

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130698.D
 Acq On : 18 Oct 2022 15:09
 Operator : CG\JU
 Sample : N5141-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV34211LDL

Quant Time: Oct 18 16:02:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

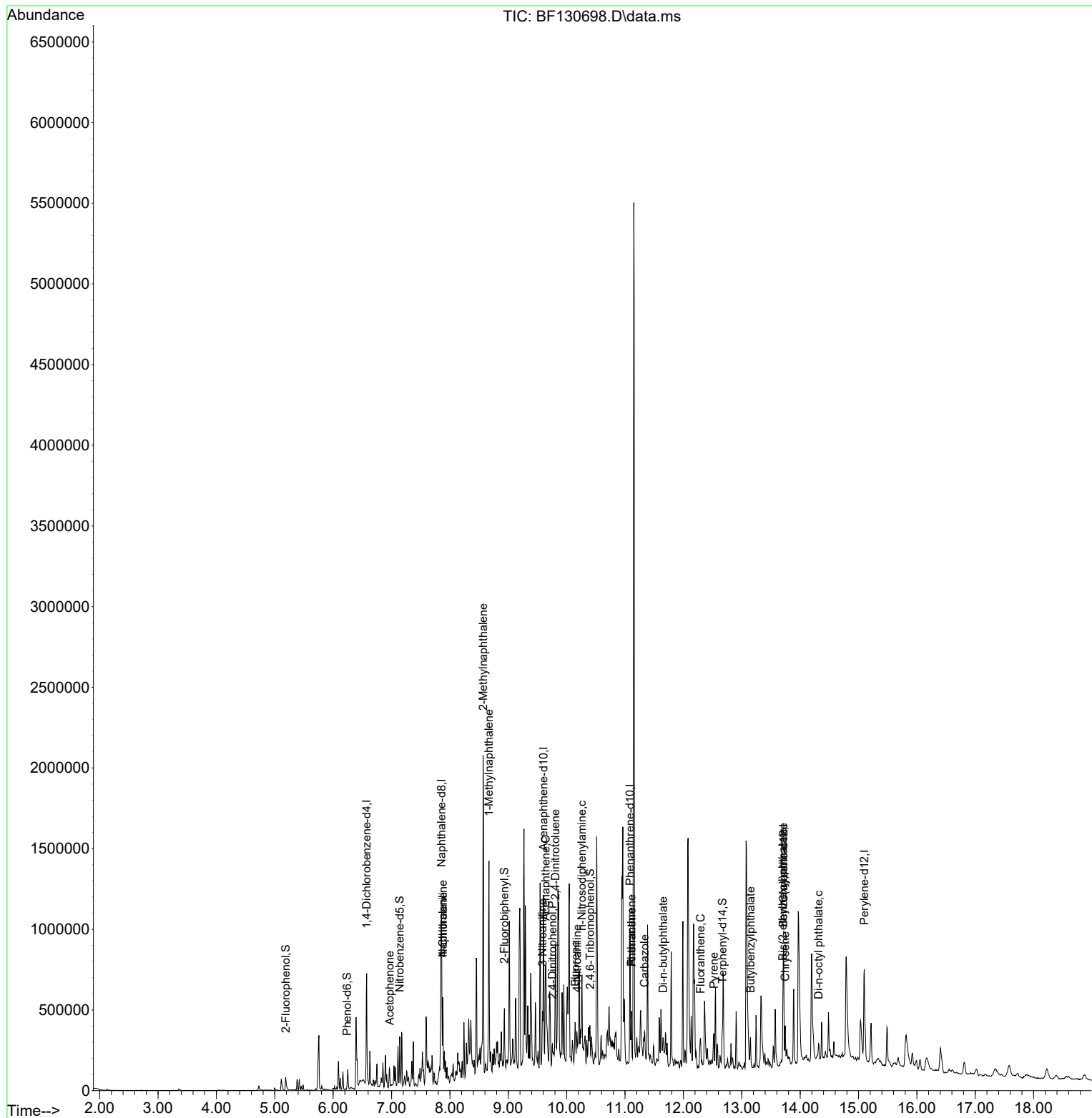
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	100274	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	381906	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	184556	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	257224	20.000	ng	0.00
76) Chrysene-d12	13.715	240	196388	20.000	ng	0.00
86) Perylene-d12	15.098	264	235690	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	31375	5.640	ng	0.02
7) Phenol-d6	6.239	99	22773	3.256	ng	0.01
23) Nitrobenzene-d5	7.139	82	58861	8.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.404	330	18363	10.169	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	111297	9.135	ng	0.00
79) Terphenyl-d14	12.668	244	61389	5.188	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	6.969	105	21746	2.374	ng	# 52
31) Naphthalene	7.881	128	165921	8.393	ng	98
33) 4-Chloroaniline	7.881	127	21397	2.794	ng	# 37
37) 2-Methylnaphthalene	8.569	142	530342	42.629	ng	100
38) 1-Methylnaphthalene	8.669	142	305077	25.261	ng	98
52) Acenaphthene	9.639	154	21626	2.179	ng	# 89
53) 3-Nitroaniline	9.586	138	6308	2.053	ng	# 79
54) 2,4-Dinitrophenol	9.757	184	77	5.024	ng	# 1
57) 2,4-Dinitrotoluene	9.810	165	15865	4.405	ng	# 80
58) Fluorene	10.151	166	33928	2.730	ng	# 96
62) 4-Nitroaniline	10.180	138	13573	4.628	ng	93
66) n-Nitrosodiphenylamine	10.263	169	46785	5.468	ng	# 63
71) Phenanthrene	11.110	178	126406	8.870	ng	98
72) Anthracene	11.110	178	126406	9.082	ng	99
73) Carbazole	11.333	167	75325	6.065	ng	96
74) Di-n-butylphthalate	11.651	149	85006	5.650	ng	98
75) Fluoranthene	12.292	202	99758	7.283	ng	98
78) Pyrene	12.521	202	119006	7.024	ng	98
80) Butylbenzylphthalate	13.151	149	44943	6.899	ng	98
81) Benzo(a)anthracene	13.710	228	88728	6.705	ng	97
83) Chrysene	13.745	228	94697	7.548	ng	98
84) Bis(2-ethylhexyl)phtha...	13.704	149	53257	6.743	ng	99
85) Di-n-octyl phthalate	14.315	149	35763	2.957	ng	# 31

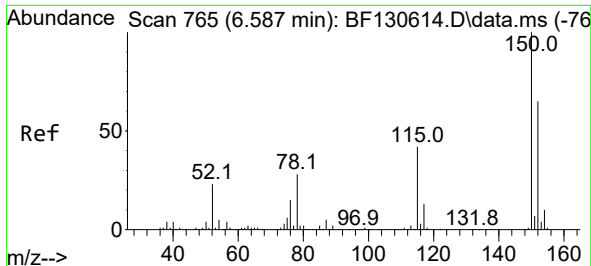
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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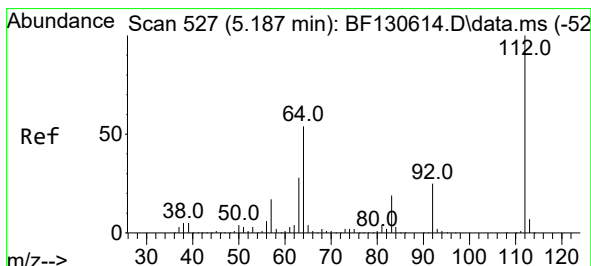
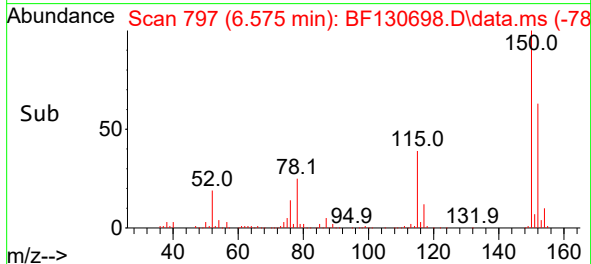
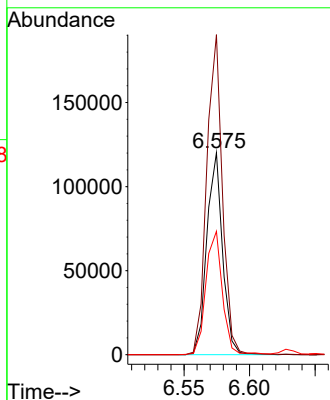
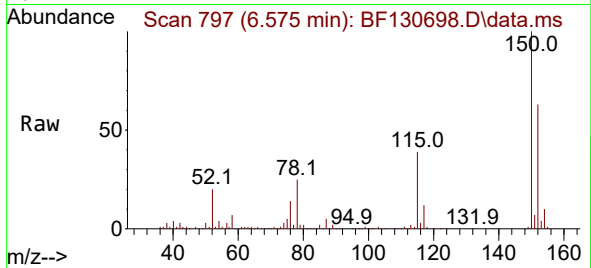




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

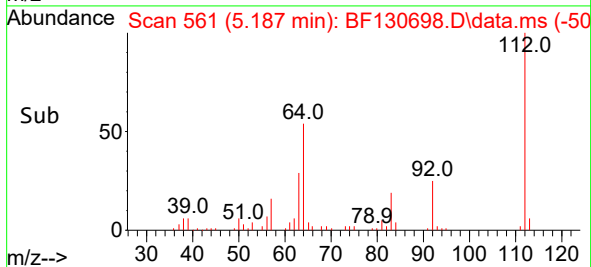
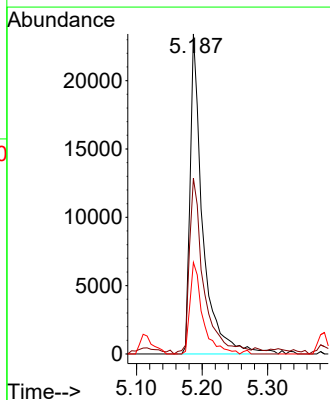
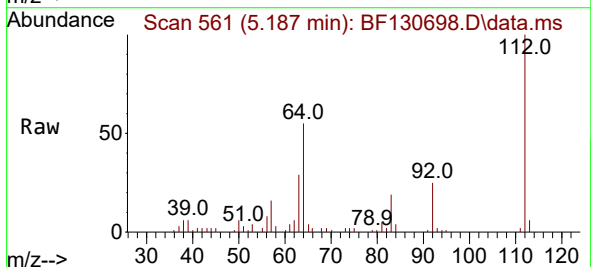
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

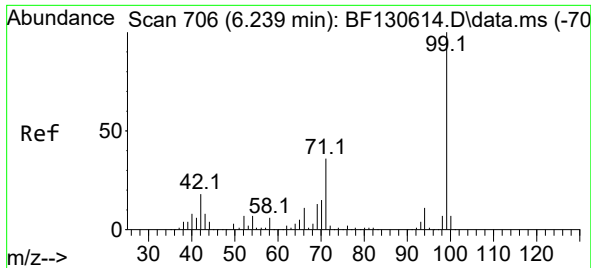
Tgt Ion:152 Resp: 100274
Ion Ratio Lower Upper
152 100
150 158.4 123.8 185.6
115 61.1 52.2 78.4



#5
2-Fluorophenol
Concen: 5.640 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:112 Resp: 31375
Ion Ratio Lower Upper
112 100
64 54.9 43.5 65.3
63 28.6 22.6 34.0

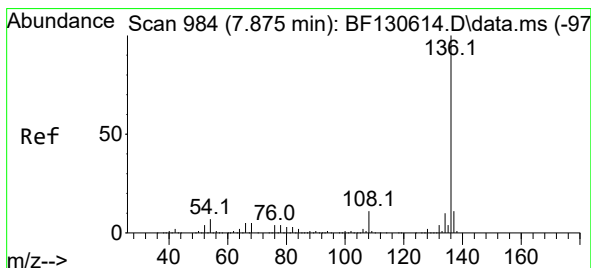
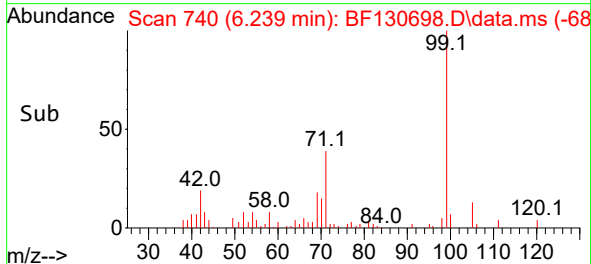
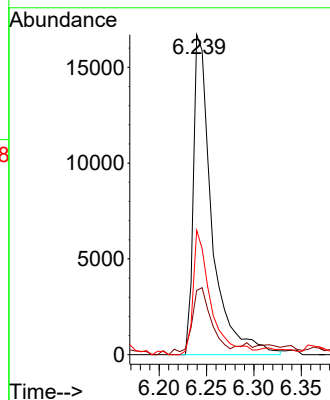
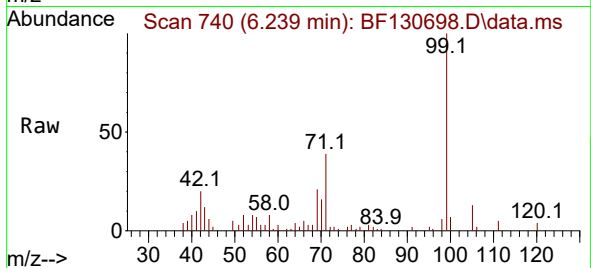




#7
Phenol-d6
Concen: 3.256 ng
RT: 6.239 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

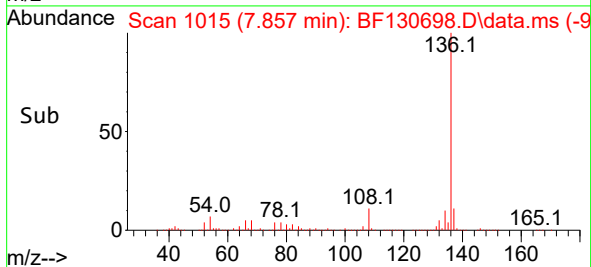
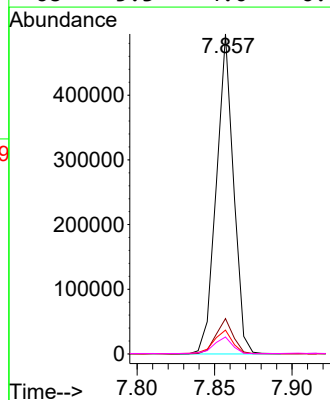
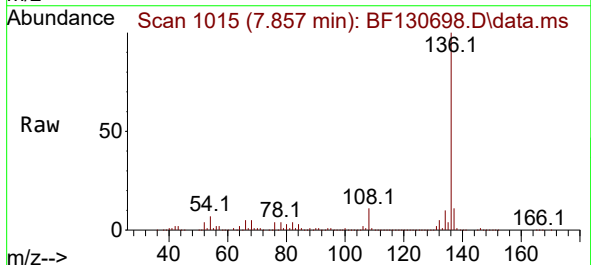
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

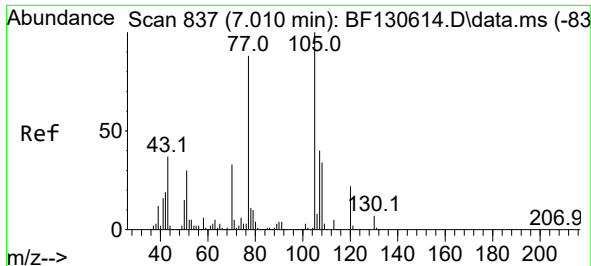
Tgt Ion: 99 Resp: 22773
Ion Ratio Lower Upper
99 100
42 20.1 14.0 21.0
71 38.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

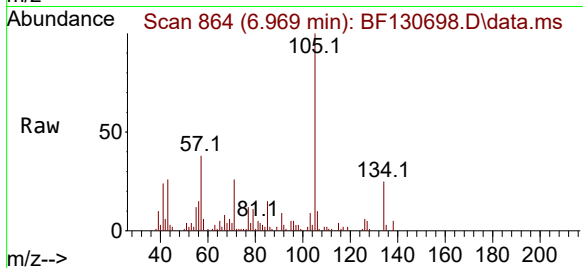
Tgt Ion:136 Resp: 381906
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.5 5.5 8.3
68 5.3 4.0 6.0



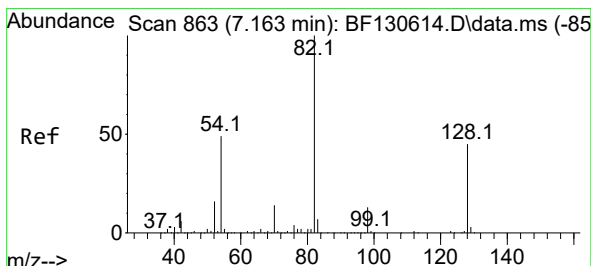
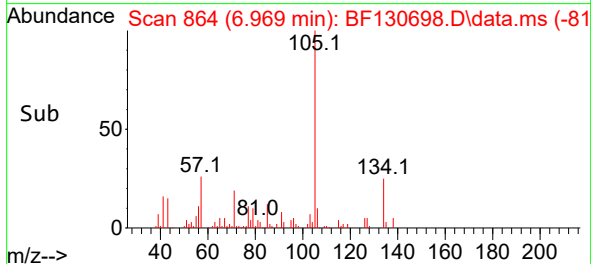
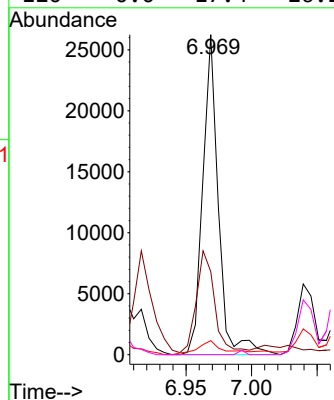


#22
Acetophenone
Concen: 2.374 ng
RT: 6.969 min Scan# 801
Delta R.T. -0.030 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Instrument :
BNA_F
ClientSampleId :
SV34211LDL

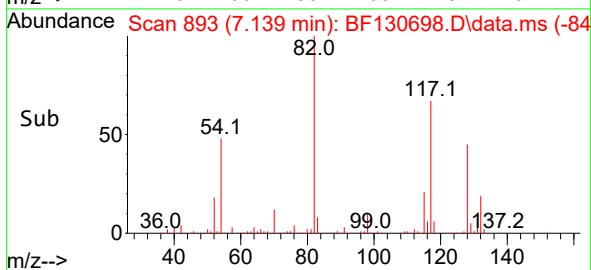
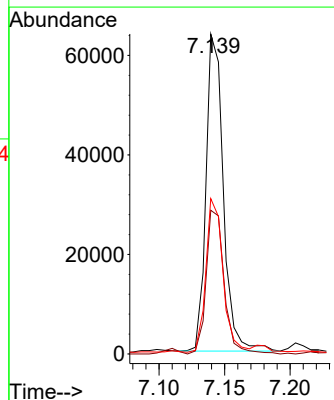
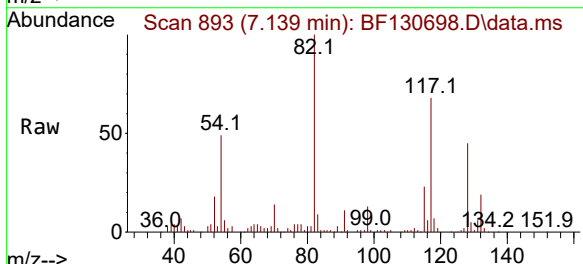


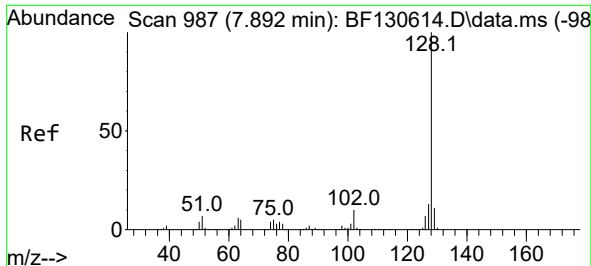
Tgt Ion:105 Resp: 21746
Ion Ratio Lower Upper
105 100
71 26.0 4.2 6.4#
51 4.4 24.3 36.5#
120 0.0 17.4 26.2#



#23
Nitrobenzene-d5
Concen: 8.414 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion: 82 Resp: 58861
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.6
54 48.5 39.3 58.9

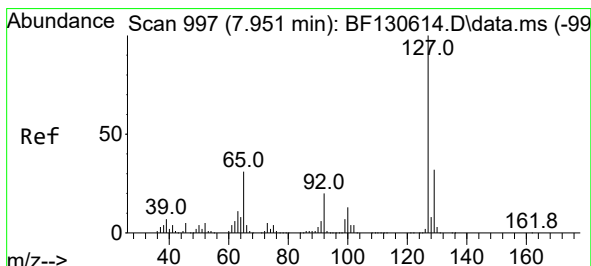
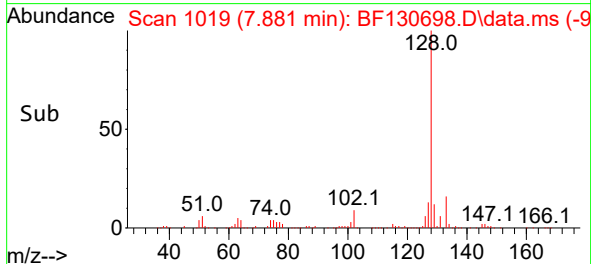
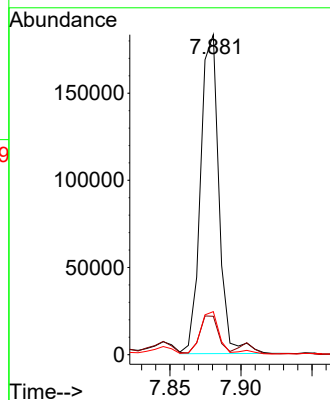
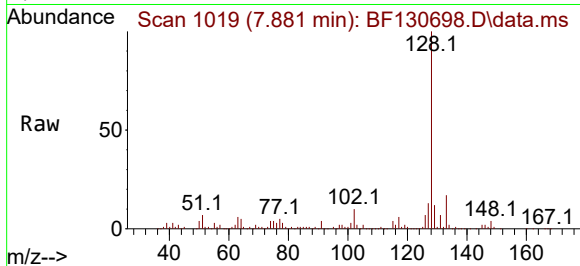




#31
Naphthalene
Concen: 8.393 ng
RT: 7.881 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

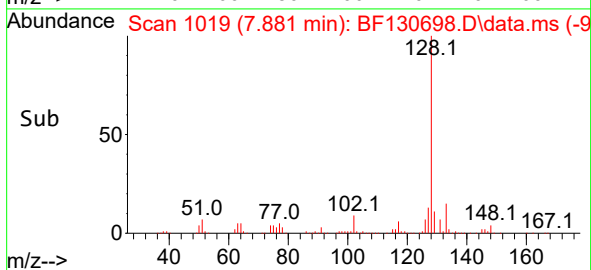
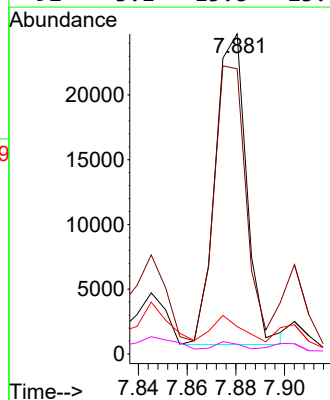
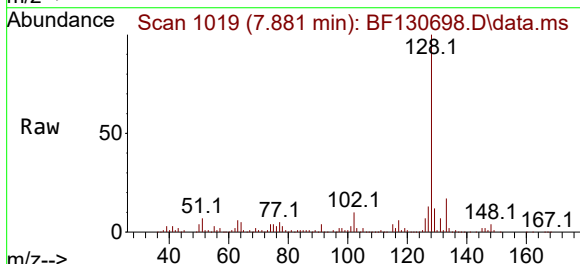
Instrument :
BNA_F
ClientSampleId :
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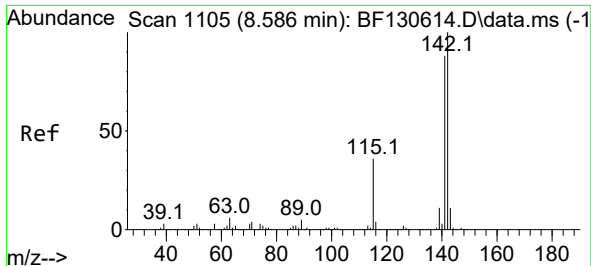
Tgt Ion:128 Resp: 165921
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.5 10.3 15.5



#33
4-Chloroaniline
Concen: 2.794 ng
RT: 7.881 min Scan# 1019
Delta R.T. -0.059 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:127 Resp: 21397
Ion Ratio Lower Upper
127 100
129 89.1 25.7 38.5#
65 8.6 24.7 37.1#
92 3.1 15.8 23.8#

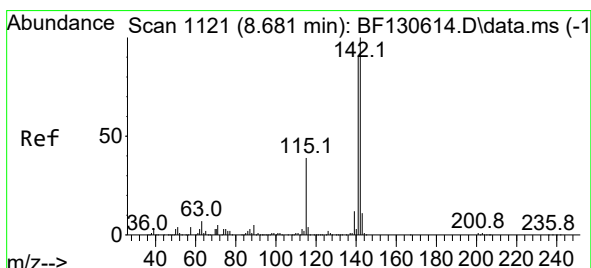
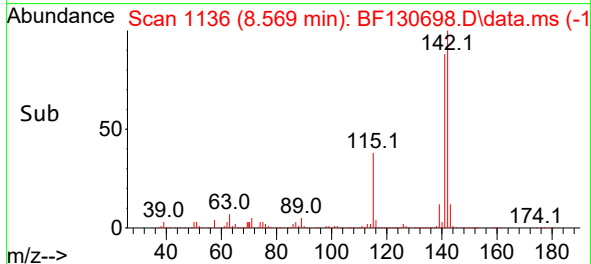
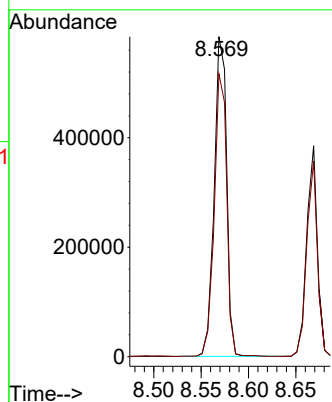
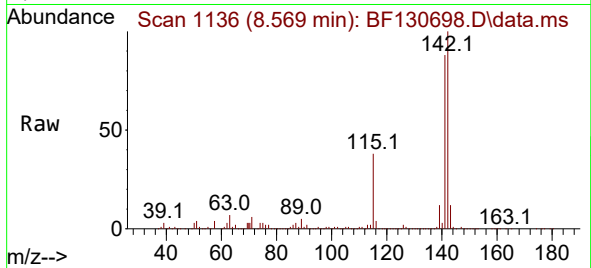




#37
2-Methylnaphthalene
Concen: 42.629 ng
RT: 8.569 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

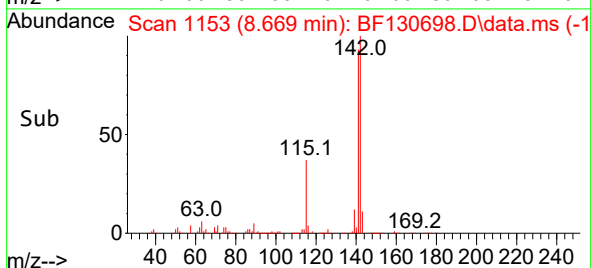
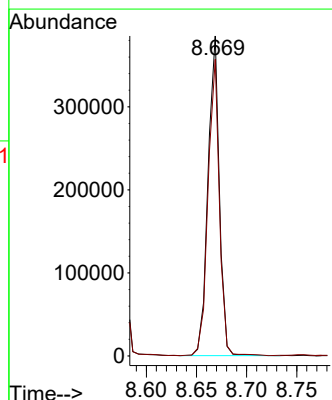
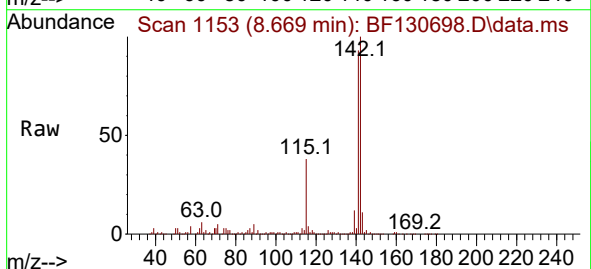
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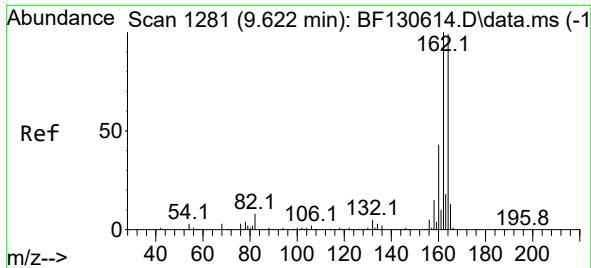
Tgt Ion:142 Resp: 530342
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 25.261 ng
RT: 8.669 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:142 Resp: 305077
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8

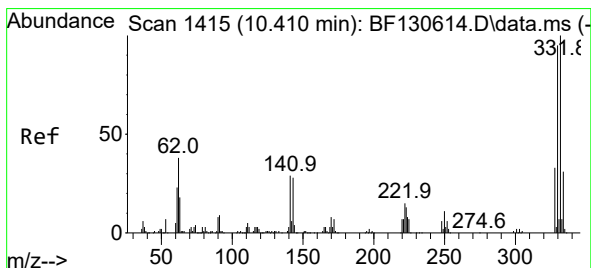
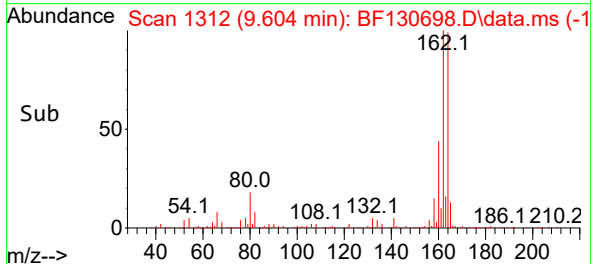
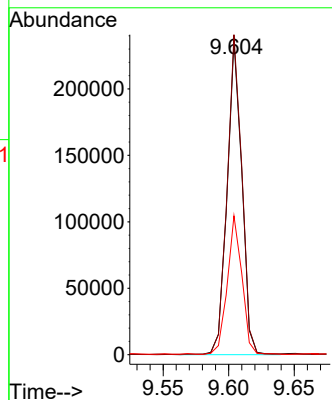
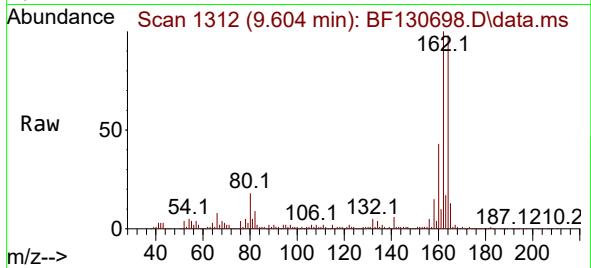




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

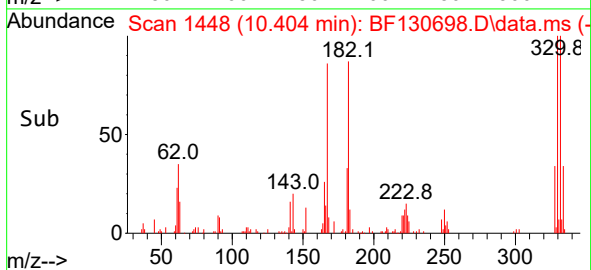
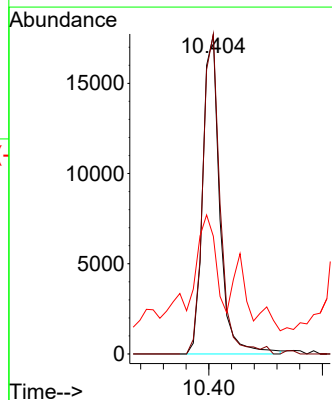
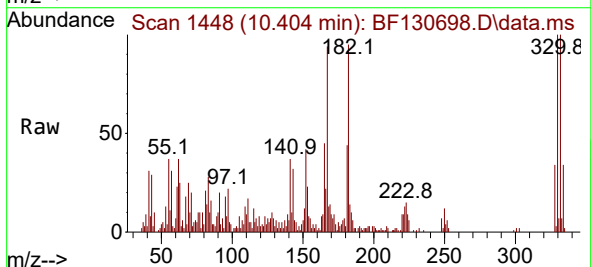
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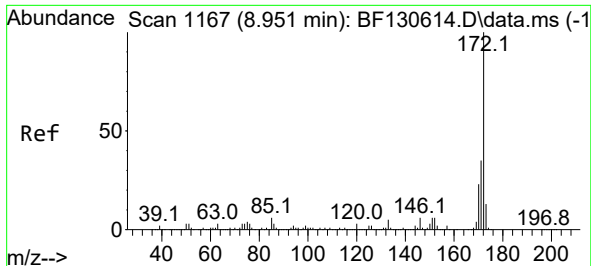
Tgt Ion:164 Resp: 184556
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.2 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 10.169 ng
RT: 10.404 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:330 Resp: 18363
Ion Ratio Lower Upper
330 100
332 102.3 84.2 126.4
141 40.6 26.8 40.2#





#45

2-Fluorobiphenyl

Concen: 9.135 ng

RT: 8.933 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

Instrument :

BNA_F

ClientSampleId :

SV34211LDL

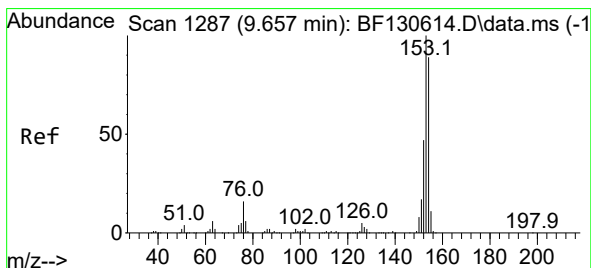
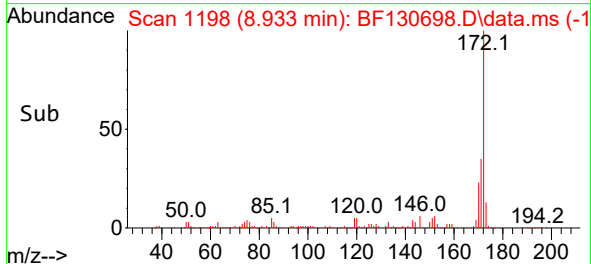
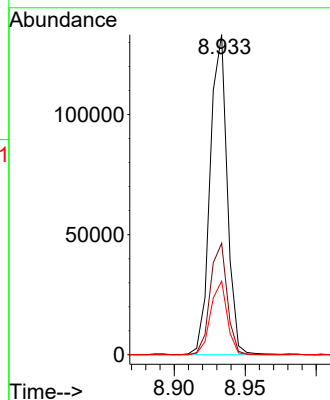
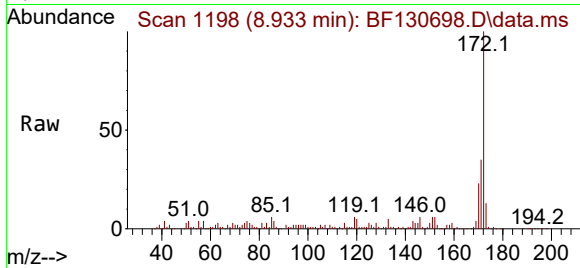
Tgt Ion:172 Resp: 111297

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.0 18.6 27.8



#52

Acenaphthene

Concen: 2.179 ng

RT: 9.639 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

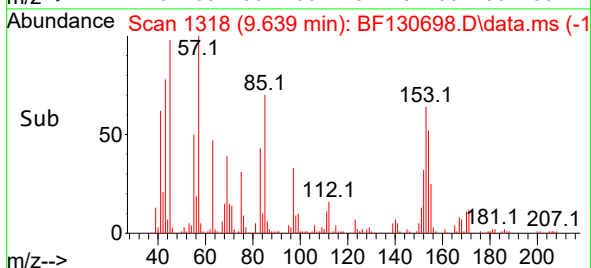
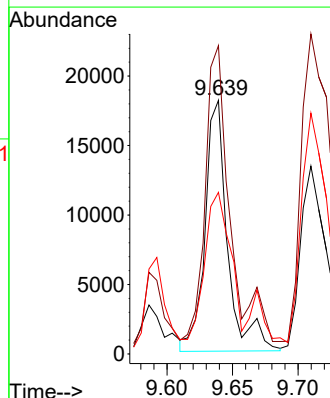
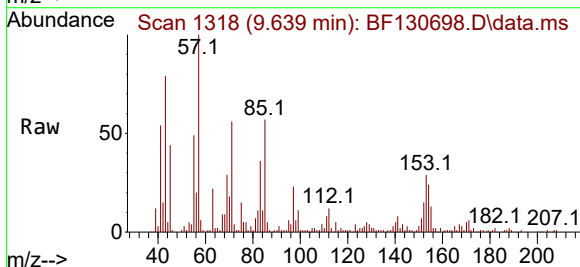
Tgt Ion:154 Resp: 21626

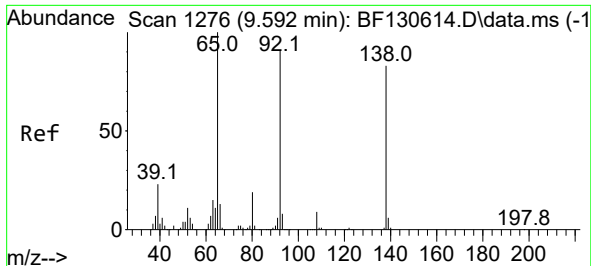
Ion Ratio Lower Upper

154 100

153 121.6 89.6 134.4

152 63.7 42.4 63.6#

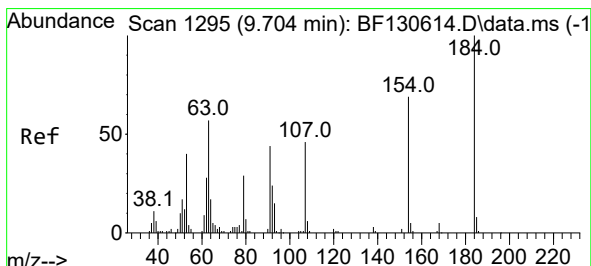
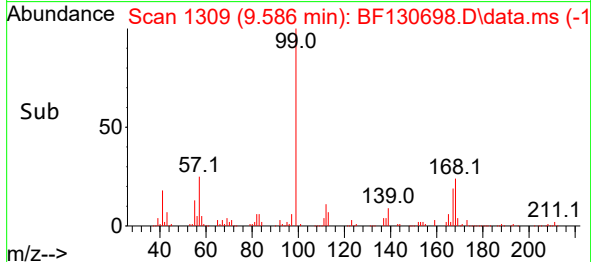
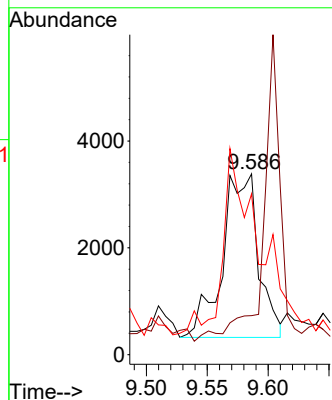
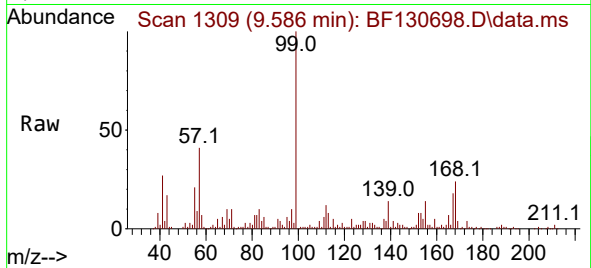




#53
3-Nitroaniline
Concen: 2.053 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

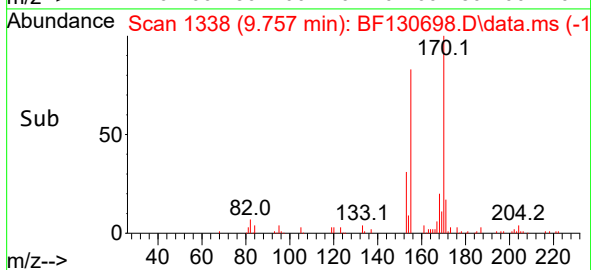
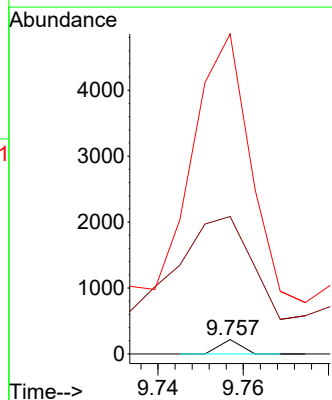
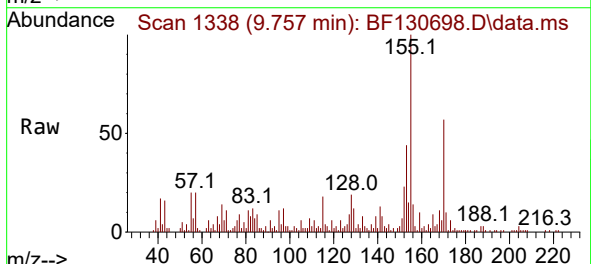
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

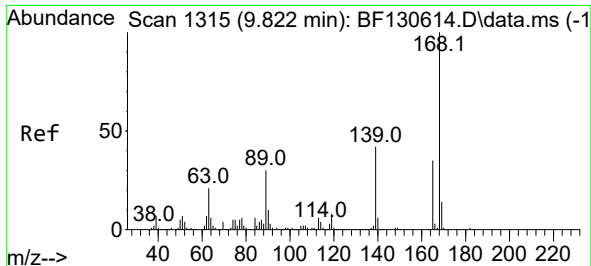
Tgt Ion:138 Resp: 6308
Ion Ratio Lower Upper
138 100
108 21.6 8.4 12.6#
92 89.0 88.2 132.4



#54
2,4-Dinitrophenol
Concen: 5.024 ng
RT: 9.757 min Scan# 1338
Delta R.T. 0.059 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 960.8 45.5 68.3#
154 2236.9 55.1 82.7#





#57

2,4-Dinitrotoluene

Concen: 4.405 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

Instrument :

BNA_F

ClientSampleId :

SV34211LDL

Tgt Ion:165 Resp: 15865

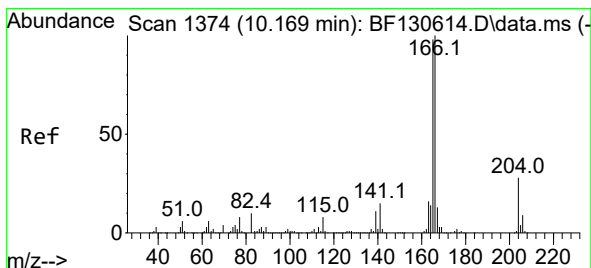
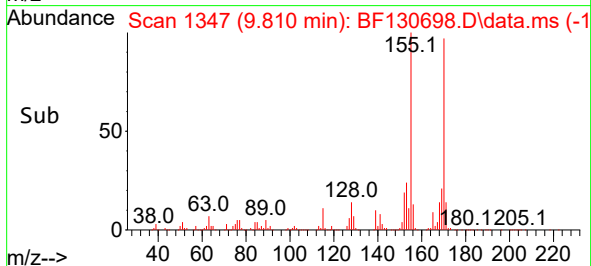
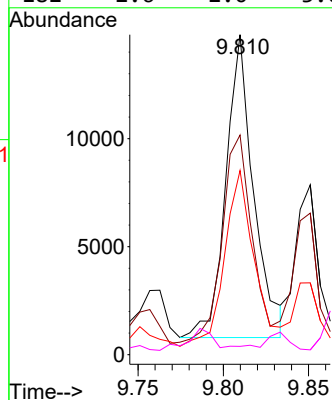
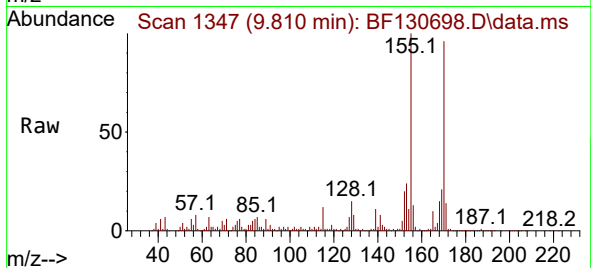
Ion Ratio Lower Upper

165 100

63 68.6 50.6 76.0

89 57.5 68.6 102.8#

182 2.6 2.0 3.0



#58

Fluorene

Concen: 2.730 ng

RT: 10.151 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

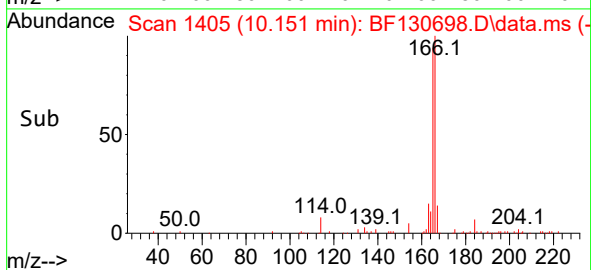
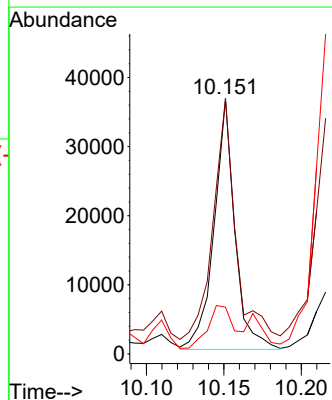
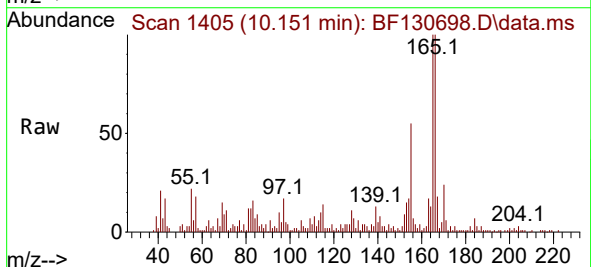
Tgt Ion:166 Resp: 33928

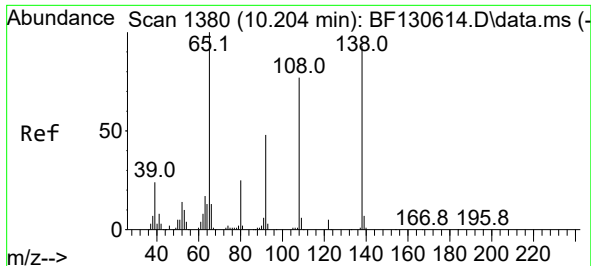
Ion Ratio Lower Upper

166 100

165 100.2 78.2 117.4

167 18.3 10.8 16.2#

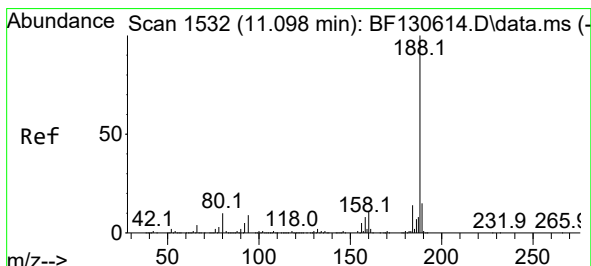
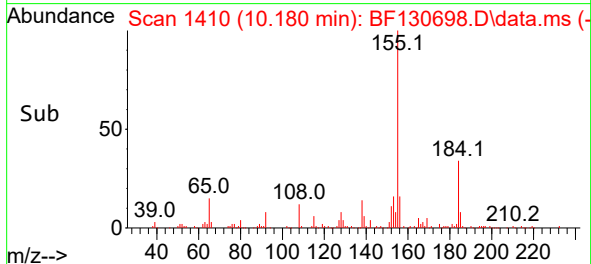
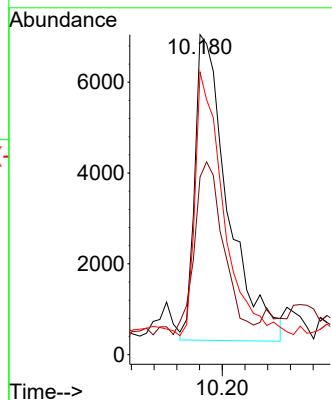
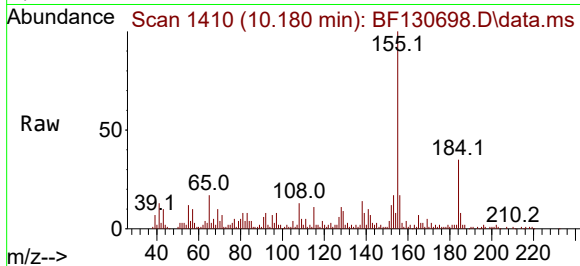




#62
4-Nitroaniline
Concen: 4.628 ng
RT: 10.180 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

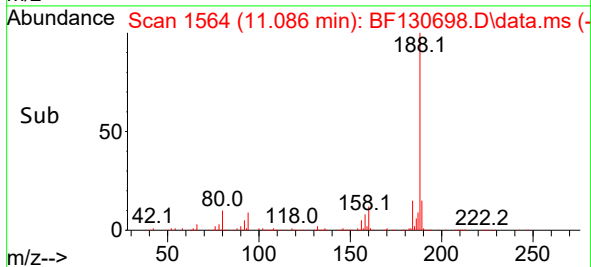
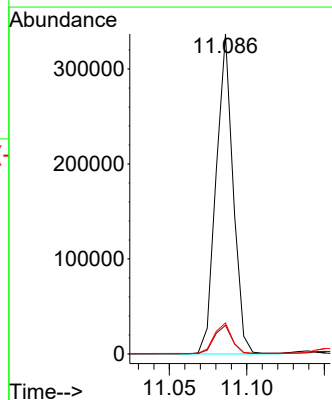
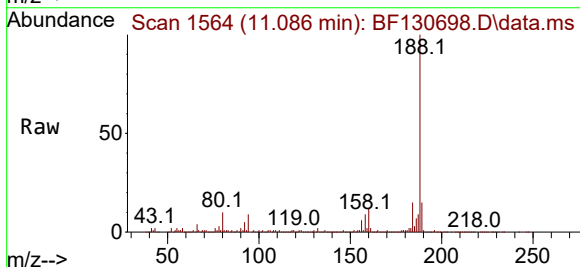
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

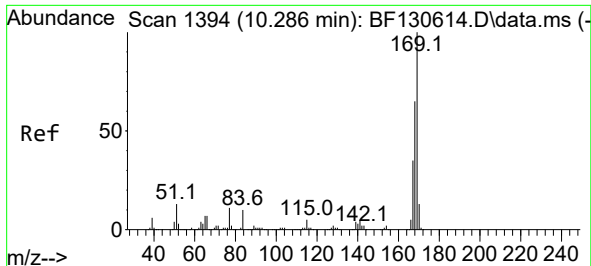
Tgt Ion:138 Resp: 13573
Ion Ratio Lower Upper
138 100
92 55.5 31.1 71.1
108 88.2 62.1 102.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:188 Resp: 257224
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 8.0 12.0

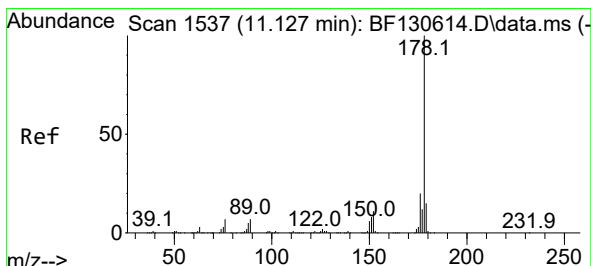
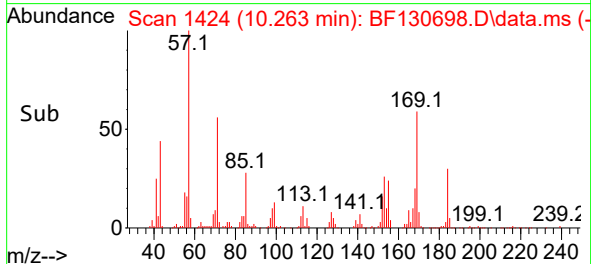
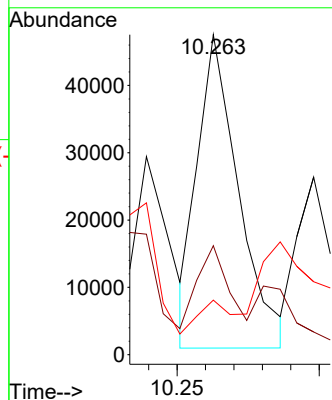
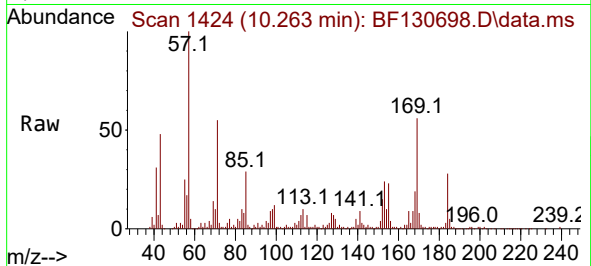




#66
n-Nitrosodiphenylamine
Concen: 5.468 ng
RT: 10.263 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

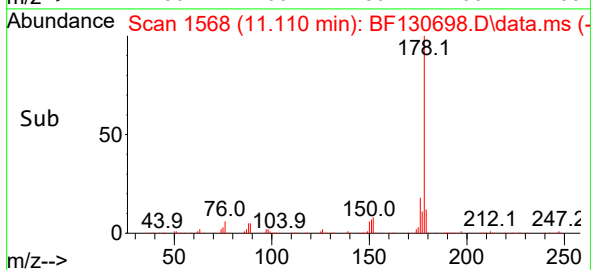
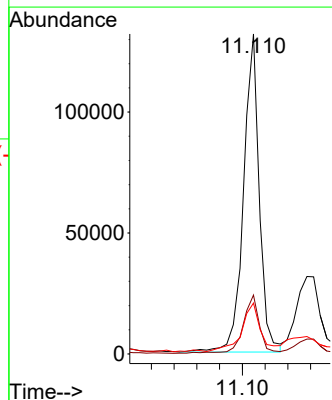
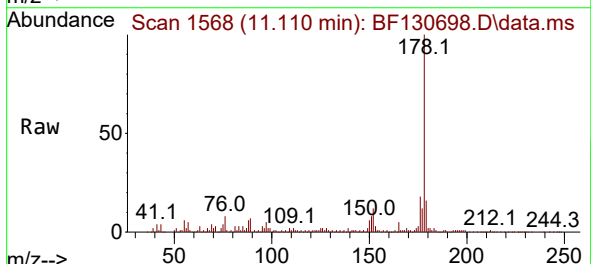
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

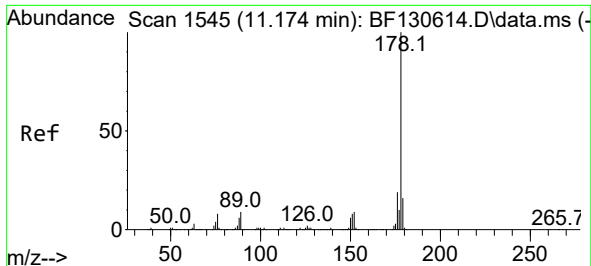
Tgt Ion:169 Resp: 46785
Ion Ratio Lower Upper
169 100
168 34.0 52.2 78.4#
167 17.0 28.3 42.5#



#71
Phenanthrene
Concen: 8.870 ng
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:178 Resp: 126406
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.9 12.2 18.4

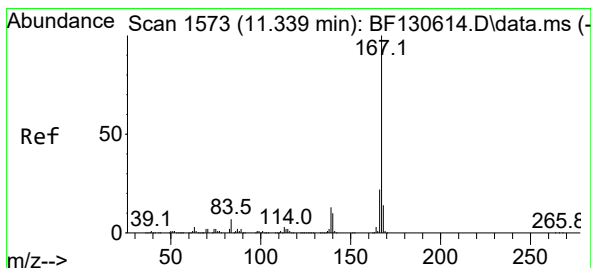
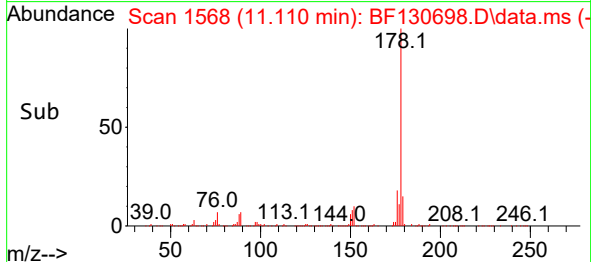
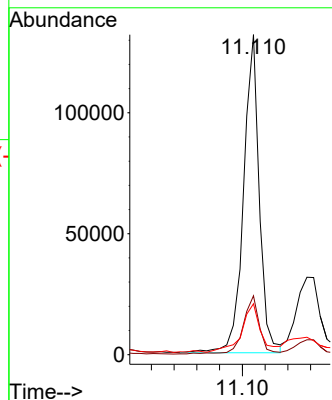
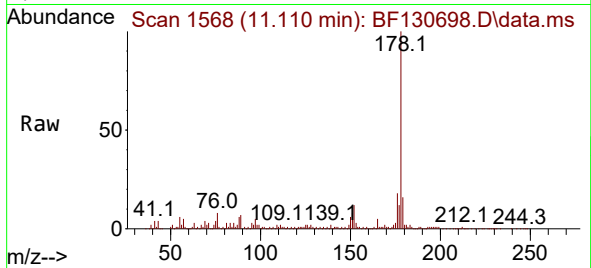




#72
 Anthracene
 Concen: 9.082 ng
 RT: 11.110 min Scan# 11
 Delta R.T. -0.053 min
 Lab File: BF130698.D
 Acq: 18 Oct 2022 15:09

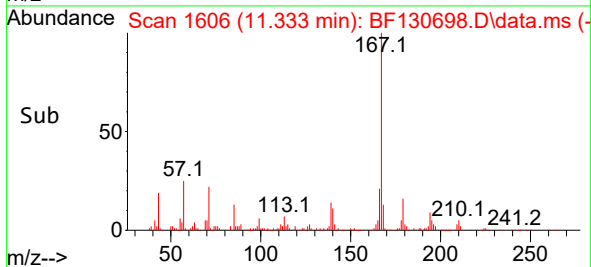
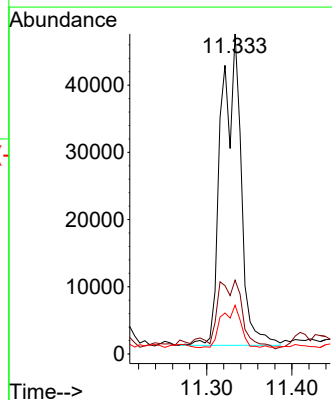
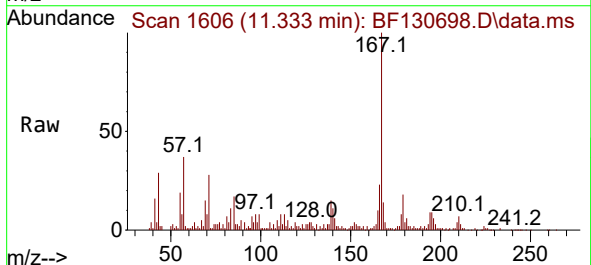
Instrument :
 BNA_F
 ClientSampleId :
 SV34211LDL

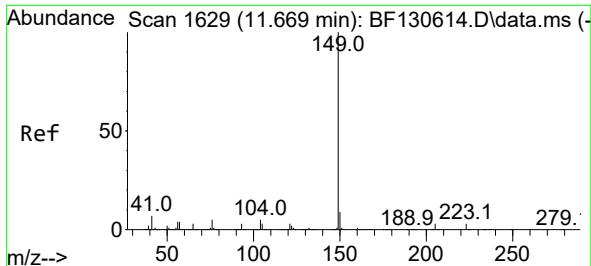
Tgt Ion:178 Resp: 126406
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 15.9 12.5 18.7



#73
 Carbazole
 Concen: 6.065 ng
 RT: 11.333 min Scan# 1606
 Delta R.T. 0.006 min
 Lab File: BF130698.D
 Acq: 18 Oct 2022 15:09

Tgt Ion:167 Resp: 75325
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.3 25.9
 139 15.2 10.7 16.1

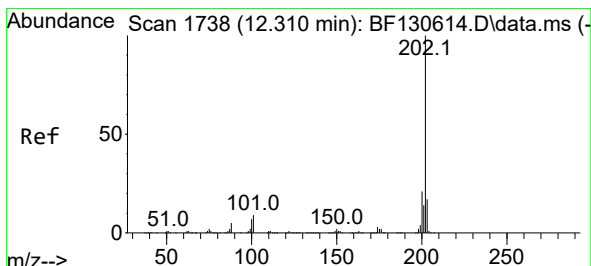
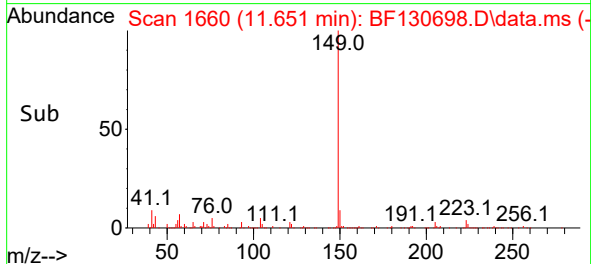
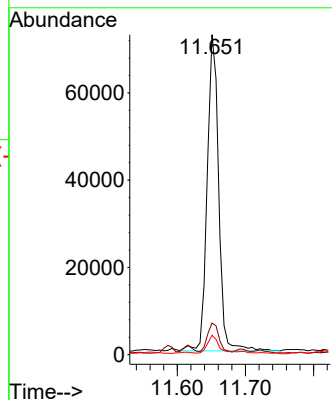
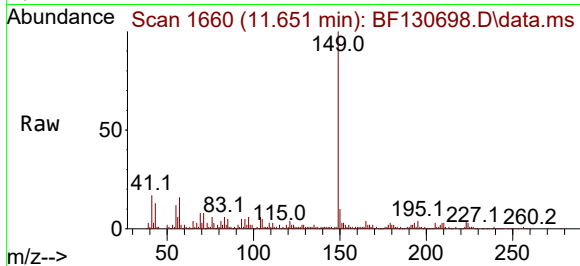




#74
Di-n-butylphthalate
Concen: 5.650 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

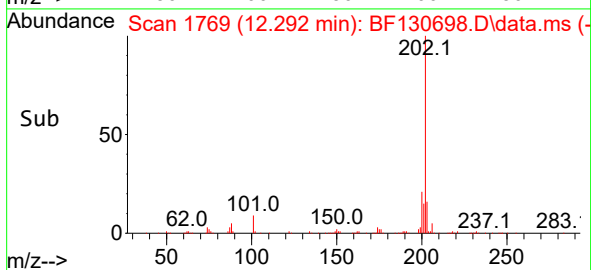
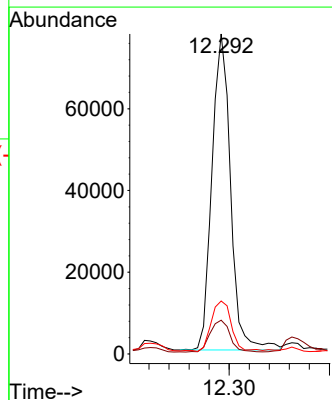
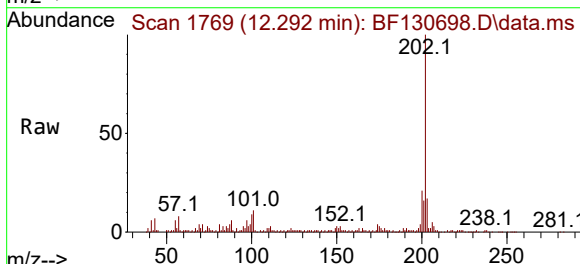
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

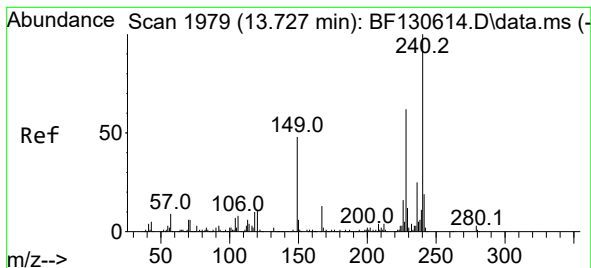
Tgt Ion:149 Resp: 85006
Ion Ratio Lower Upper
149 100
150 9.9 7.5 11.3
104 6.1 4.2 6.2



#75
Fluoranthene
Concen: 7.283 ng
RT: 12.292 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:202 Resp: 99758
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.1
203 16.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.715 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

Instrument :

BNA_F

ClientSampleId :

SV34211LDL

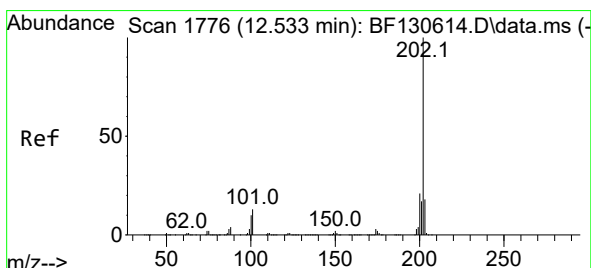
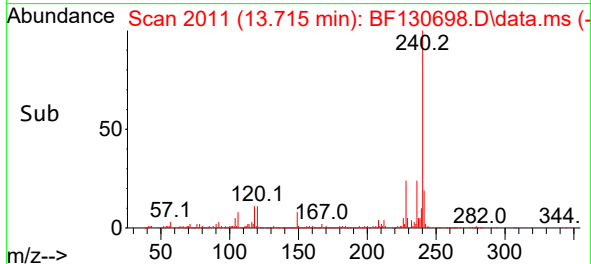
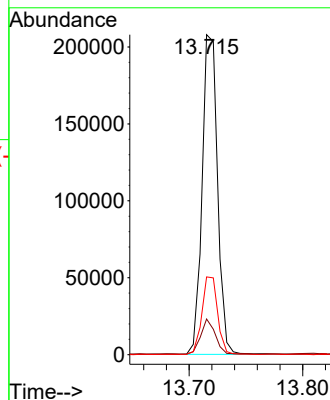
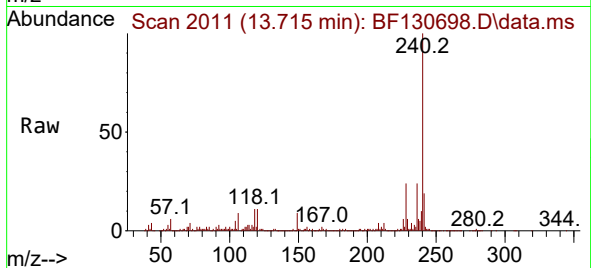
Tgt Ion:240 Resp: 196388

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

236 24.3 20.2 30.4



#78

Pyrene

Concen: 7.024 ng

RT: 12.521 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

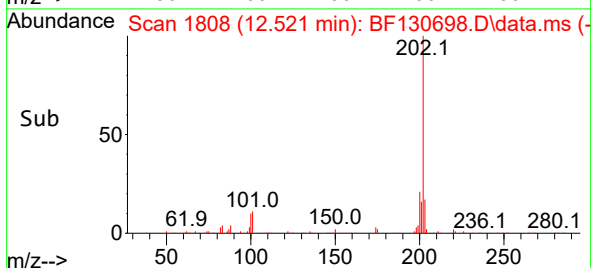
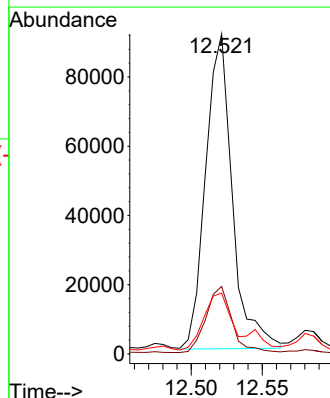
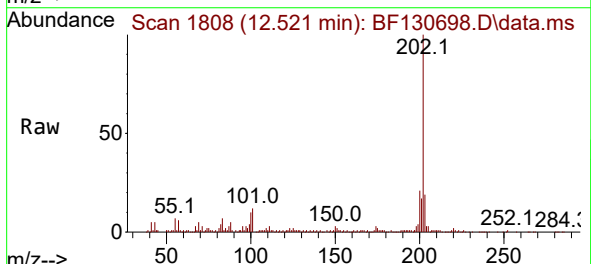
Tgt Ion:202 Resp: 119006

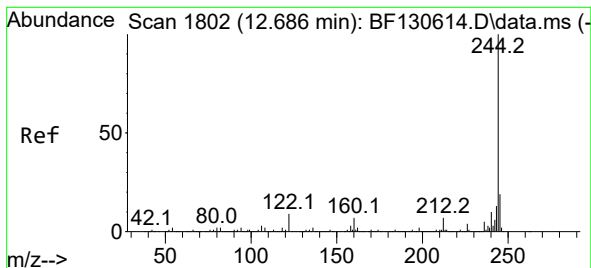
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 19.0 14.0 21.0





#79

Terphenyl-d14

Concen: 5.188 ng

RT: 12.668 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

Instrument :

BNA_F

ClientSampleId :

SV34211LDL

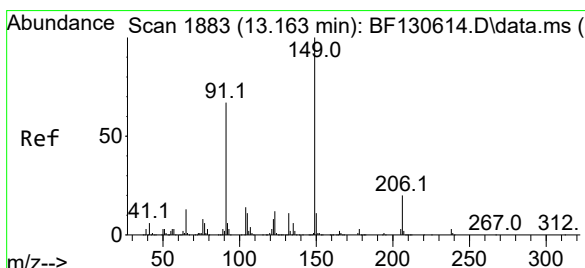
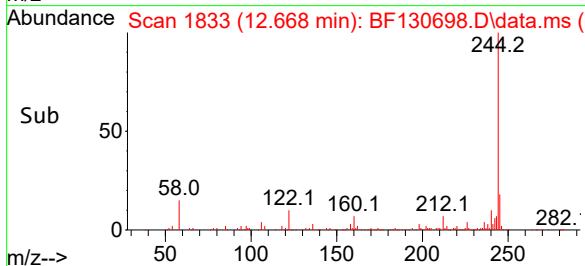
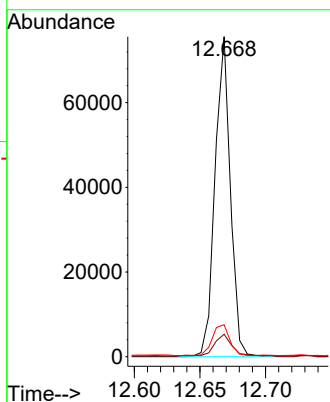
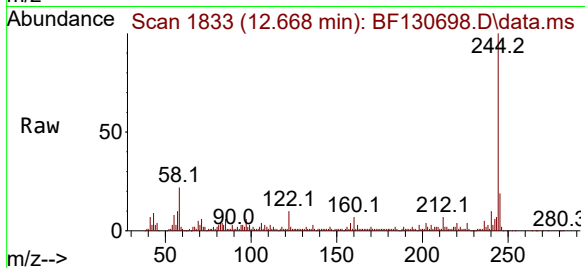
Tgt Ion:244 Resp: 61389

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 10.0 7.5 11.3



#80

Butylbenzylphthalate

Concen: 6.899 ng

RT: 13.151 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF130698.D

Acq: 18 Oct 2022 15:09

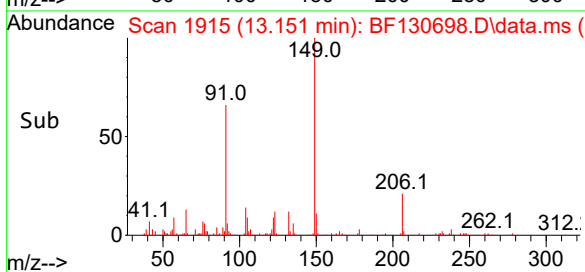
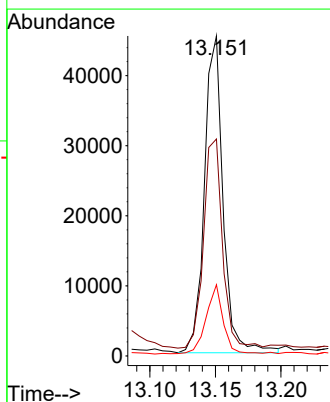
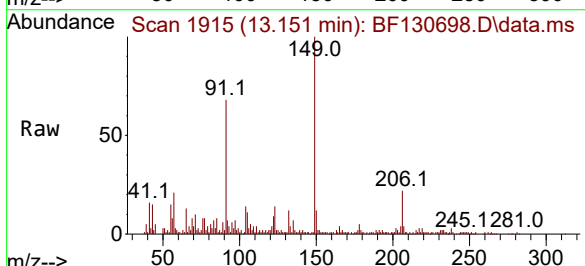
Tgt Ion:149 Resp: 44943

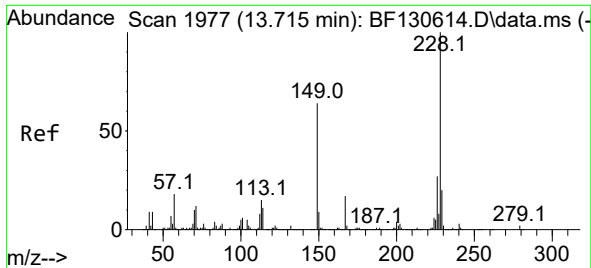
Ion Ratio Lower Upper

149 100

91 67.8 53.8 80.8

206 22.3 15.8 23.6

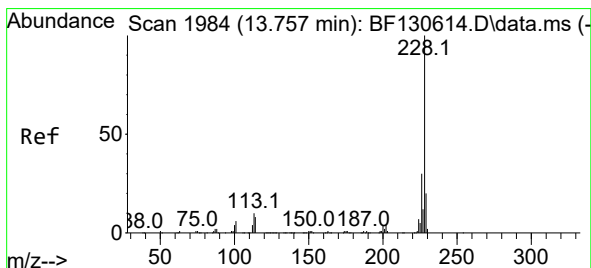
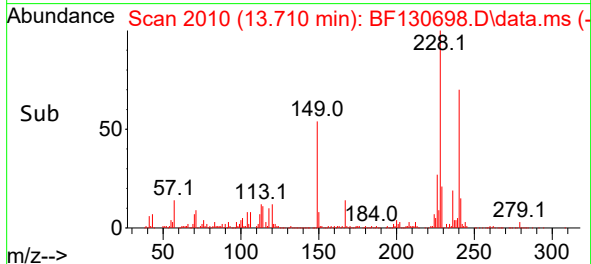
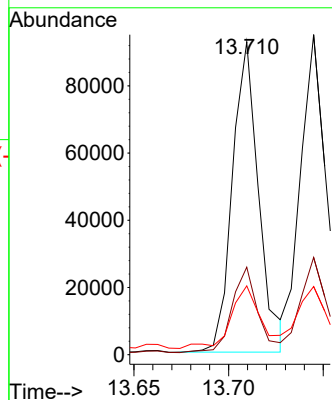
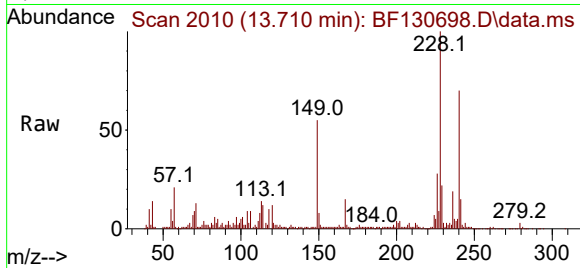




#81
Benzo(a)anthracene
Concen: 6.705 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

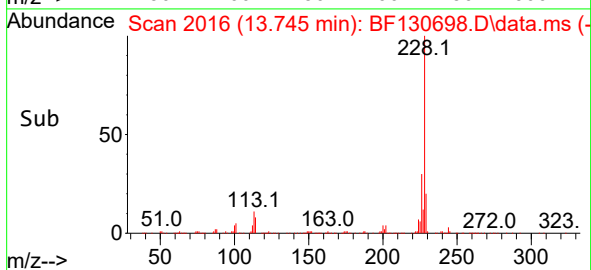
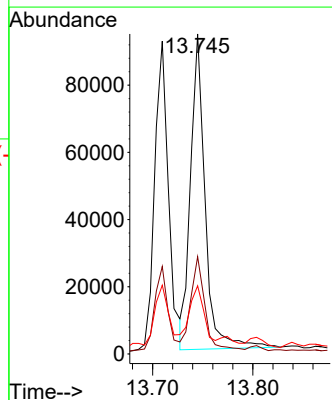
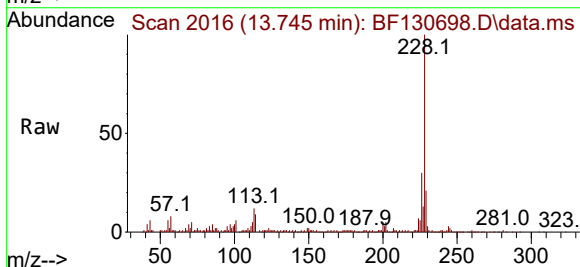
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

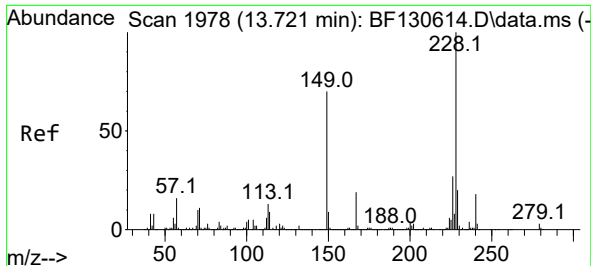
Tgt Ion:228 Resp: 88728
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.2
229 22.0 15.8 23.8



#83
Chrysene
Concen: 7.548 ng
RT: 13.745 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Tgt Ion:228 Resp: 94697
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 21.3 15.9 23.9

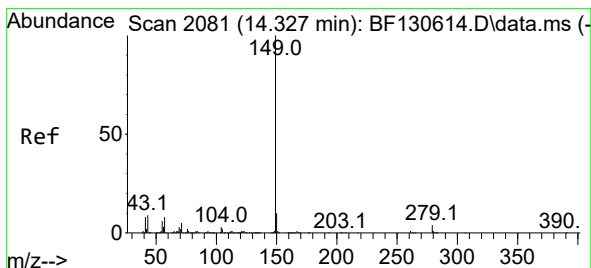
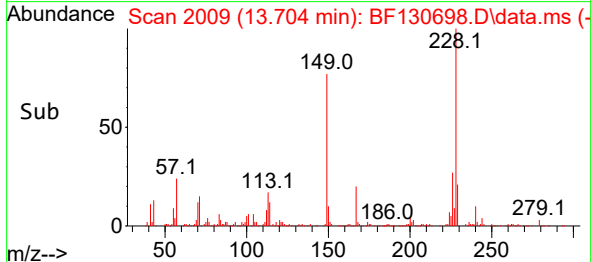
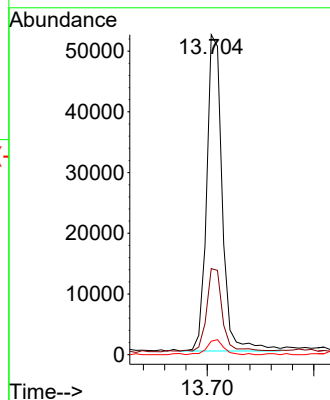
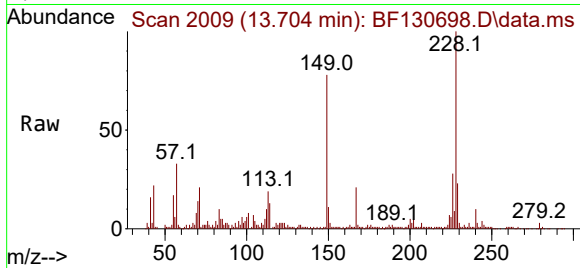




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.743 ng
RT: 13.704 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

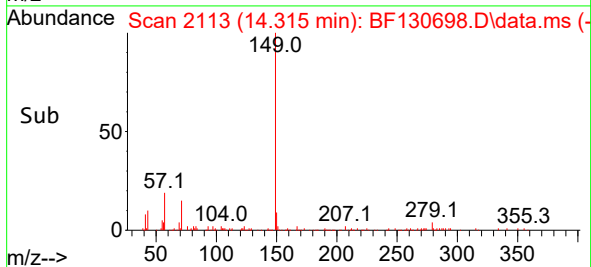
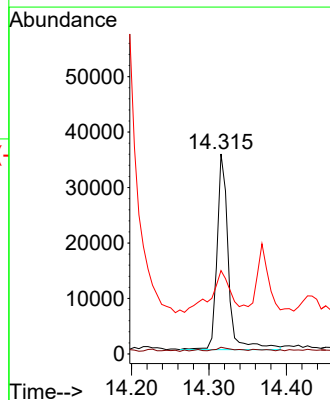
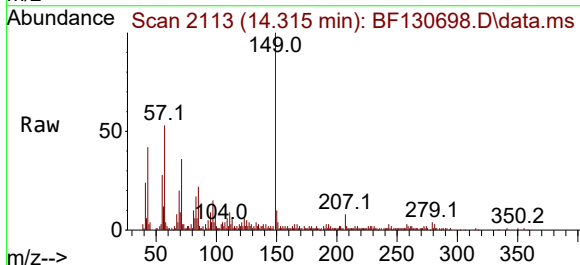
Instrument :
BNA_F
ClientSampleId :
SV34211LDL

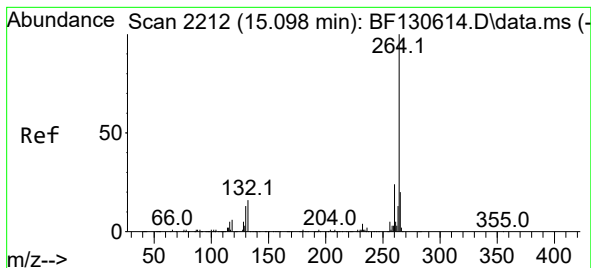
Tgt Ion:149 Resp: 53257
Ion Ratio Lower Upper
149 100
167 26.9 21.9 32.9
279 4.2 3.8 5.6



#85
Di-n-octyl phthalate
Concen: 2.957 ng
RT: 14.315 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

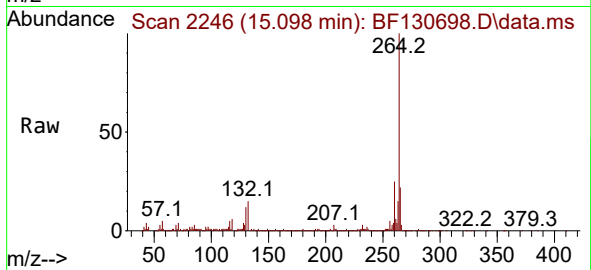
Tgt Ion:149 Resp: 35763
Ion Ratio Lower Upper
149 100
167 2.3 1.2 1.8#
43 37.8 7.2 10.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130698.D
Acq: 18 Oct 2022 15:09

Instrument :
BNA_F
ClientSampleId :
SV34211LDL



Tgt Ion:264 Resp: 235690

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.1	28.7
265	21.8	16.4	24.6

