

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122186.D
 Acq On : 30 Oct 2020 18:13
 Operator : JU/CG
 Sample : L4554-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Oct 30 18:38:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

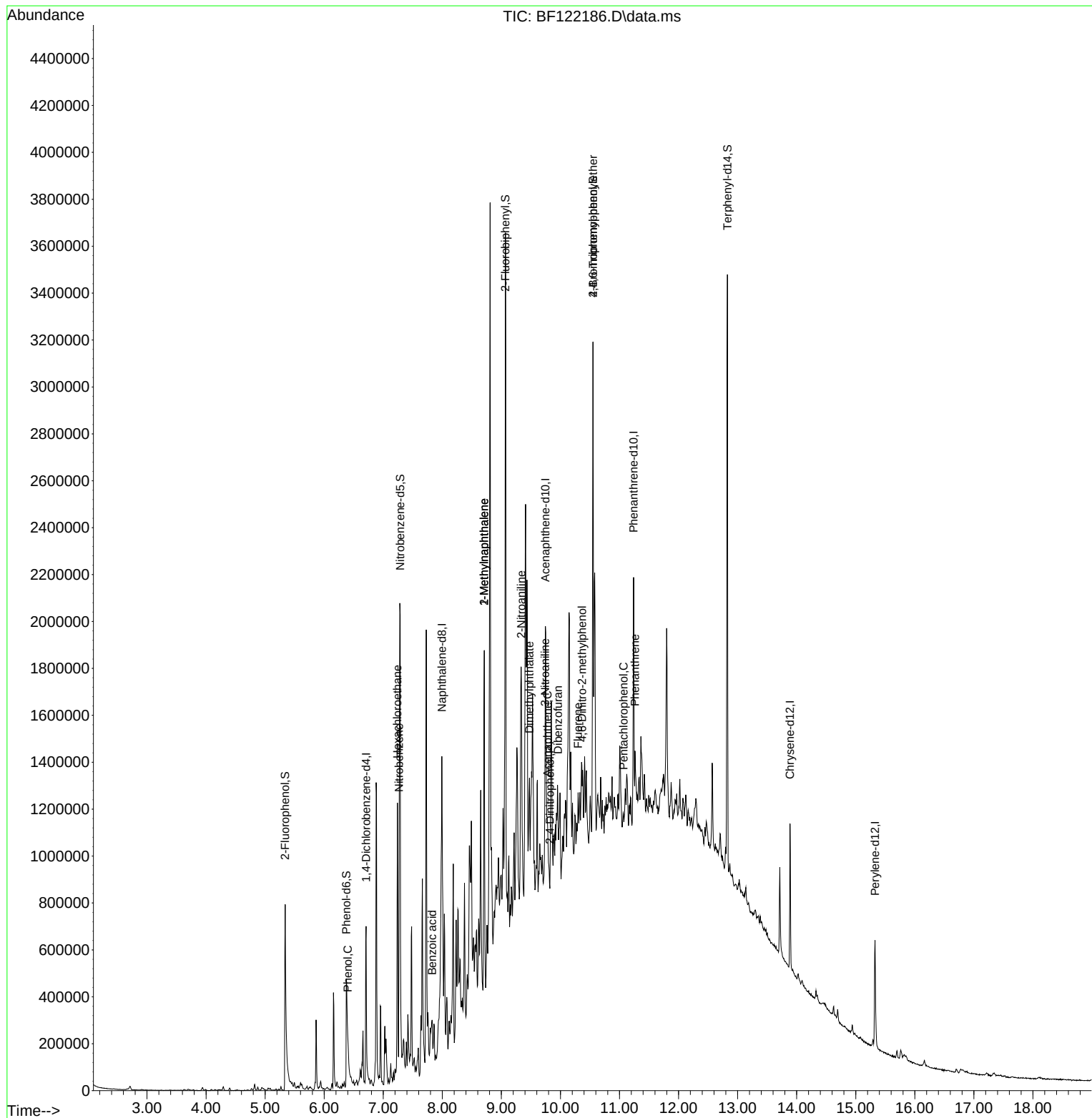
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	106845	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	400992	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	198134	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	328296	20.00	ng	0.00
76) Chrysene-d12	13.886	240	212971	20.00	ng	0.00
86) Perylene-d12	15.327	264	222390	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	363797	50.25	ng	0.00
7) Phenol-d6	6.375	99	283192	30.39	ng	0.00
23) Nitrobenzene-d5	7.287	82	677540	86.65	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	318868	130.10	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1084811	80.56	ng	0.00
79) Terphenyl-d14	12.827	244	851544	76.20	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.398	94	48382	5.03	ng	94
18) Hexachloroethane	7.240	117	106060	35.53	ng	# 1
24) Nitrobenzene	7.269	77	20523	2.46	ng	# 1
32) Benzoic acid	7.828	122	10063	9.94	ng	# 58
37) 2-Methylnaphthalene	8.710	142	393284	28.27	ng	98
38) 1-Methylnaphthalene	8.710	142	393284	30.53	ng	96
48) 2-Nitroaniline	9.339	65	10609	2.57	ng	# 39
50) Dimethylphthalate	9.475	163	101931	7.04	ng	# 84
52) Acenaphthene	9.781	154	39123	3.42	ng	# 84
53) 3-Nitroaniline	9.739	138	12443	3.44	ng	# 18
54) 2,4-Dinitrophenol	9.822	184	1027	9.25	ng	# 1
55) Dibenzofuran	9.957	168	46444	2.77	ng	# 80
58) Fluorene	10.298	166	73103	5.42	ng	# 96
65) 4,6-Dinitro-2-methylph...	10.369	198	3229	5.77	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	18375	4.84	ng	# 1
70) Pentachlorophenol	11.069	266	235	8.07	ng	# 18
71) Phenanthrene	11.263	178	83100	4.62	ng	# 90

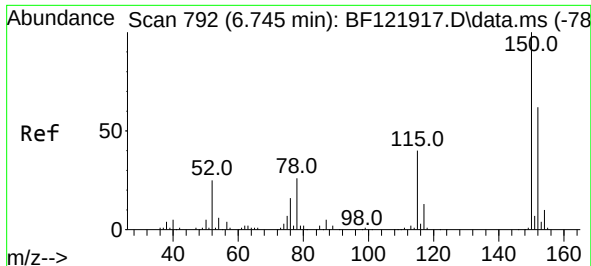
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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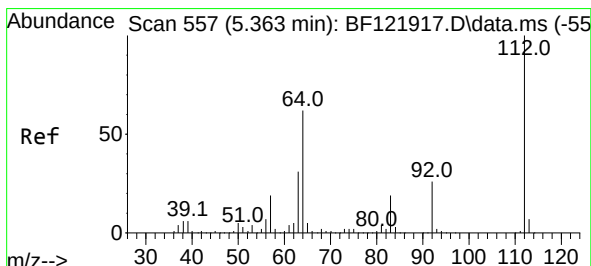
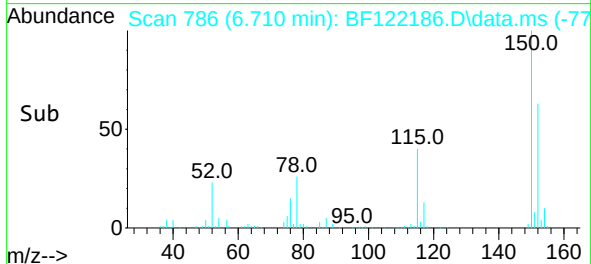
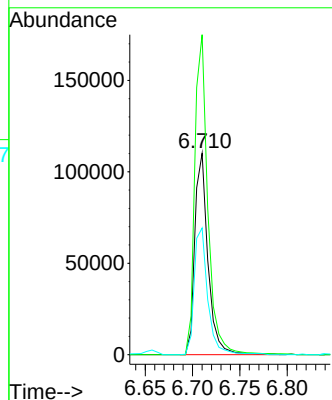
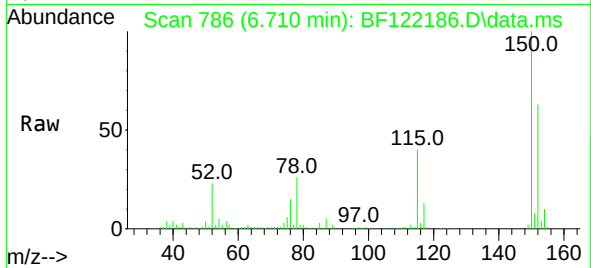




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

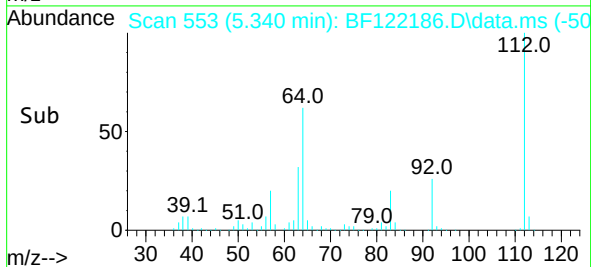
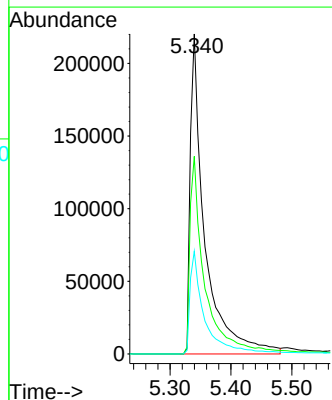
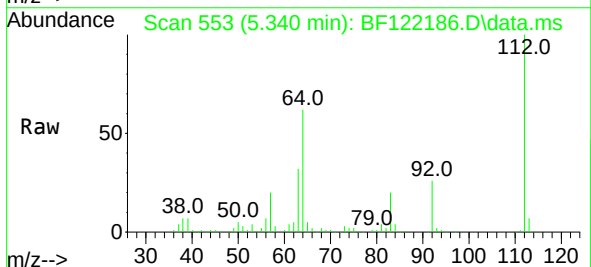
Instrument :
BNA_F
ClientSampleId :
MW-1

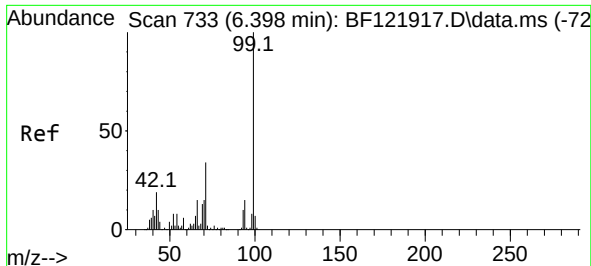
Tgt Ion:152 Resp: 106845
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 50.25 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:112 Resp: 363797
Ion Ratio Lower Upper
112 100
64 61.8 50.4 75.6
63 32.1 25.8 38.6

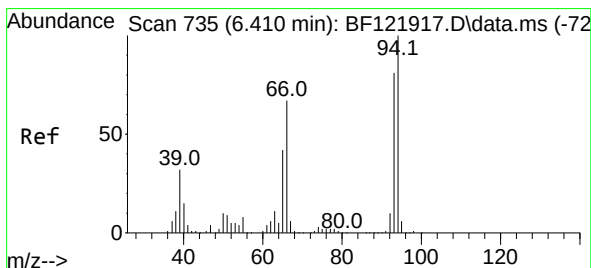
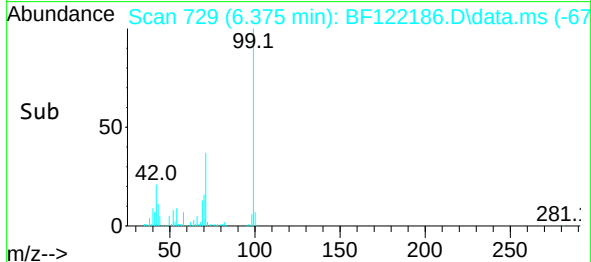
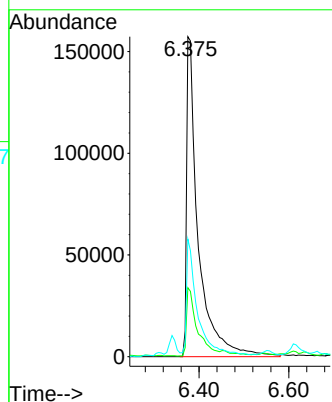
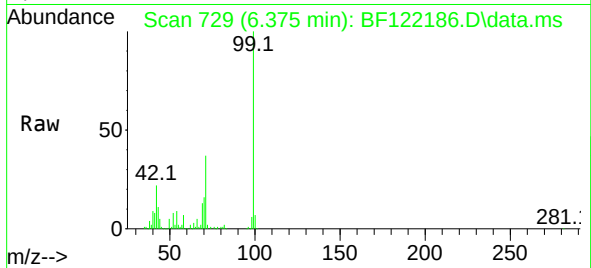




#7
Phenol-d6
Concen: 30.39 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

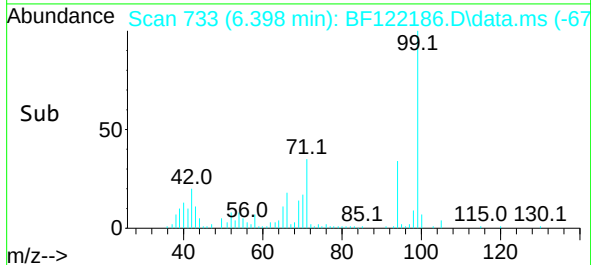
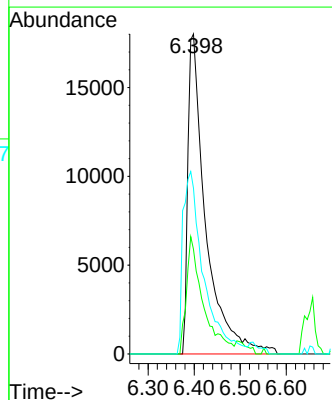
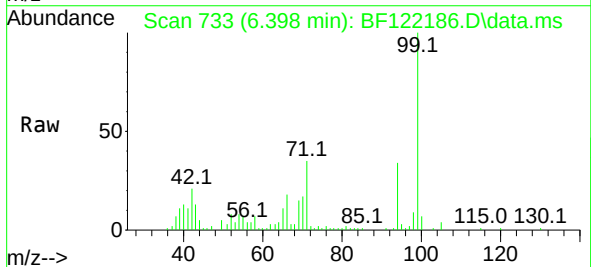
Instrument :
BNA_F
ClientSampleId :
MW-1

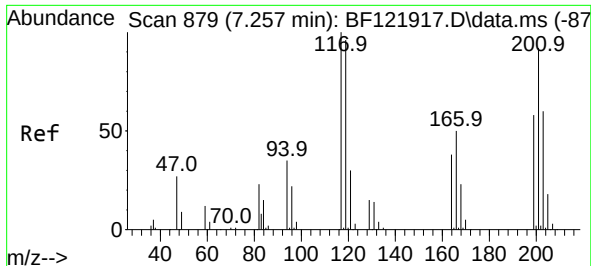
Tgt Ion: 99 Resp: 283192
Ion Ratio Lower Upper
99 100
42 21.5 15.9 23.9
71 36.8 27.1 40.7



#10
Phenol
Concen: 5.03 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion: 94 Resp: 48382
Ion Ratio Lower Upper
94 100
65 32.7 17.1 57.1
66 51.8 36.0 76.0

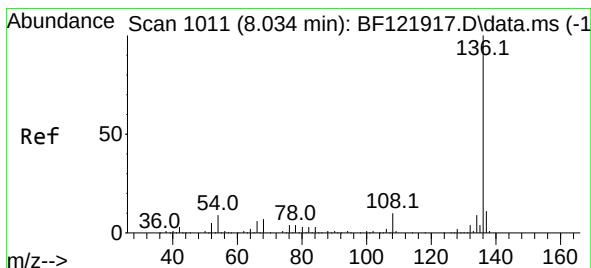
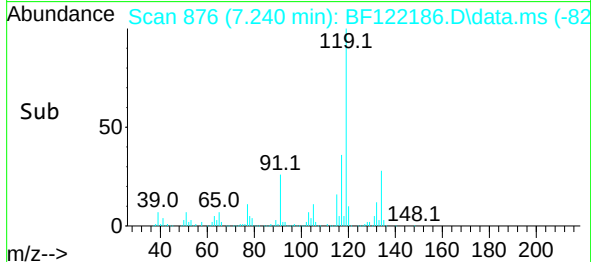
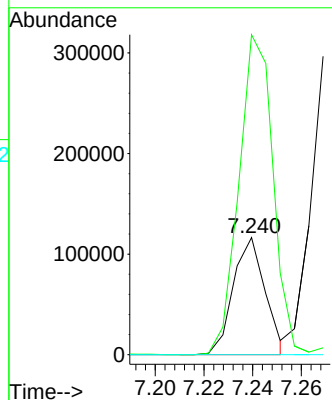
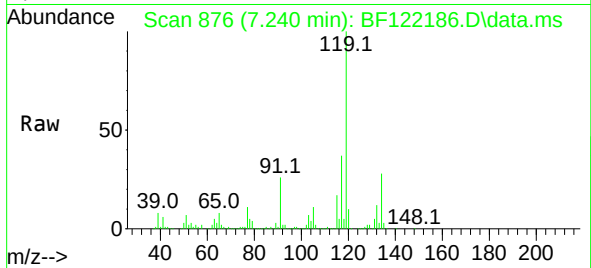




#18
Hexachloroethane
Concen: 35.53 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.018 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

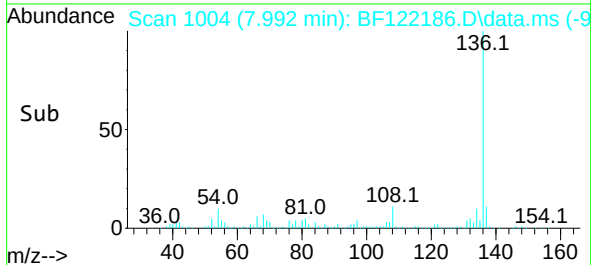
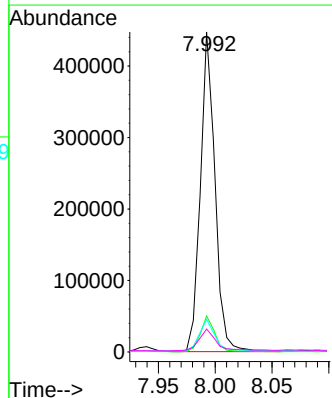
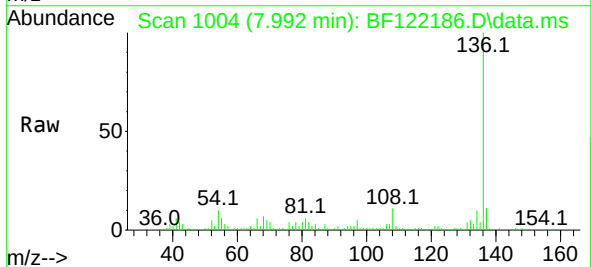
Instrument :
BNA_F
ClientSampled :
MW-1

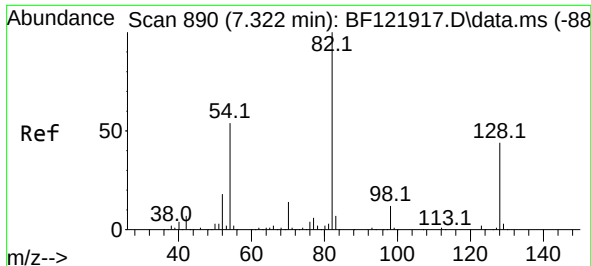
Tgt Ion:117 Resp: 106060
Ion Ratio Lower Upper
117 100
119 273.1 76.3 114.5#
201 0.0 71.8 107.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:136 Resp: 400992
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.2 7.1 10.7
68 7.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.65 ng

RT: 7.287 min Scan# 884

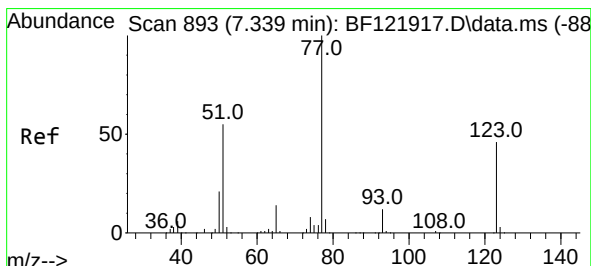
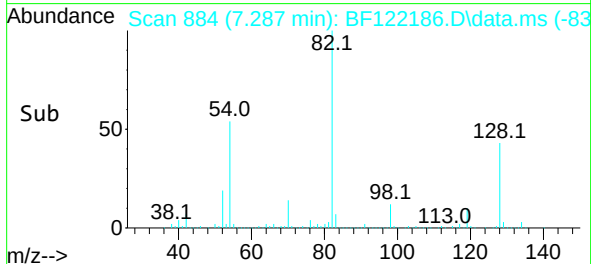
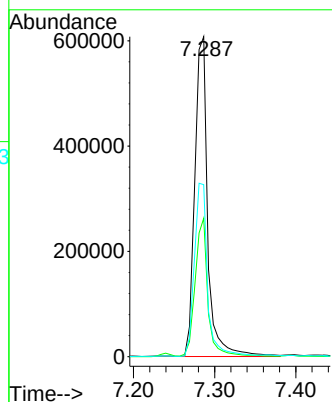
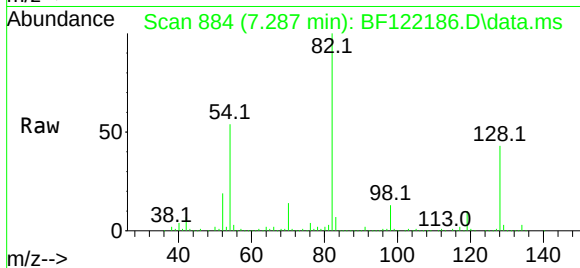
Delta R.T. 0.000 min

Lab File: BF122186.D

Acq: 30 Oct 2020 18:13

Tgt Ion: 82 Resp: 677540

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.0	52.4
54	53.8	43.9	65.9



#24

Nitrobenzene

Concen: 2.46 ng

RT: 7.269 min Scan# 881

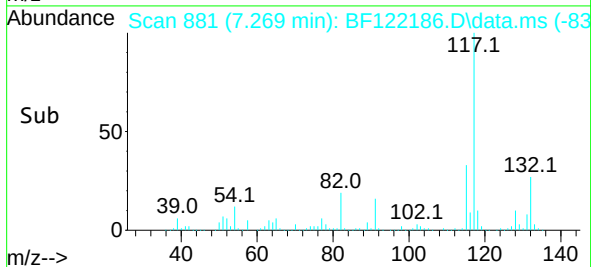
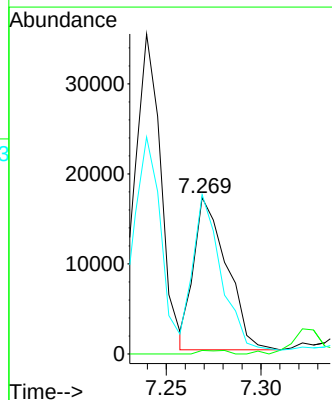
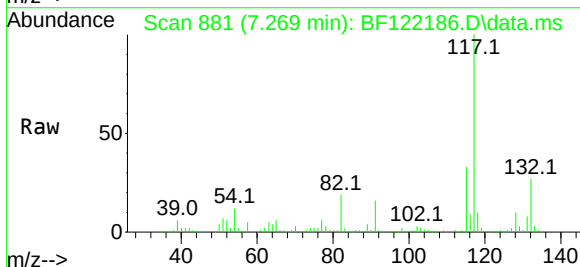
Delta R.T. -0.035 min

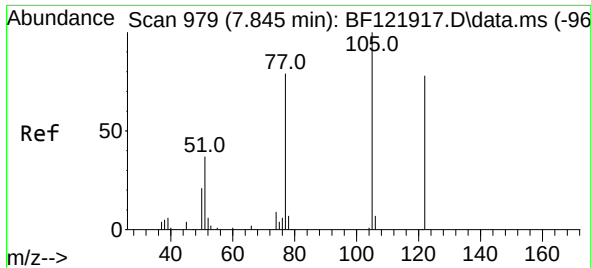
Lab File: BF122186.D

Acq: 30 Oct 2020 18:13

Tgt Ion: 77 Resp: 20523

Ion	Ratio	Lower	Upper
77	100		
123	2.3	35.6	53.4#
65	101.9	11.2	16.8#

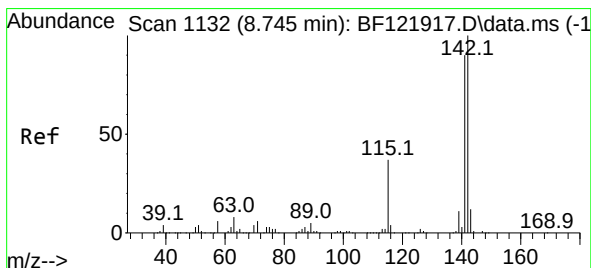
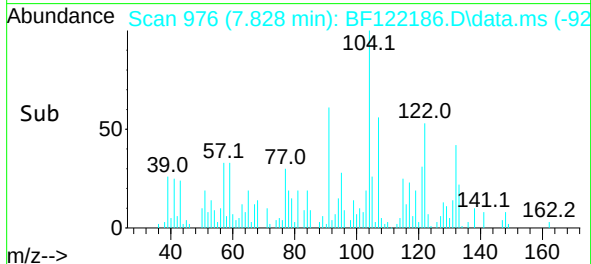
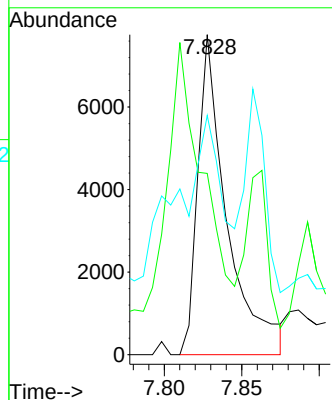
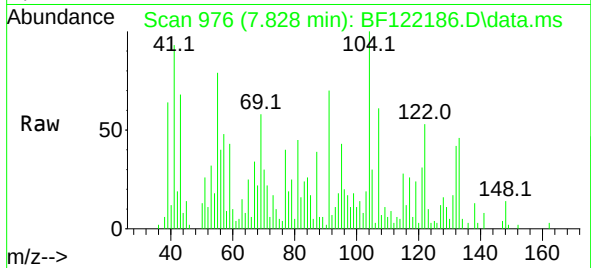




#32
Benzoic acid
Concen: 9.94 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

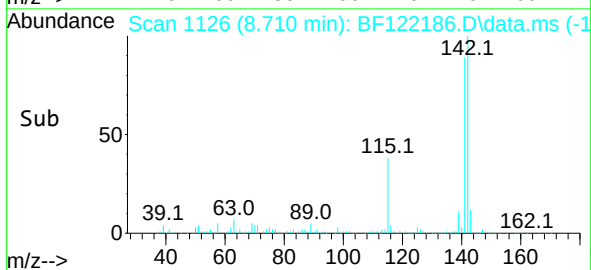
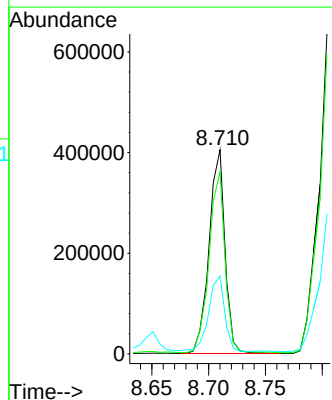
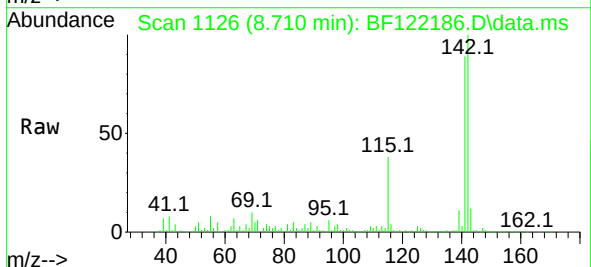
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ClientSampleId :
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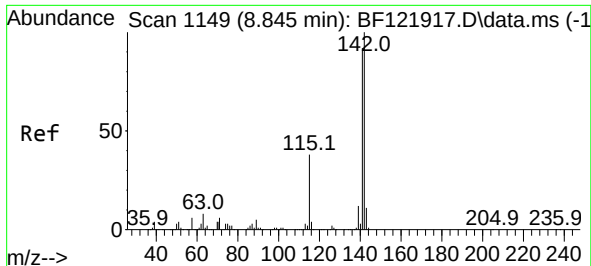
Tgt Ion:122 Resp: 10063
Ion Ratio Lower Upper
122 100
105 56.6 103.3 143.3#
77 74.7 73.9 113.9



#37
2-Methylnaphthalene
Concen: 28.27 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:142 Resp: 393284
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.4
115 38.1 28.6 43.0

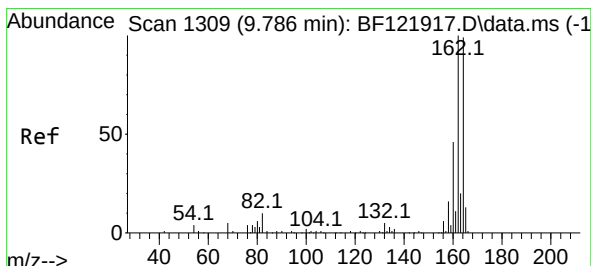
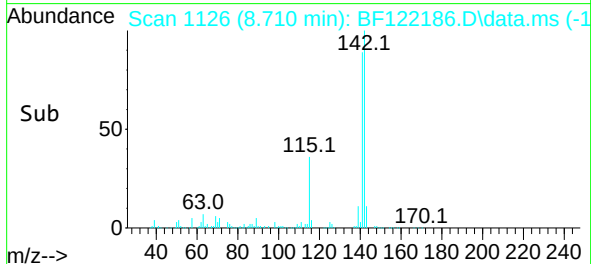
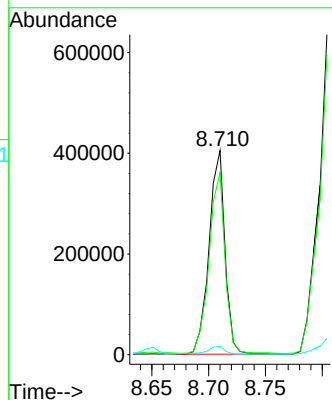
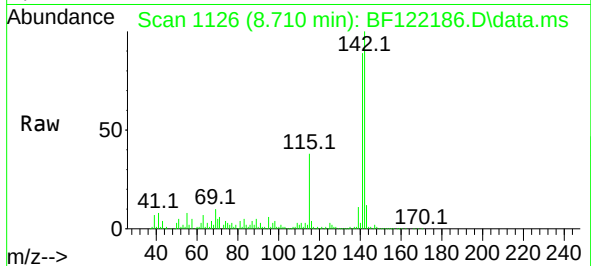




#38
1-Methylnaphthalene
Concen: 30.53 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.100 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

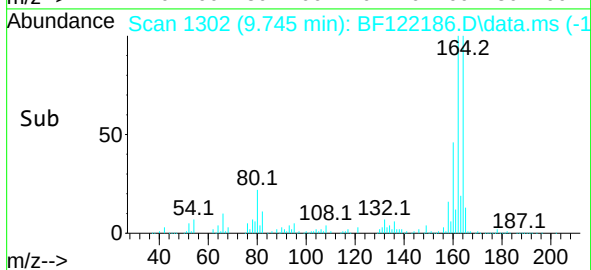
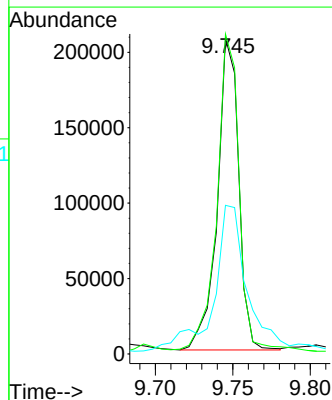
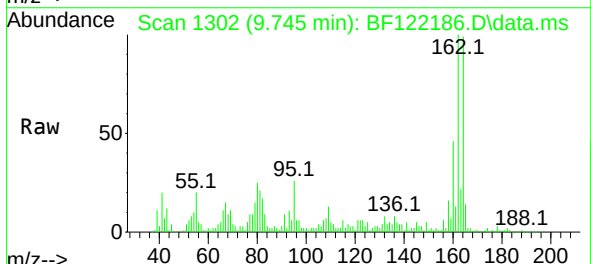
Instrument :
BNA_F
ClientSampled :
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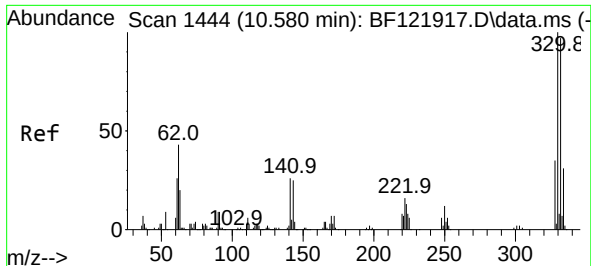
Tgt Ion:142 Resp: 393284
Ion Ratio Lower Upper
142 100
141 89.2 74.5 111.7
116 4.1 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:164 Resp: 198134
Ion Ratio Lower Upper
164 100
162 101.3 83.2 124.8
160 47.0 37.5 56.3

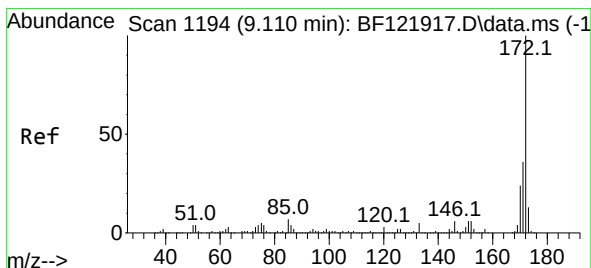
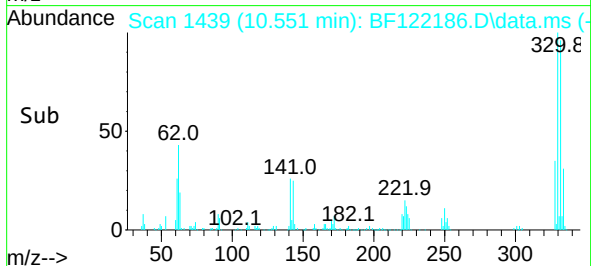
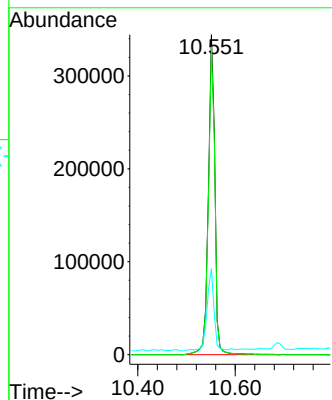
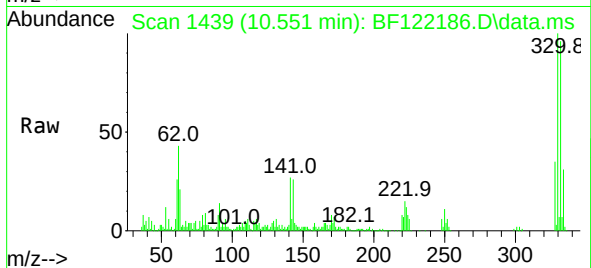




#42
2,4,6-Tribromophenol
Concen: 130.10 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

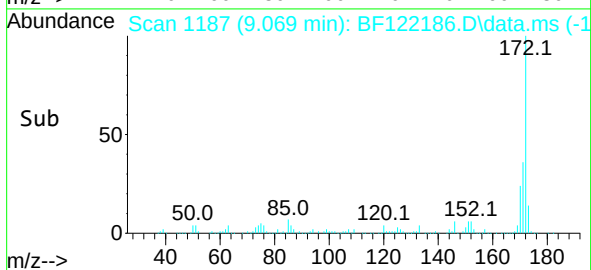
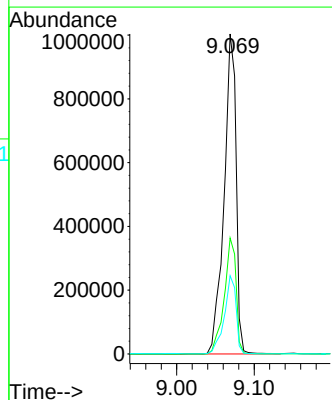
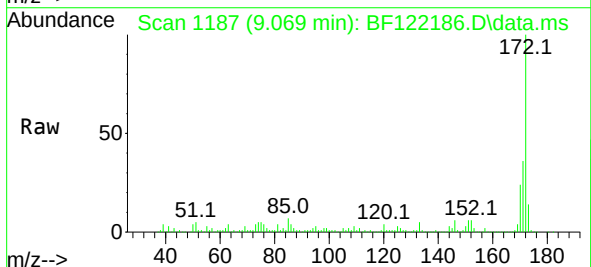
Instrument :
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MW-1

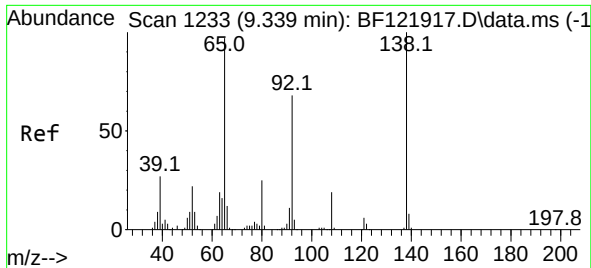
Tgt Ion:330 Resp: 318868
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 27.7 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 80.56 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:172 Resp: 1084811
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.5 19.8 29.6

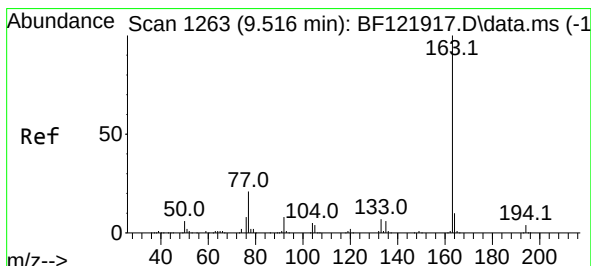
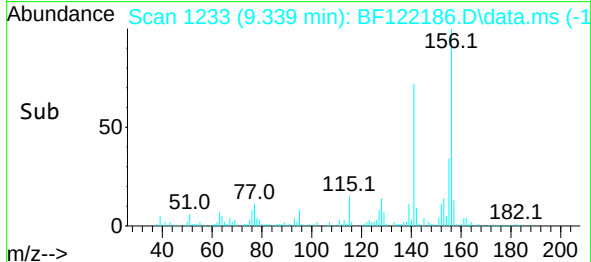
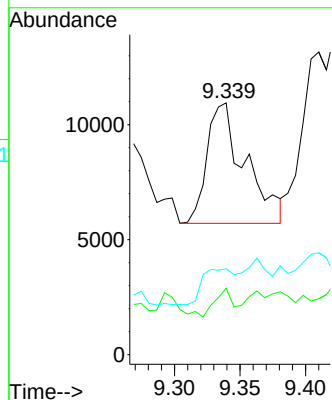
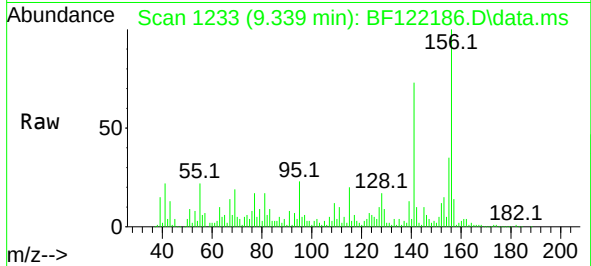




#48
2-Nitroaniline
Concen: 2.57 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.029 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

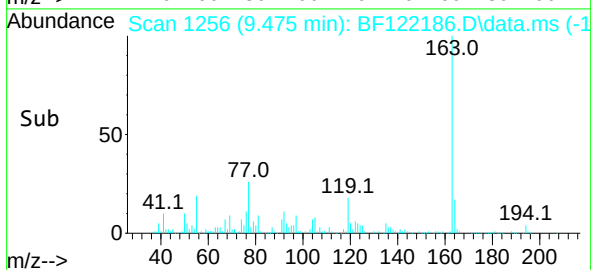
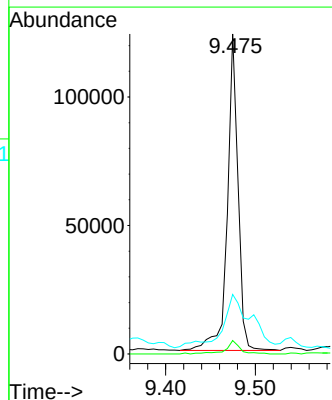
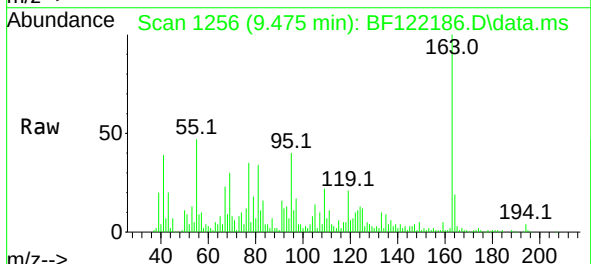
Instrument :
BNA_F
ClientSampleId :
MW-1

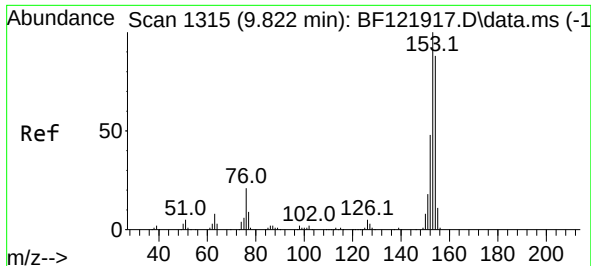
Tgt Ion: 65 Resp: 10609
Ion Ratio Lower Upper
65 100
92 26.5 55.1 82.7#
138 34.1 80.5 120.7#



#50
Dimethylphthalate
Concen: 7.04 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:163 Resp: 101931
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 18.6 8.2 12.4#

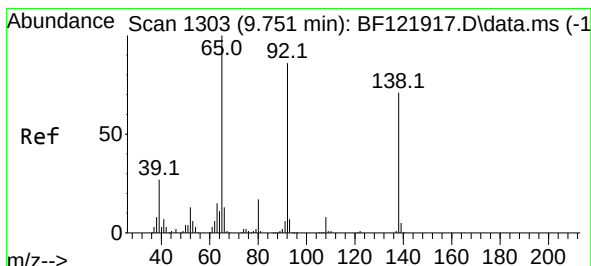
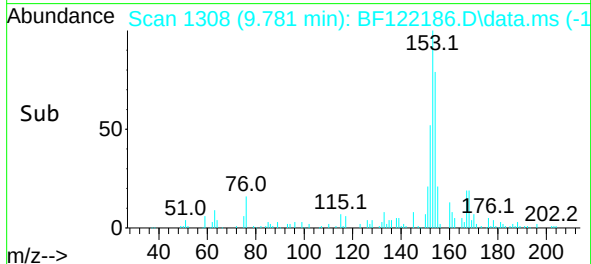
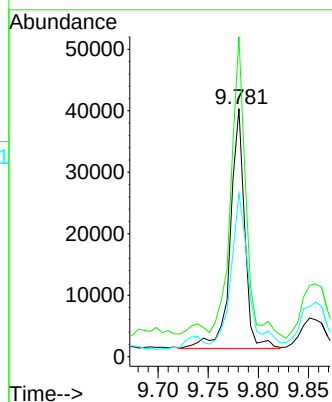
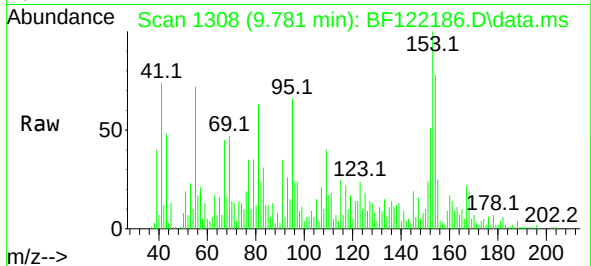




#52
Acenaphthene
Concen: 3.42 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

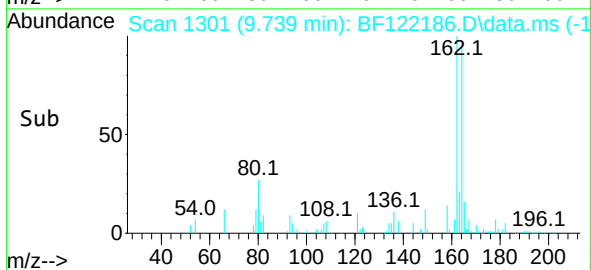
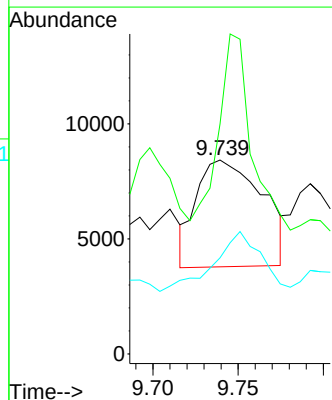
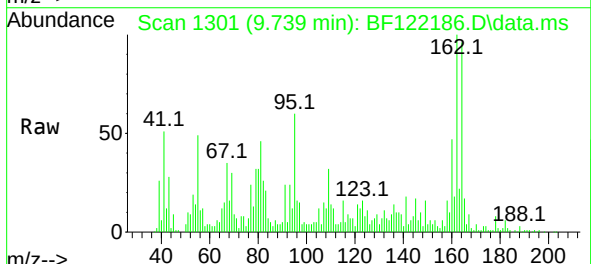
Instrument :
BNA_F
ClientSampled :
MW-1

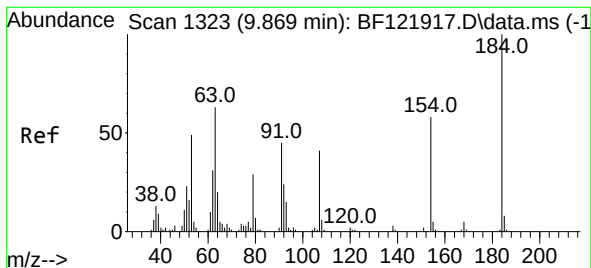
Tgt Ion:154 Resp: 39123
Ion Ratio Lower Upper
154 100
153 129.0 89.8 134.8
152 65.9 43.2 64.8#



#53
3-Nitroaniline
Concen: 3.44 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.018 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:138 Resp: 12443
Ion Ratio Lower Upper
138 100
108 118.6 8.6 13.0#
92 49.5 96.6 144.8#

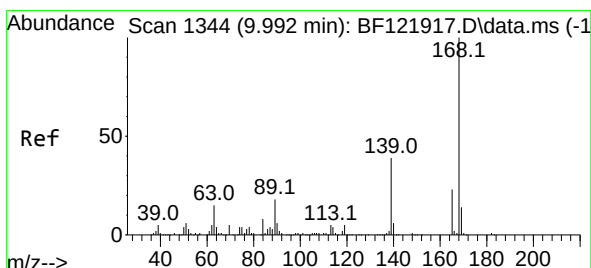
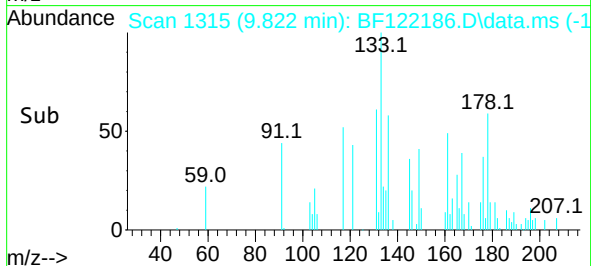
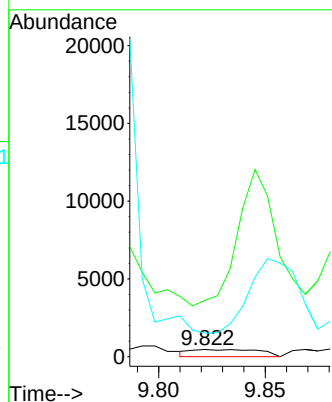
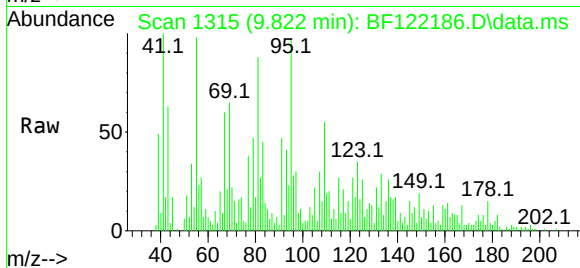




#54
2,4-Dinitrophenol
Concen: 9.25 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.024 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

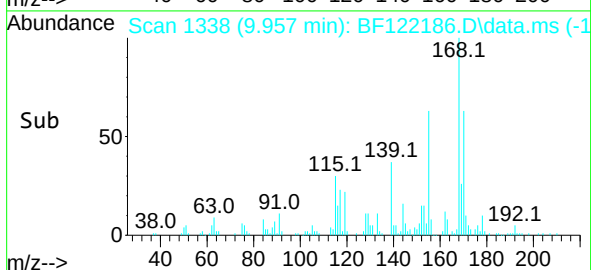
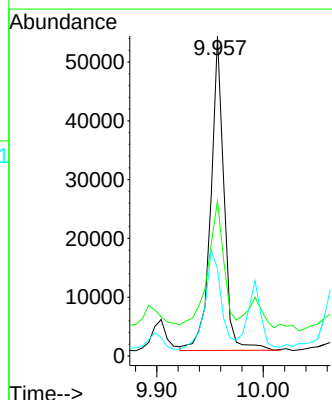
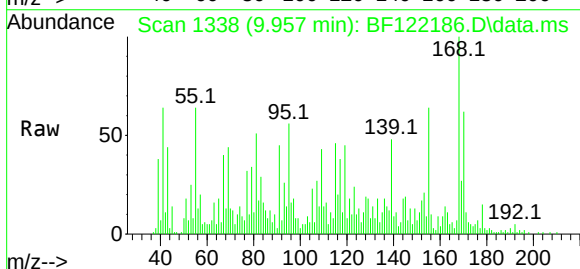
Instrument :
BNA_F
ClientSampled :
MW-1

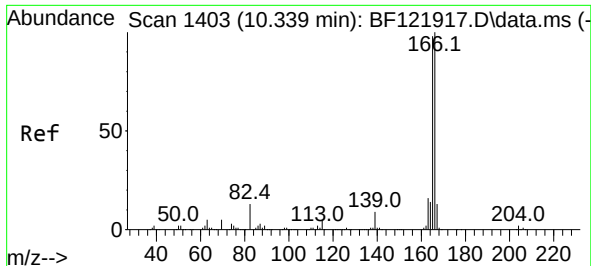
Tgt Ion:184 Resp: 1027
Ion Ratio Lower Upper
184 100
63 790.4 45.9 68.9#
154 328.8 45.8 68.6#



#55
Dibenzofuran
Concen: 2.77 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:168 Resp: 46444
Ion Ratio Lower Upper
168 100
139 48.4 31.0 46.6#
169 27.2 11.3 16.9#

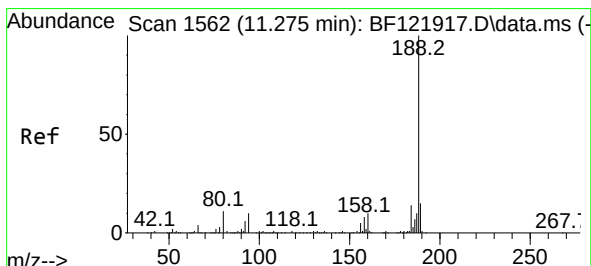
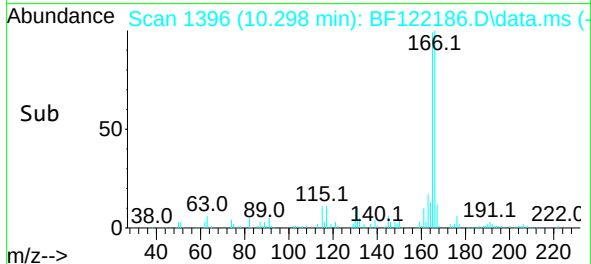
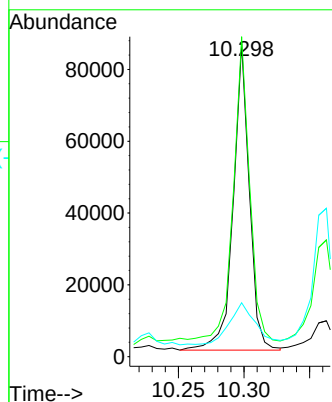
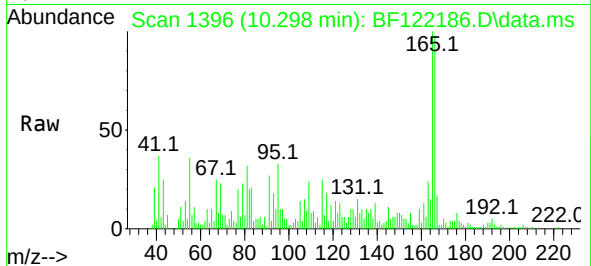




#58
Fluorene
Concen: 5.42 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

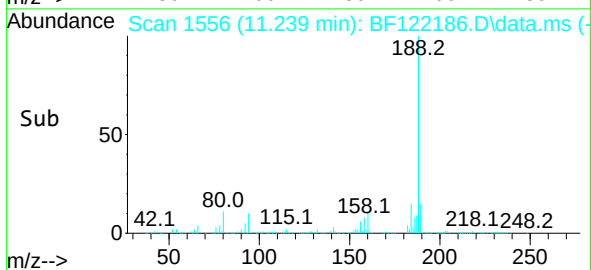
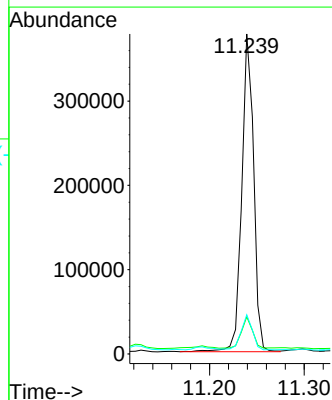
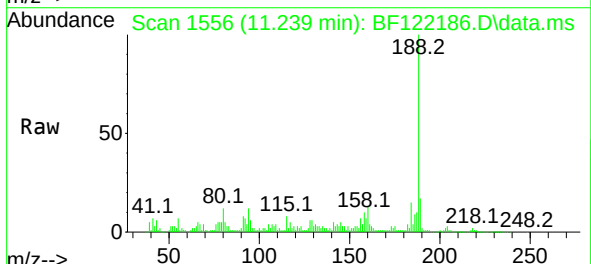
Instrument :
BNA_F
ClientSampleId :
MW-1

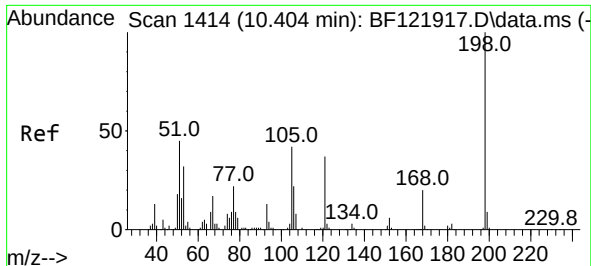
Tgt Ion:166 Resp: 73103
Ion Ratio Lower Upper
166 100
165 102.1 79.1 118.7
167 17.2 11.0 16.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:188 Resp: 328296
Ion Ratio Lower Upper
188 100
94 11.6 8.3 12.5
80 12.2 9.1 13.7

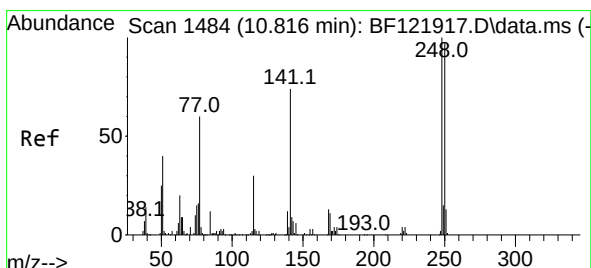
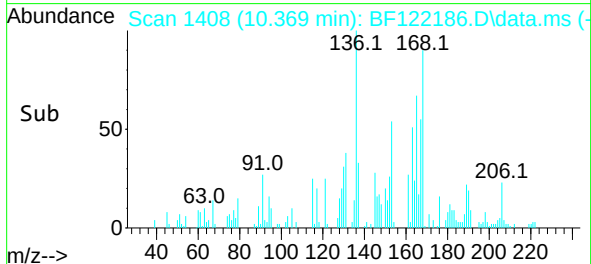
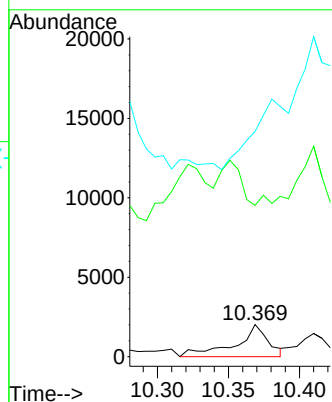
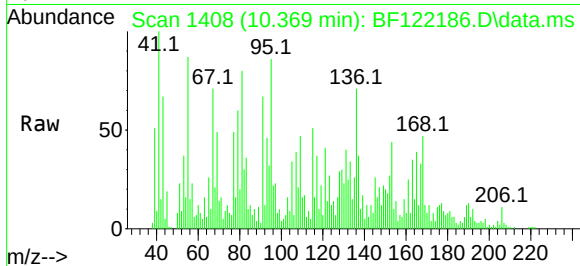




#65
4,6-Dinitro-2-methylphenol
Concen: 5.77 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

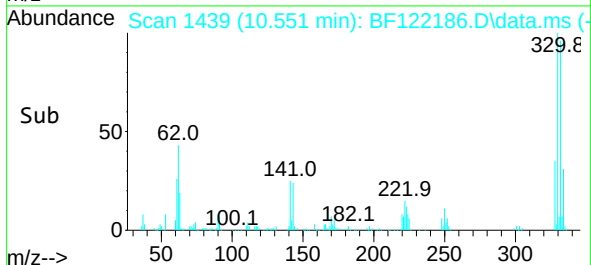
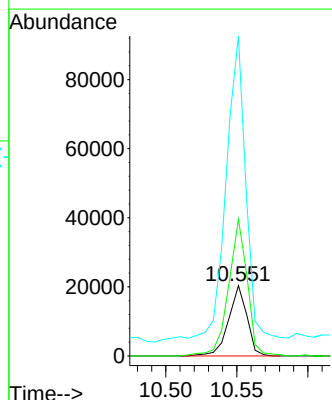
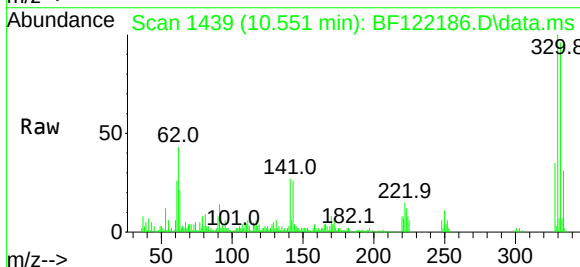
Instrument :
BNA_F
ClientSampleId :
MW-1

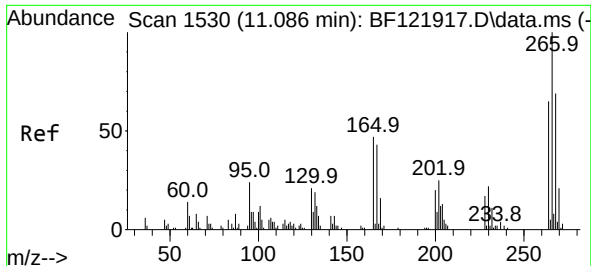
Tgt Ion:198 Resp: 3229
Ion Ratio Lower Upper
198 100
51 470.8 29.6 69.6#
105 701.2 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.224 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:248 Resp: 18375
Ion Ratio Lower Upper
248 100
250 194.5 77.0 115.6#
141 454.9 53.7 80.5#

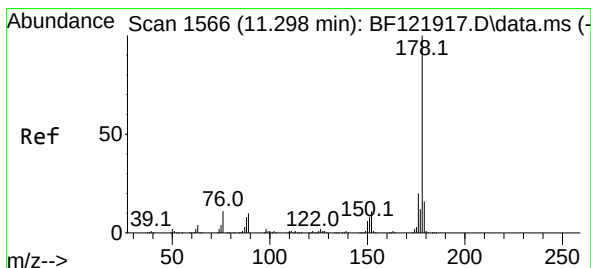
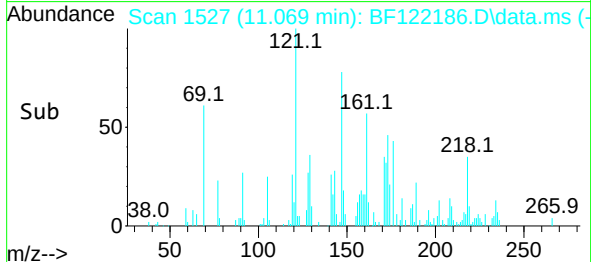
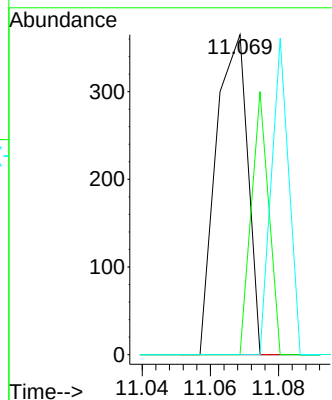
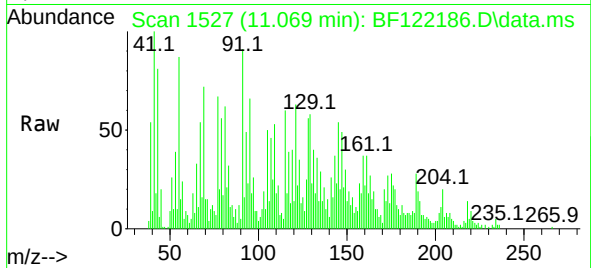




#70
Pentachlorophenol
Concen: 8.07 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

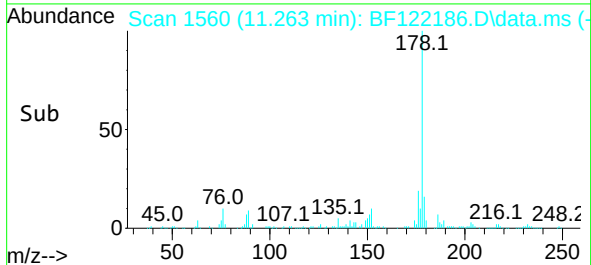
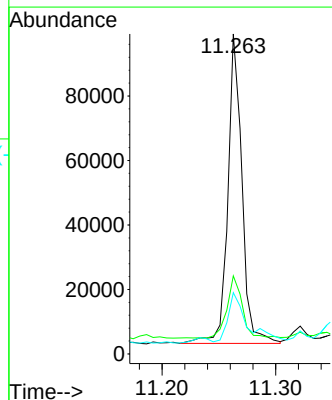
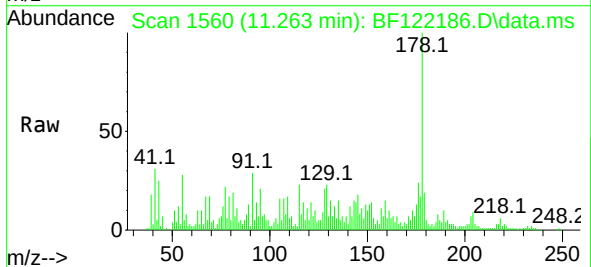
Instrument :
BNA_F
ClientSampled :
MW-1

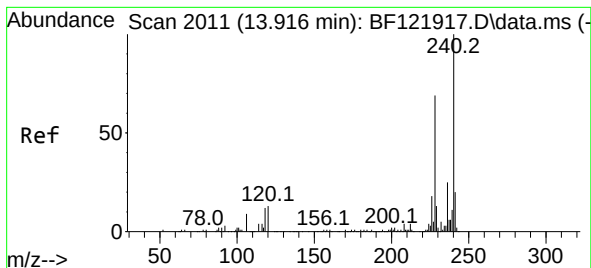
Tgt Ion:266 Resp: 235
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 0.0 49.9 74.9#



#71
Phenanthrene
Concen: 4.62 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Tgt Ion:178 Resp: 83100
Ion Ratio Lower Upper
178 100
176 24.4 15.9 23.9#
179 19.2 12.2 18.4#

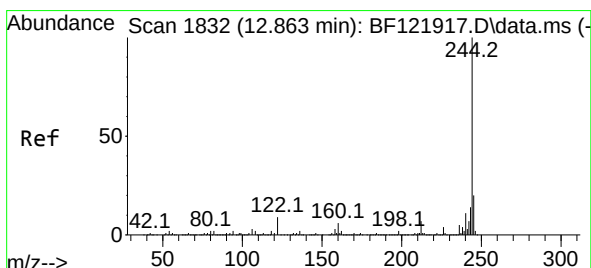
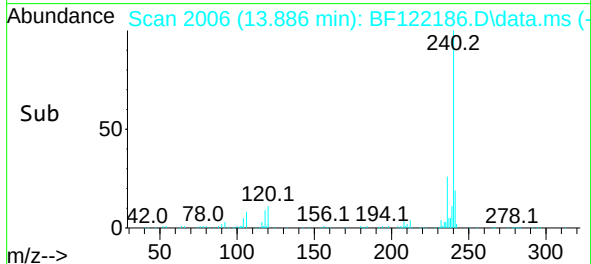
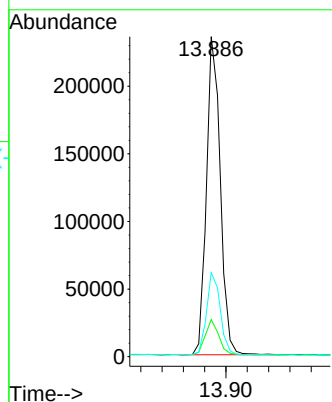
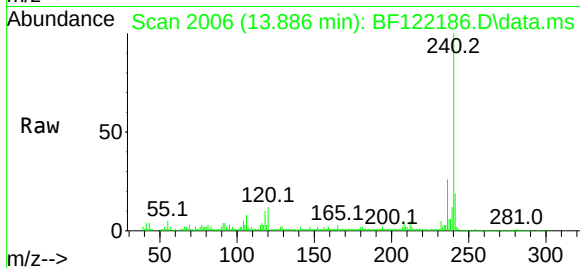




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

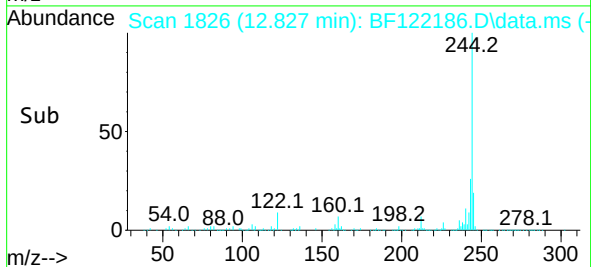
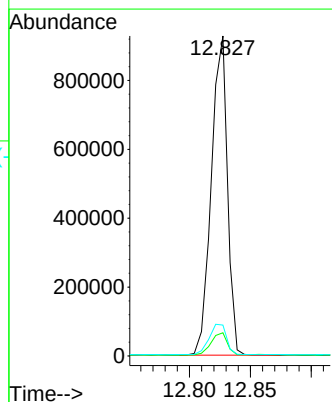
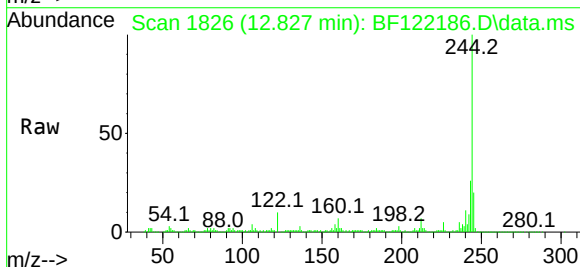
Instrument :
BNA_F
ClientSampled :
MW-1

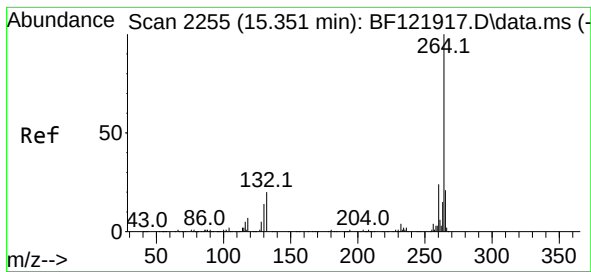
Tgt Ion:240 Resp: 212971
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 76.20 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.012 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

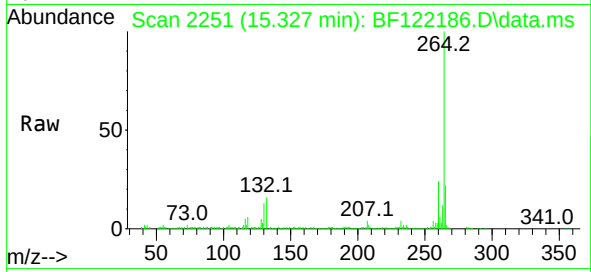
Tgt Ion:244 Resp: 851544
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.7 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.024 min
Lab File: BF122186.D
Acq: 30 Oct 2020 18:13

Instrument :
BNA_F
ClientSampleId :
MW-1



Tgt Ion:	264	Resp:	222390
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.2	17.3	25.9

