

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130514.D
 Acq On : 04 Oct 2022 13:01
 Operator : CG\JU
 Sample : PB148020TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 02:15:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

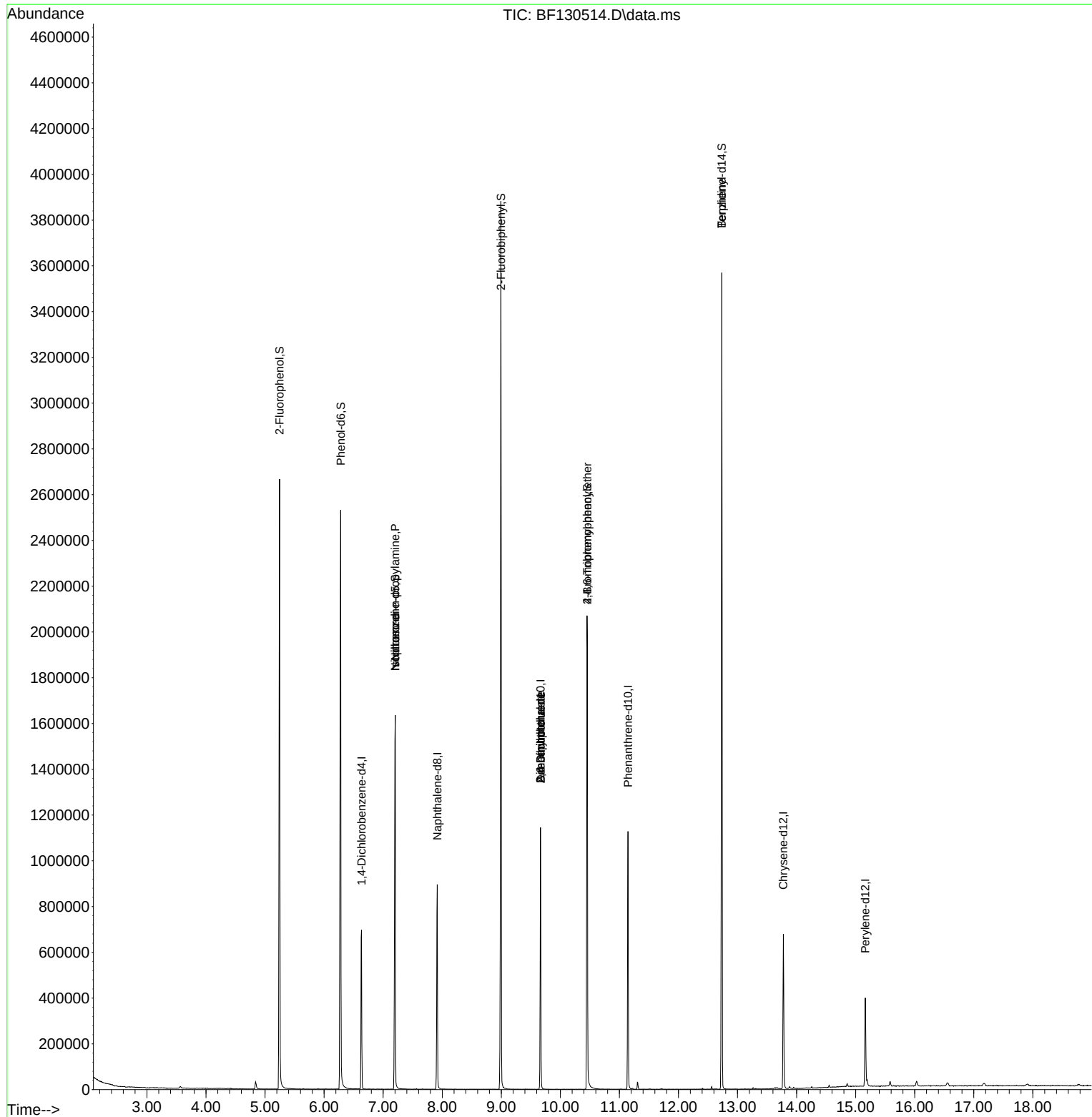
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	102349	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	413794	20.000	ng	-0.01
39) Acenaphthene-d10	9.663	164	221007	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	390849	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	223441	20.000	ng	-0.02
86) Perylene-d12	15.163	264	171574	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	714353	121.058	ng	0.00
7) Phenol-d6	6.281	99	917561	124.274	ng	-0.01
23) Nitrobenzene-d5	7.204	82	597450	73.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	263751	124.548	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	1135659	74.827	ng	-0.02
79) Terphenyl-d14	12.733	244	1184540	87.816	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	82092	16.477	ng	# 74
25) Isophorone	7.204	82	591094	45.279	ng	# 66
50) Dimethylphthalate	9.663	163	40973	2.684	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	29037	9.095	ng	# 16
57) 2,4-Dinitrotoluene	9.663	165	29037	7.116	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	15750	3.653	ng	# 1
77) Benzidine	12.733	184	17602	2.714	ng	# 92

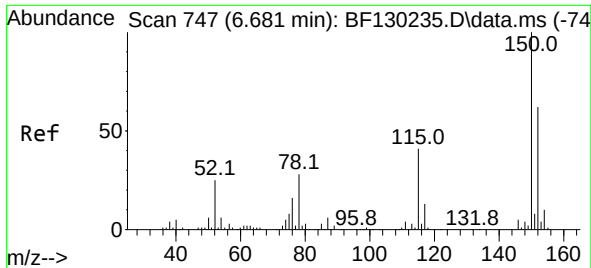
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
Data File : BF130514.D
Acq On : 04 Oct 2022 13:01
Operator : CG\JU
Sample : PB148020TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

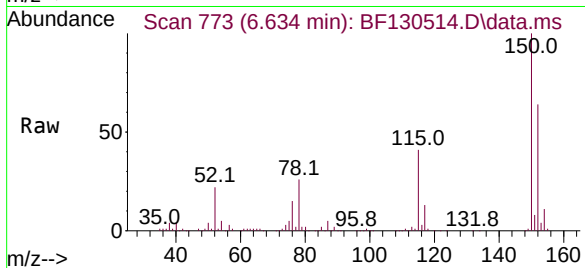
Quant Time: Oct 05 02:15:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration



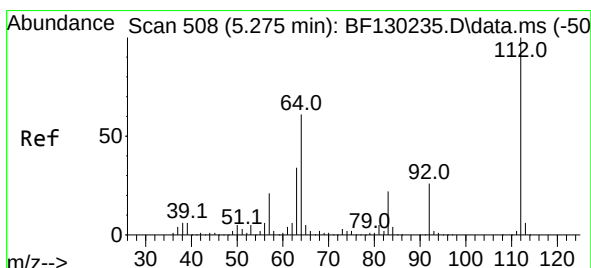
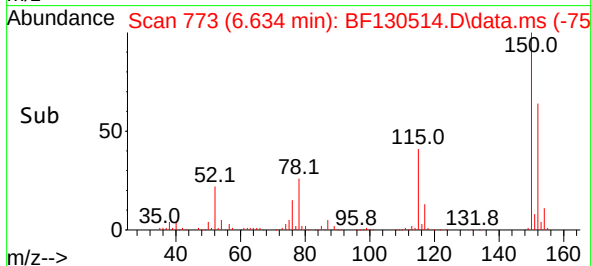
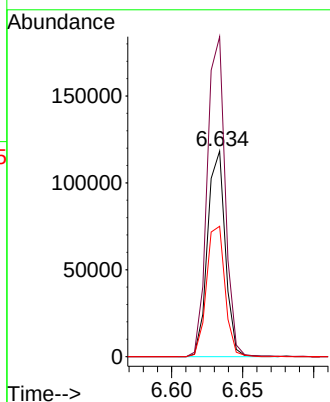


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :

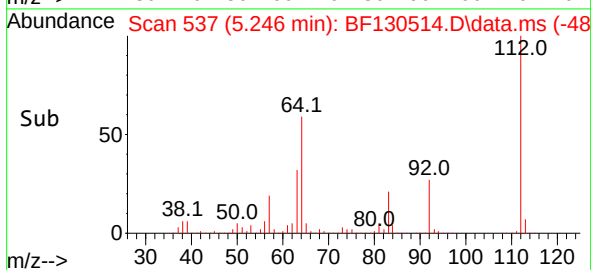
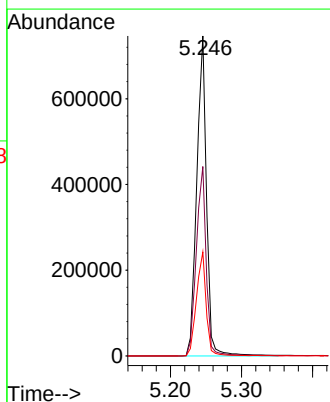
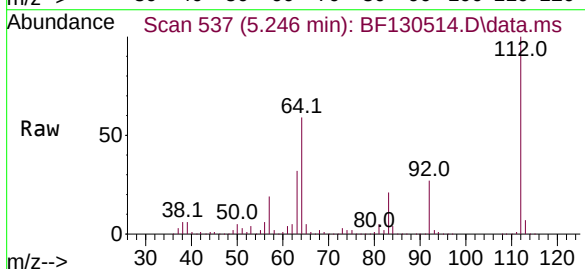


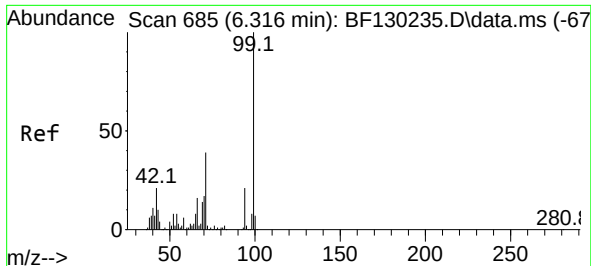
Tgt Ion:152 Resp: 102349
Ion Ratio Lower Upper
152 100
150 155.7 122.8 184.2
115 63.4 53.8 80.8



#5
2-Fluorophenol
Concen: 121.058 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Tgt Ion:112 Resp: 714353
Ion Ratio Lower Upper
112 100
64 59.2 51.4 77.0
63 32.5 28.8 43.2

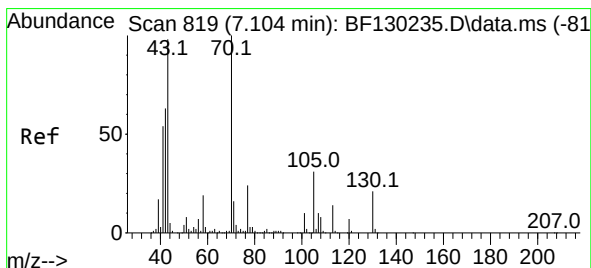
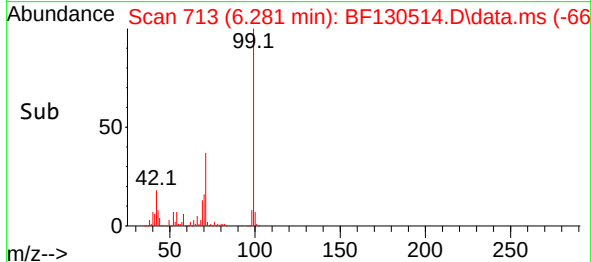
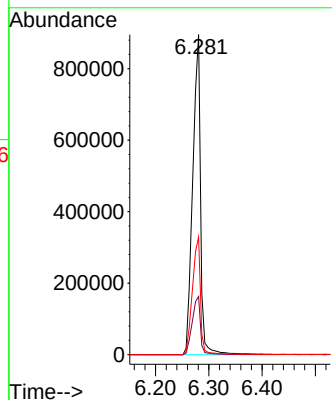
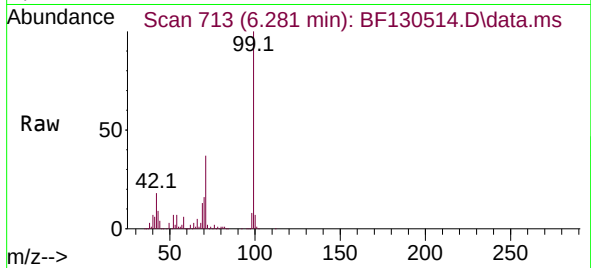




#7
Phenol-d6
Concen: 124.274 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

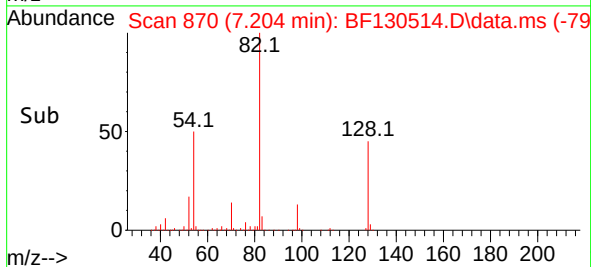
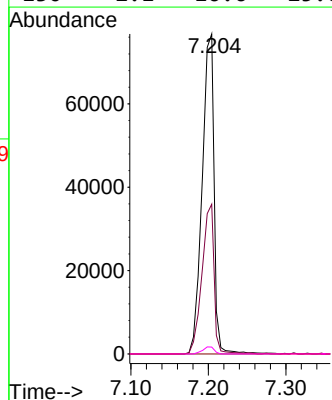
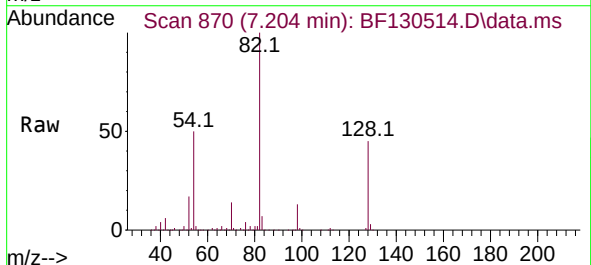
Instrument :
BNA_F
ClientSampleId :

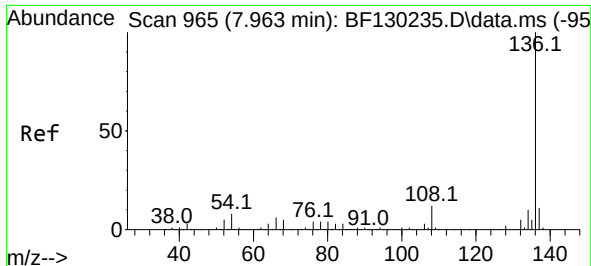
Tgt Ion: 99 Resp: 917561
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 36.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.477 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

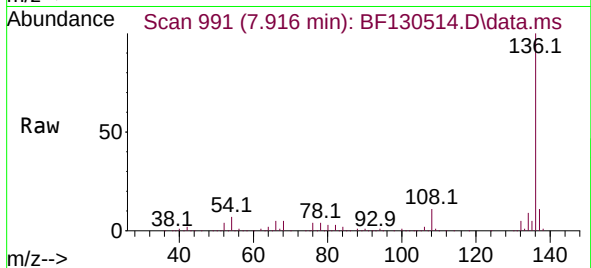
Tgt Ion: 70 Resp: 82092
Ion Ratio Lower Upper
70 100
42 46.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



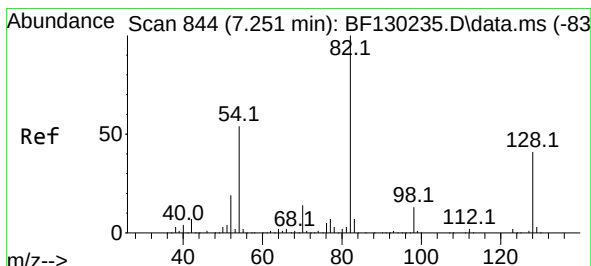
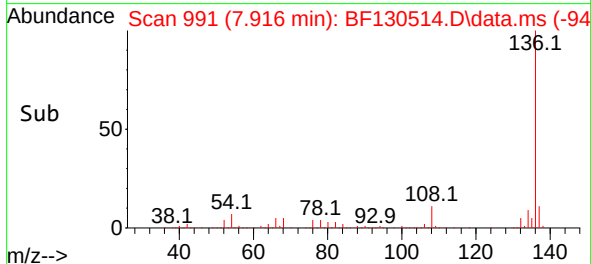
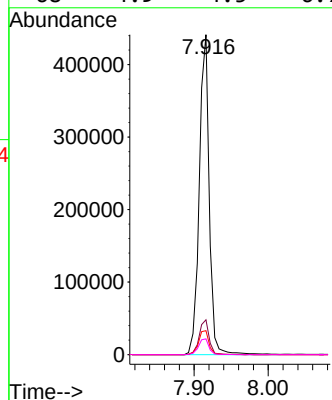


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :

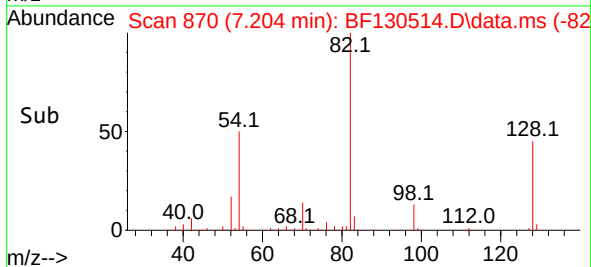
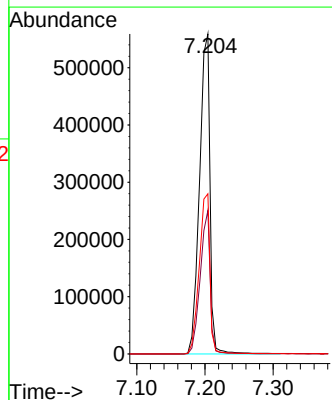
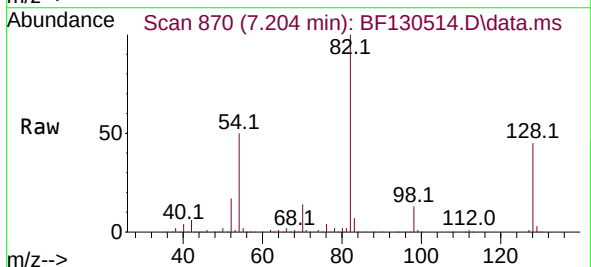


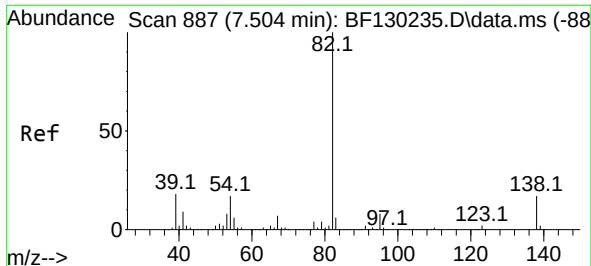
Tgt Ion:136 Resp: 413794
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.5 7.1 10.7
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 73.763 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

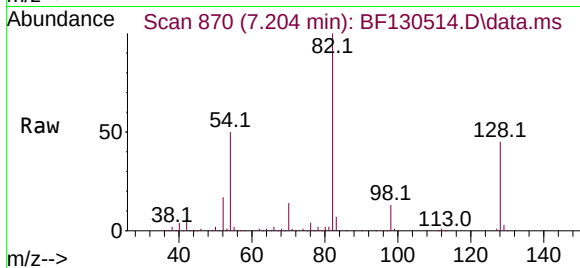
Tgt Ion: 82 Resp: 597450
Ion Ratio Lower Upper
82 100
128 44.8 32.6 49.0
54 50.0 43.8 65.6



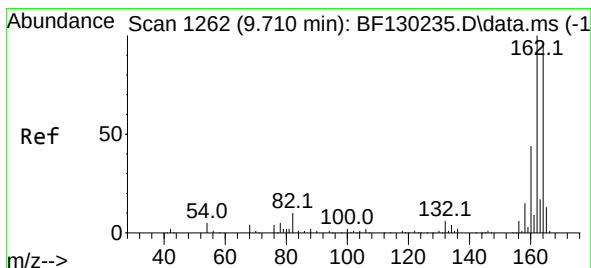
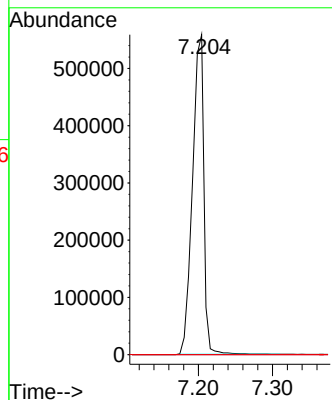
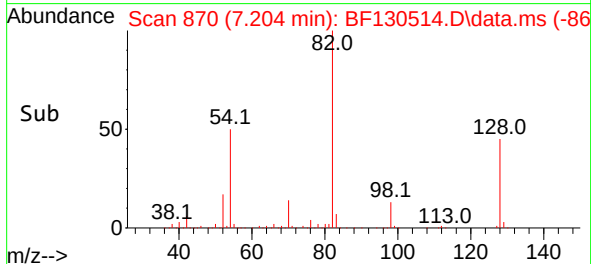


#25
Isophorone
Concen: 45.279 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :

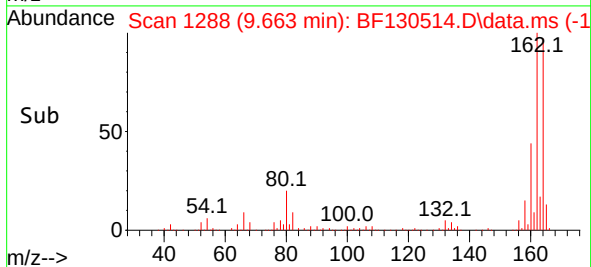
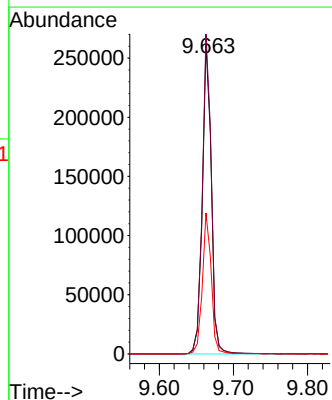
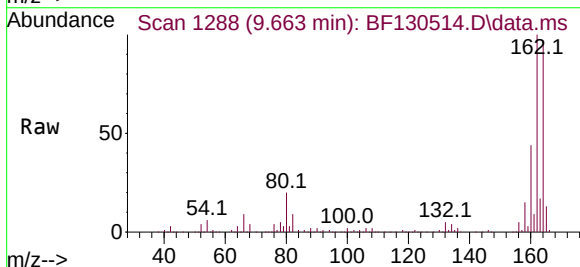


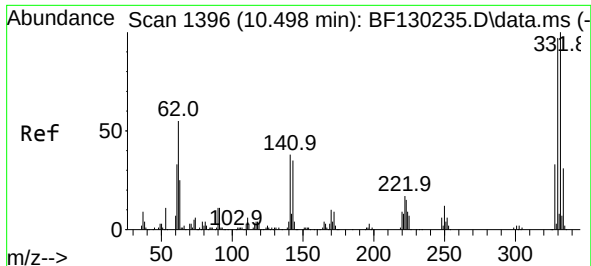
Tgt Ion: 82 Resp: 591094
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.018 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

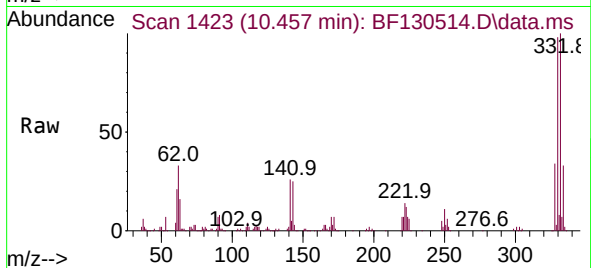
Tgt Ion: 164 Resp: 221007
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.4 36.2 54.4



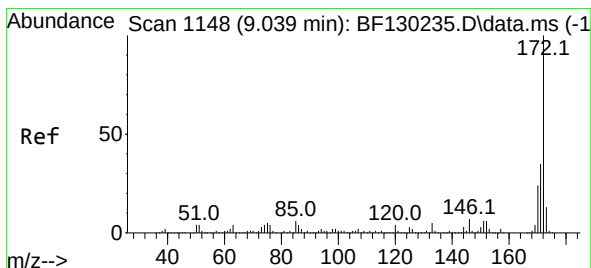
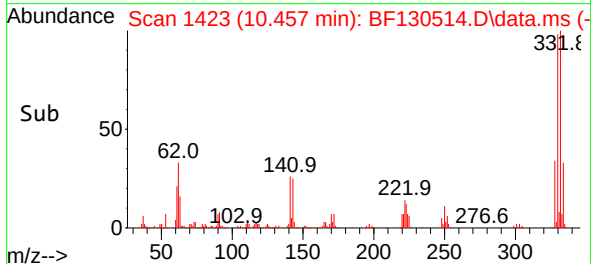
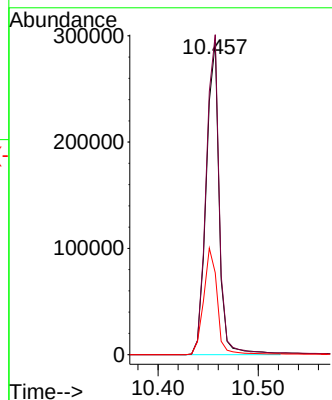


#42
2,4,6-Tribromophenol
Concen: 124.548 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :

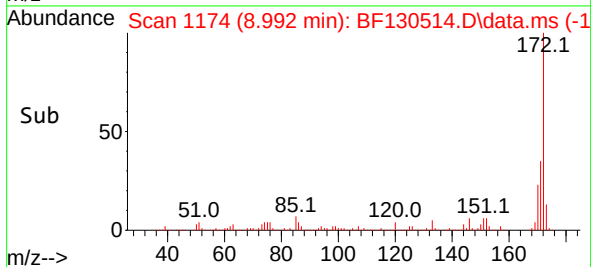
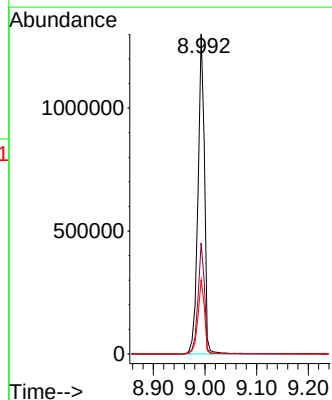
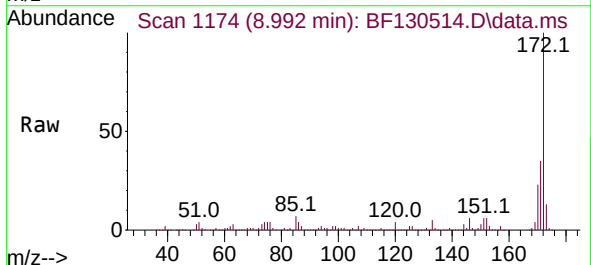


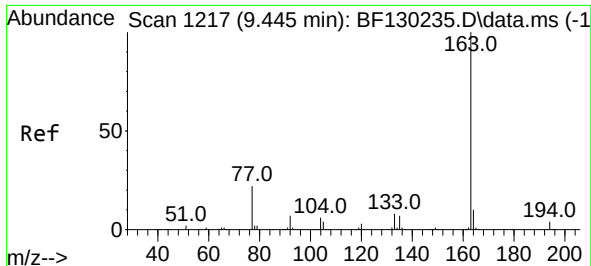
Tgt Ion:330 Resp: 263751
Ion Ratio Lower Upper
330 100
332 105.3 83.4 125.2
141 36.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 74.827 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Tgt Ion:172 Resp: 1135659
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 18.7 28.1

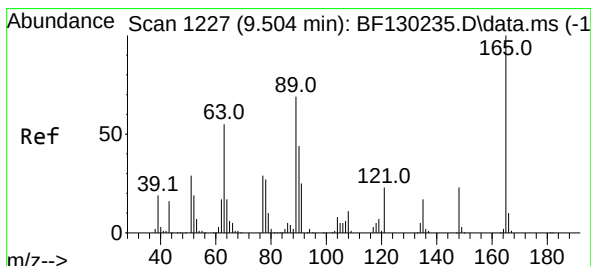
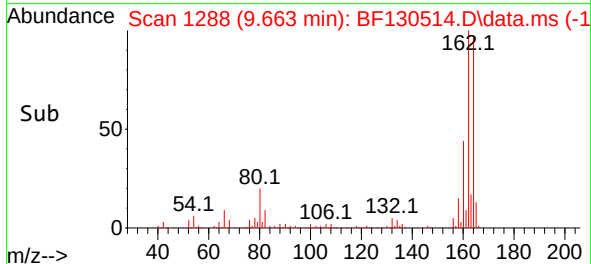
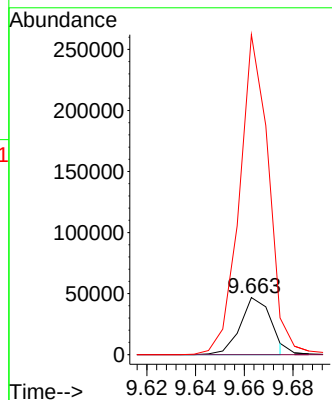
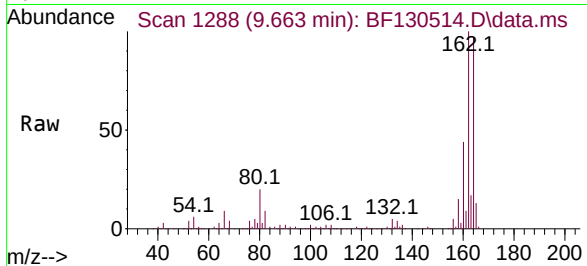




#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.247 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

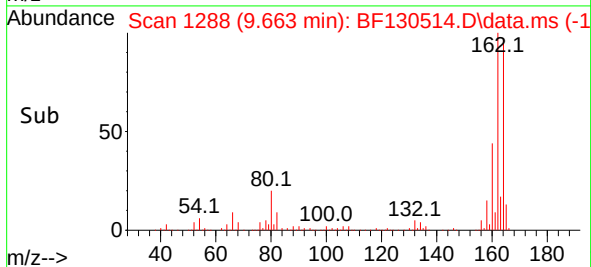
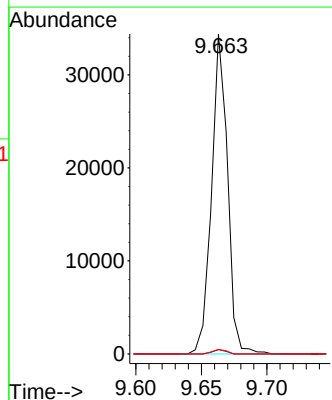
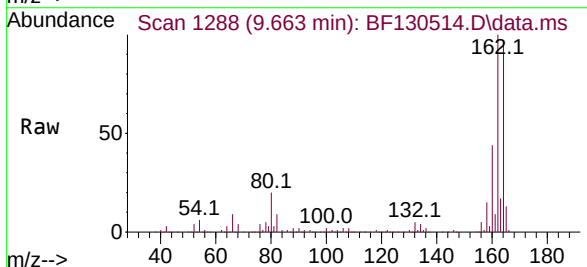
Instrument :
BNA_F
ClientSampleId :

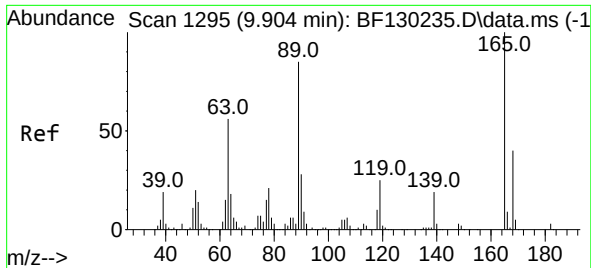
Tgt Ion:163 Resp: 40973
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 560.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.095 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.188 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

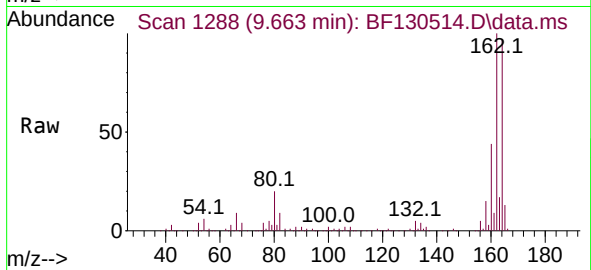
Tgt Ion:165 Resp: 29037
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.4 54.5 81.7#



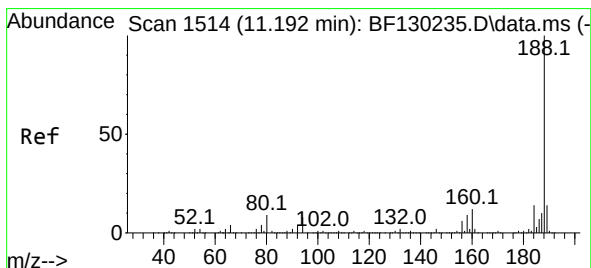
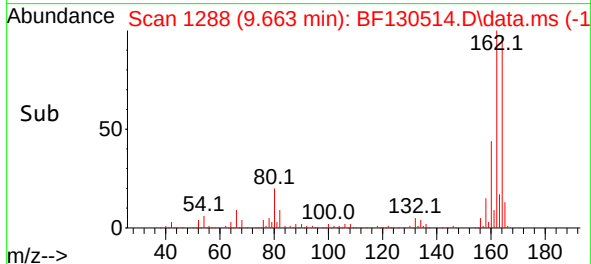
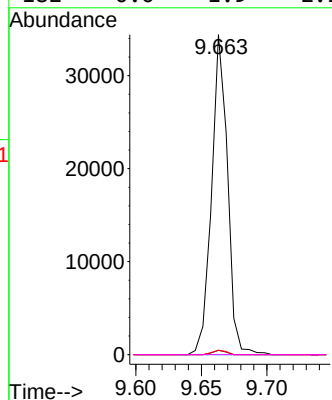


#57
2,4-Dinitrotoluene
Concen: 7.116 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :

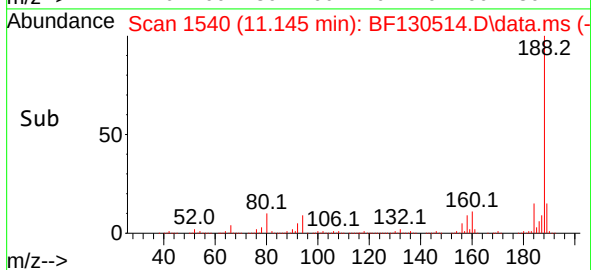
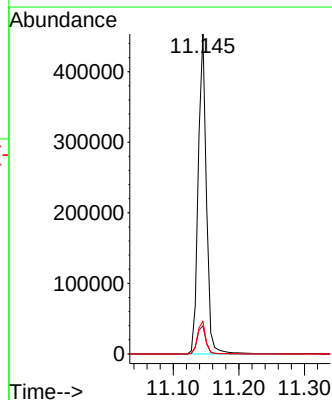
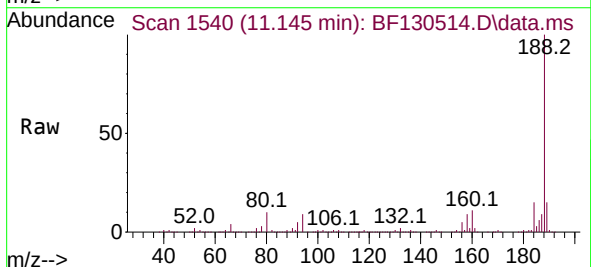


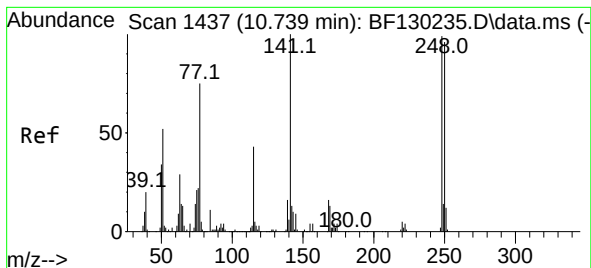
Tgt Ion:165 Resp: 29037
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

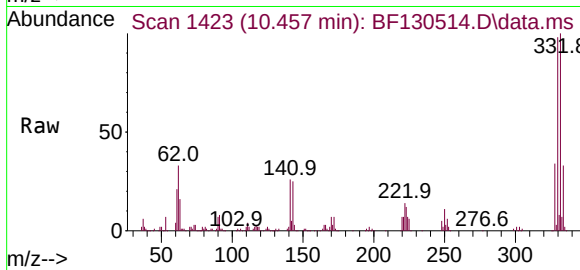
Tgt Ion:188 Resp: 390849
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 10.2 7.9 11.9



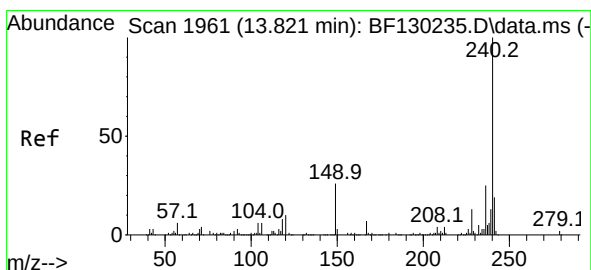
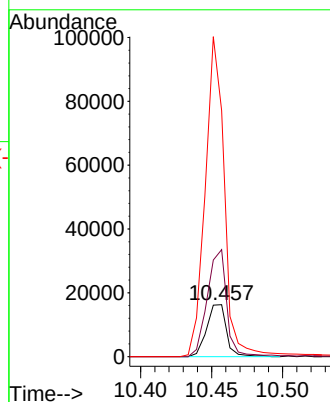
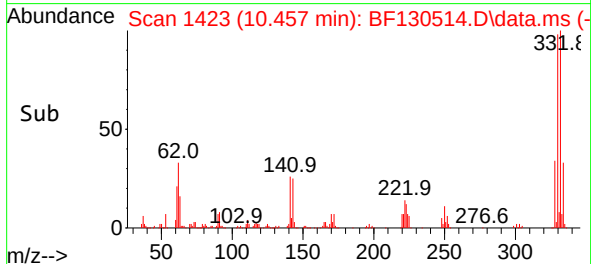


#67
4-Bromophenyl-phenylether
Concen: 3.653 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

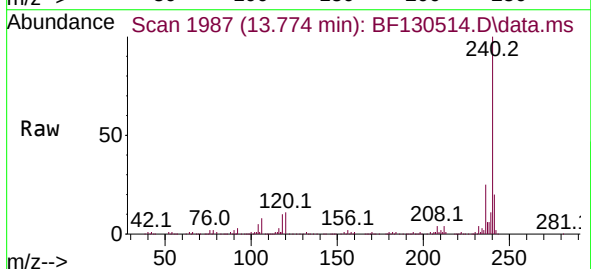
Instrument :
BNA_F
ClientSampleId :



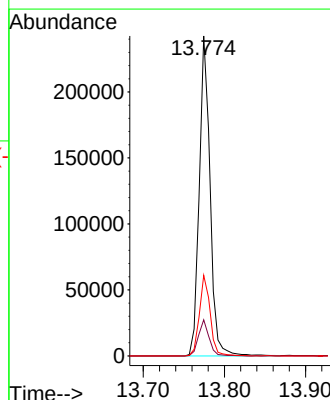
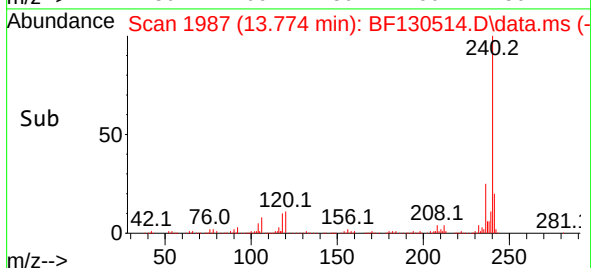
Tgt Ion:248 Resp: 15750
Ion Ratio Lower Upper
248 100
250 206.1 80.0 120.0#
141 473.9 68.5 102.7#

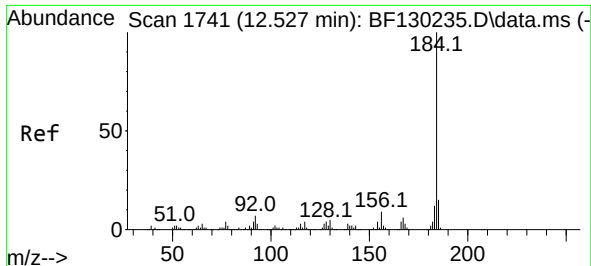


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01



Tgt Ion:240 Resp: 223441
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 25.2 20.9 31.3

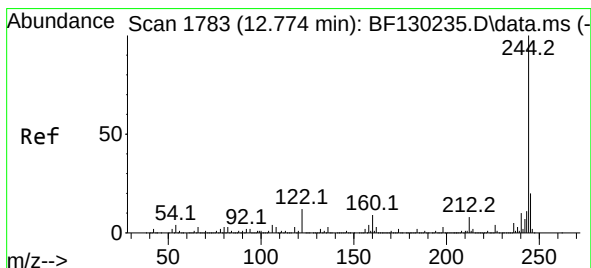
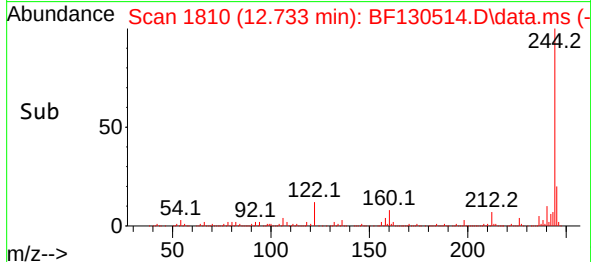
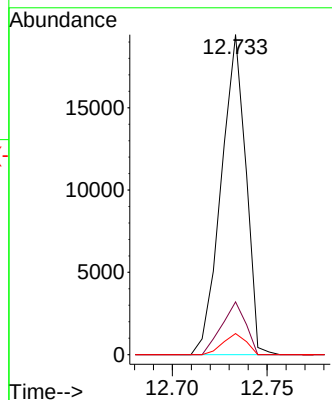
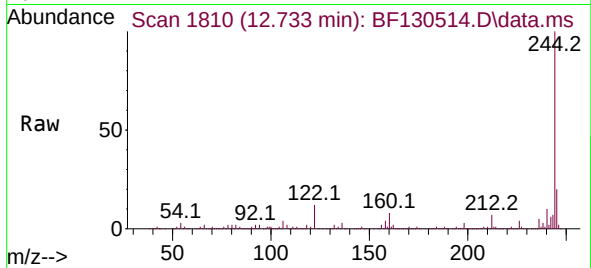




#77
Benzidine
Concen: 2.714 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.235 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

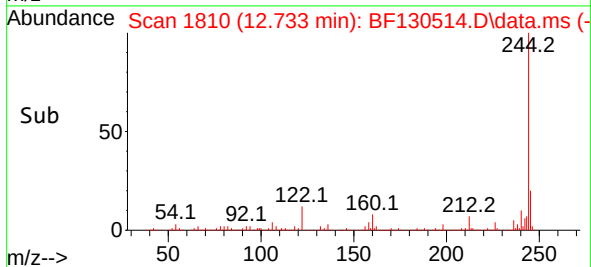
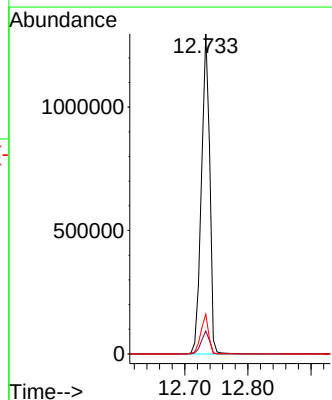
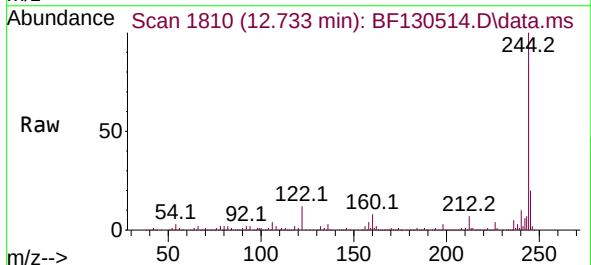
Instrument :
BNA_F
ClientSampleId :

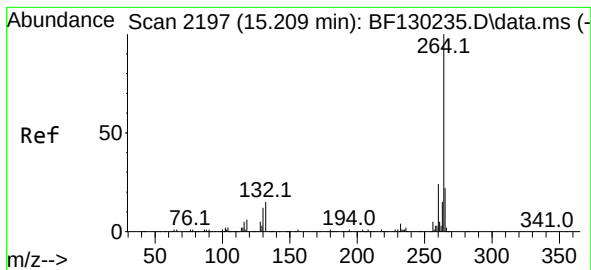
Tgt Ion:184 Resp: 17602
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 6.6 9.1 13.7#



#79
Terphenyl-d14
Concen: 87.816 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

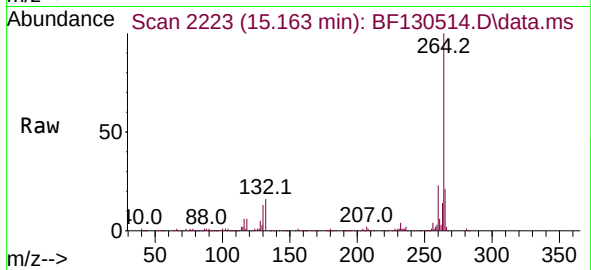
Tgt Ion:244 Resp: 1184540
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.4 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.163 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130514.D
Acq: 04 Oct 2022 13:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 171574

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.3	17.0	25.4

