

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130250.D
 Acq On : 14 Sep 2022 20:44
 Operator : CG\JU
 Sample : N4578-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-5

Quant Time: Sep 15 01:27:17 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)

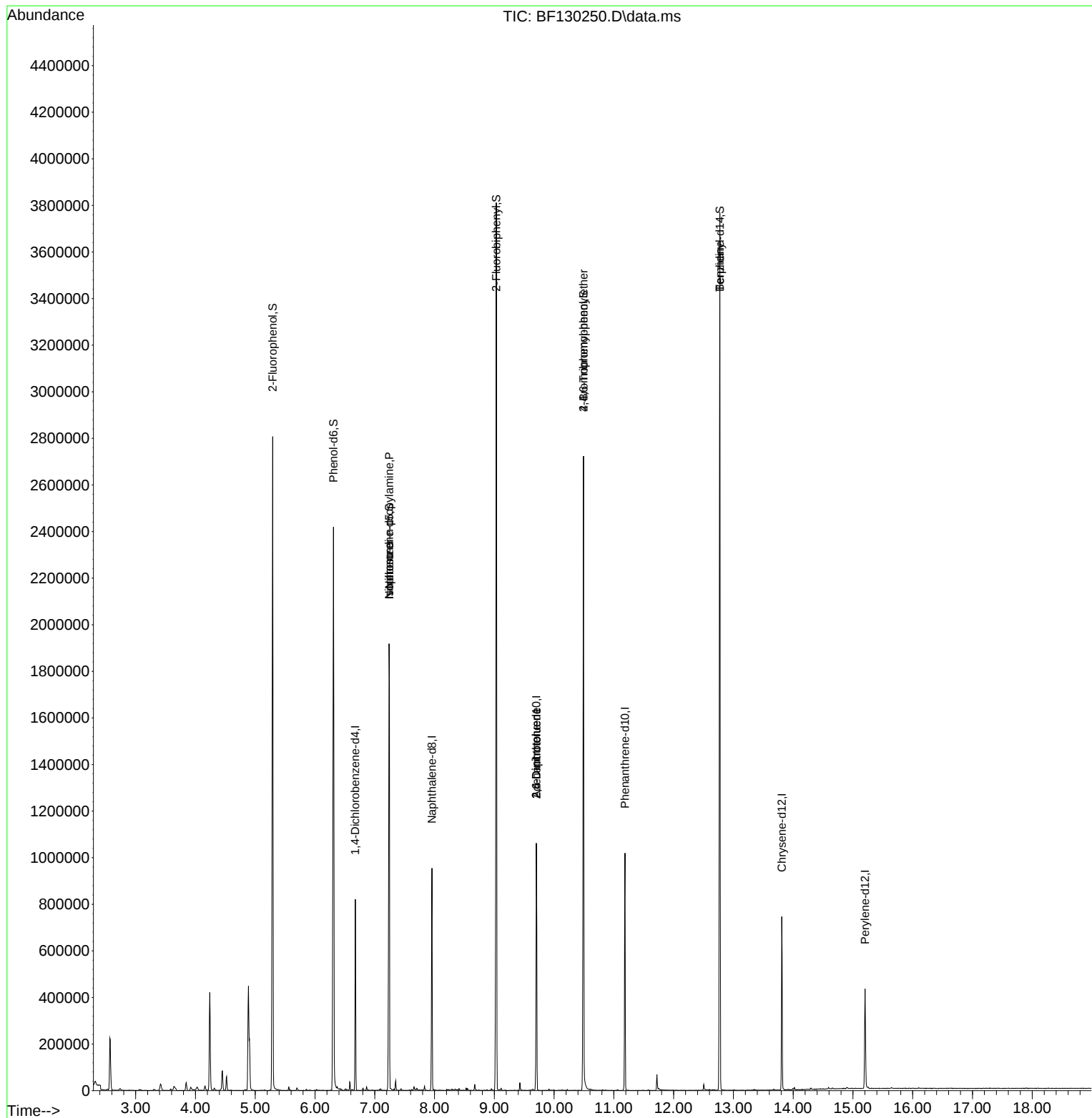
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	103850	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	393274	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	201139	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	334221	20.000	ng	0.00
76) Chrysene-d12	13.810	240	228648	20.000	ng	-0.01
86) Perylene-d12	15.204	264	171443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	767392	128.167	ng	0.02
7) Phenol-d6	6.310	99	862562	115.136	ng	0.00
23) Nitrobenzene-d5	7.239	82	684644	88.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	296170	153.671	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1137568	82.357	ng	0.00
79) Terphenyl-d14	12.774	244	1182060	85.637	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.239	70	94004	18.595	ng	# 75
25) Isophorone	7.239	82	683403	55.081	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	25727	8.854	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	25727	6.928	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	18742	5.083	ng	# 1
77) Benzidine	12.774	184	18669	2.813	ng	# 97

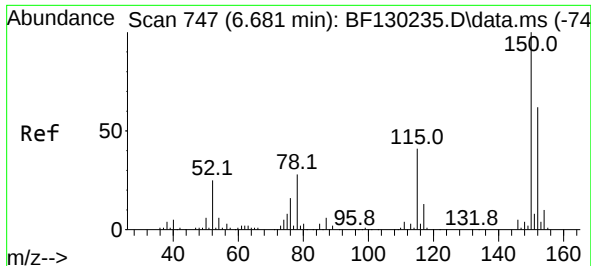
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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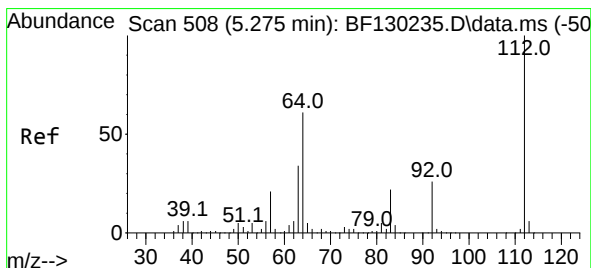
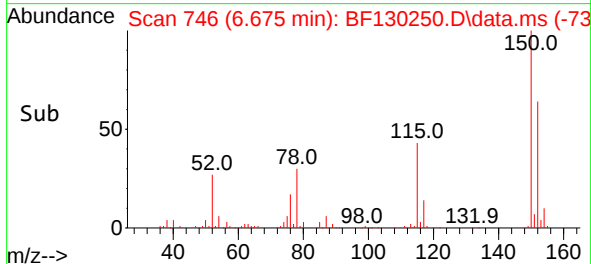
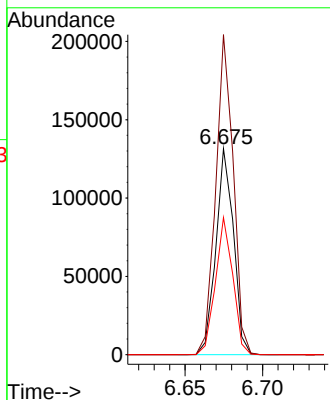
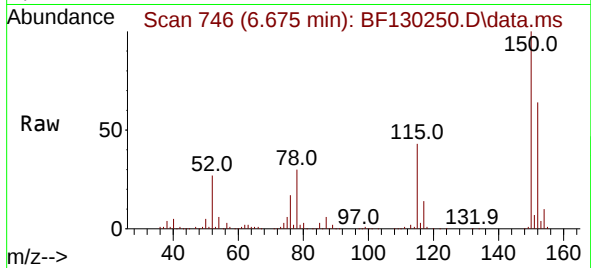




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

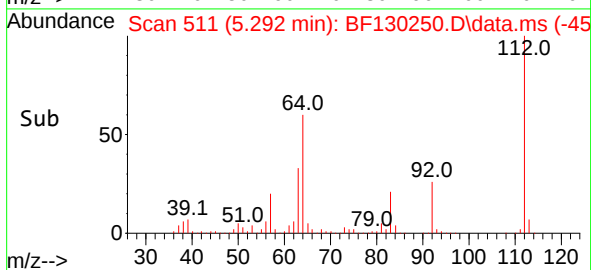
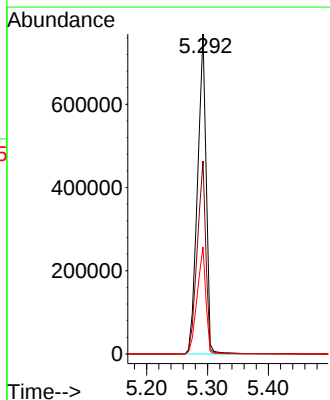
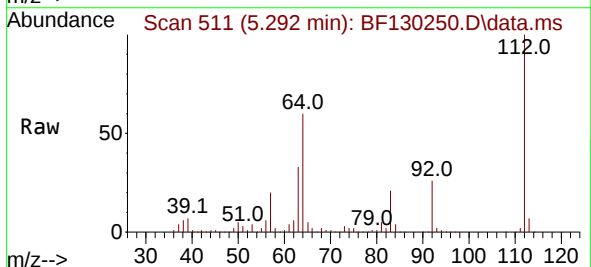
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

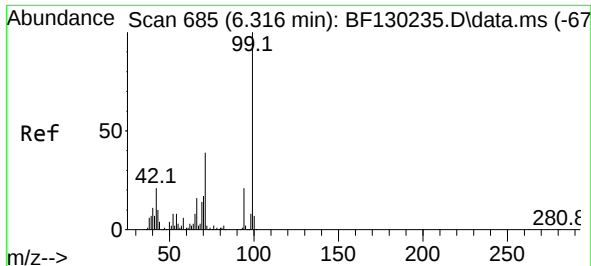
Tgt Ion:152 Resp: 103850
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 66.6 53.8 80.8



#5
2-Fluorophenol
Concen: 128.167 ng
RT: 5.292 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Tgt Ion:112 Resp: 767392
Ion Ratio Lower Upper
112 100
64 60.3 51.4 77.0
63 33.4 28.8 43.2

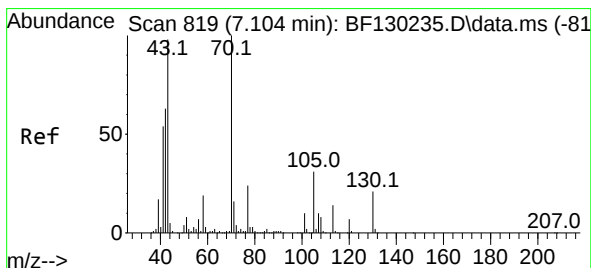
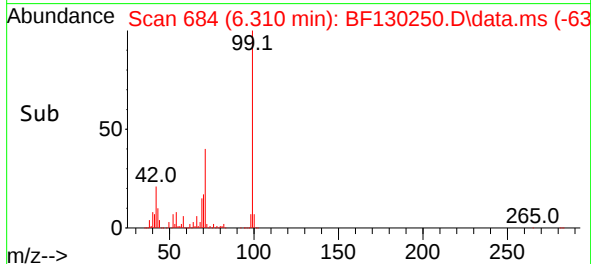
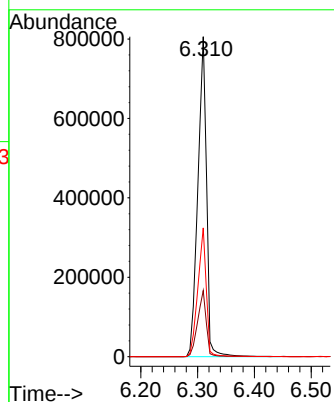
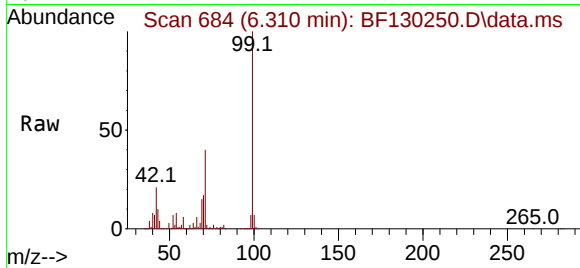




#7
Phenol-d6
Concen: 115.136 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

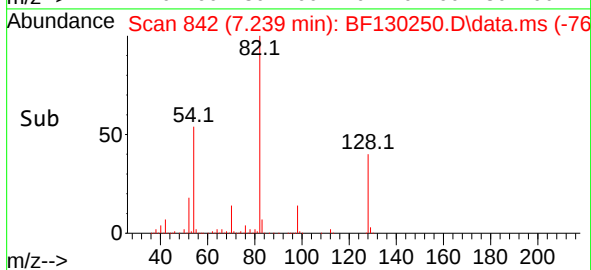
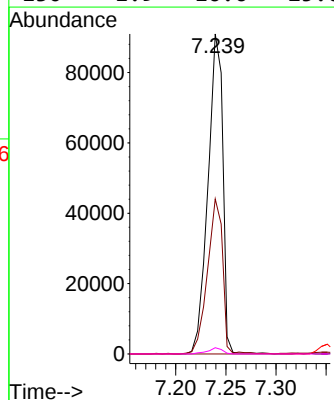
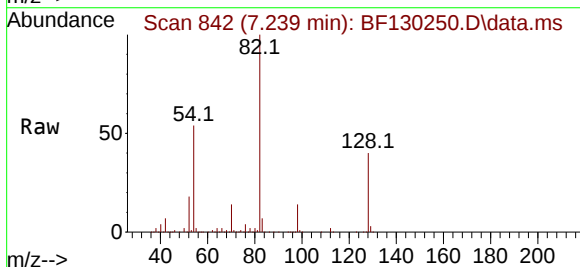
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

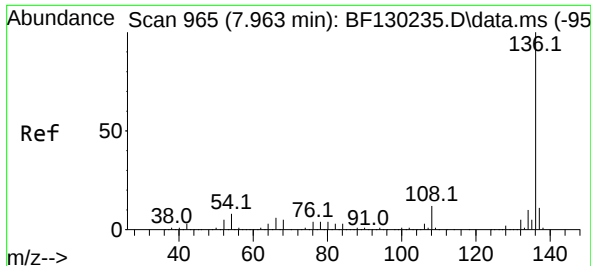
Tgt Ion: 99 Resp: 862562
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 40.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.595 ng
RT: 7.239 min Scan# 842
Delta R.T. 0.135 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Tgt Ion: 70 Resp: 94004
Ion Ratio Lower Upper
70 100
42 48.5 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

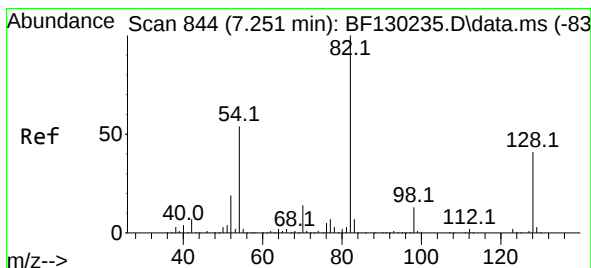
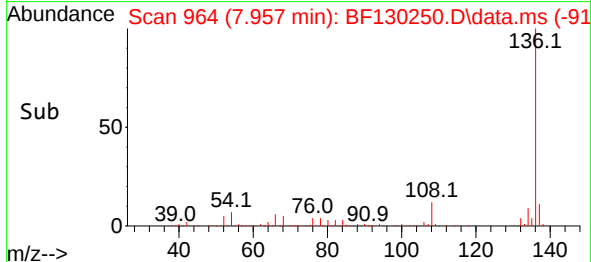
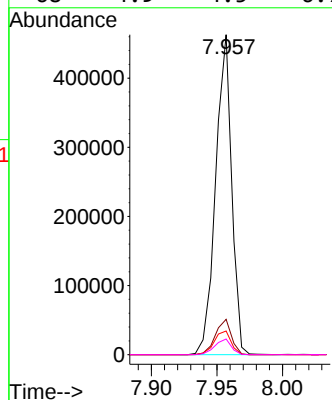
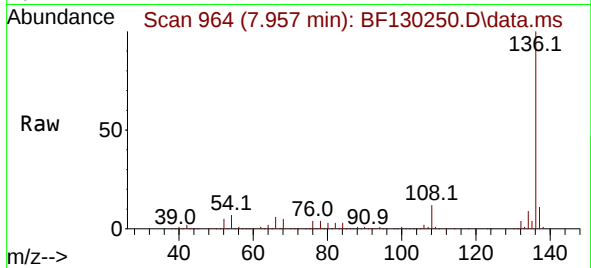




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

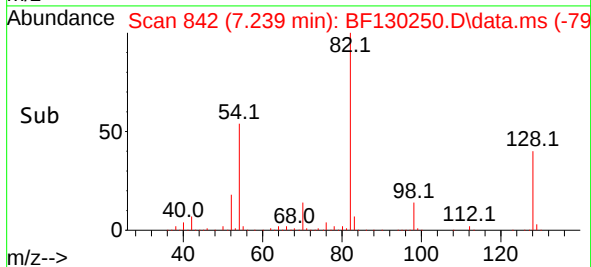
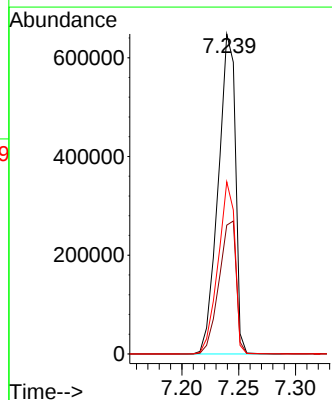
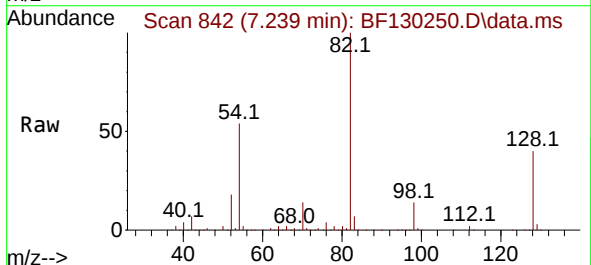
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

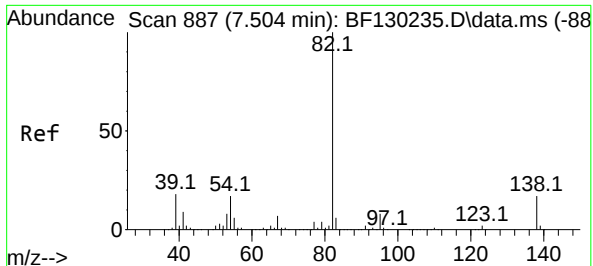
Tgt Ion	136	Resp:	393274
	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	7.1	10.7
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 88.939 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Tgt Ion: 82	Resp: 684644
Ion Ratio	Lower Upper
82 100	
128 40.2	32.6 49.0
54 53.8	43.8 65.6

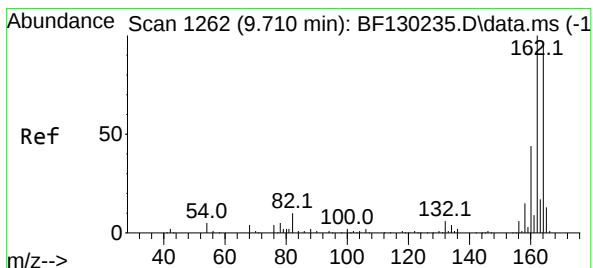
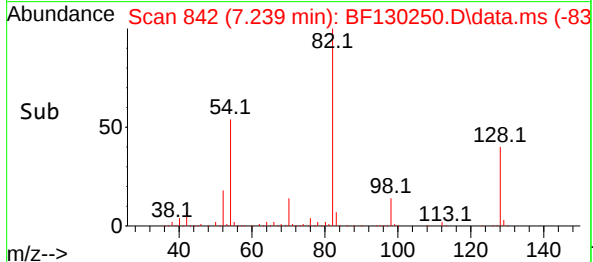
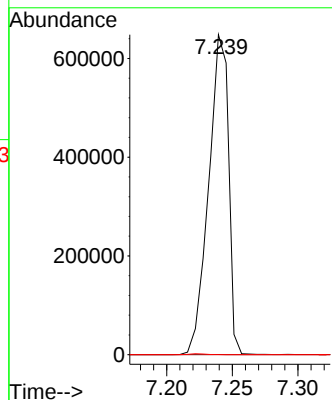
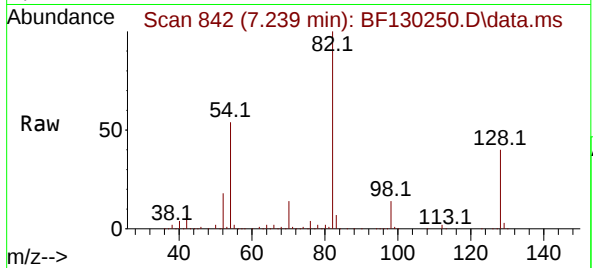




#25
Isophorone
Concen: 55.081 ng
RT: 7.239 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

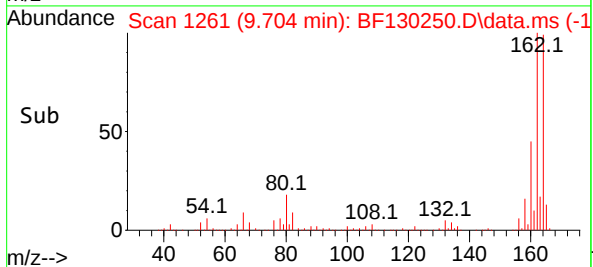
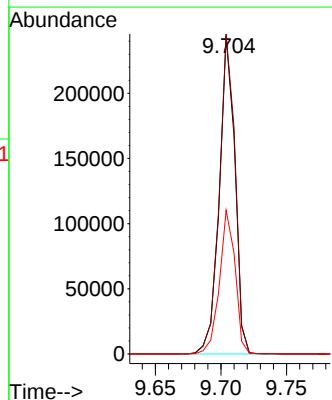
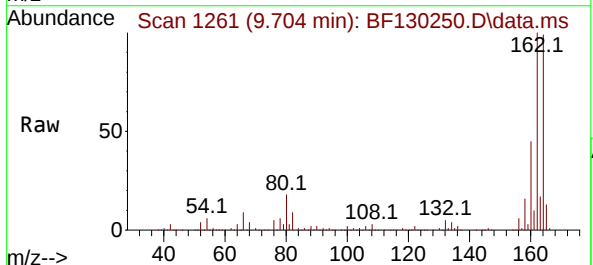
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

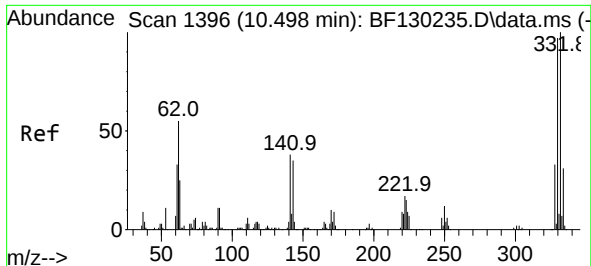
Tgt Ion: 82 Resp: 683403
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

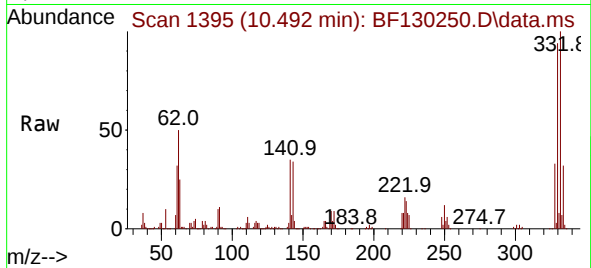
Tgt Ion: 164 Resp: 201139
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.2 36.2 54.4



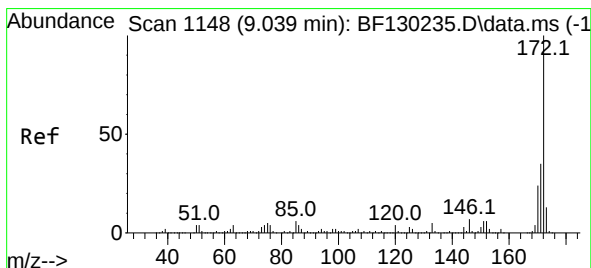
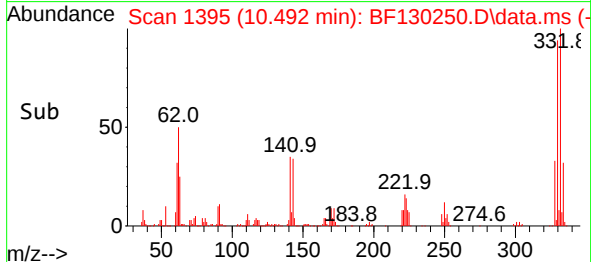
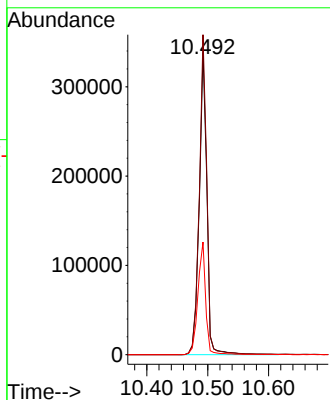


#42
2,4,6-Tribromophenol
Concen: 153.671 ng
RT: 10.492 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

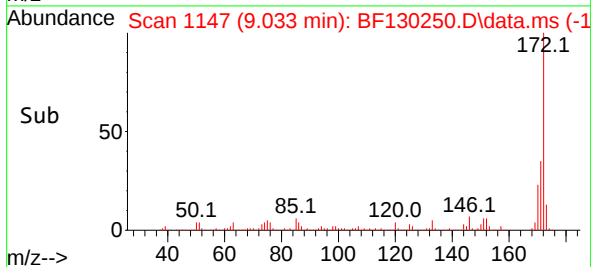
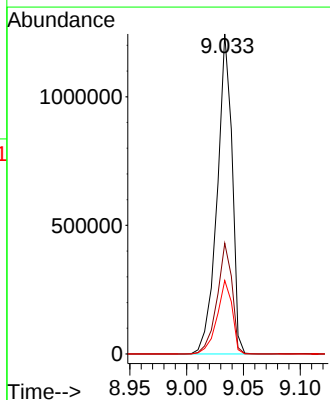
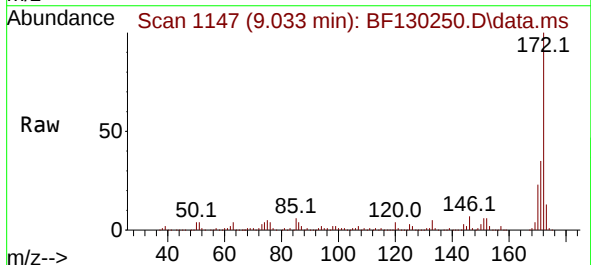


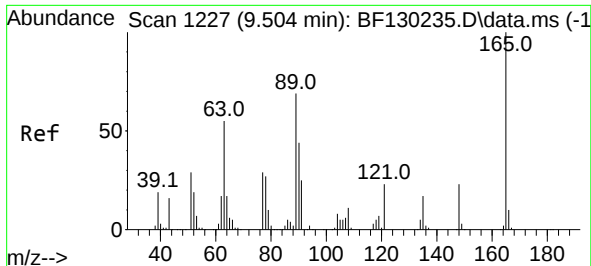
Tgt Ion:330 Resp: 296170
Ion Ratio Lower Upper
330 100
332 104.8 83.4 125.2
141 38.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 82.357 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Tgt Ion:172 Resp: 1137568
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.854 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130250.D

Acq: 14 Sep 2022 20:44

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-5

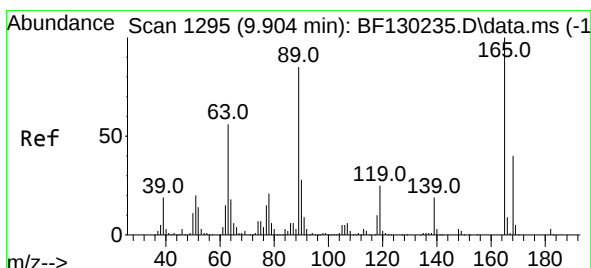
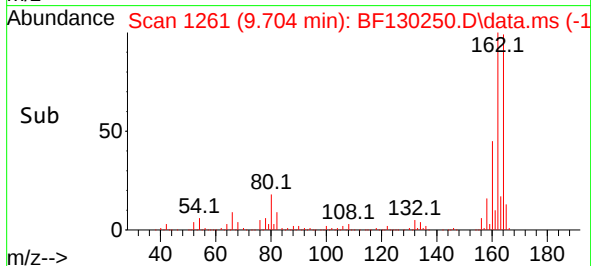
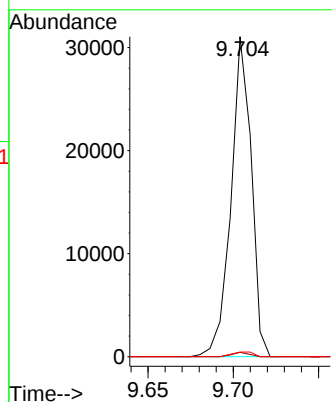
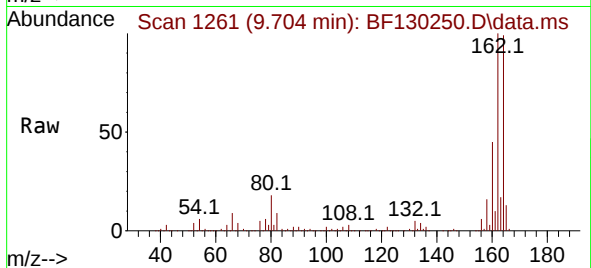
Tgt Ion:165 Resp: 25727

Ion Ratio Lower Upper

165 100

63 1.3 58.8 88.2#

89 1.5 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 6.928 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130250.D

Acq: 14 Sep 2022 20:44

Tgt Ion:165 Resp: 25727

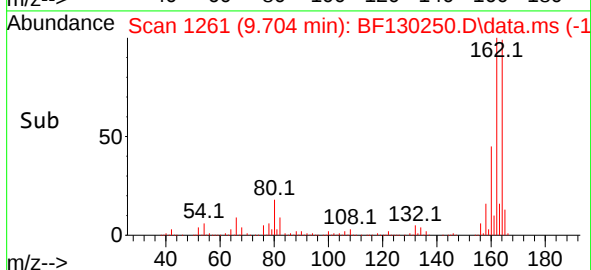
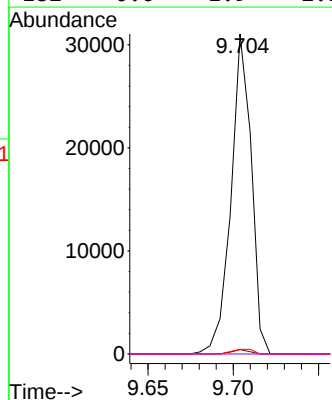
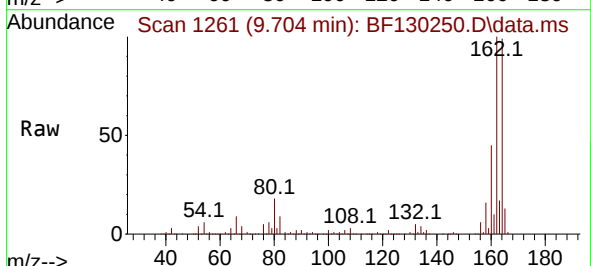
Ion Ratio Lower Upper

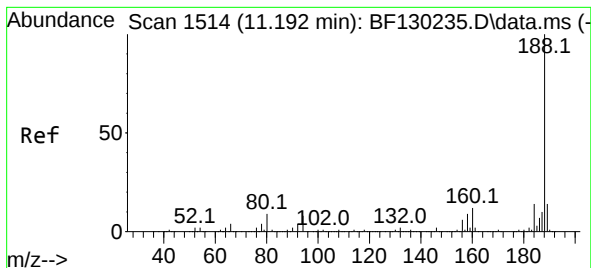
165 100

63 1.3 44.7 67.1#

89 1.5 69.0 103.4#

182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130250.D

Acq: 14 Sep 2022 20:44

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-5

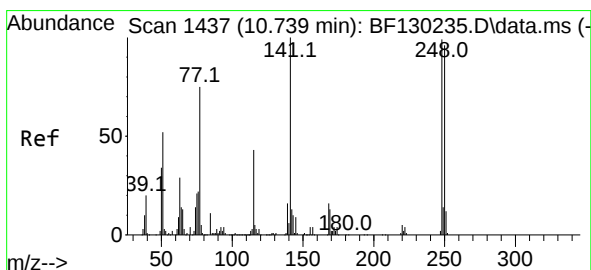
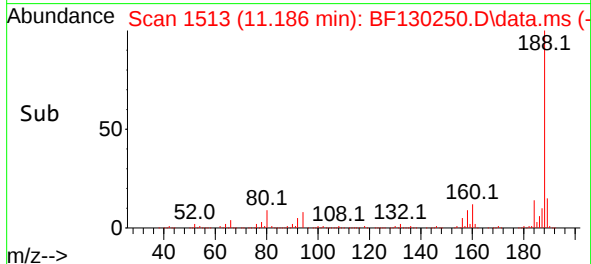
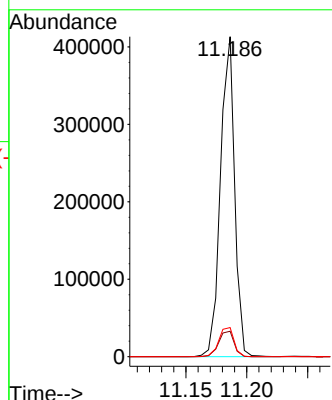
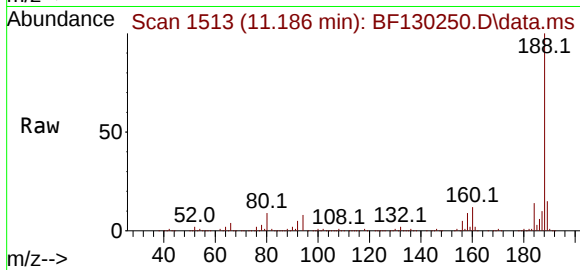
Tgt Ion:188 Resp: 334221

Ion Ratio Lower Upper

188 100

94 7.9 7.4 11.2

80 9.1 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.083 ng

RT: 10.492 min Scan# 1395

Delta R.T. -0.247 min

Lab File: BF130250.D

Acq: 14 Sep 2022 20:44

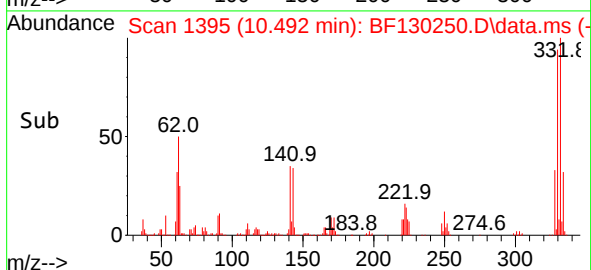
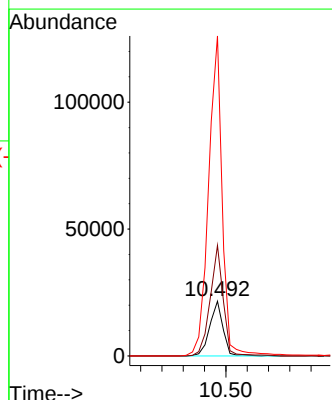
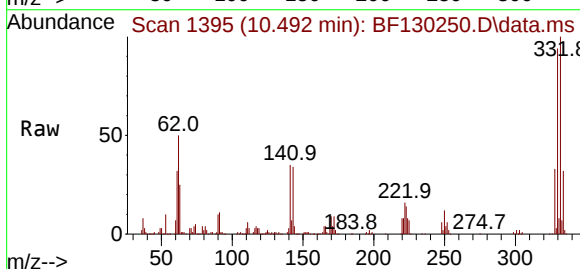
Tgt Ion:248 Resp: 18742

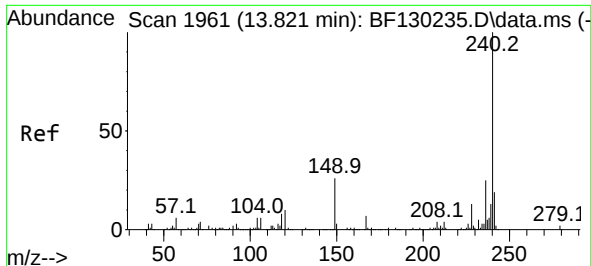
Ion Ratio Lower Upper

248 100

250 202.2 80.0 120.0#

141 585.5 68.5 102.7#

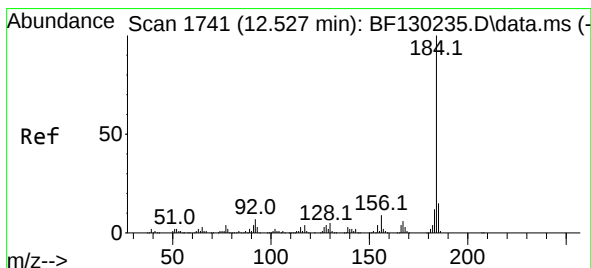
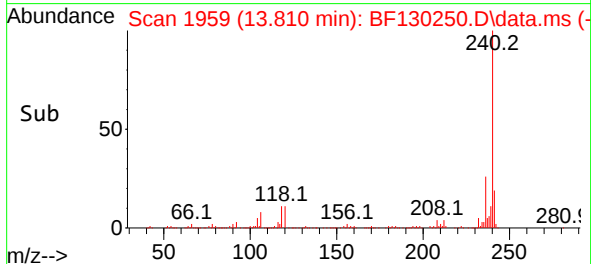
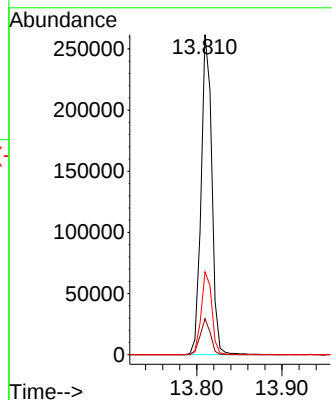
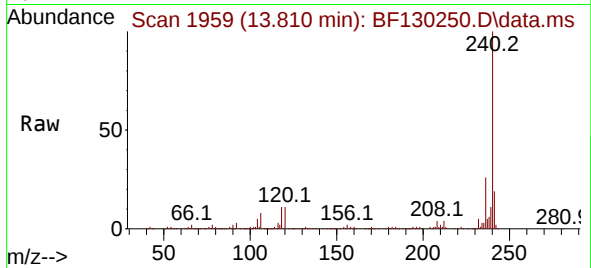




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

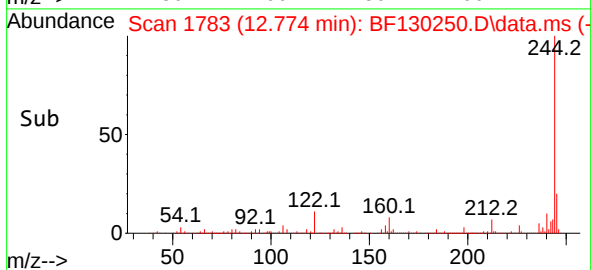
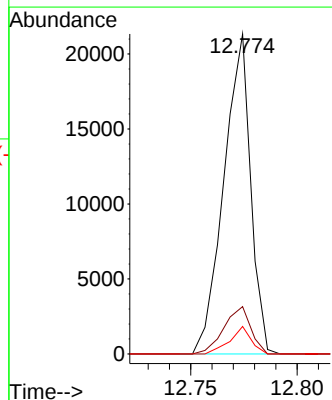
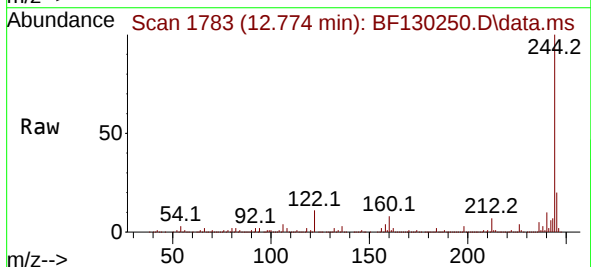
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-5

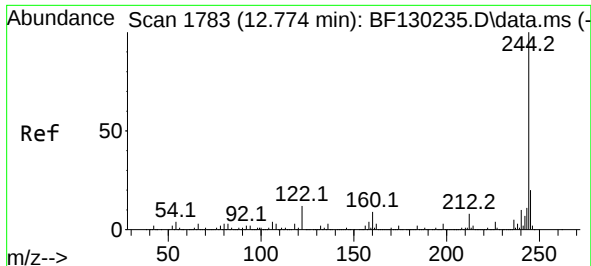
Tgt Ion:240 Resp: 228648
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 25.9 20.9 31.3



#77
Benzidine
Concen: 2.813 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130250.D
Acq: 14 Sep 2022 20:44

Tgt Ion:184 Resp: 18669
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 8.6 9.1 13.7#

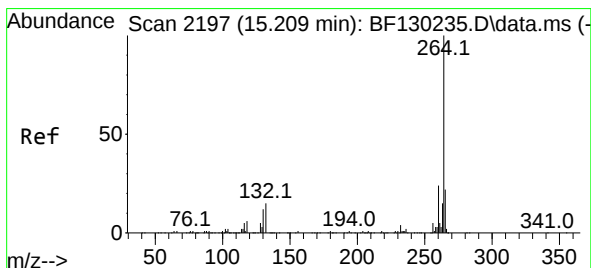
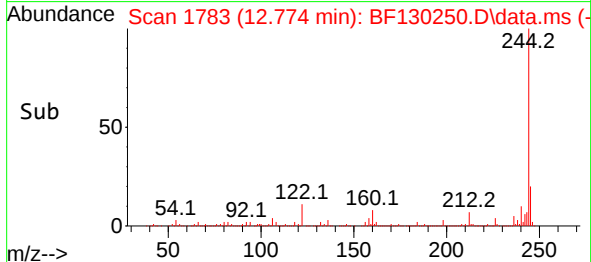
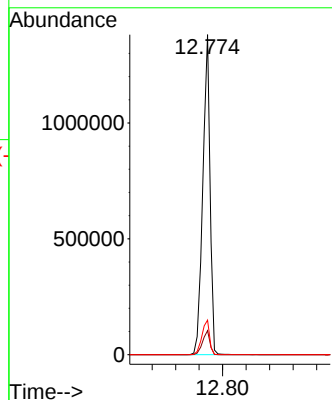
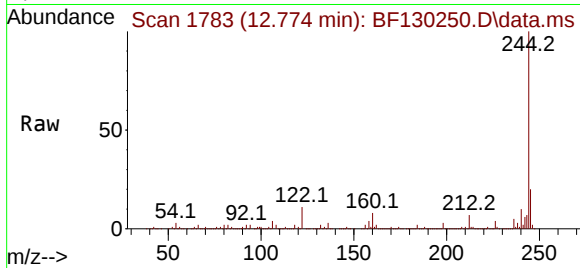




#79
 Terphenyl-d14
 Concen: 85.637 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130250.D
 Acq: 14 Sep 2022 20:44

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-5

Tgt Ion:244 Resp: 1182060
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.8 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: BF130250.D
 Acq: 14 Sep 2022 20:44

Tgt Ion:264 Resp: 171443
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 20.8 17.0 25.4

