

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130558.D
 Acq On : 06 Oct 2022 19:17
 Operator : CG\JU
 Sample : N5014-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-0-2.0

Quant Time: Oct 07 02:11:51 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)

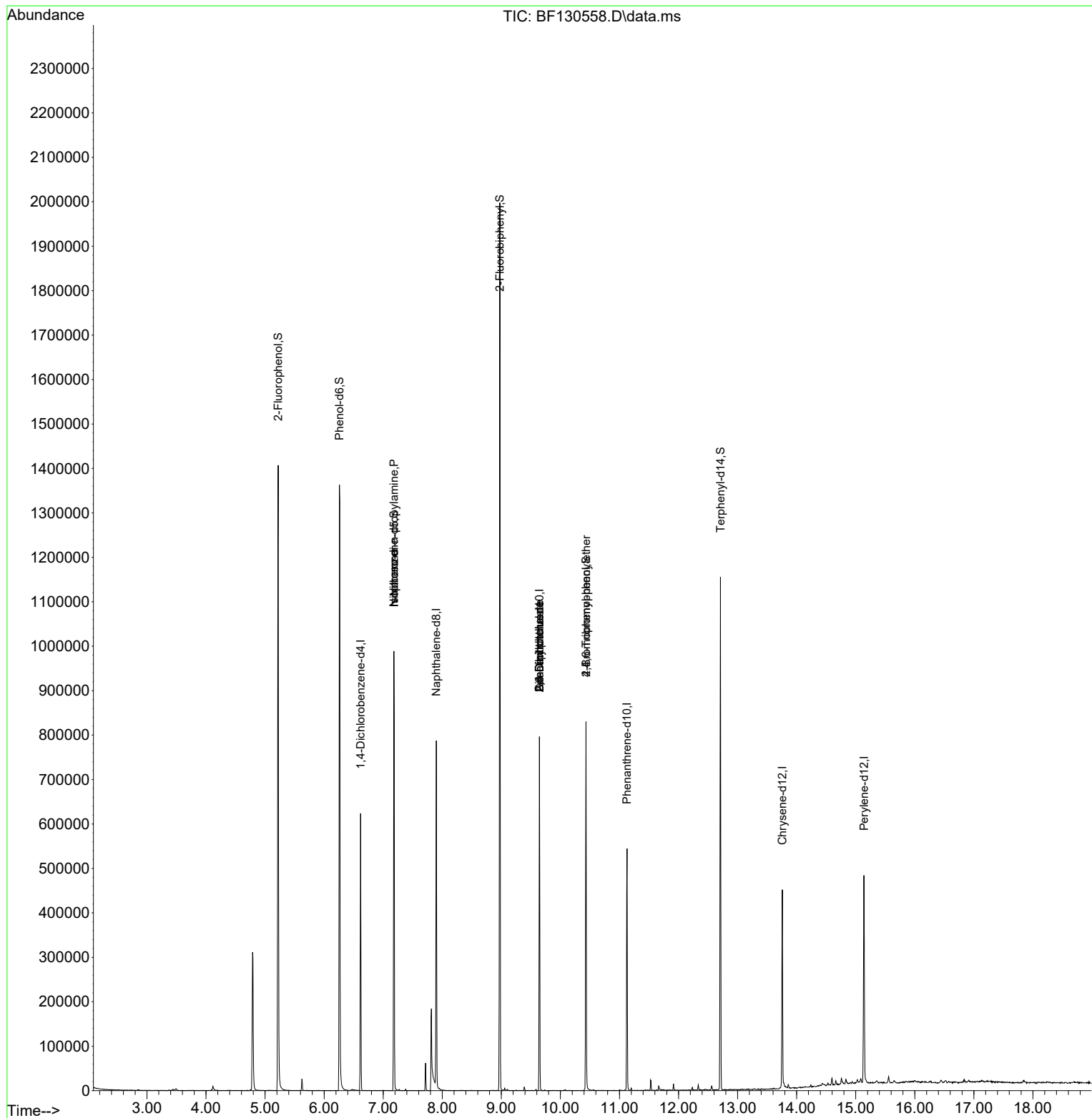
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	78318	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	296233	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	139411	20.000	ng	0.00
64) Phenanthrene-d10	11.128	188	187289	20.000	ng	0.00
76) Chrysene-d12	13.757	240	134883	20.000	ng	0.00
86) Perylene-d12	15.139	264	179073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	390330	86.444	ng	0.00
7) Phenol-d6	6.257	99	470999	83.365	ng	-0.01
23) Nitrobenzene-d5	7.181	82	299511	51.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.434	330	84000	62.883	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	527296	55.078	ng	0.00
79) Terphenyl-d14	12.710	244	346637	42.570	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	40227	10.552	ng	# 74
25) Isophorone	7.181	82	299506	32.048	ng	# 66
50) Dimethylphthalate	9.645	163	25423	2.640	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	17817	8.847	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	17817	6.922	ng	# 16
67) 4-Bromophenyl-phenylether	10.434	248	5401	2.614	ng	# 1

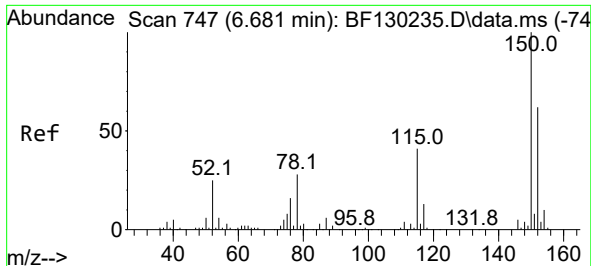
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130558.D
Acq On : 06 Oct 2022 19:17
Operator : CG\JU
Sample : N5014-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

Quant Time: Oct 07 02:11:51 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

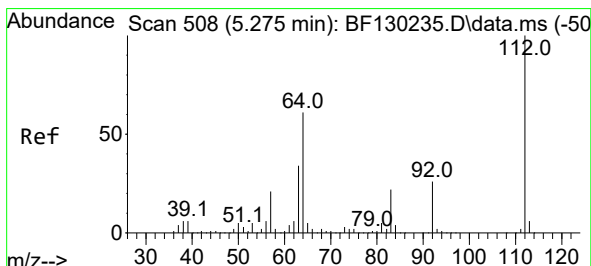
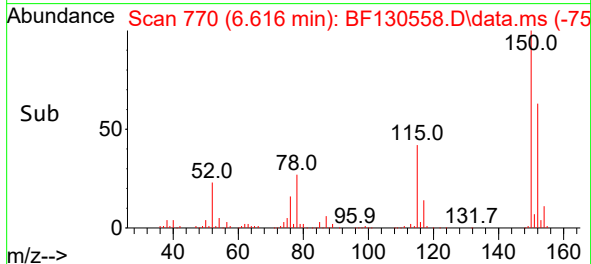
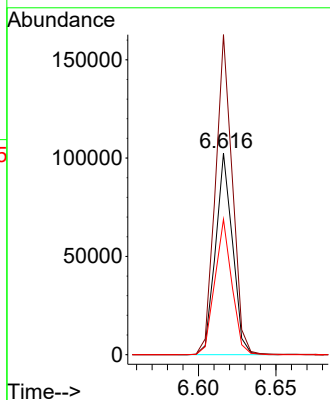
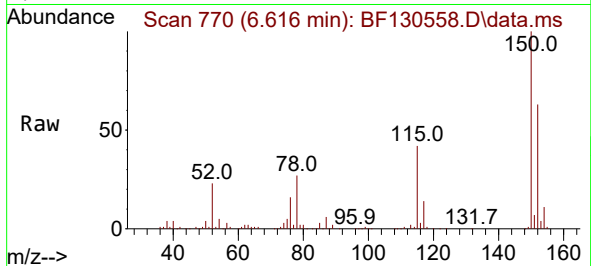




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

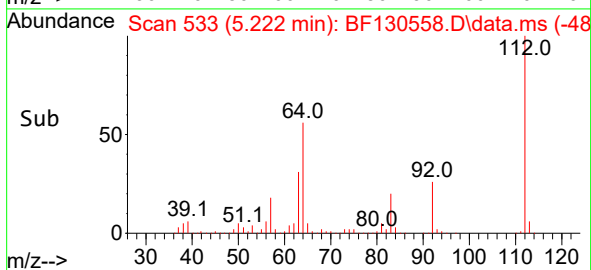
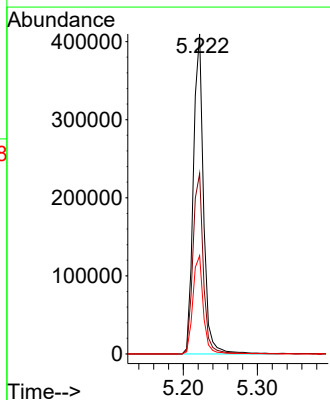
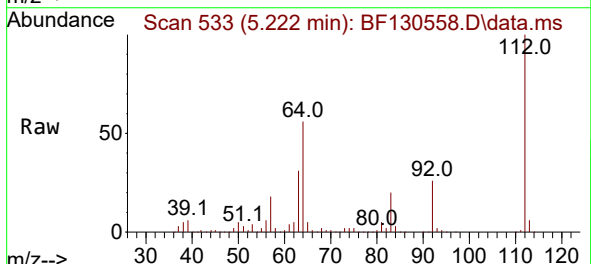
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

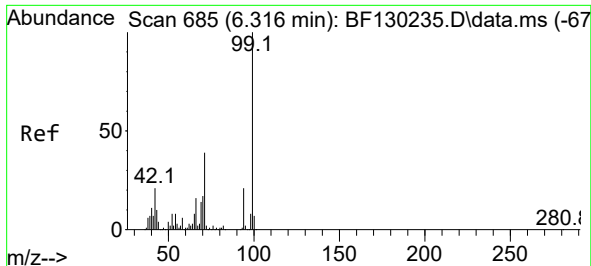
Tgt Ion:152 Resp: 78318
Ion Ratio Lower Upper
152 100
150 158.7 122.8 184.2
115 67.1 53.8 80.8



#5
2-Fluorophenol
Concen: 86.444 ng
RT: 5.222 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion:112 Resp: 390330
Ion Ratio Lower Upper
112 100
64 56.4 51.4 77.0
63 30.7 28.8 43.2

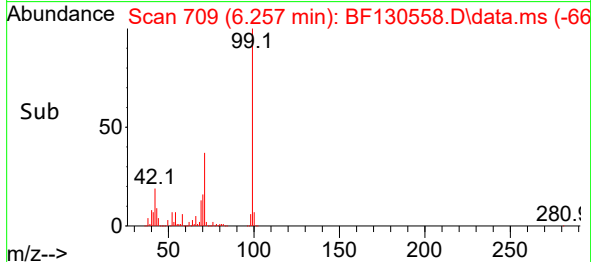
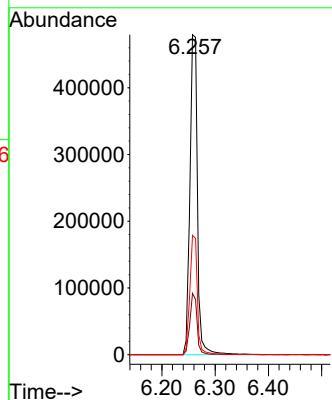
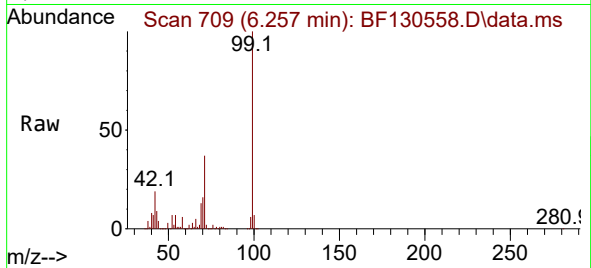




#7
Phenol-d6
Concen: 83.365 ng
RT: 6.257 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

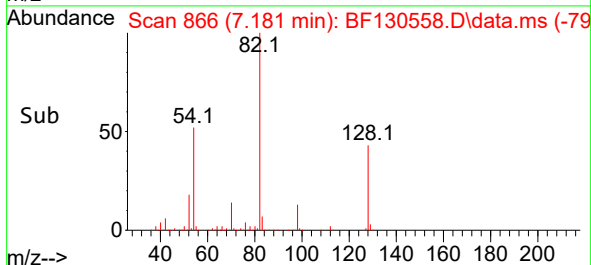
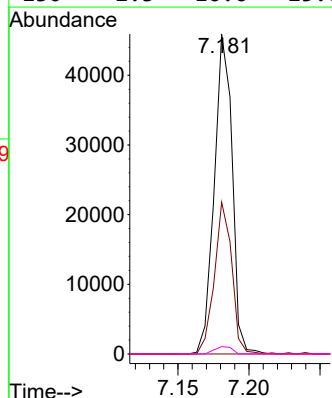
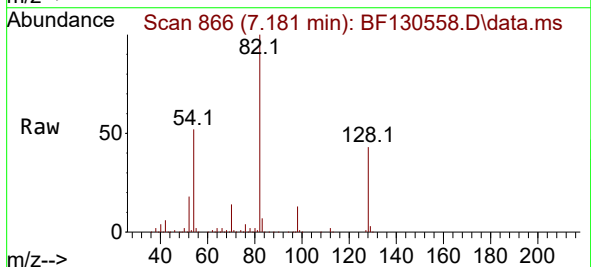
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

Tgt Ion: 99 Resp: 470999
Ion Ratio Lower Upper
99 100
42 19.1 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.552 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion: 70 Resp: 40227
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

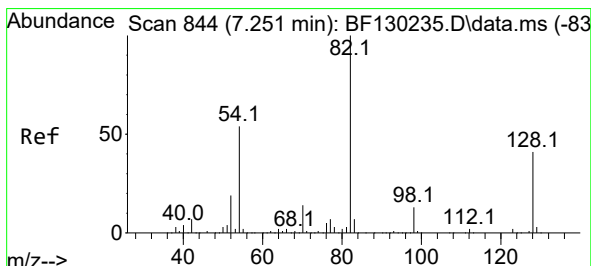
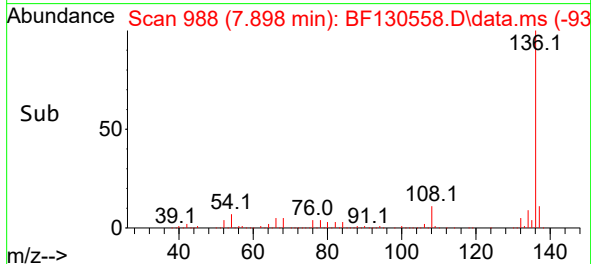
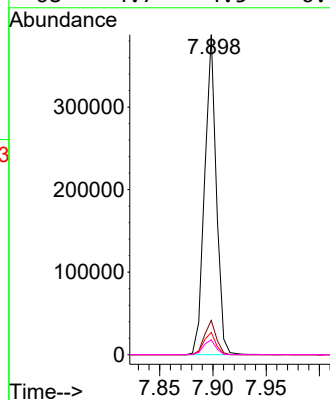
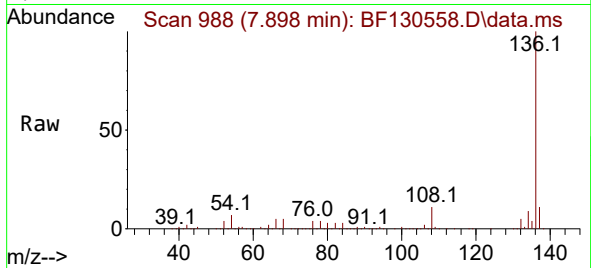




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

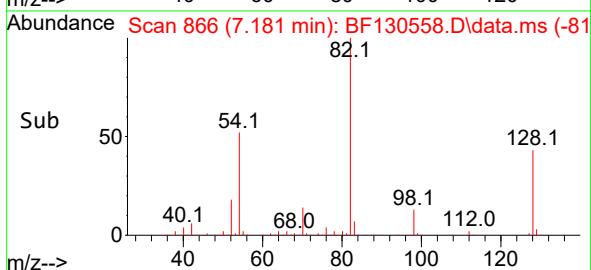
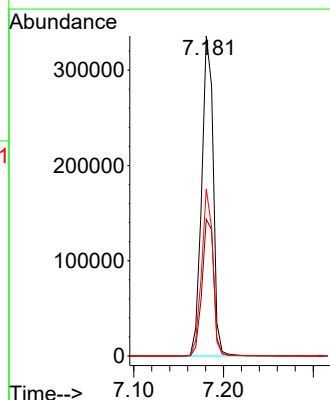
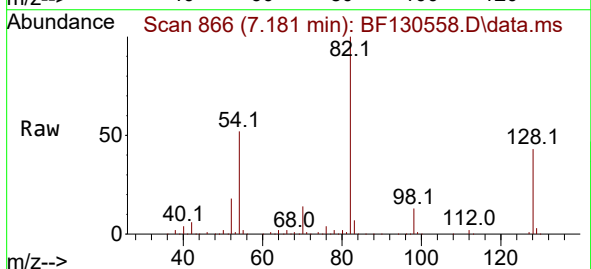
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

Tgt Ion:136 Resp: 296233
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.0 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 51.654 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion: 82 Resp: 299511
Ion Ratio Lower Upper
82 100
128 42.8 32.6 49.0
54 52.2 43.8 65.6

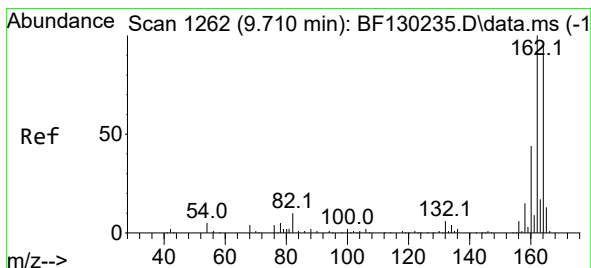
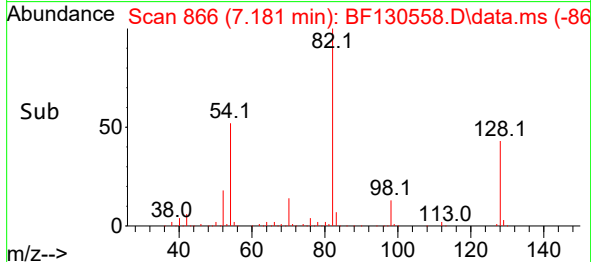
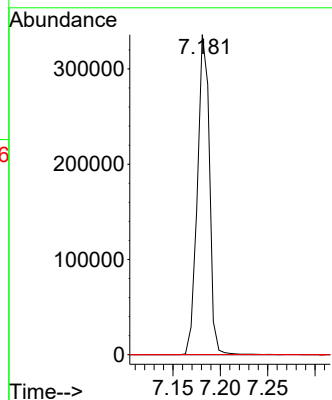
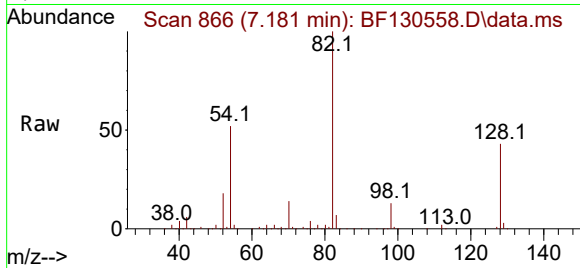




#25
Isophorone
Concen: 32.048 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

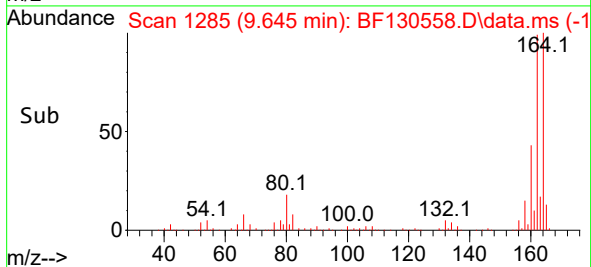
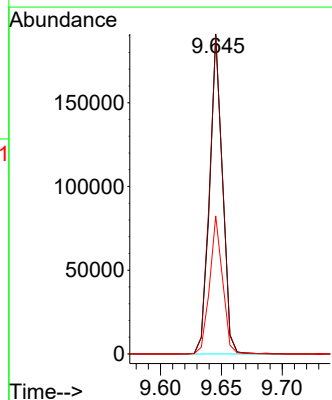
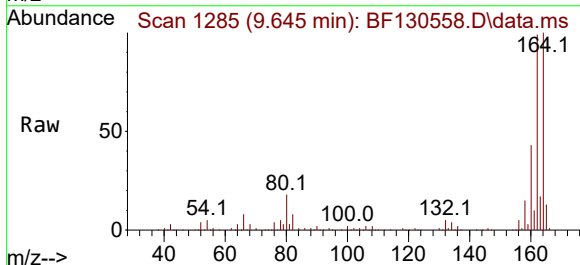
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

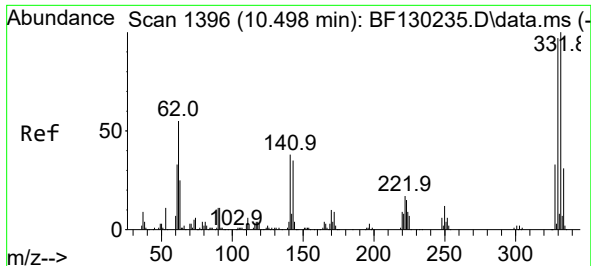
Tgt Ion: 82 Resp: 299506
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion:164 Resp: 139411
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 43.2 36.2 54.4

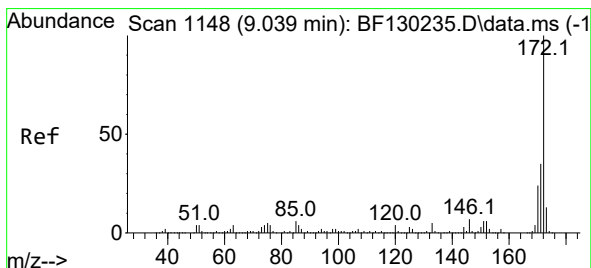
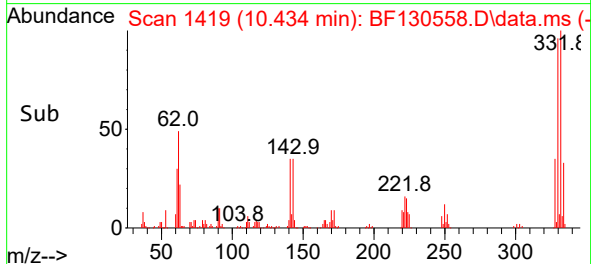
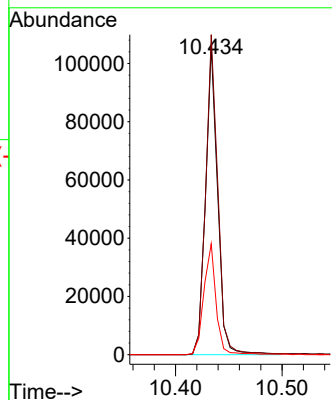
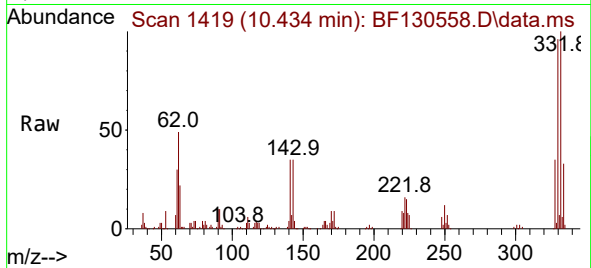




#42
2,4,6-Tribromophenol
Concen: 62.883 ng
RT: 10.434 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

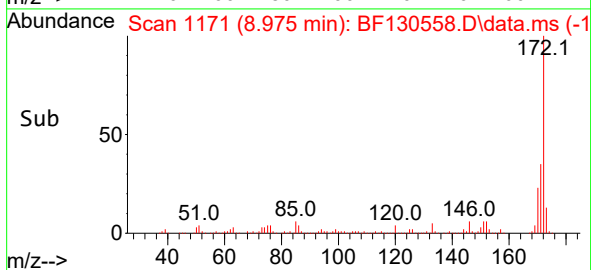
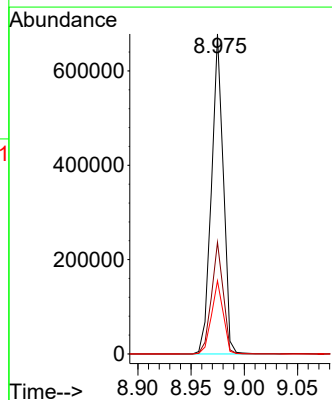
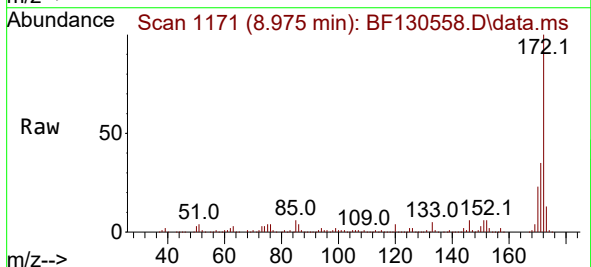
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

Tgt Ion:330 Resp: 84000
Ion Ratio Lower Upper
330 100
332 104.2 83.4 125.2
141 36.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 55.078 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion:172 Resp: 527296
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.7 28.1

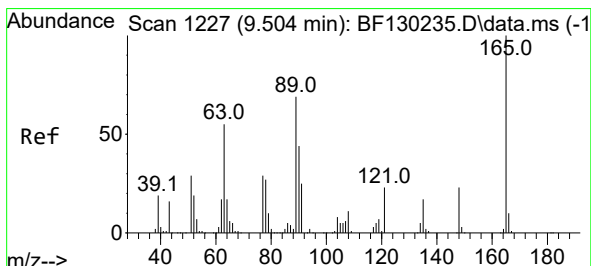
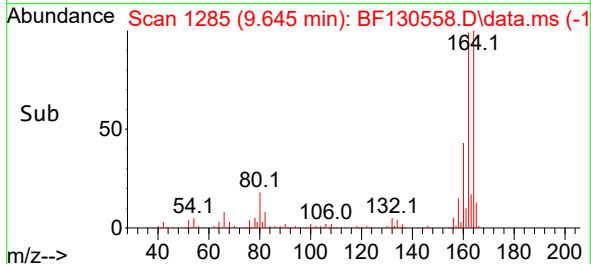
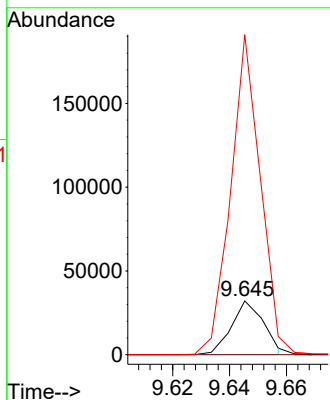
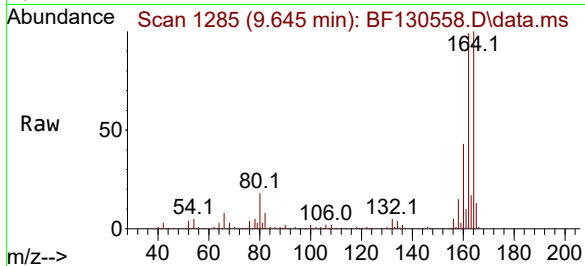




#50
Dimethylphthalate
Concen: 2.640 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

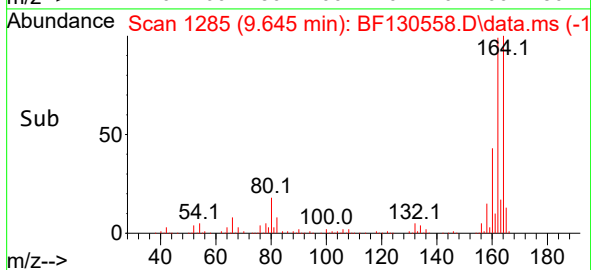
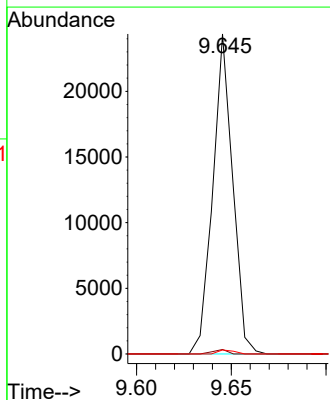
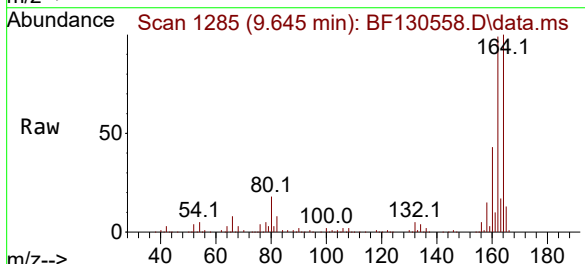
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

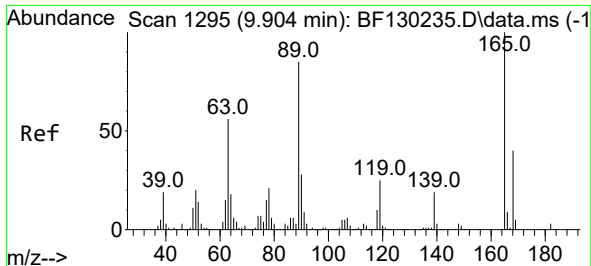
Tgt Ion:163 Resp: 25423
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 594.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion:165 Resp: 17817
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.3 54.5 81.7#

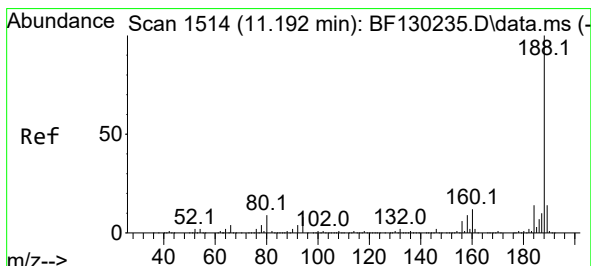
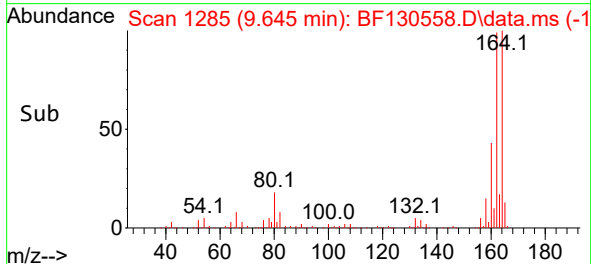
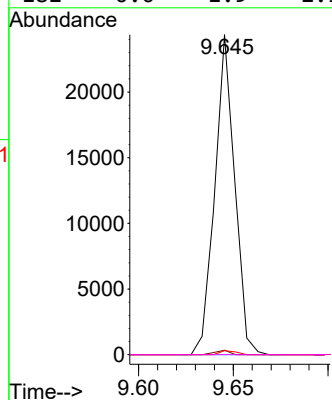
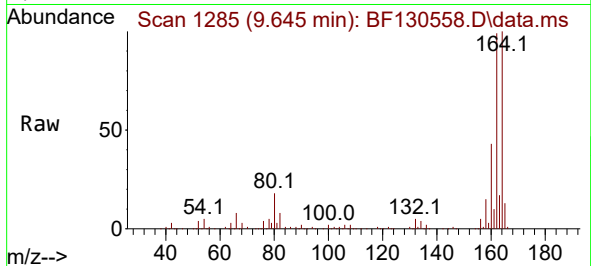




#57
2,4-Dinitrotoluene
Concen: 6.922 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

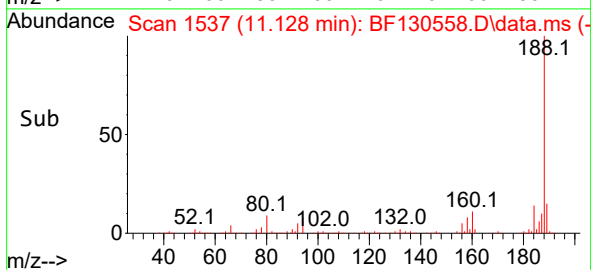
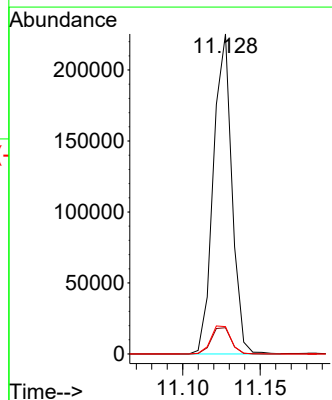
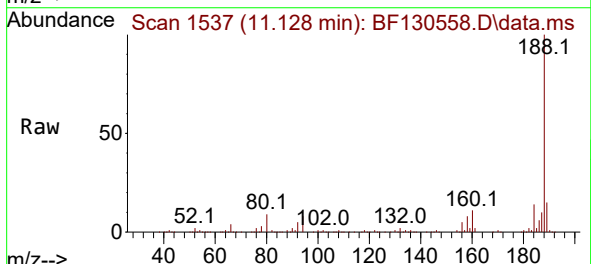
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

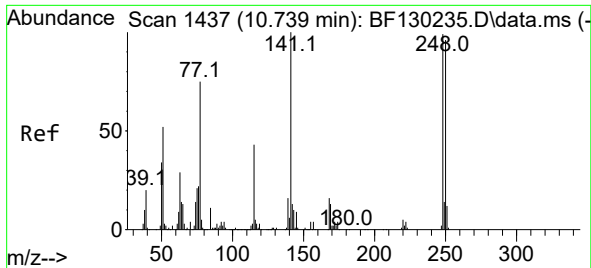
Tgt Ion:165 Resp: 17817
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.128 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

Tgt Ion:188 Resp: 187289
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.5 7.9 11.9

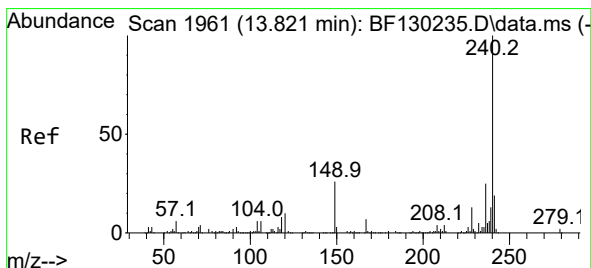
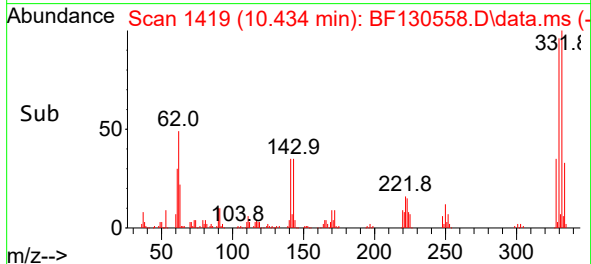
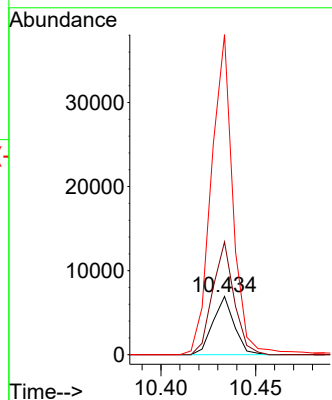
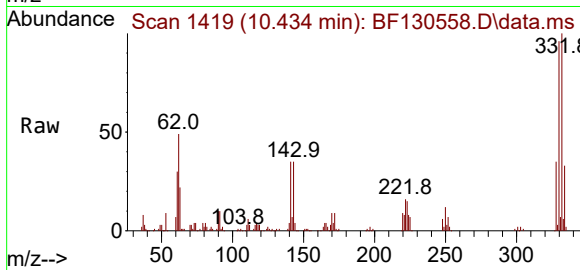




#67
4-Bromophenyl-phenylether
Concen: 2.614 ng
RT: 10.434 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

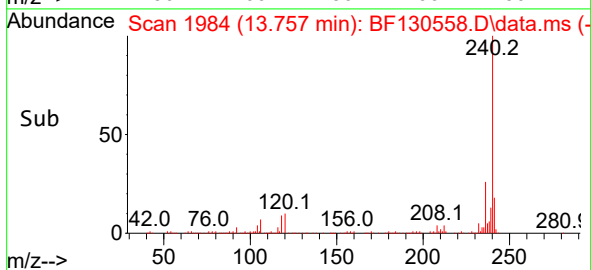
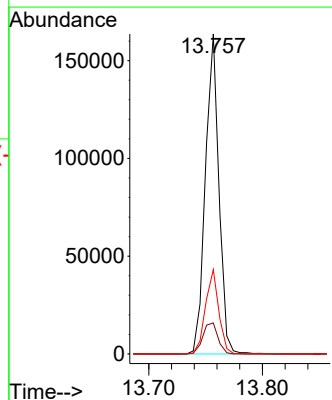
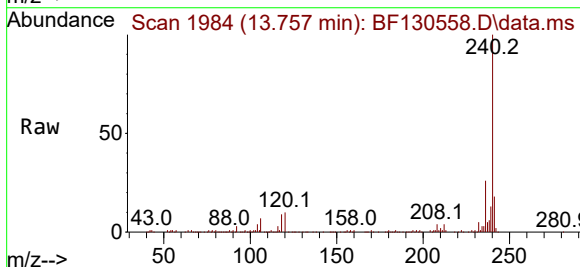
Instrument :
BNA_F
ClientSampleId :
SB-09-0-2.0

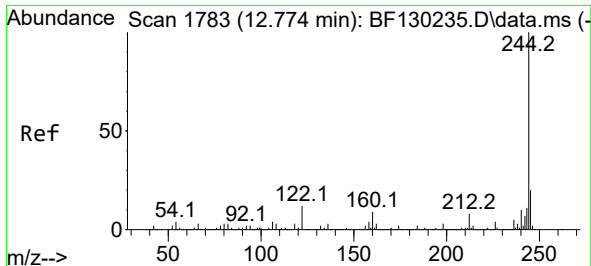
Tgt Ion:248 Resp: 5401
Ion Ratio Lower Upper
248 100
250 194.0 80.0 120.0#
141 550.0 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130558.D
Acq: 06 Oct 2022 19:17

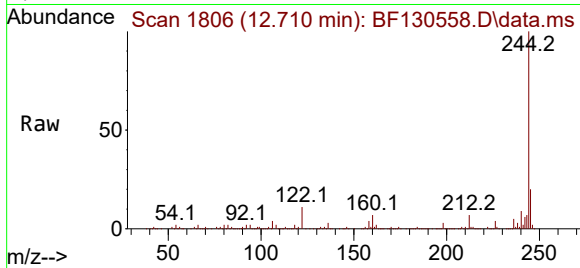
Tgt Ion:240 Resp: 134883
Ion Ratio Lower Upper
240 100
120 9.7 8.7 13.1
236 26.4 20.9 31.3



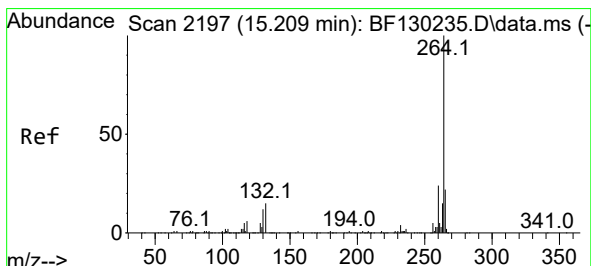
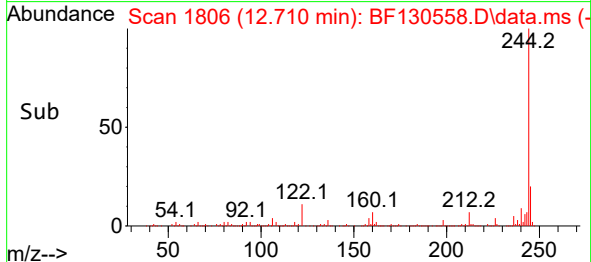
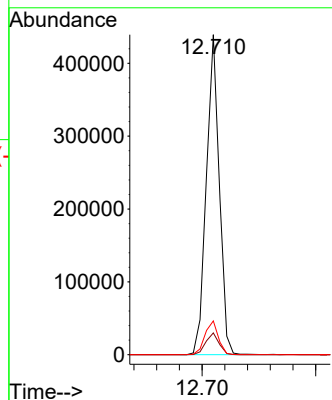


#79
 Terphenyl-d14
 Concen: 42.570 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130558.D
 Acq: 06 Oct 2022 19:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-0-2.0



Tgt Ion:244 Resp: 346637
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.6 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: BF130558.D
 Acq: 06 Oct 2022 19:17

Tgt Ion:264 Resp: 179073
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.6 17.0 25.4

