

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130247.D
 Acq On : 14 Sep 2022 19:08
 Operator : CG\JU
 Sample : N4578-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-2

Quant Time: Sep 15 01:26:02 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)

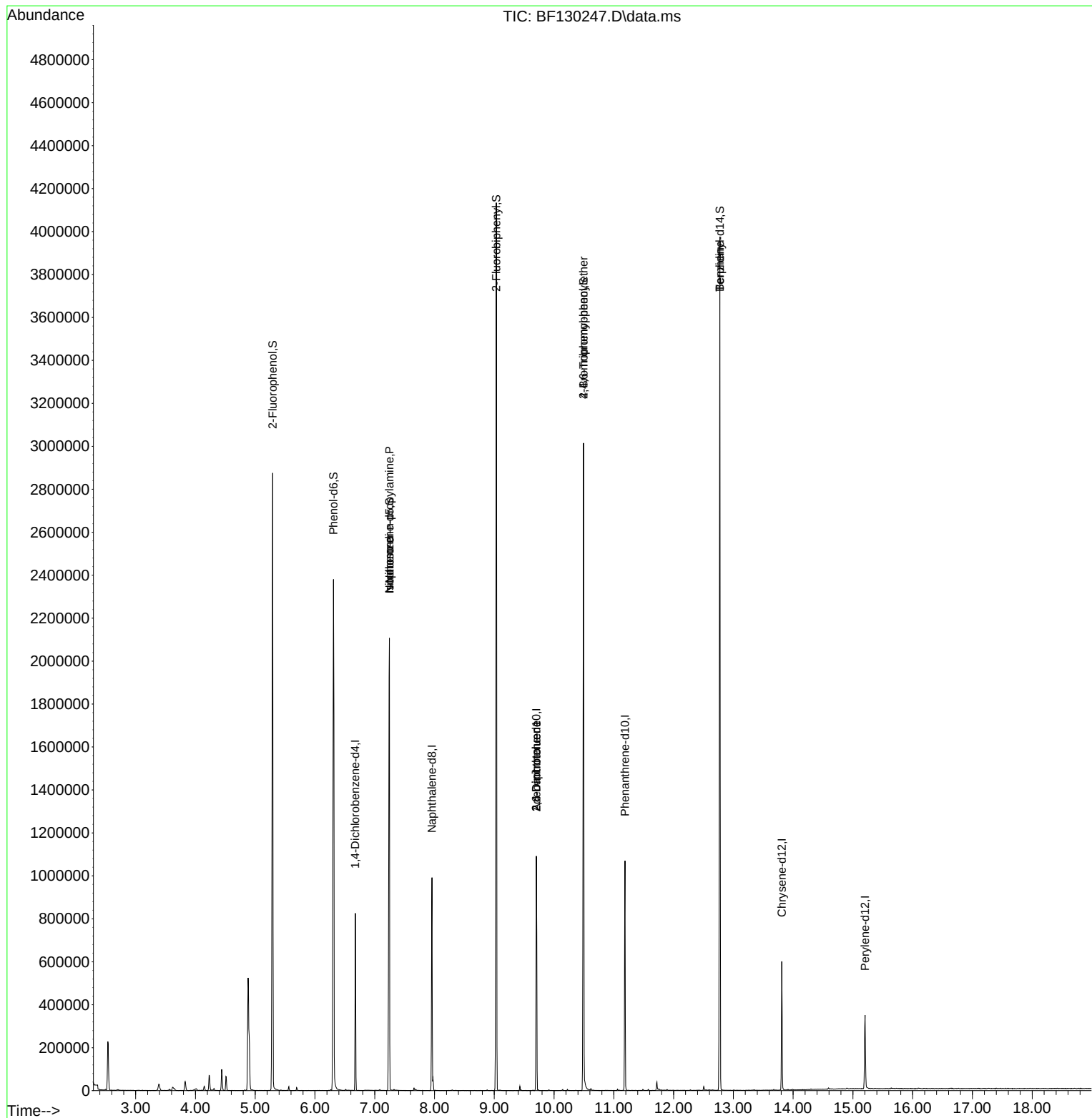
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	98133	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	392287	20.000	ng	# 0.00
39) Acenaphthene-d10	9.704	164	207160	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	338730	20.000	ng	0.00
76) Chrysene-d12	13.810	240	183642	20.000	ng	-0.01
86) Perylene-d12	15.204	264	139447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	774319	136.858	ng	0.02
7) Phenol-d6	6.310	99	886075	125.165	ng	0.00
23) Nitrobenzene-d5	7.245	82	719149	93.657	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	331852	167.181	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1226759	86.233	ng	0.00
79) Terphenyl-d14	12.775	244	1218149	109.880	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	99202	20.767	ng	# 73
25) Isophorone	7.245	82	719140	58.107	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	26370	8.811	ng	# 15
57) 2,4-Dinitrotoluene	9.704	165	26370	6.895	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20952	5.607	ng	# 1
77) Benzidine	12.775	184	19957	3.744	ng	# 90

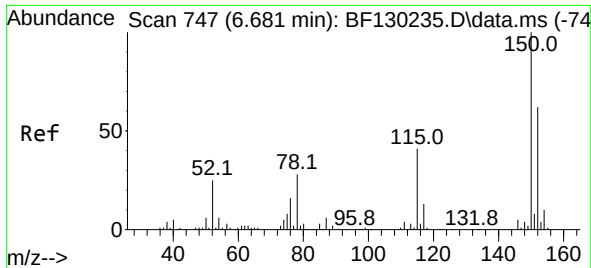
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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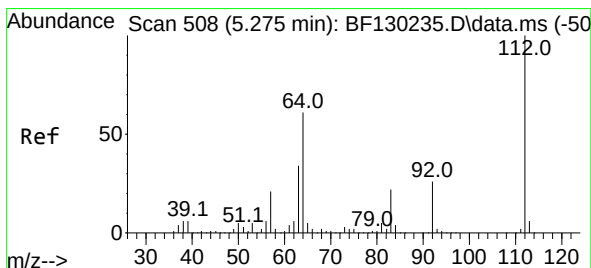
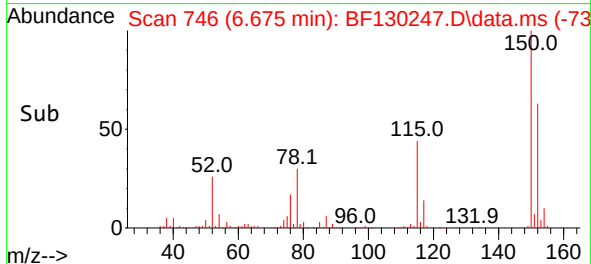
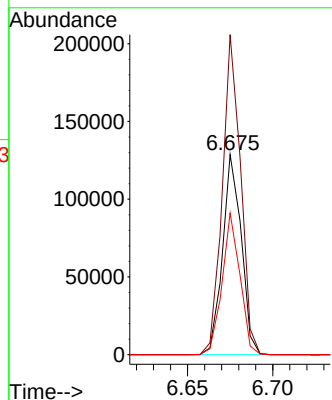
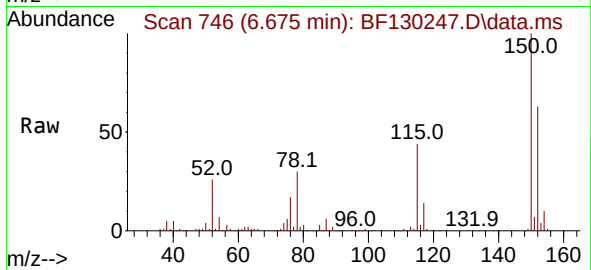




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

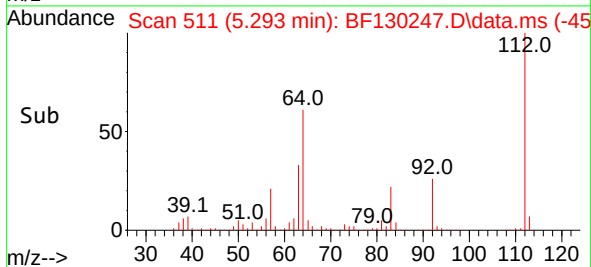
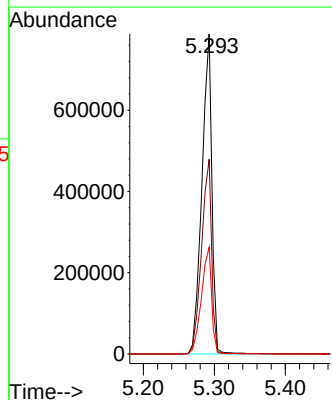
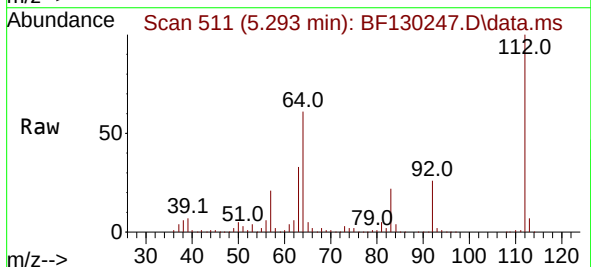
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

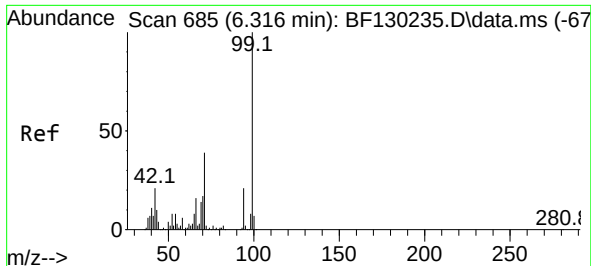
Tgt Ion:152 Resp: 98133
Ion Ratio Lower Upper
152 100
150 159.9 122.8 184.2
115 70.7 53.8 80.8



#5
2-Fluorophenol
Concen: 136.858 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion:112 Resp: 774319
Ion Ratio Lower Upper
112 100
64 60.9 51.4 77.0
63 33.4 28.8 43.2

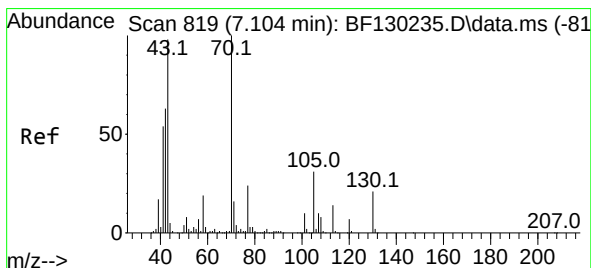
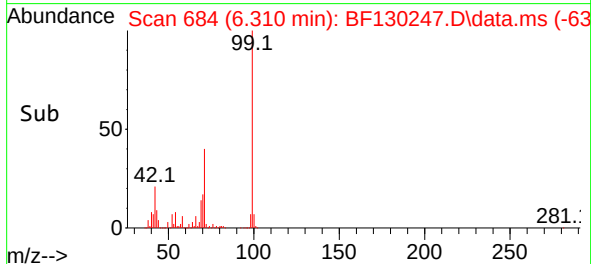
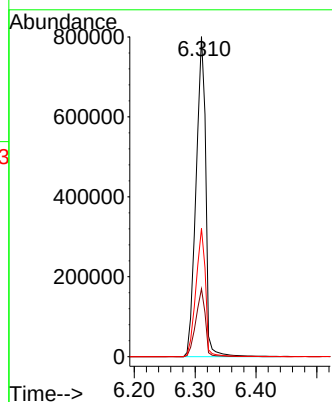
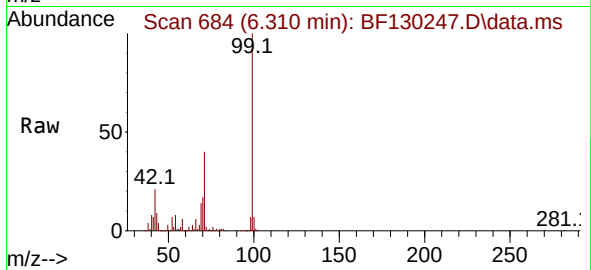




#7
Phenol-d6
Concen: 125.165 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

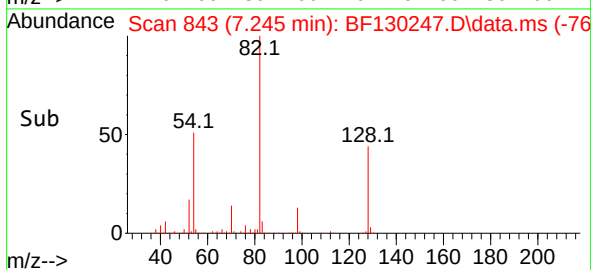
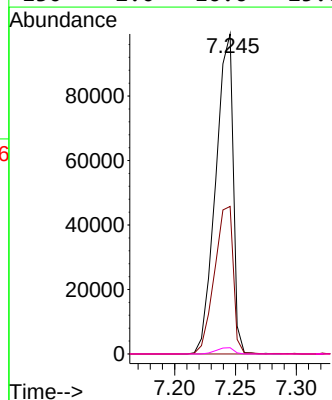
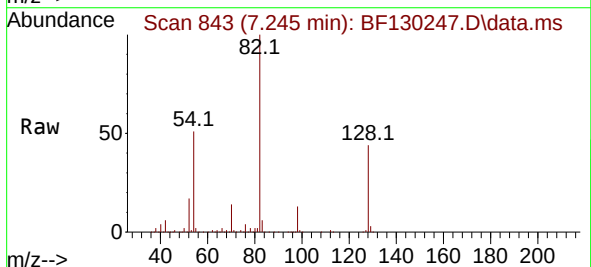
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

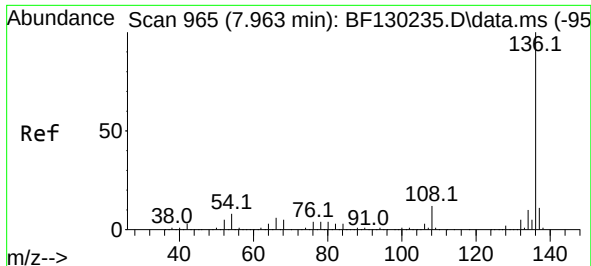
Tgt Ion: 99 Resp: 886075
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 40.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.767 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion: 70 Resp: 99202
Ion Ratio Lower Upper
70 100
42 46.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

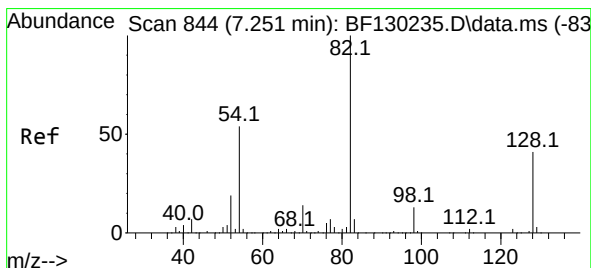
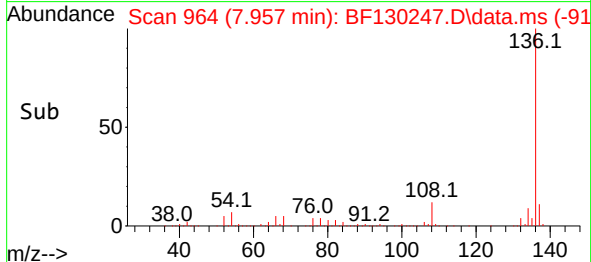
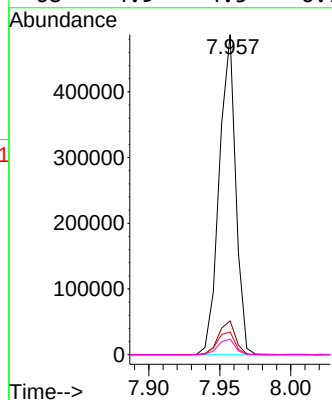
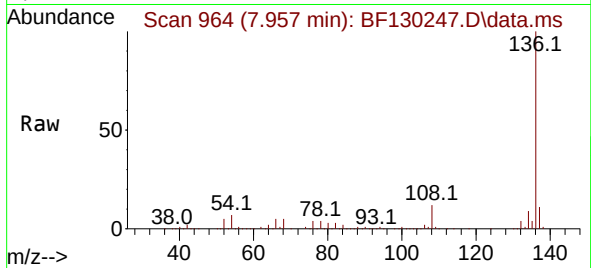




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

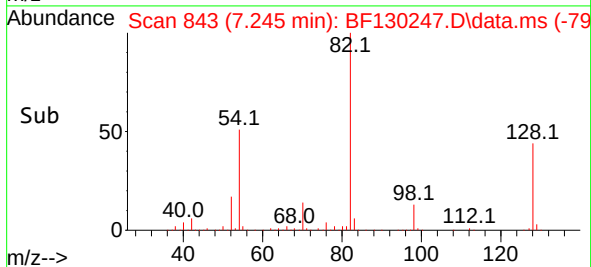
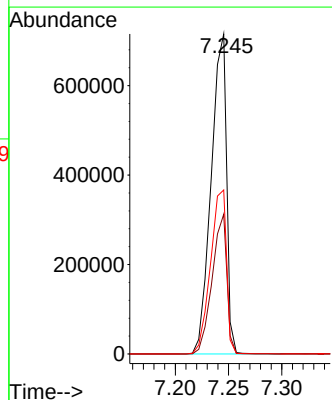
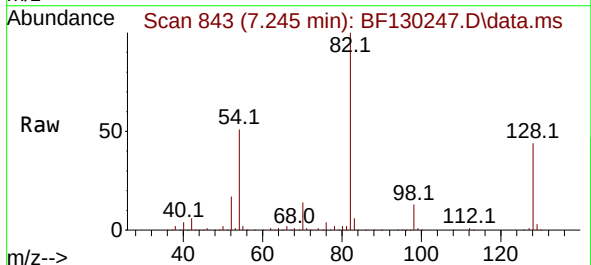
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

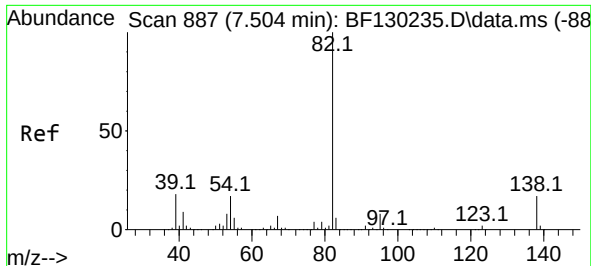
Tgt Ion:136 Resp: 392287
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.1 7.1 10.7#
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 93.657 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion: 82 Resp: 719149
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 51.3 43.8 65.6

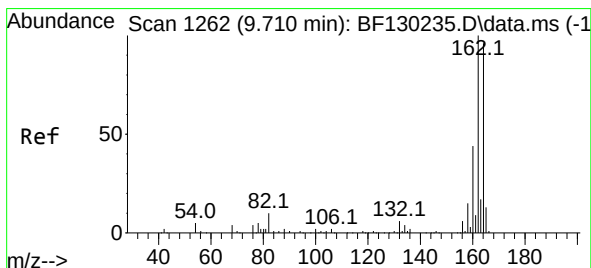
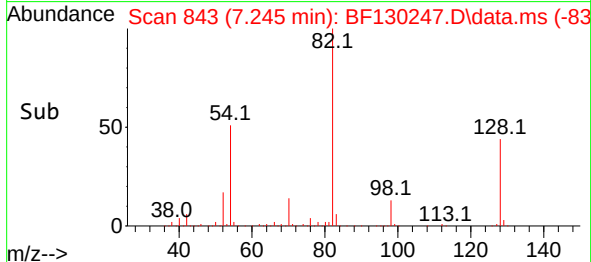
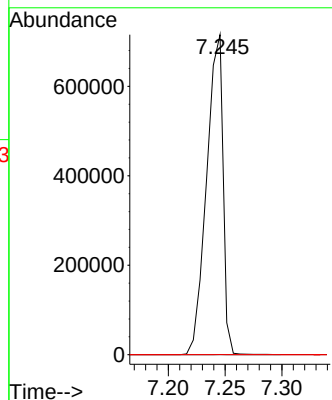
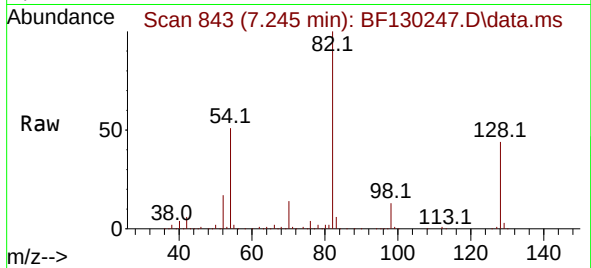




#25
Isophorone
Concen: 58.107 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

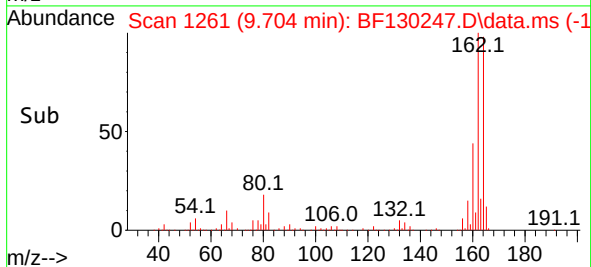
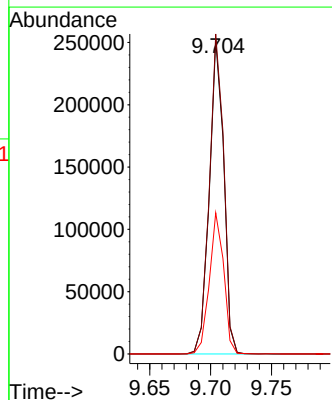
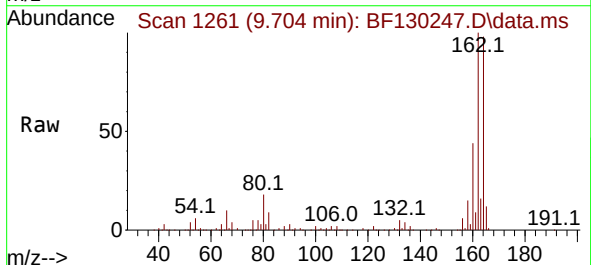
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

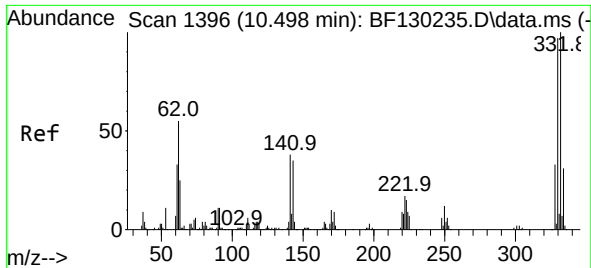
Tgt Ion: 82 Resp: 719140
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion:164 Resp: 207160
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.9 36.2 54.4

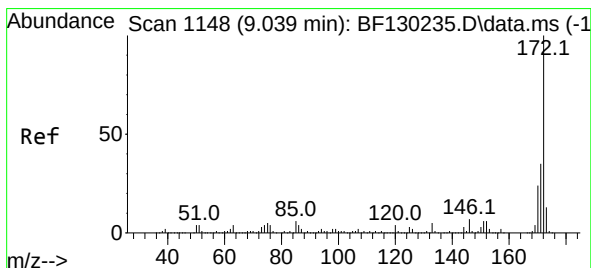
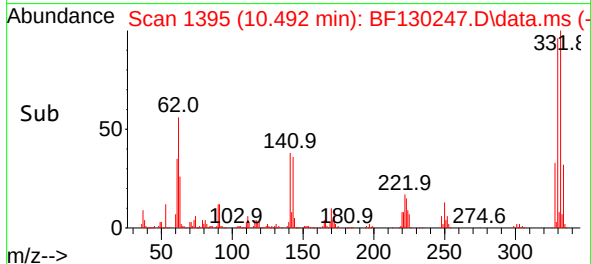
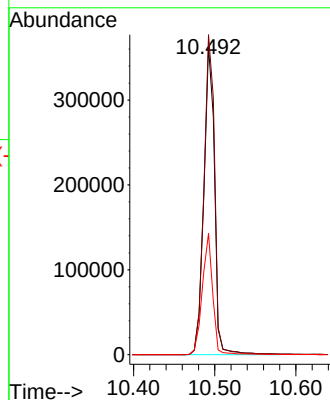
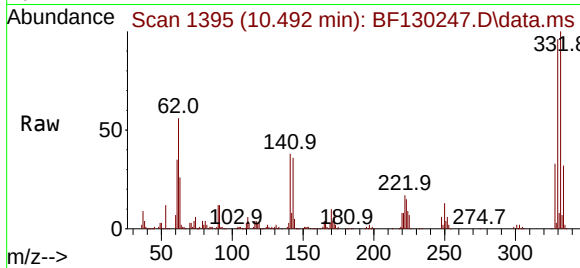




#42
2,4,6-Tribromophenol
Concen: 167.181 ng
RT: 10.492 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

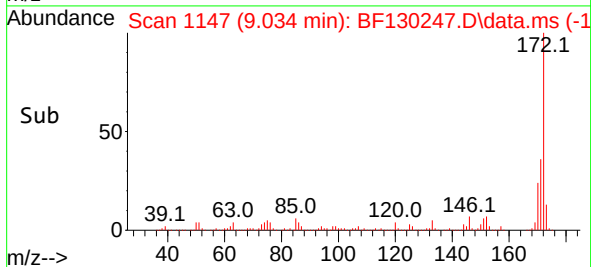
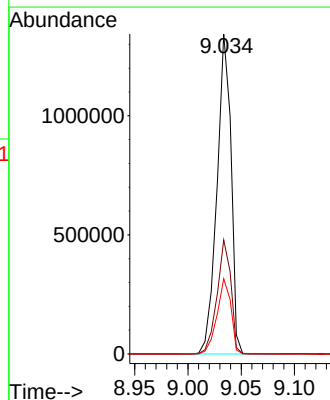
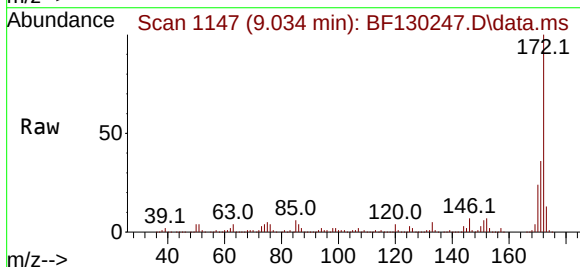
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

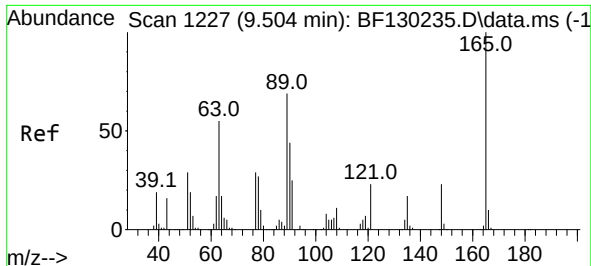
Tgt Ion:330 Resp: 331852
Ion Ratio Lower Upper
330 100
332 105.2 83.4 125.2
141 38.5 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 86.233 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion:172 Resp: 1226759
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.811 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130247.D

Acq: 14 Sep 2022 19:08

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-2

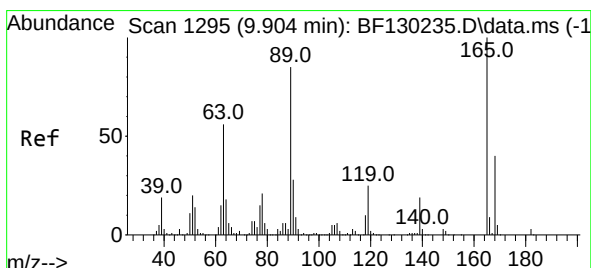
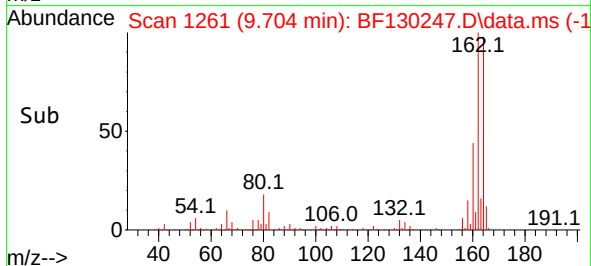
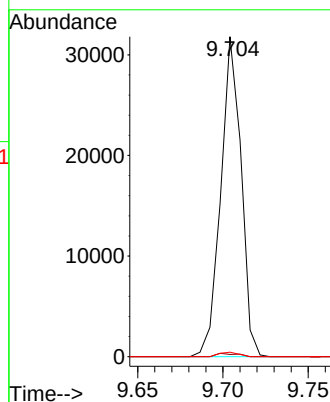
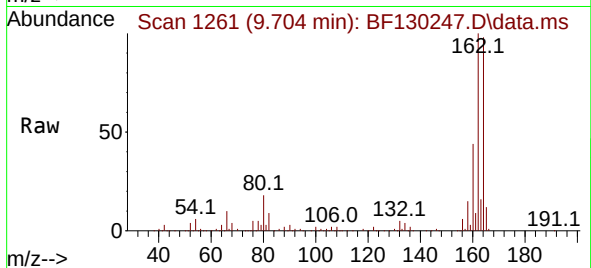
Tgt Ion:165 Resp: 26370

Ion Ratio Lower Upper

165 100

63 0.7 58.8 88.2#

89 1.4 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 6.895 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130247.D

Acq: 14 Sep 2022 19:08

Tgt Ion:165 Resp: 26370

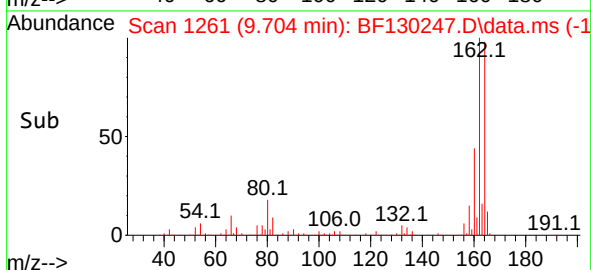
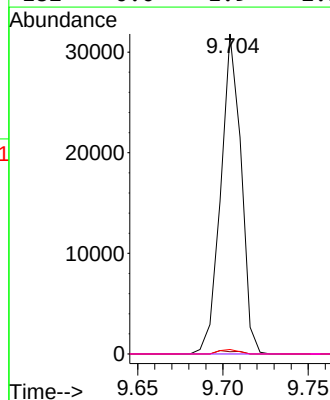
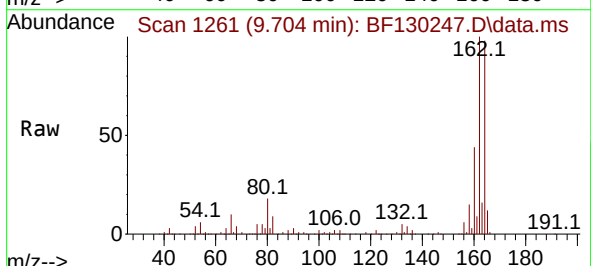
Ion Ratio Lower Upper

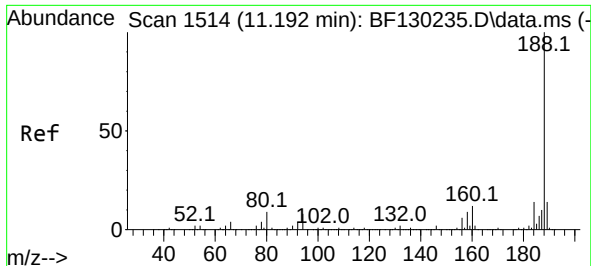
165 100

63 0.7 44.7 67.1#

89 1.4 69.0 103.4#

182 0.0 1.9 2.9#

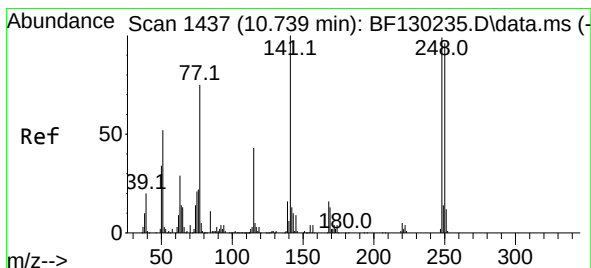
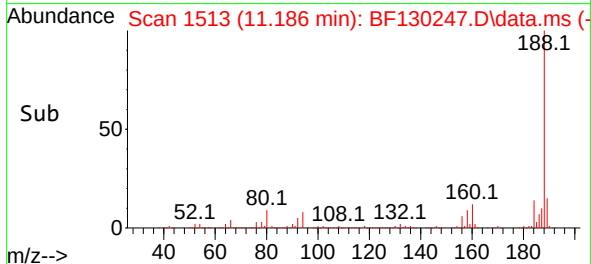
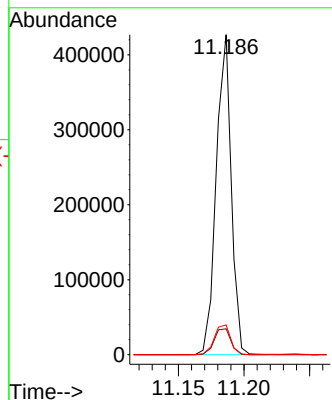
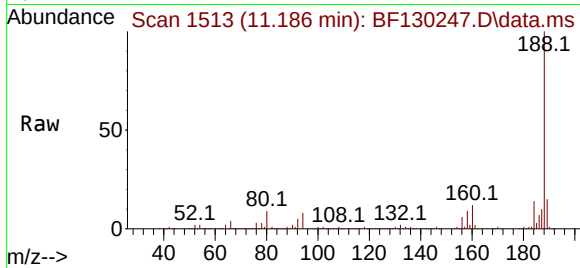




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

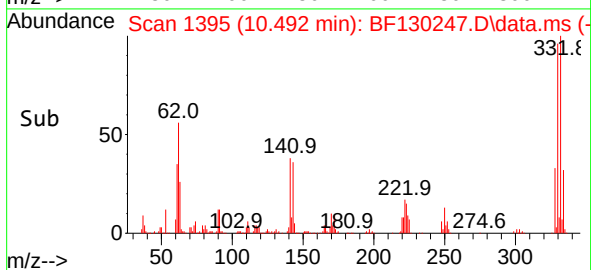
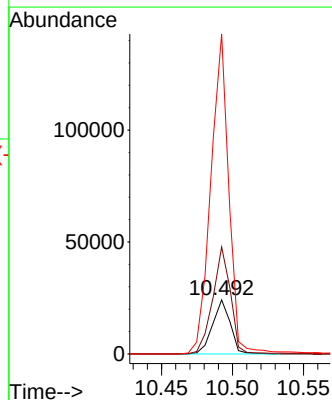
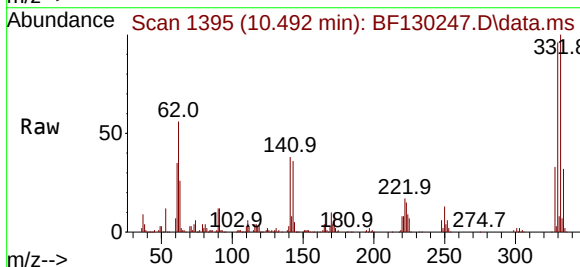
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

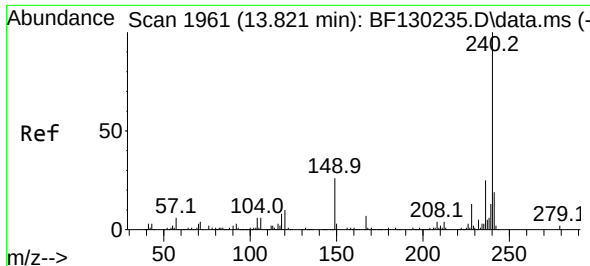
Tgt Ion:188 Resp: 338730
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.607 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion:248 Resp: 20952
Ion Ratio Lower Upper
248 100
250 197.6 80.0 120.0#
141 590.9 68.5 102.7#

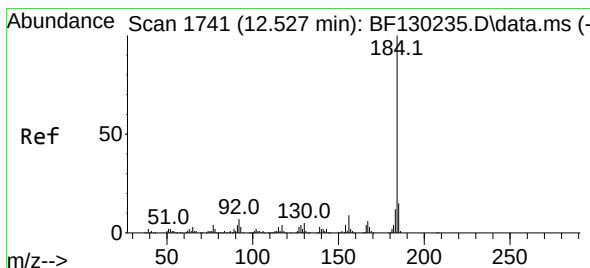
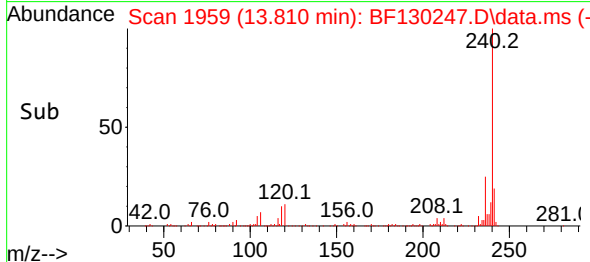
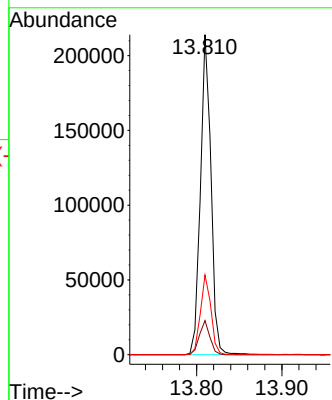
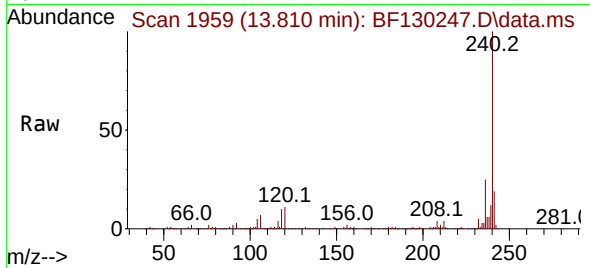




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

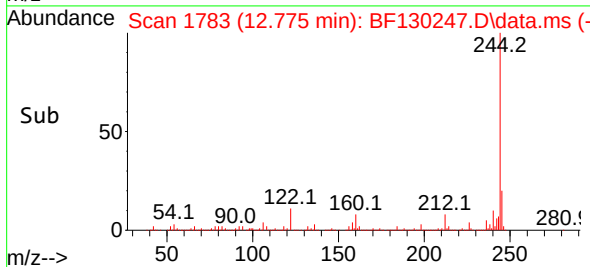
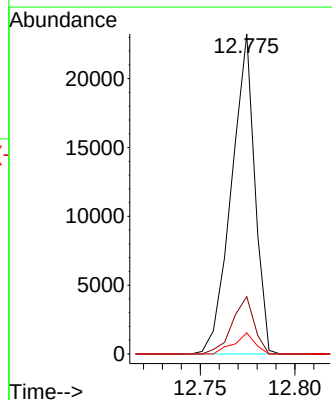
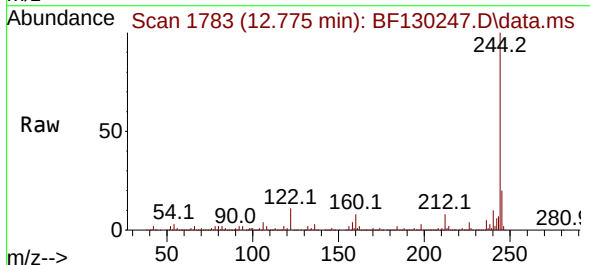
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-2

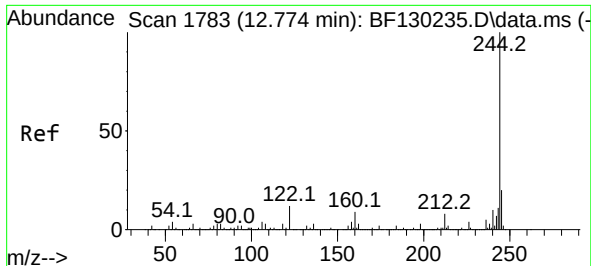
Tgt Ion:240 Resp: 183642
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 24.9 20.9 31.3



#77
Benzidine
Concen: 3.744 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130247.D
Acq: 14 Sep 2022 19:08

Tgt Ion:184 Resp: 19957
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.6#
183 6.6 9.1 13.7#

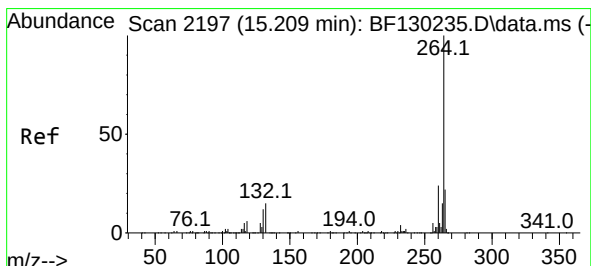
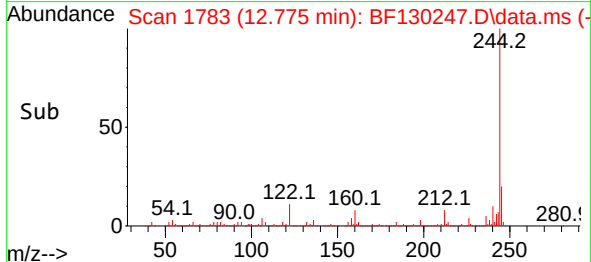
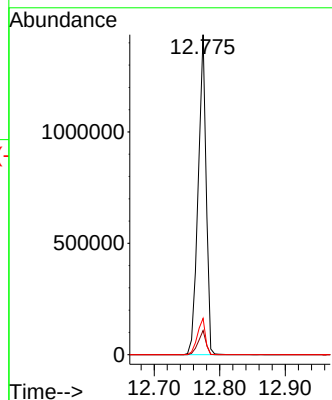
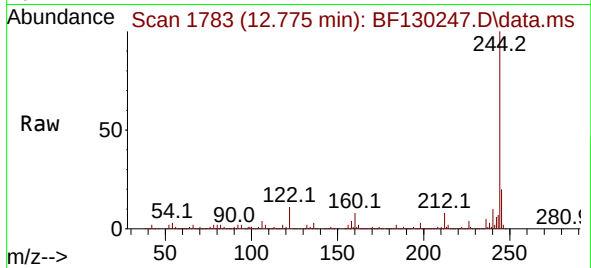




#79
 Terphenyl-d14
 Concen: 109.880 ng
 RT: 12.775 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130247.D
 Acq: 14 Sep 2022 19:08

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-2

Tgt Ion:244 Resp: 1218149
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.4 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: BF130247.D
 Acq: 14 Sep 2022 19:08

Tgt Ion:264 Resp: 139447
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.3 17.0 25.4

