

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130251.D
 Acq On : 14 Sep 2022 21:16
 Operator : CG\JU
 Sample : N4578-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-6

Quant Time: Sep 15 01:27:39 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 14 14:55:51 2022
 Response via : Initial Calibration

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

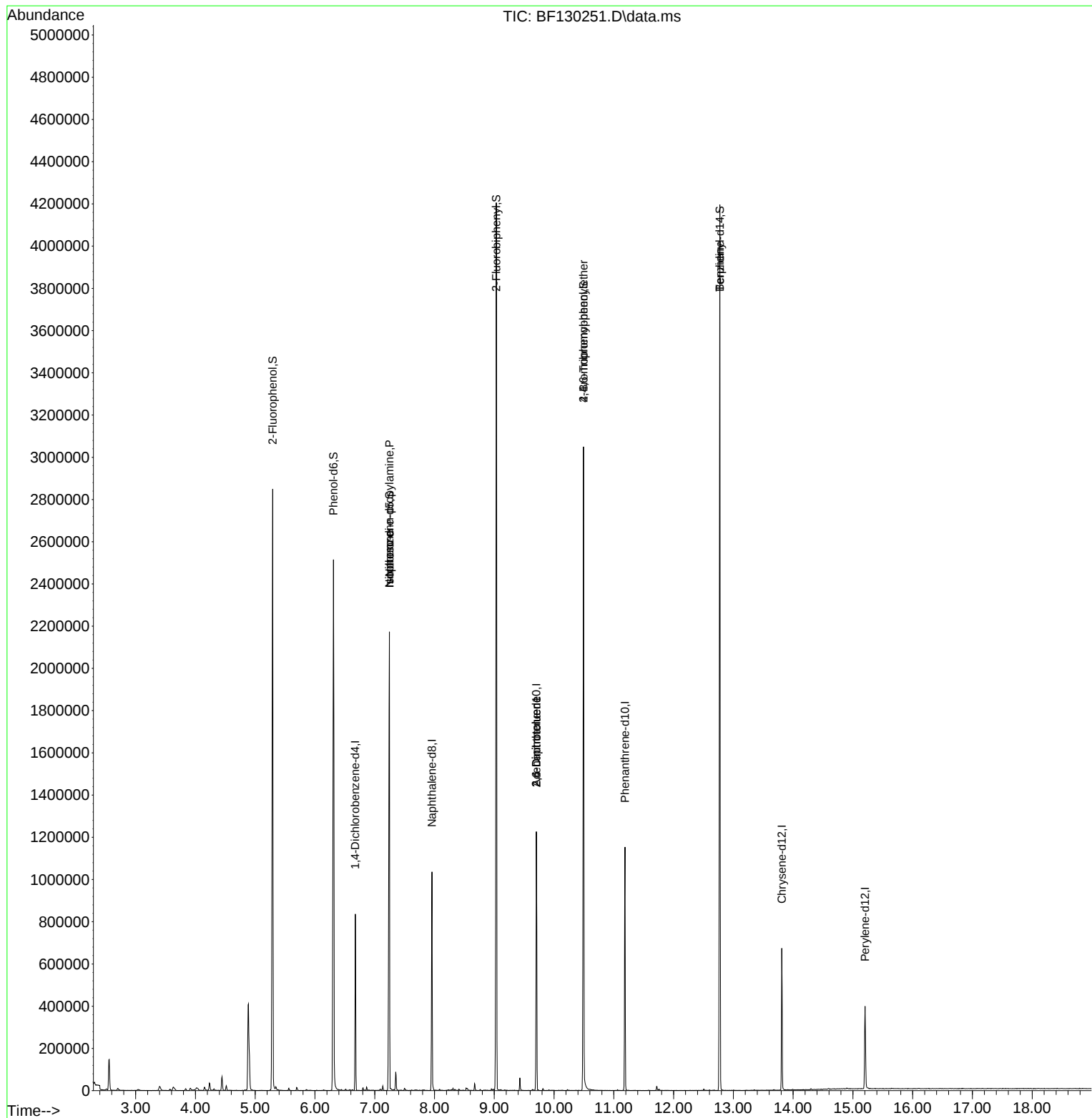
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	104799	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	418486	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	222861	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	371609	20.000	ng	0.00
76) Chrysene-d12	13.810	240	203537	20.000	ng	-0.01
86) Perylene-d12	15.204	264	160744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	788612	130.518	ng	0.02
7) Phenol-d6	6.310	99	917395	121.346	ng	0.00
23) Nitrobenzene-d5	7.245	82	719353	87.818	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	342902	160.577	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1282152	83.777	ng	0.00
79) Terphenyl-d14	12.775	244	1259173	102.478	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	100737	19.747	ng	# 74
25) Isophorone	7.245	82	719342	54.485	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	29064	9.027	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	29064	7.064	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	21044	5.133	ng	# 1
77) Benzidine	12.775	184	19788	3.349	ng	# 93

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

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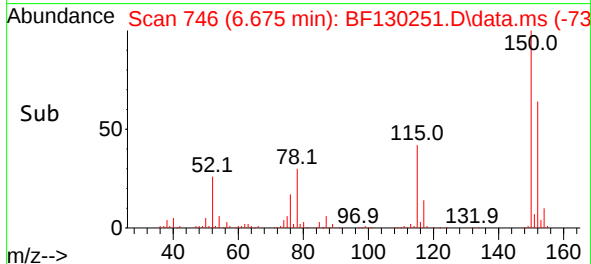
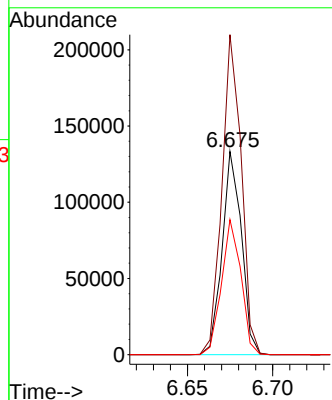
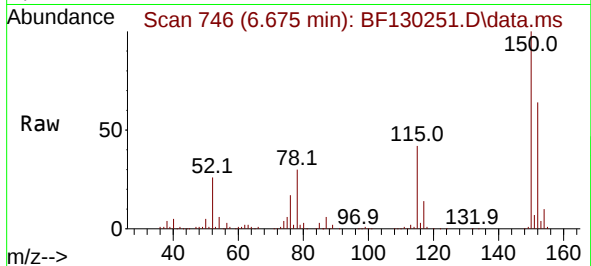




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130251.D
 Acq: 14 Sep 2022 21:16

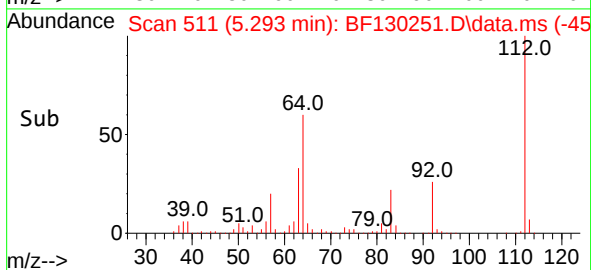
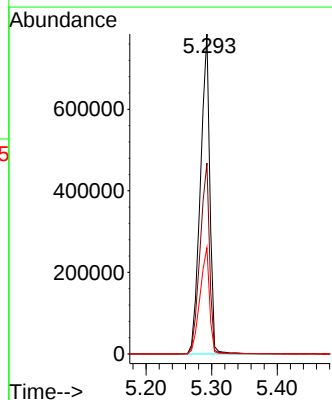
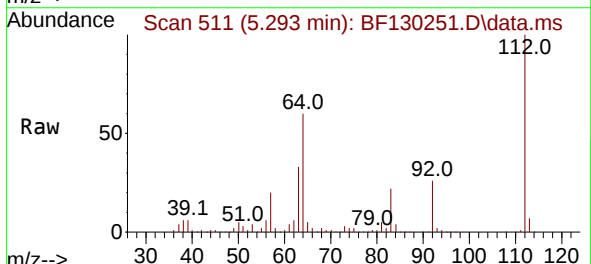
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-6

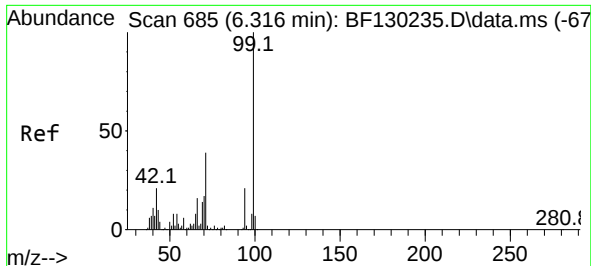
Tgt Ion:152 Resp: 104799
 Ion Ratio Lower Upper
 152 100
 150 157.5 122.8 184.2
 115 66.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 130.518 ng
 RT: 5.293 min Scan# 511
 Delta R.T. 0.018 min
 Lab File: BF130251.D
 Acq: 14 Sep 2022 21:16

Tgt Ion:112 Resp: 788612
 Ion Ratio Lower Upper
 112 100
 64 59.6 51.4 77.0
 63 33.2 28.8 43.2

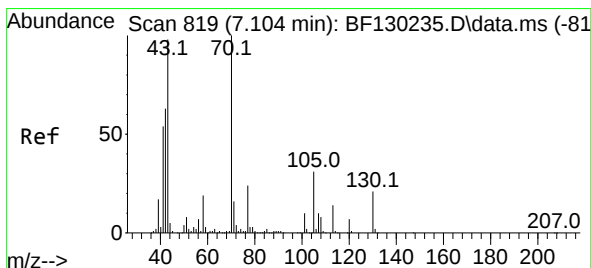
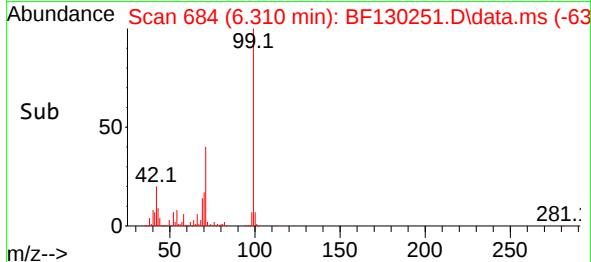
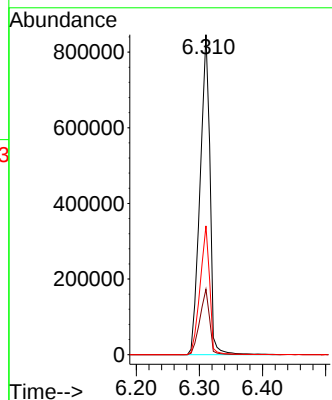
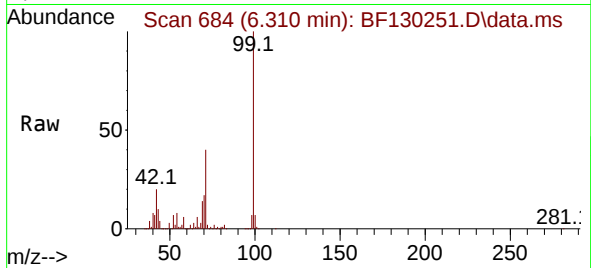




#7
Phenol-d6
Concen: 121.346 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

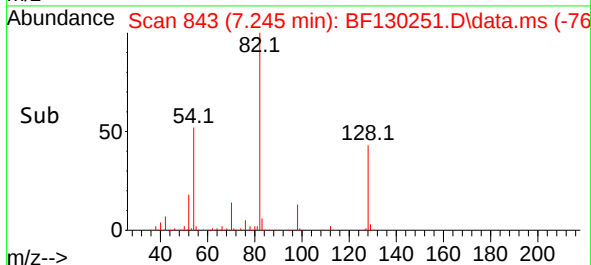
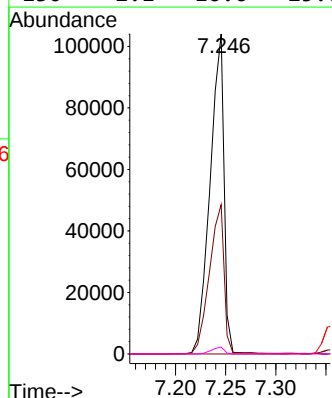
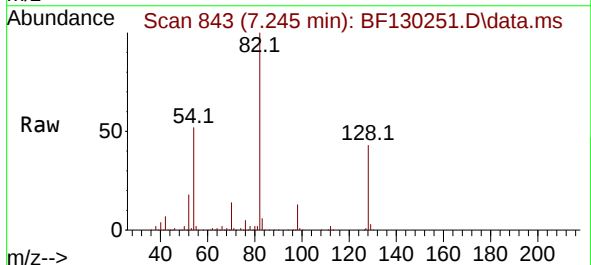
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

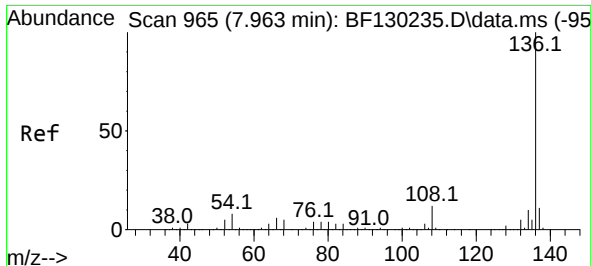
Tgt Ion: 99 Resp: 917395
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 40.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.747 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Tgt Ion: 70 Resp: 100737
Ion Ratio Lower Upper
70 100
42 46.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

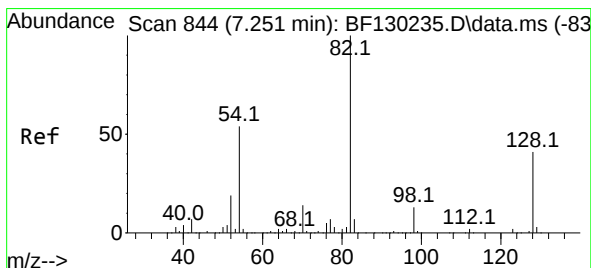
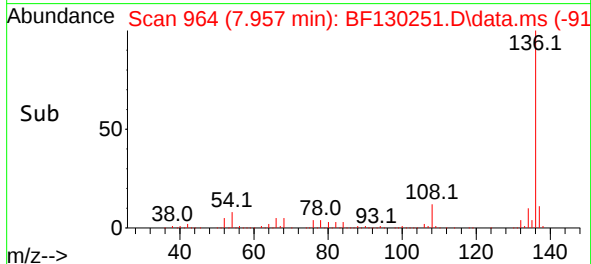
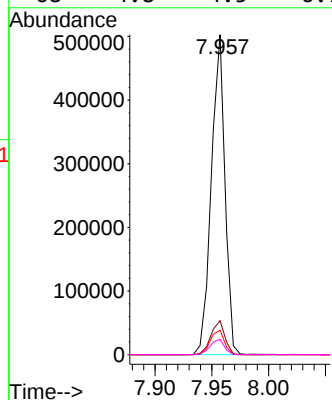
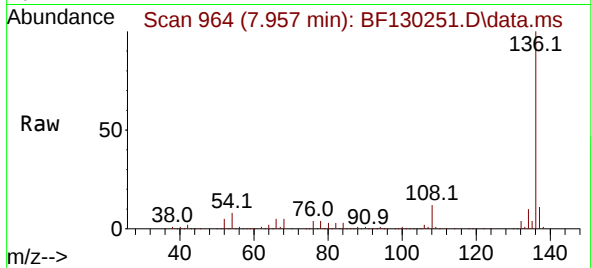




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

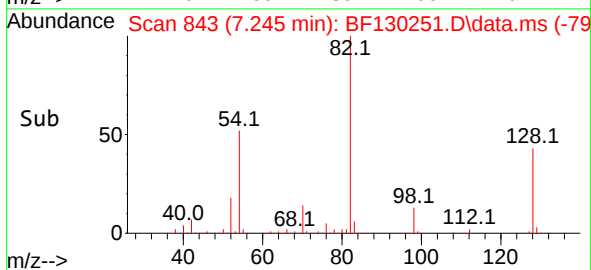
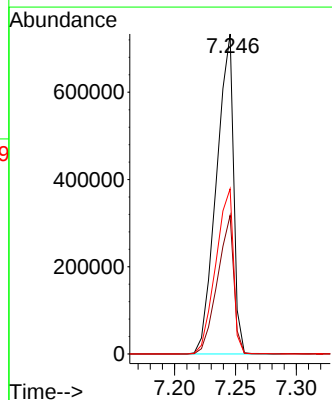
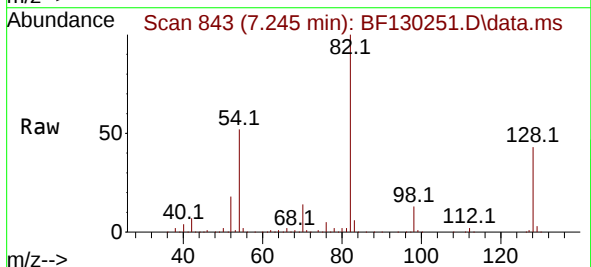
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

Tgt Ion:	136	Resp:	418486
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.6	7.1	10.7
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 87.818 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Tgt Ion:	82	Resp:	719353
Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	49.0
54	51.6	43.8	65.6

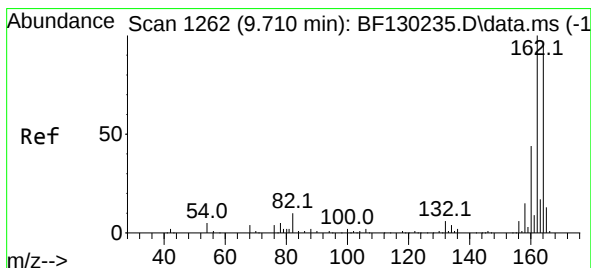
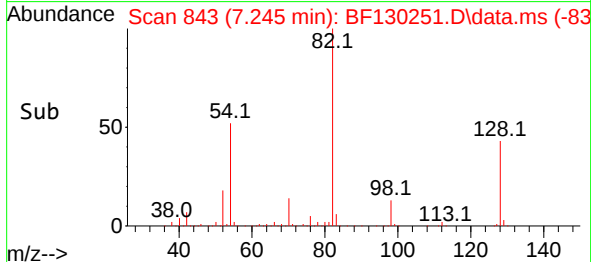
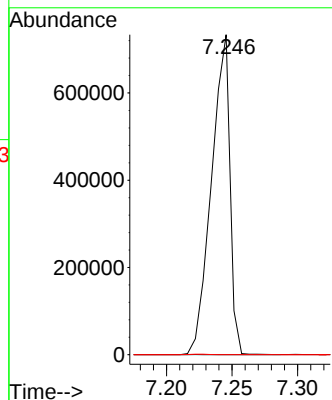
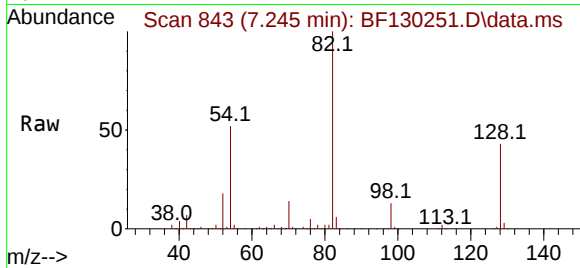




#25
Isophorone
Concen: 54.485 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

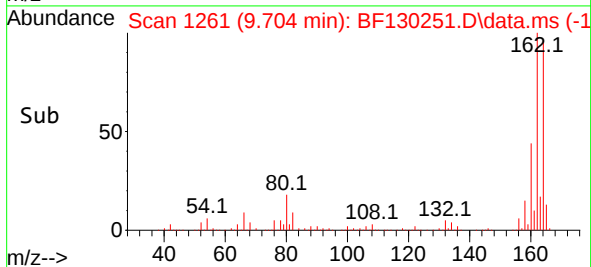
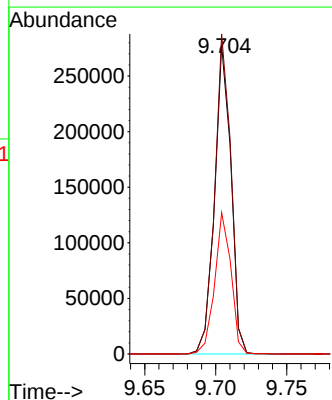
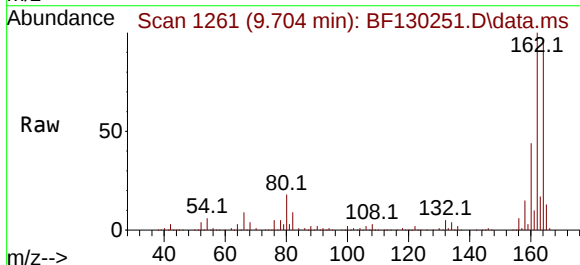
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

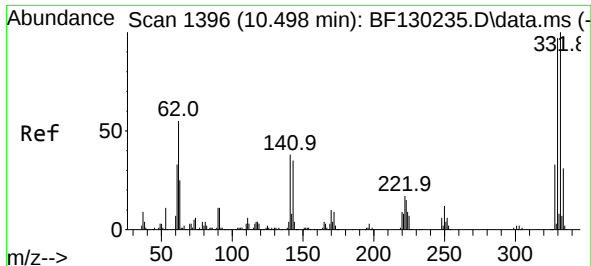
Tgt Ion: 82 Resp: 719342
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

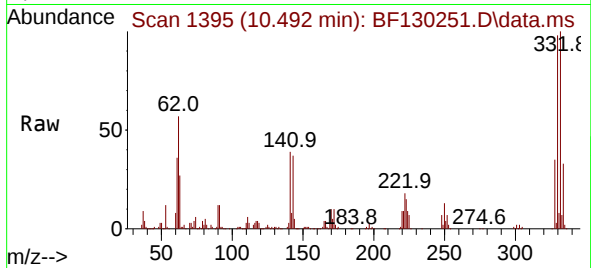
Tgt Ion: 164 Resp: 222861
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 45.8 36.2 54.4



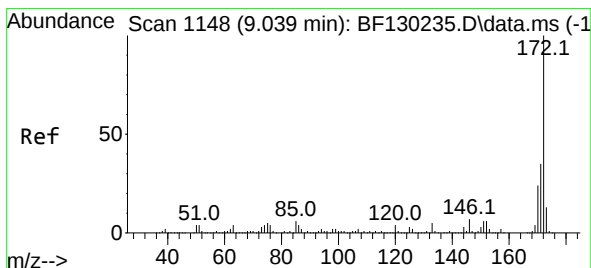
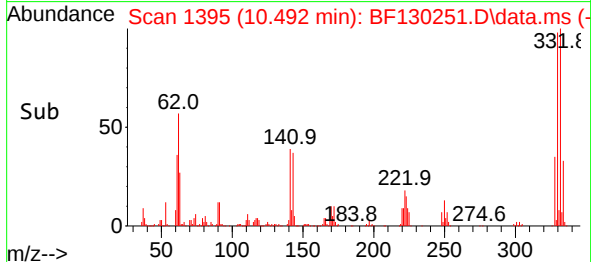
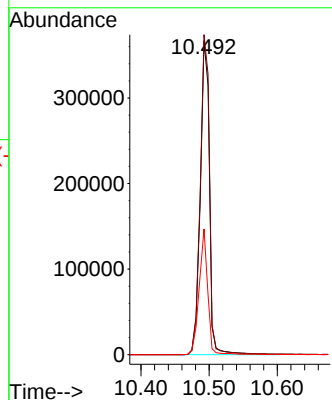


#42
2,4,6-Tribromophenol
Concen: 160.577 ng
RT: 10.492 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

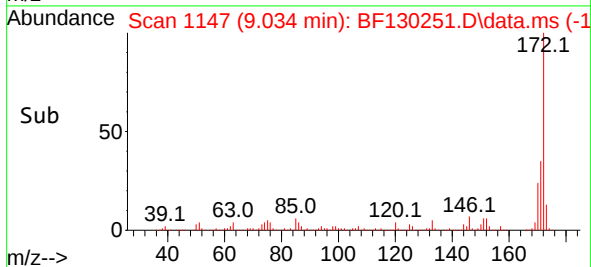
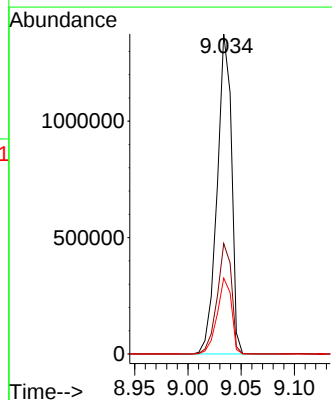
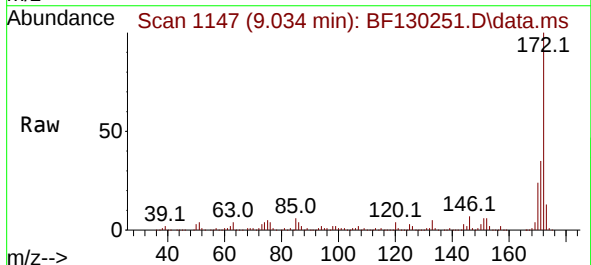


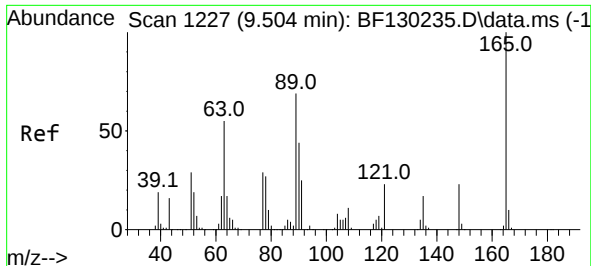
Tgt Ion:330 Resp: 342902
Ion Ratio Lower Upper
330 100
332 102.6 83.4 125.2
141 37.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 83.777 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Tgt Ion:172 Resp: 1282152
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.7 18.7 28.1

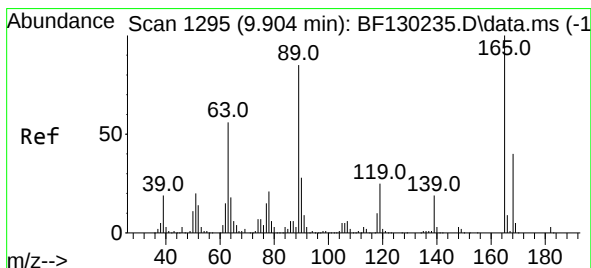
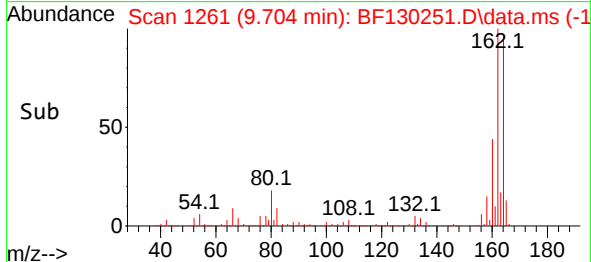
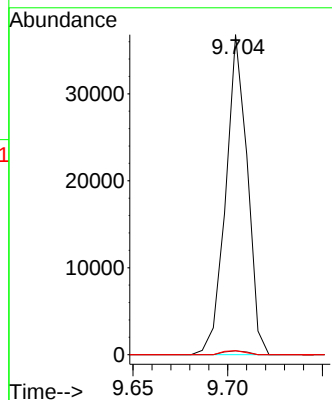
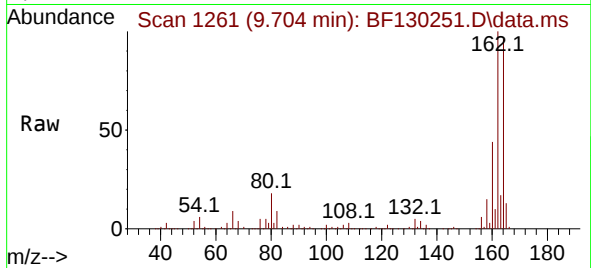




#51
2,6-Dinitrotoluene
Concen: 9.027 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

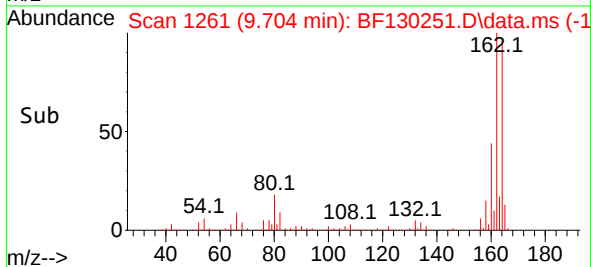
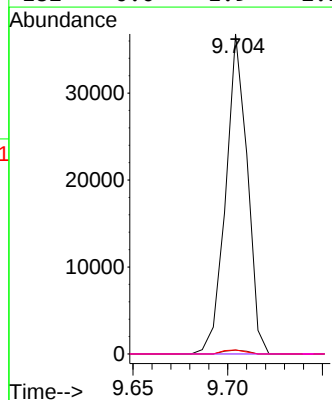
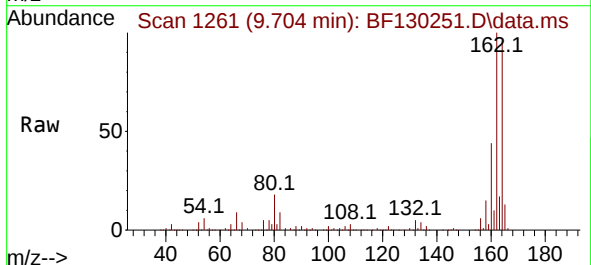
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

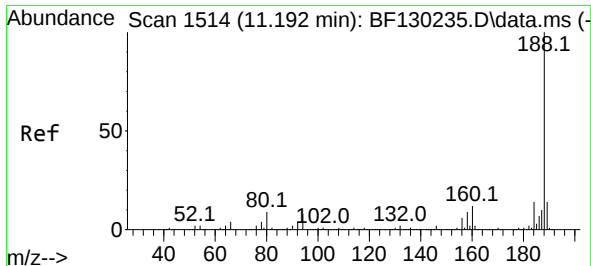
Tgt Ion:165 Resp: 29064
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.2 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.064 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Tgt Ion:165 Resp: 29064
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#

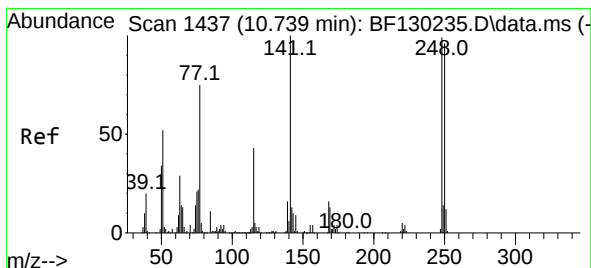
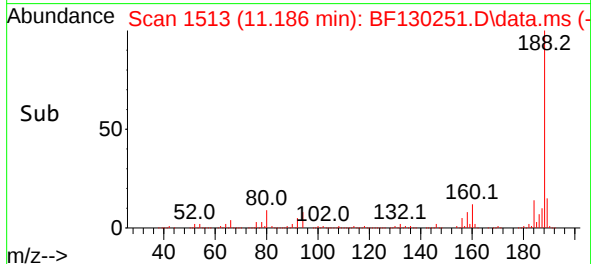
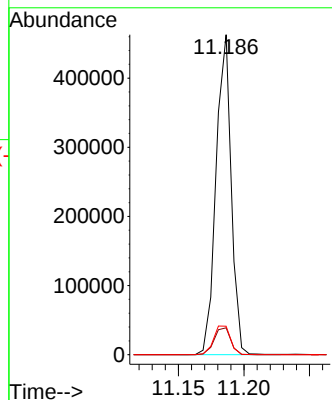
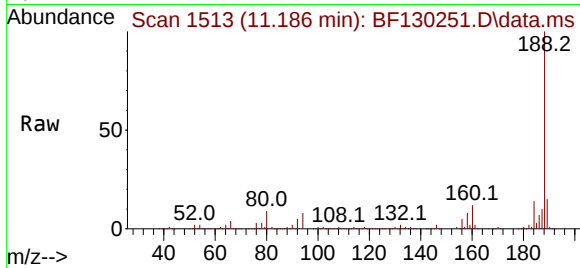




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

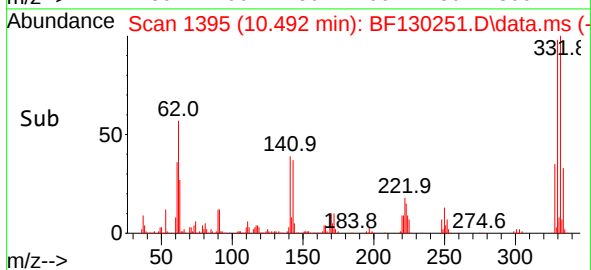
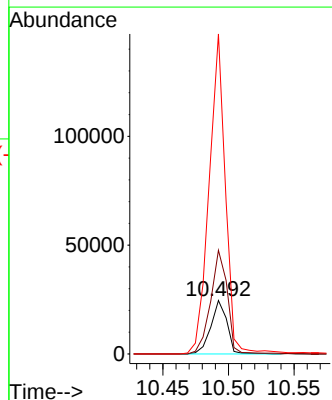
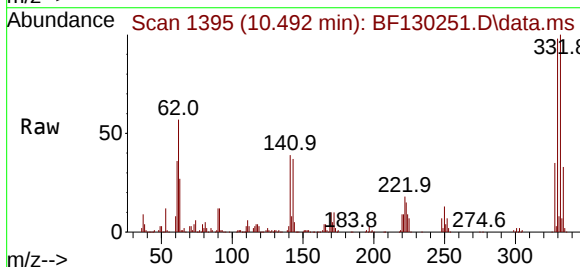
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

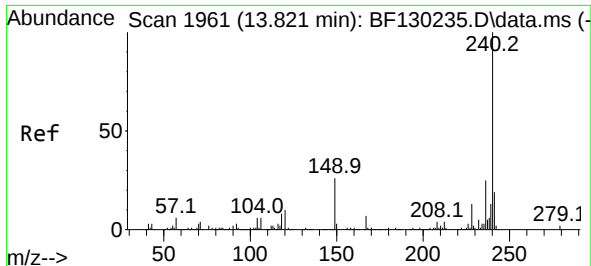
Tgt Ion:188 Resp: 371609
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.133 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

Tgt Ion:248 Resp: 21044
Ion Ratio Lower Upper
248 100
250 194.0 80.0 120.0#
141 598.6 68.5 102.7#

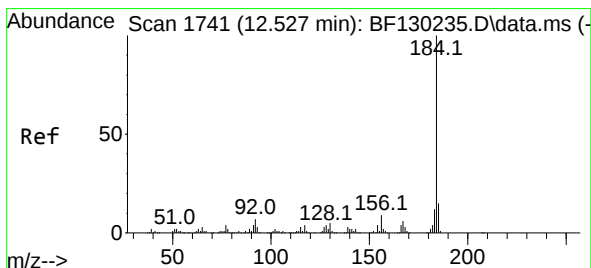
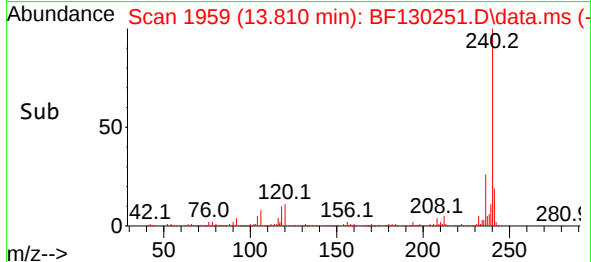
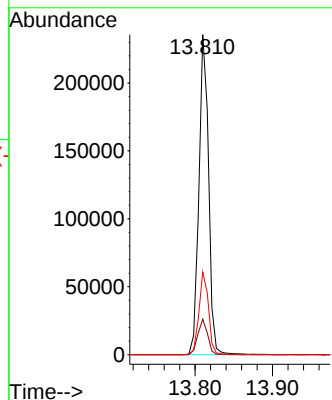
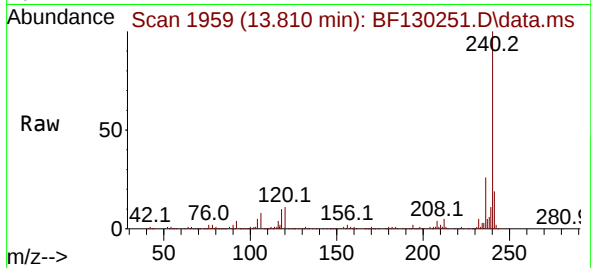




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

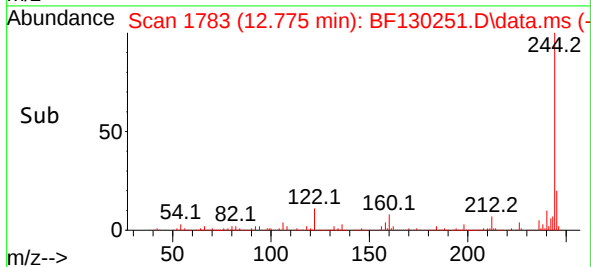
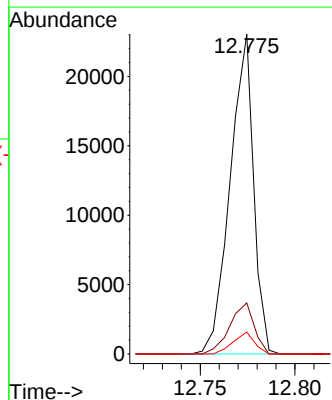
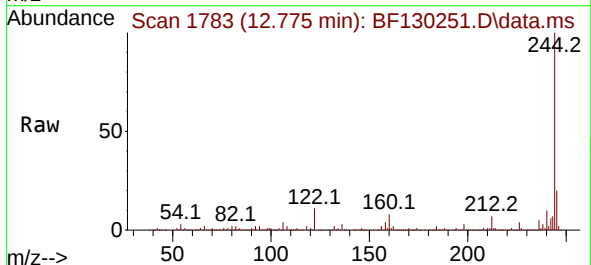
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-6

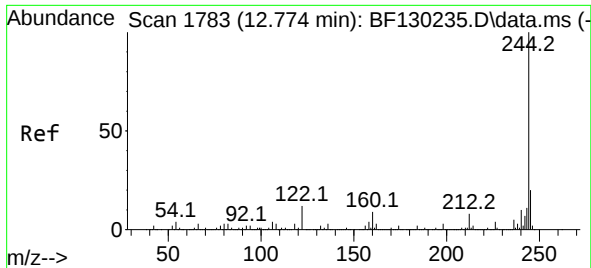
Tgt Ion:240 Resp: 203537
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 25.8 20.9 31.3



#77
Benzidine
Concen: 3.349 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130251.D
Acq: 14 Sep 2022 21:16

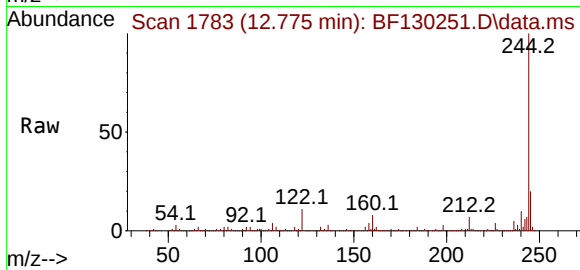
Tgt Ion:184 Resp: 19788
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 6.9 9.1 13.7#



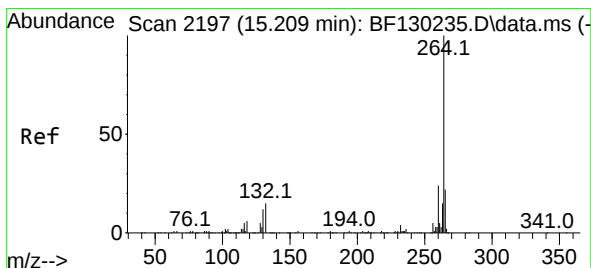
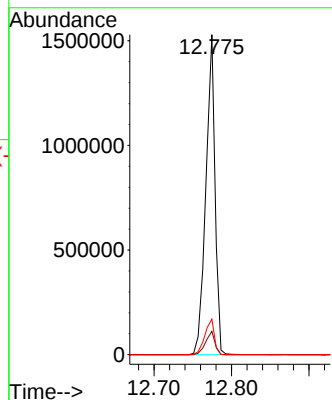
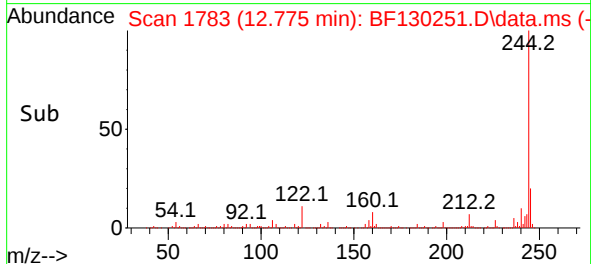


#79
 Terphenyl-d14
 Concen: 102.478 ng
 RT: 12.775 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130251.D
 Acq: 14 Sep 2022 21:16

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-6



Tgt Ion:244 Resp: 1259173
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130251.D
 Acq: 14 Sep 2022 21:16

Tgt Ion:264 Resp: 160744
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 20.2 17.0 25.4

