

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124525.D
 Acq On : 2 Jul 2021 18:55
 Operator : JU/CG
 Sample : M2913-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-3400

Quant Time: Jul 03 01:45:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 02 14:41:35 2021
 Response via : Initial Calibration

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

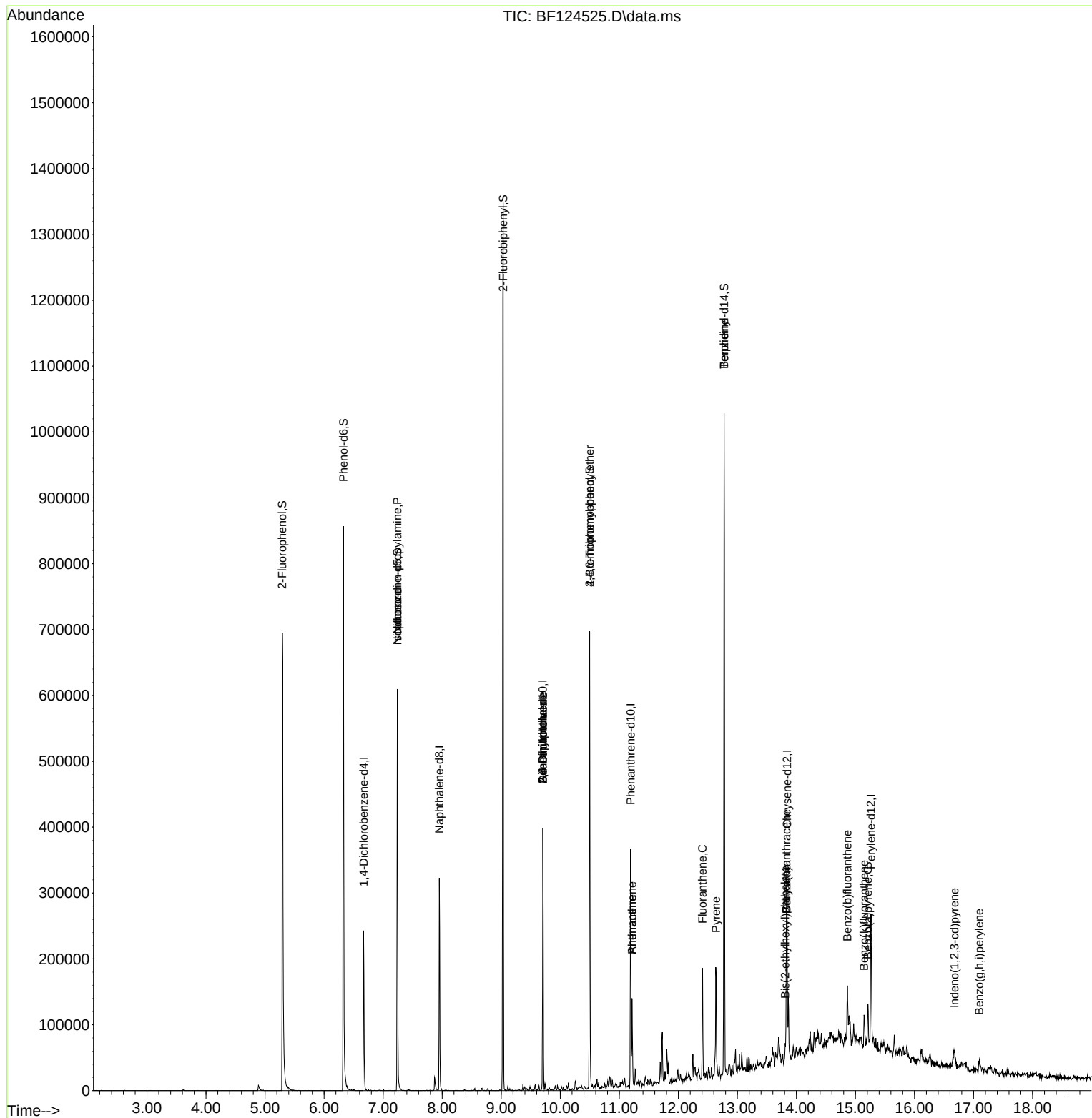
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	31140	20.00	ng	0.00
21) Naphthalene-d8	7.951	136	124523	20.00	ng	# 0.00
39) Acenaphthene-d10	9.704	164	70610	20.00	ng	0.00
64) Phenanthrene-d10	11.192	188	111776	20.00	ng	0.00
76) Chrysene-d12	13.839	240	79524	20.00	ng	0.00
86) Perylene-d12	15.262	264	73725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	198053	100.02	ng	0.00
7) Phenol-d6	6.328	99	244989	94.76	ng	0.00
23) Nitrobenzene-d5	7.239	82	183244	61.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	69565	82.46	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	380668	66.04	ng	0.00
79) Terphenyl-d14	12.774	244	305598	57.56	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.239	70	25620	14.74	ng	# 63
25) Isophorone	7.239	82	183244	35.49	ng	# 69
50) Dimethylphthalate	9.704	163	14045	2.52	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	9221	7.17	ng	# 11
57) 2,4-Dinitrotoluene	9.704	165	9221	5.41	ng	# 17
67) 4-Bromophenyl-phenylether	10.498	248	5088	3.38	ng	# 1
71) Phenanthrene	11.216	178	44030	6.25	ng	97
72) Anthracene	11.216	178	44030	6.27	ng	97
75) Fluoranthene	12.410	202	60115	8.48	ng	97
77) Benzidine	12.774	184	4937	3.10	ng	98
78) Pyrene	12.639	202	66728	9.19	ng	96
81) Benzo(a)anthracene	13.827	228	35795	6.24	ng	96
83) Chrysene	13.827	228	35795	6.30	ng	93
84) Bis(2-ethylhexyl)phtha...	13.809	149	8016	2.08	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.674	276	14249	2.45	ng	91
88) Benzo(b)fluoranthene	14.862	252	47852	8.57	ng	# 96
89) Benzo(k)fluoranthene	15.145	252	18200	3.56	ng	93
90) Benzo(a)pyrene	15.209	252	26207	5.28	ng	# 97
92) Benzo(g,h,i)perylene	17.098	276	12038	2.44	ng	# 87

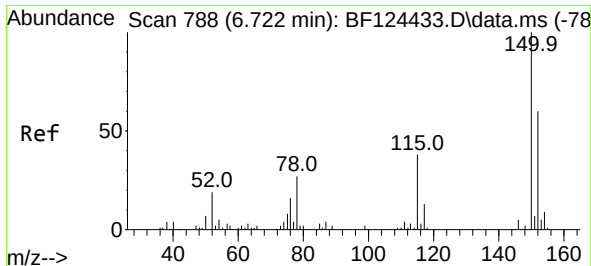
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 02 14:41:35 2021
Response via : Initial Calibration

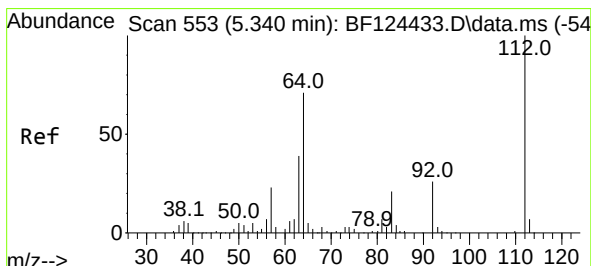
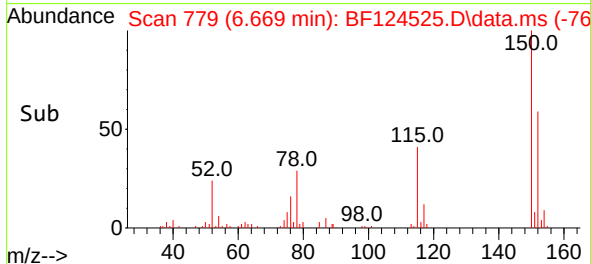
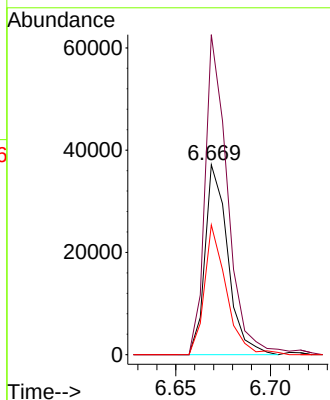
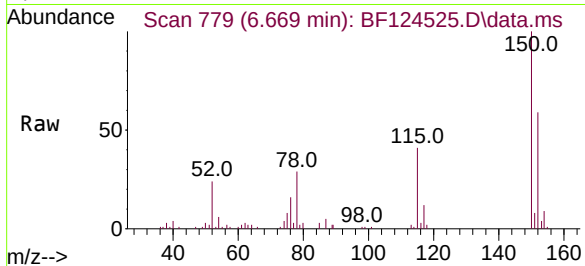




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

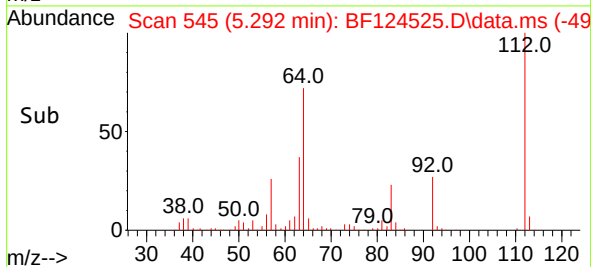
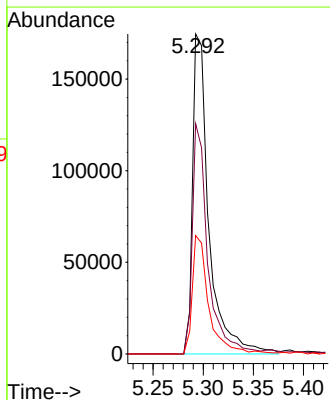
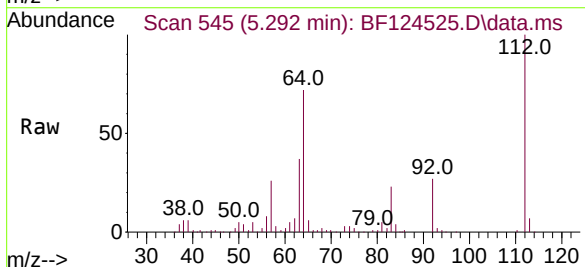
Instrument :
BNA_F
ClientSampleId :
D-3400

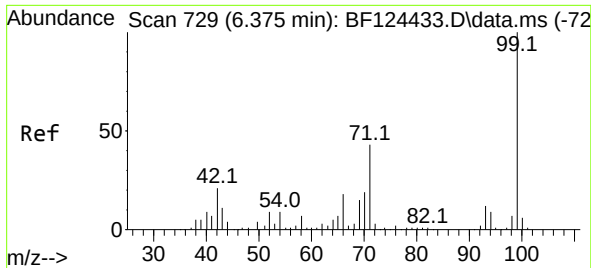
Tgt Ion:152 Resp: 31140
Ion Ratio Lower Upper
152 100
150 168.4 127.0 190.6
115 68.3 54.3 81.5



#5
2-Fluorophenol
Concen: 100.02 ng
RT: 5.292 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:112 Resp: 198053
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 37.0 33.0 49.4

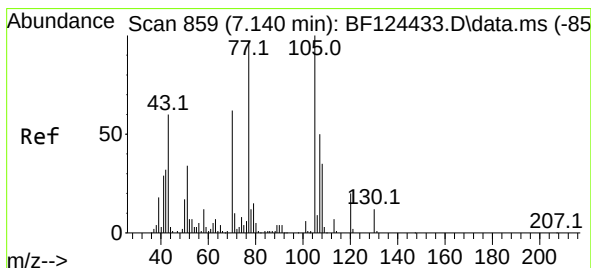
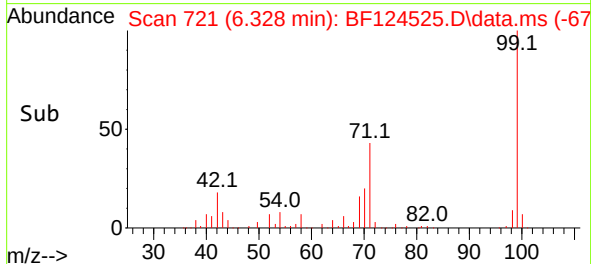
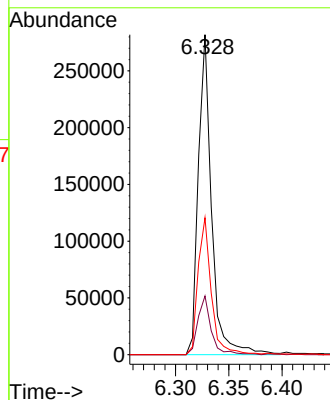
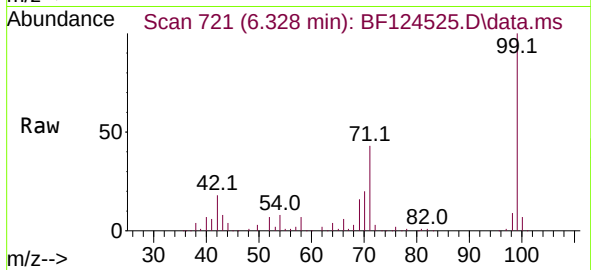




#7
Phenol-d6
Concen: 94.76 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

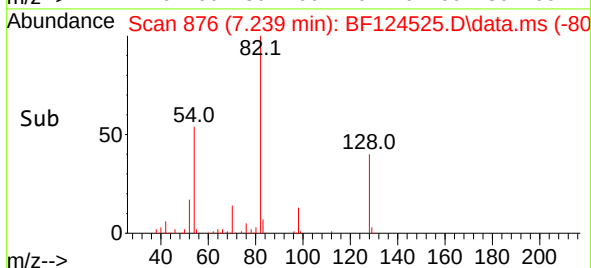
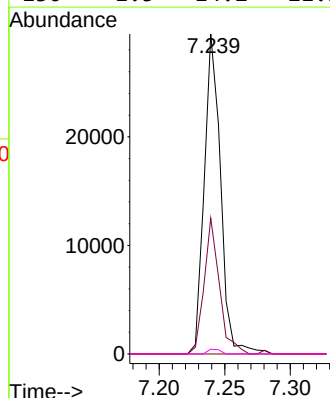
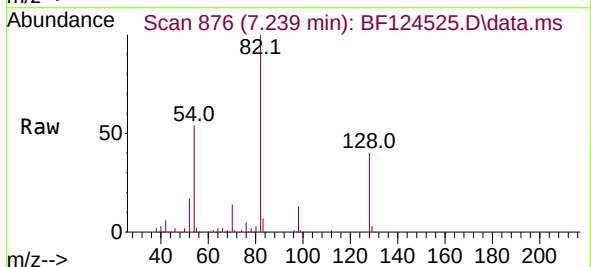
Instrument :
BNA_F
ClientSampleId :
D-3400

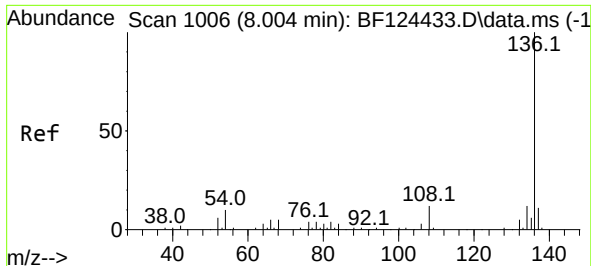
Tgt Ion: 99 Resp: 244989
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 42.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.74 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

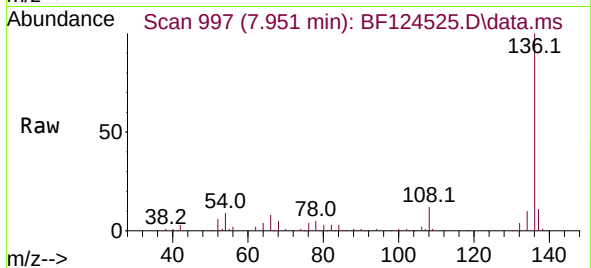
Tgt Ion: 70 Resp: 25620
Ion Ratio Lower Upper
70 100
42 42.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



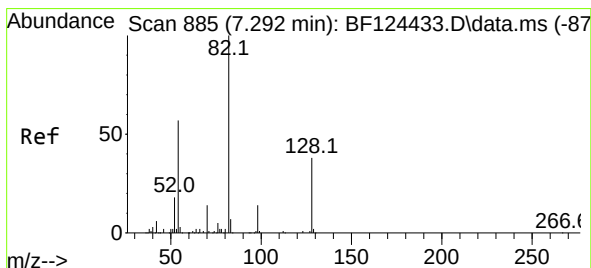
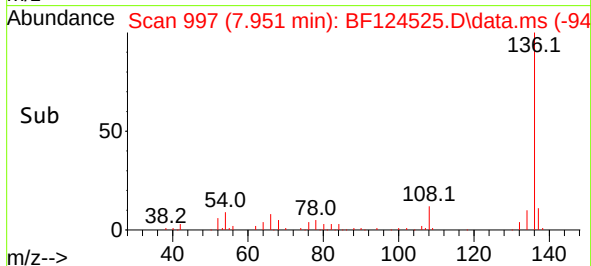
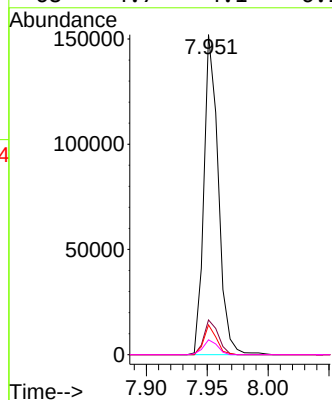


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Instrument :
BNA_F
ClientSampleId :
D-3400

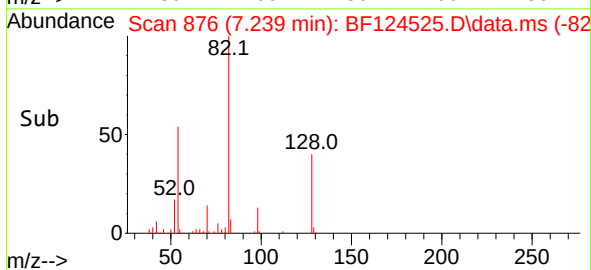
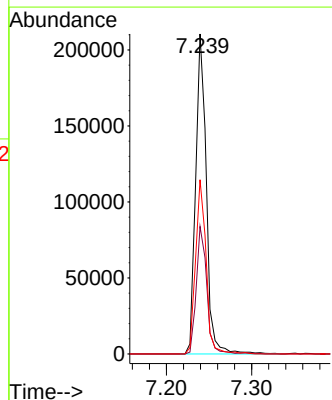
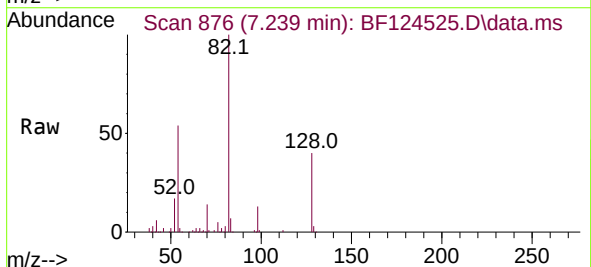


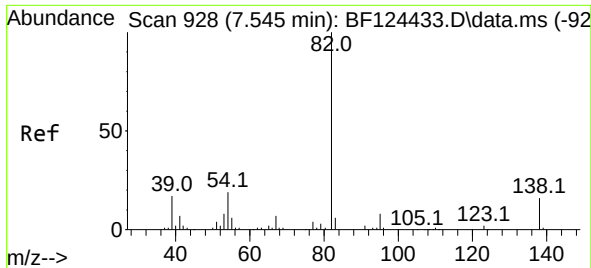
Tgt Ion:136	Resp:	124523
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	9.3	9.8 14.6#
68	4.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 61.02 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion: 82	Resp:	183244
Ion Ratio	Lower	Upper
82	100	
128	39.8	29.4 44.2
54	54.4	54.1 81.1

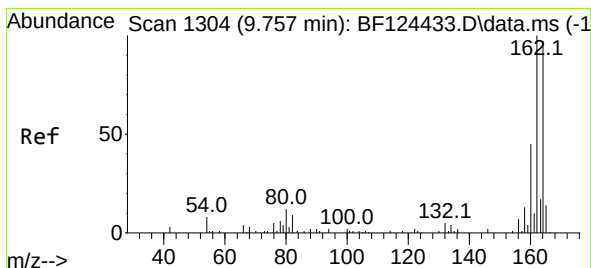
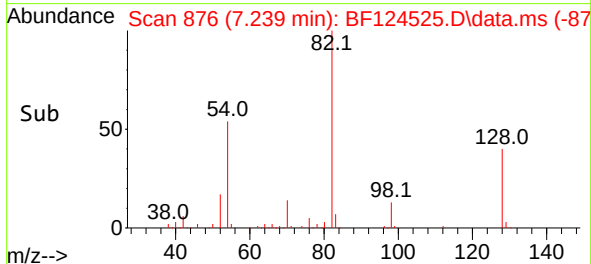
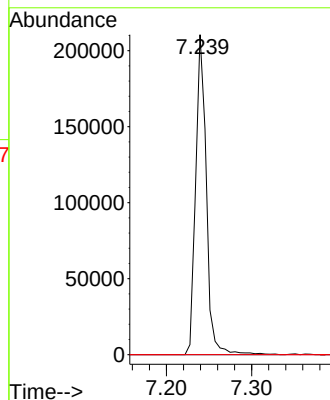
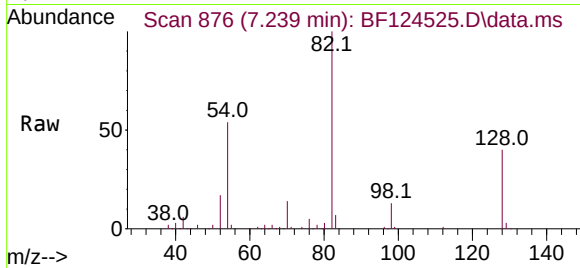




#25
Isophorone
Concen: 35.49 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.265 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

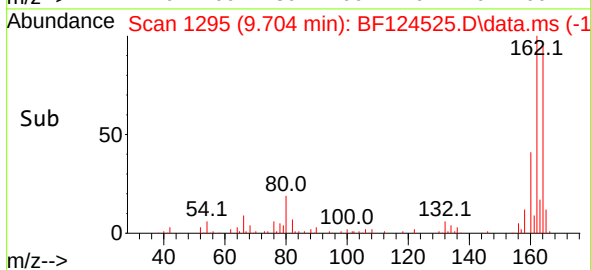
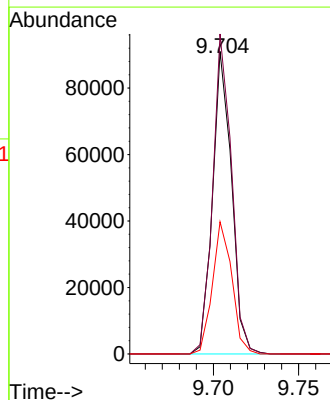
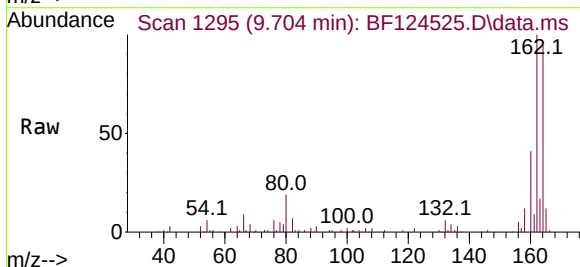
Instrument :
BNA_F
ClientSampleId :
D-3400

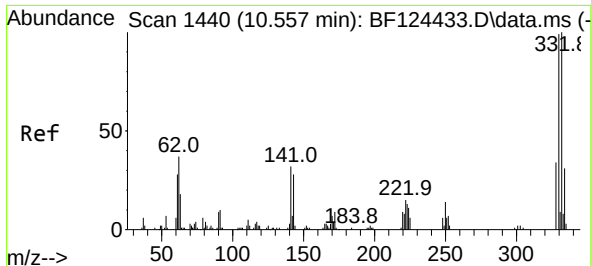
Tgt Ion: 82 Resp: 183244
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:164 Resp: 70610
Ion Ratio Lower Upper
164 100
162 105.8 80.7 121.1
160 43.7 37.3 55.9

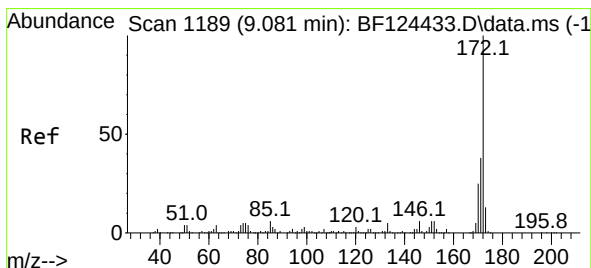
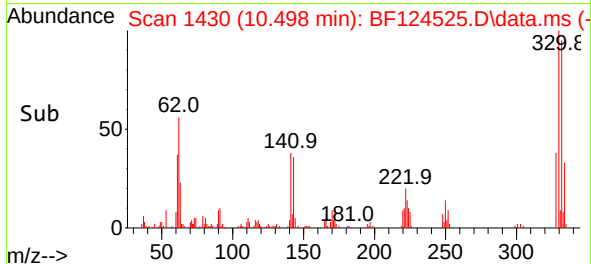
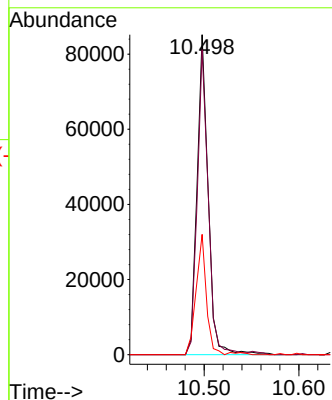
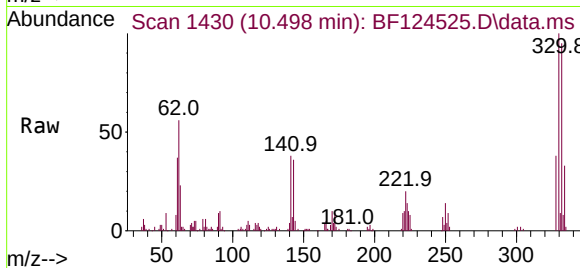




#42
2,4,6-Tribromophenol
Concen: 82.46 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

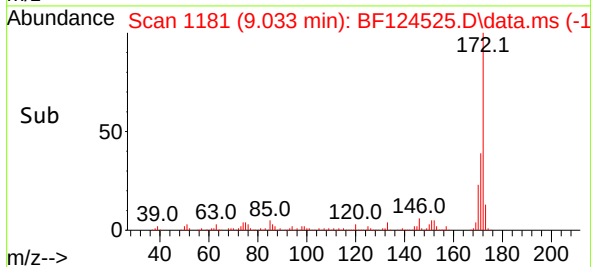
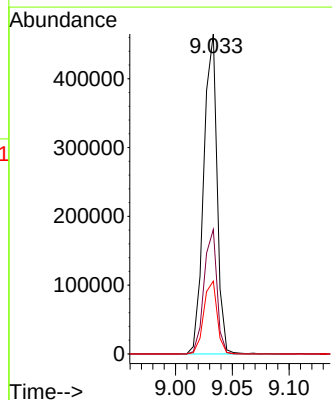
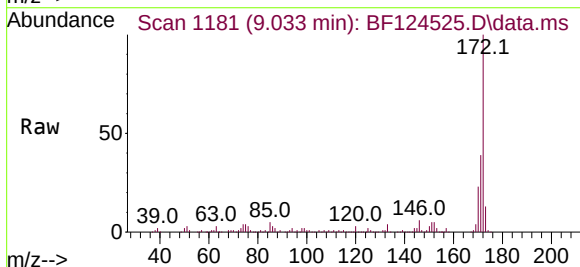
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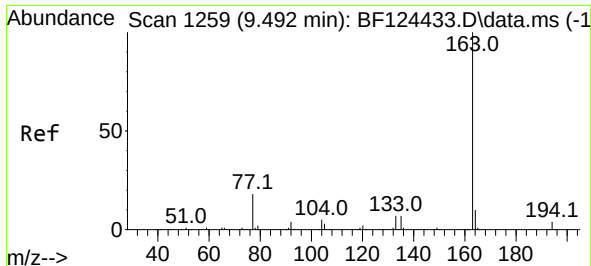
Tgt Ion: 330 Resp: 69565
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 34.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 66.04 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion: 172 Resp: 380668
Ion Ratio Lower Upper
172 100
171 38.9 28.1 42.1
170 22.7 19.2 28.8

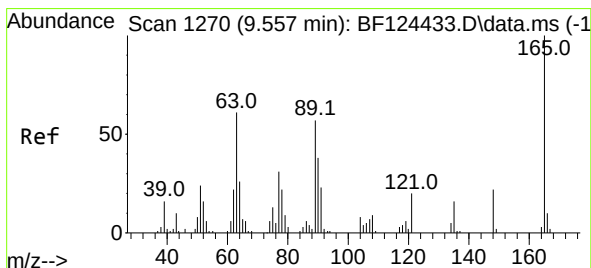
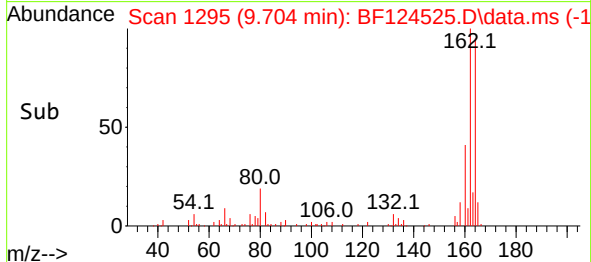
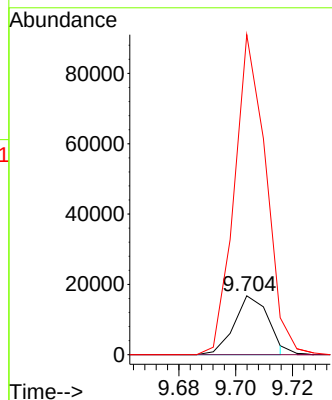
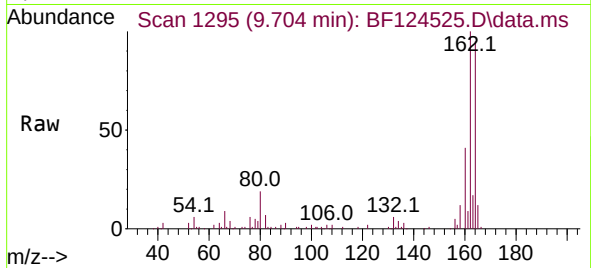




#50
Dimethylphthalate
Concen: 2.52 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.259 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

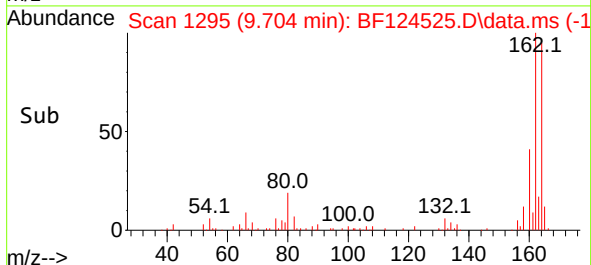
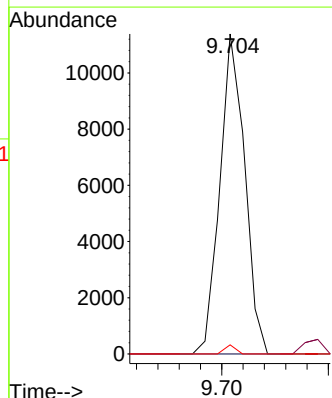
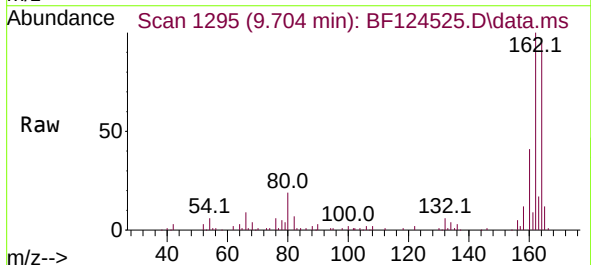
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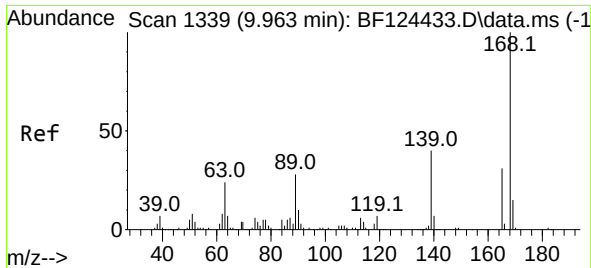
Tgt Ion:163 Resp: 14045
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 542.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.194 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

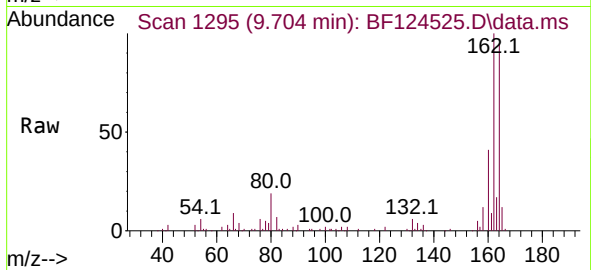
Tgt Ion:165 Resp: 9221
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.9 58.8 88.2#



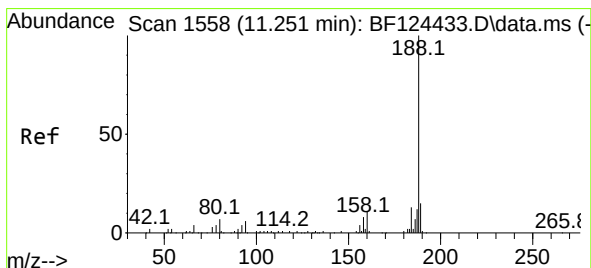
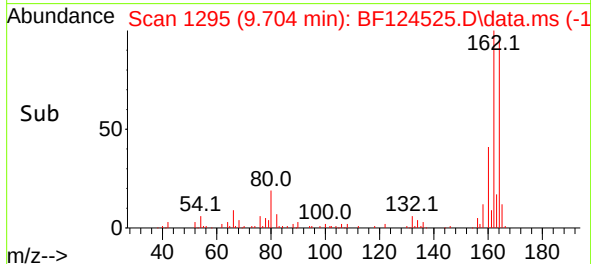
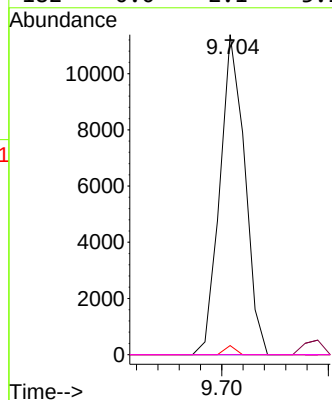


#57
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.218 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Instrument :
BNA_F
ClientSampleId :
D-3400

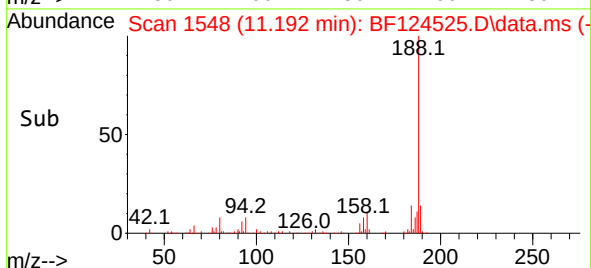
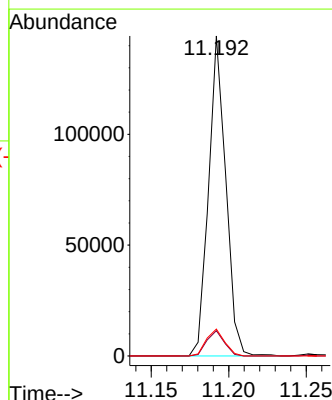
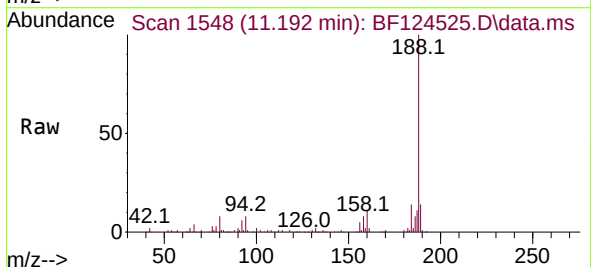


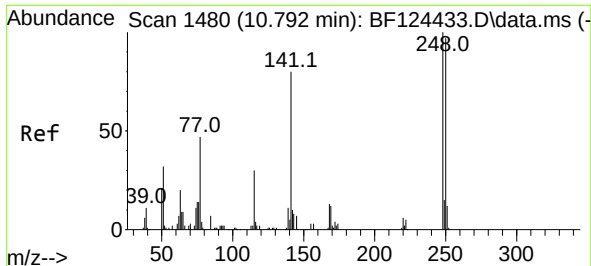
Tgt Ion:165 Resp: 9221
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.9 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:188 Resp: 111776
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.4 8.2 12.2

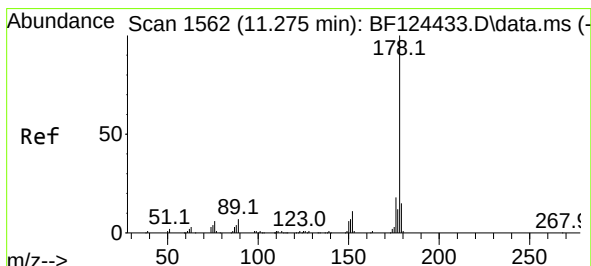
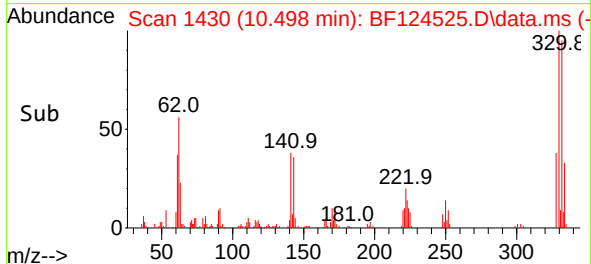
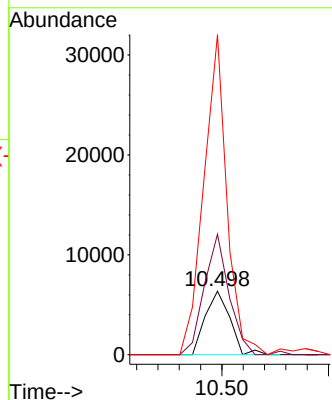
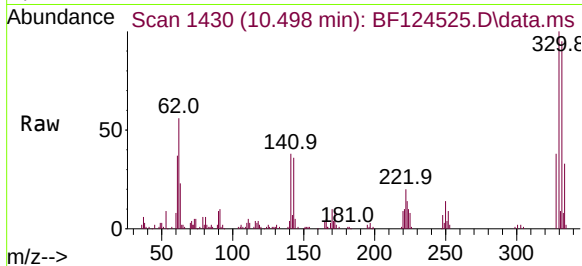




#67
4-Bromophenyl-phenylether
Concen: 3.38 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.241 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

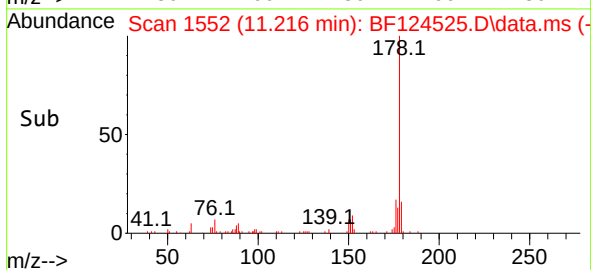
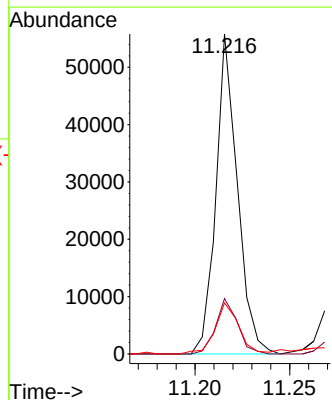
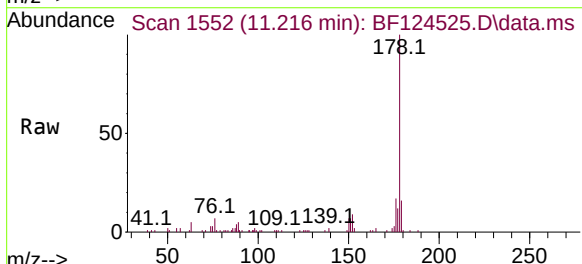
Instrument :
BNA_F
ClientSampleId :
D-3400

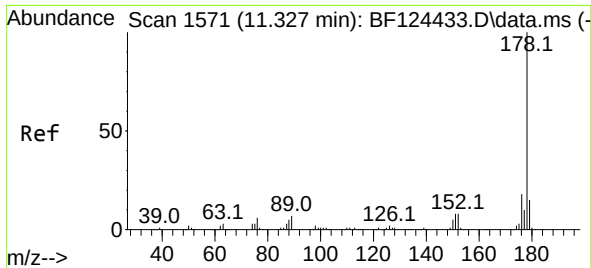
Tgt Ion:248 Resp: 5088
Ion Ratio Lower Upper
248 100
250 189.7 77.4 116.2#
141 503.9 63.7 95.5#



#71
Phenanthrene
Concen: 6.25 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:178 Resp: 44030
Ion Ratio Lower Upper
178 100
176 17.3 15.6 23.4
179 15.9 12.5 18.7

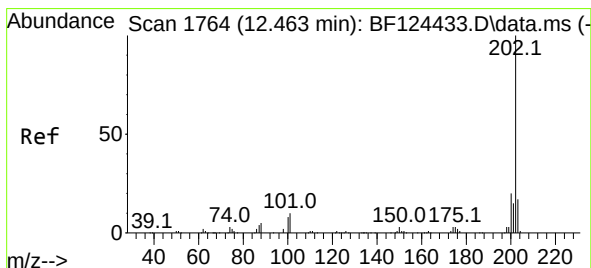
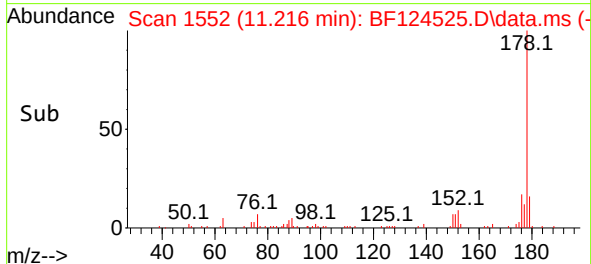
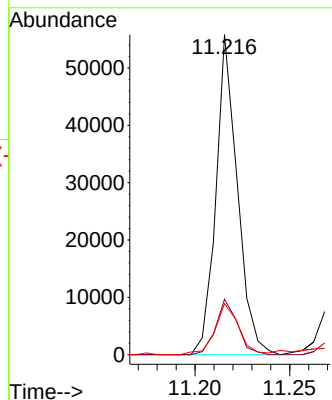
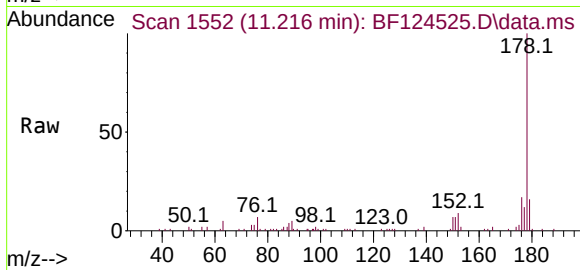




#72
 Anthracene
 Concen: 6.27 ng
 RT: 11.216 min Scan# 1552
 Delta R.T. -0.059 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55

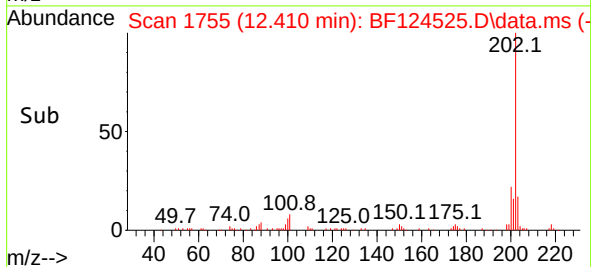
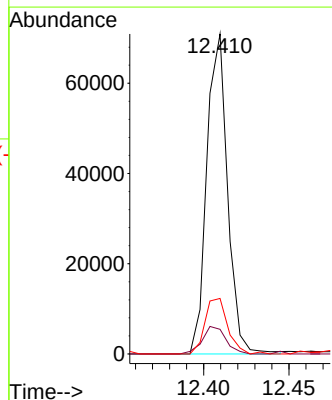
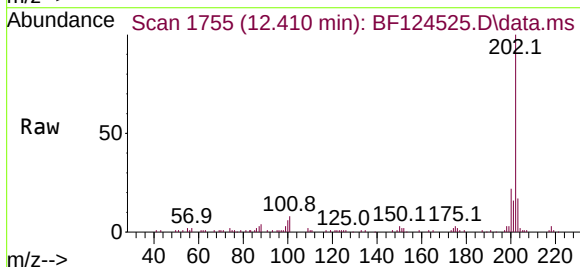
Instrument :
 BNA_F
 ClientSampleId :
 D-3400

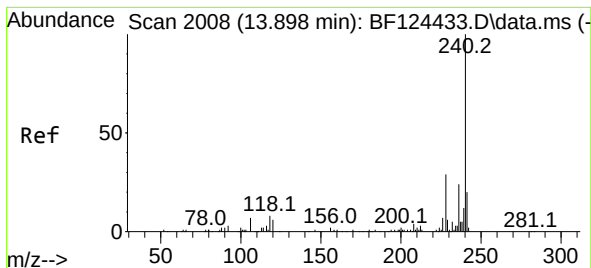
Tgt Ion:178 Resp: 44030
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.4 23.0
 179 15.9 12.6 18.8



#75
 Fluoranthene
 Concen: 8.48 ng
 RT: 12.410 min Scan# 1755
 Delta R.T. -0.000 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55

Tgt Ion:202 Resp: 60115
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 30.9
 203 17.4 0.0 37.5

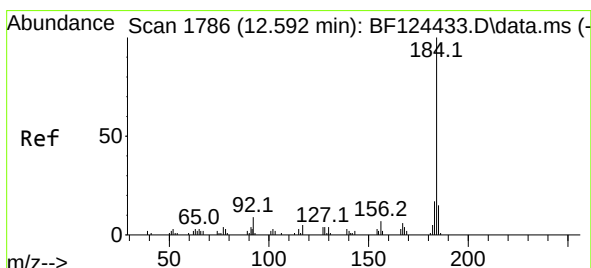
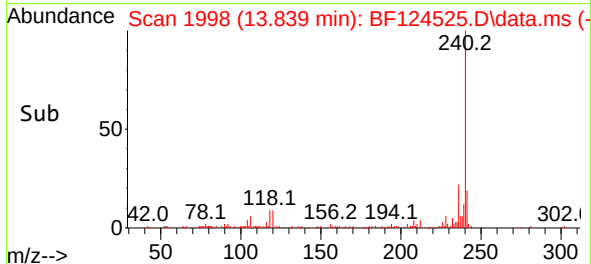
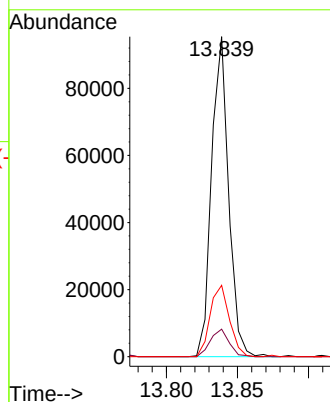
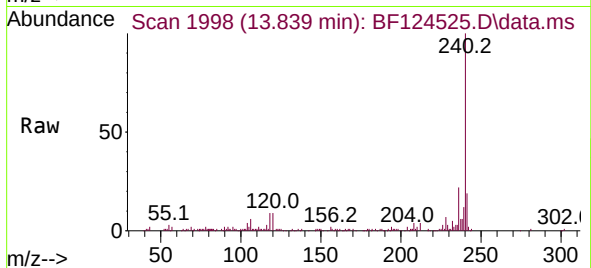




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

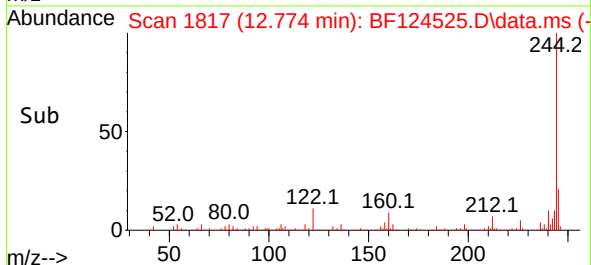
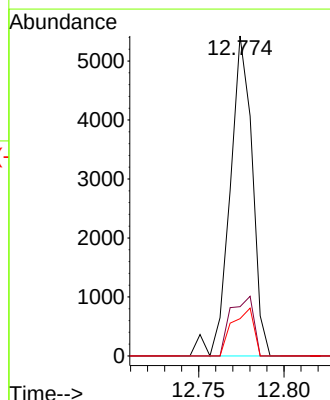
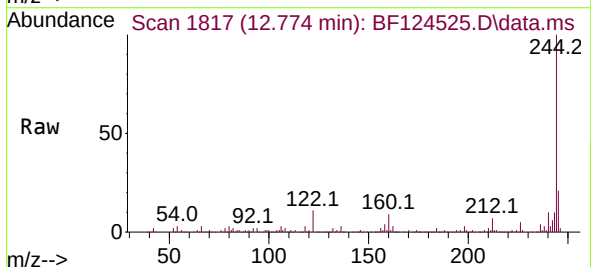
Instrument :
BNA_F
ClientSampleId :
D-3400

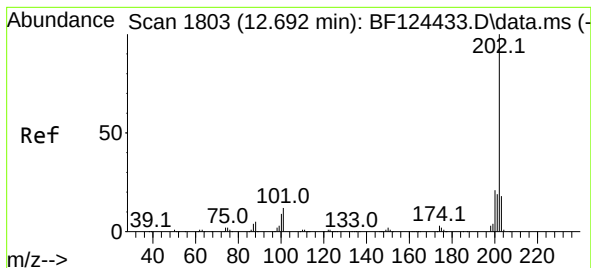
Tgt Ion:240 Resp: 79524
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.3 19.0 28.4



#77
Benzidine
Concen: 3.10 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.241 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:184 Resp: 4937
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 11.6 7.8 11.8





#78

Pyrene

Concen: 9.19 ng

RT: 12.639 min Scan# 1794

Delta R.T. -0.000 min

Lab File: BF124525.D

Acq: 2 Jul 2021 18:55

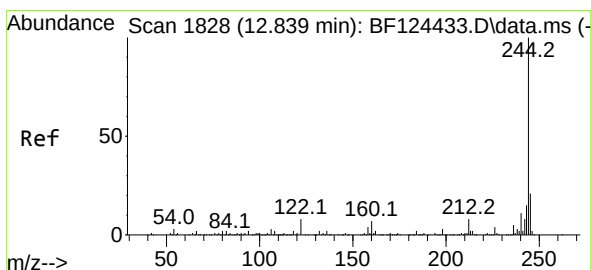
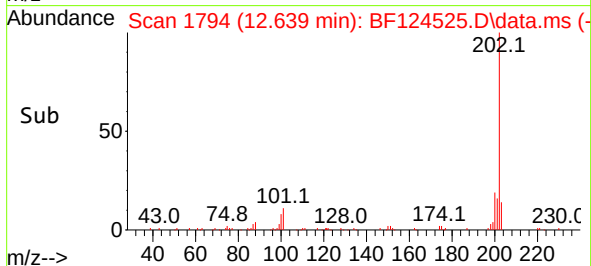
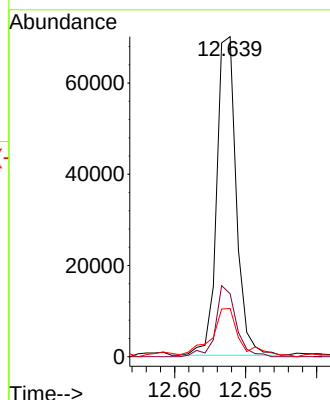
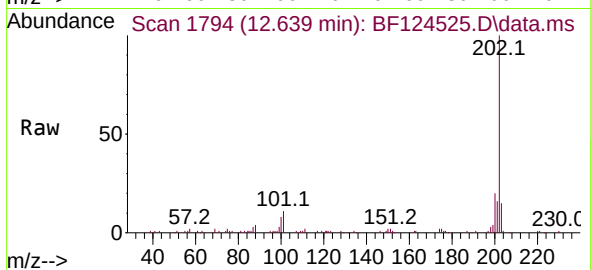
Tgt Ion:202 Resp: 66728

Ion Ratio Lower Upper

202 100

200 19.6 16.1 24.1

203 15.1 14.8 22.2



#79

Terphenyl-d14

Concen: 57.56 ng

RT: 12.774 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF124525.D

Acq: 2 Jul 2021 18:55

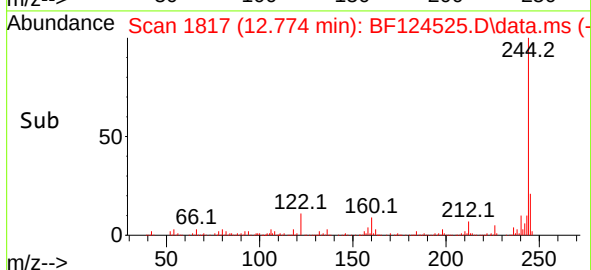
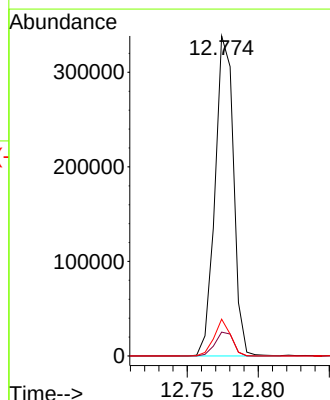
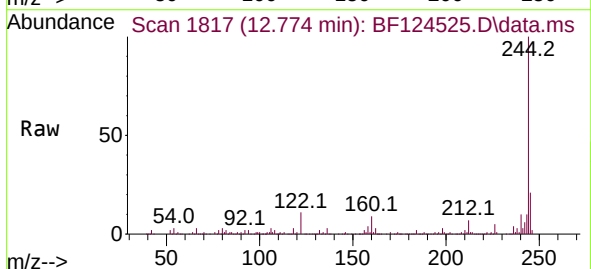
Tgt Ion:244 Resp: 305598

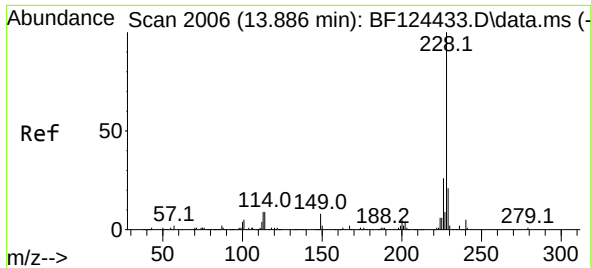
Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 11.5 9.7 14.5

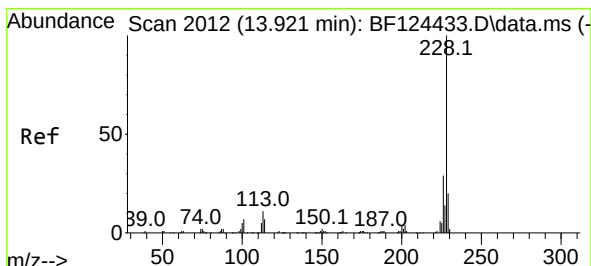
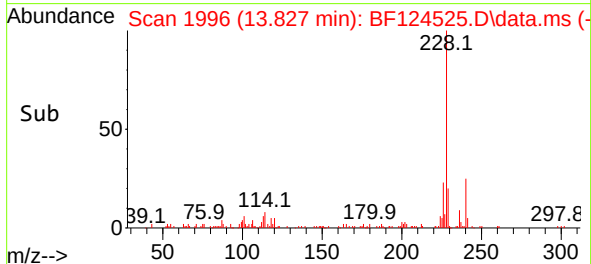
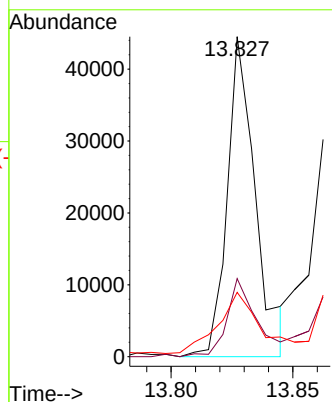
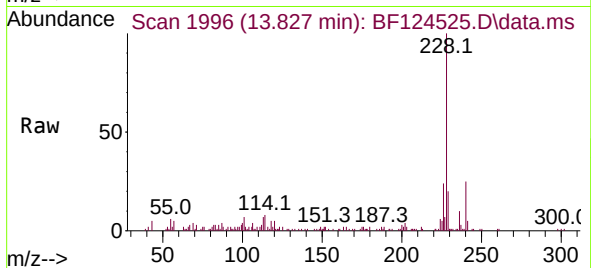




#81
Benzo(a)anthracene
Concen: 6.24 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

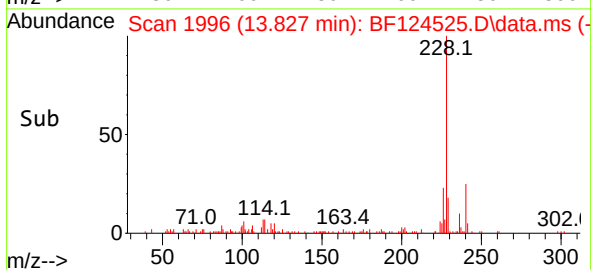
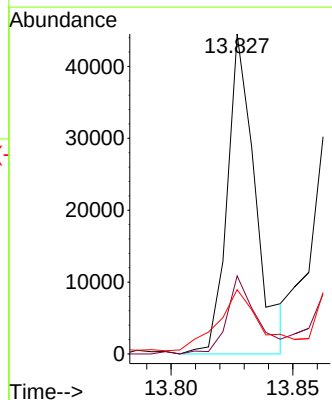
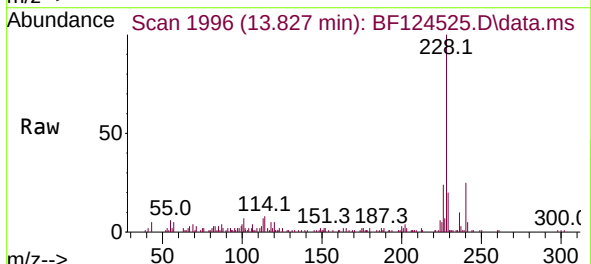
Instrument :
BNA_F
ClientSampleId :
D-3400

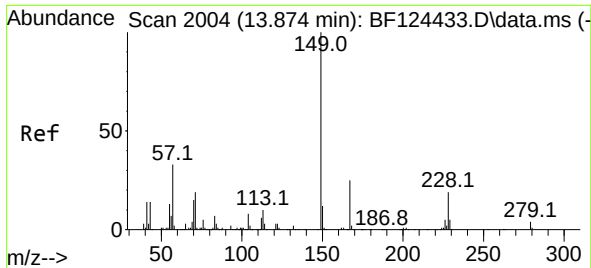
Tgt Ion:228 Resp: 35795
Ion Ratio Lower Upper
228 100
226 24.4 22.4 33.6
229 20.1 16.0 24.0



#83
Chrysene
Concen: 6.30 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.041 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:228 Resp: 35795
Ion Ratio Lower Upper
228 100
226 24.4 24.3 36.5
229 20.1 16.2 24.2

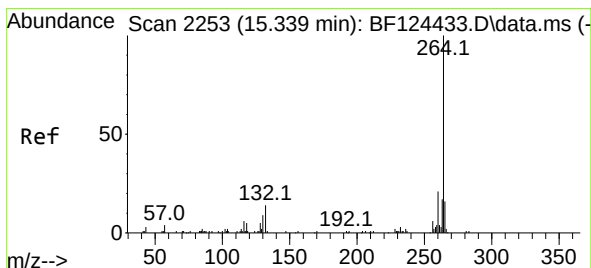
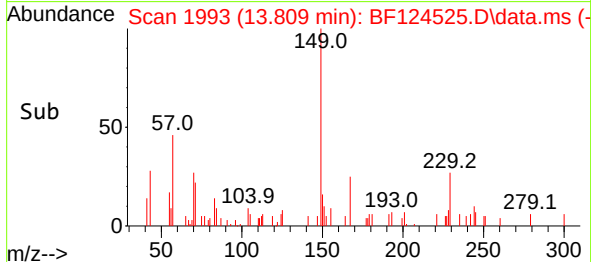
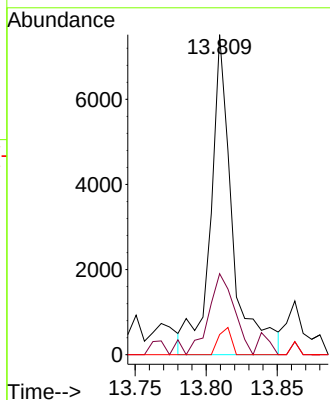
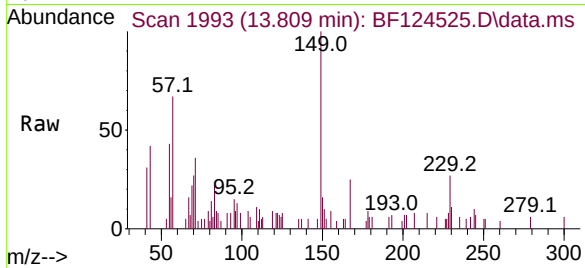




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.08 ng
RT: 13.809 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

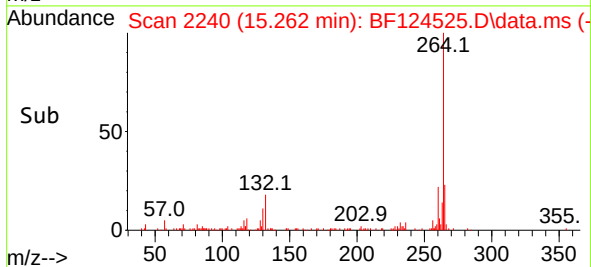
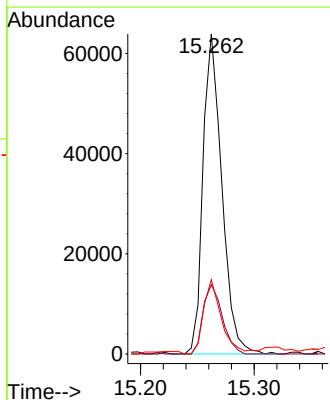
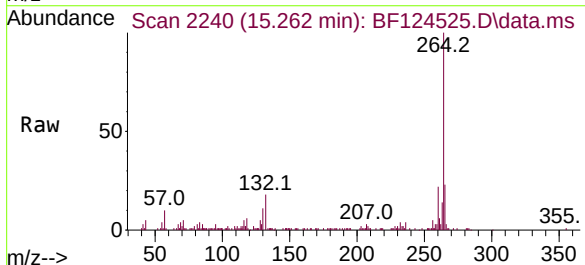
Instrument :
BNA_F
ClientSampleId :
D-3400

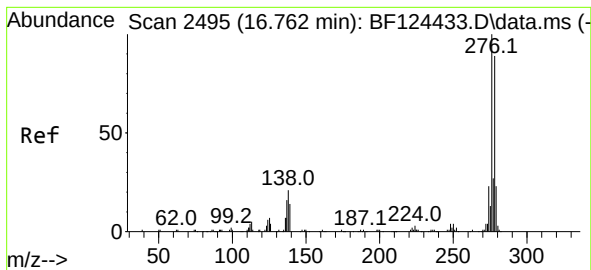
Tgt Ion:149 Resp: 8016
Ion Ratio Lower Upper
149 100
167 25.3 21.8 32.6
279 6.3 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.262 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:264 Resp: 73725
Ion Ratio Lower Upper
264 100
260 21.6 18.7 28.1
265 23.2 17.8 26.8

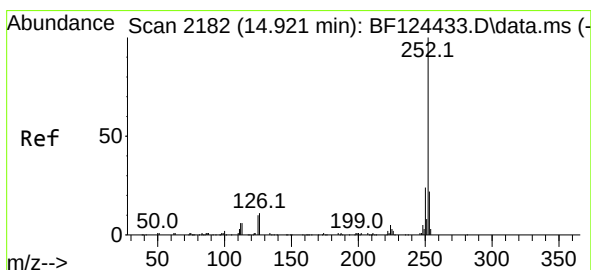
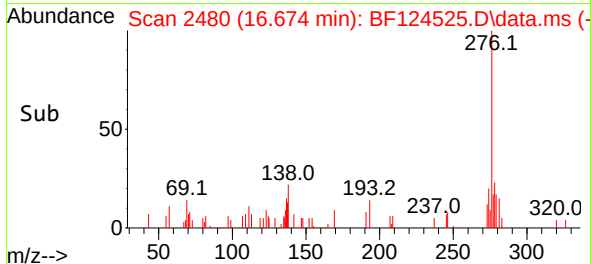
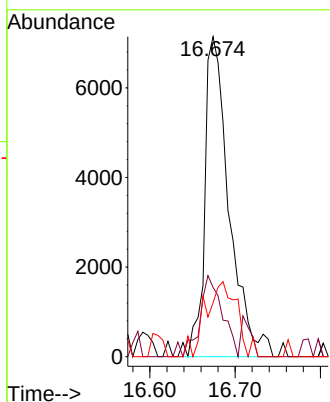
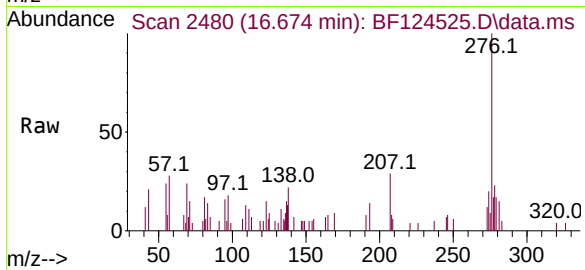




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng
RT: 16.674 min Scan# 2480
Delta R.T. 0.023 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

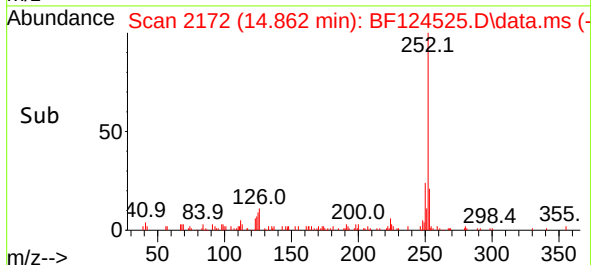
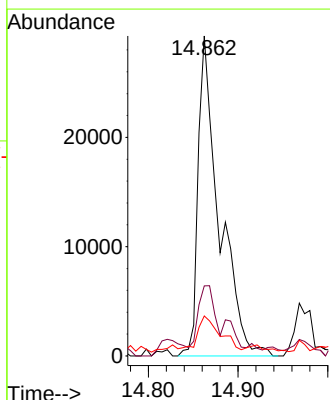
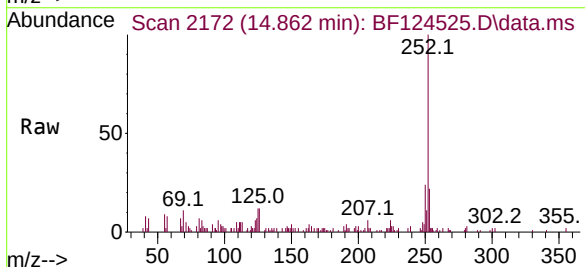
Instrument :
BNA_F
ClientSampleId :
D-3400

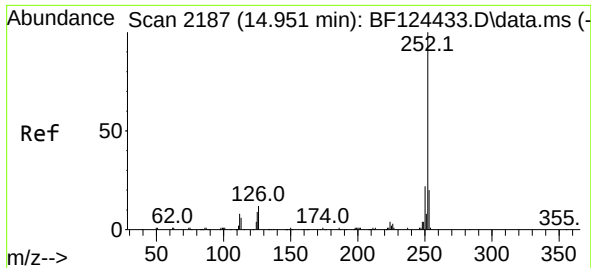
Tgt Ion:276 Resp: 14249
Ion Ratio Lower Upper
276 100
138 23.8 16.2 24.2
277 30.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 8.57 ng
RT: 14.862 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:252 Resp: 47852
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.5 6.2 9.4#

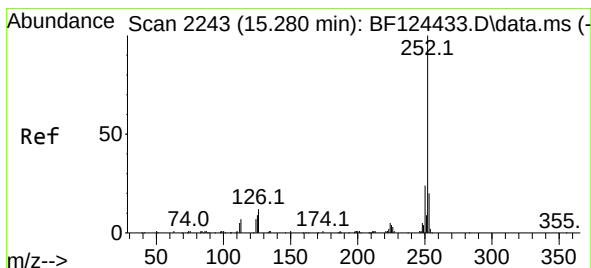
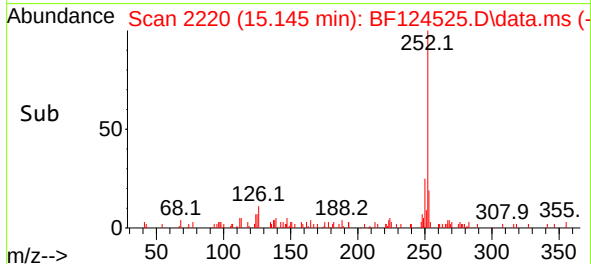
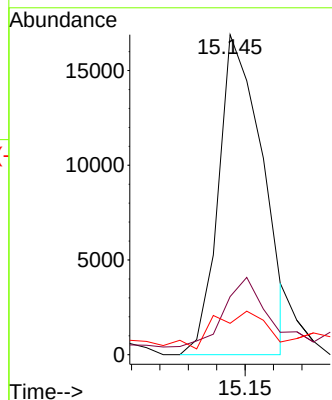
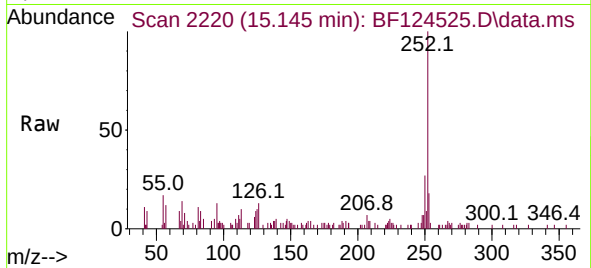




#89
Benzo(k)fluoranthene
Concen: 3.56 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.259 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

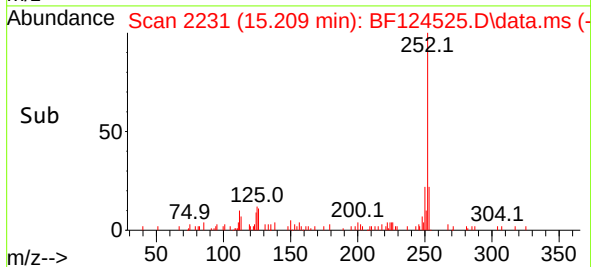
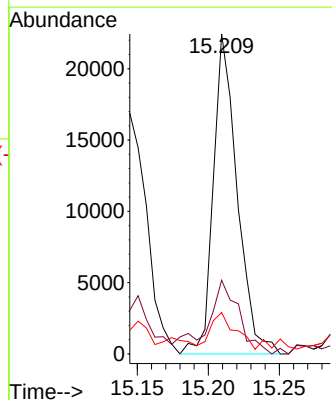
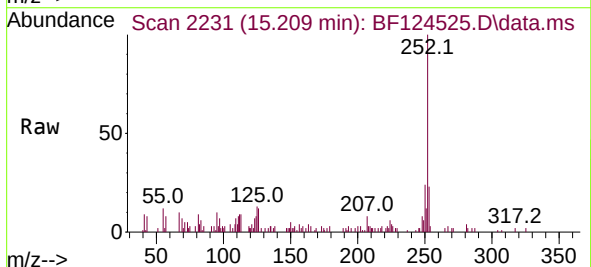
Instrument :
BNA_F
ClientSampleId :
D-3400

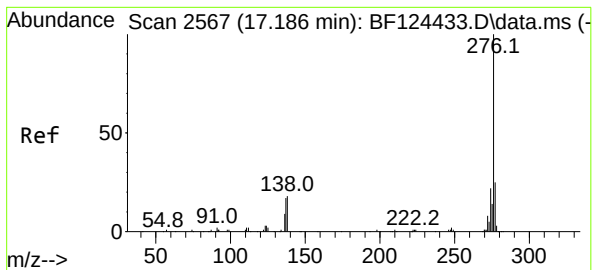
Tgt Ion:252 Resp: 18200
Ion Ratio Lower Upper
252 100
253 18.1 17.9 26.9
125 9.8 7.0 10.6



#90
Benzo(a)pyrene
Concen: 5.28 ng
RT: 15.209 min Scan# 2231
Delta R.T. 0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

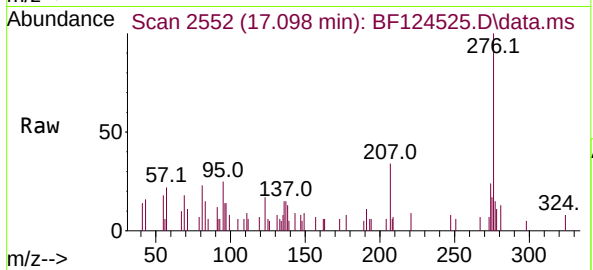
Tgt Ion:252 Resp: 26207
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 13.0 8.0 12.0#





#92
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.029 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Instrument :
BNA_F
ClientSampleId :
D-3400



Tgt Ion:	276	Resp:	12038
Ion Ratio	Lower	Upper	
276	100		
277	14.8	18.2	27.2#
138	13.2	13.8	20.6#

