

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130561.D
 Acq On : 06 Oct 2022 20:59
 Operator : CG\JU
 Sample : N5014-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-2.0-3.0

Quant Time: Oct 07 02:12:27 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)

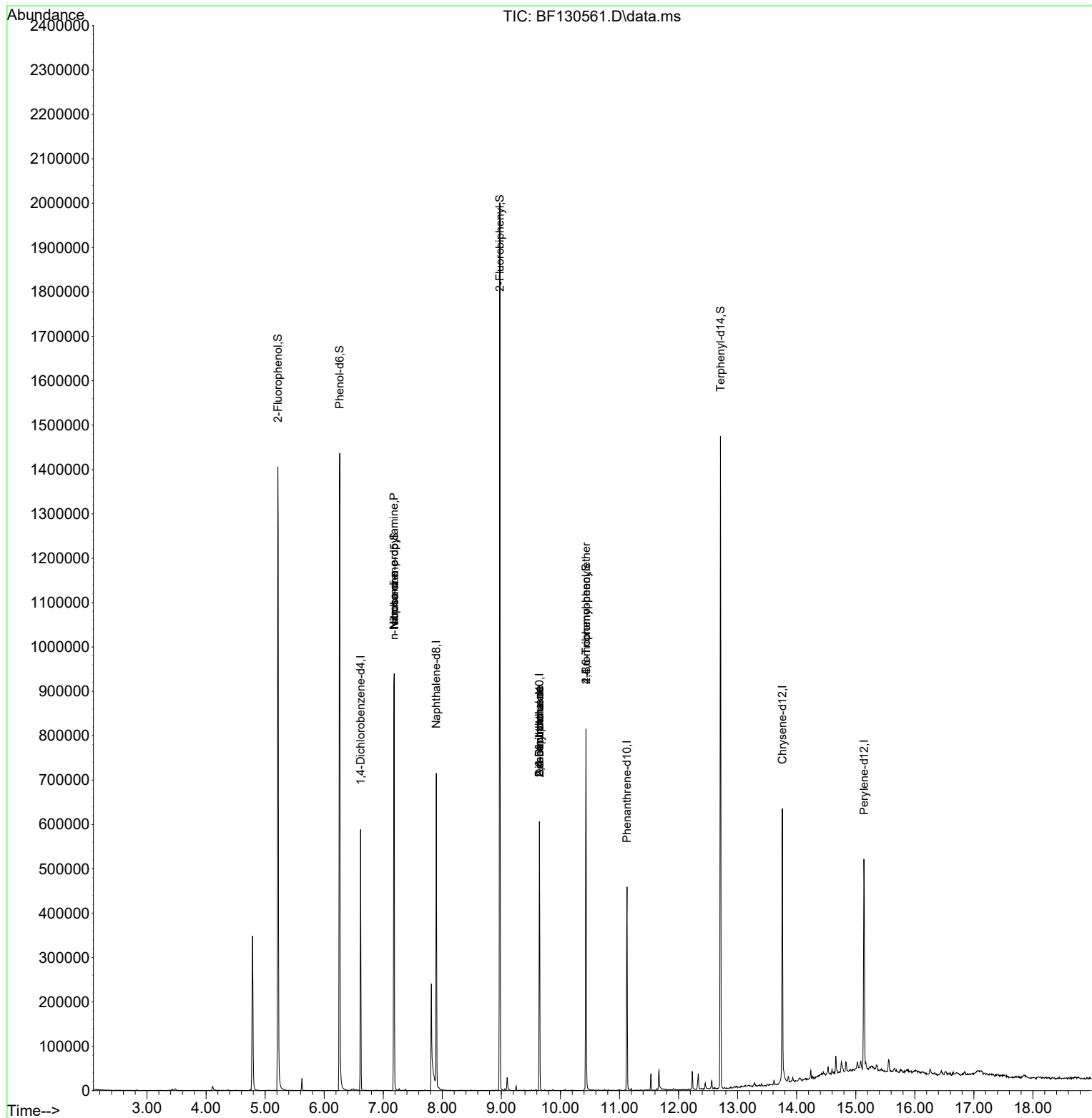
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	73377	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	257520	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	108256	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	155695	20.000	ng	0.00
76) Chrysene-d12	13.757	240	177572	20.000	ng	0.00
86) Perylene-d12	15.139	264	192522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	407723	96.376	ng	0.00
7) Phenol-d6	6.263	99	480037	90.686	ng	0.00
23) Nitrobenzene-d5	7.186	82	303099	60.131	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	87446	84.302	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	493757	66.417	ng	0.00
79) Terphenyl-d14	12.710	244	452260	42.189	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	41054	11.494	ng	# 73
25) Isophorone	7.186	82	303098	37.307	ng	# 66
50) Dimethylphthalate	9.645	163	19688	2.633	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	13392	8.563	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	13392	6.700	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	5584	3.251	ng	# 1

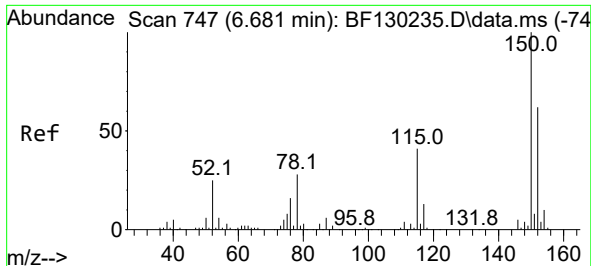
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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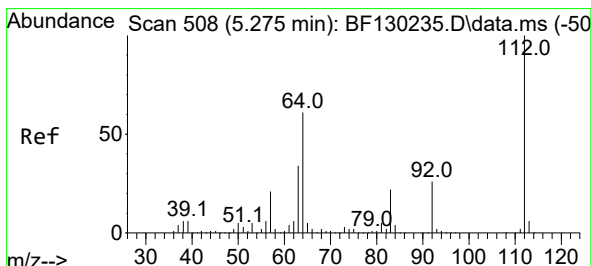
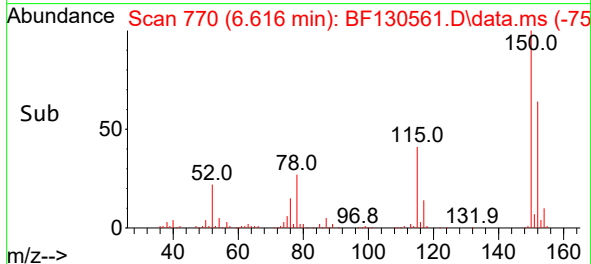
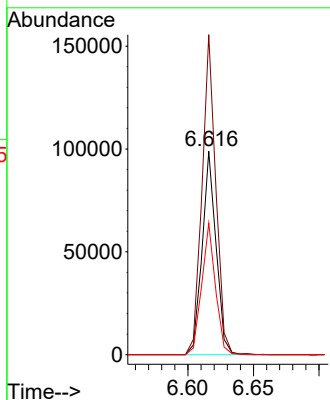
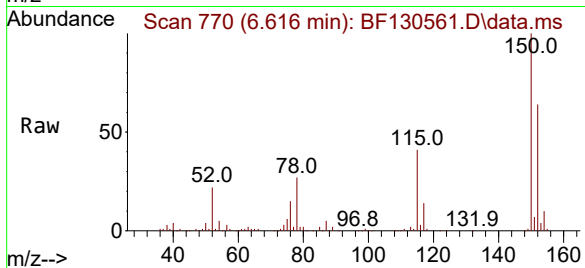




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130561.D
 Acq: 06 Oct 2022 20:59

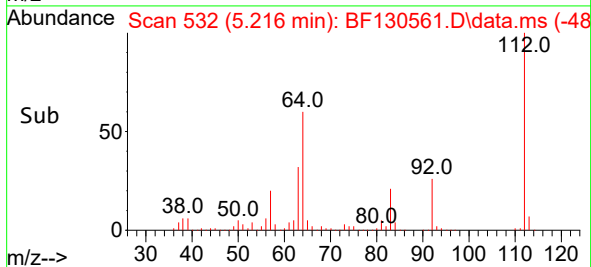
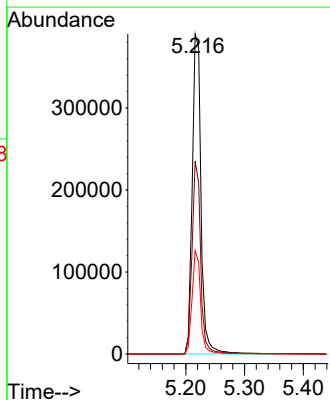
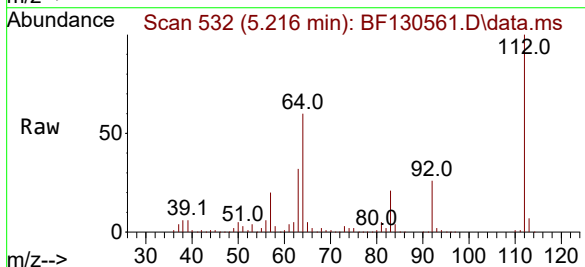
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-2.0-3.0

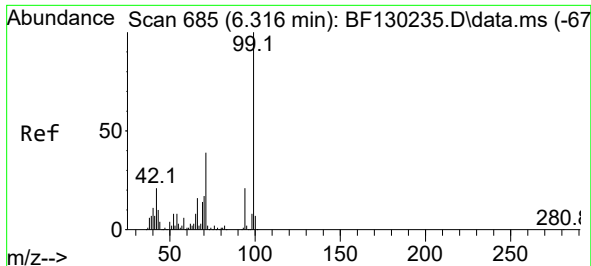
Tgt Ion:152 Resp: 73377
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.8 184.2
 115 64.6 53.8 80.8



#5
 2-Fluorophenol
 Concen: 96.376 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130561.D
 Acq: 06 Oct 2022 20:59

Tgt Ion:112 Resp: 407723
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.4 77.0
 63 32.2 28.8 43.2

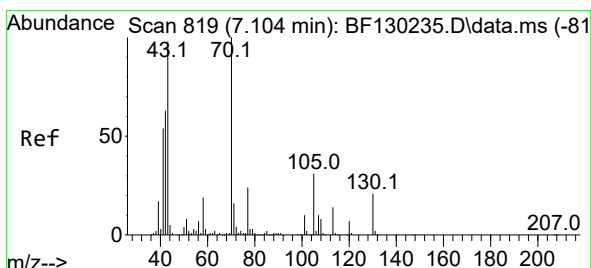
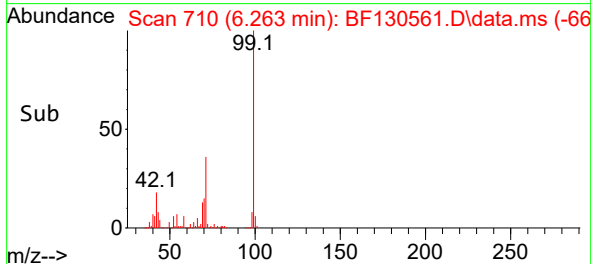
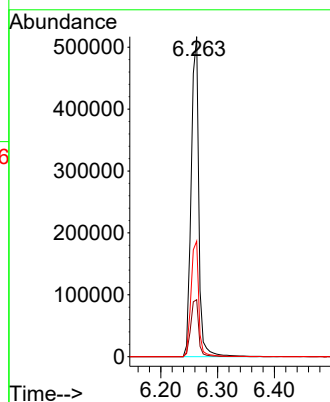
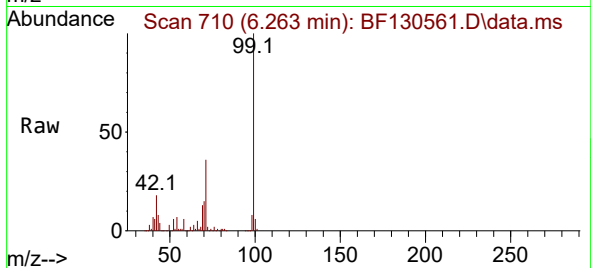




#7
Phenol-d6
Concen: 90.686 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

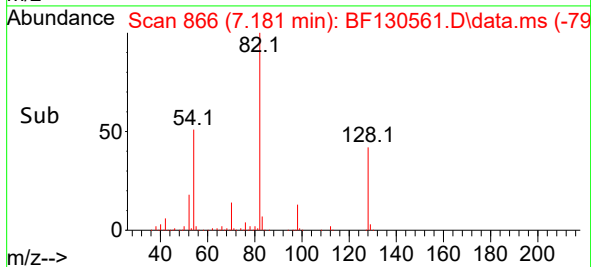
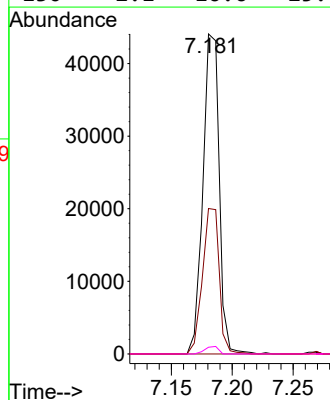
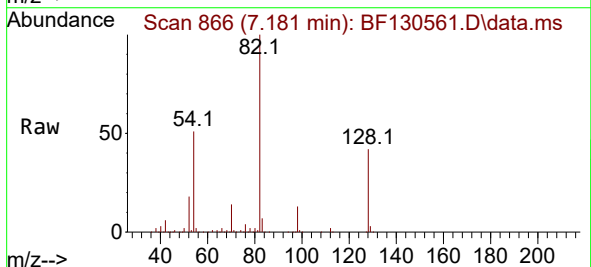
Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

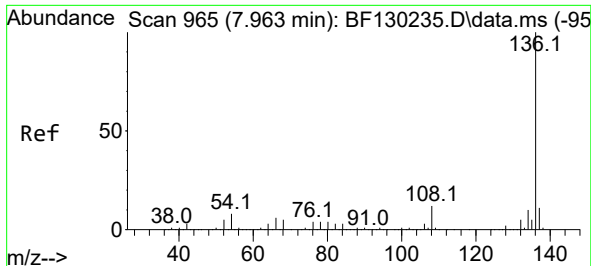
Tgt Ion: 99 Resp: 480037
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 36.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.494 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

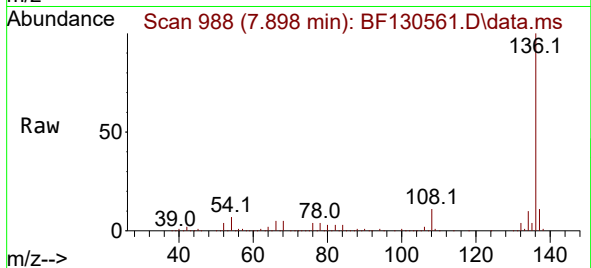
Tgt Ion: 70 Resp: 41054
Ion Ratio Lower Upper
70 100
42 45.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



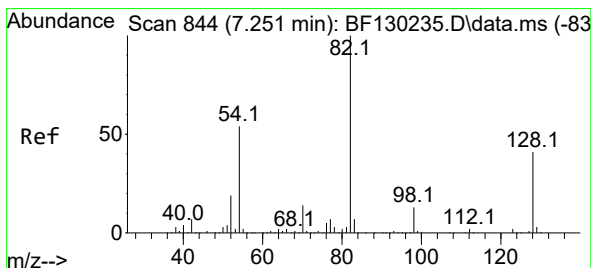
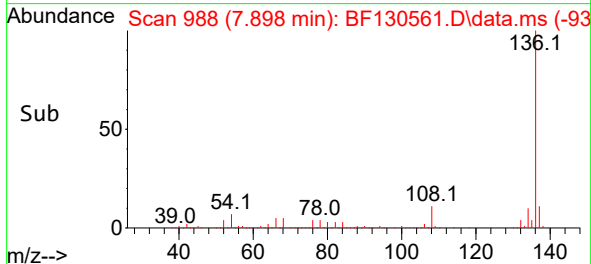
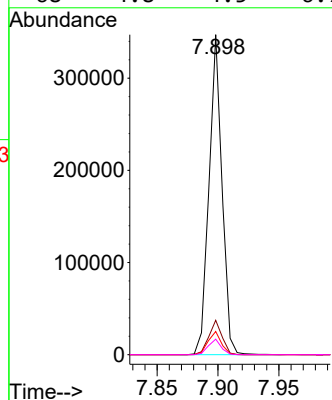


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

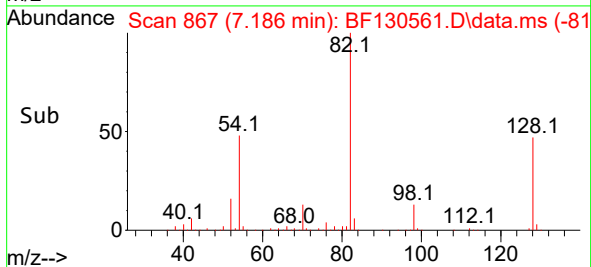
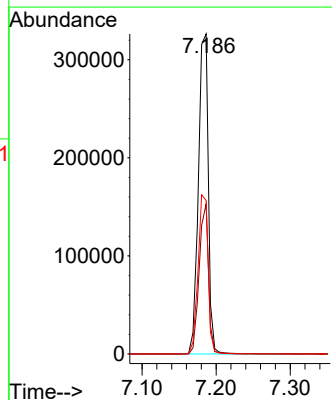
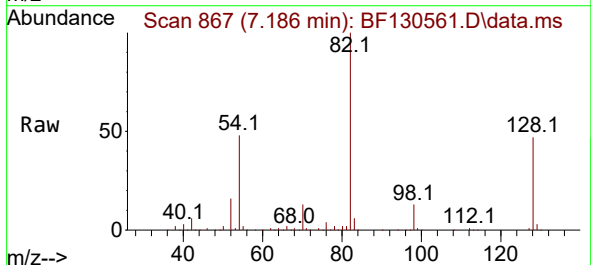


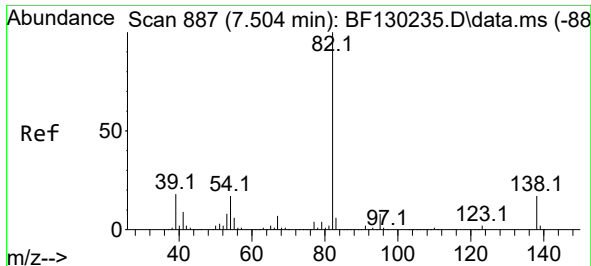
Tgt Ion:136 Resp: 257520
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.3 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.131 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion: 82 Resp: 303099
Ion Ratio Lower Upper
82 100
128 46.9 32.6 49.0
54 48.0 43.8 65.6

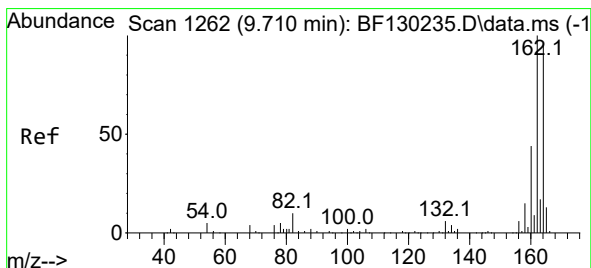
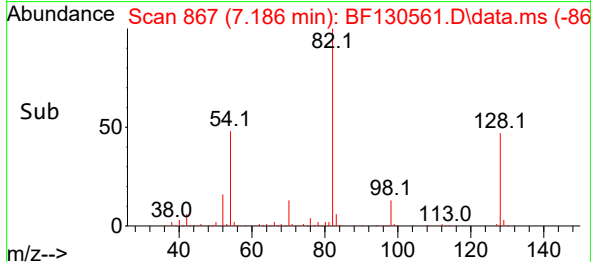
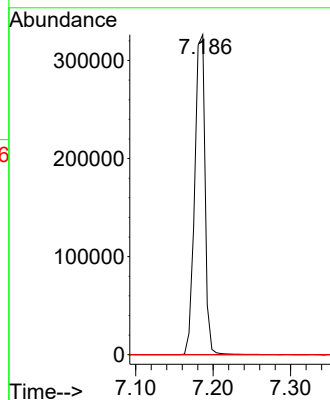
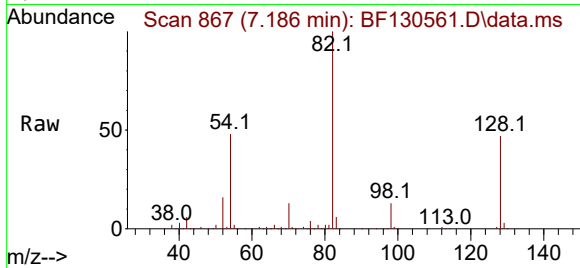




#25
Isophorone
Concen: 37.307 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

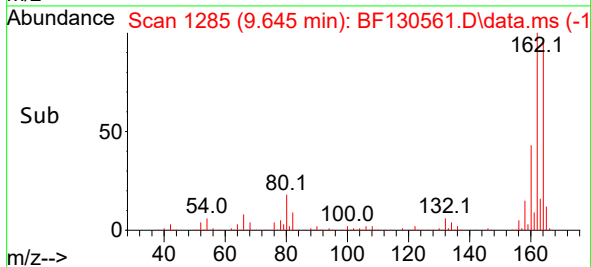
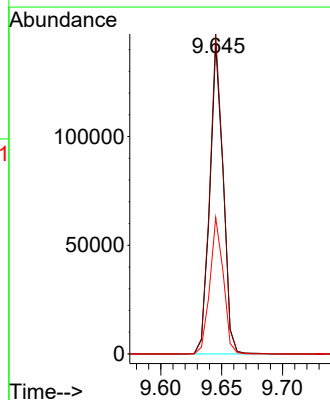
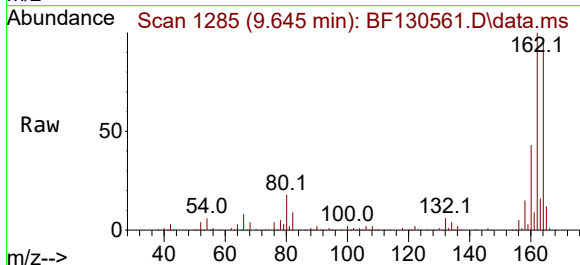
Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

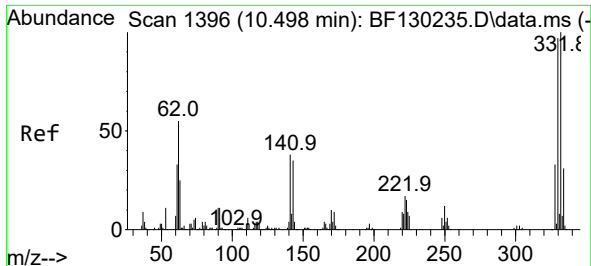
Tgt Ion: 82 Resp: 303098
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

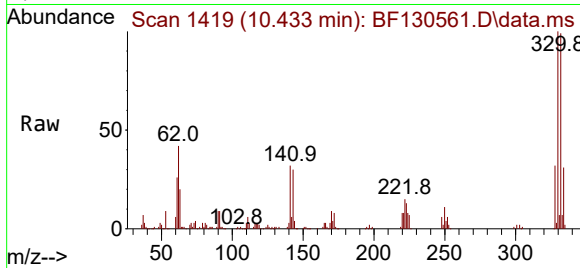
Tgt Ion: 164 Resp: 108256
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 44.2 36.2 54.4



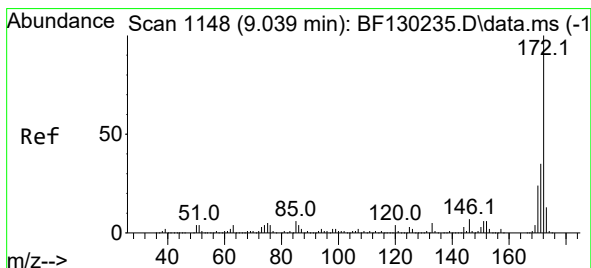
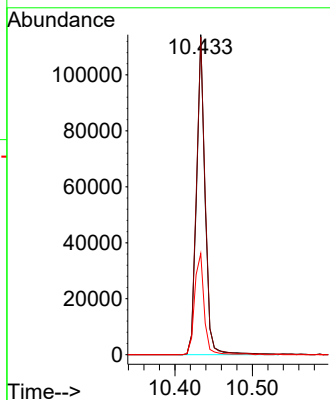
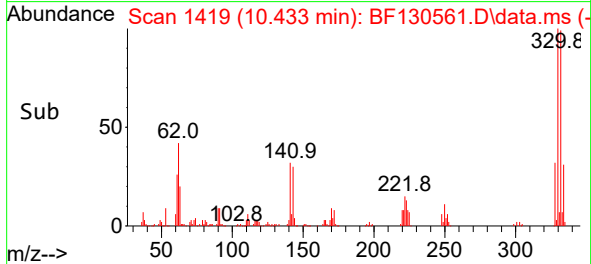


#42
2,4,6-Tribromophenol
Concen: 84.302 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

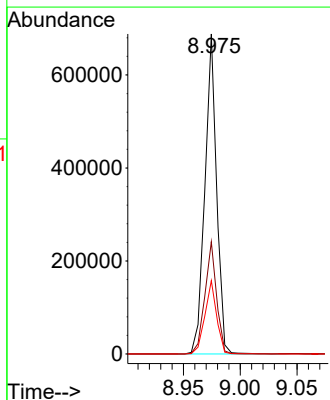
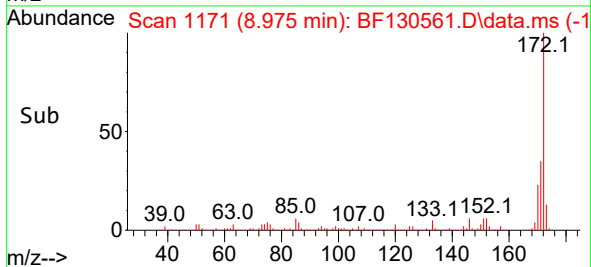
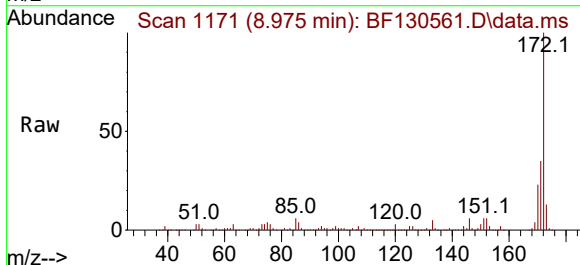


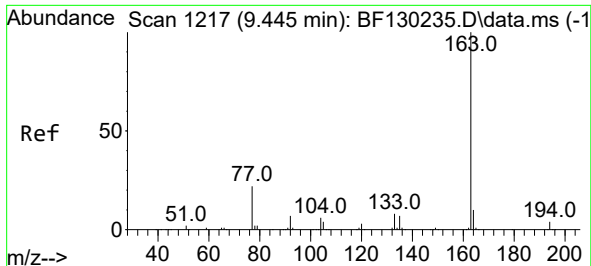
Tgt Ion:330 Resp: 87446
Ion Ratio Lower Upper
330 100
332 101.8 83.4 125.2
141 35.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 66.417 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion:172 Resp: 493757
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.7 28.1

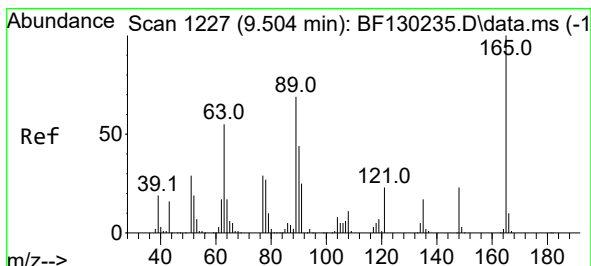
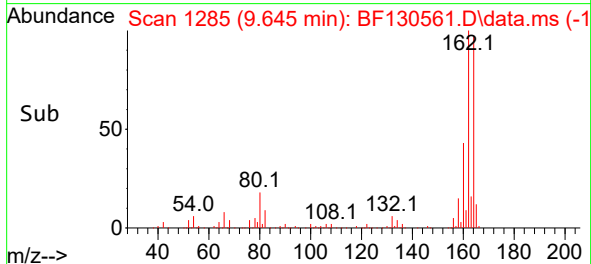
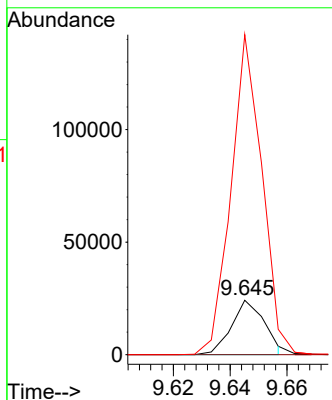
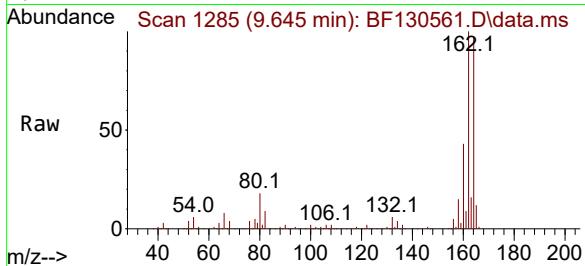




#50
Dimethylphthalate
Concen: 2.633 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.259 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

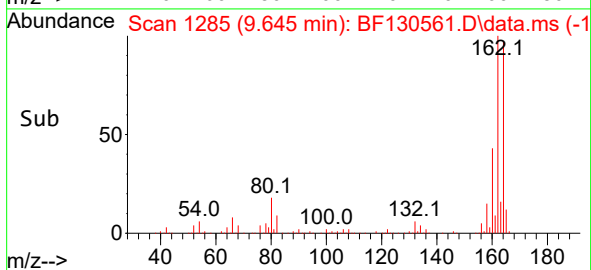
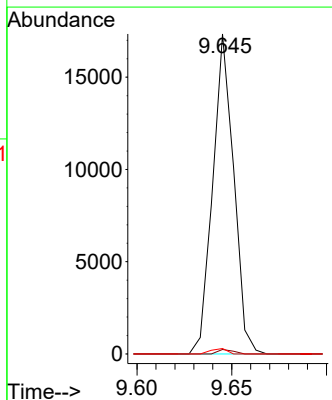
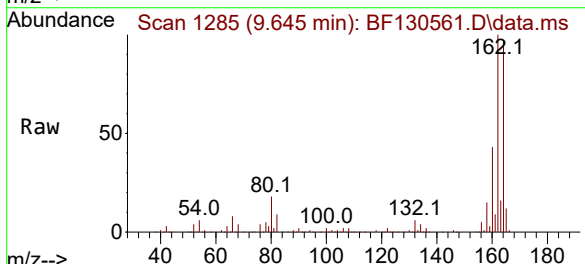
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ClientSampleId :
SB-05-2.0-3.0

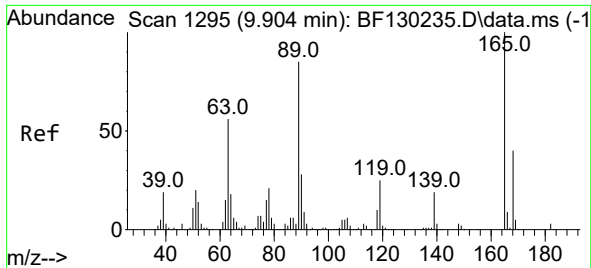
Tgt Ion:163 Resp: 19688
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 588.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion:165 Resp: 13392
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.7 54.5 81.7#

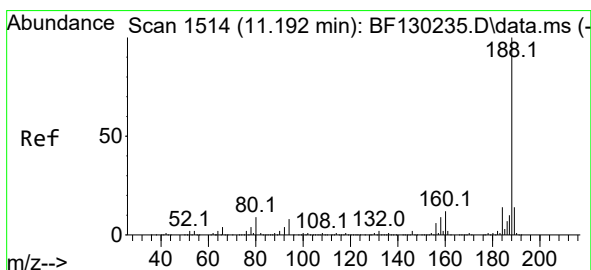
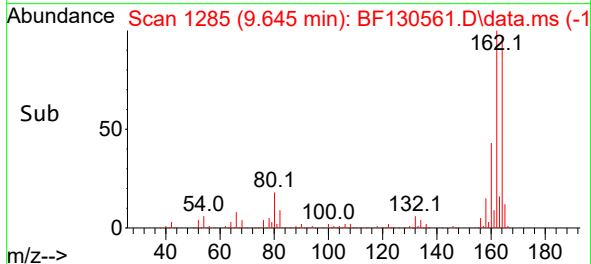
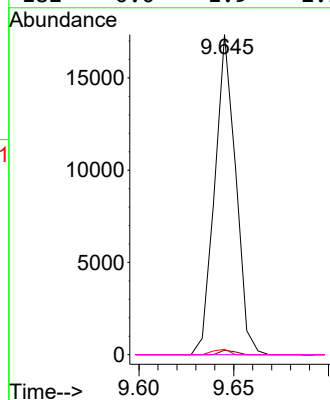
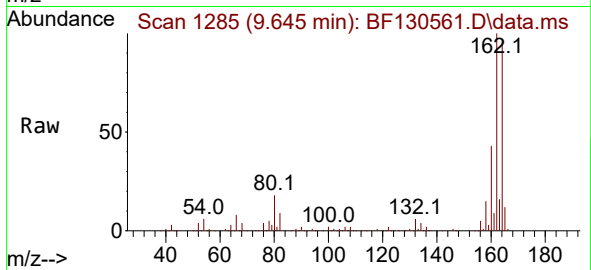




#57
2,4-Dinitrotoluene
Concen: 6.700 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

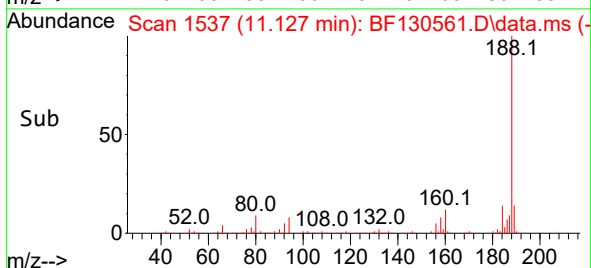
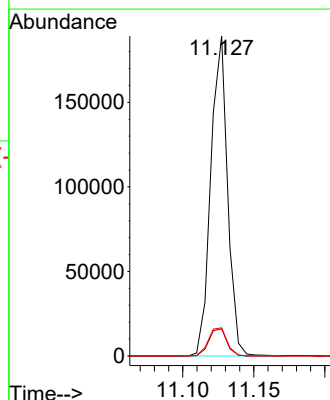
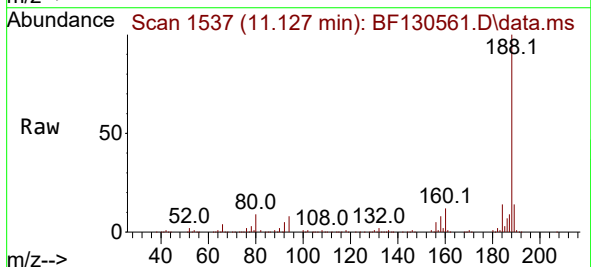
Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

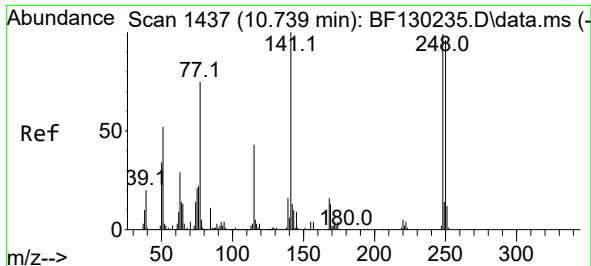
Tgt Ion:165 Resp: 13392
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion:188 Resp: 155695
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.8 7.9 11.9

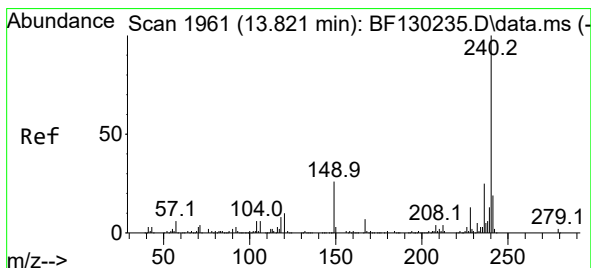
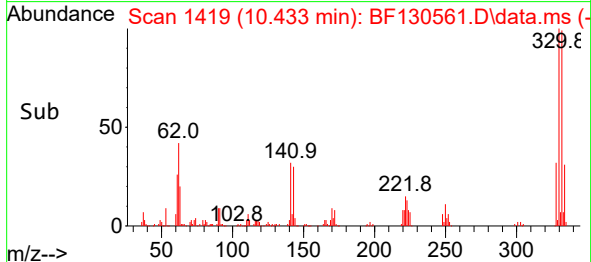
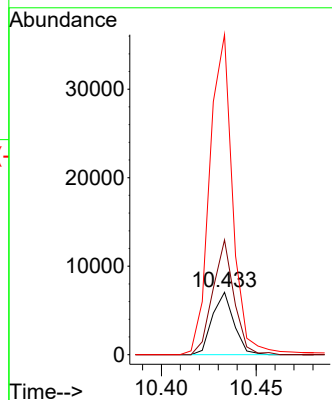
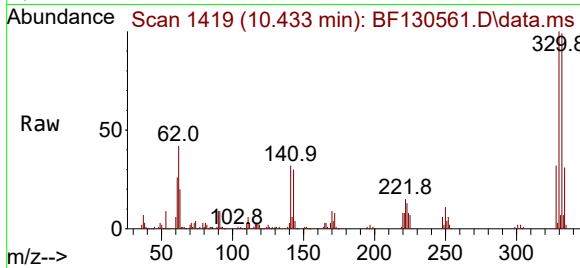




#67
4-Bromophenyl-phenylether
Concen: 3.251 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

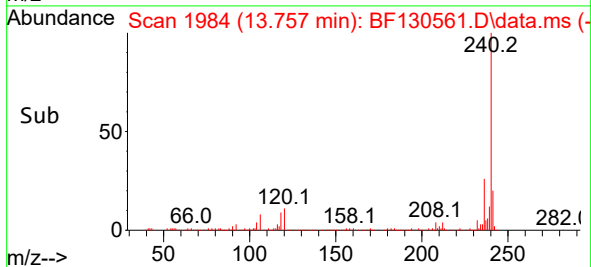
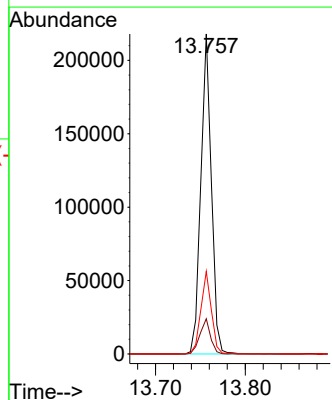
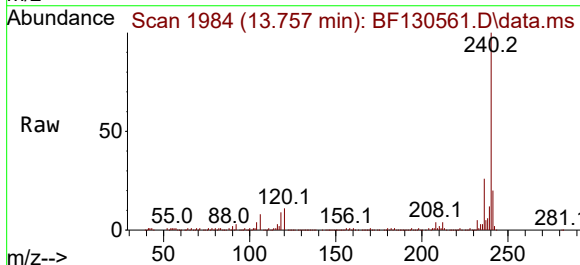
Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

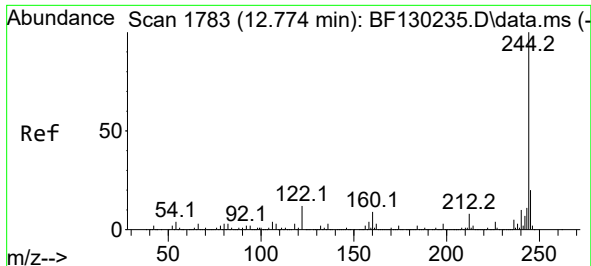
Tgt Ion:248 Resp: 5584
Ion Ratio Lower Upper
248 100
250 184.1 80.0 120.0#
141 513.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion:240 Resp: 177572
Ion Ratio Lower Upper
240 100
120 11.0 8.7 13.1
236 25.8 20.9 31.3

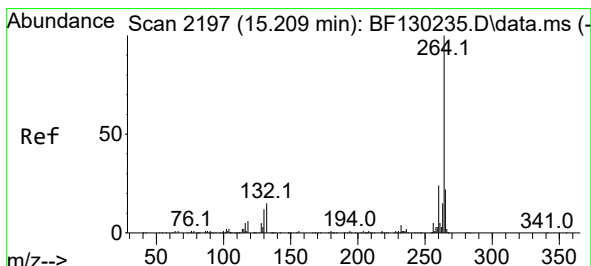
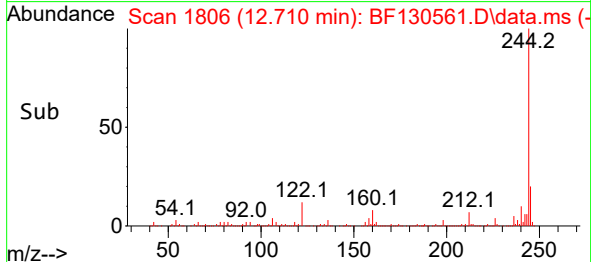
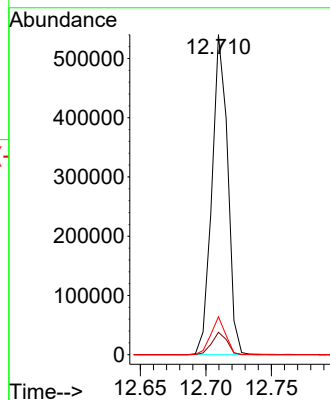
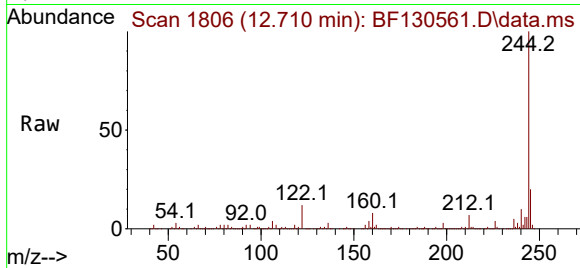




#79
Terphenyl-d14
Concen: 42.189 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130561.D
Acq: 06 Oct 2022 20:59

Instrument :
BNA_F
ClientSampleId :
SB-05-2.0-3.0

Tgt Ion:244 Resp: 452260
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.8 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: BF130561.D
Acq: 06 Oct 2022 20:59

Tgt Ion:264 Resp: 192522
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.7 17.0 25.4

