

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130422.D
 Acq On : 27 Sep 2022 13:19
 Operator : CG\JU
 Sample : PB147890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147890BL

Quant Time: Sep 27 18:40:44 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)

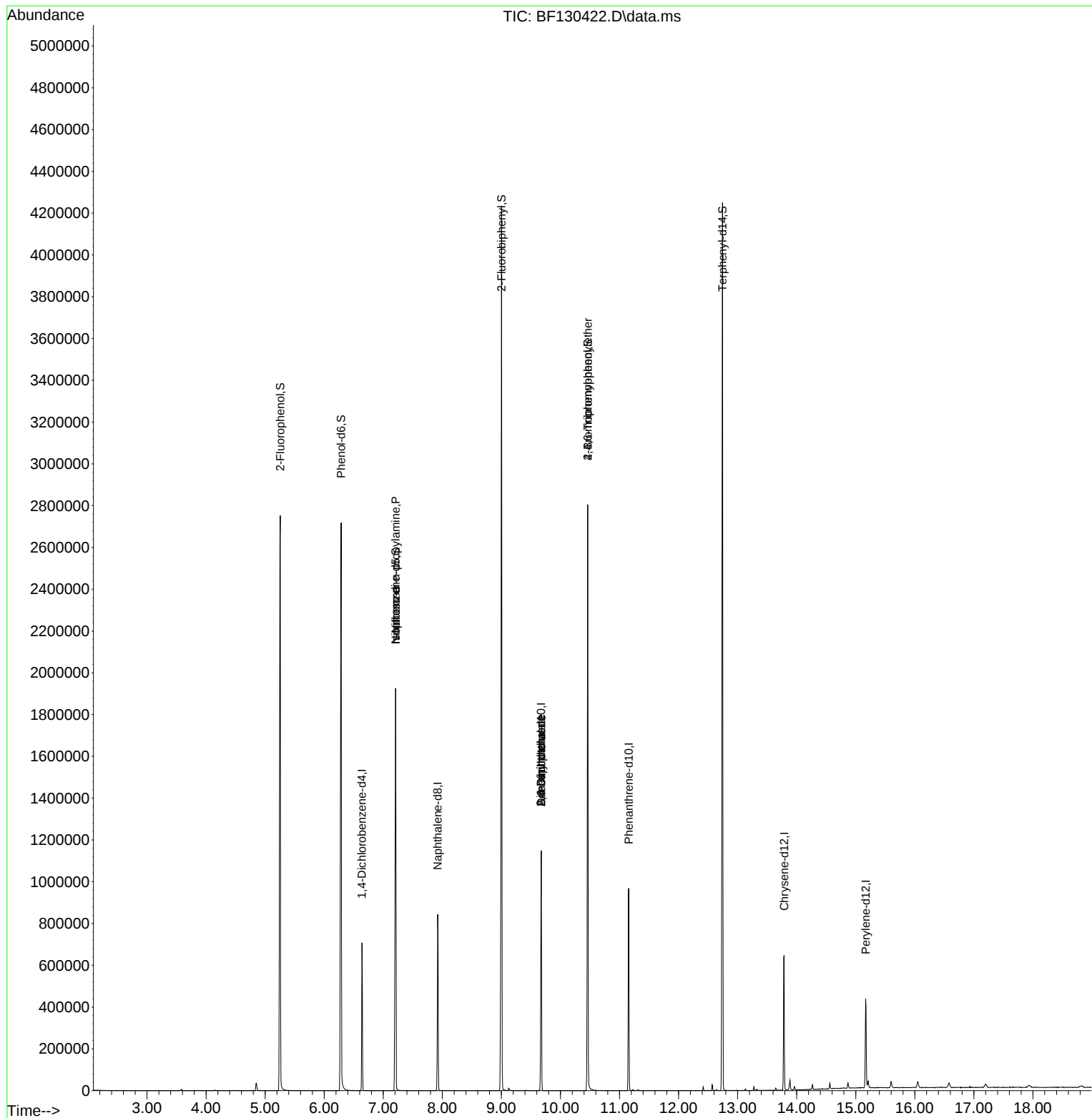
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	99767	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	405169	20.000	ng	-0.02
39) Acenaphthene-d10	9.675	164	221081	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	373030	20.000	ng	-0.01
76) Chrysene-d12	13.786	240	230018	20.000	ng	-0.02
86) Perylene-d12	15.168	264	180660	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	836788	145.477	ng	0.01
7) Phenol-d6	6.287	99	1023985	142.277	ng	0.00
23) Nitrobenzene-d5	7.210	82	656933	82.834	ng	-0.01
42) 2,4,6-Tribromophenol	10.463	330	331472	156.474	ng	-0.02
45) 2-Fluorobiphenyl	9.004	172	1311630	86.393	ng	-0.01
79) Terphenyl-d14	12.745	244	1410412	101.572	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	89510	18.431	ng	# 71
25) Isophorone	7.210	82	656924	51.393	ng	# 66
50) Dimethylphthalate	9.675	163	40643	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	27166	8.506	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	27166	6.655	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	19645	4.774	ng	# 1

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

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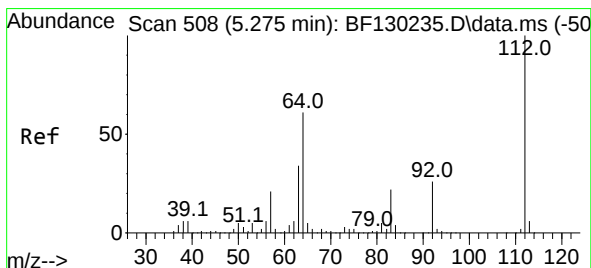
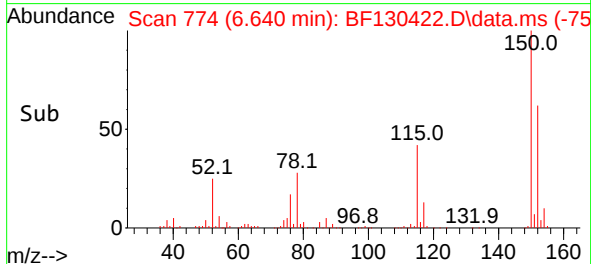
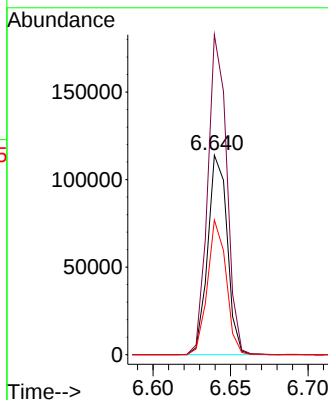
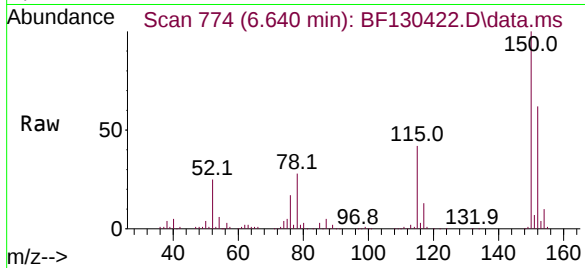




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

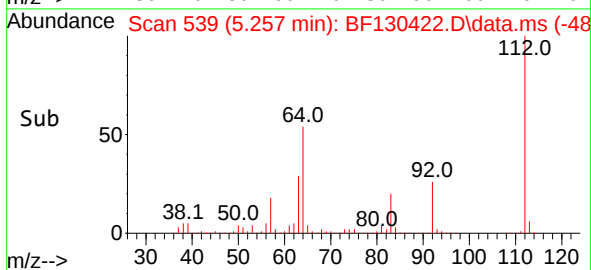
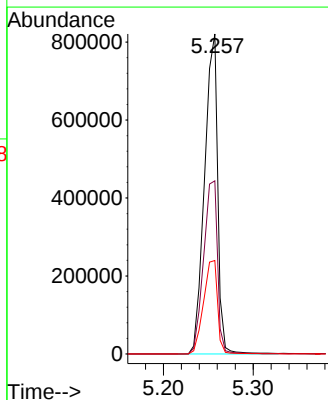
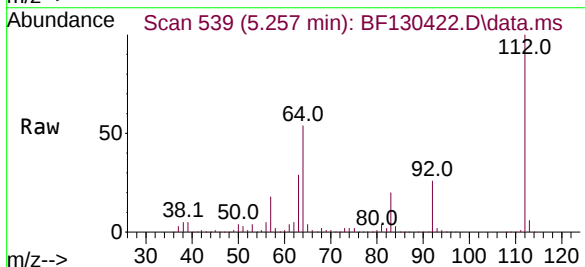
Instrument :
BNA_F
ClientSampleId :
PB147890BL

Tgt Ion:152 Resp: 99767
Ion Ratio Lower Upper
152 100
150 160.4 122.8 184.2
115 67.5 53.8 80.8



#5
2-Fluorophenol
Concen: 145.477 ng
RT: 5.257 min Scan# 539
Delta R.T. 0.012 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:112 Resp: 836788
Ion Ratio Lower Upper
112 100
64 54.1 51.4 77.0
63 29.2 28.8 43.2

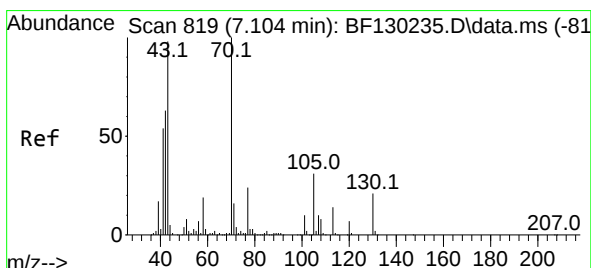
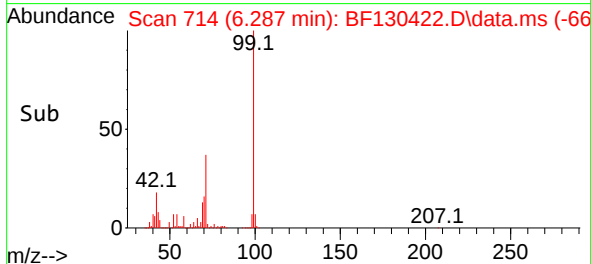
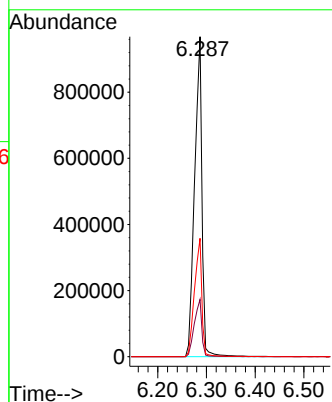
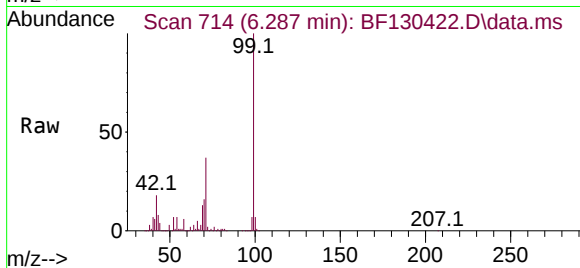




#7
Phenol-d6
Concen: 142.277 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

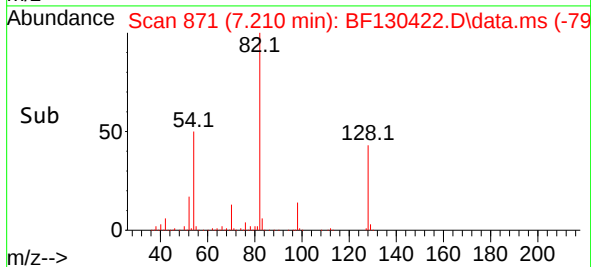
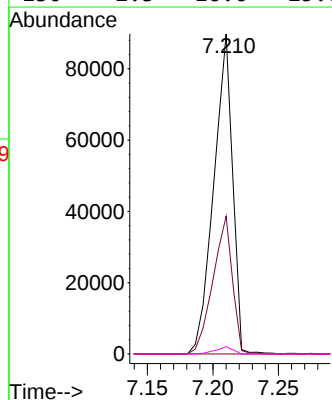
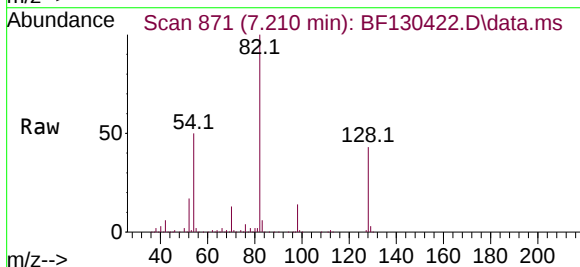
Instrument :
BNA_F
ClientSampleId :
PB147890BL

Tgt Ion: 99 Resp: 1023985
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.431 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.135 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

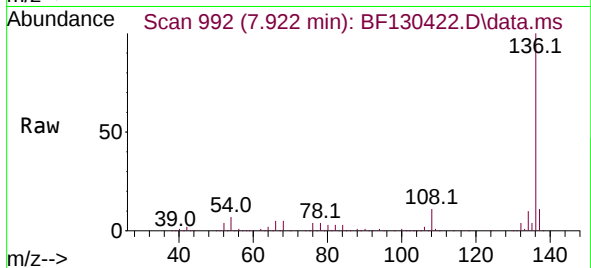
Tgt Ion: 70 Resp: 89510
Ion Ratio Lower Upper
70 100
42 43.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#



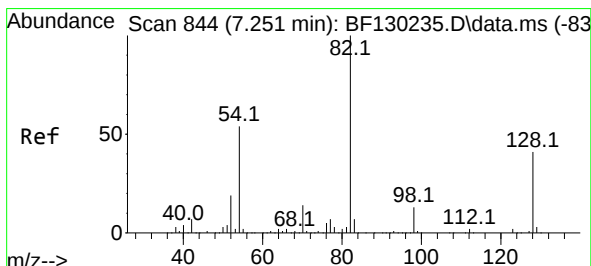
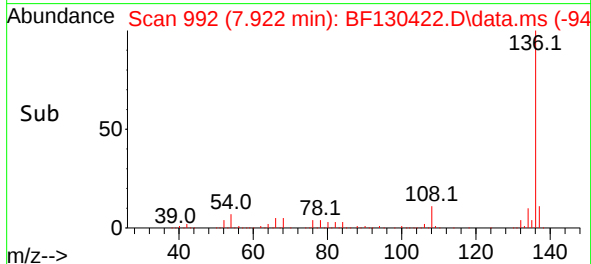
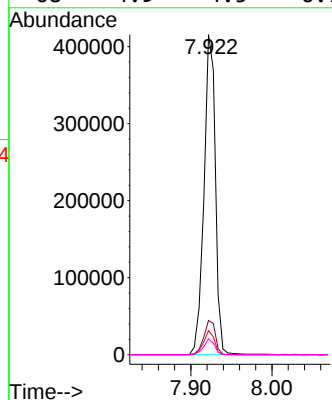


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Instrument :
BNA_F
ClientSampleId :
PB147890BL

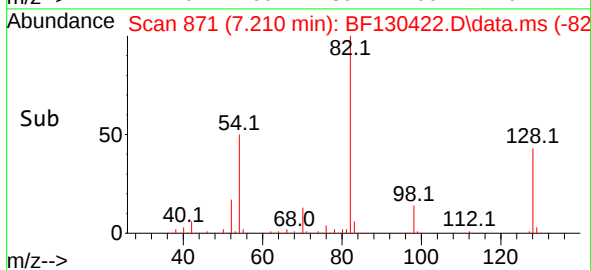
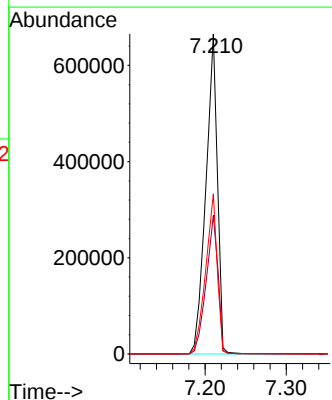
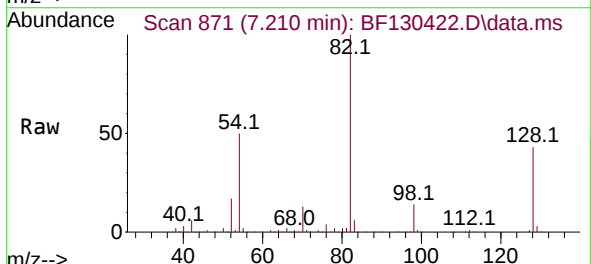


Tgt Ion:136 Resp: 405169
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.5 7.1 10.7
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.834 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion: 82 Resp: 656933
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.0 43.8 65.6

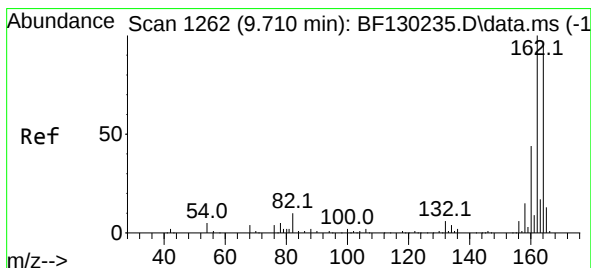
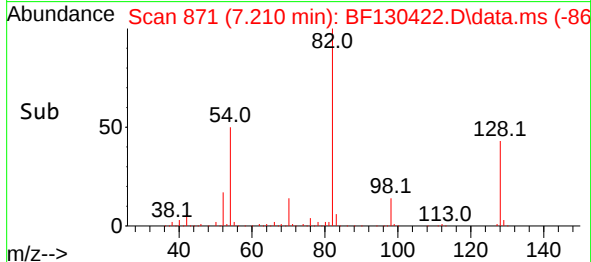
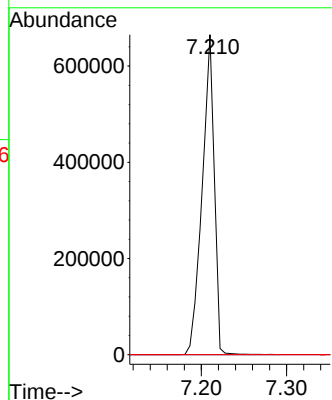
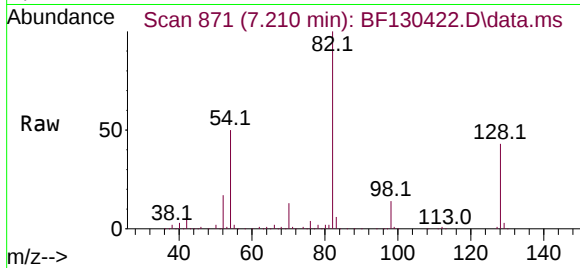




#25
Isophorone
Concen: 51.393 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

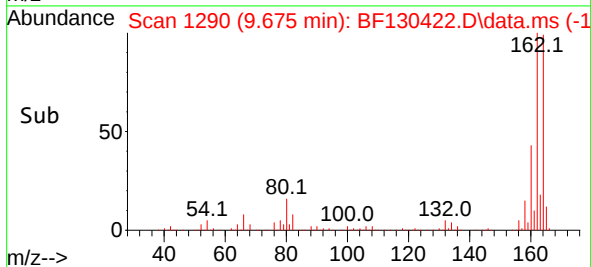
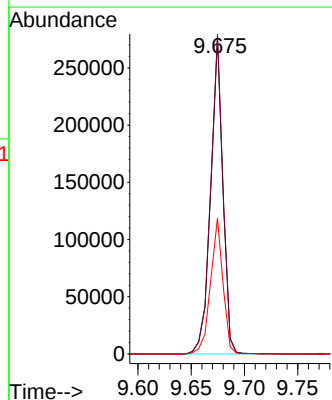
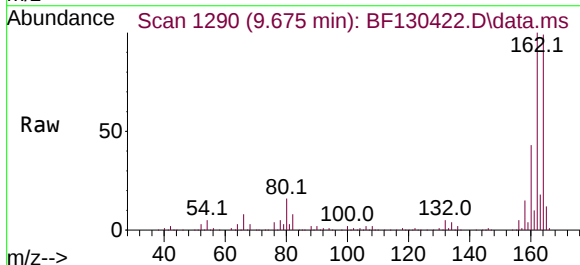
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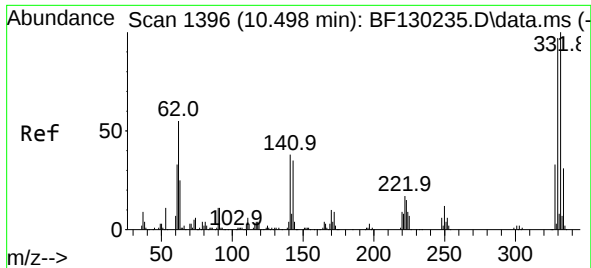
Tgt Ion: 82 Resp: 656924
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:164 Resp: 221081
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.0 36.2 54.4

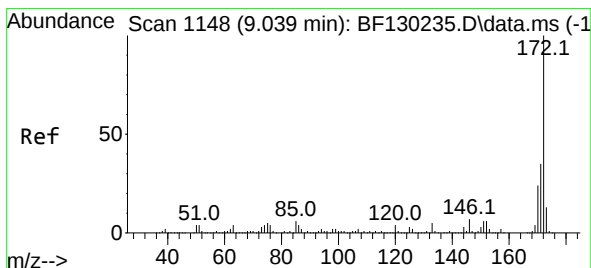
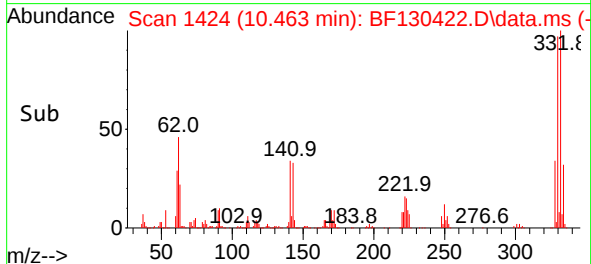
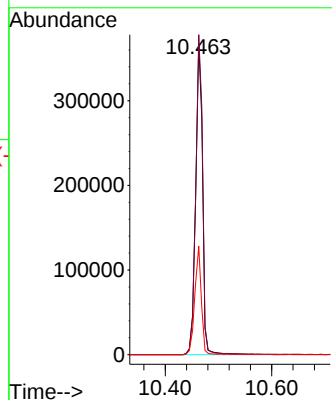
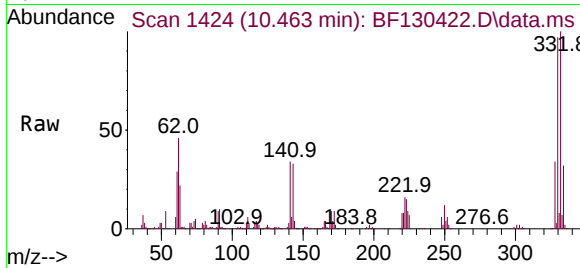




#42
2,4,6-Tribromophenol
Concen: 156.474 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

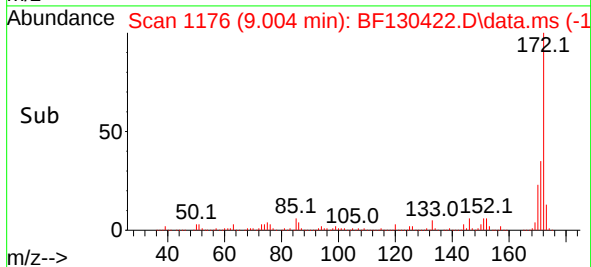
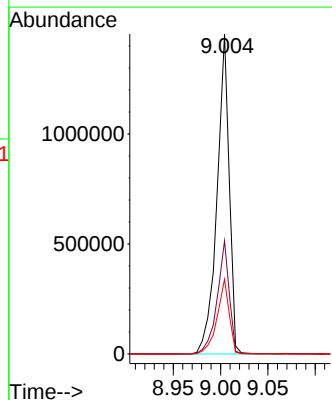
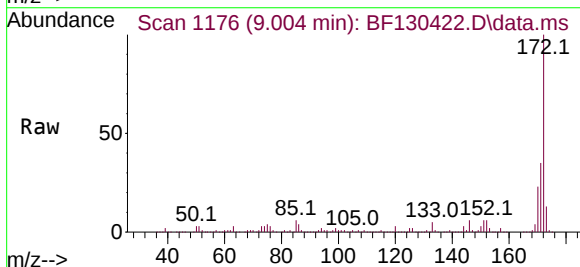
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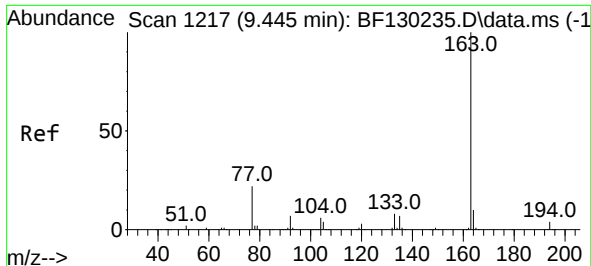
Tgt Ion: 330 Resp: 331472
Ion Ratio Lower Upper
330 100
332 103.2 83.4 125.2
141 33.3 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 86.393 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion: 172 Resp: 1311630
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.7 28.1

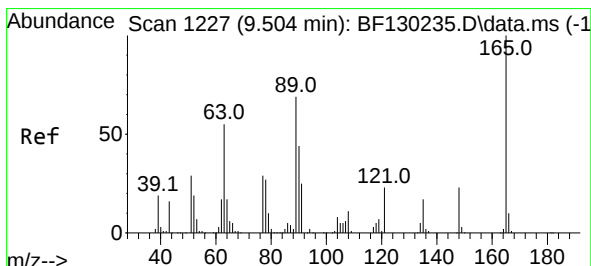
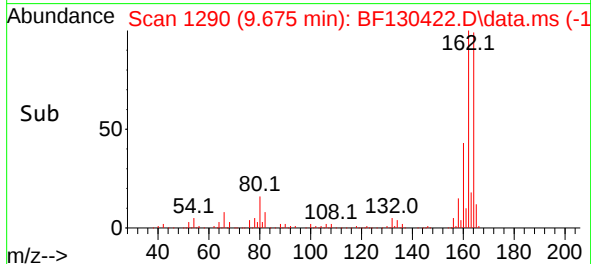
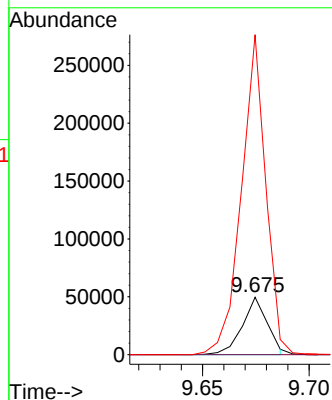
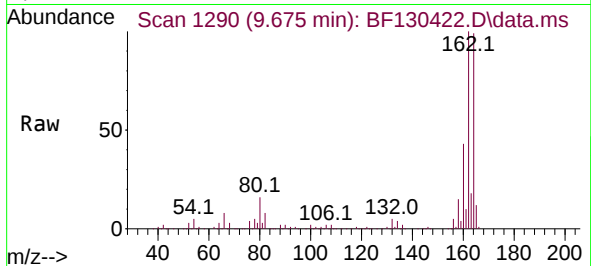




#50
Dimethylphthalate
Concen: 2.661 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.253 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

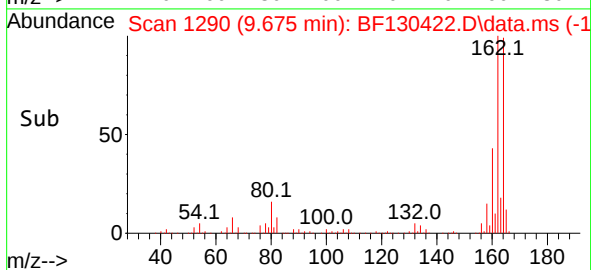
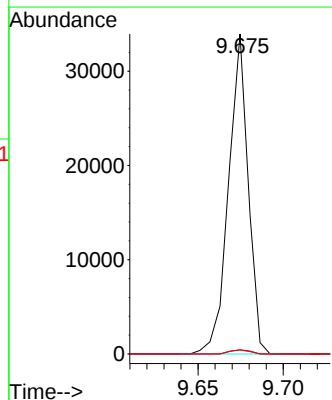
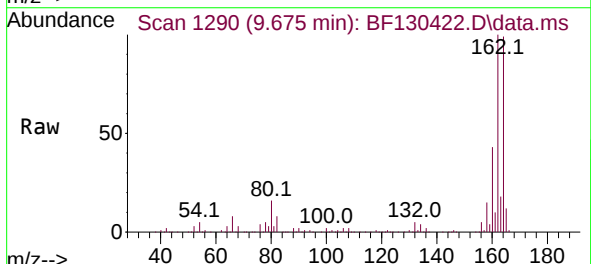
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ClientSampleId :
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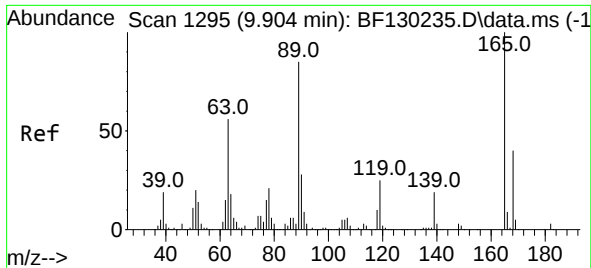
Tgt Ion:163 Resp: 40643
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 557.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.188 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:165 Resp: 27166
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.3 54.5 81.7#

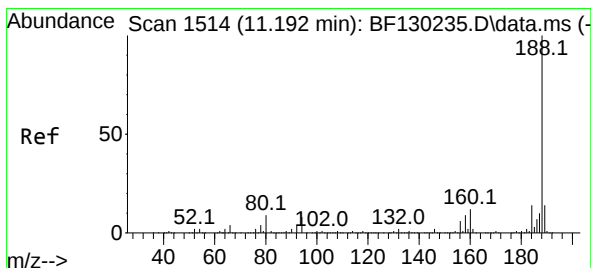
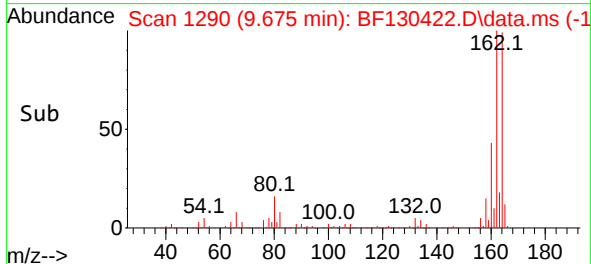
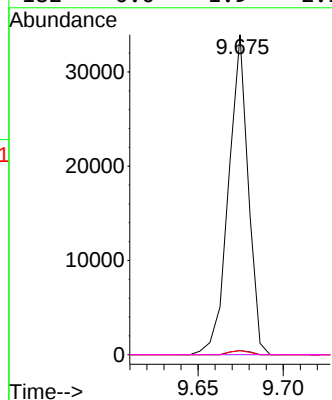
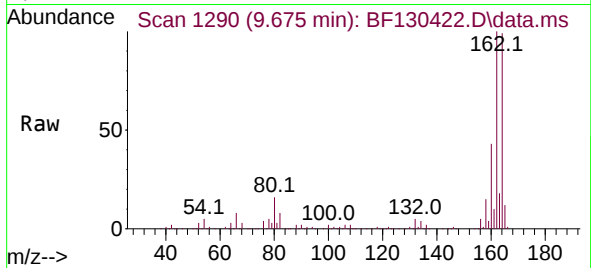




#57
2,4-Dinitrotoluene
Concen: 6.655 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

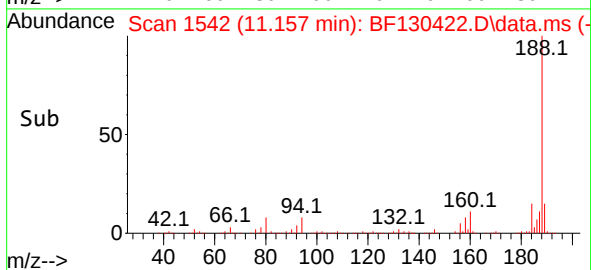
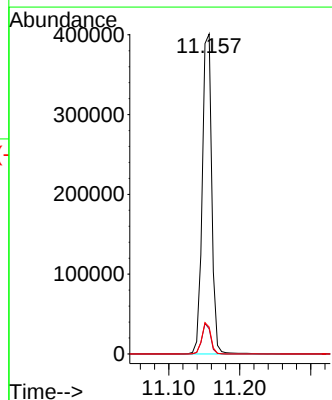
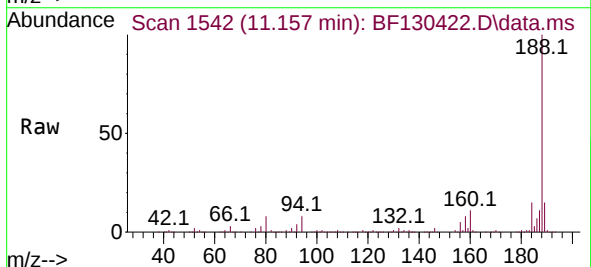
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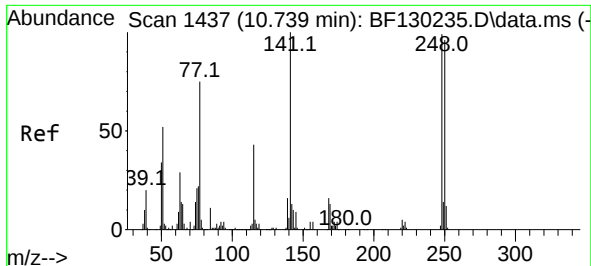
Tgt Ion:165 Resp: 27166
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:188 Resp: 373030
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.4 7.9 11.9

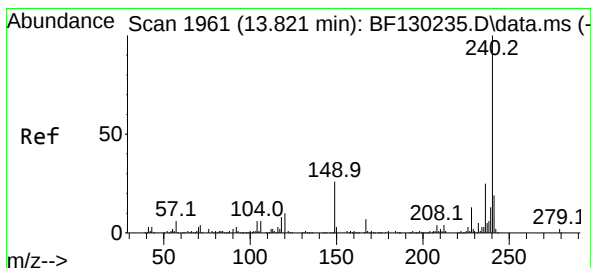
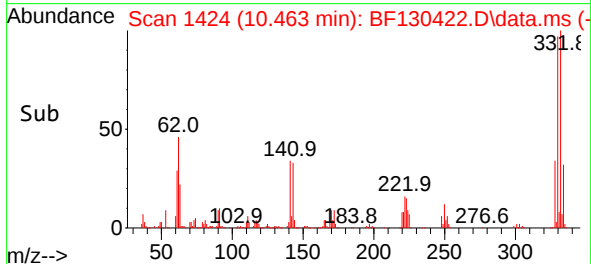
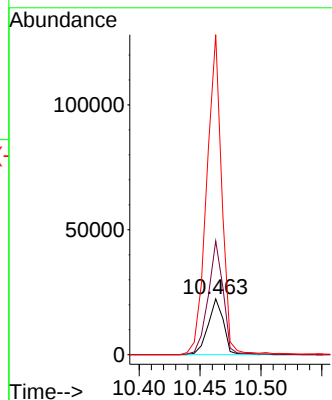
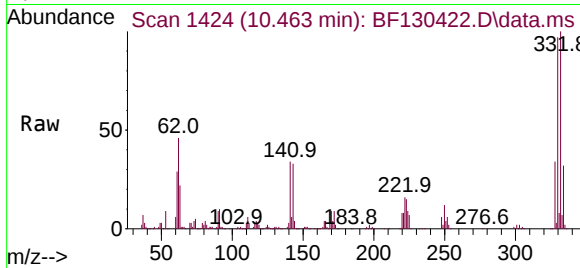




#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.259 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

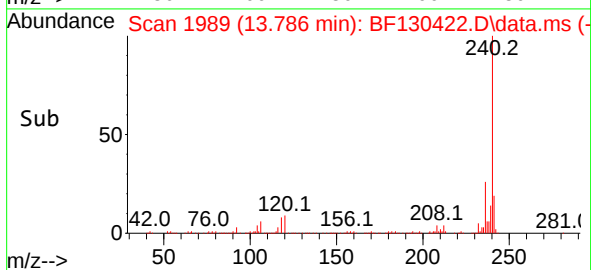
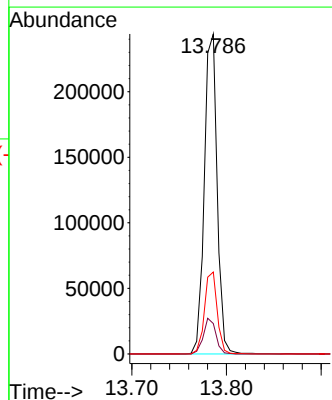
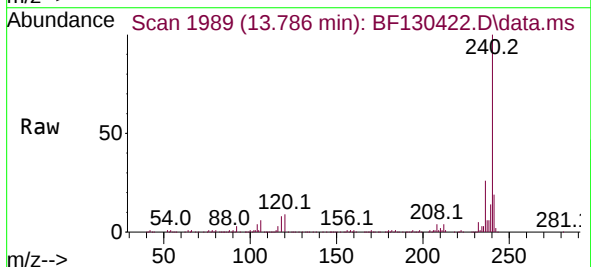
Instrument :
BNA_F
ClientSampleId :
PB147890BL

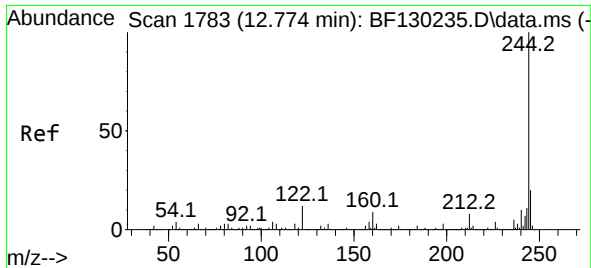
Tgt Ion:248 Resp: 19645
Ion Ratio Lower Upper
248 100
250 203.5 80.0 120.0#
141 572.3 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF130422.D
Acq: 27 Sep 2022 13:19

Tgt Ion:240 Resp: 230018
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 25.6 20.9 31.3

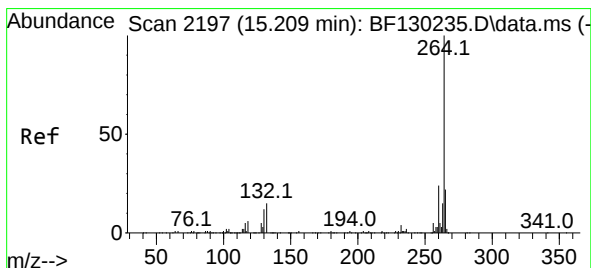
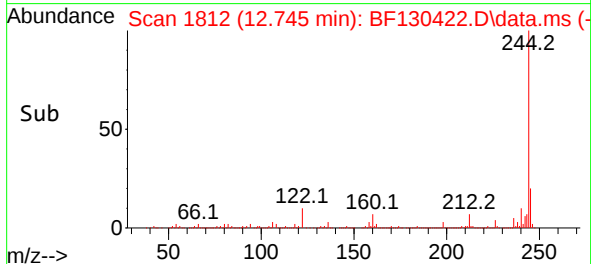
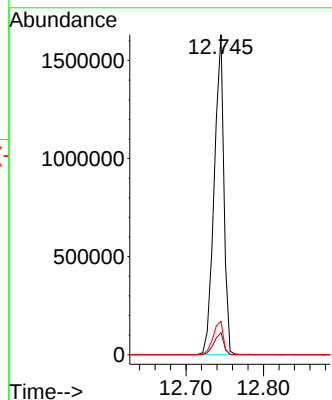
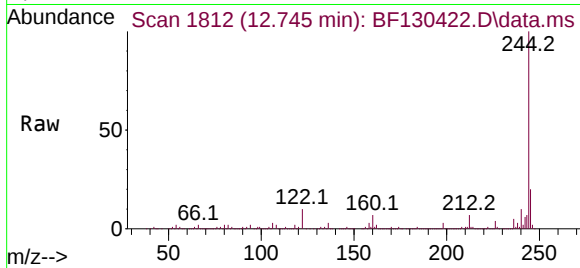




#79
 Terphenyl-d14
 Concen: 101.572 ng
 RT: 12.745 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130422.D
 Acq: 27 Sep 2022 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB147890BL

Tgt Ion:244 Resp: 1410412
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.024 min
 Lab File: BF130422.D
 Acq: 27 Sep 2022 13:19

Tgt Ion:264 Resp: 180660
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 20.8 17.0 25.4

