

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130557.D
 Acq On : 06 Oct 2022 18:43
 Operator : CG\JU
 Sample : N5014-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-0-2.0

Quant Time: Oct 07 02:11:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

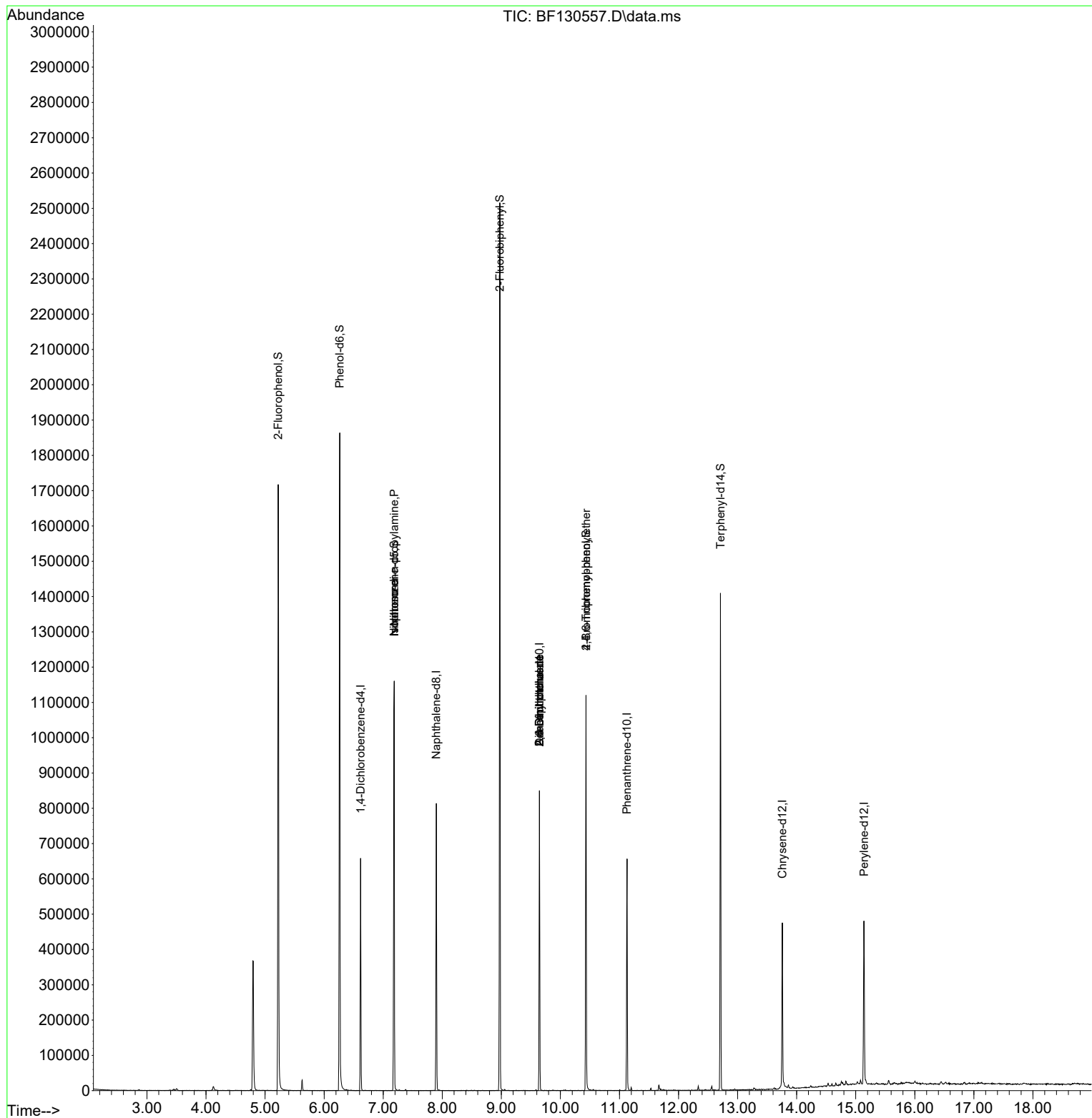
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	82878	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	320374	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	151454	20.000	ng	0.00
64) Phenanthrene-d10	11.128	188	220299	20.000	ng	0.00
76) Chrysene-d12	13.757	240	140587	20.000	ng	0.00
86) Perylene-d12	15.139	264	180125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	480857	100.633	ng	0.00
7) Phenol-d6	6.263	99	579269	96.888	ng	0.00
23) Nitrobenzene-d5	7.187	82	372917	59.467	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	115500	79.588	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	639480	61.484	ng	0.00
79) Terphenyl-d14	12.710	244	435932	51.364	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.187	70	50080	12.413	ng	# 71
25) Isophorone	7.187	82	372914	36.896	ng	# 66
50) Dimethylphthalate	9.645	163	28717	2.745	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	19437	8.884	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	19437	6.951	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	7318	3.011	ng	# 1

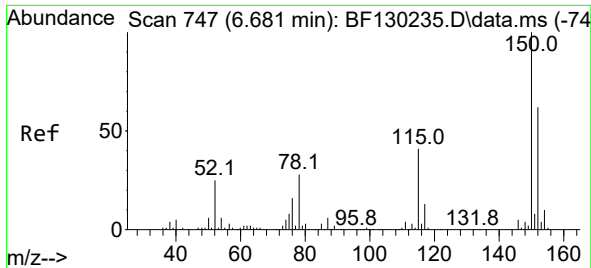
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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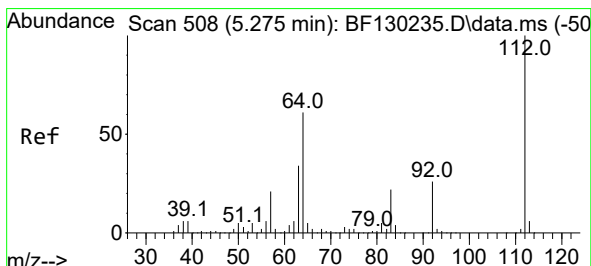
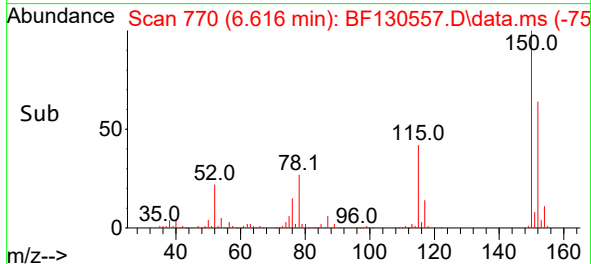
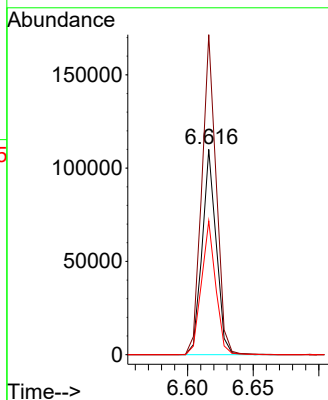
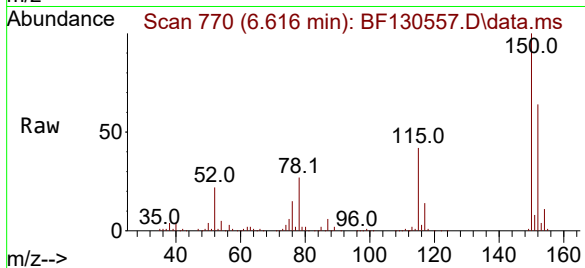




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

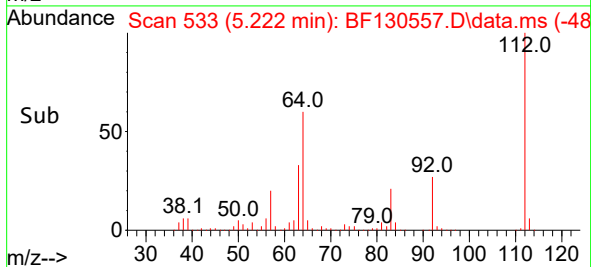
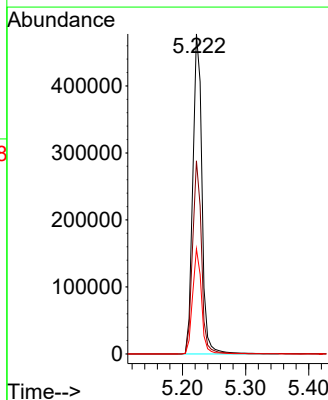
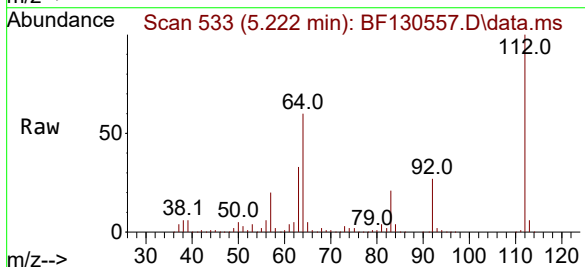
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

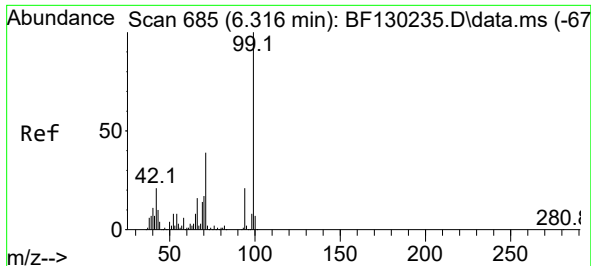
Tgt Ion:152 Resp: 82878
Ion Ratio Lower Upper
152 100
150 155.9 122.8 184.2
115 65.1 53.8 80.8



#5
2-Fluorophenol
Concen: 100.633 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion:112 Resp: 480857
Ion Ratio Lower Upper
112 100
64 60.4 51.4 77.0
63 32.8 28.8 43.2

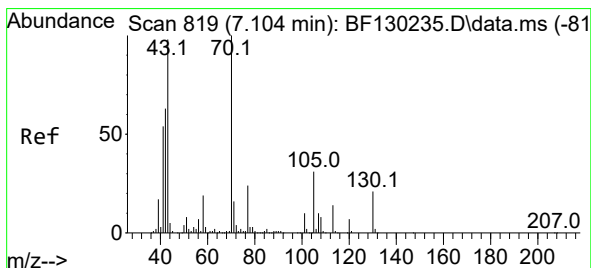
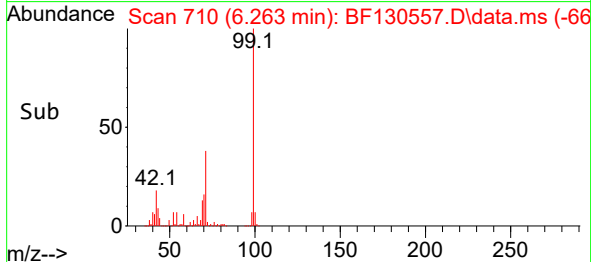
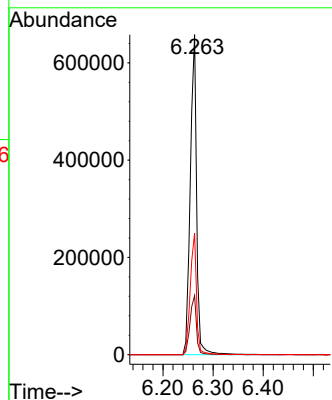
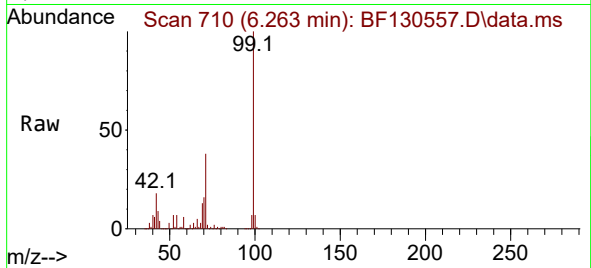




#7
Phenol-d6
Concen: 96.888 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

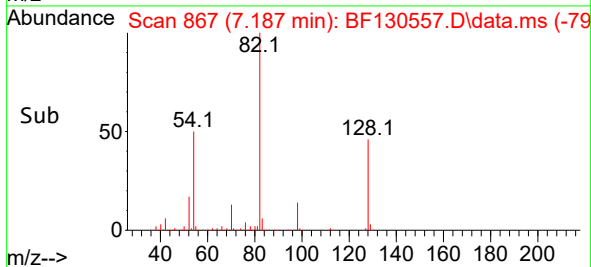
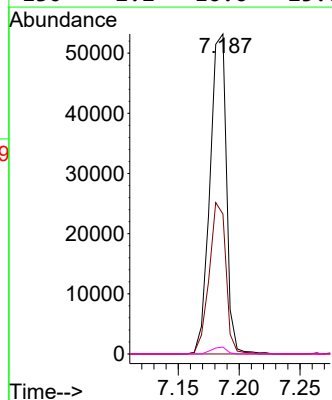
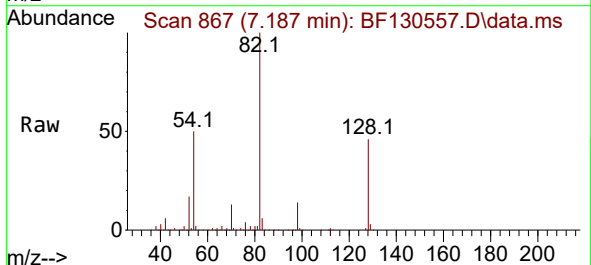
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Tgt Ion: 99 Resp: 579269
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 38.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.413 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion: 70 Resp: 50080
Ion Ratio Lower Upper
70 100
42 43.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

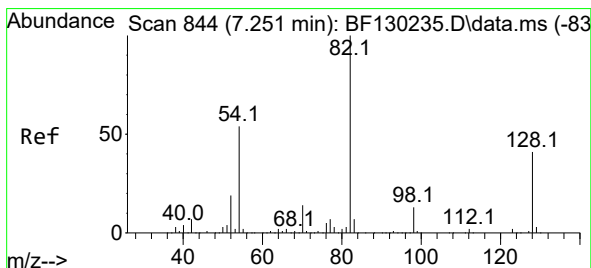
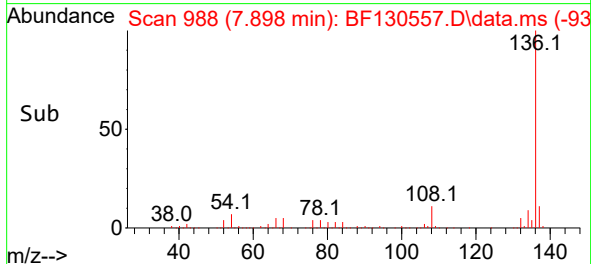
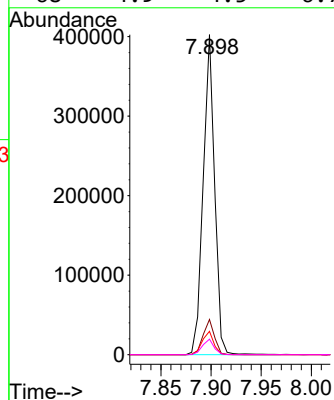
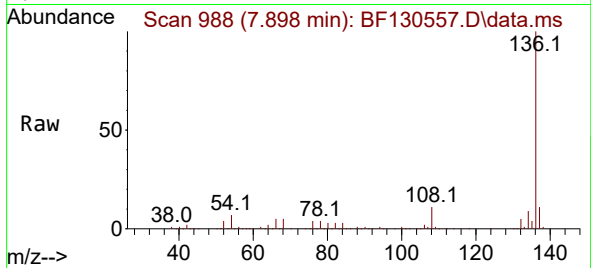




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

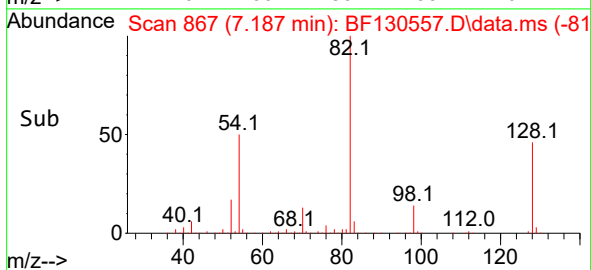
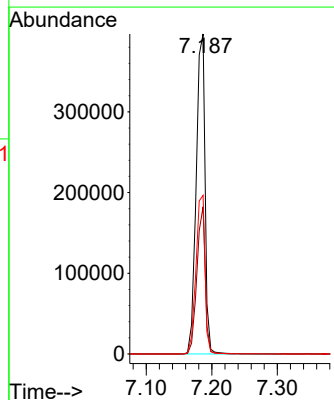
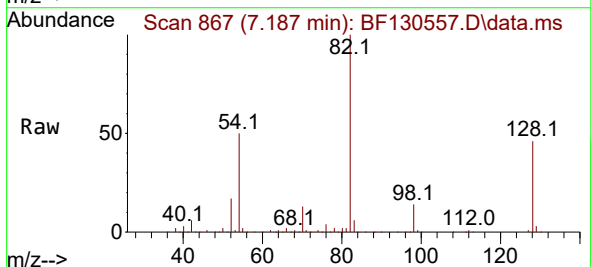
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

Tgt Ion:136 Resp: 320374
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.1 10.7
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 59.467 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion: 82 Resp: 372917
Ion Ratio Lower Upper
82 100
128 46.0 32.6 49.0
54 49.6 43.8 65.6

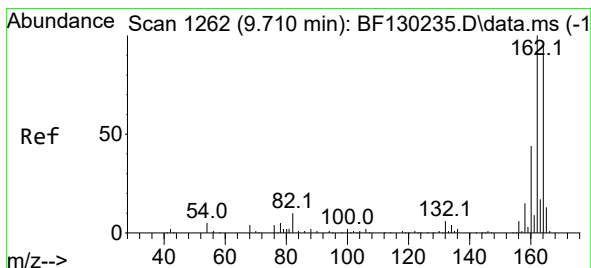
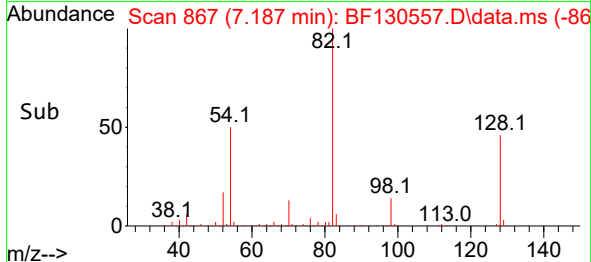
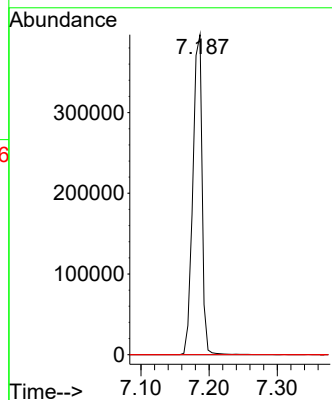
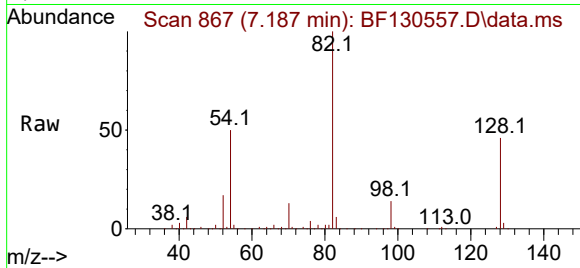




#25
Isophorone
Concen: 36.896 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

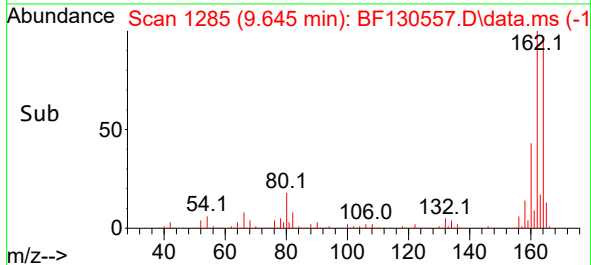
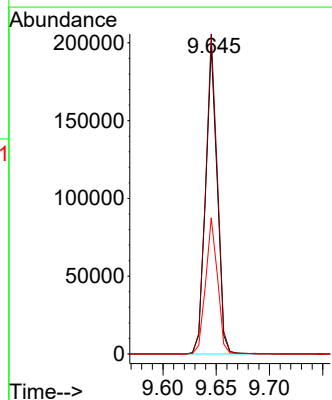
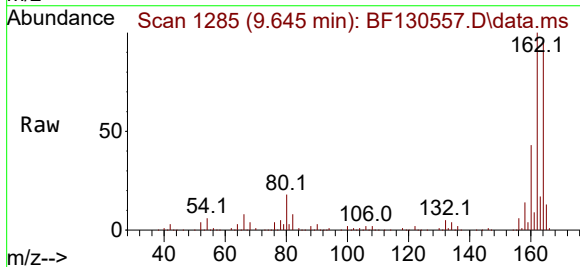
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

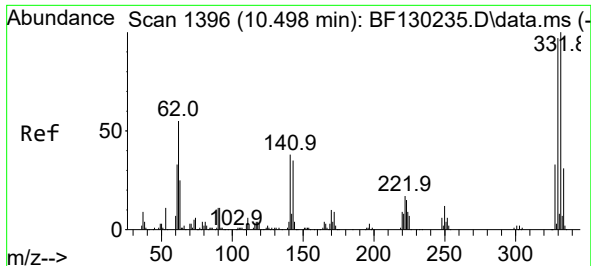
Tgt Ion: 82 Resp: 372914
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

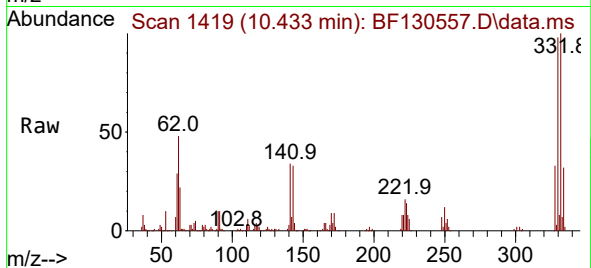
Tgt Ion: 164 Resp: 151454
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 44.3 36.2 54.4



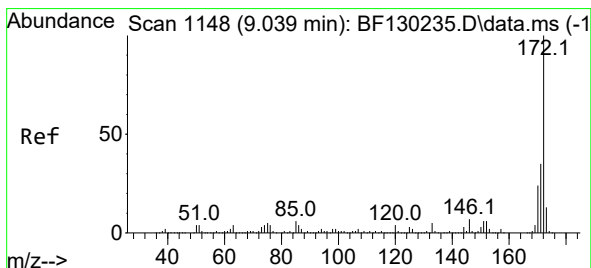
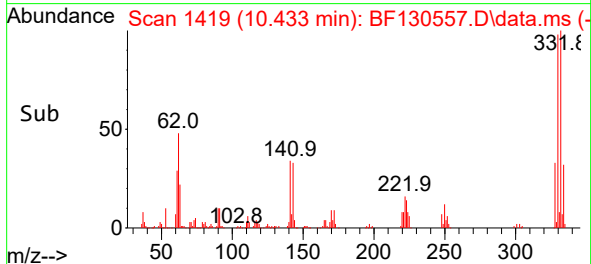
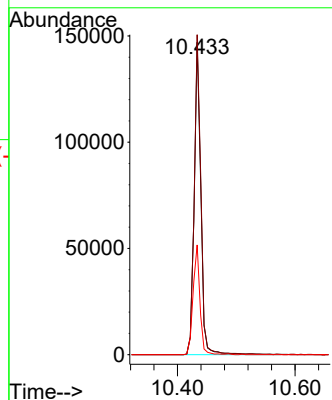


#42
2,4,6-Tribromophenol
Concen: 79.588 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

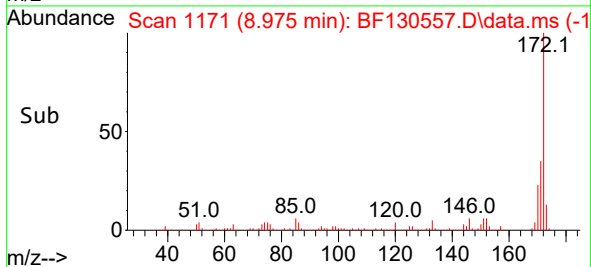
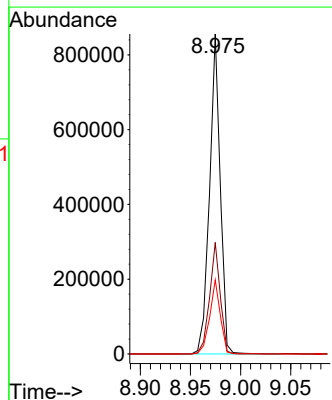
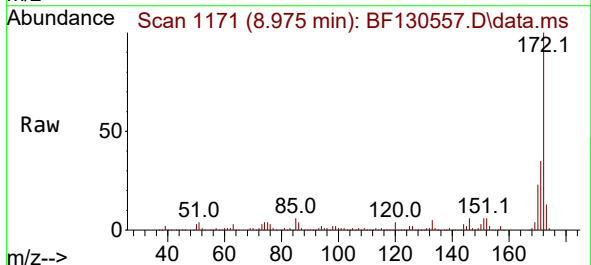


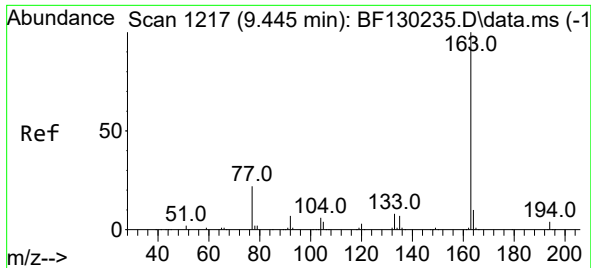
Tgt Ion:330 Resp: 115500
Ion Ratio Lower Upper
330 100
332 102.2 83.4 125.2
141 36.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 61.484 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion:172 Resp: 639480
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 18.7 28.1

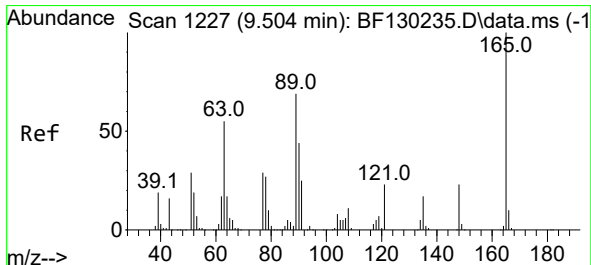
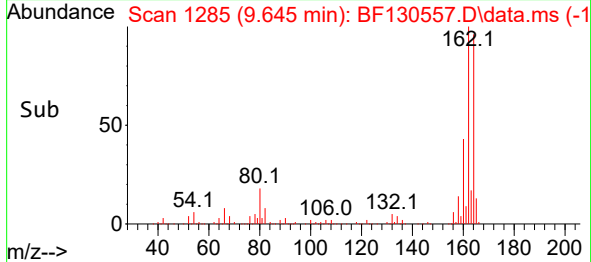
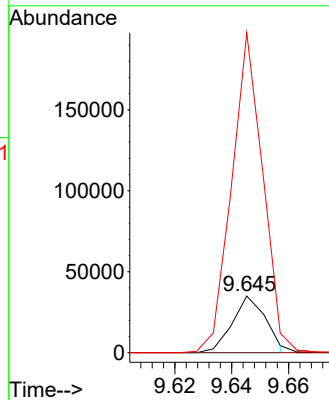
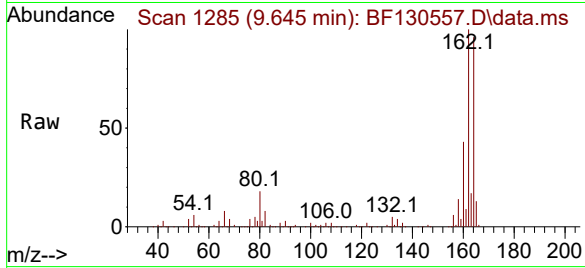




#50
Dimethylphthalate
Concen: 2.745 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.259 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

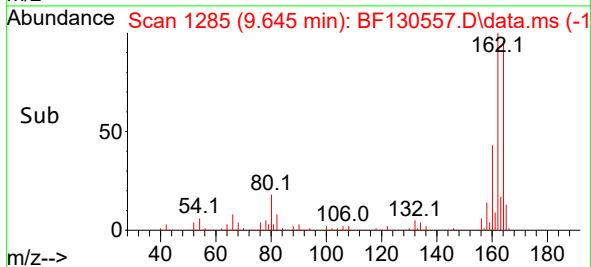
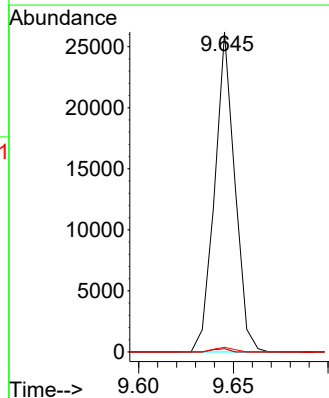
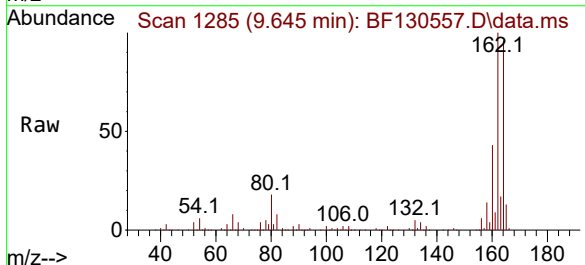
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ClientSampleId :
SB-08-0-2.0

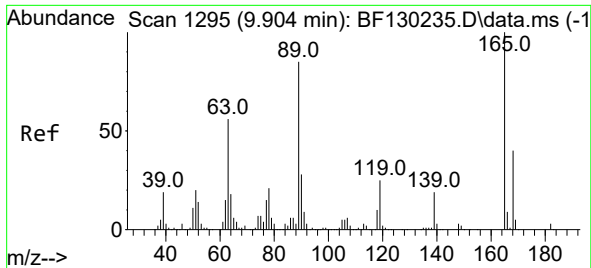
Tgt Ion:163 Resp: 28717
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 564.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.884 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion:165 Resp: 19437
Ion Ratio Lower Upper
165 100
63 1.0 58.8 88.2#
89 1.4 54.5 81.7#

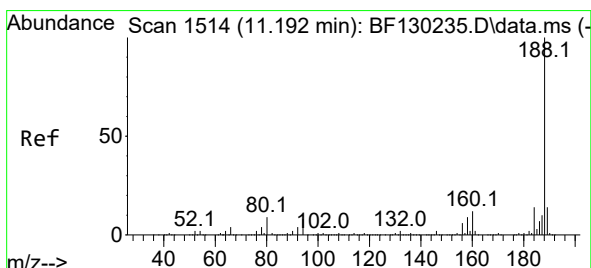
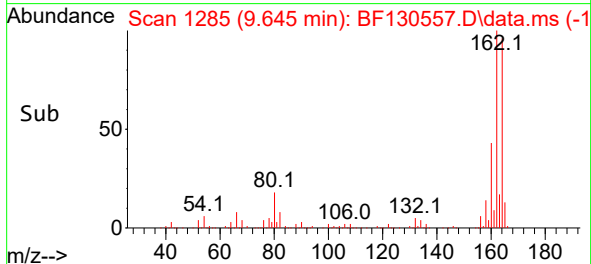
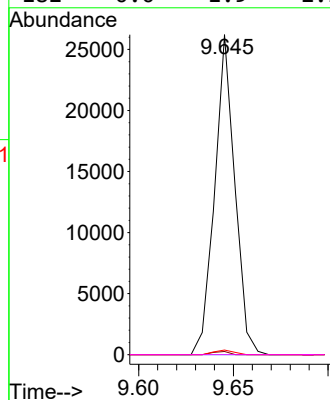
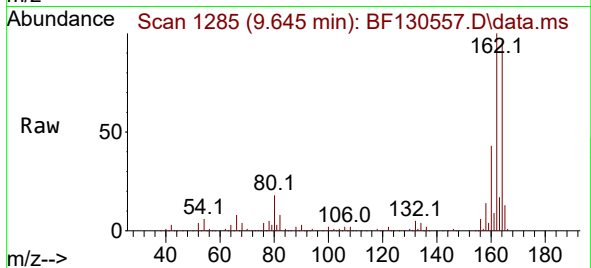




#57
2,4-Dinitrotoluene
Concen: 6.951 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

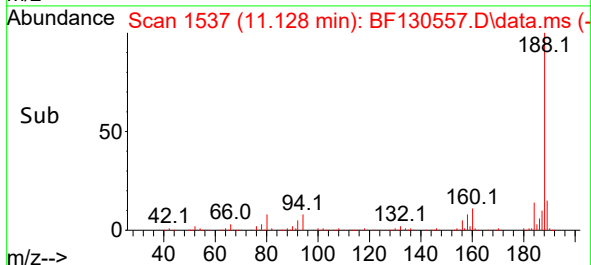
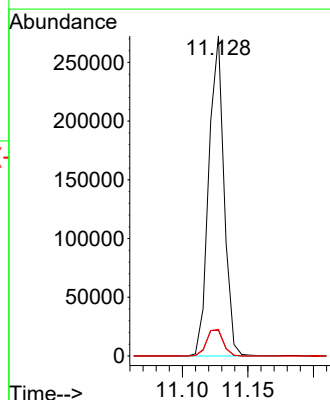
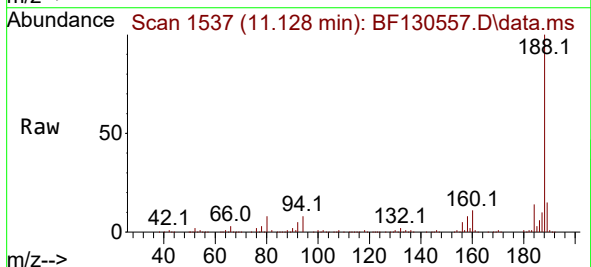
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

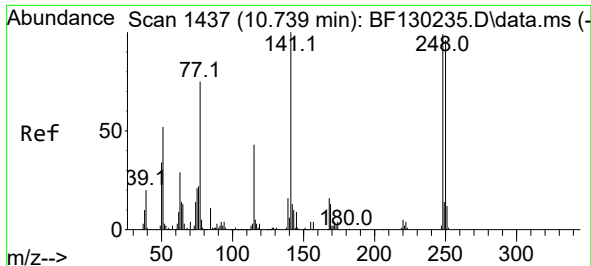
Tgt Ion:165 Resp: 19437
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.128 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

Tgt Ion:188 Resp: 220299
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.3 7.9 11.9

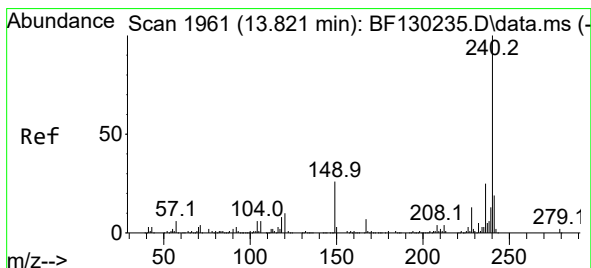
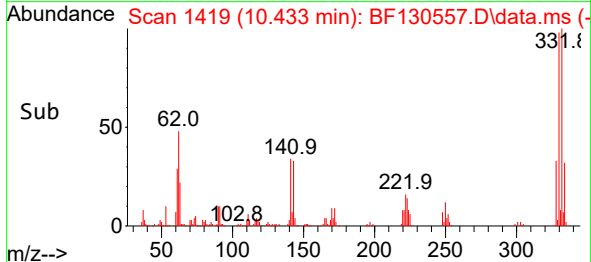
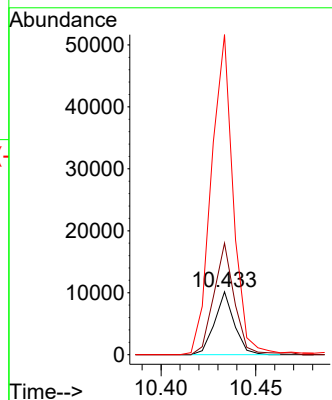
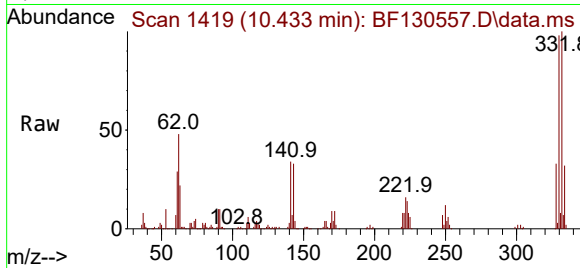




#67
4-Bromophenyl-phenylether
Concen: 3.011 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

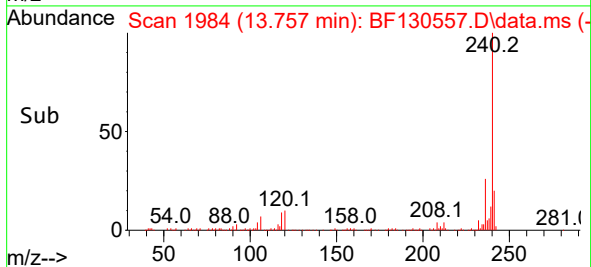
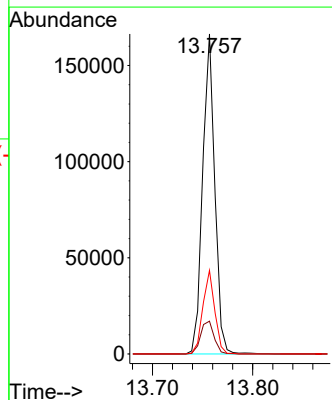
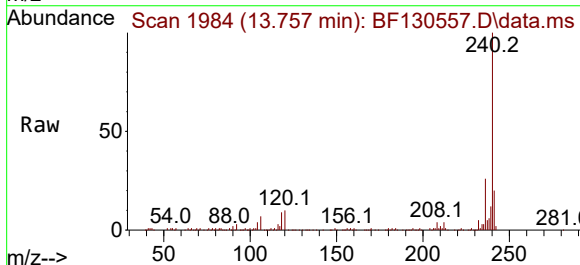
Instrument :
BNA_F
ClientSampleId :
SB-08-0-2.0

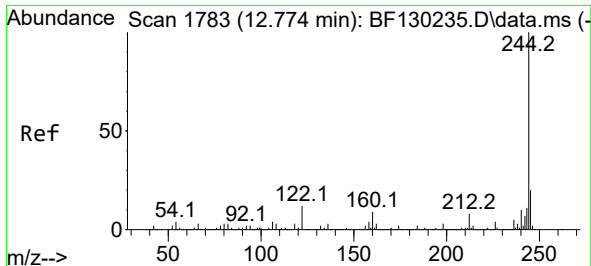
Tgt Ion:248 Resp: 7318
Ion Ratio Lower Upper
248 100
250 177.4 80.0 120.0#
141 509.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130557.D
Acq: 06 Oct 2022 18:43

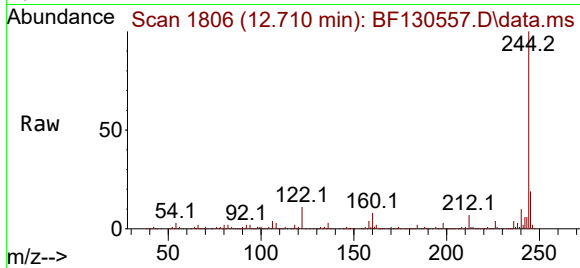
Tgt Ion:240 Resp: 140587
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 26.1 20.9 31.3



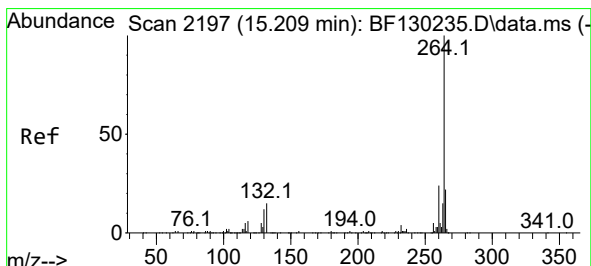
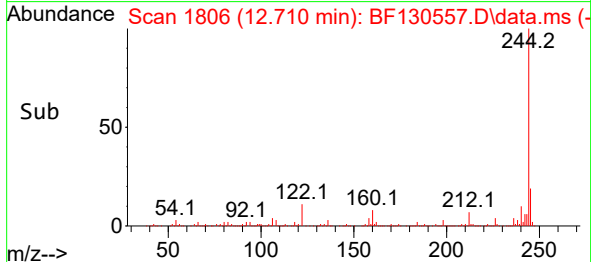
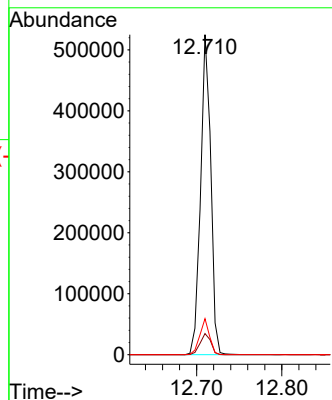


#79
 Terphenyl-d14
 Concen: 51.364 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130557.D
 Acq: 06 Oct 2022 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-0-2.0



Tgt Ion:244 Resp: 435932
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2219
 Delta R.T. -0.006 min
 Lab File: BF130557.D
 Acq: 06 Oct 2022 18:43

Tgt Ion:264 Resp: 180125
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.2 17.0 25.4

