

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130630.D
 Acq On : 12 Oct 2022 15:15
 Operator : CG\JU
 Sample : N5067-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C25(24-25)

Quant Time: Oct 13 05:44:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

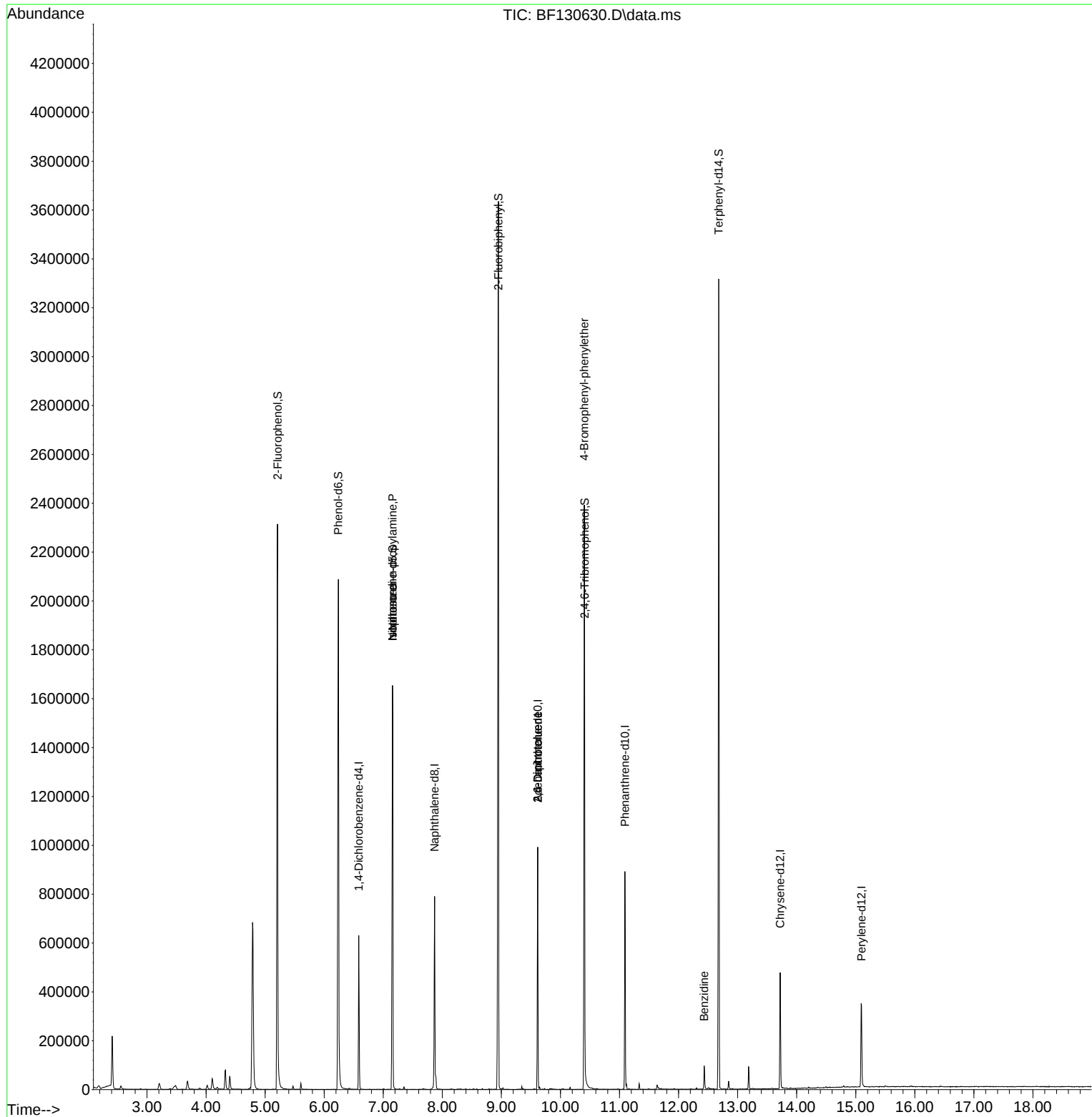
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	83995	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	332135	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	179611	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	296661	20.000	ng	0.00
76) Chrysene-d12	13.721	240	150890	20.000	ng	0.00
86) Perylene-d12	15.098	264	150232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	703671	151.009	ng	0.02
7) Phenol-d6	6.239	99	792231	135.224	ng	0.00
23) Nitrobenzene-d5	7.157	82	620139	101.928	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	305607	173.889	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1235088	104.161	ng	0.00
79) Terphenyl-d14	12.680	244	1154962	127.041	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	83652	22.131	ng	# 78
25) Isophorone	7.157	82	620131	61.241	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	22165	8.127	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	22165	6.324	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	17247	5.138	ng	# 1
77) Benzidine	12.433	184	35535	9.317	ng	98

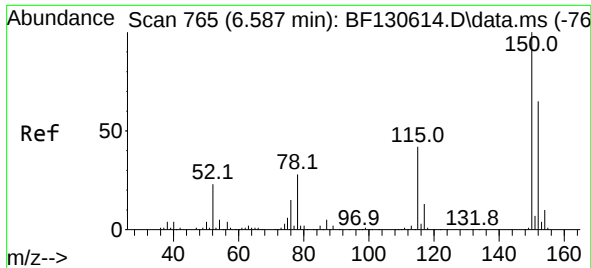
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C25(24-25)

Quant Time: Oct 13 05:44:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

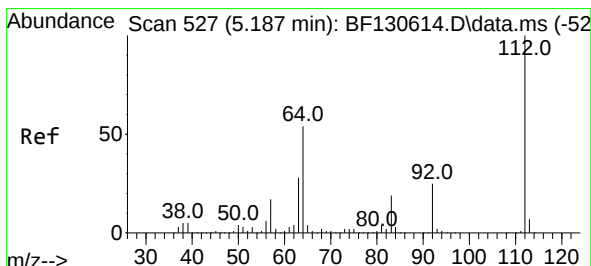
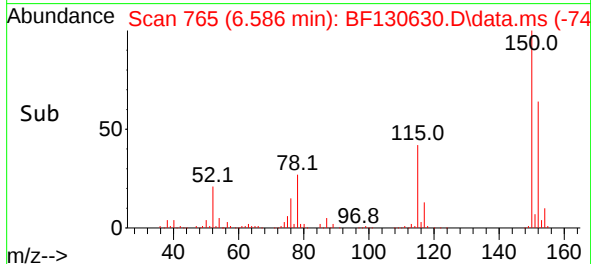
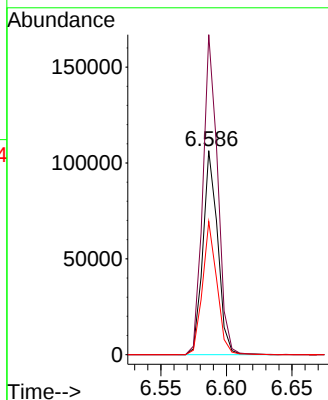
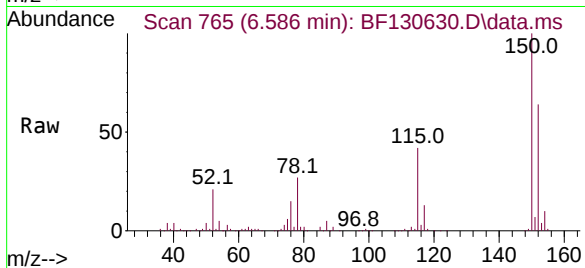




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 70
Delta R.T. -0.001 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

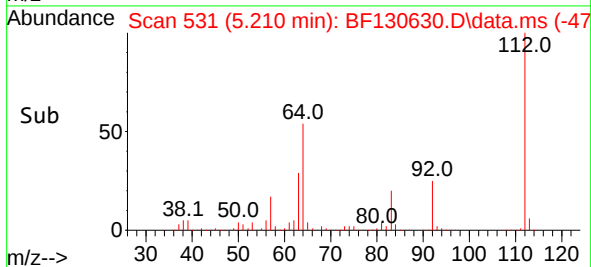
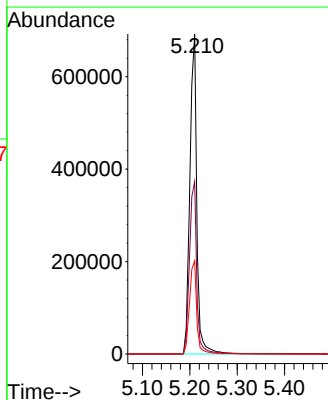
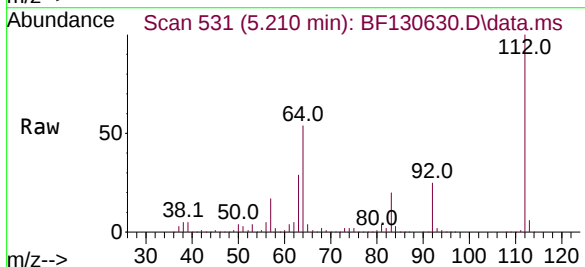
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

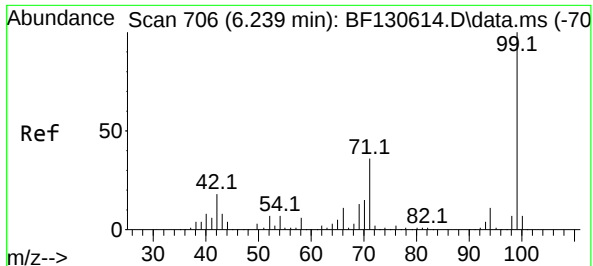
Tgt Ion:152 Resp: 83995
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 65.3 52.2 78.4



#5
2-Fluorophenol
Concen: 151.009 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.023 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:112 Resp: 703671
Ion Ratio Lower Upper
112 100
64 53.9 43.5 65.3
63 29.1 22.6 34.0

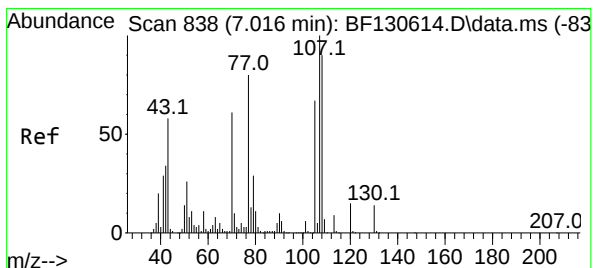
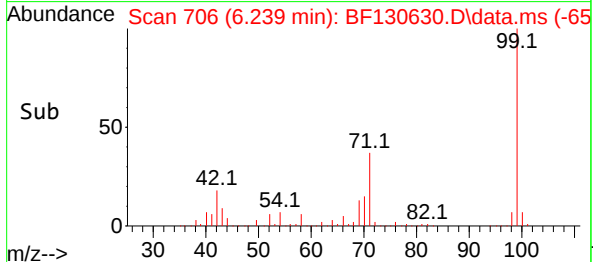
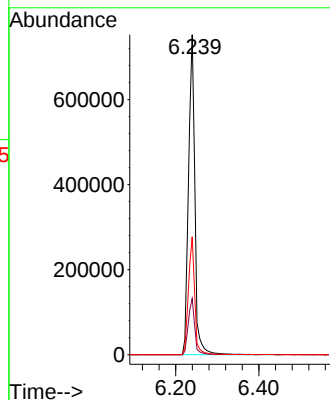
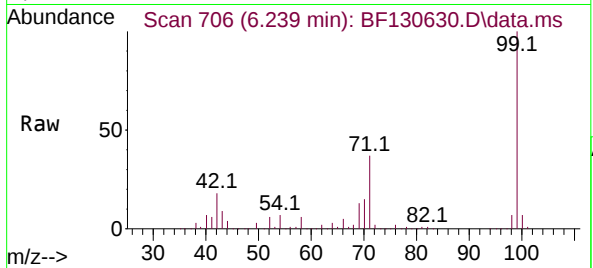




#7
Phenol-d6
Concen: 135.224 ng
RT: 6.239 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

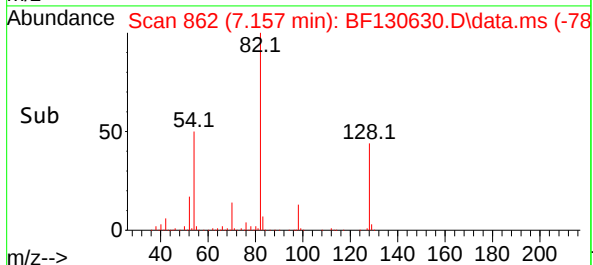
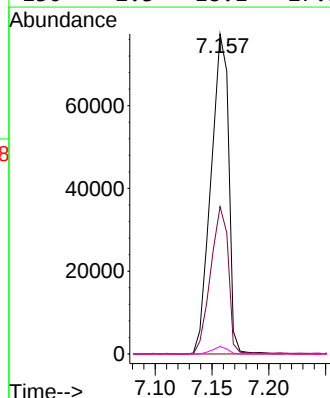
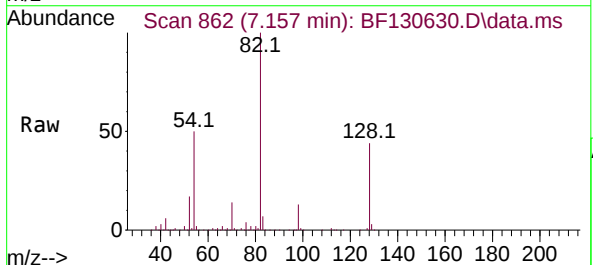
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

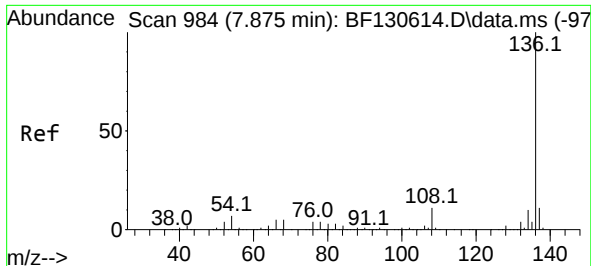
Tgt Ion: 99 Resp: 792231
Ion Ratio Lower Upper
99 100
42 17.6 14.0 21.0
71 36.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.131 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion: 70 Resp: 83652
Ion Ratio Lower Upper
70 100
42 46.1 44.3 66.5
101 0.0 7.9 11.9#
130 2.3 18.1 27.1#

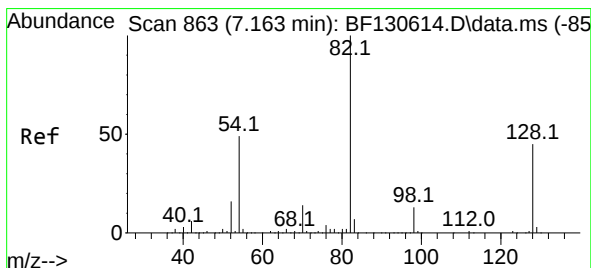
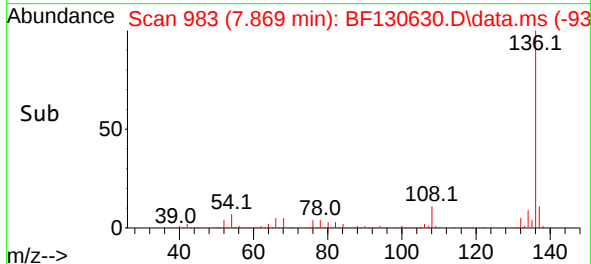
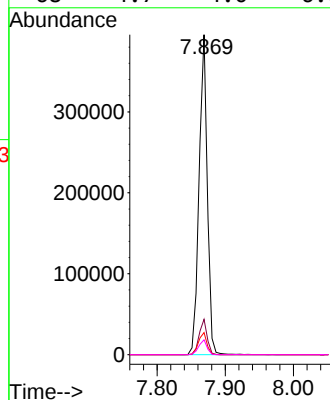
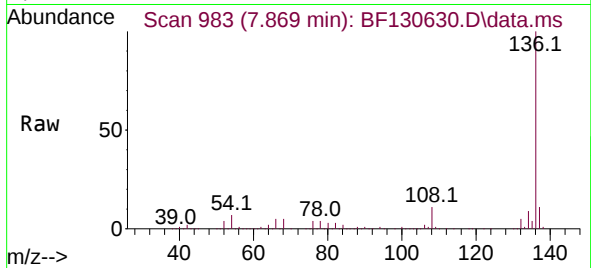




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

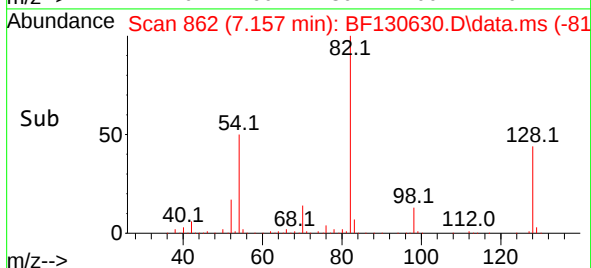
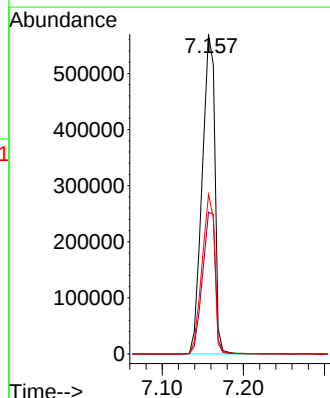
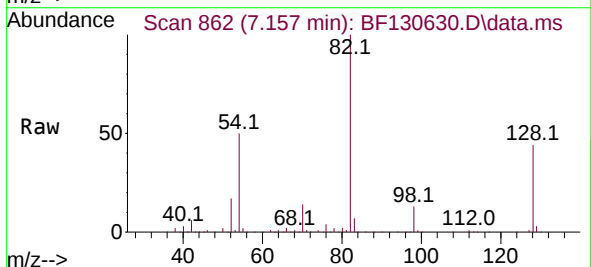
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

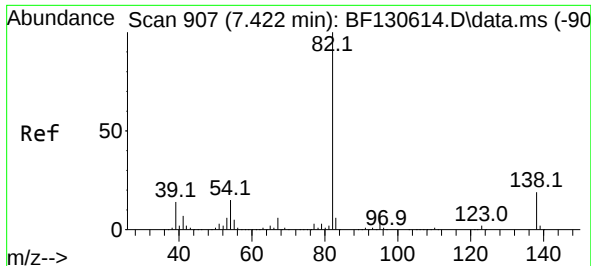
Tgt Ion:136 Resp: 332135
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 5.5 8.3
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 101.928 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion: 82 Resp: 620139
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.6
54 49.8 39.3 58.9

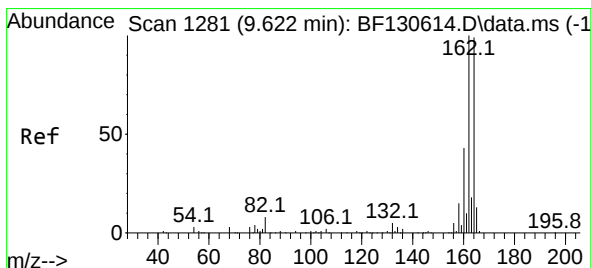
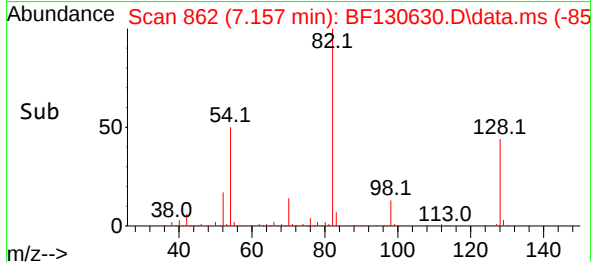
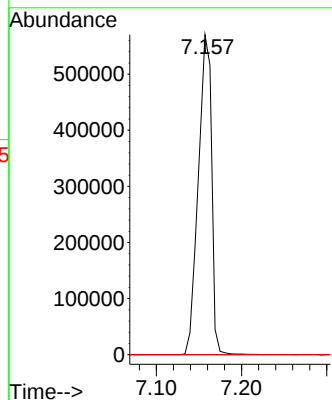
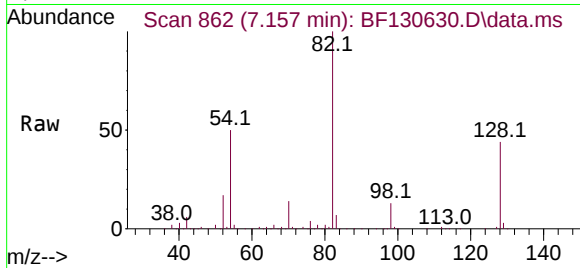




#25
Isophorone
Concen: 61.241 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

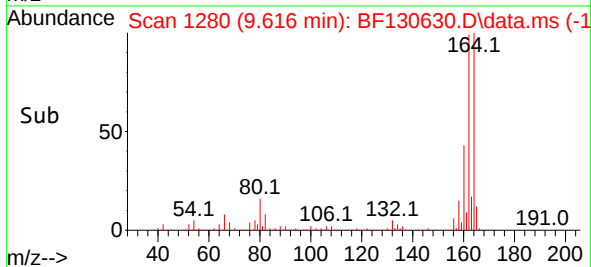
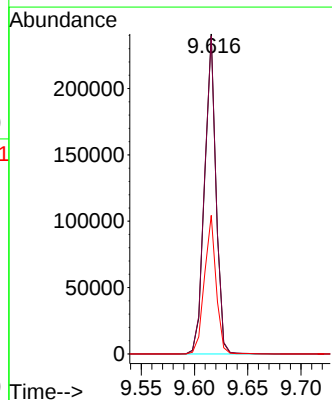
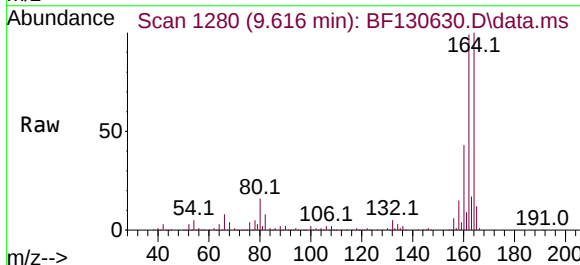
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

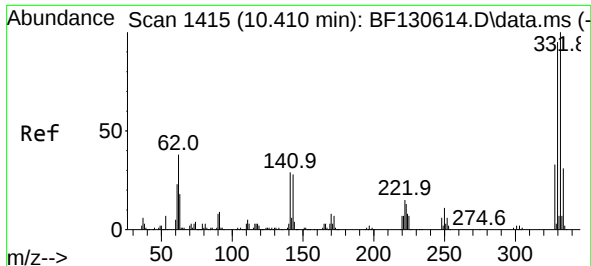
Tgt Ion: 82 Resp: 620131
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:164 Resp: 179611
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 43.3 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 173.889 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

Instrument :

BNA_F

ClientSampleId :

C25(24-25)

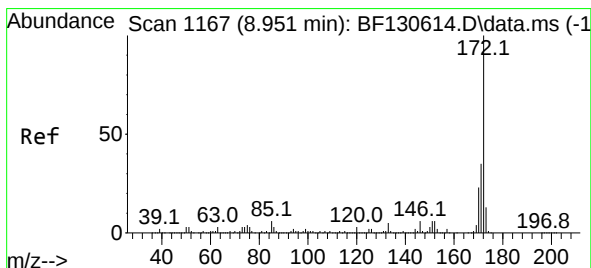
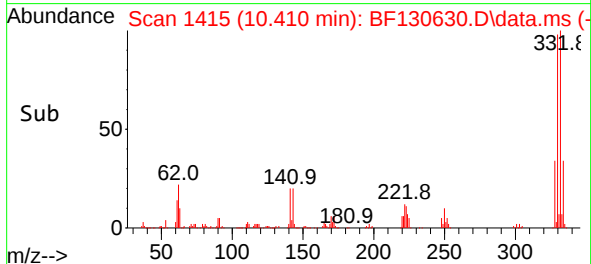
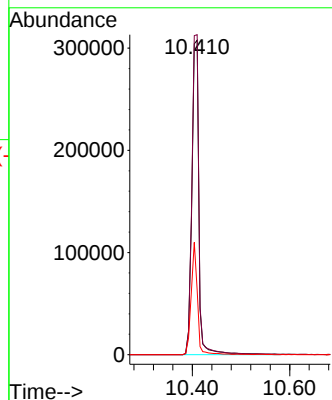
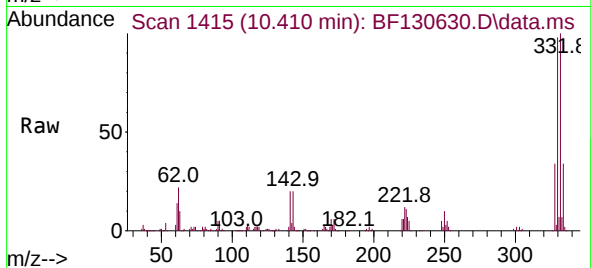
Tgt Ion:330 Resp: 305607

Ion Ratio Lower Upper

330 100

332 103.2 84.2 126.4

141 32.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 104.161 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

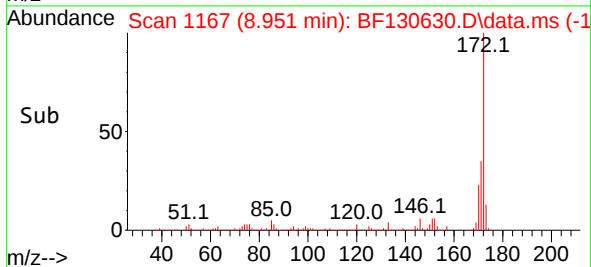
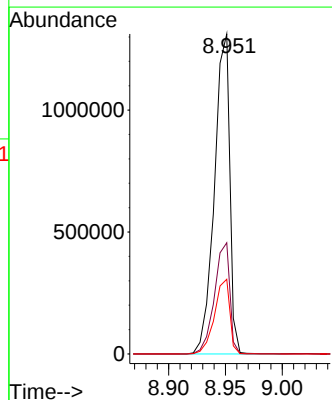
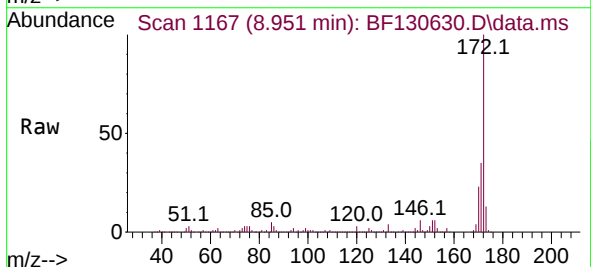
Tgt Ion:172 Resp: 1235088

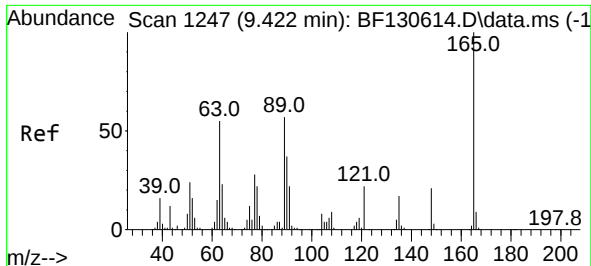
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 23.4 18.6 27.8

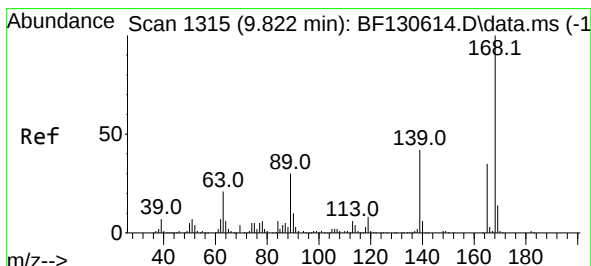
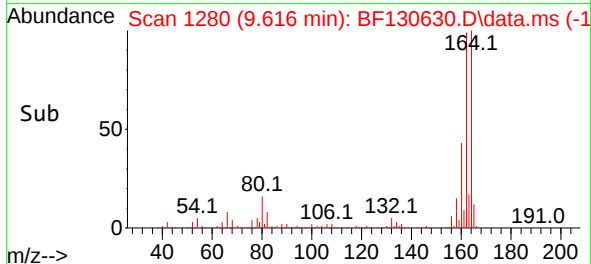
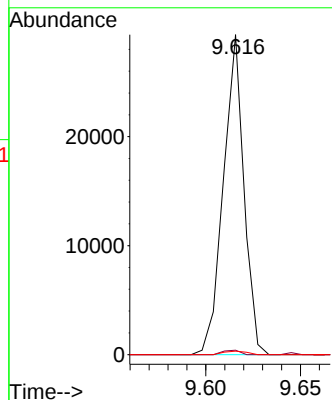
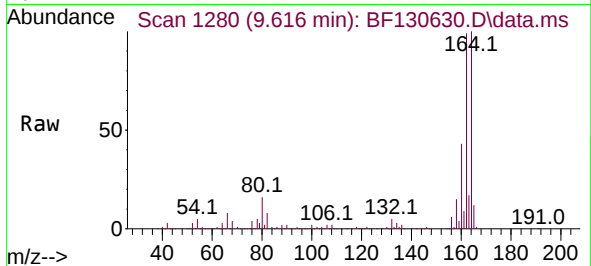




#51
2,6-Dinitrotoluene
Concen: 8.127 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

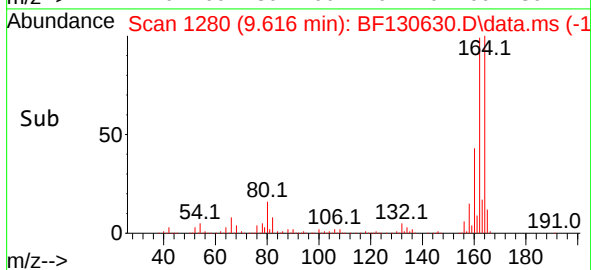
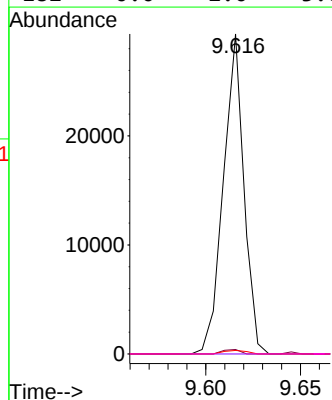
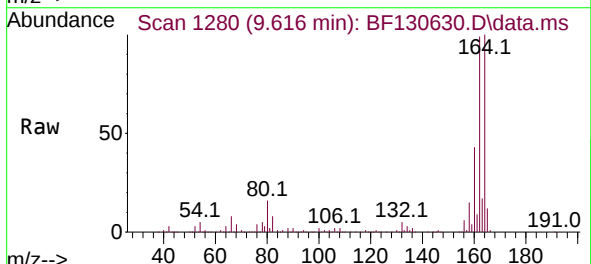
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

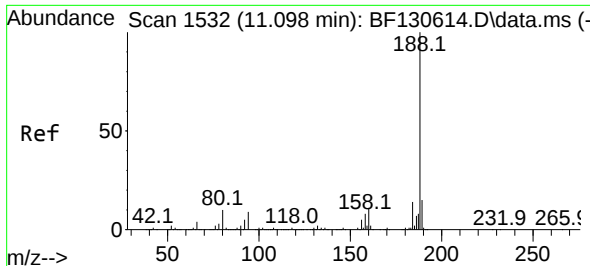
Tgt Ion:165 Resp: 22165
Ion Ratio Lower Upper
165 100
63 1.4 45.3 67.9#
89 1.1 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.324 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:165 Resp: 22165
Ion Ratio Lower Upper
165 100
63 1.4 50.6 76.0#
89 1.1 68.6 102.8#
182 0.0 2.0 3.0#

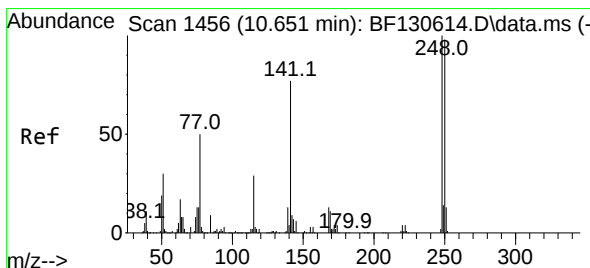
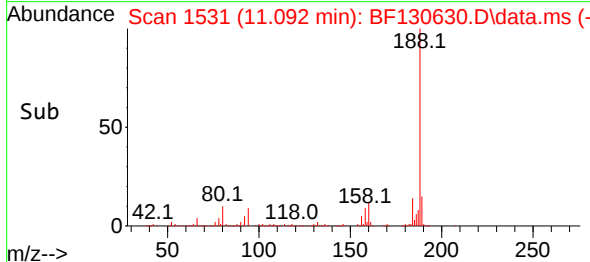
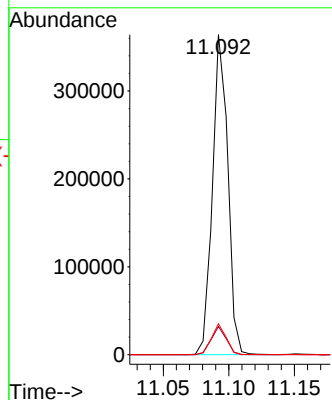
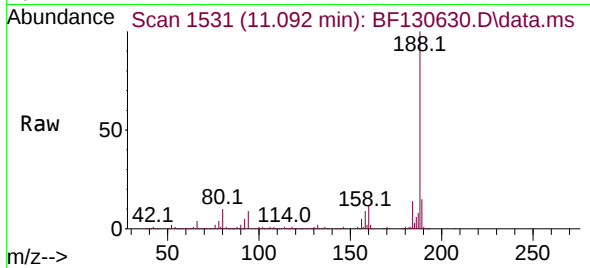




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

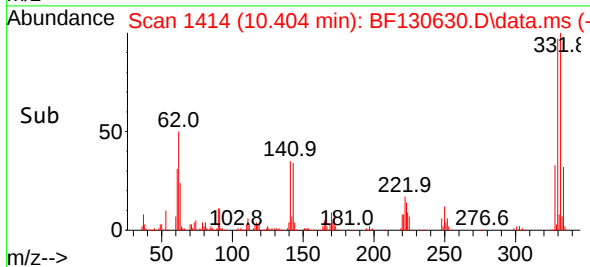
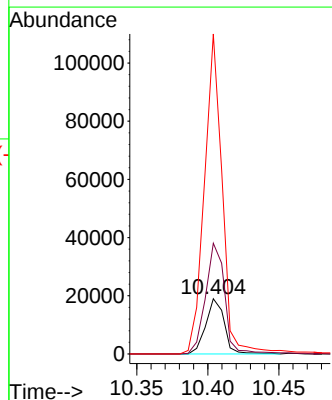
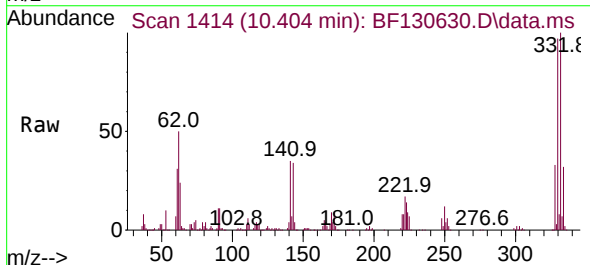
Instrument :
BNA_F
ClientSampleId :
C25(24-25)

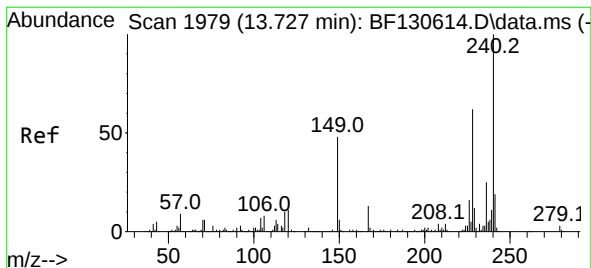
Tgt Ion:188 Resp: 296661
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.138 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF130630.D
Acq: 12 Oct 2022 15:15

Tgt Ion:248 Resp: 17247
Ion Ratio Lower Upper
248 100
250 200.7 78.7 118.1#
141 579.9 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

Instrument :

BNA_F

ClientSampleId :

C25(24-25)

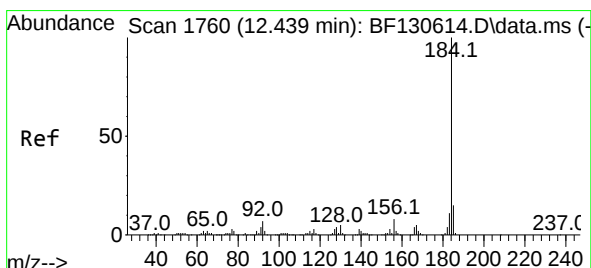
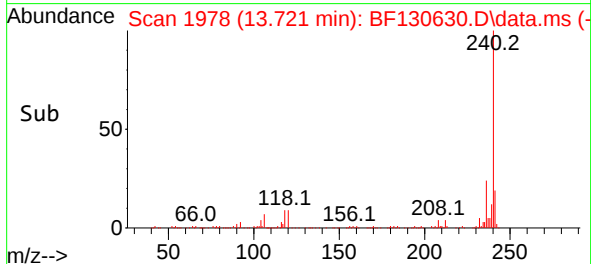
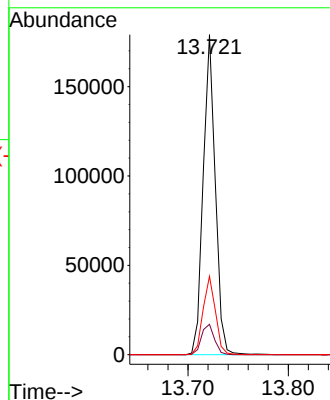
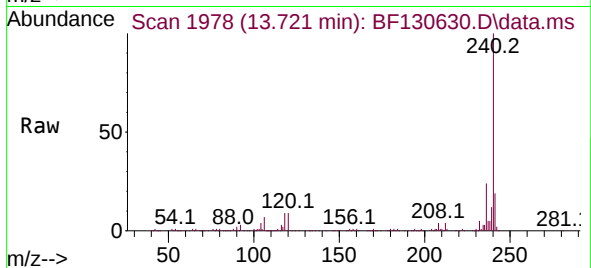
Tgt Ion:240 Resp: 150890

Ion Ratio Lower Upper

240 100

120 9.5 8.6 13.0

236 24.5 20.2 30.4



#77

Benzidine

Concen: 9.317 ng

RT: 12.433 min Scan# 1759

Delta R.T. -0.006 min

Lab File: BF130630.D

Acq: 12 Oct 2022 15:15

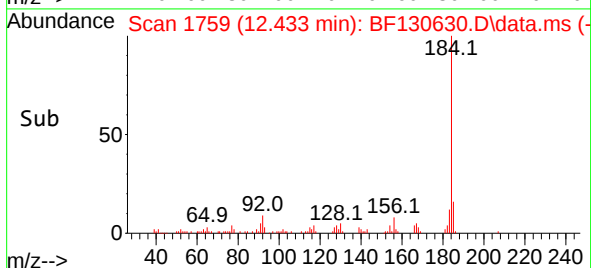
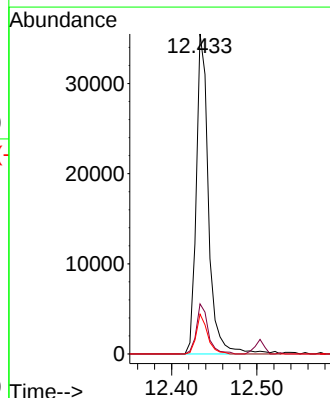
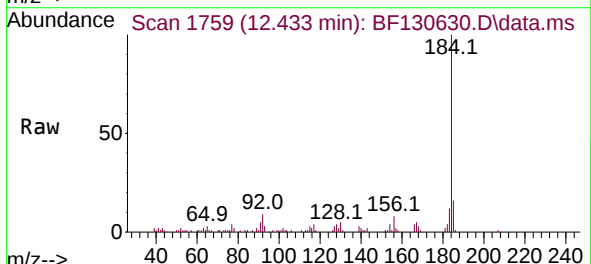
Tgt Ion:184 Resp: 35535

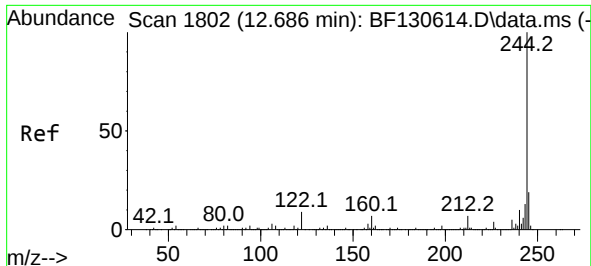
Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

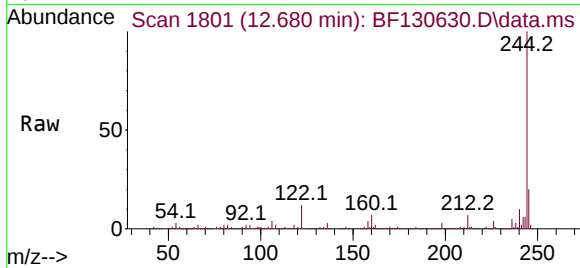
183 12.4 9.0 13.4



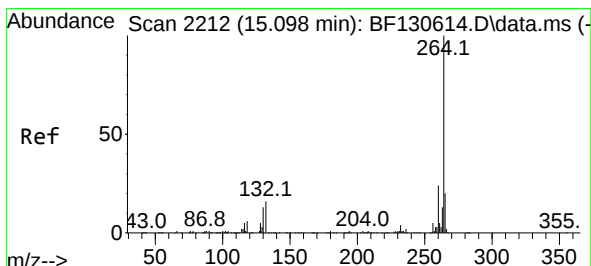
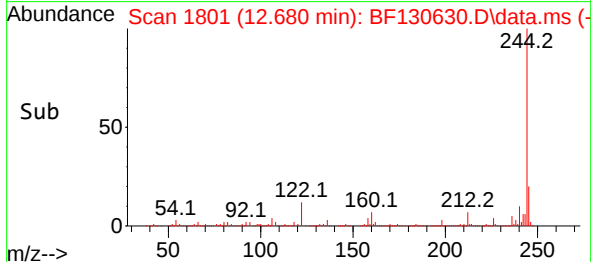
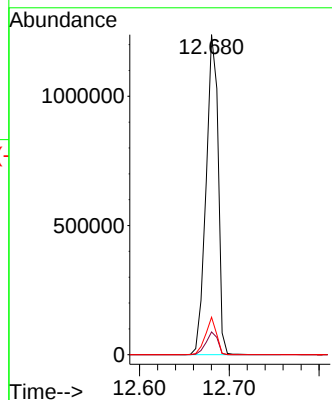


#79
 Terphenyl-d14
 Concen: 127.041 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130630.D
 Acq: 12 Oct 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 C25(24-25)



Tgt Ion:244 Resp: 1154962
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.7 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF130630.D
 Acq: 12 Oct 2022 15:15

Tgt Ion:264 Resp: 150232
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.3 16.4 24.6

