

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130401.D
 Acq On : 26 Sep 2022 10:38
 Operator : CG\JU
 Sample : PB147858BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147858BL

Quant Time: Sep 27 01:03:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

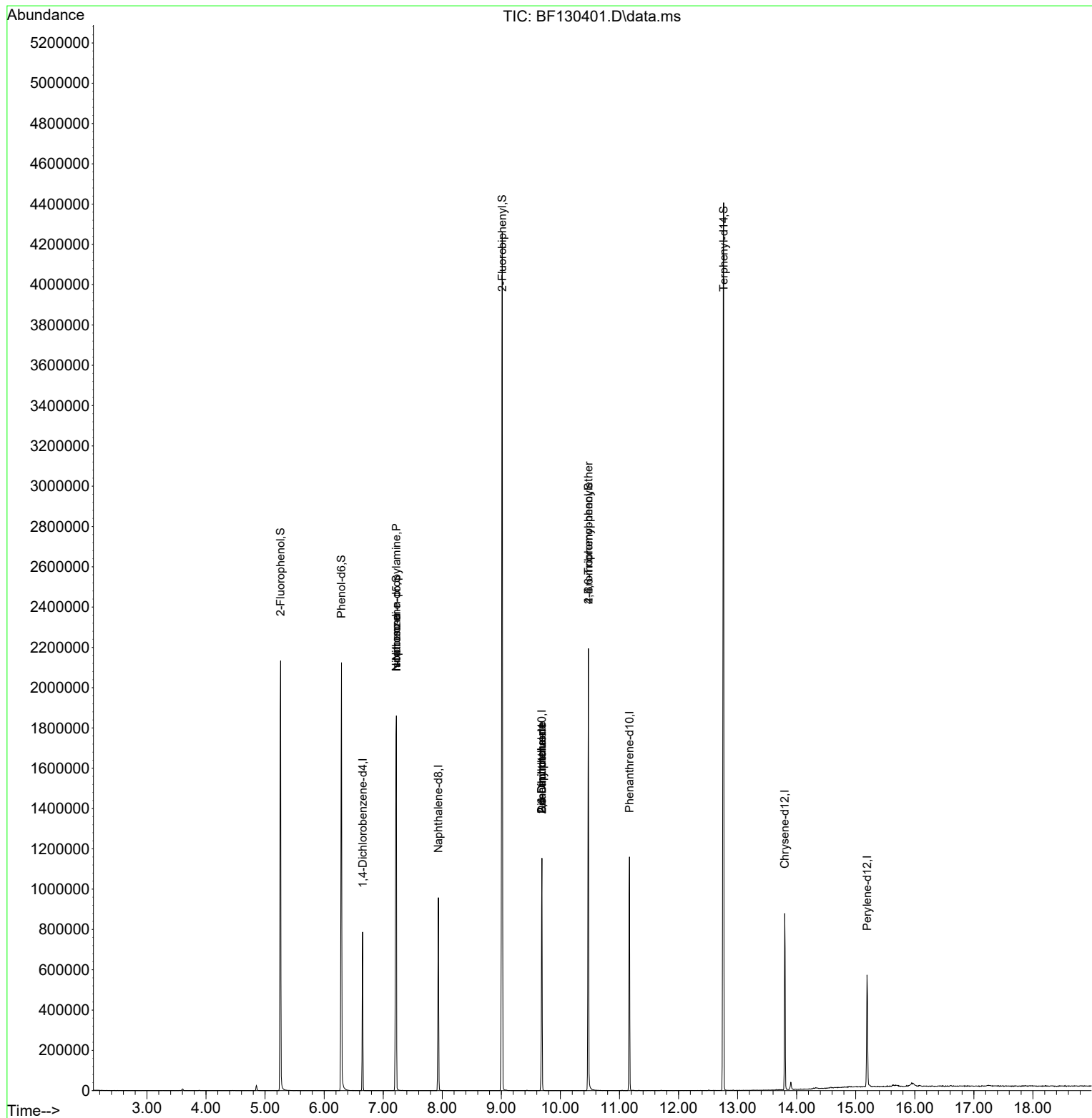
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	106046	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	431324	20.000	ng	# 0.00
39) Acenaphthene-d10	9.687	164	233705	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	419572	20.000	ng	0.00
76) Chrysene-d12	13.798	240	296294	20.000	ng	0.00
86) Perylene-d12	15.192	264	225847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	606631	99.219	ng	0.02
7) Phenol-d6	6.293	99	746340	97.560	ng	0.00
23) Nitrobenzene-d5	7.222	82	711984	84.331	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	248510	110.975	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1415207	88.180	ng	0.00
79) Terphenyl-d14	12.763	244	1677145	93.764	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.222	70	96137	18.624	ng	# 72
25) Isophorone	7.222	82	710600	52.221	ng	# 66
50) Dimethylphthalate	9.687	163	43346	2.685	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	30635	9.074	ng	# 15
57) 2,4-Dinitrotoluene	9.687	165	30635	7.100	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	14685	3.173	ng	# 1

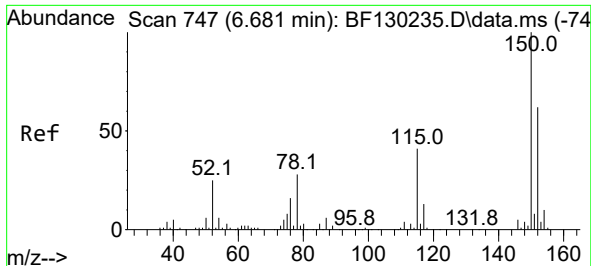
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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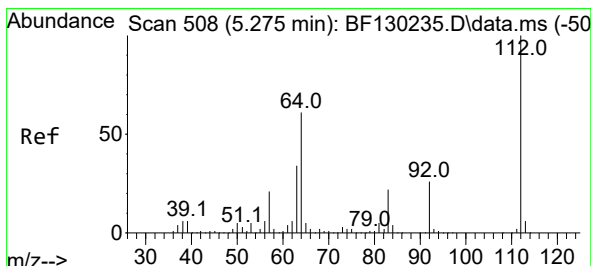
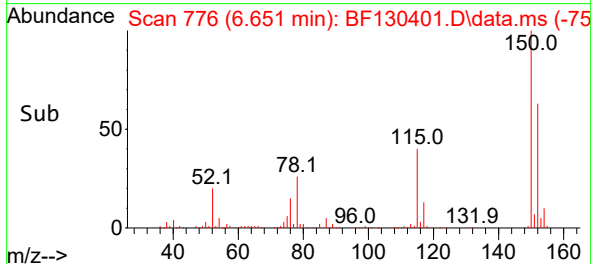
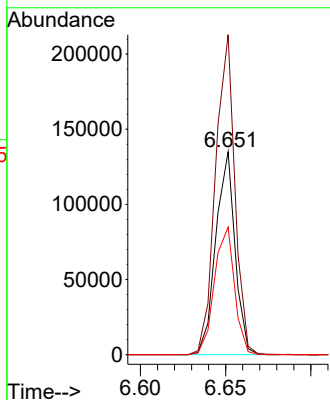
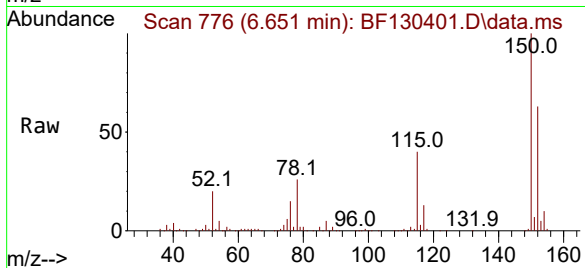




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130401.D
 Acq: 26 Sep 2022 10:38

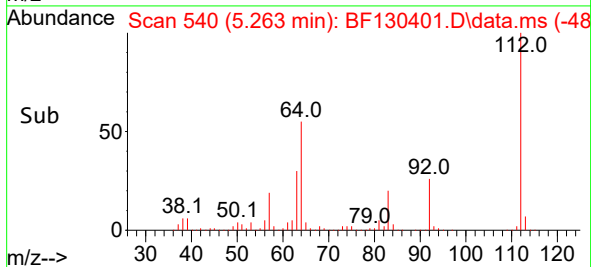
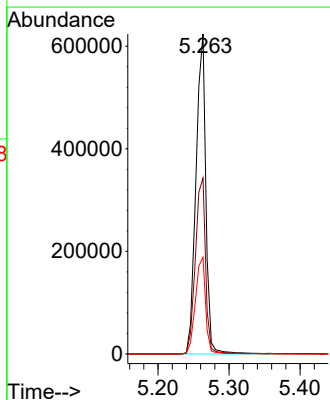
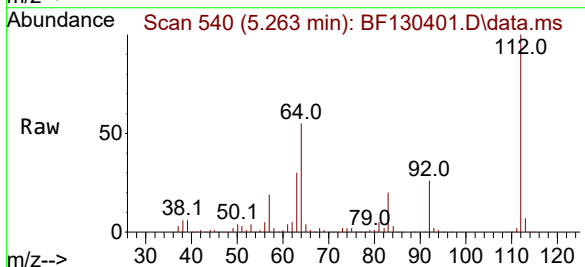
Instrument :
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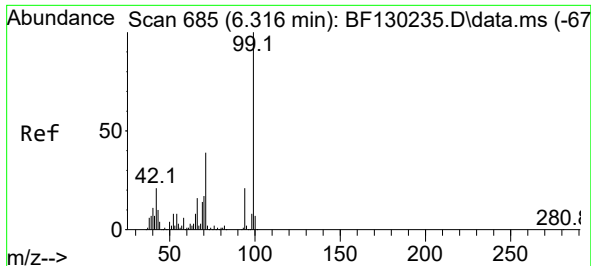
Tgt Ion:152 Resp: 106046
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.8 184.2
 115 62.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 99.219 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.018 min
 Lab File: BF130401.D
 Acq: 26 Sep 2022 10:38

Tgt Ion:112 Resp: 606631
 Ion Ratio Lower Upper
 112 100
 64 55.0 51.4 77.0
 63 30.2 28.8 43.2

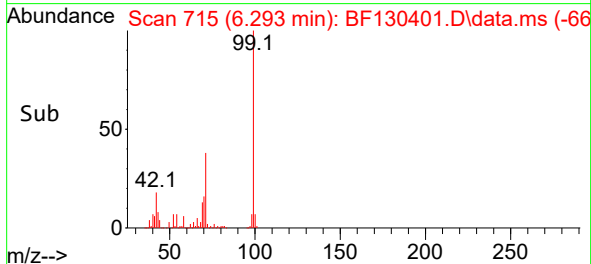
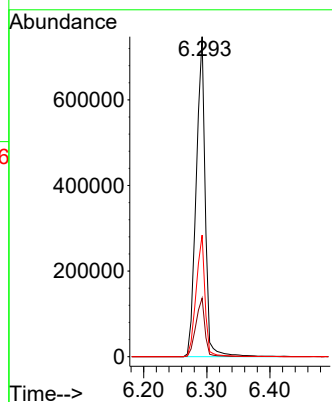
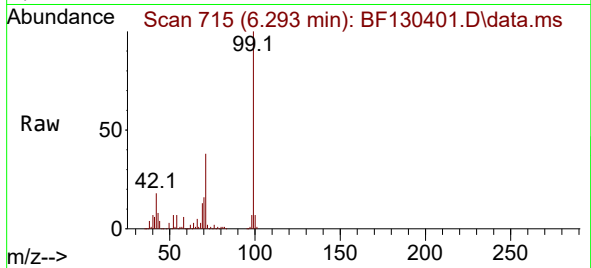




#7
Phenol-d6
Concen: 97.560 ng
RT: 6.293 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

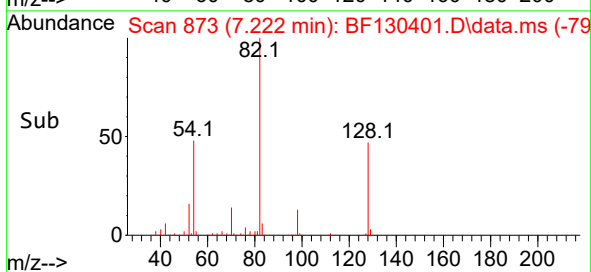
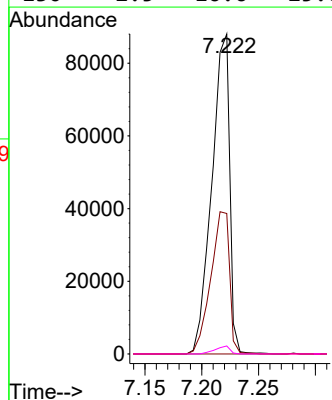
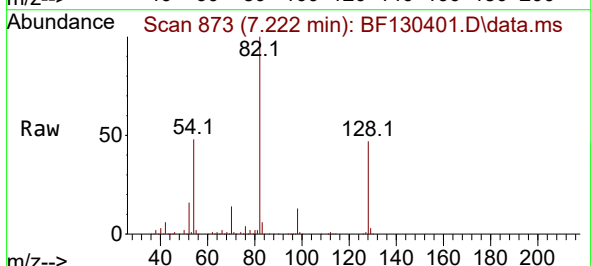
Instrument :
BNA_F
ClientSampleId :
PB147858BL

Tgt Ion: 99 Resp: 746340
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 38.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.624 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion: 70 Resp: 96137
Ion Ratio Lower Upper
70 100
42 43.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

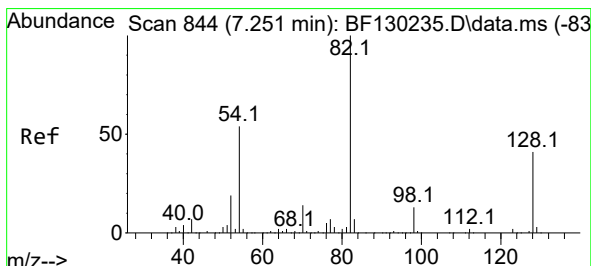
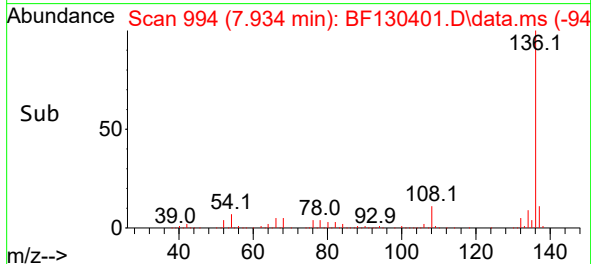
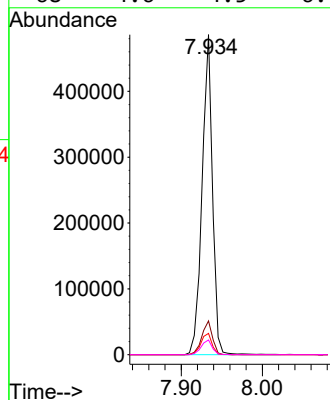
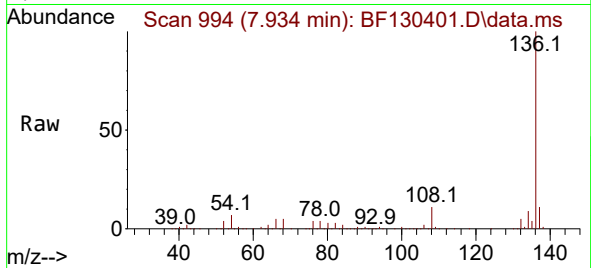




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

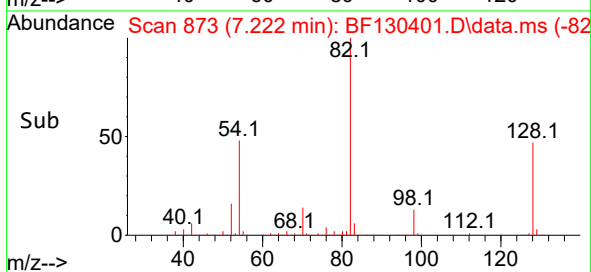
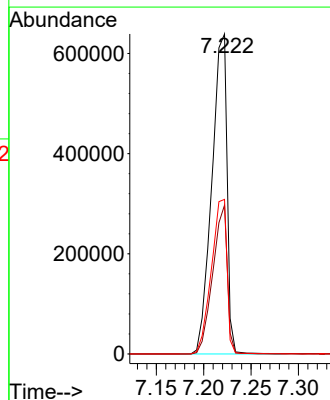
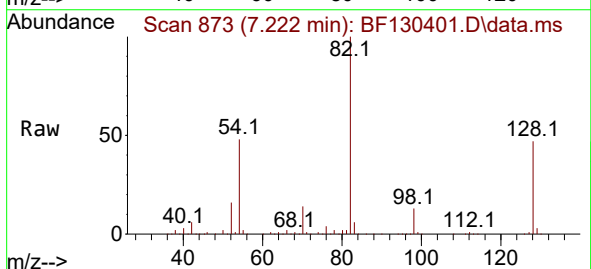
Instrument :
BNA_F
ClientSampleId :
PB147858BL

Tgt Ion:136 Resp: 431324
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.7 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.331 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion: 82 Resp: 711984
Ion Ratio Lower Upper
82 100
128 46.5 32.6 49.0
54 48.3 43.8 65.6

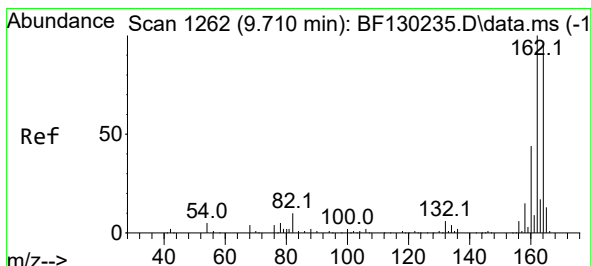
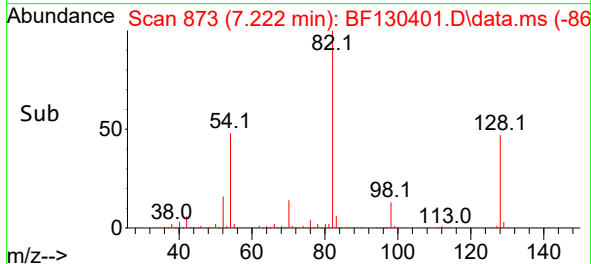
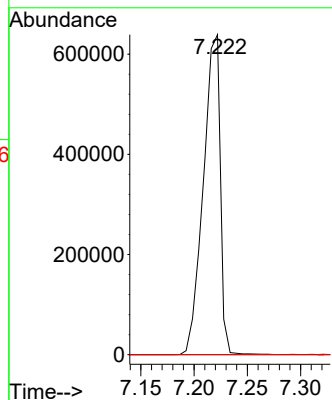
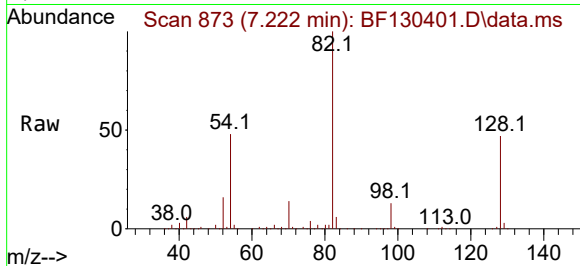




#25
Isophorone
Concen: 52.221 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

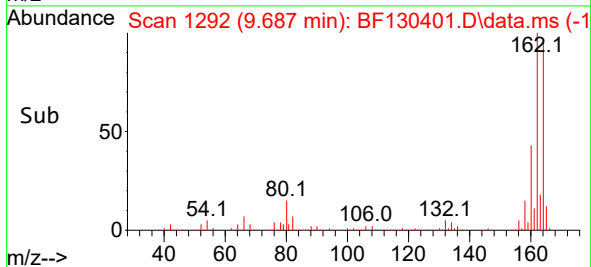
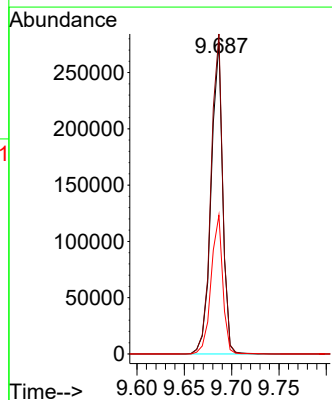
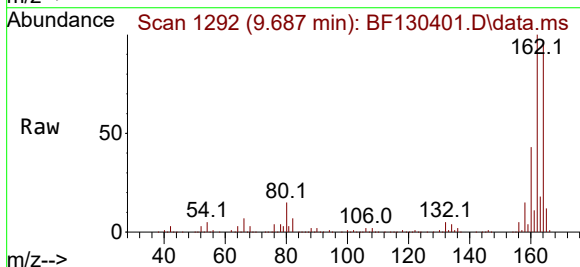
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BNA_F
ClientSampleId :
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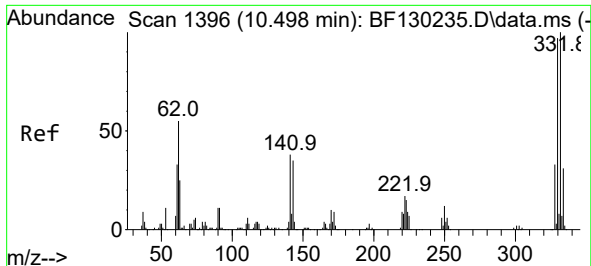
Tgt Ion: 82 Resp: 710600
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

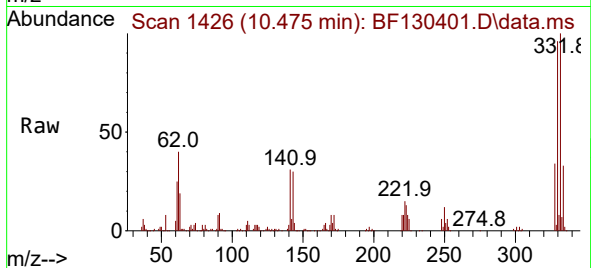
Tgt Ion: 164 Resp: 233705
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 44.5 36.2 54.4



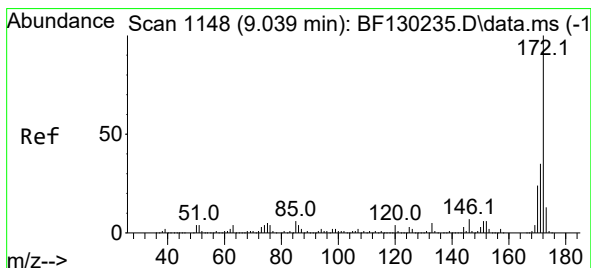
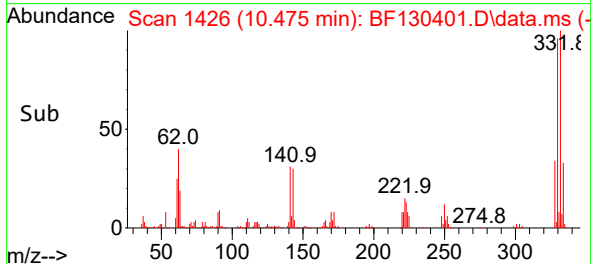
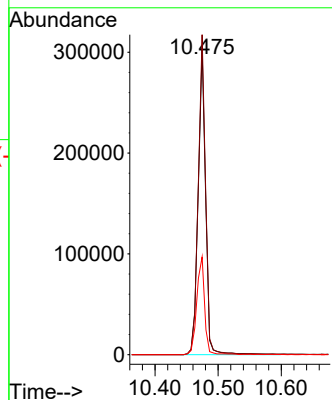


#42
2,4,6-Tribromophenol
Concen: 110.975 ng
RT: 10.475 min Scan# 141
Delta R.T. -0.006 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Instrument :
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PB147858BL

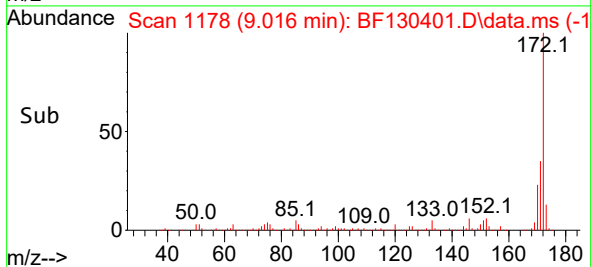
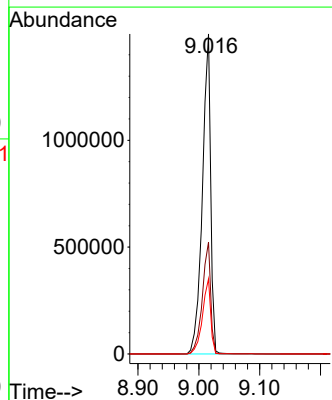
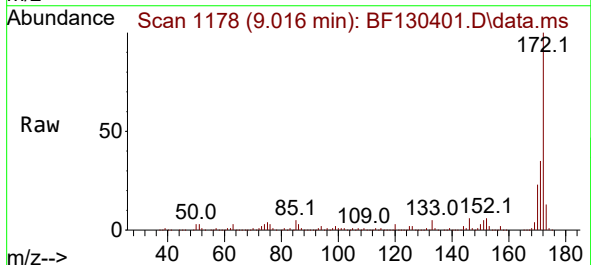


Tgt Ion:330 Resp: 248510
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 33.8 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 88.180 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion:172 Resp: 1415207
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 18.7 28.1

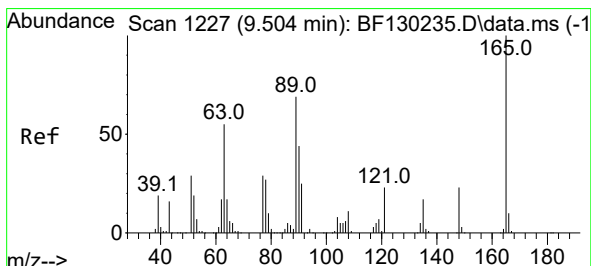
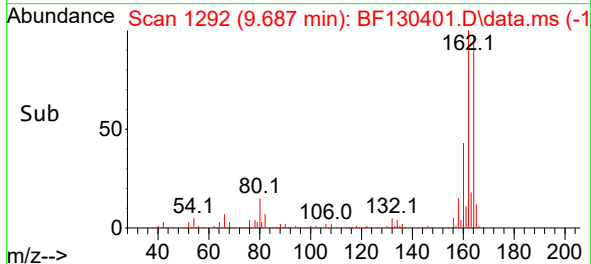
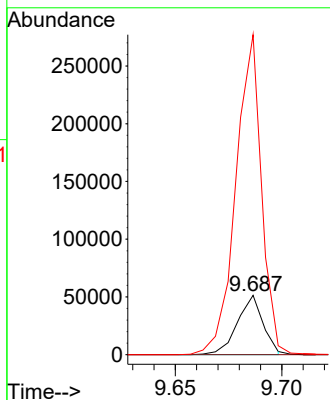
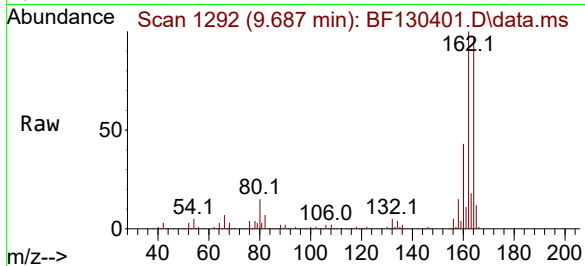




#50
Dimethylphthalate
Concen: 2.685 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.265 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

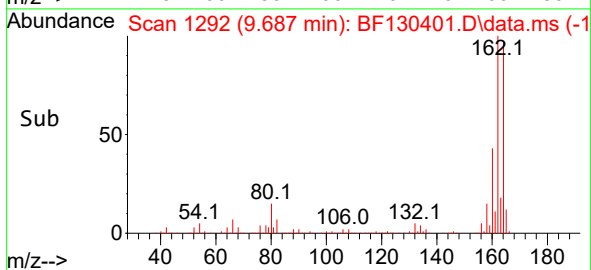
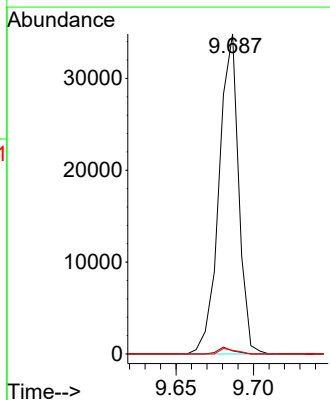
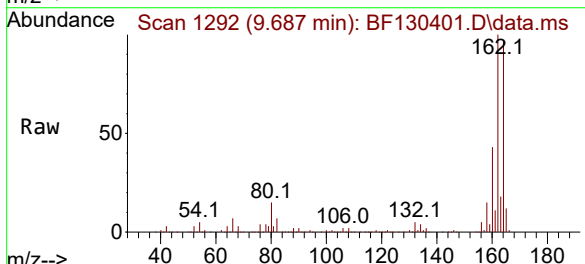
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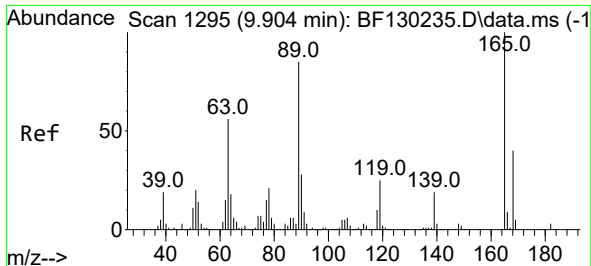
Tgt Ion:163 Resp: 43346
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 539.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.074 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion:165 Resp: 30635
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.2 54.5 81.7#

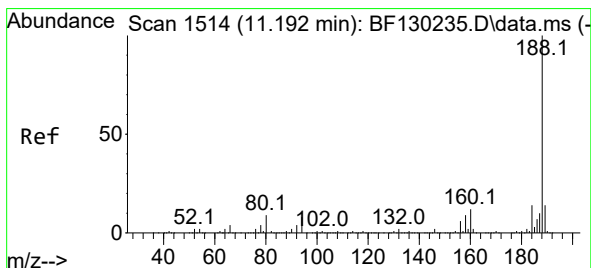
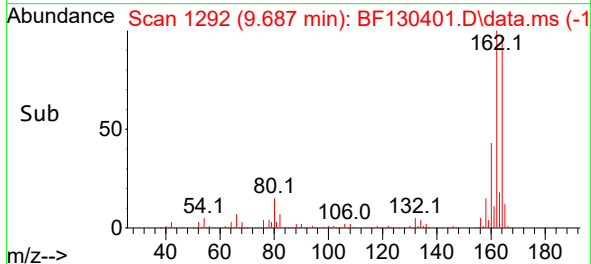
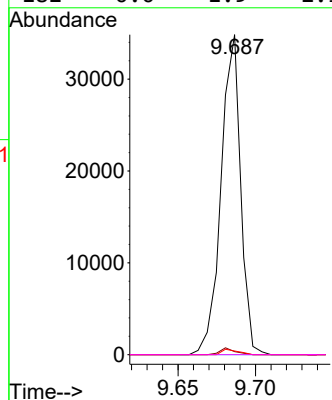
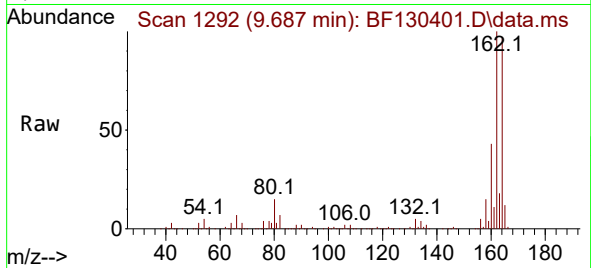




#57
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

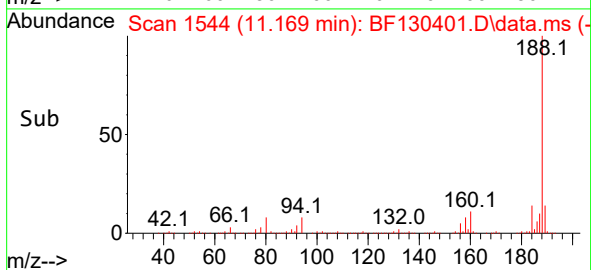
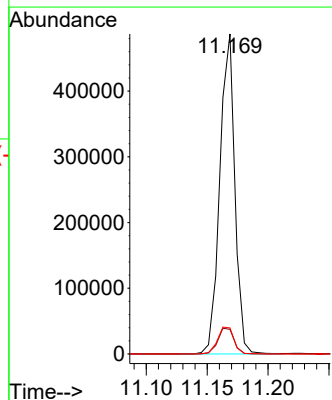
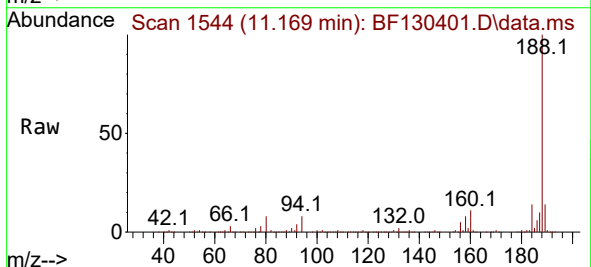
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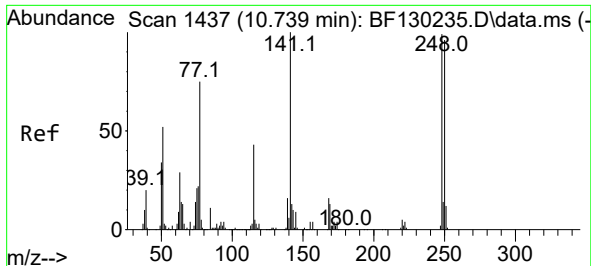
Tgt Ion:165 Resp: 30635
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion:188 Resp: 419572
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 8.1 7.9 11.9

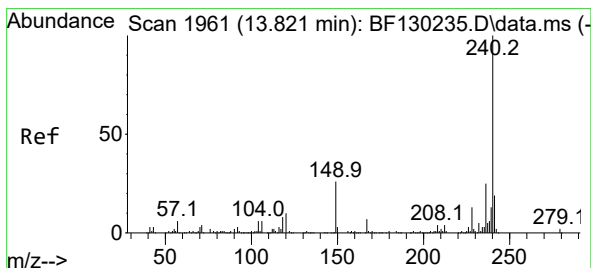
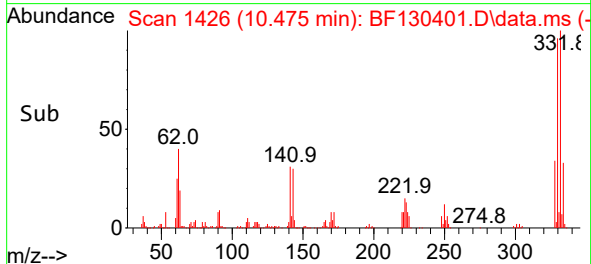
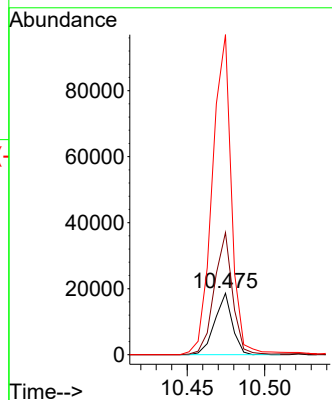
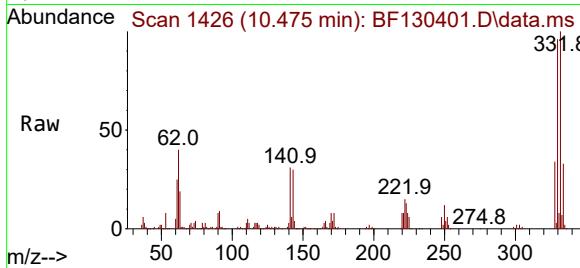




#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

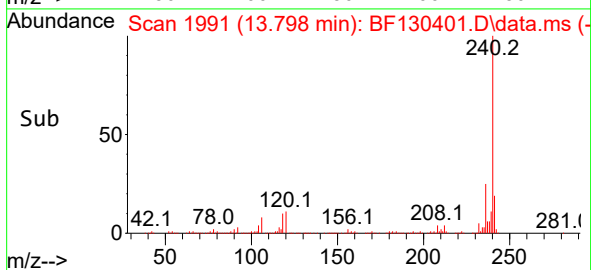
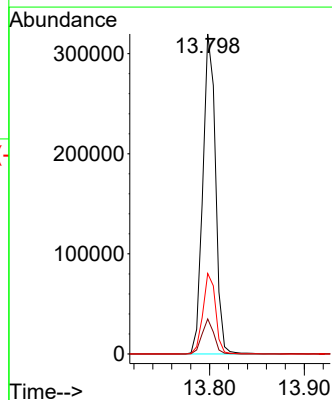
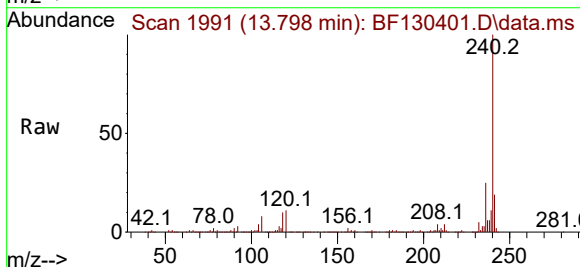
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PB147858BL

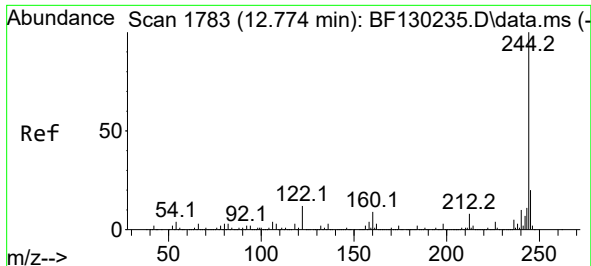
Tgt Ion:248 Resp: 14685
Ion Ratio Lower Upper
248 100
250 198.9 80.0 120.0#
141 521.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130401.D
Acq: 26 Sep 2022 10:38

Tgt Ion:240 Resp: 296294
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 25.2 20.9 31.3

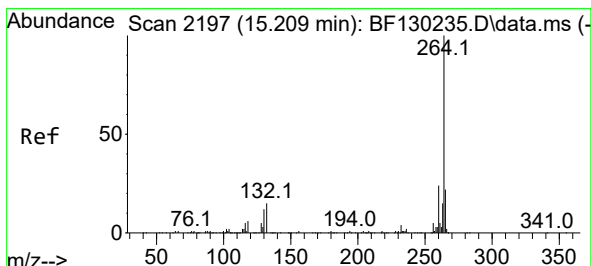
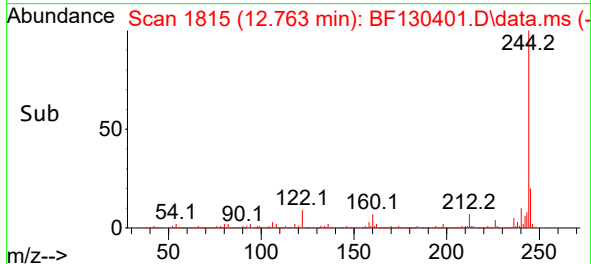
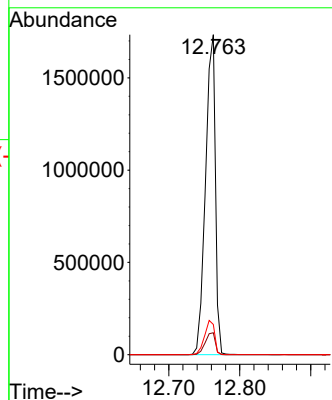
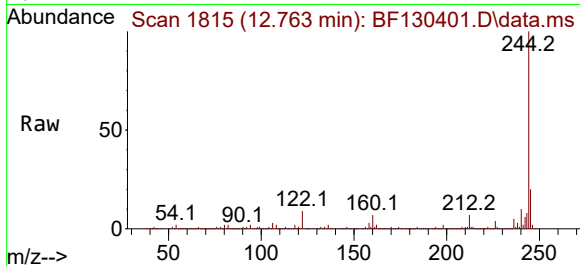




#79
 Terphenyl-d14
 Concen: 93.764 ng
 RT: 12.763 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130401.D
 Acq: 26 Sep 2022 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB147858BL

Tgt Ion:244 Resp: 1677145
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. 0.000 min
 Lab File: BF130401.D
 Acq: 26 Sep 2022 10:38

Tgt Ion:264 Resp: 225847
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.1 17.0 25.4

