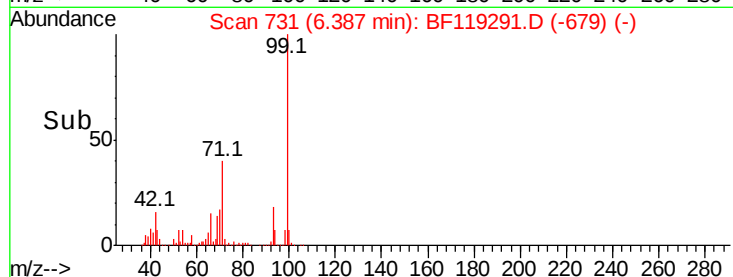
99 100

42 15.9 12.6 18.8

71 40.3 31.0 46.4



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



#8

2-Chlorophenol

Concen: 50.916 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

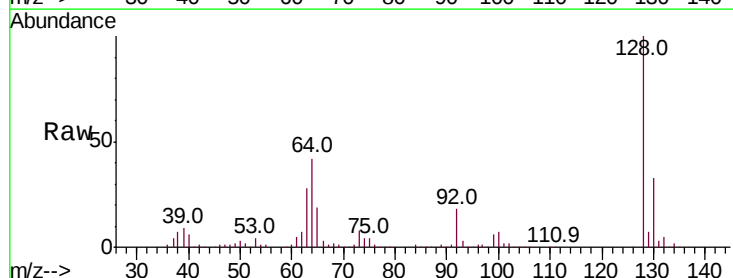
Tgt Ion: 128 Resp: 360918

Ion Ratio Lower Upper

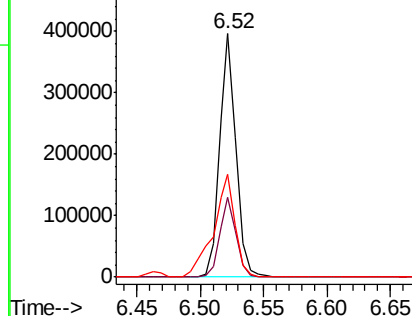
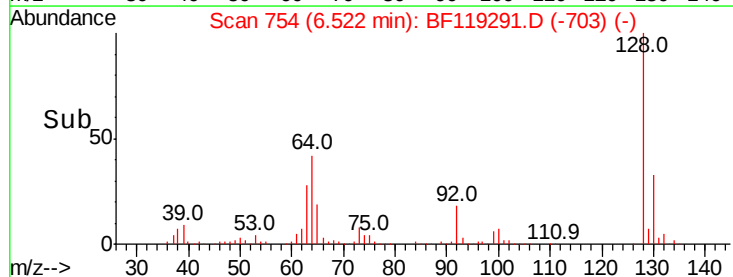
128 100

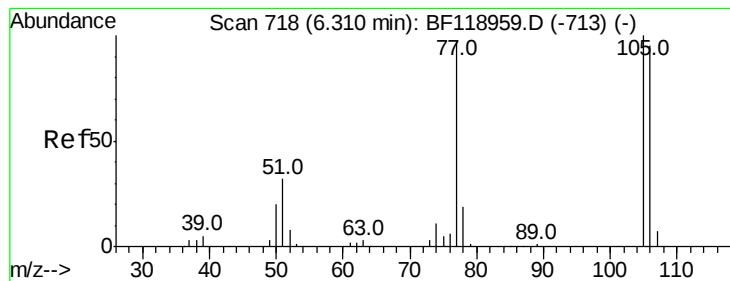
130 33.0 12.7 52.7

64 42.2 22.3 62.3



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





#9

Benzaldehyde

Concen: 25.708 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

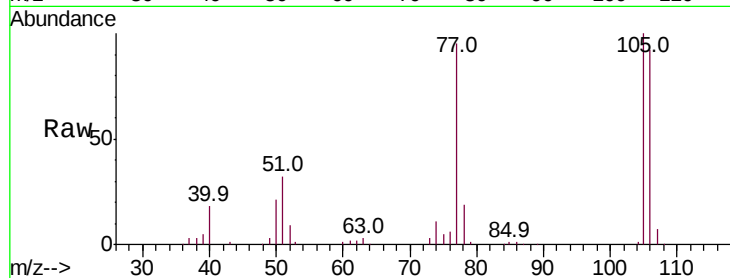
Tot Ion: 77 Resp: 137208

Ion Ratio Lower Upper

77 100

105 104.9 80.1 120.1

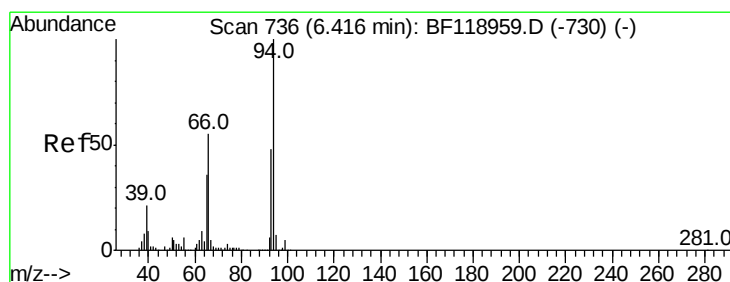
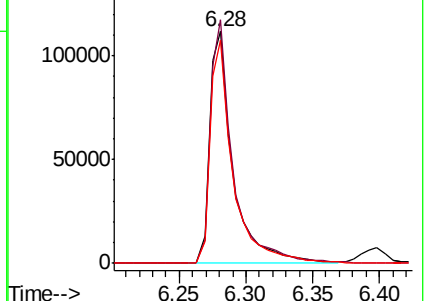
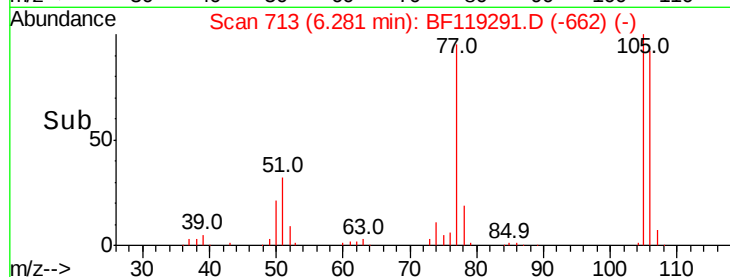
106 96.1 75.9 115.9



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: 49.615 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

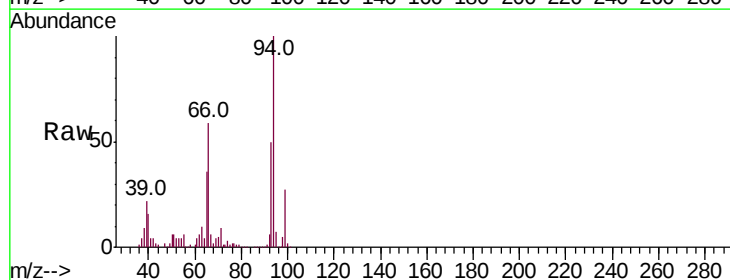
Tgt Ion: 94 Resp: 428515

Ion Ratio Lower Upper

94 100

65 36.3 19.2 59.2

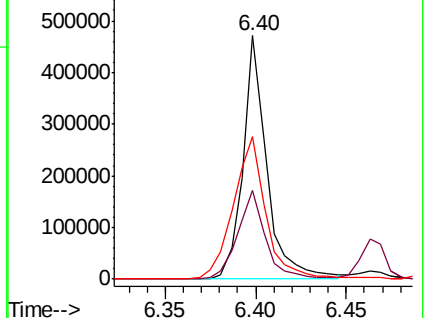
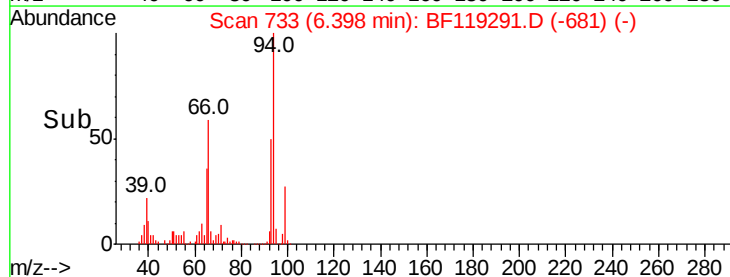
66 58.7 44.4 84.4

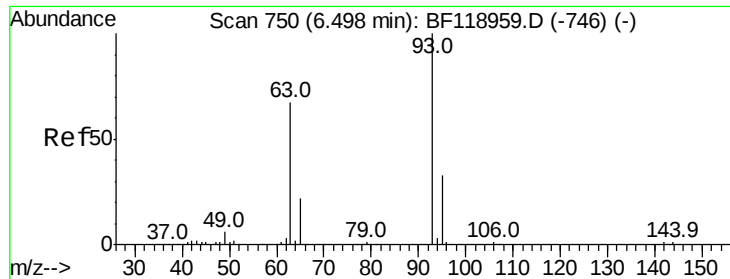


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

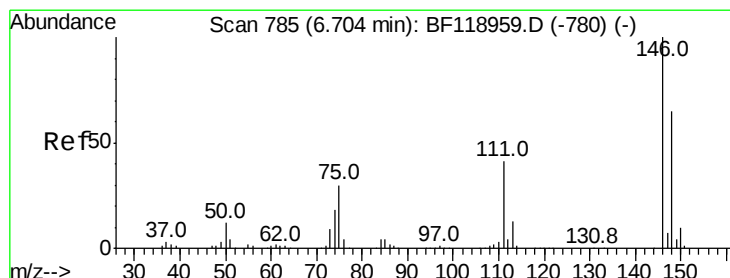
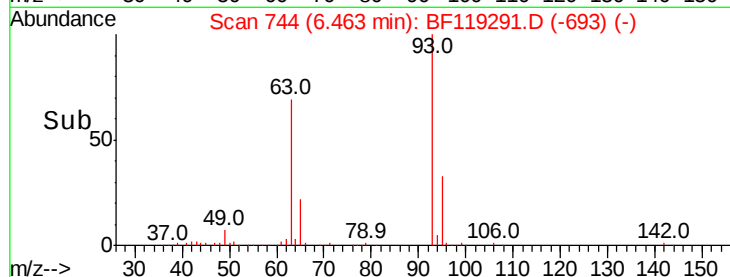
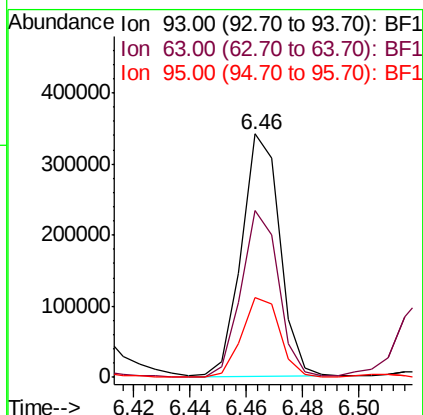
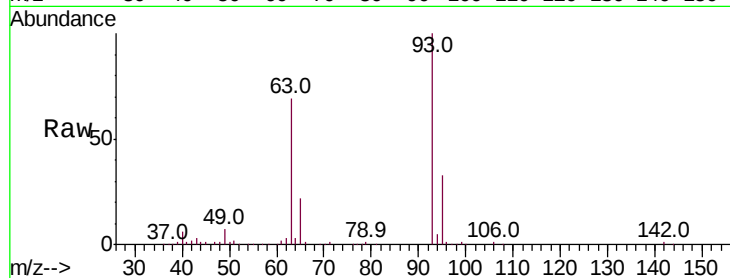




#11
bis(2-Chloroethyl)ether
Concen: 48.449 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

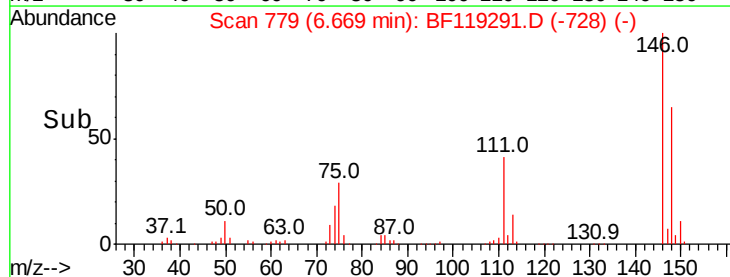
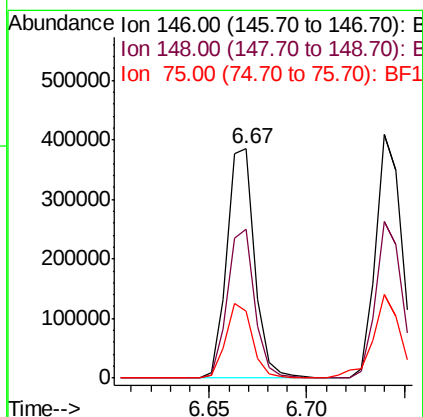
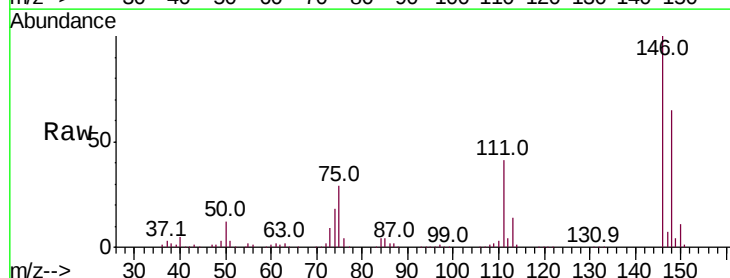
Instrument :
BNA_F
ClientSampleId :

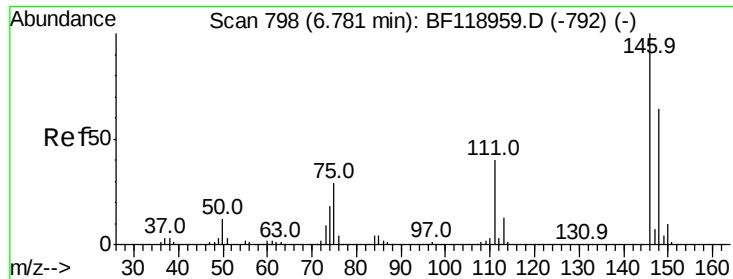
Tot Ion: 93 Resp: 320165
Ion Ratio Lower Upper
93 100
63 68.5 45.4 85.4
95 32.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.783 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion: 146 Resp: 380477
Ion Ratio Lower Upper
146 100
148 65.1 52.5 78.7
75 29.2 23.6 35.4

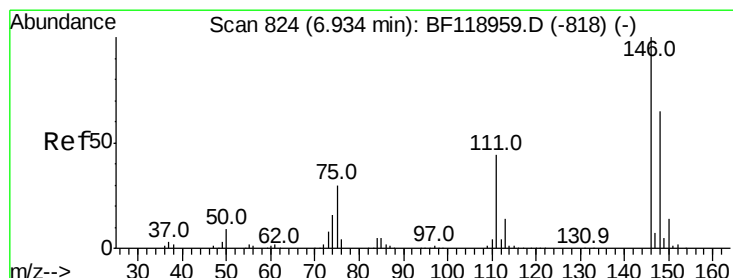
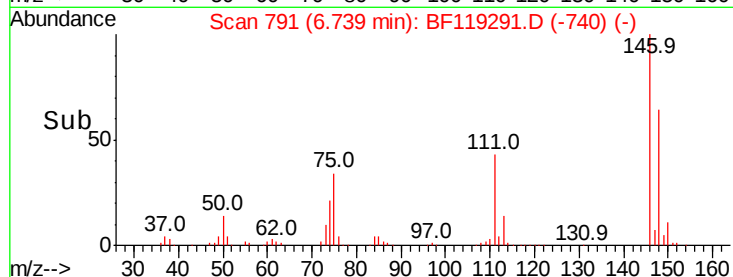
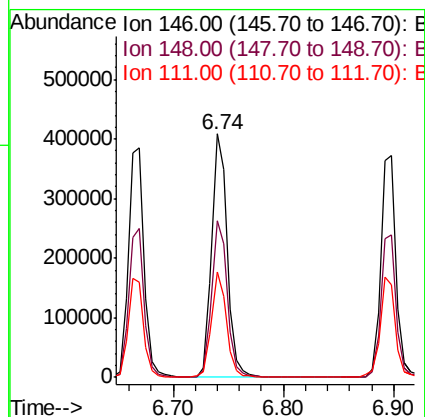
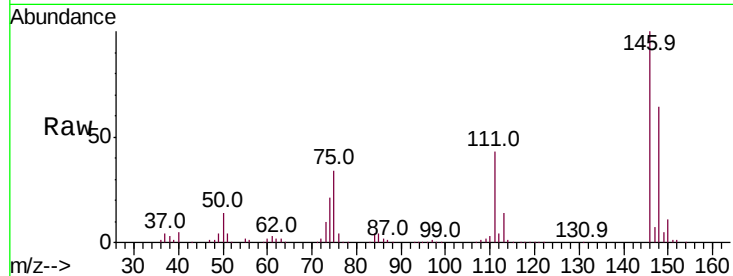




#13
 1,4-Dichlorobenzene
 Concen: 45.682 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

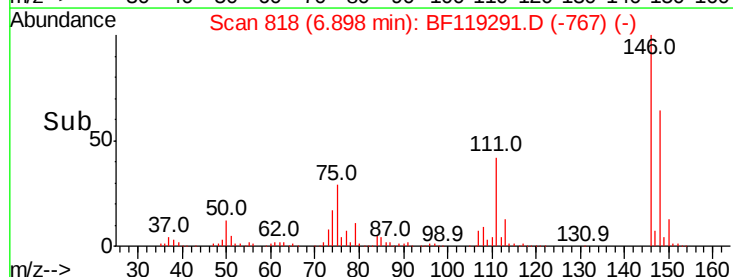
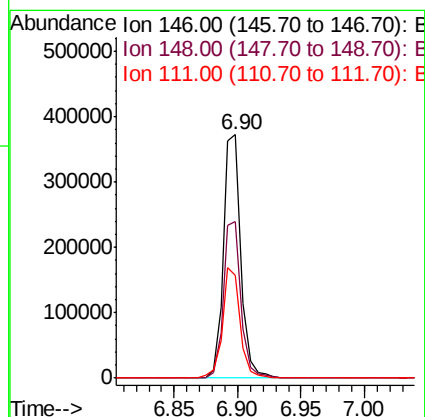
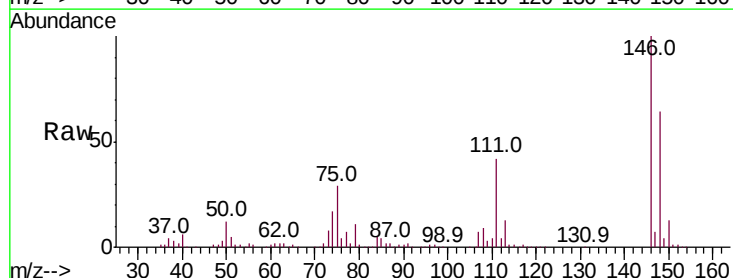
Instrument :
 BNA_F
 ClientSampleId :

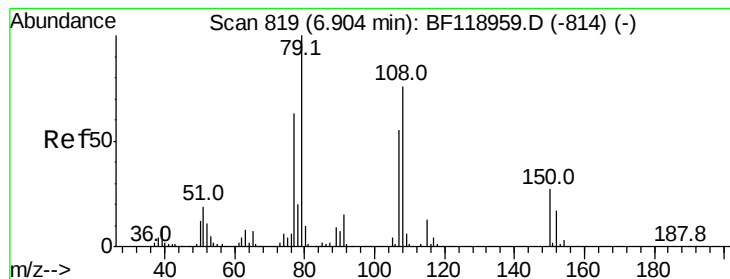
Tot Ion:146 Resp: 388379
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 43.1 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 46.459 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:146 Resp: 360225
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 42.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 51.837 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

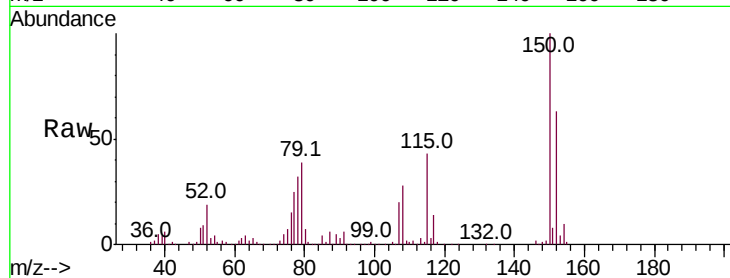
Tot Ion: 79 Resp: 299273

Ion Ratio Lower Upper

79 100

108 72.0 58.2 87.2

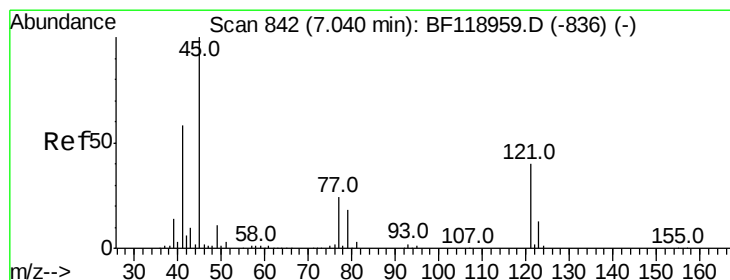
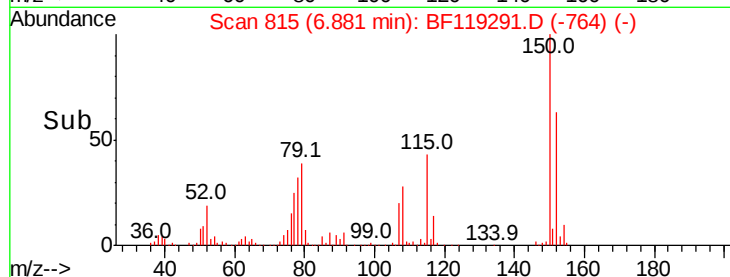
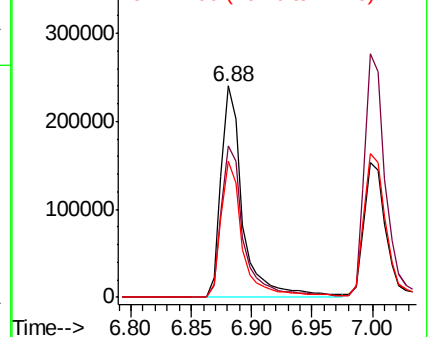
77 64.7 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.943 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

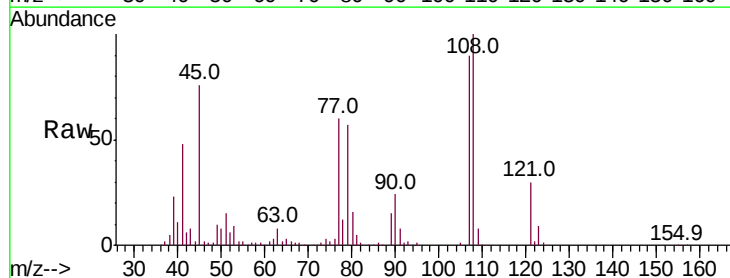
Tgt Ion: 45 Resp: 262999

Ion Ratio Lower Upper

45 100

77 78.3 15.0 55.0#

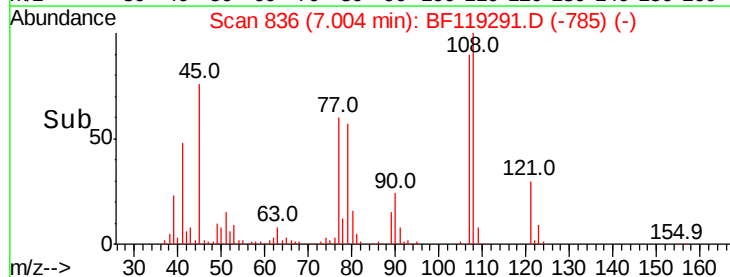
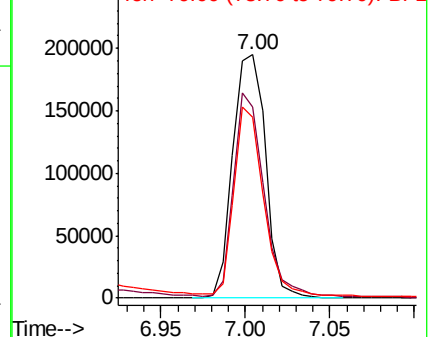
79 74.3 9.4 49.4#

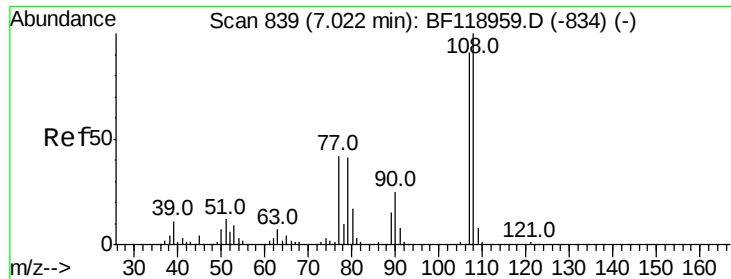


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

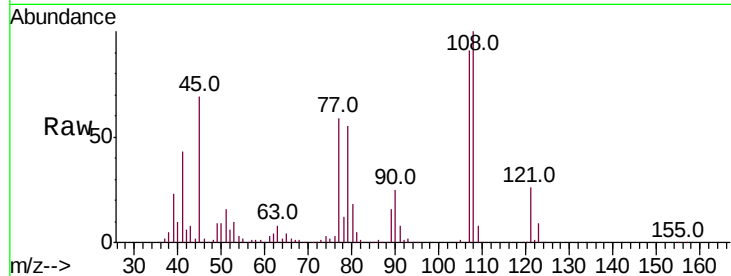




#17
2-Methylphenol
Concen: 51.673 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

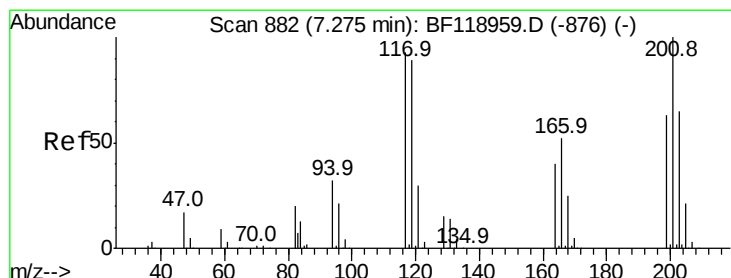
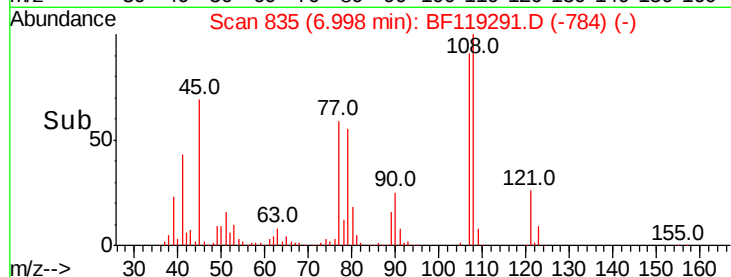
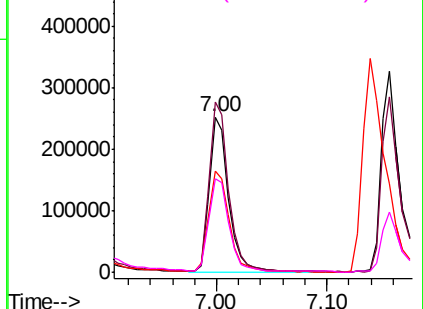
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 296963
Ion Ratio Lower Upper
107 100
108 109.5 87.9 131.9
77 64.8 45.3 67.9
79 60.4 43.0 64.4



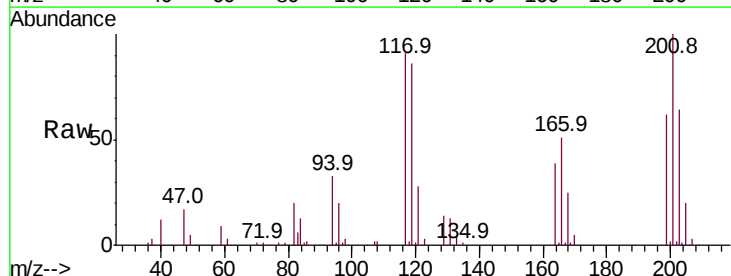
Abundance

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



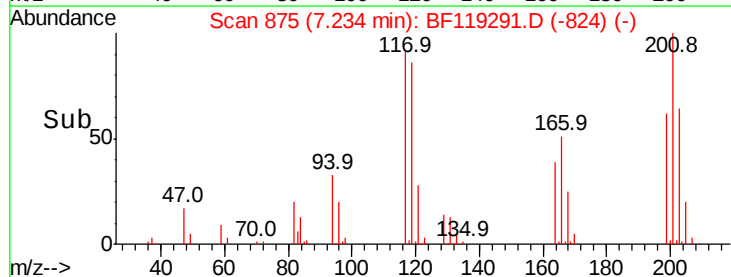
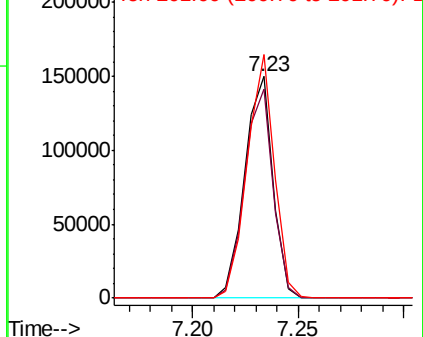
#18
Hexachloroethane
Concen: 45.793 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

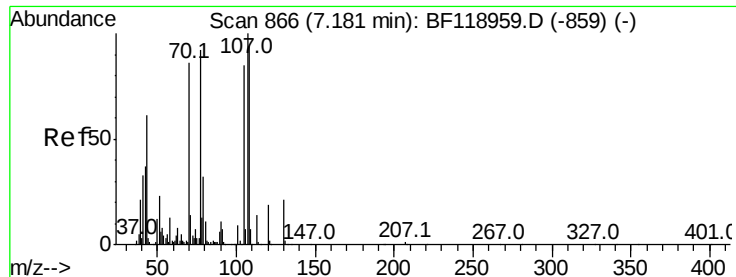
Tgt Ion:117 Resp: 139285
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
201 109.8 82.6 123.8



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

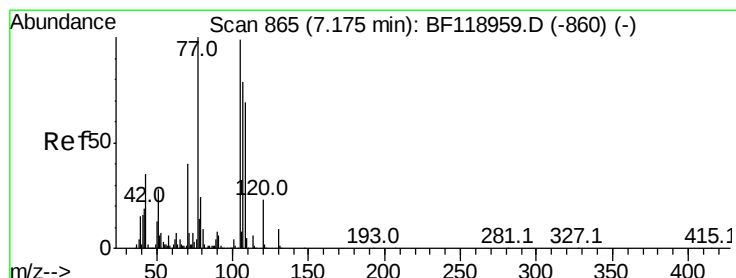
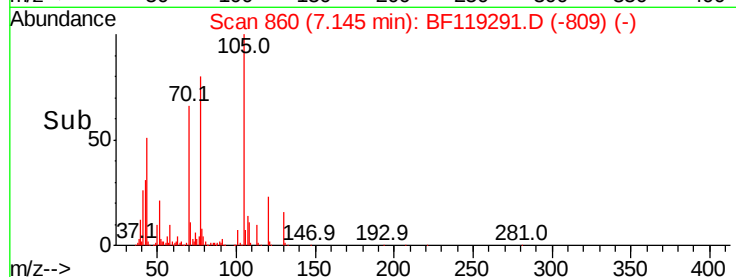
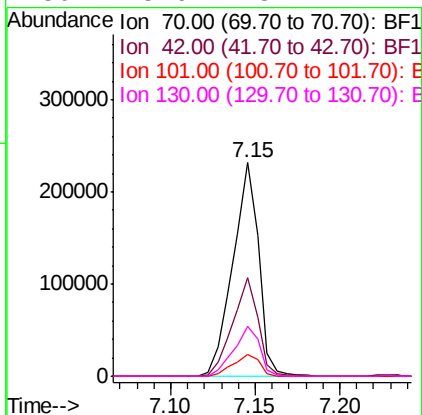
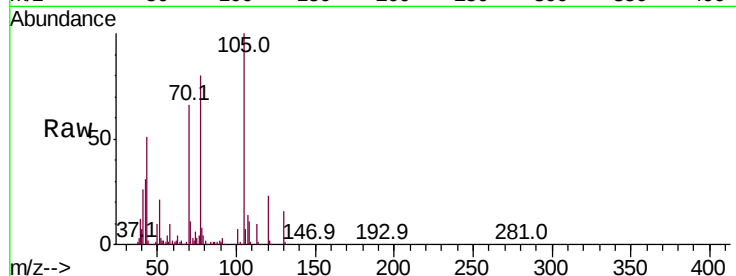




#19
n-Nitroso-di-n-propylamine
Concen: 52.995 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

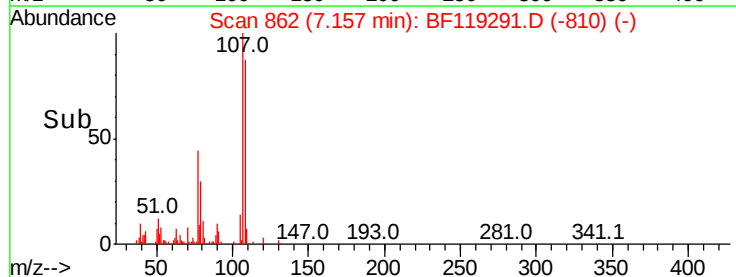
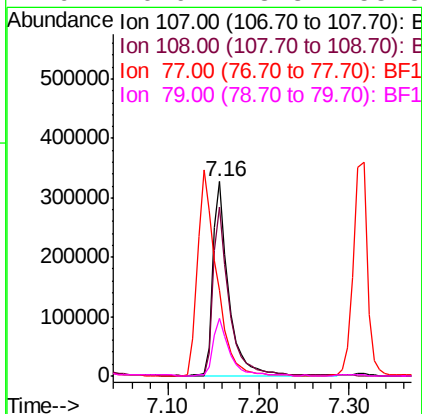
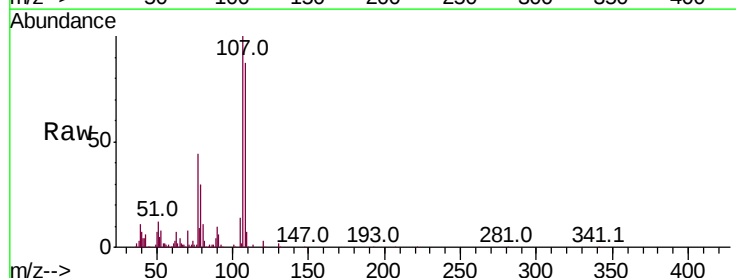
Instrument :
BNA_F
ClientSampleId :

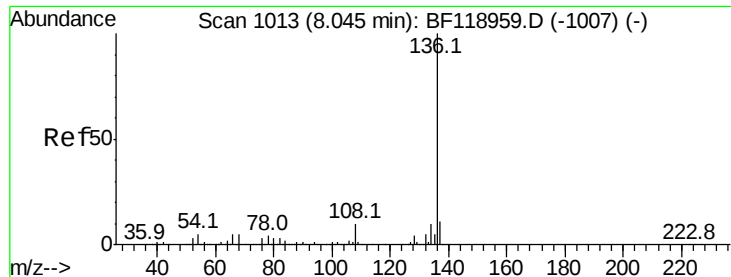
Tot Ion:	70	Resp:	246679
Ion	Ratio	Lower	Upper
70	100		
42	46.2	38.0	57.0
101	10.4	8.2	12.4
130	23.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 55.880 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:	107	Resp:	393446
Ion	Ratio	Lower	Upper
107	100		
108	87.1	71.5	111.5
77	44.2	45.9	85.9#
79	29.9	13.8	53.8

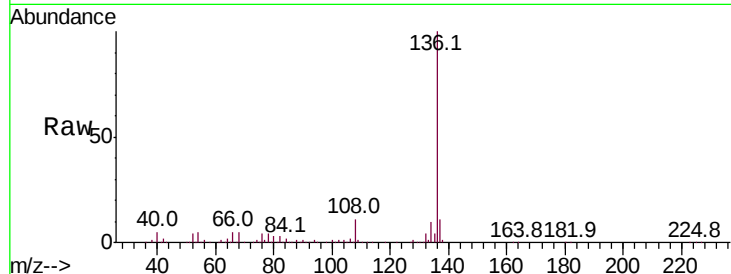




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	438067
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.5	3.8	5.6
68	5.5	3.9	5.9



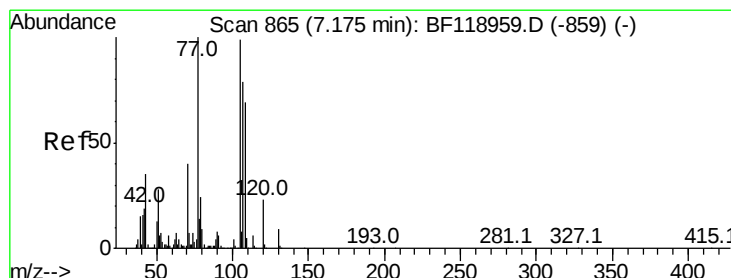
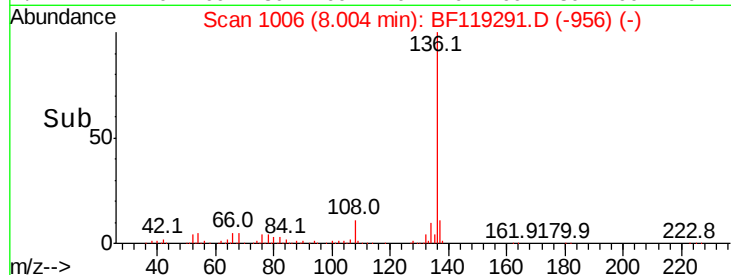
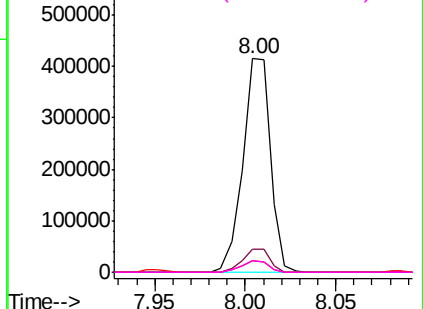
Abundance

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: 48.746 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:	105	Resp:	494075
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.0	4.4#
51	20.7	20.1	30.1
120	22.3	18.0	27.0

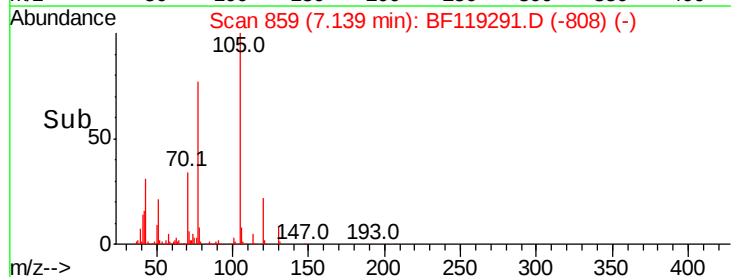
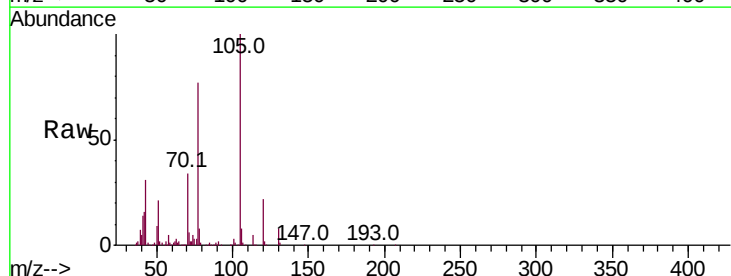
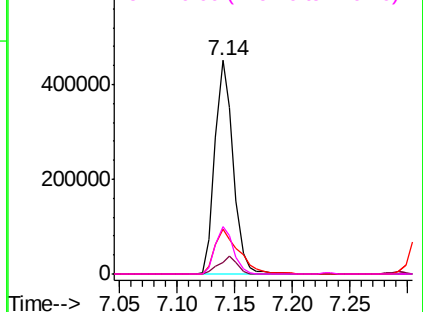
Abundance

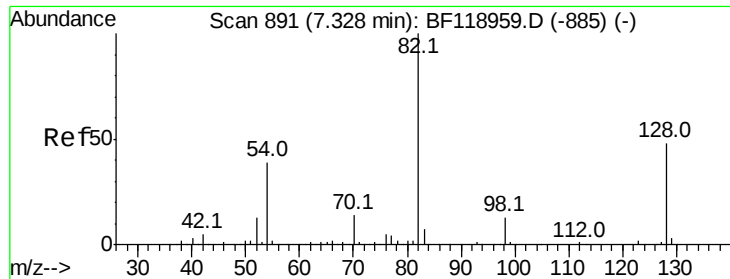
Ion 105.00 (104.70 to 105.70): E

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: 76.655 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

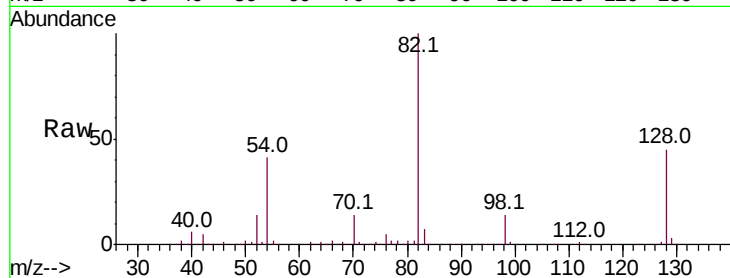
Tot Ion: 82 Resp: 635984

Ion Ratio Lower Upper

82 100

128 45.5 37.9 56.9

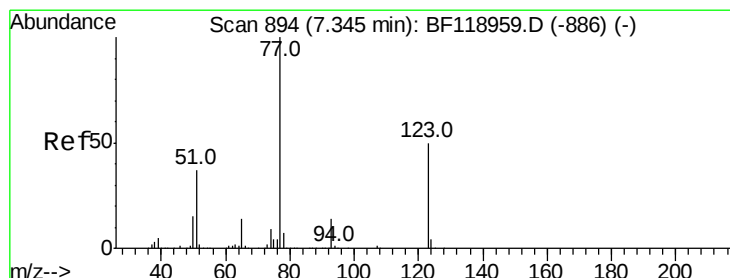
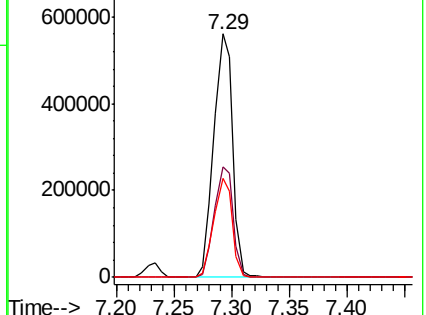
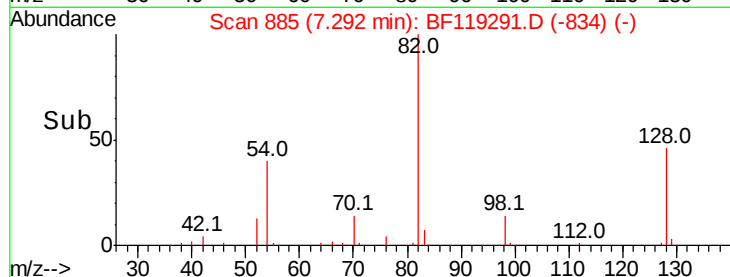
54 40.9 33.4 50.2



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: 46.682 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

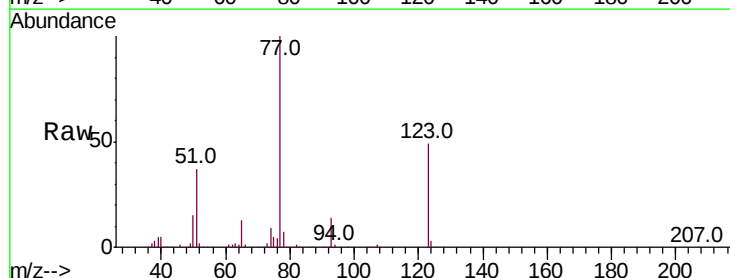
Tgt Ion: 77 Resp: 383012

Ion Ratio Lower Upper

77 100

123 49.3 40.2 60.2

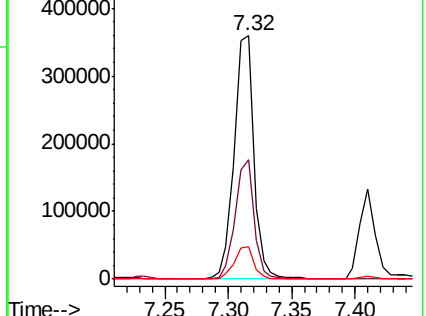
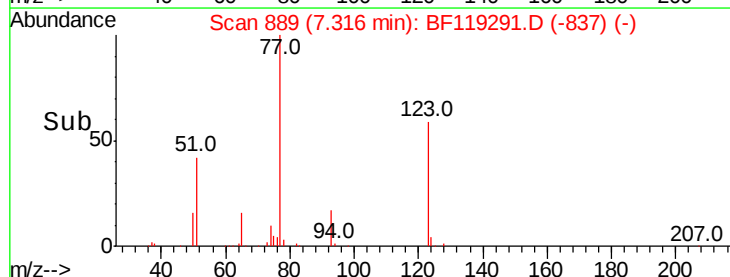
65 13.3 10.8 16.2

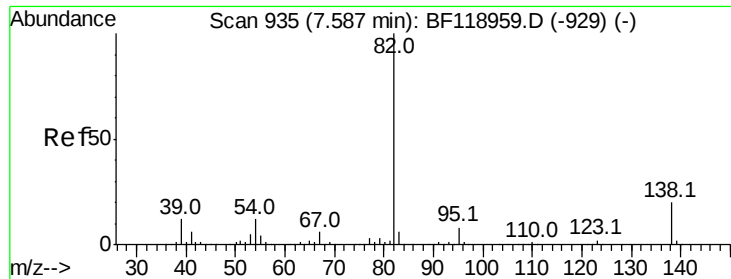


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.200 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

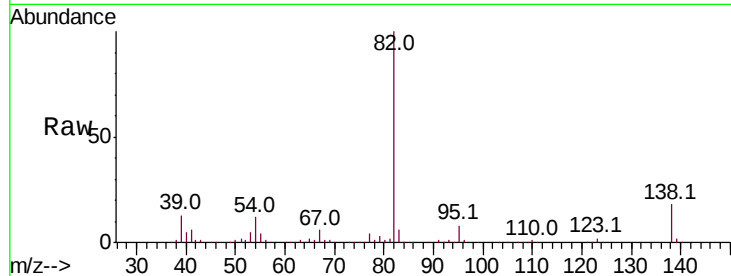
Tot Ion: 82 Resp: 694508

Ion Ratio Lower Upper

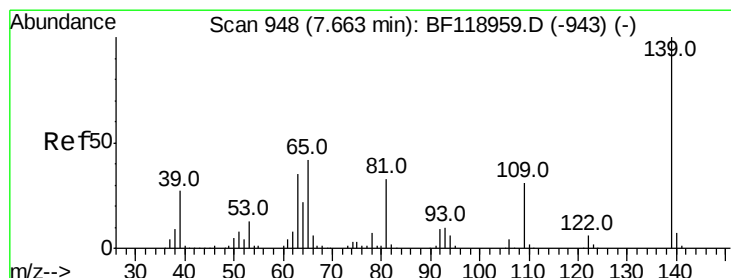
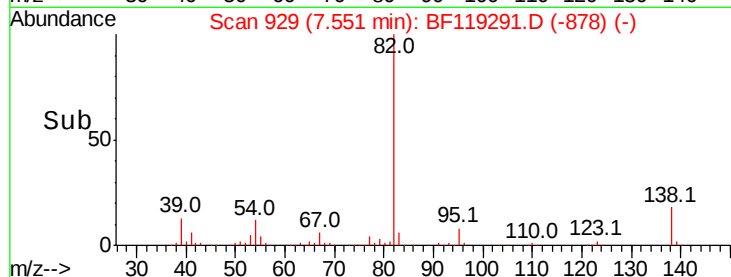
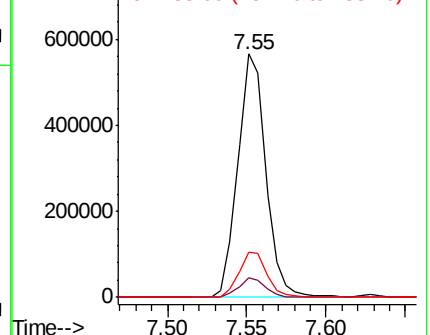
82 100

95 8.0 6.4 9.6

138 18.3 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.031 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

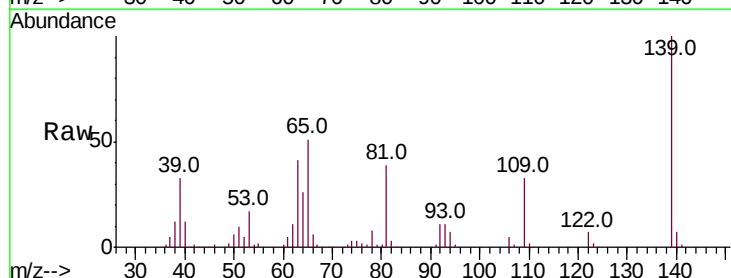
Tgt Ion:139 Resp: 204454

Ion Ratio Lower Upper

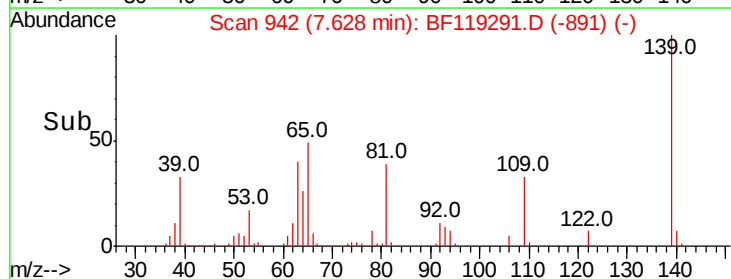
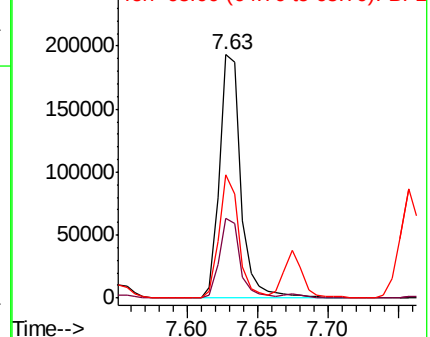
139 100

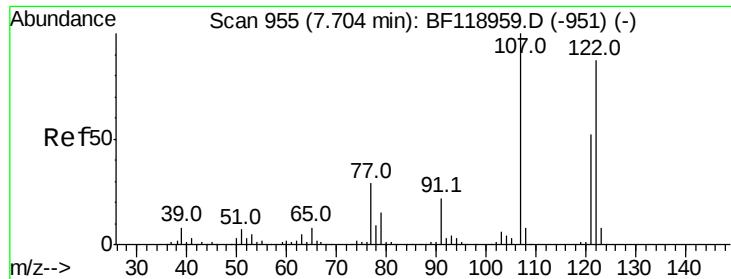
109 32.8 25.7 38.5

65 50.9 37.1 55.7



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

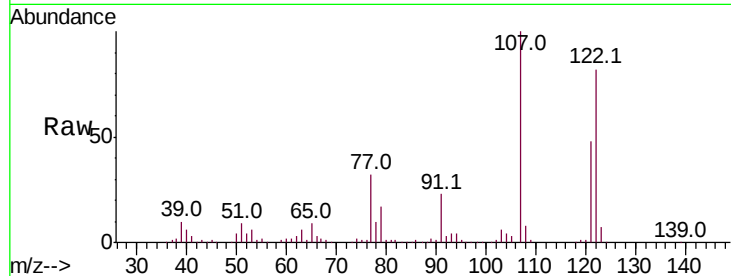




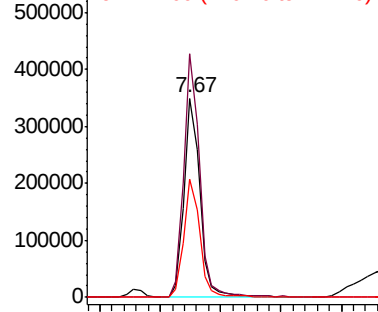
#27
2,4-Dimethylphenol
Concen: 53.955 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

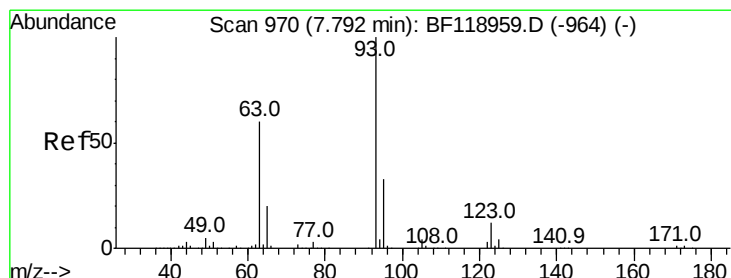
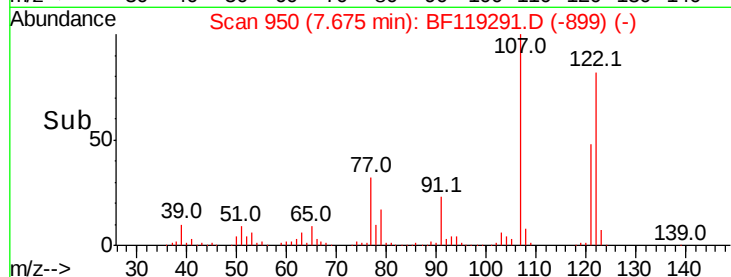
Tot Ion:122 Resp: 318331
Ion Ratio Lower Upper
122 100
107 122.2 93.8 140.6
121 59.0 48.2 72.2



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

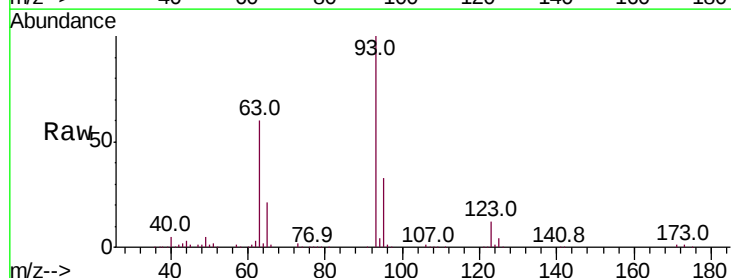


Time--> 7.60 7.65 7.70 7.75 7.80

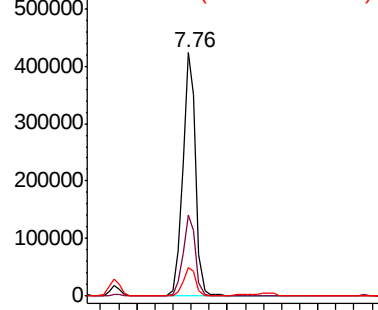


#28
bis(2-Chloroethoxy)methane
Concen: 45.033 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

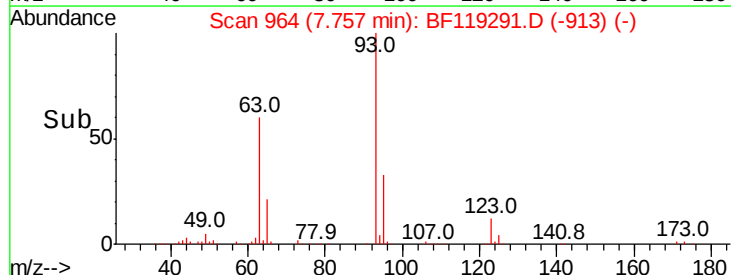
Tgt Ion: 93 Resp: 422351
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.6 10.2 15.2

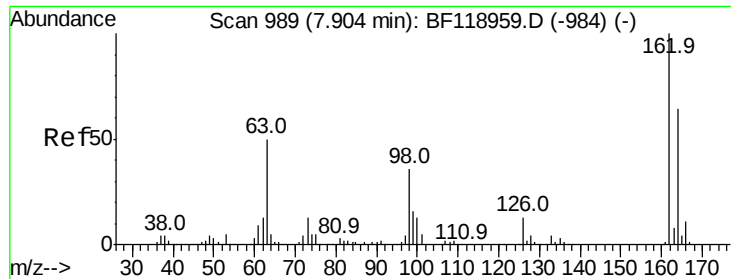


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E



Time--> 7.70 7.80 7.90

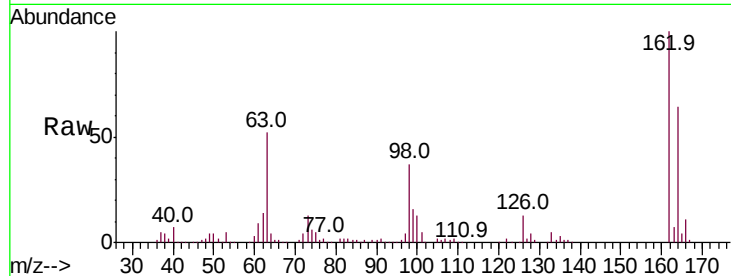




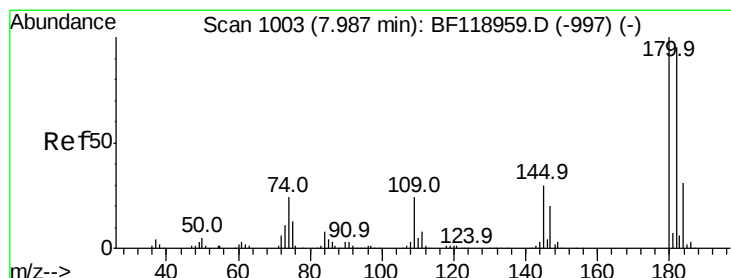
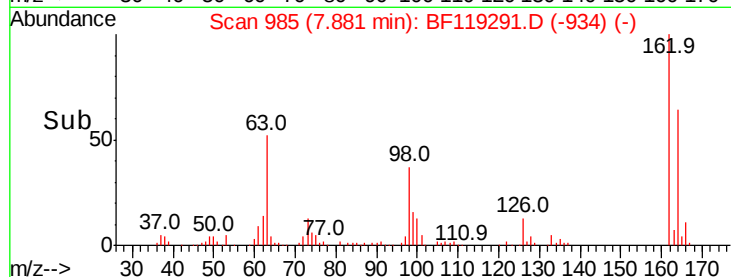
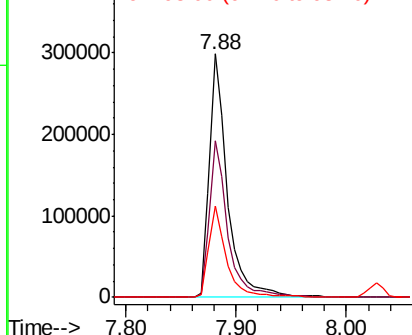
#29
 2,4-Dichlorophenol
 Concen: 47.850 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 332346
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.2 85.2
 98 37.3 17.4 57.4

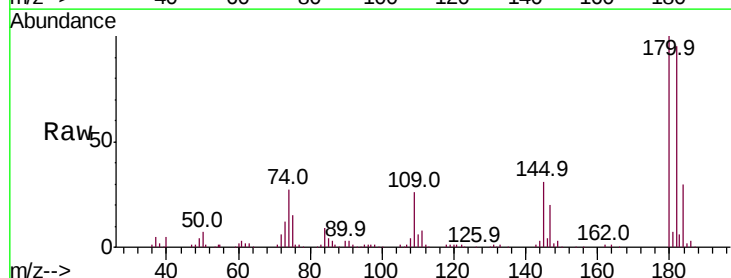


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

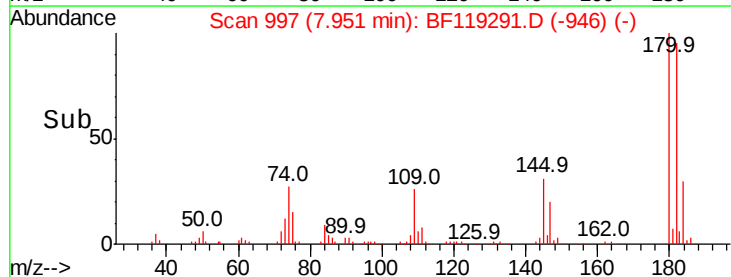
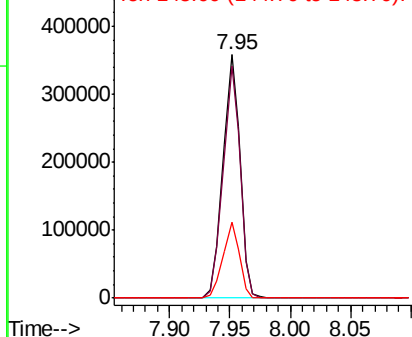


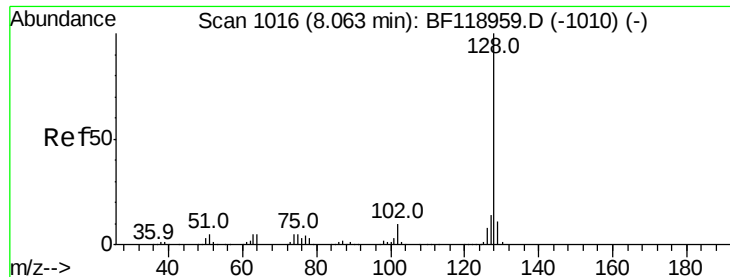
#30
 1,2,4-Trichlorobenzene
 Concen: 42.531 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:180 Resp: 350247
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.8 116.6
 145 31.1 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

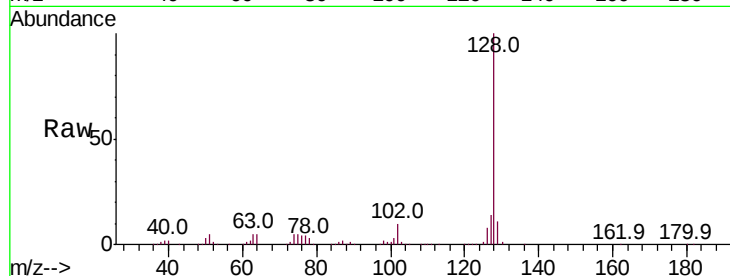




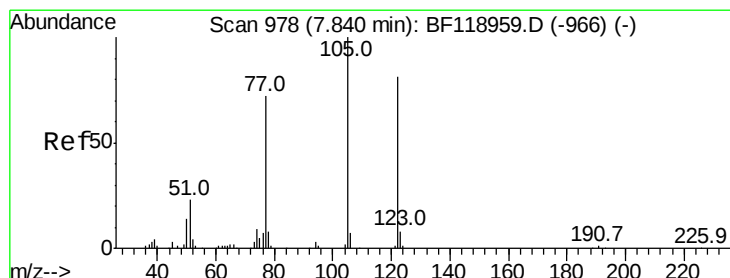
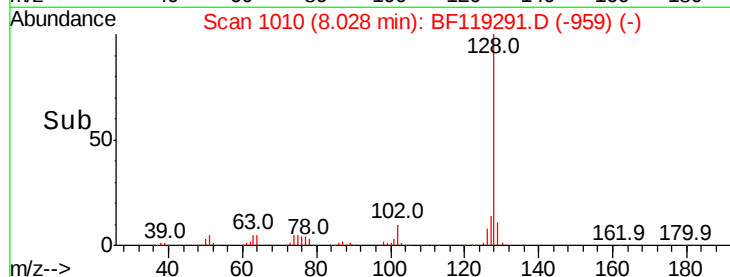
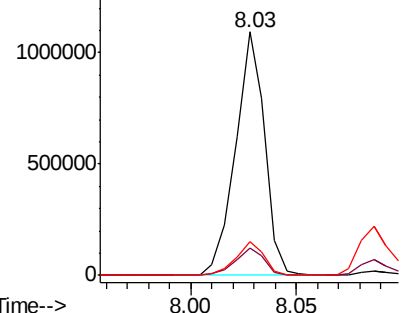
#31
Naphthalene
Concen: 46.146 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1048391
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.7 11.4 17.2

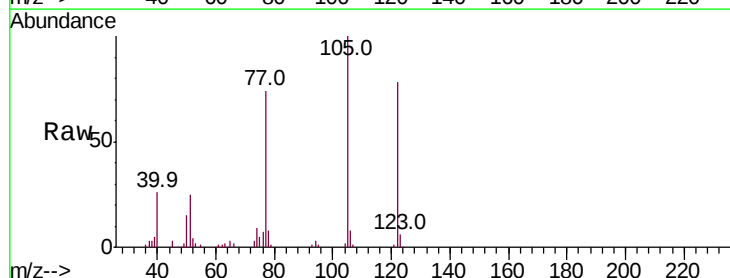


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

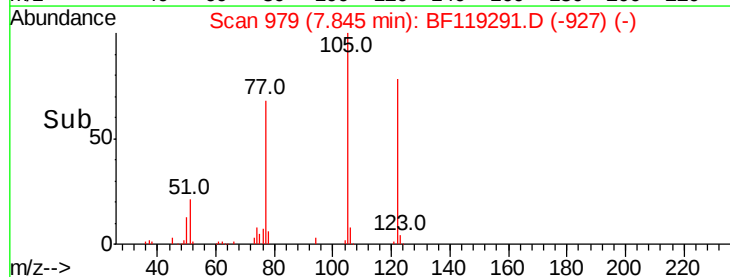
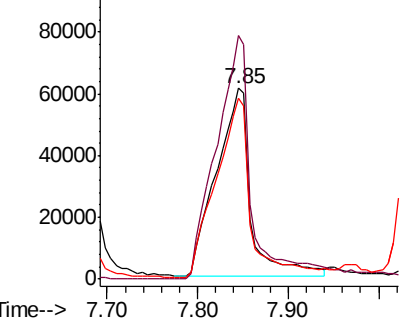


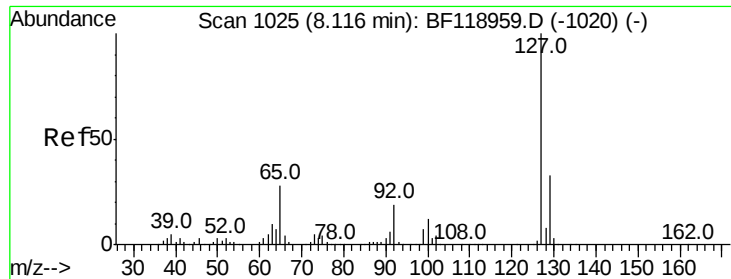
#32
Benzoic acid
Concen: 39.218 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:122 Resp: 162723
Ion Ratio Lower Upper
122 100
105 127.5 106.3 146.3
77 94.7 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
100000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

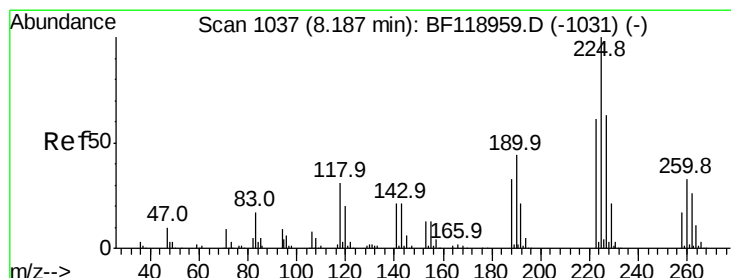
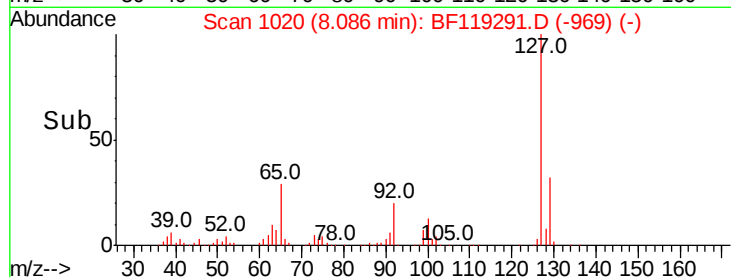
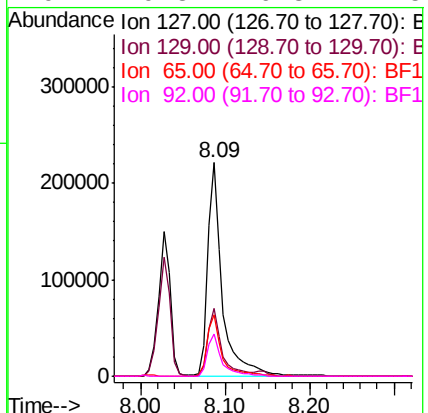
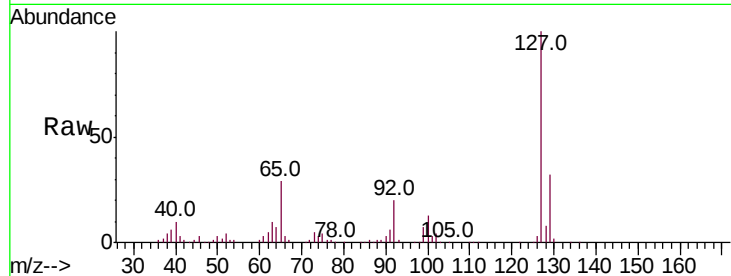




#33
4-Chloroaniline
Concen: 27.065 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

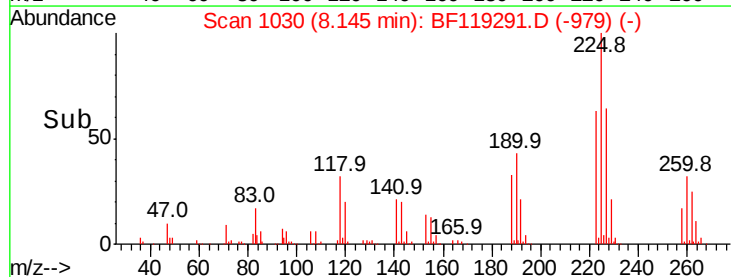
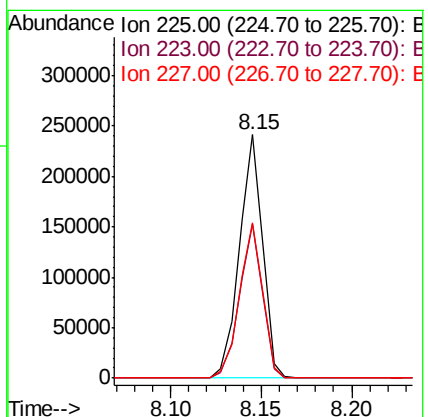
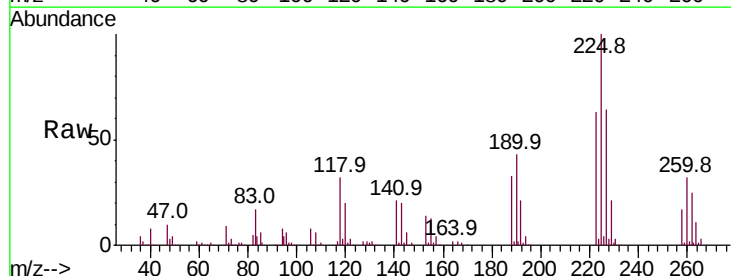
Instrument :
BNA_F
ClientSampleId :

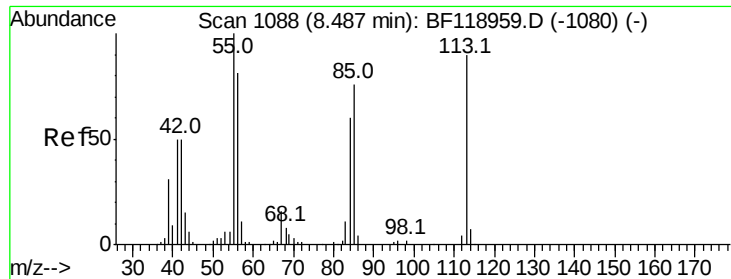
Tot Ion:	127	Resp:	264470
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	29.0	23.9	35.9
92	19.8	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.571 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:	225	Resp:	213242
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.2
227	63.8	52.9	79.3

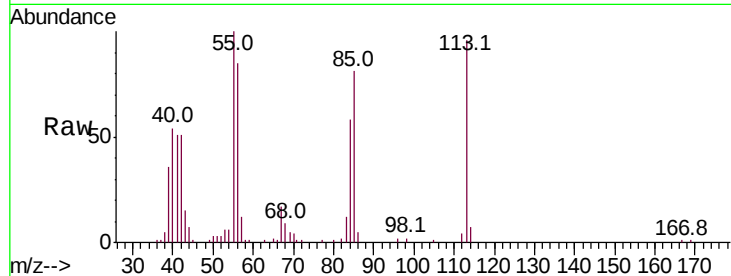




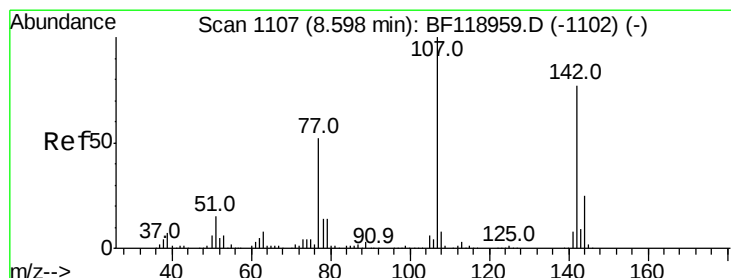
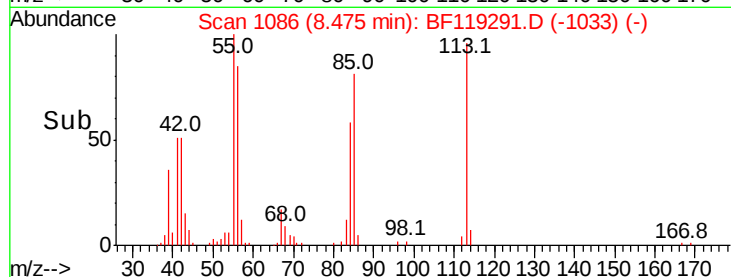
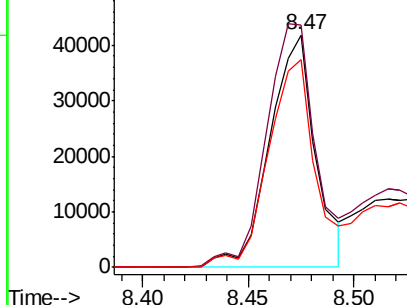
#35
 Caprolactam
 Concen: 29.514 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 63121
 Ion Ratio Lower Upper
 113 100
 55 104.4 95.7 135.7
 56 89.2 73.1 113.1

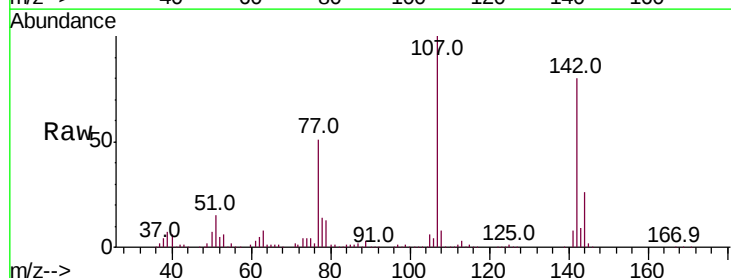


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

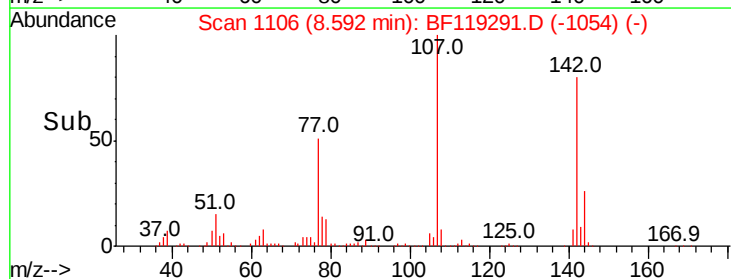
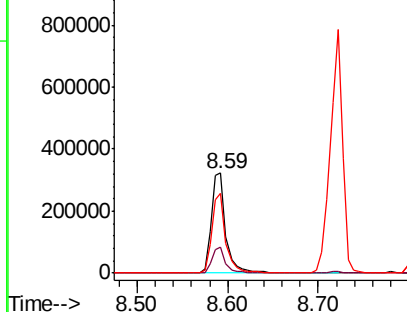


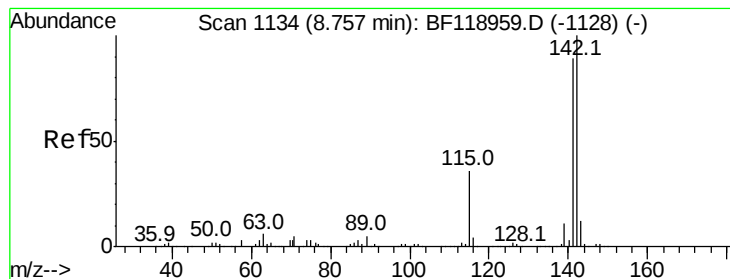
#36
 4-Chloro-3-methylphenol
 Concen: 51.531 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:107 Resp: 362225
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.1 30.1
 142 79.6 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

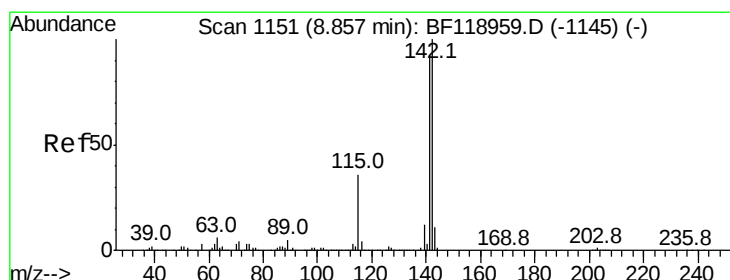
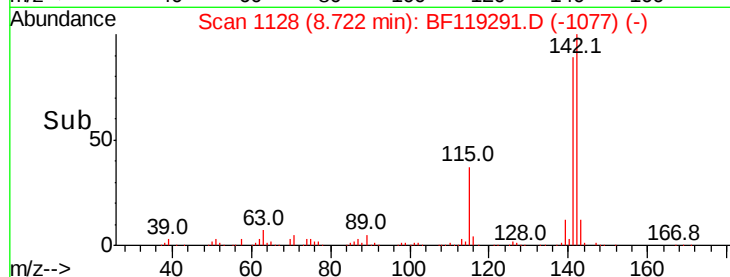
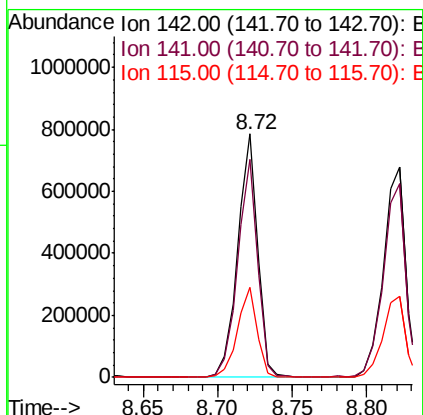
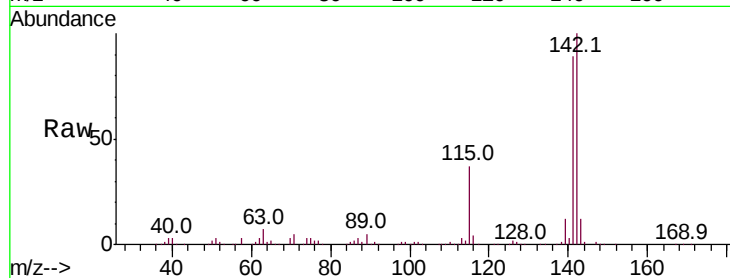




#37
 2-Methylnaphthalene
 Concen: 47.760 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

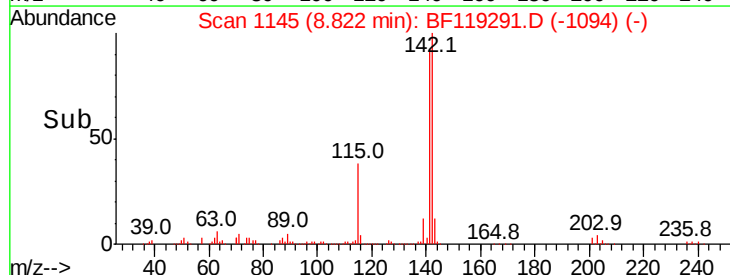
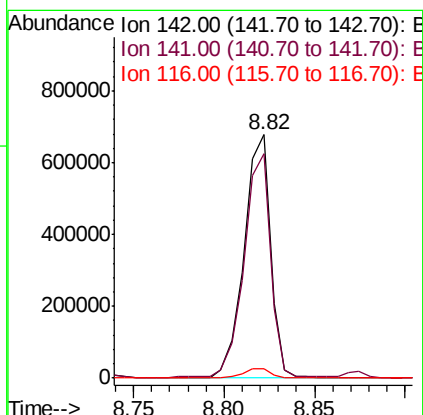
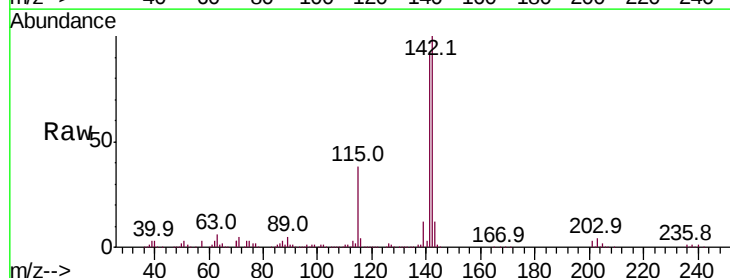
Instrument :
 BNA_F
 ClientSampleId :

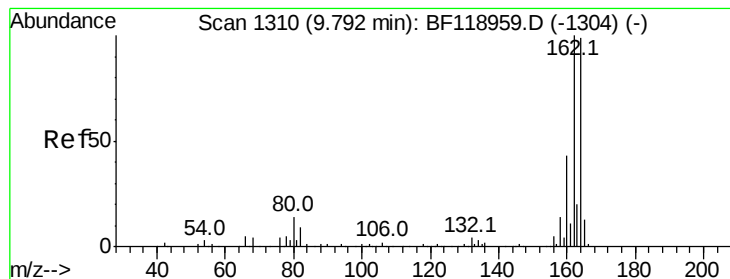
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	37.0	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 47.614 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

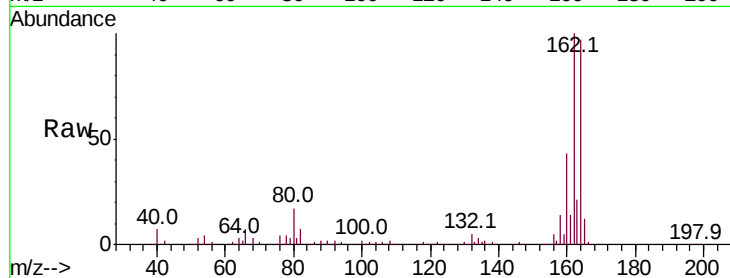
Tot Ion:164 Resp: 259066

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.8

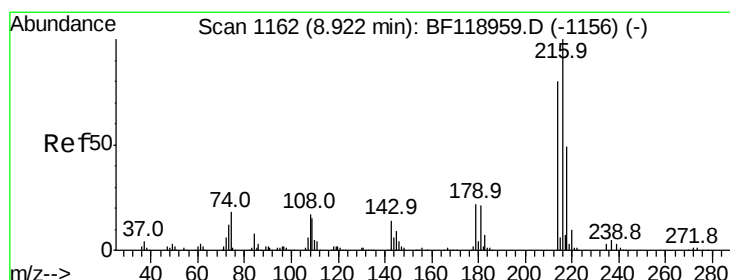
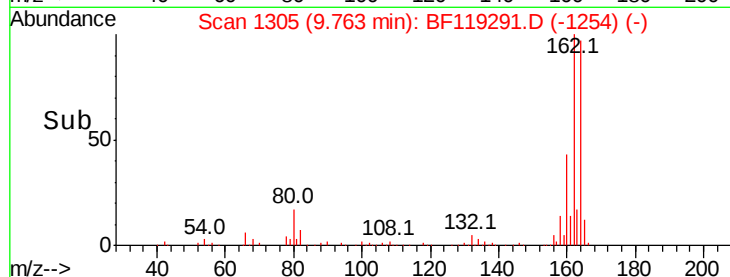
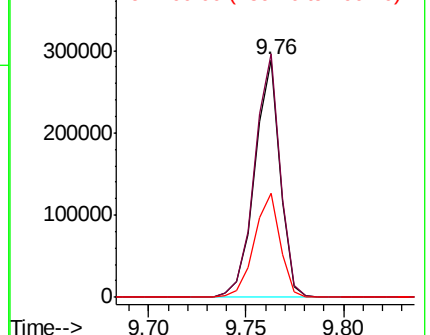
160 44.0 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.693 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:216 Resp: 364175

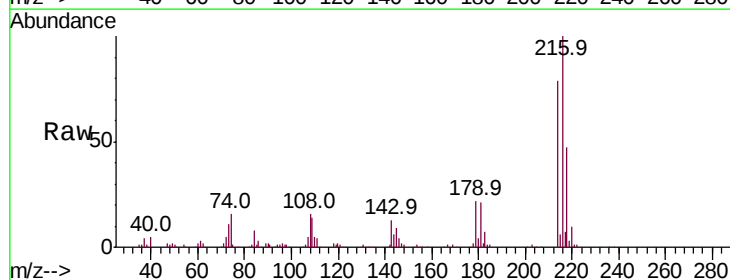
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 21.9 17.7 26.5

108 17.7 13.9 20.9

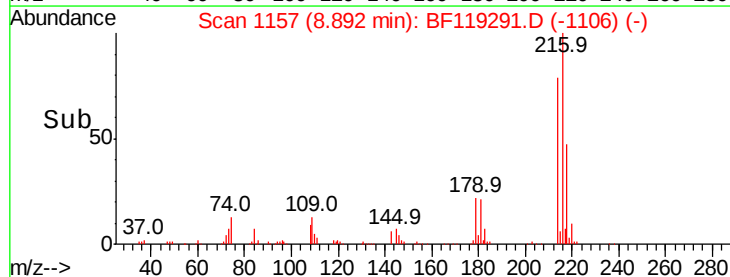
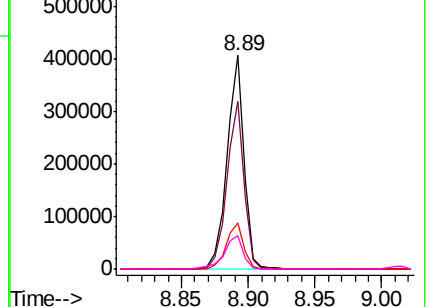


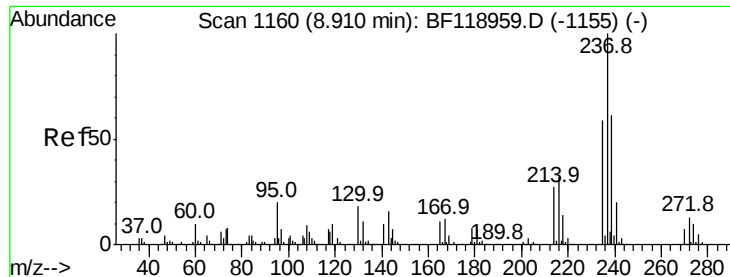
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.130 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

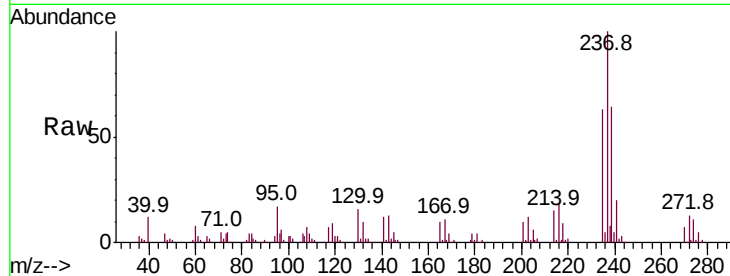
Tot Ion:237 Resp: 128734

Ion Ratio Lower Upper

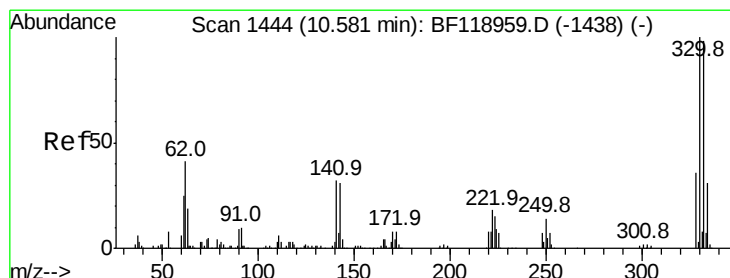
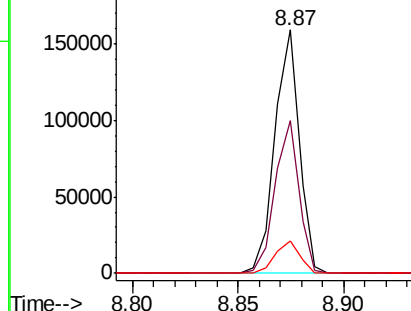
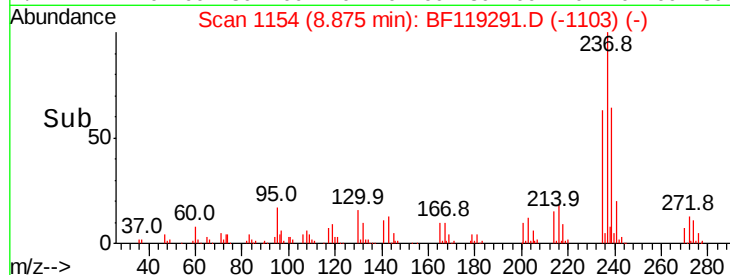
237 100

235 62.8 42.3 82.3

272 13.3 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.701 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

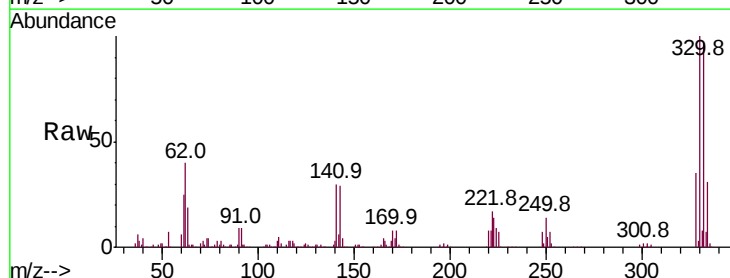
Tgt Ion:330 Resp: 419224

Ion Ratio Lower Upper

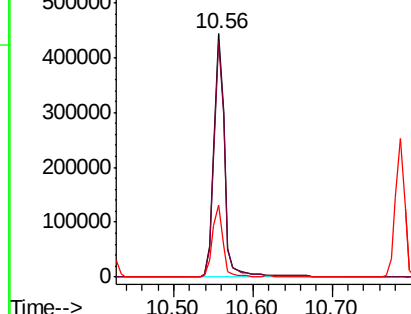
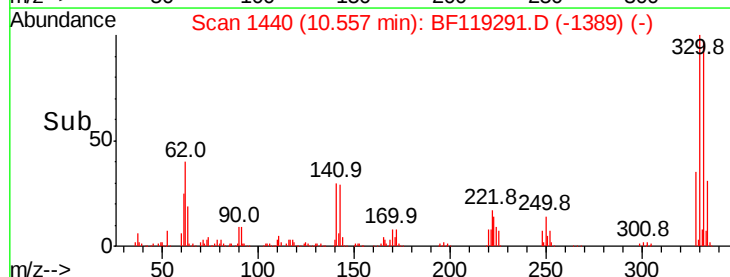
330 100

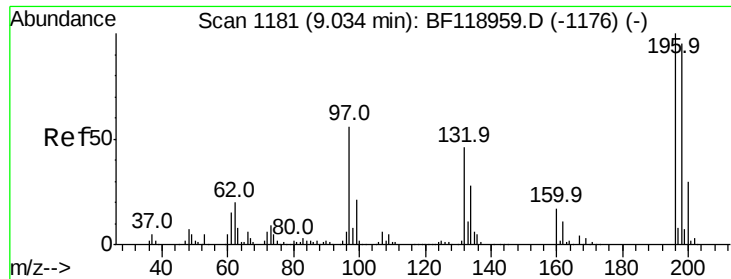
332 96.4 76.0 114.0

141 28.9 22.9 34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

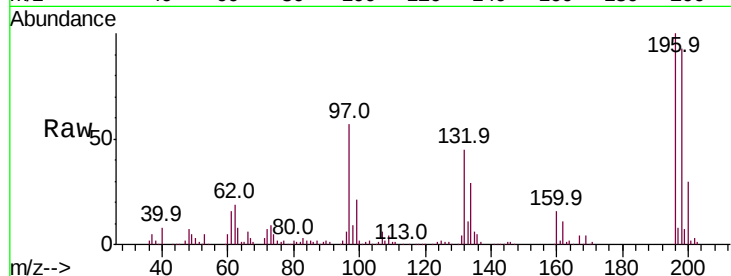




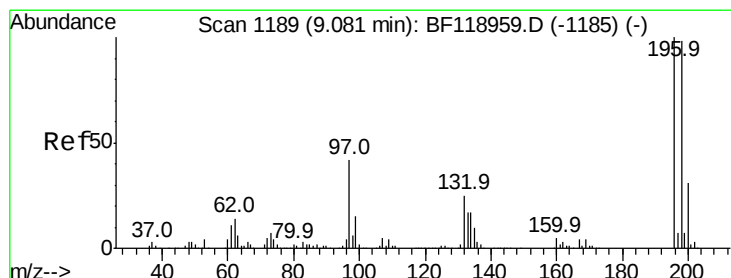
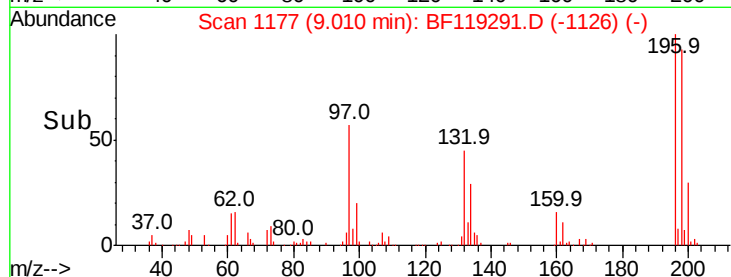
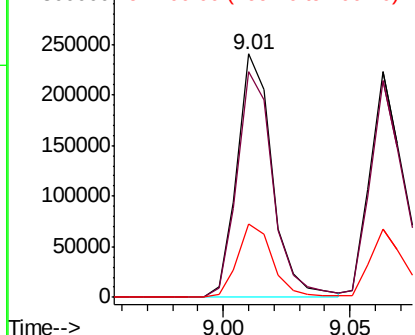
#43
 2,4,6-Trichlorophenol
 Concen: 42.282 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 233224
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.1 115.7
 200 30.1 25.0 37.6



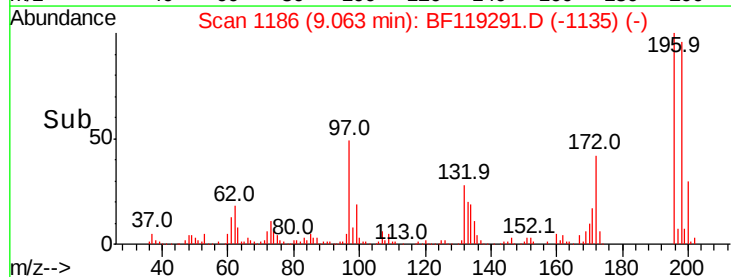
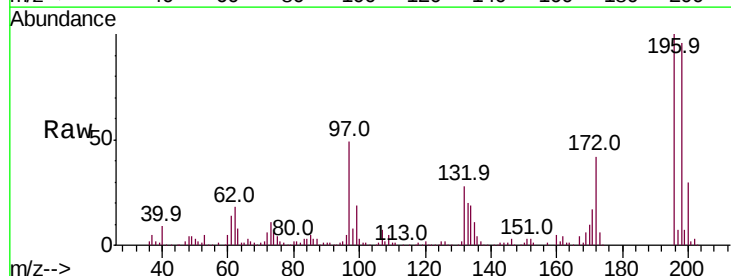
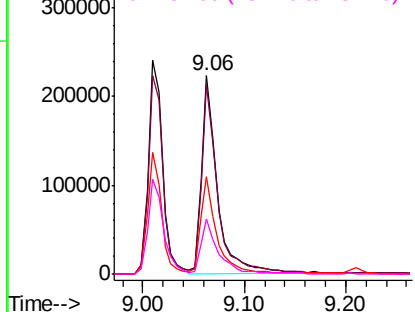
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

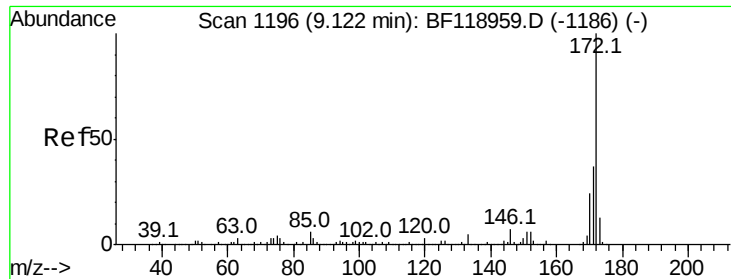


#44
 2,4,5-Trichlorophenol
 Concen: 41.728 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:196 Resp: 241527
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 48.9 38.5 57.7
 132 27.8 22.2 33.4

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



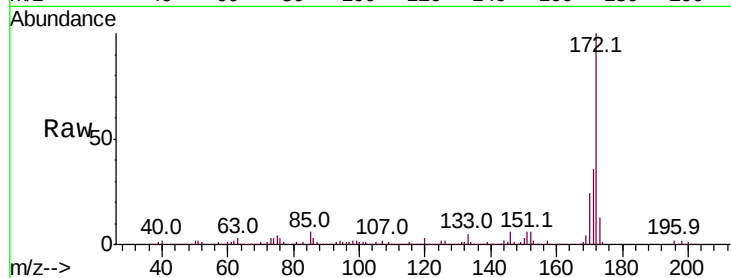


#45
 2-Fluorobiphenyl
 Concen: 73.792 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

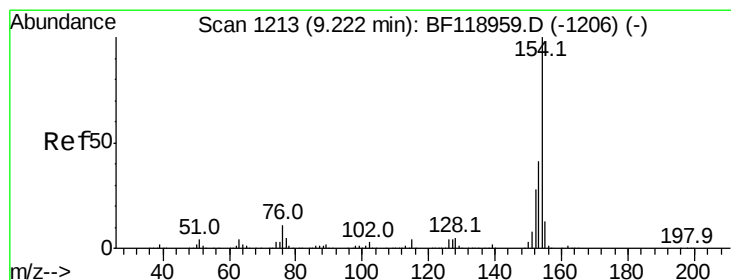
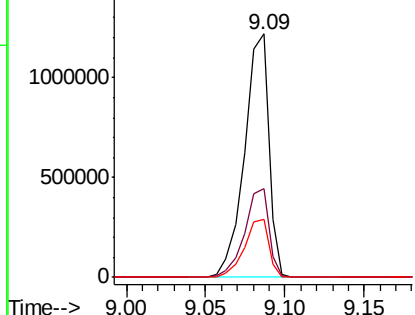
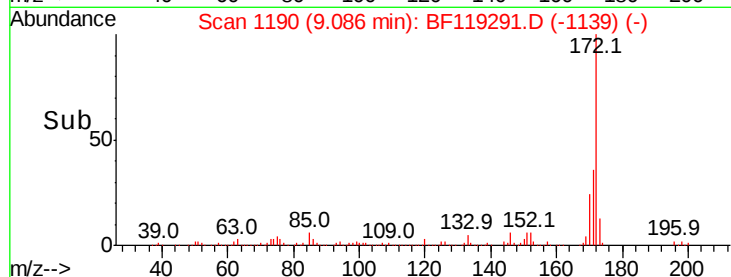
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1297673

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.0	20.2	30.2



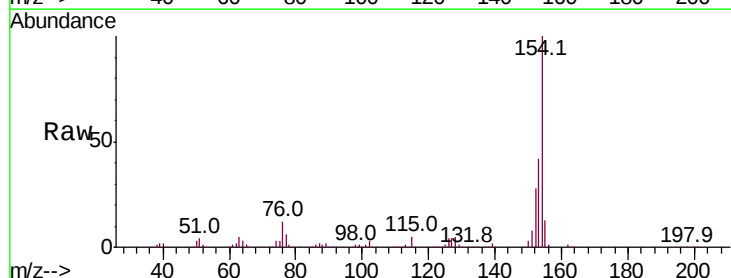
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



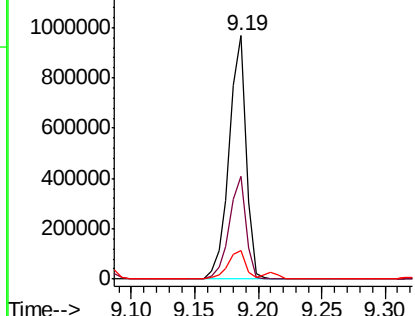
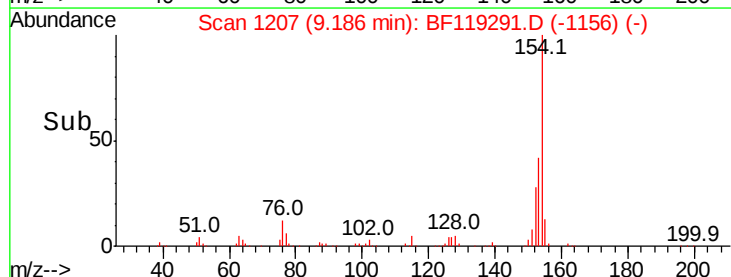
#46
 1,1'-Biphenyl
 Concen: 42.803 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

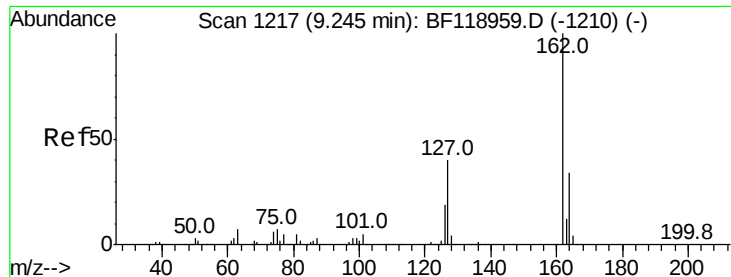
Tgt Ion:154 Resp: 896199

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.8	62.8
76	11.6	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

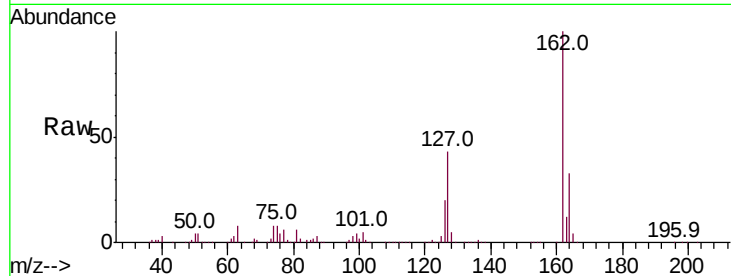




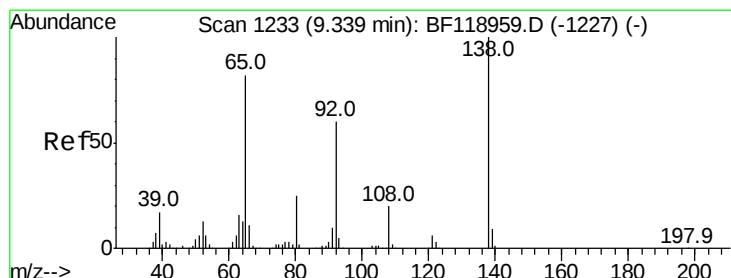
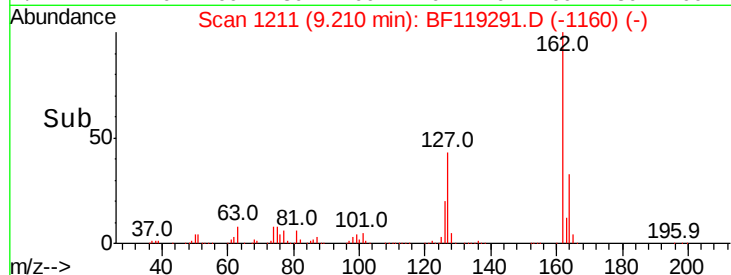
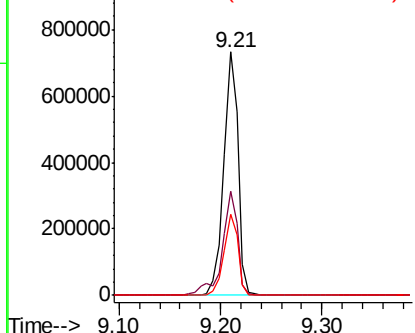
#47
 2-Chloronaphthalene
 Concen: 42.562 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	35.0	52.4
164	33.1	27.2	40.8

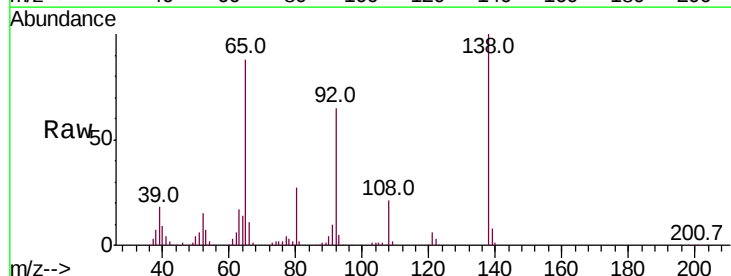


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

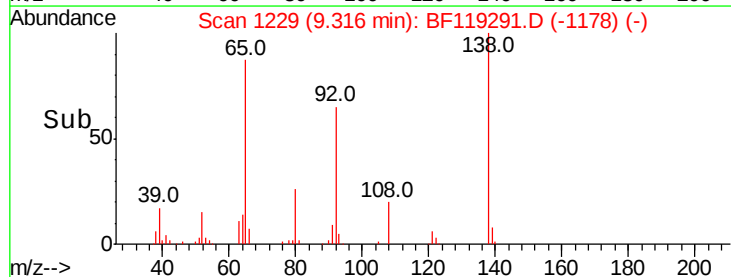
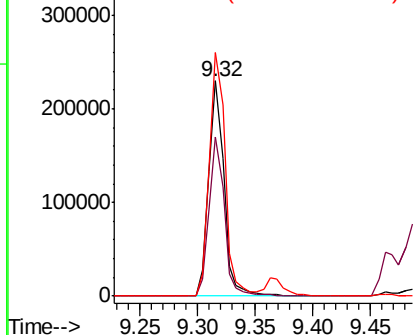


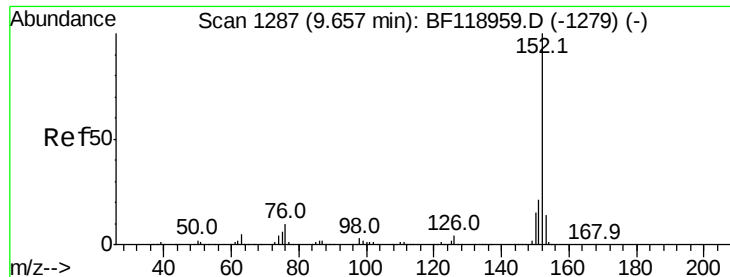
#48
 2-Nitroaniline
 Concen: 45.284 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	113.1	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: 44.649 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

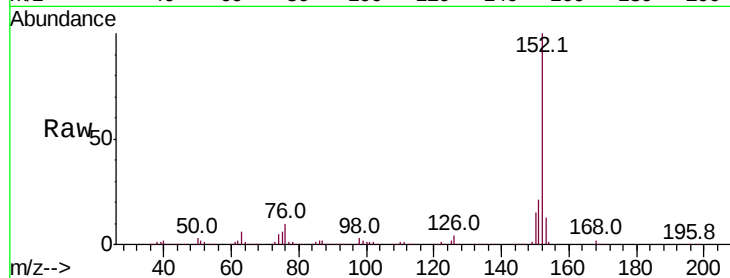
Tot Ion:152 Resp: 1088052

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

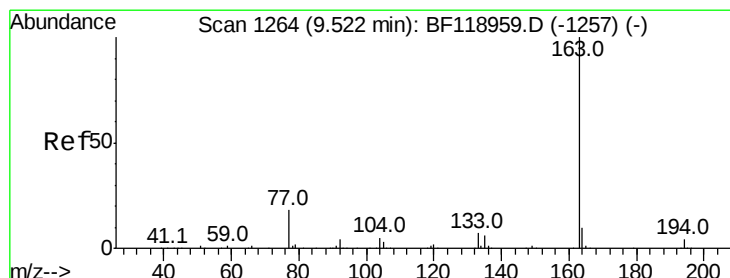
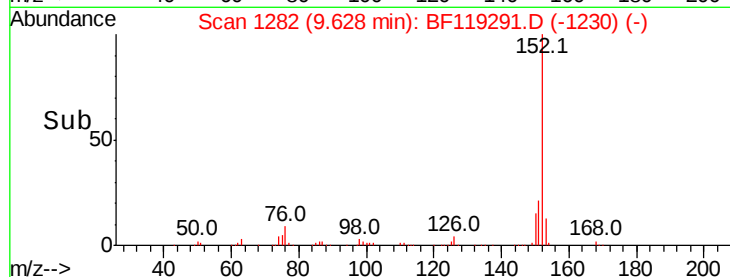
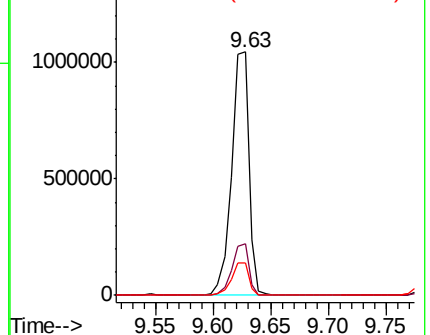
153 13.2 11.0 16.6



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: 44.947 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

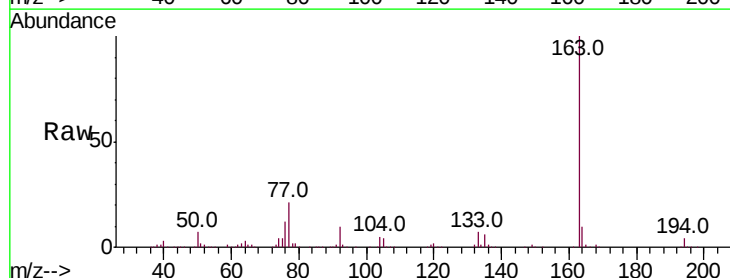
Tgt Ion:163 Resp: 890418

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

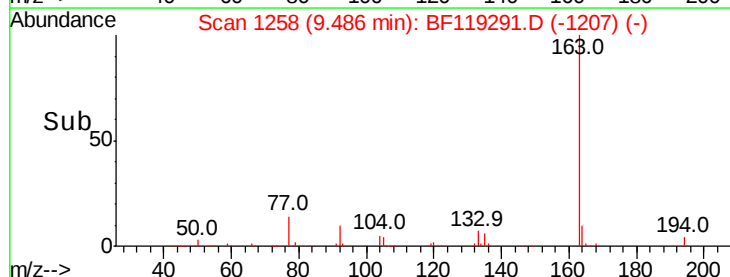
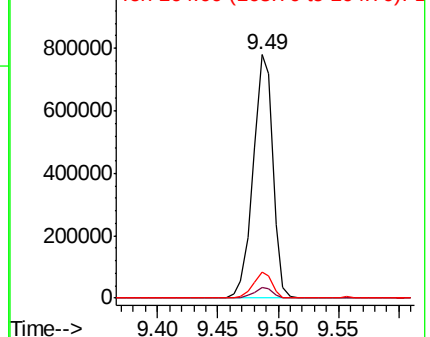
164 10.5 8.4 12.6

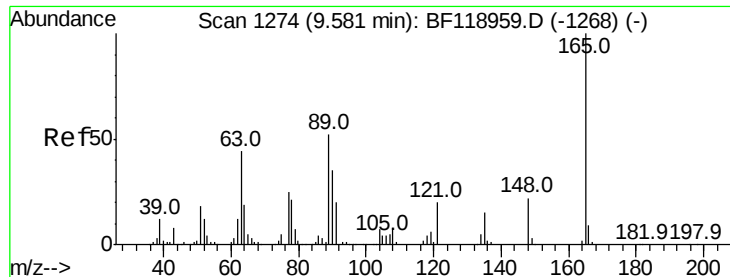


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

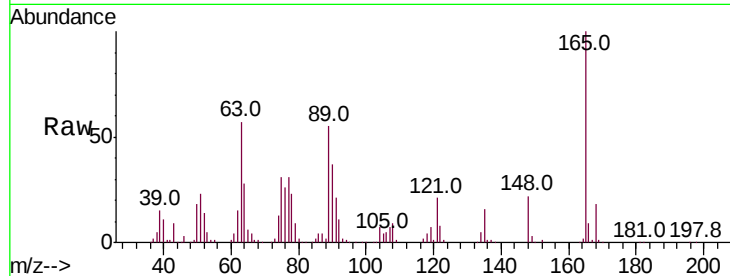




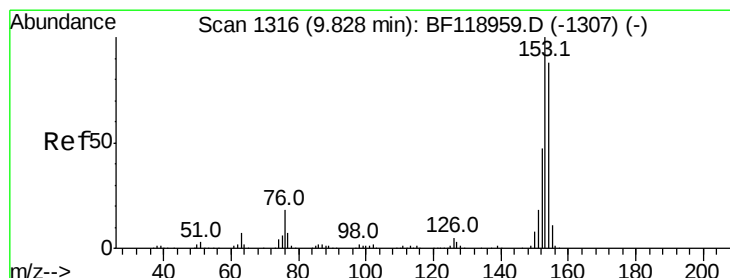
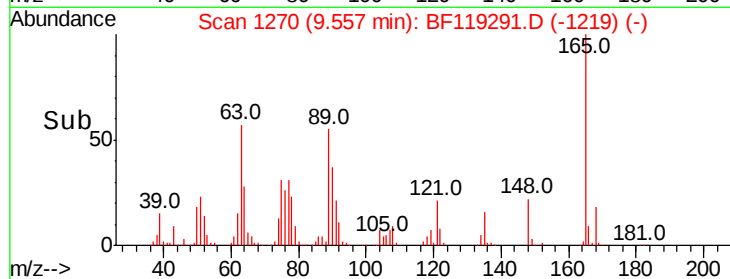
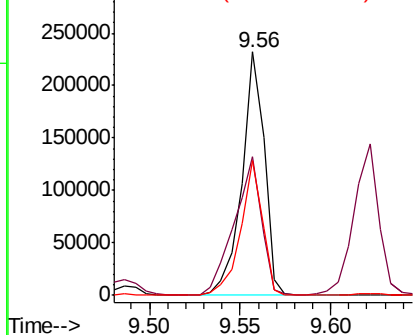
#51
 2,6-Dinitrotoluene
 Concen: 45.355 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 199619
 Ion Ratio Lower Upper
 165 100
 63 57.2 34.3 51.5#
 89 55.4 38.3 57.5

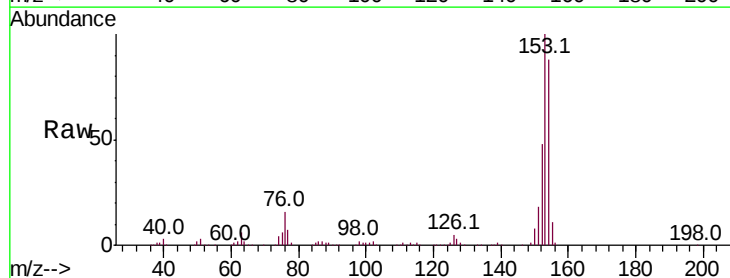


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

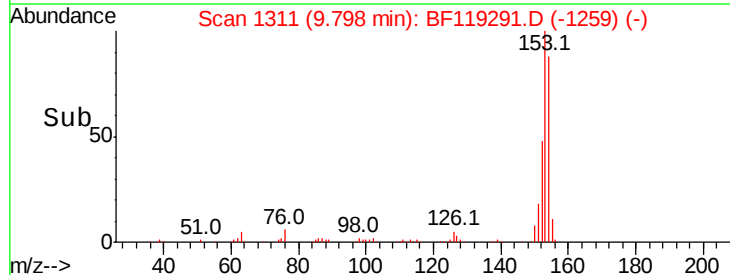
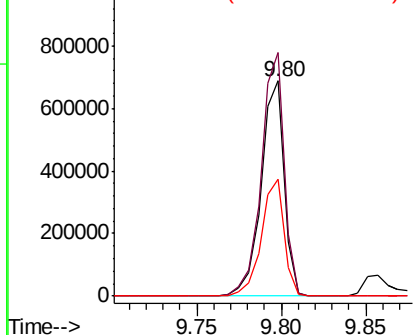


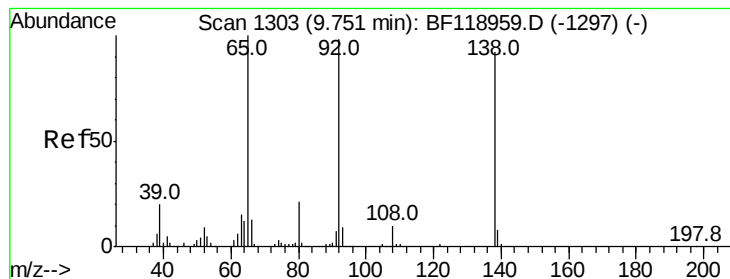
#52
 Acenaphthene
 Concen: 44.367 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:154 Resp: 651940
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.3 135.5
 152 54.3 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: 28.979 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

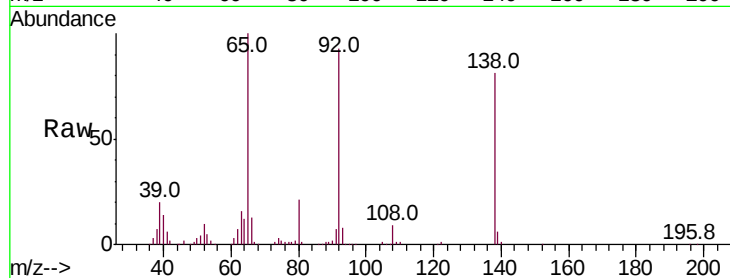
Tot Ion:138 Resp: 141396

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

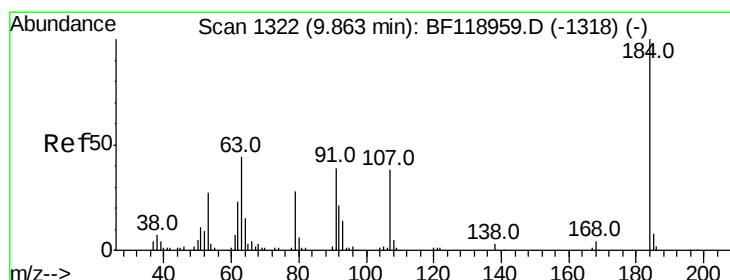
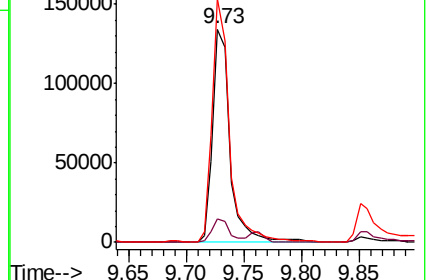
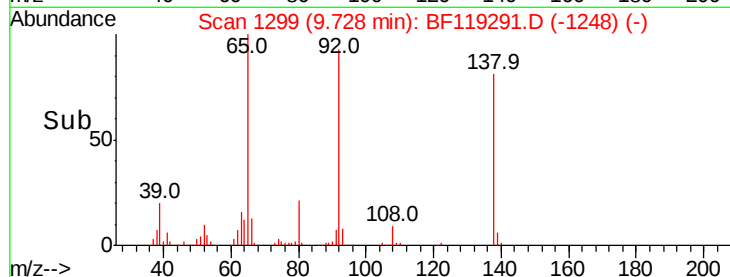
92 114.4 84.8 127.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 69.093 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

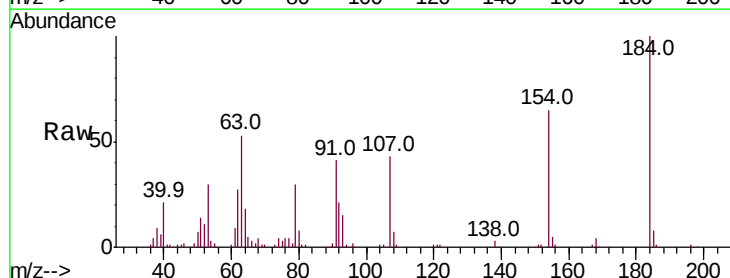
Tgt Ion:184 Resp: 145393

Ion Ratio Lower Upper

184 100

63 52.8 38.7 58.1

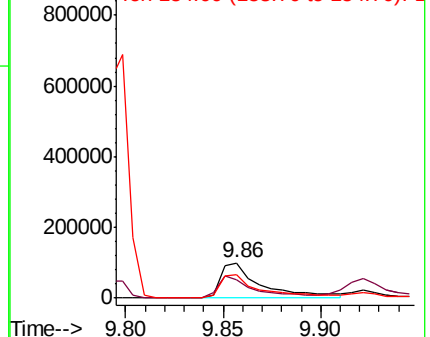
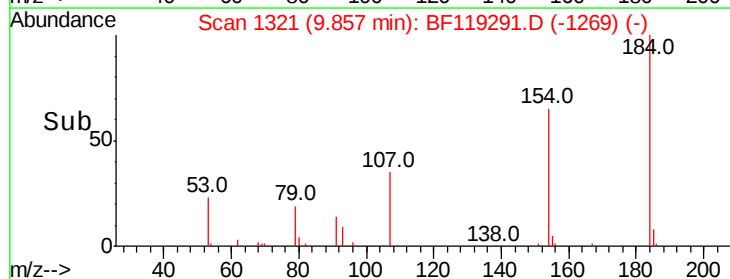
154 65.1 49.7 74.5

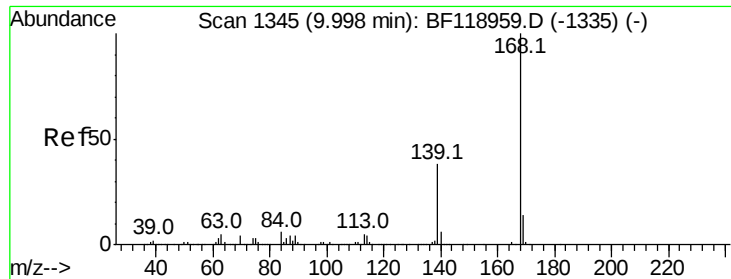


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

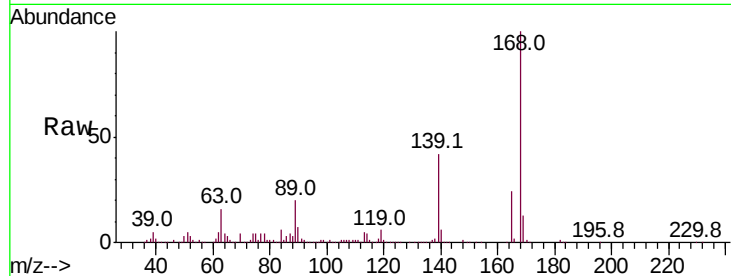




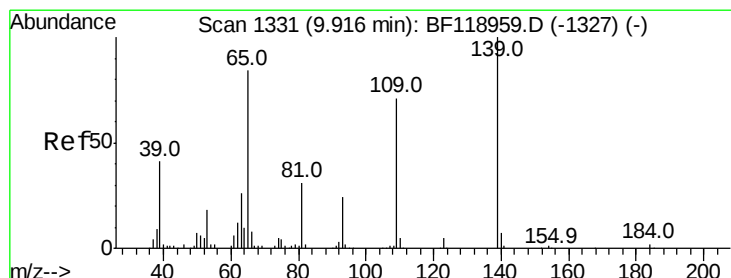
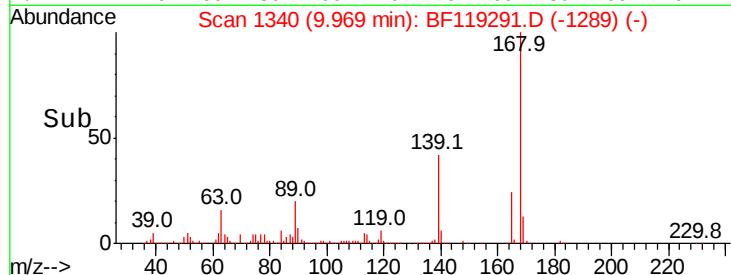
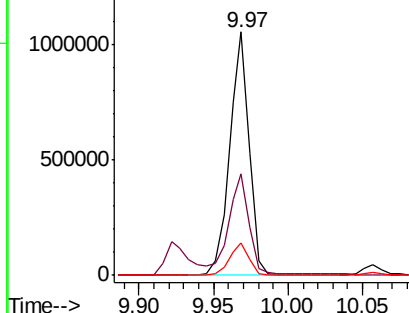
#55
Dibenzofuran
Concen: 44.252 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 970556
Ion Ratio Lower Upper
168 100
139 41.9 34.0 51.0
169 13.3 11.0 16.4

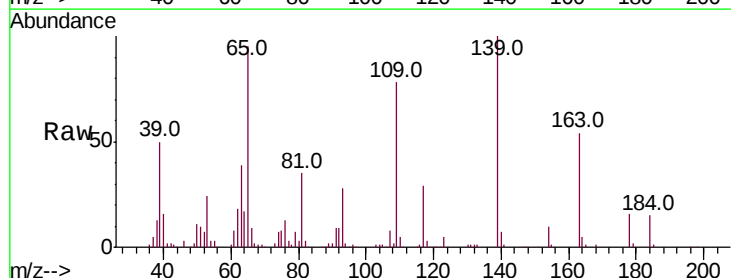


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

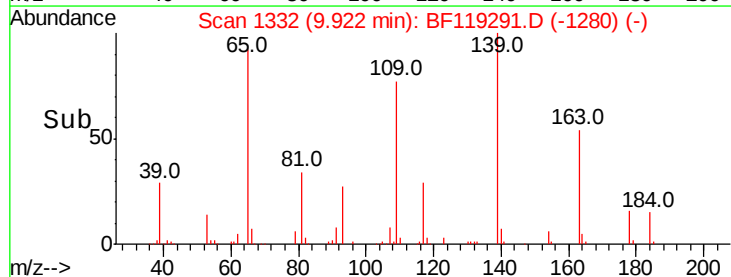
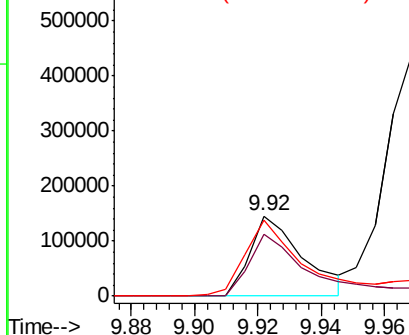


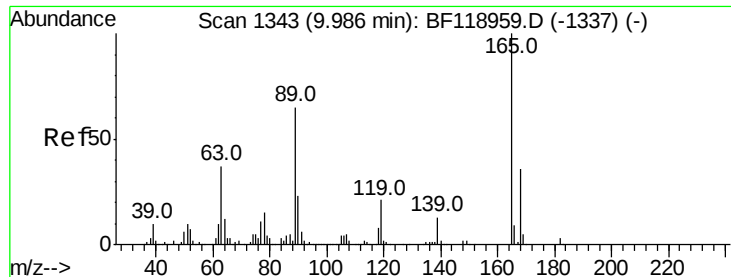
#56
4-Nitrophenol
Concen: 57.293 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:139 Resp: 167961
Ion Ratio Lower Upper
139 100
109 78.1 56.7 96.7
65 95.2 65.0 105.0



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

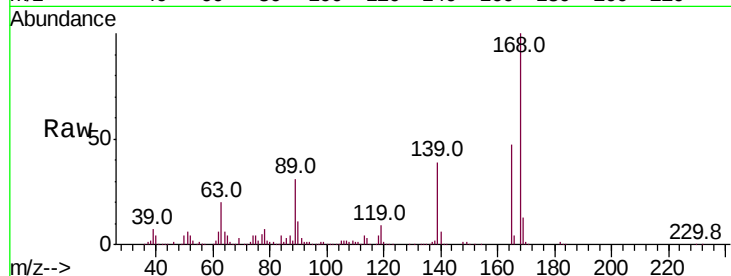




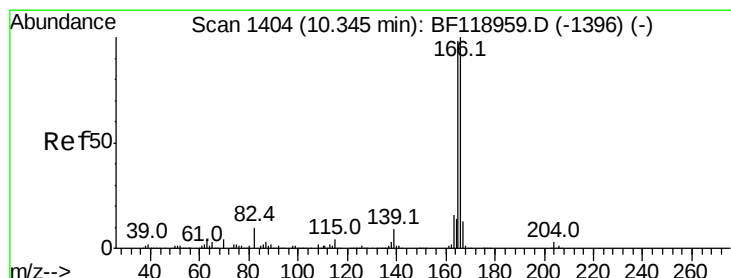
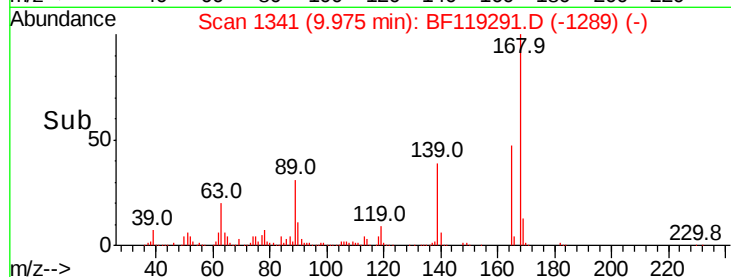
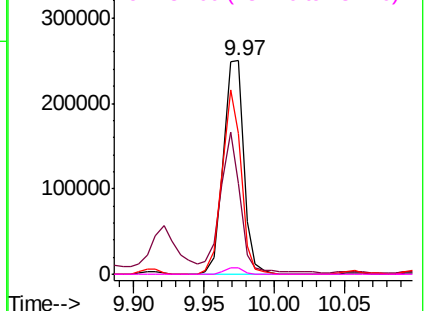
#57
 2,4-Dinitrotoluene
 Concen: 44.382 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	42.3	63.5
89	65.9	60.2	90.4
182	3.0	2.3	3.5

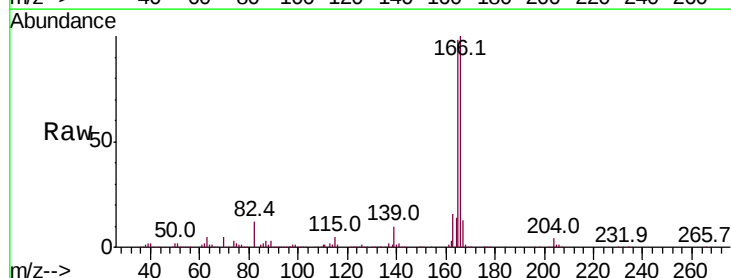


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

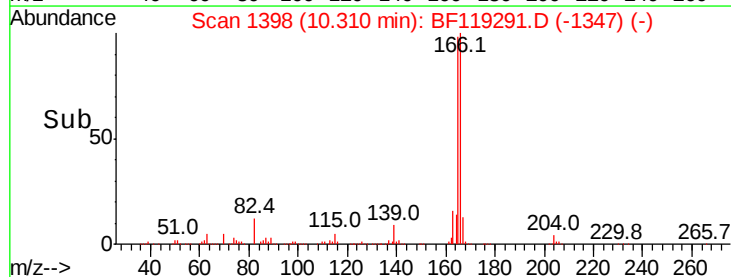
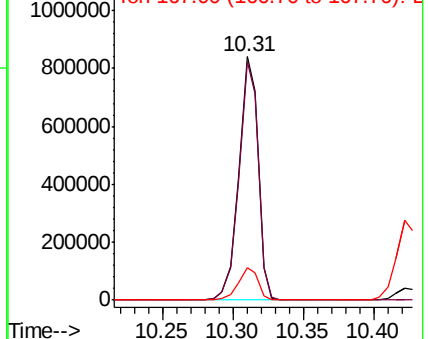


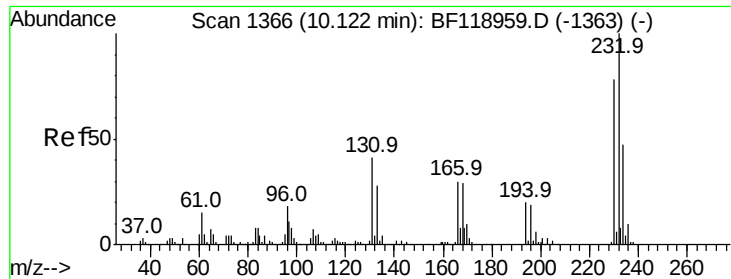
#58
 Fluorene
 Concen: 46.646 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	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

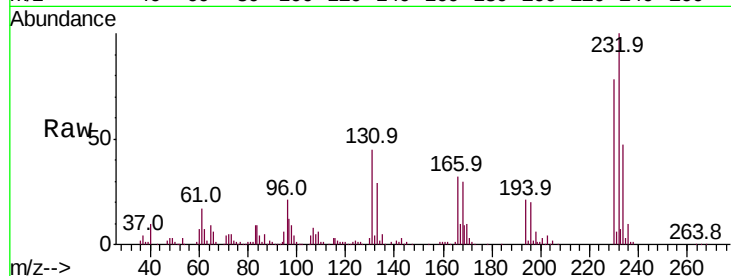




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.018 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.8	50.8
130	2.6	1.8	2.6
166	28.2	23.0	34.4



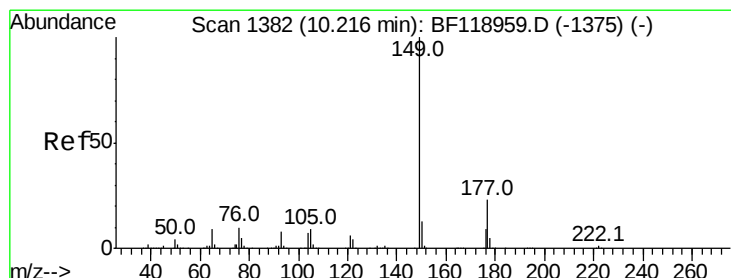
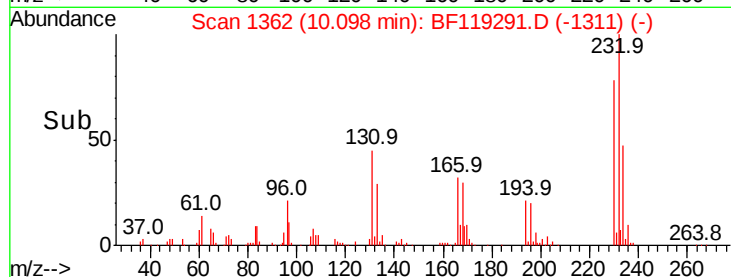
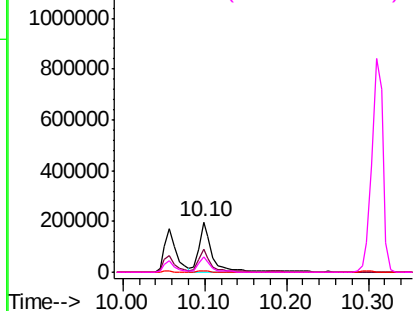
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

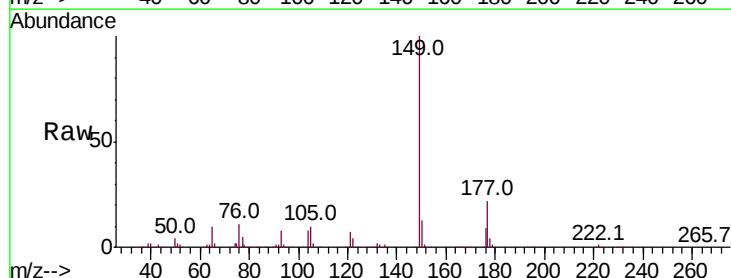
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.828 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.2
150	13.1	10.5	15.7

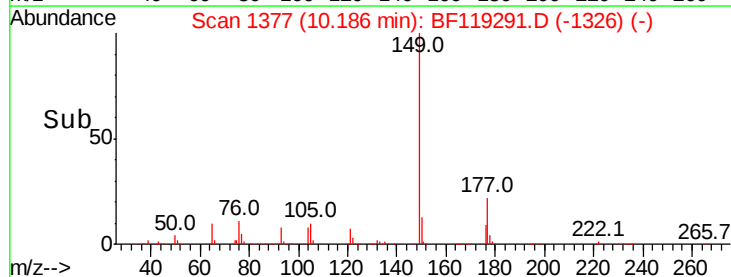
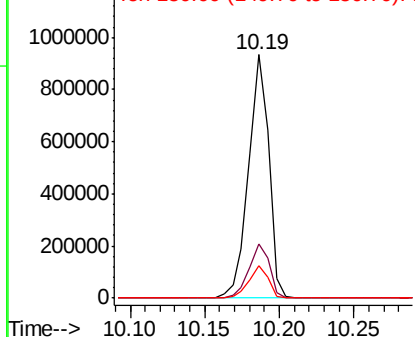


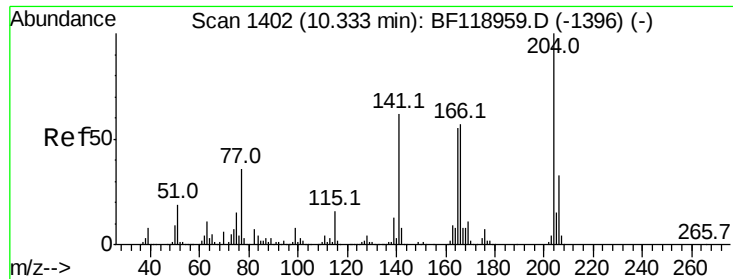
Abundance

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

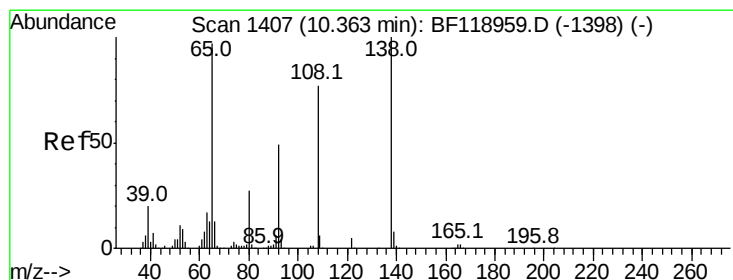
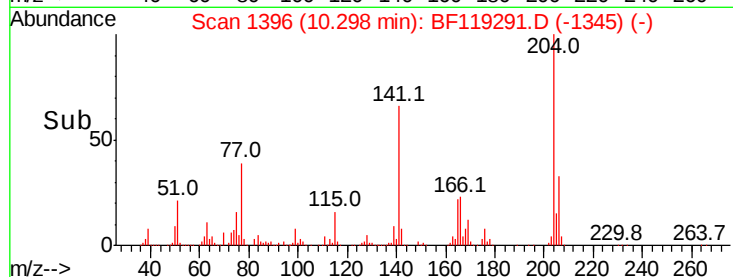
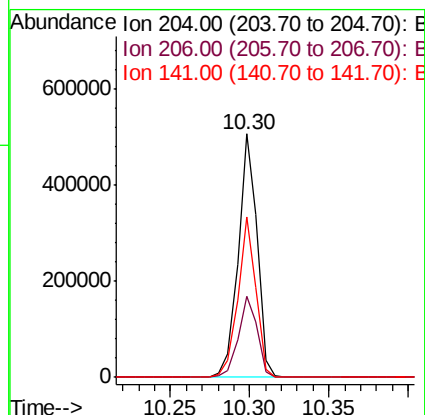
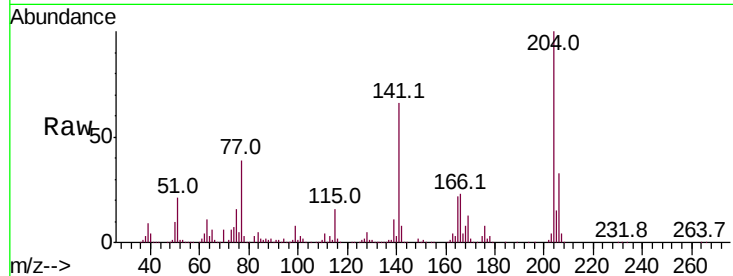




#61
4-Chlorophenyl-phenylether
Concen: 46.038 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

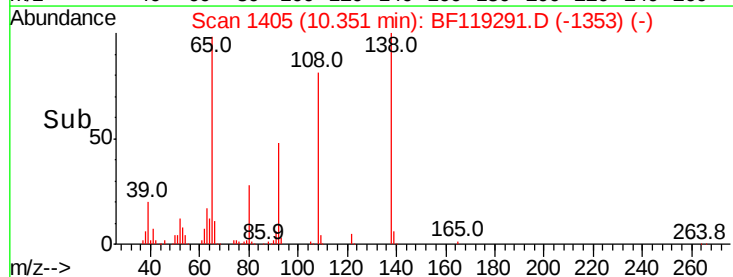
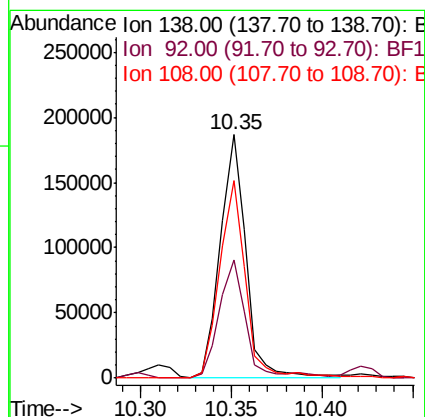
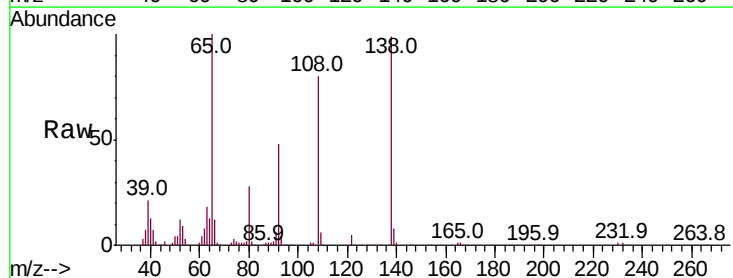
Instrument :
BNA_F
ClientSampleId :

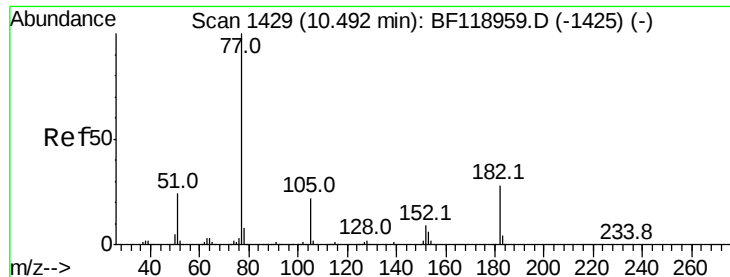
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.1	40.7
141	65.8	52.9	79.3



#62
4-Nitroaniline
Concen: 37.101 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.3	67.3
108	81.1	57.0	97.0

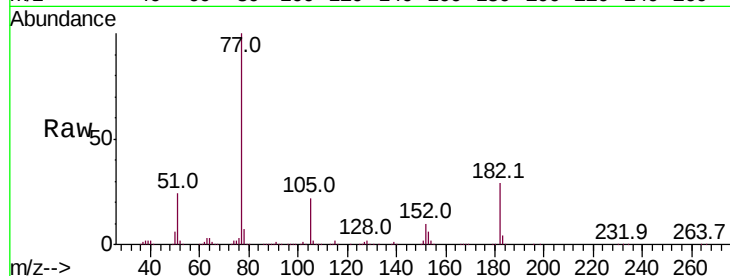




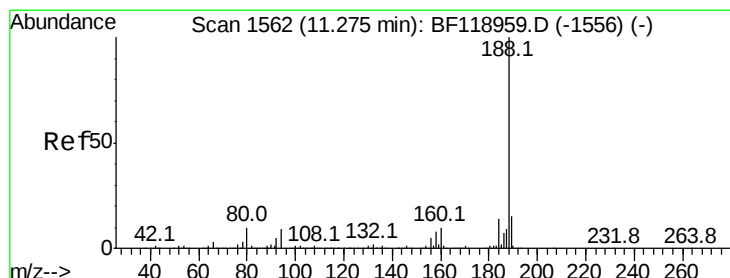
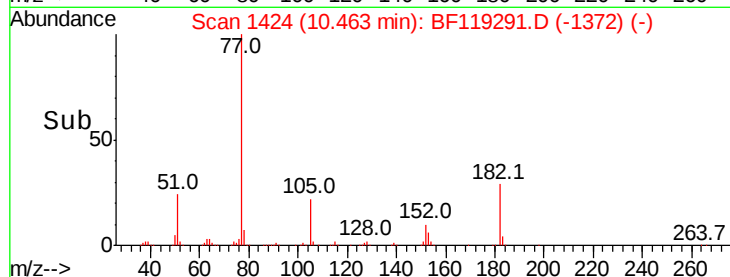
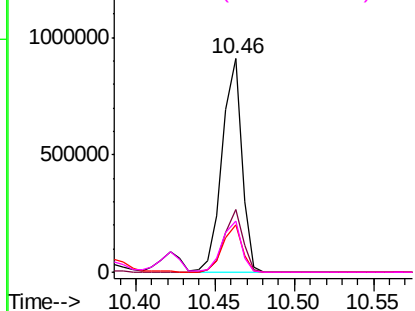
#63
Azobenzene
Concen: 48.323 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	11.4	51.4
105	22.4	3.4	43.4
51	24.2	5.1	45.1

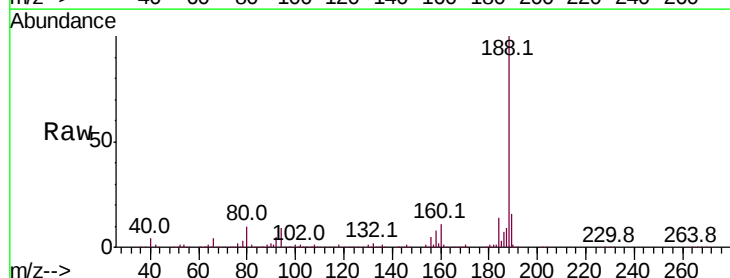


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

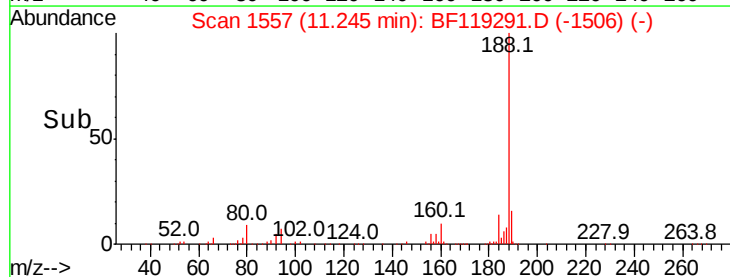
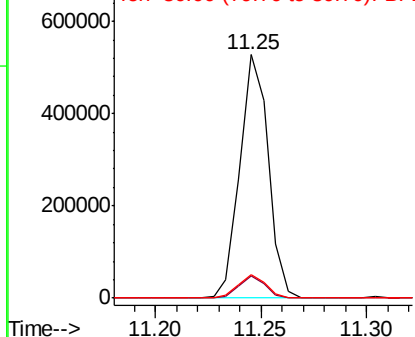


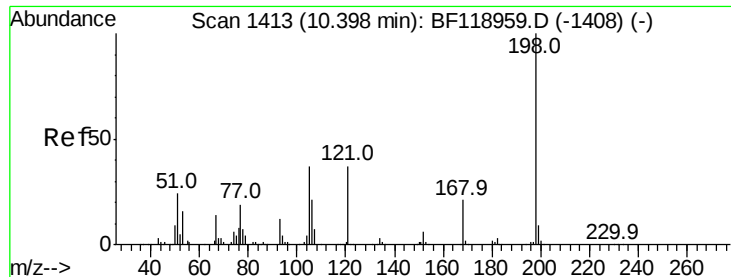
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	9.8	7.8	11.8



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

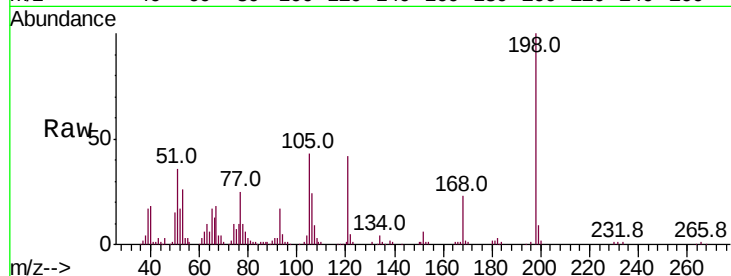




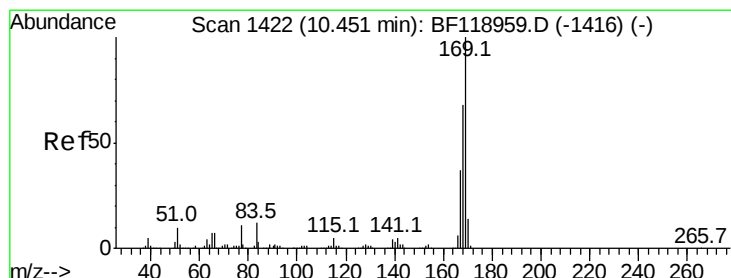
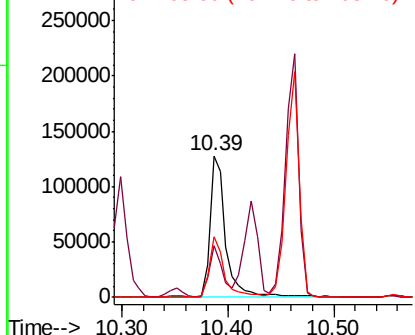
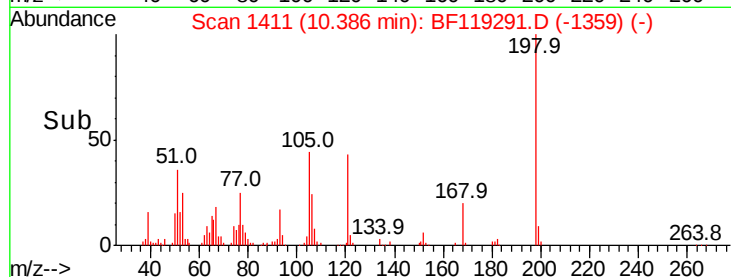
#65
4,6-Dinitro-2-methylphenol
Concen: 45.363 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 134738
Ion Ratio Lower Upper
198 100
51 36.5 14.2 54.2
105 43.1 22.7 62.7

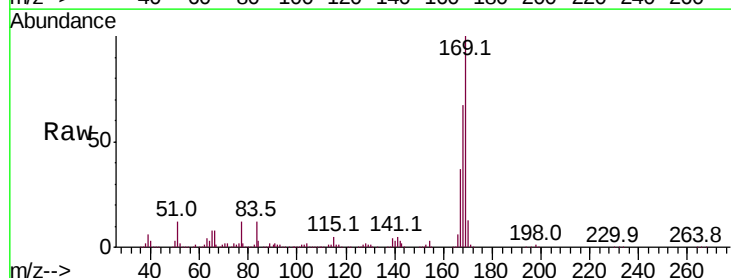


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

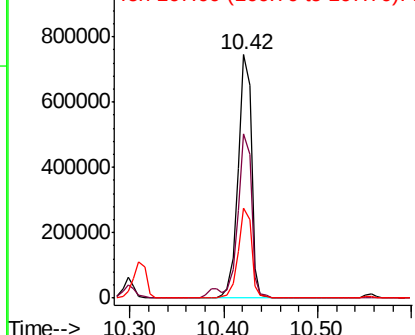
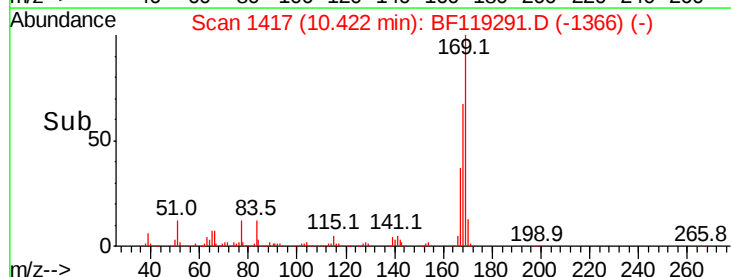


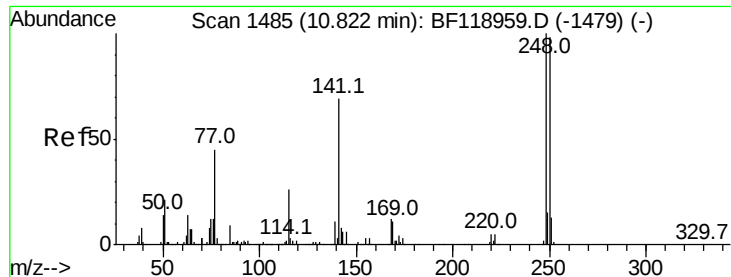
#66
n-Nitrosodiphenylamine
Concen: 45.447 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:169 Resp: 730427
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 37.1 29.4 44.0



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

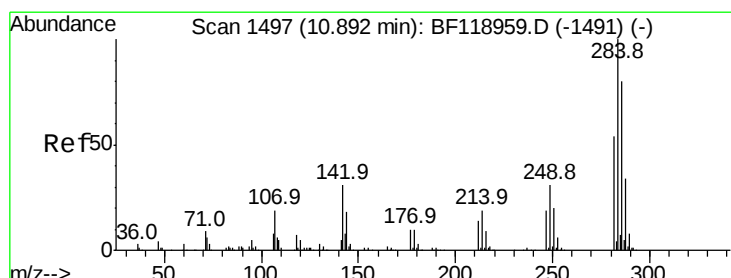
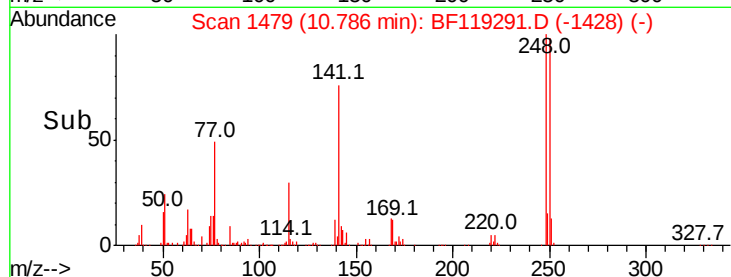
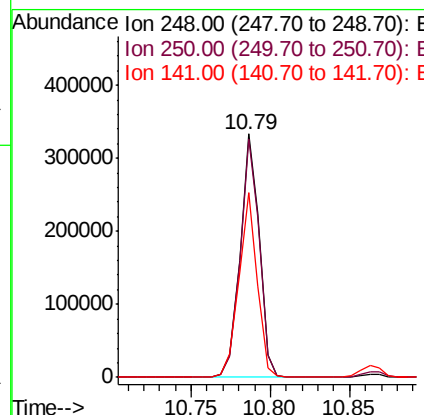
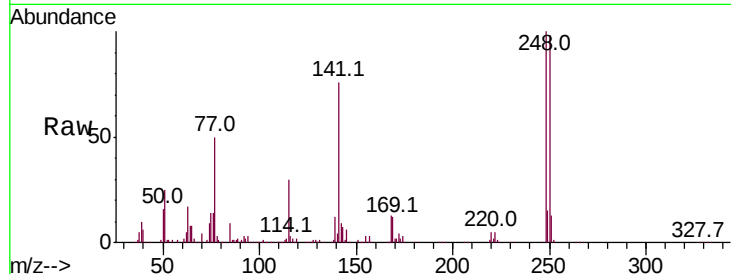




#67
4-Bromophenyl-phenylether
Concen: 43.438 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

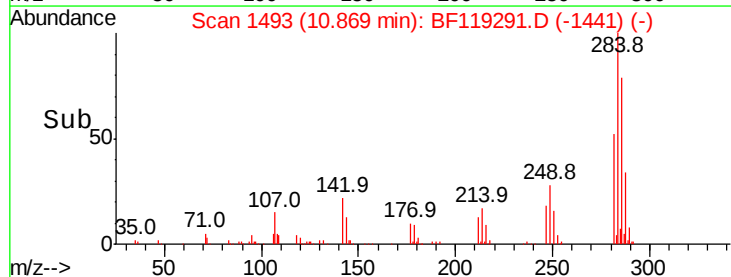
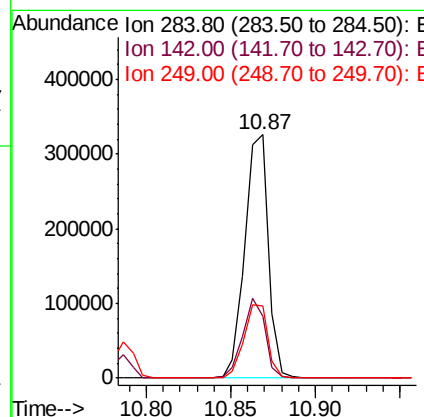
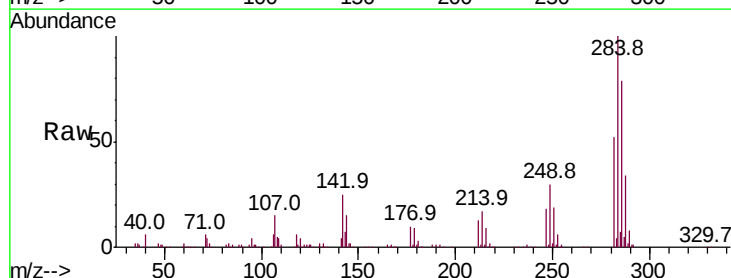
Instrument :
BNA_F
ClientSampleId :

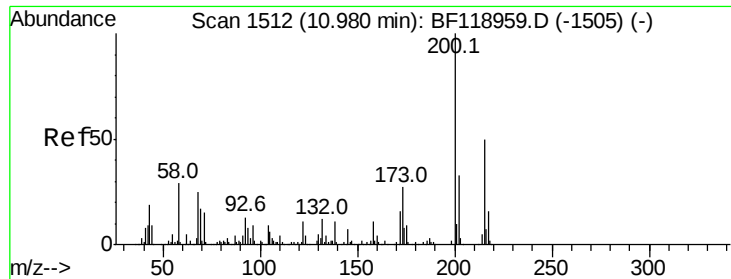
Tot Ion:248 Resp: 278703
Ion Ratio Lower Upper
248 100
250 97.8 76.7 115.1
141 75.8 60.7 91.1



#68
Hexachlorobenzene
Concen: 42.918 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:284 Resp: 317476
Ion Ratio Lower Upper
284 100
142 25.4 23.7 35.5
249 29.8 25.0 37.6

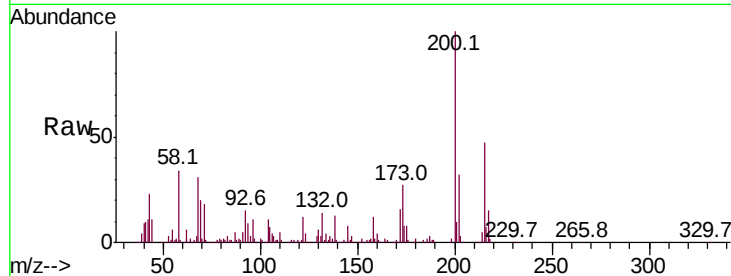




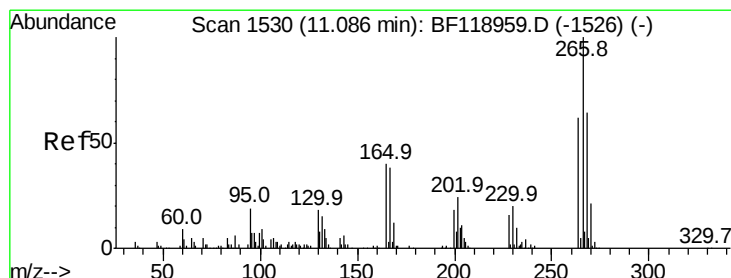
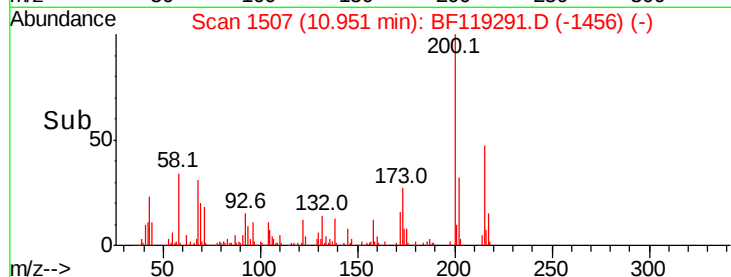
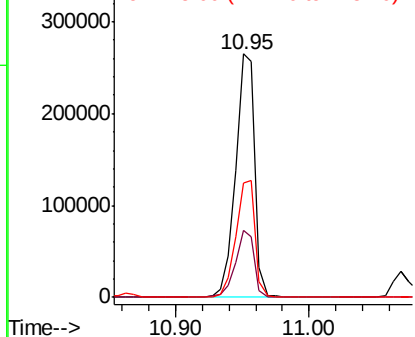
#69
Atrazine
Concen: 47.560 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 267072
Ion Ratio Lower Upper
200 100
173 27.5 6.4 46.4
215 46.8 27.4 67.4

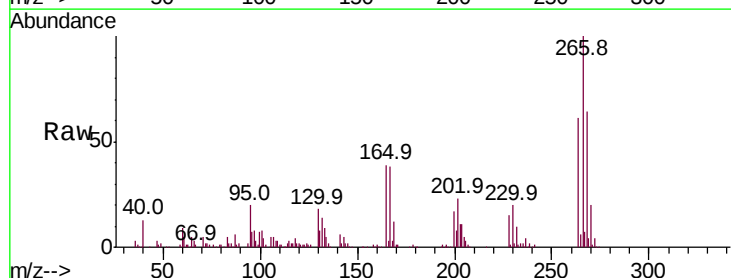


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

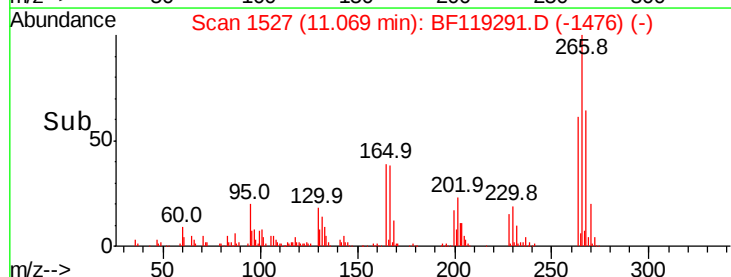
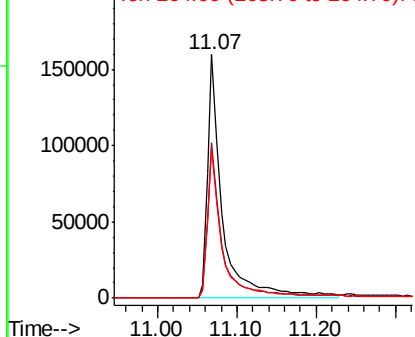


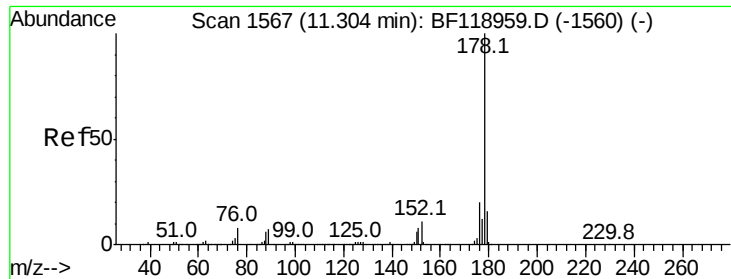
#70
Pentachlorophenol
Concen: 71.551 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:266 Resp: 213210
Ion Ratio Lower Upper
266 100
268 64.0 51.9 77.9
264 61.4 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

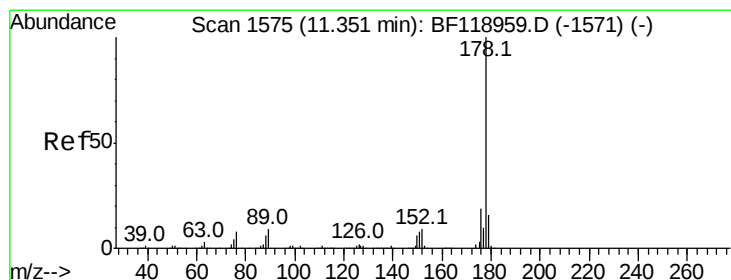
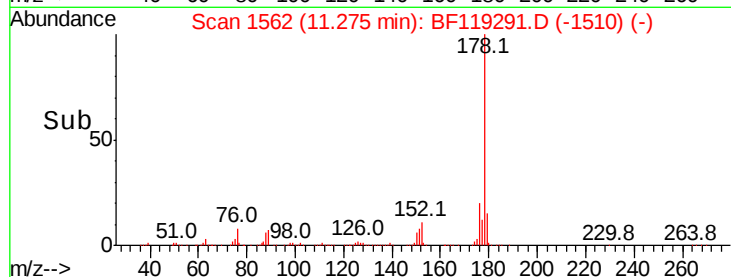
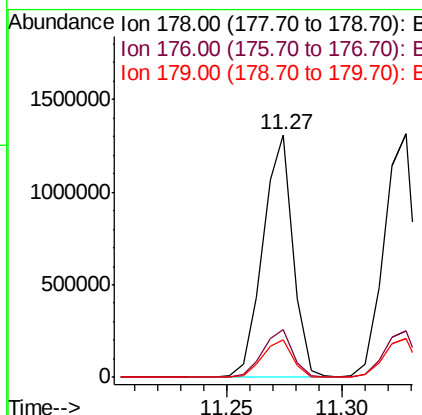
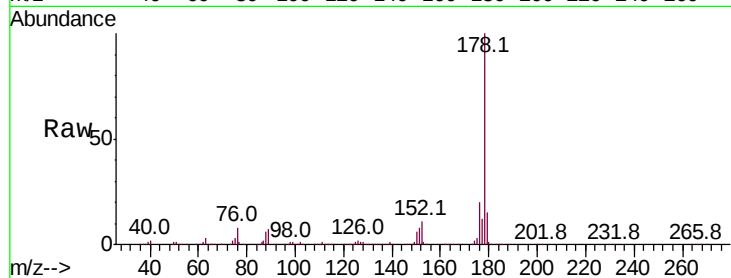




#71
Phenanthrene
Concen: 44.333 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

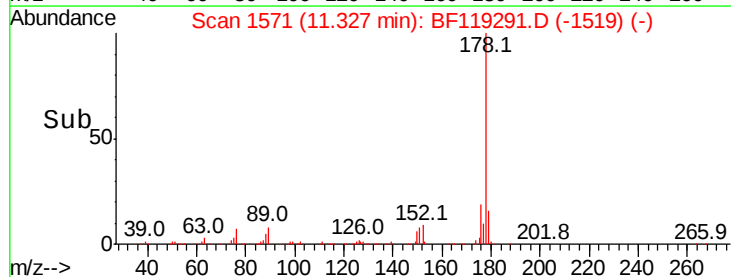
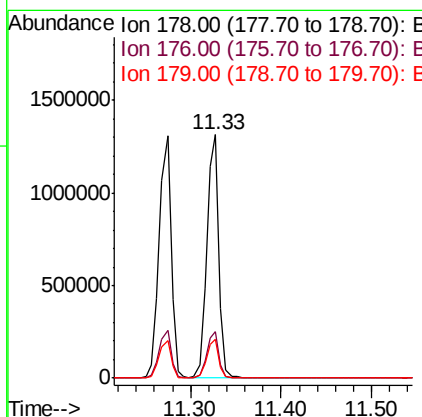
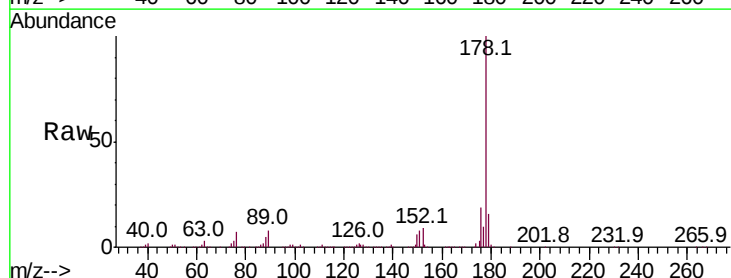
Instrument :
BNA_F
ClientSampleId :

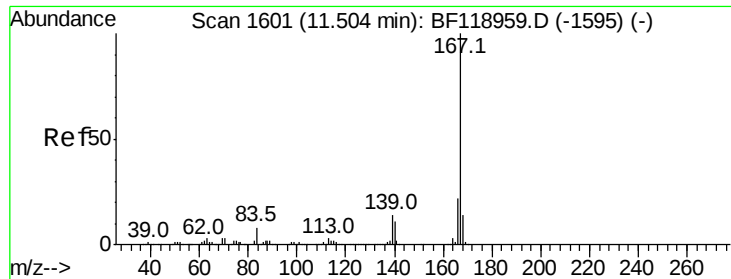
Tot Ion:178 Resp: 1186739
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.2 13.0 19.6



#72
Anthracene
Concen: 46.001 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:178 Resp: 1230344
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.8 13.1 19.7

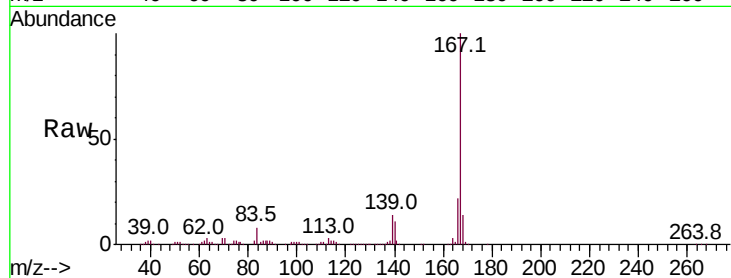




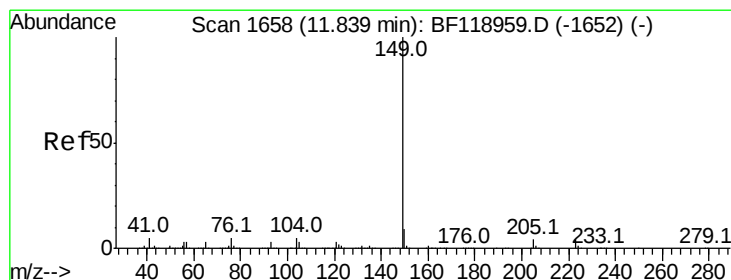
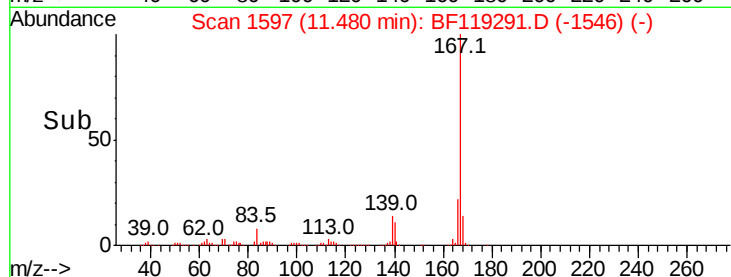
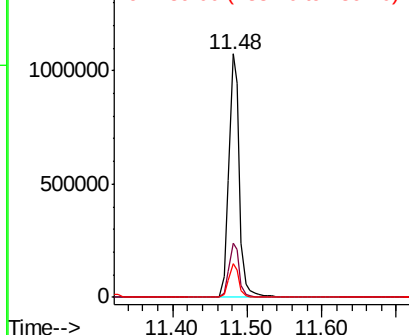
#73
 Carbazole
 Concen: 44.948 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1071008
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.9 11.7 17.5

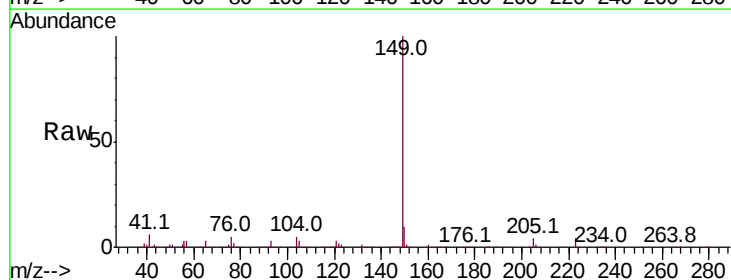


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

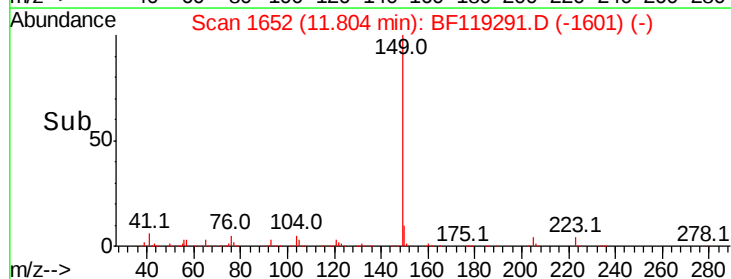
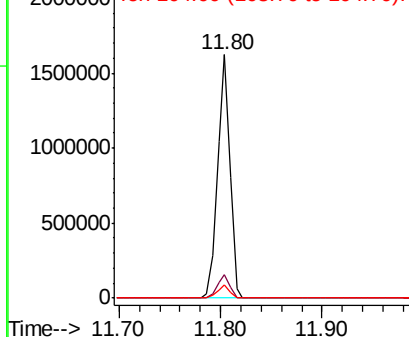


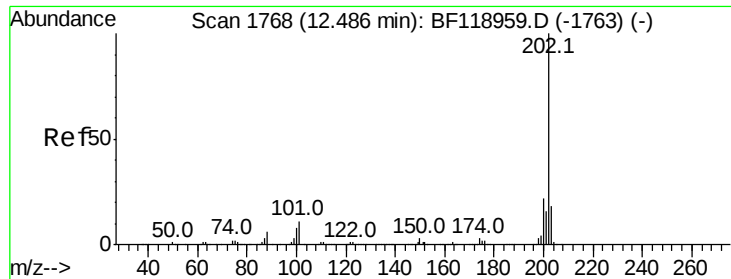
#74
 Di-n-butylphthalate
 Concen: 47.270 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:149 Resp: 1364009
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.962 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

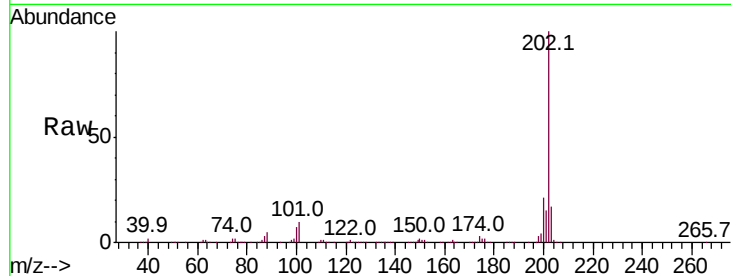
Tot Ion:202 Resp: 1277547

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.3

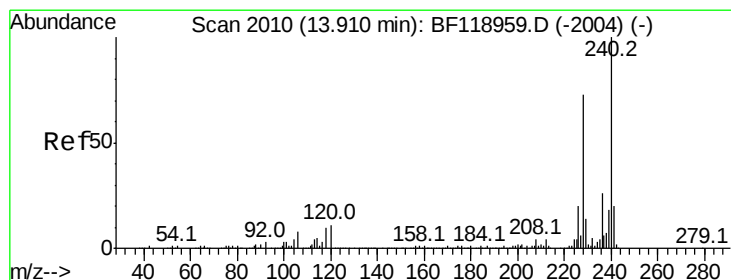
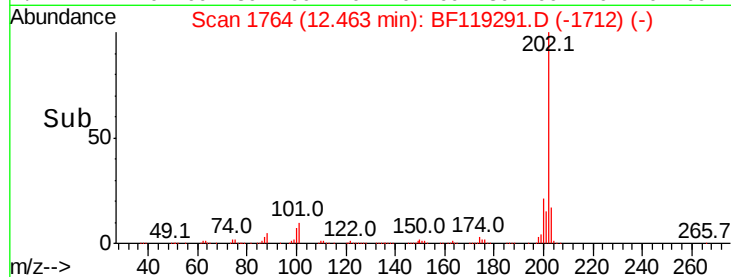
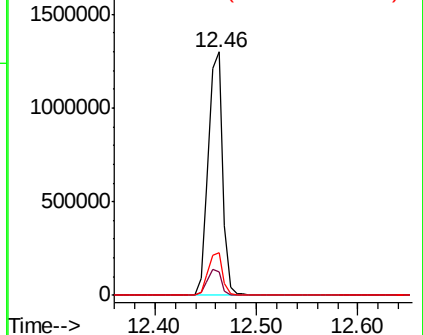
203 17.5 0.0 38.4



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: BF119291.D

Acq: 9 Mar 2020 18:53

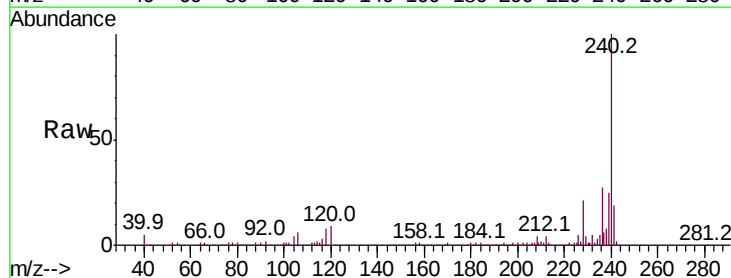
Tgt Ion:240 Resp: 359328

Ion Ratio Lower Upper

240 100

120 8.8 8.4 12.6

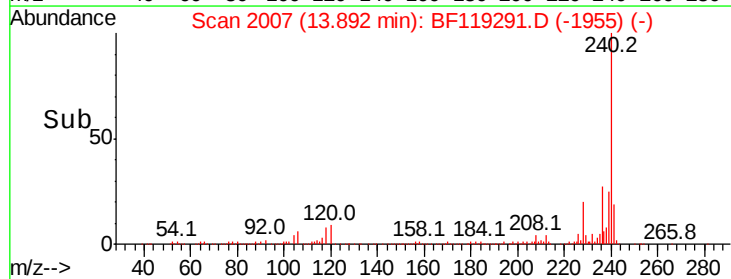
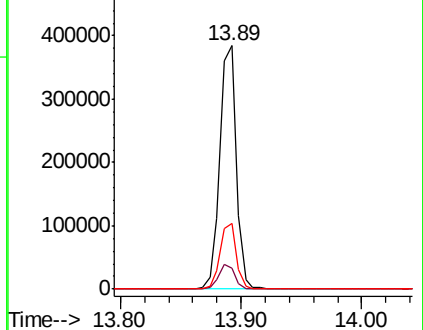
236 26.9 21.0 31.4

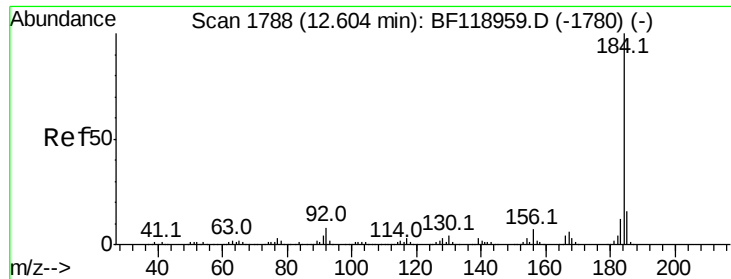


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.875 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

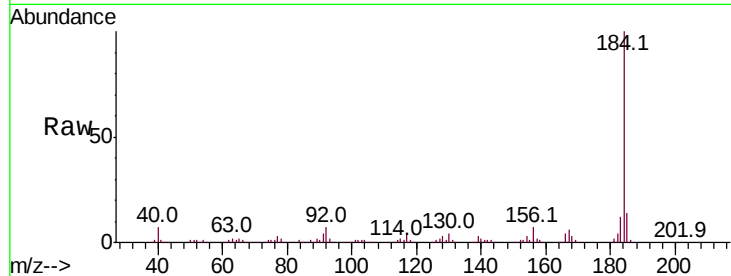
Tot Ion:184 Resp: 348903

Ion Ratio Lower Upper

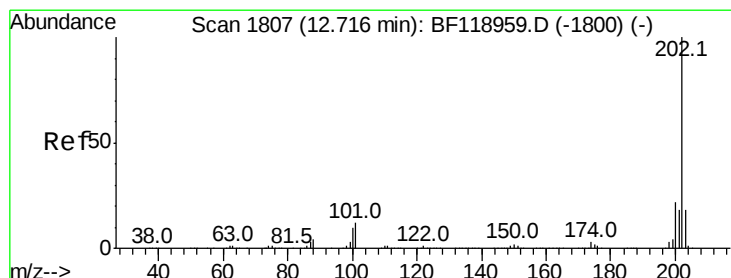
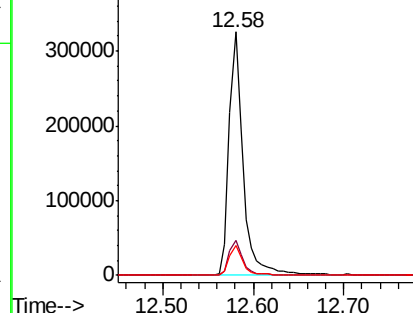
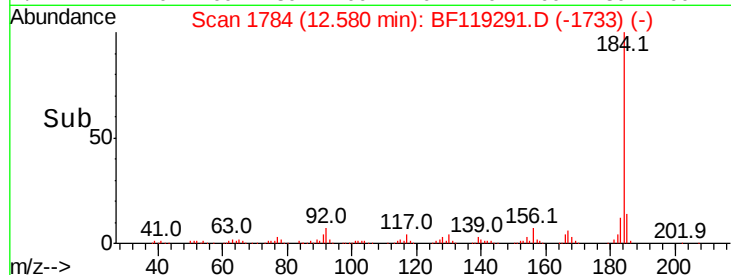
184 100

185 14.5 12.2 18.4

183 12.1 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: 44.511 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

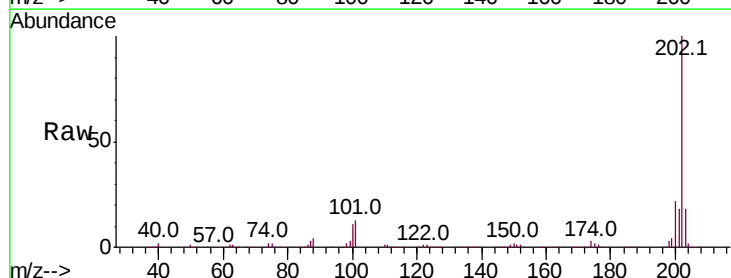
Tgt Ion:202 Resp: 1284296

Ion Ratio Lower Upper

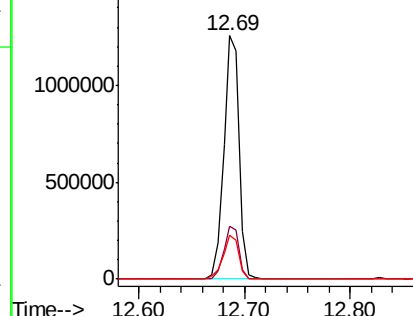
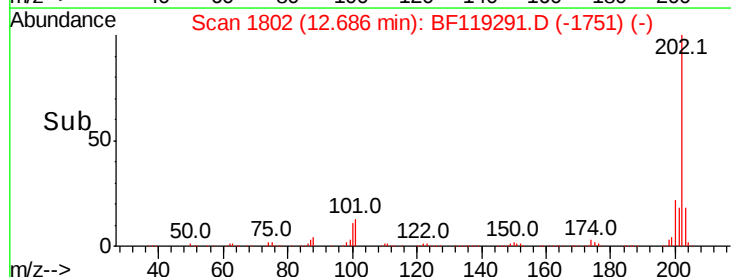
202 100

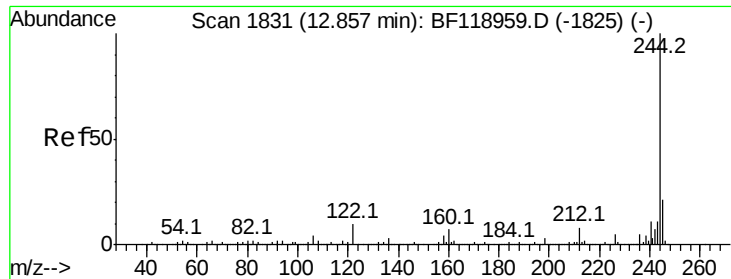
200 21.8 18.0 27.0

203 17.9 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: 79.409 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

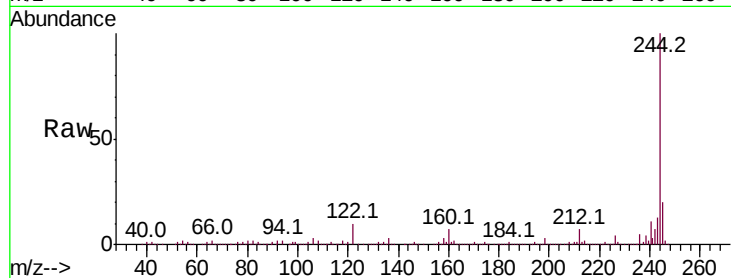
Tot Ion:244 Resp: 1657328

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

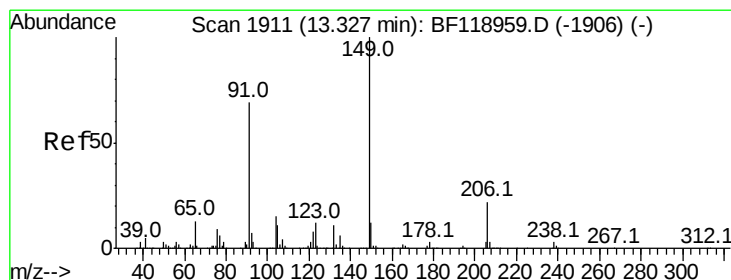
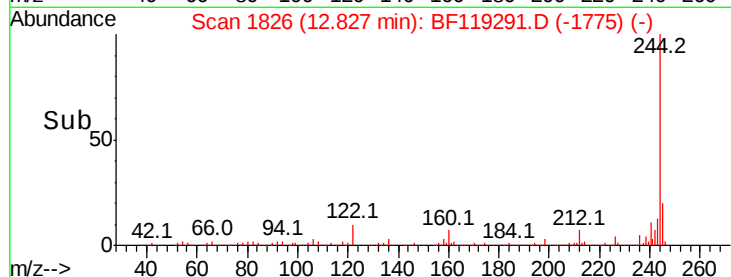
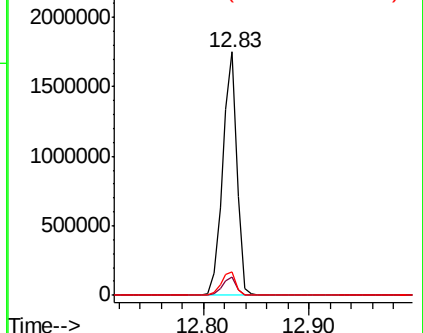
122 9.6 8.2 12.2



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: 46.913 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

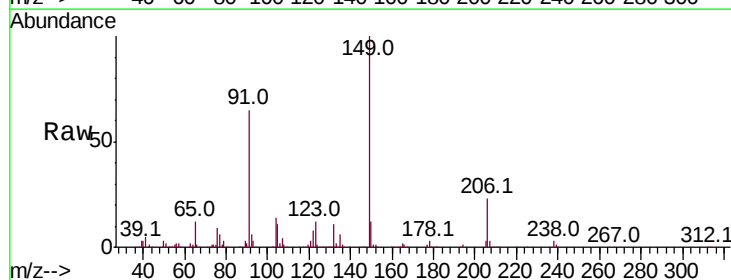
Tgt Ion:149 Resp: 569697

Ion Ratio Lower Upper

149 100

91 65.3 52.3 78.5

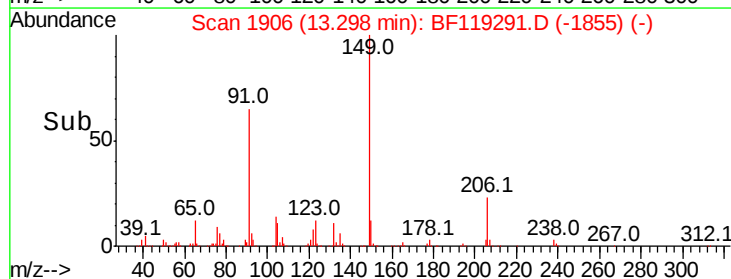
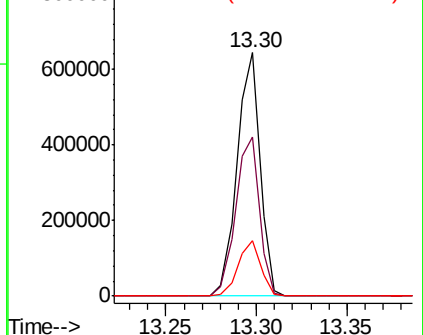
206 22.9 18.5 27.7

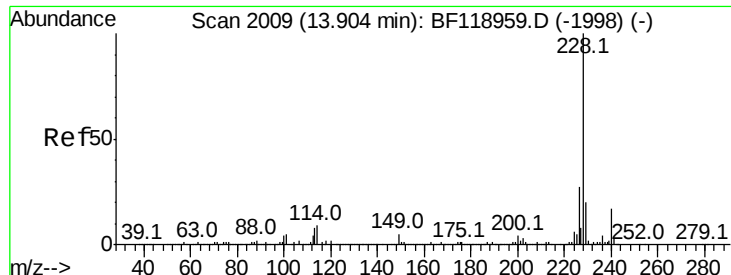


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.444 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

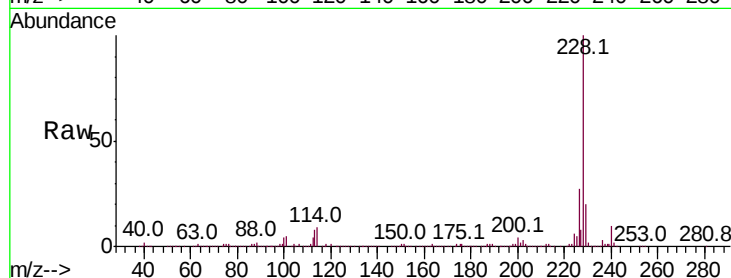
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1137102

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	16.6	24.8

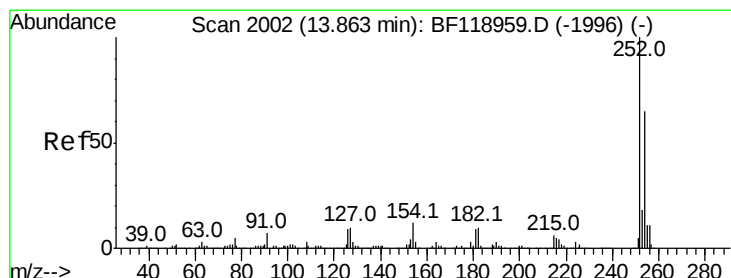
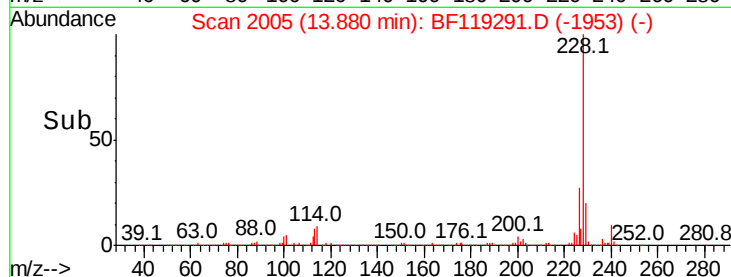
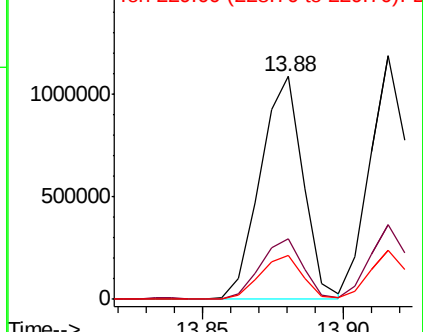


Abundance

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: 35.700 ng

RT: 13.83 min Scan# 1997

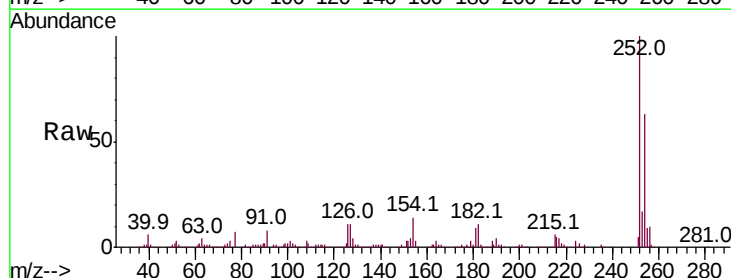
Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Tgt Ion:252 Resp: 339403

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.6	77.4
126	10.8	7.4	11.0

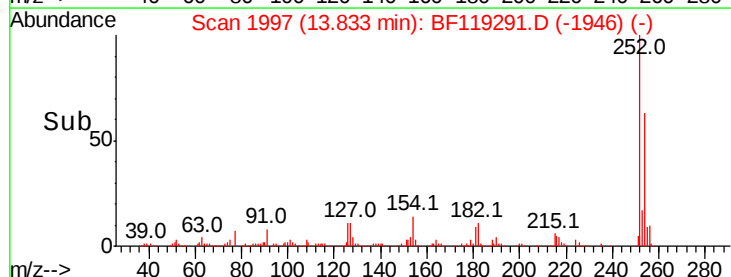
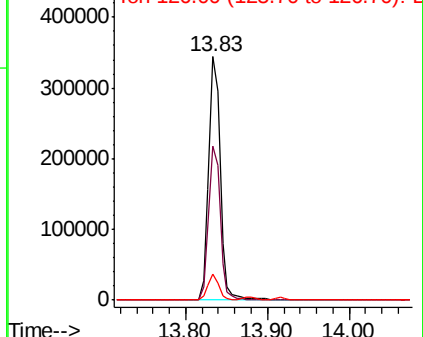


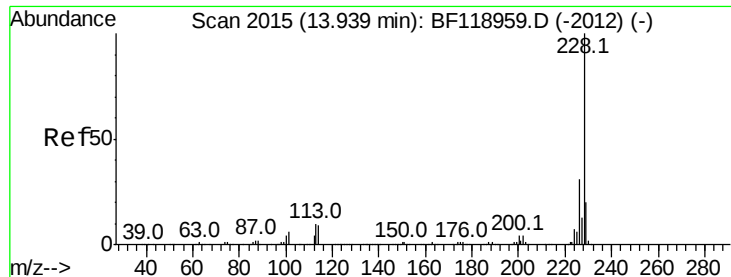
Abundance

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



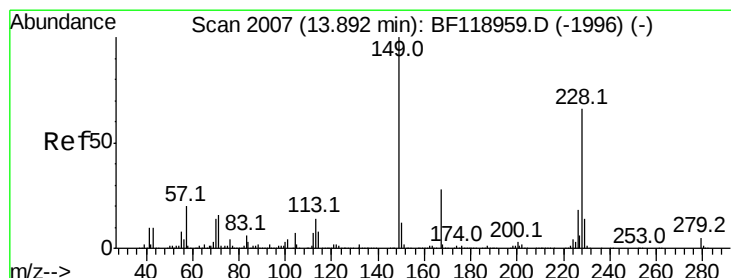
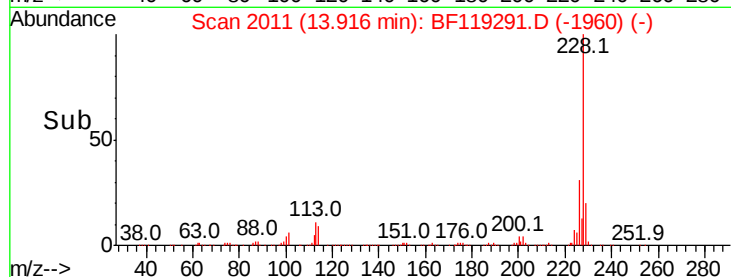
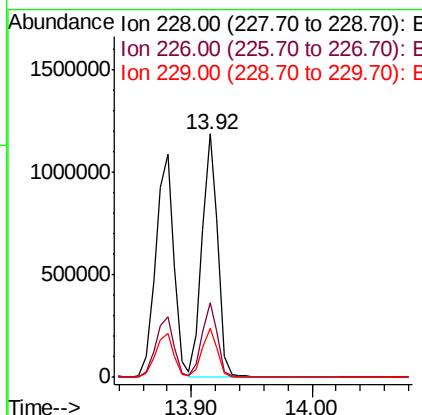
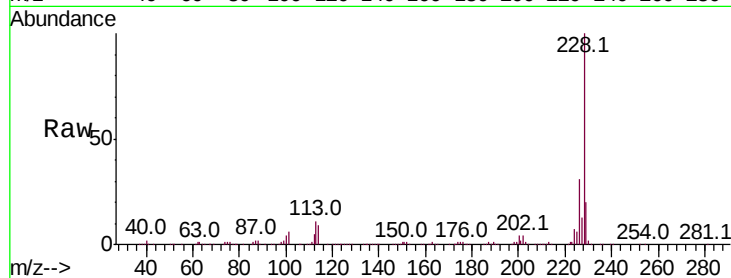


#83
 Chrvsene
 Concen: 43.837 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1069428

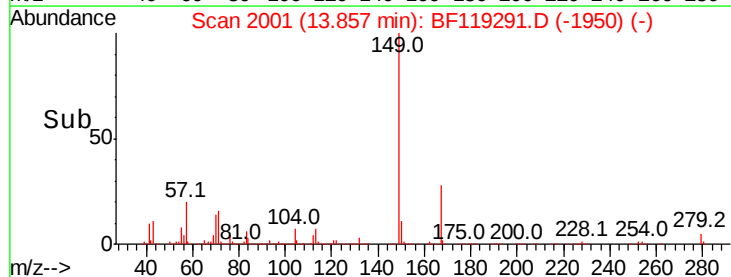
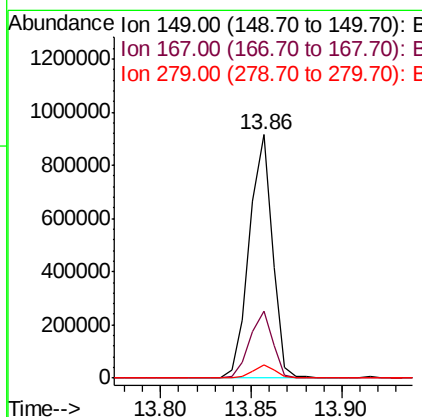
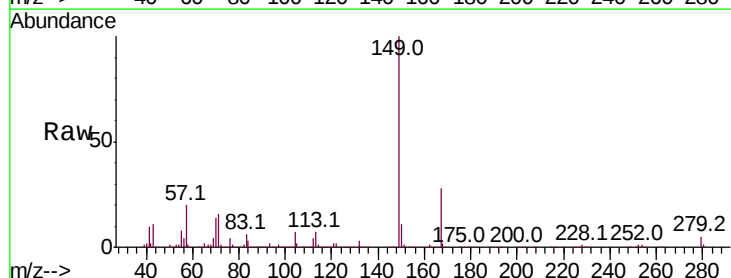
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	19.9	16.3	24.5

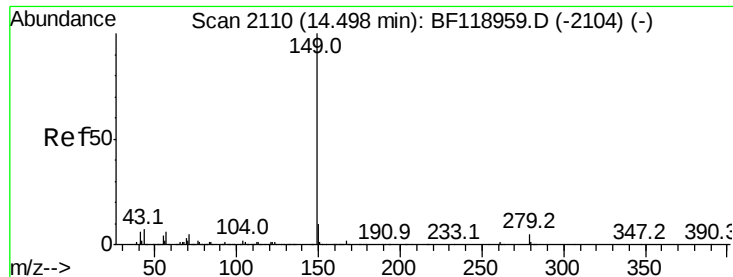


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.010 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119291.D
 Acq: 9 Mar 2020 18:53

Tgt Ion:149 Resp: 813276

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.4	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 52.722 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

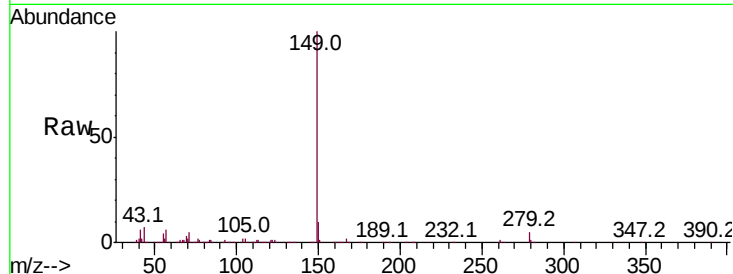
Tot Ion:149 Resp: 1288752

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

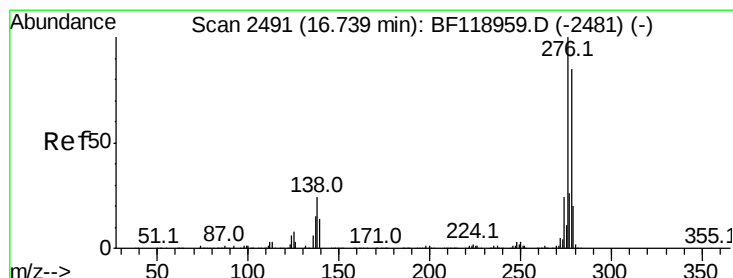
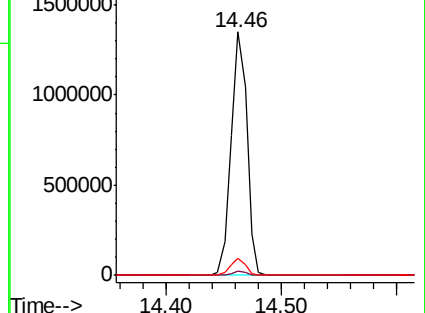
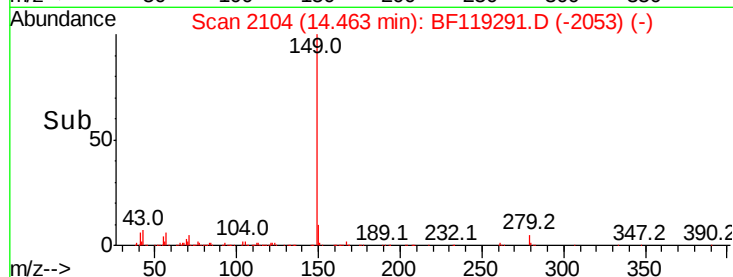
43 6.7 5.7 8.5



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: 37.306 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

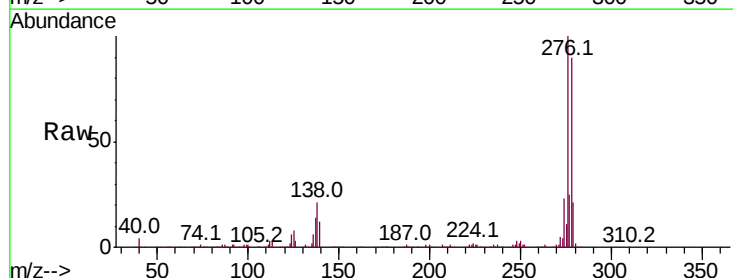
Tgt Ion:276 Resp: 881228

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

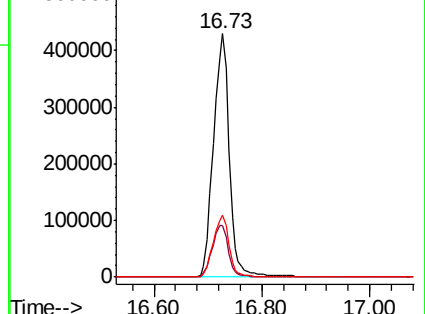
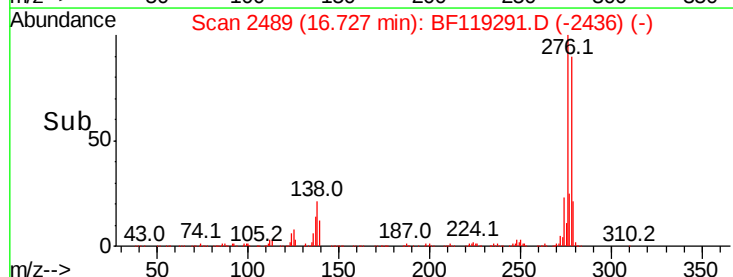
277 25.5 20.3 30.5

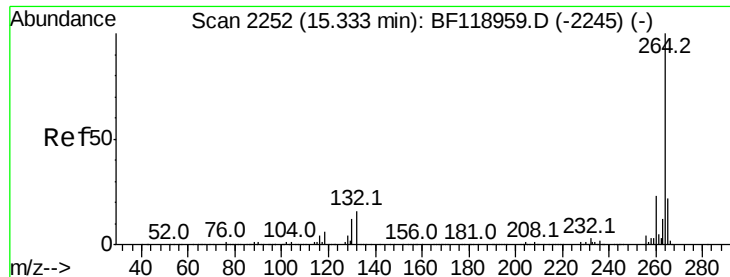


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

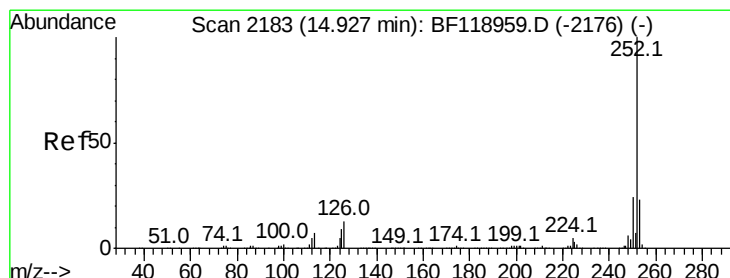
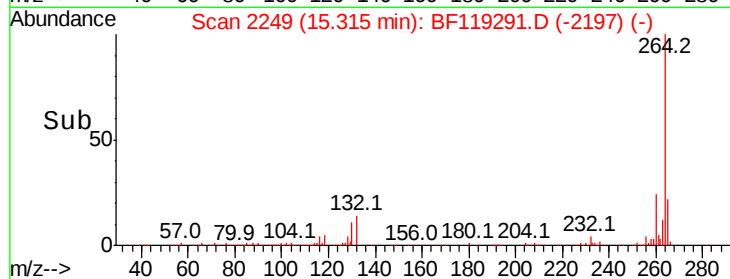
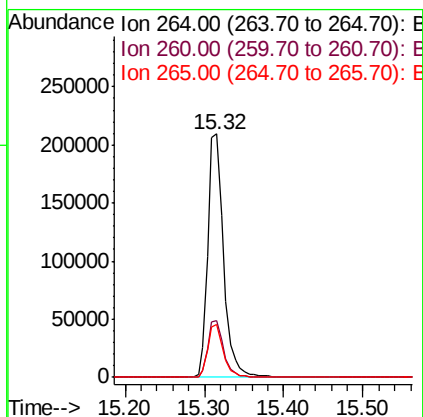
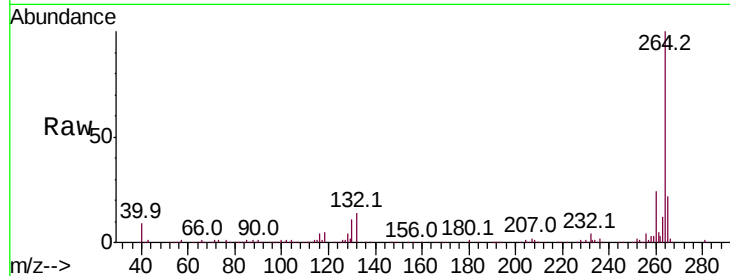




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

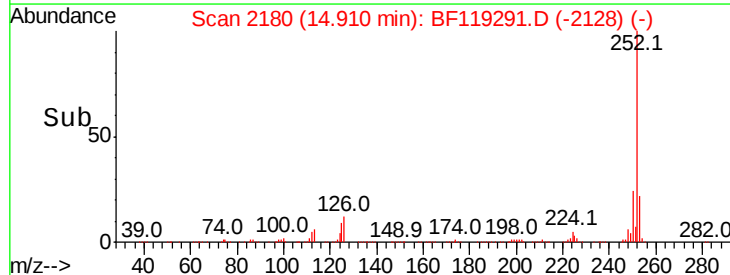
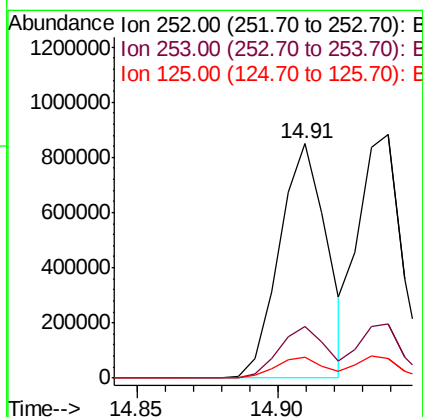
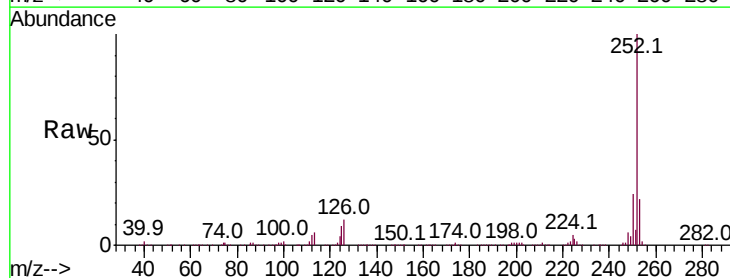
Instrument :
BNA_F
ClientSampled :

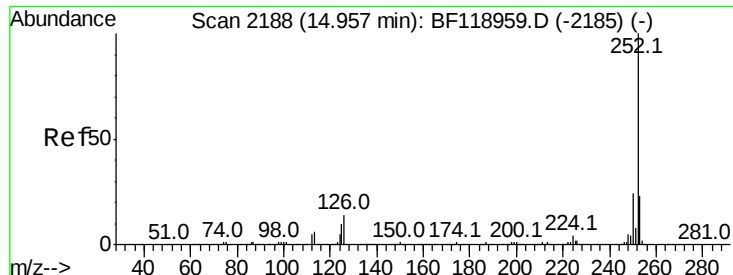
Tot Ion:264 Resp: 290599
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 51.670 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:252 Resp: 989732
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 8.9 7.4 11.0

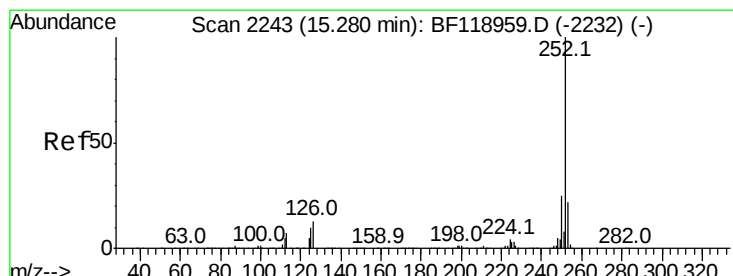
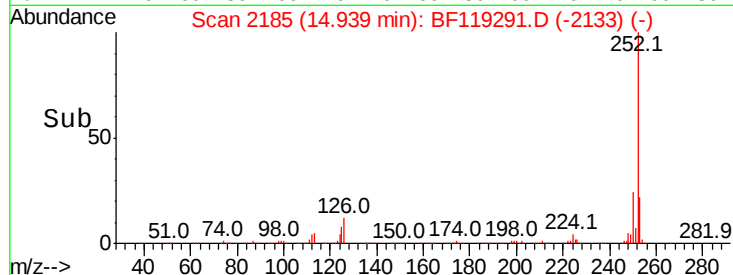
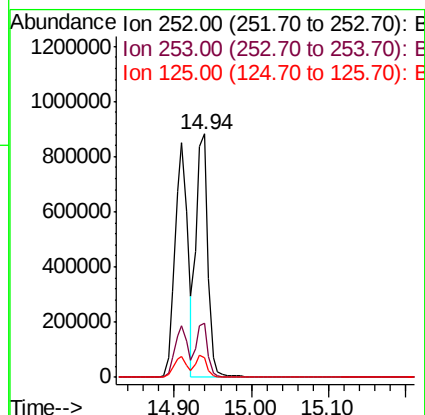
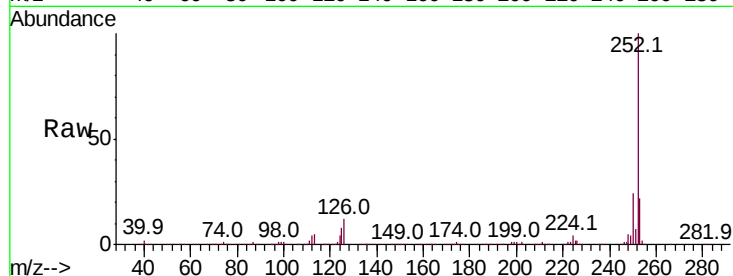




#89
Benzo(k)fluoranthene
Concen: 53.376 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

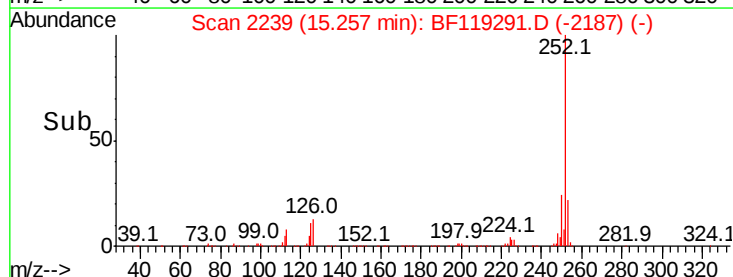
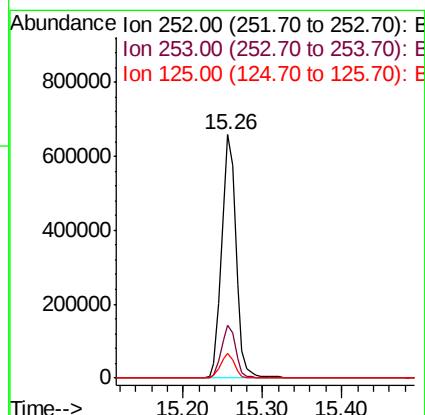
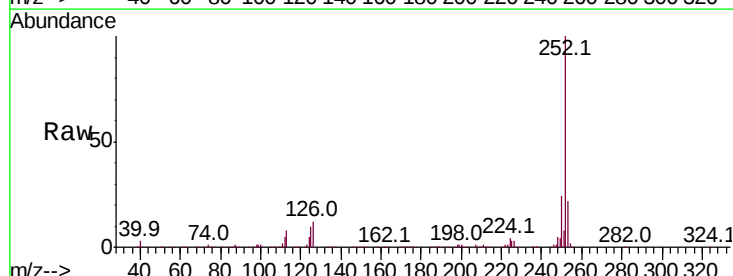
Instrument :
BNA_F
ClientSampleId :

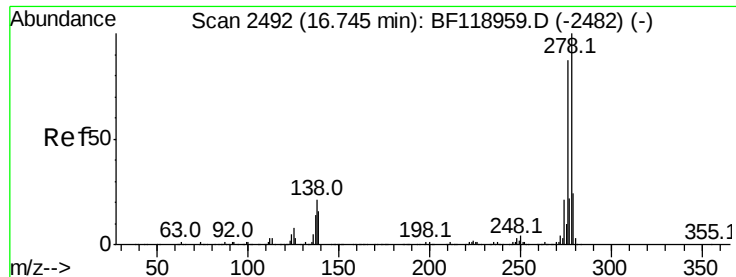
Tot Ion:252 Resp: 947489
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 48.281 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119291.D
Acq: 9 Mar 2020 18:53

Tgt Ion:252 Resp: 834666
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 49.122 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

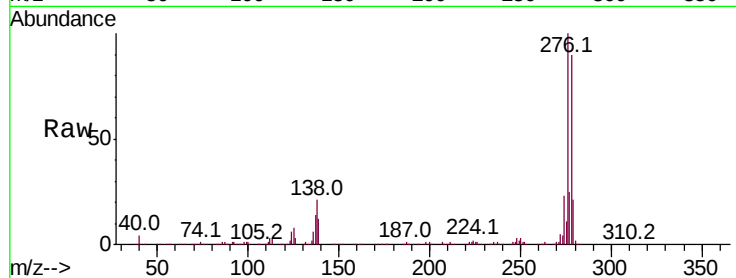
Tot Ion:278 Resp: 747197

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

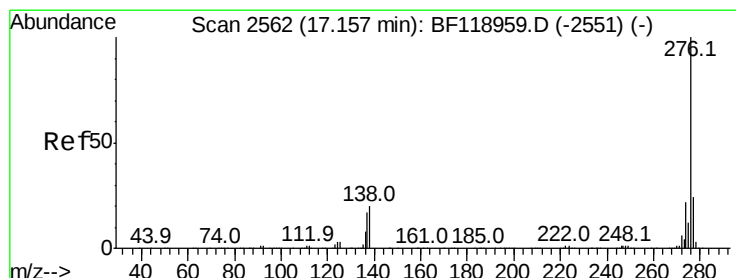
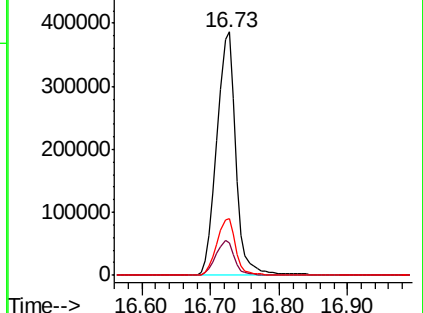
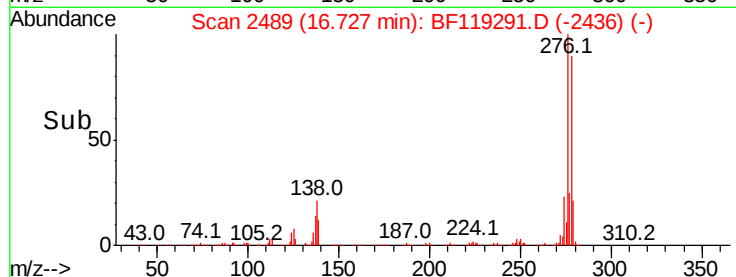
279 23.5 18.6 28.0



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: 48.204 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF119291.D

Acq: 9 Mar 2020 18:53

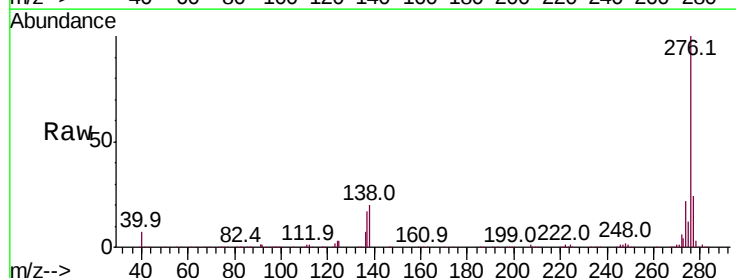
Tgt Ion:276 Resp: 724475

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 19.8 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

