

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130258.D
 Acq On : 15 Sep 2022 01:01
 Operator : CG\JU
 Sample : N4579-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-13

Quant Time: Sep 15 01:33:04 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)

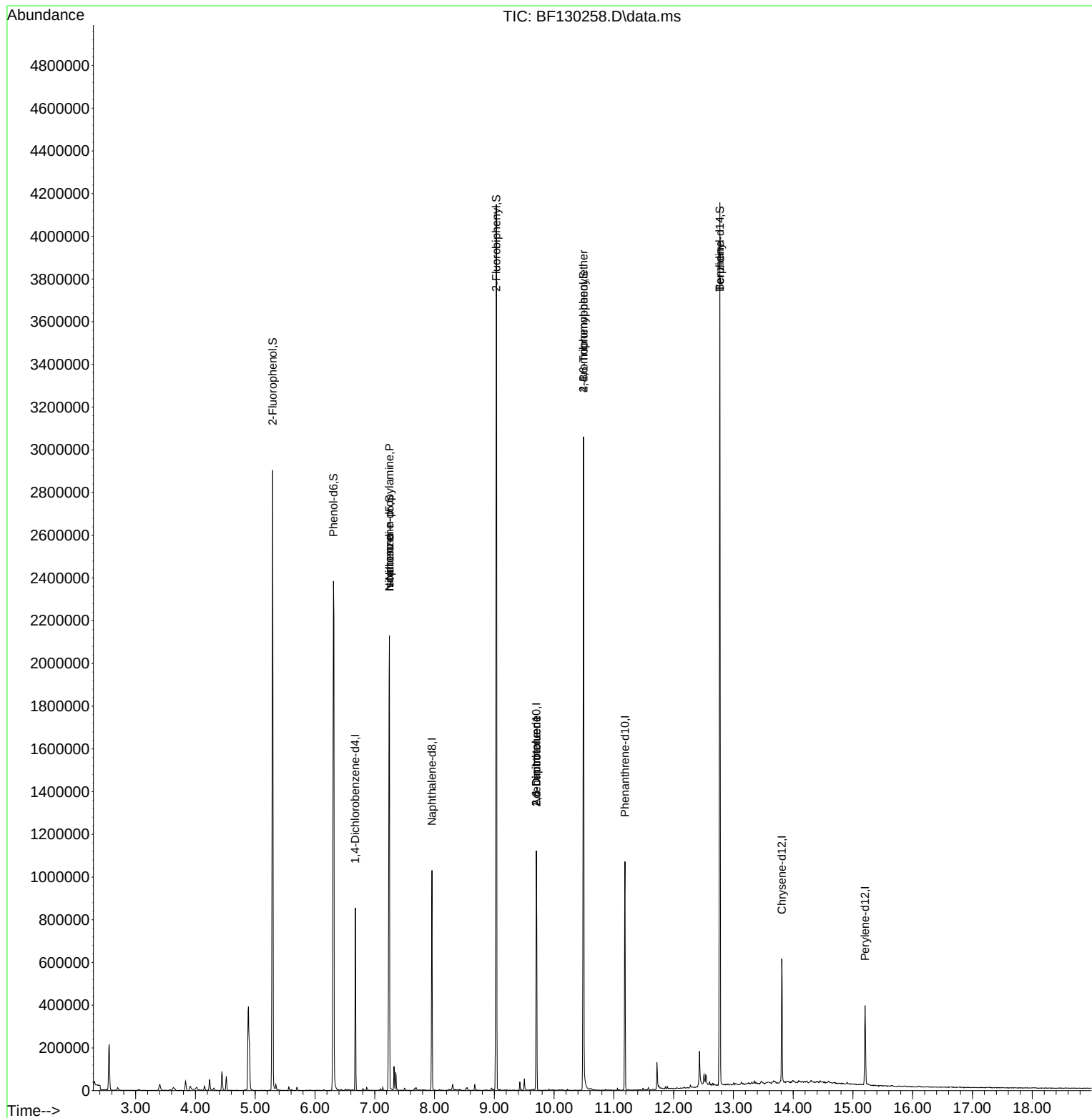
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	101817	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	408102	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	215731	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	363934	20.000	ng	0.00
76) Chrysene-d12	13.810	240	187487	20.000	ng	-0.01
86) Perylene-d12	15.204	264	152440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	820751	139.816	ng	0.02
7) Phenol-d6	6.310	99	961494	130.904	ng	0.00
23) Nitrobenzene-d5	7.245	82	730206	91.411	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	355157	171.813	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1347717	90.971	ng	0.00
79) Terphenyl-d14	12.774	244	1288525	113.844	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	101790	20.538	ng	# 74
25) Isophorone	7.245	82	730198	56.715	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	27543	8.838	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27543	6.915	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	22280	5.550	ng	# 1
77) Benzidine	12.774	184	19762	3.631	ng	# 92

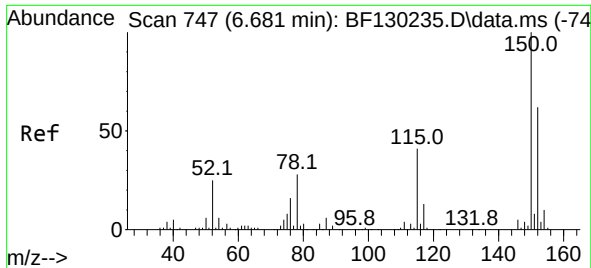
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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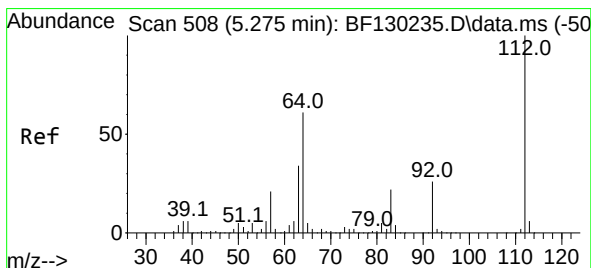
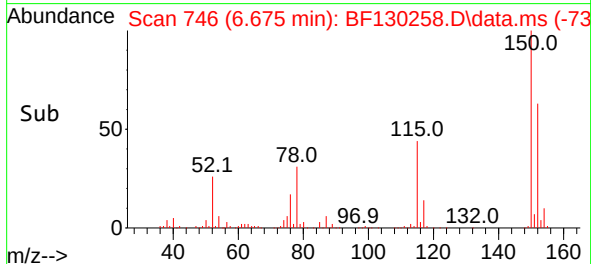
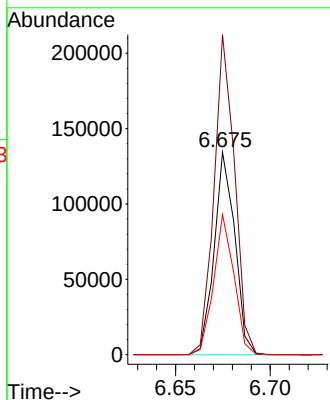
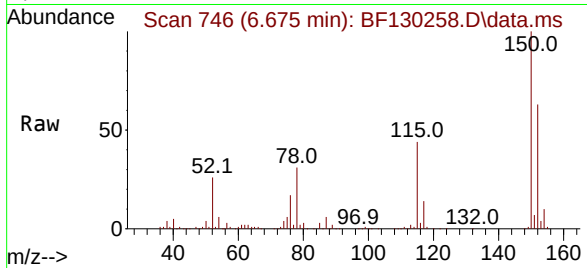




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130258.D
 Acq: 15 Sep 2022 01:01

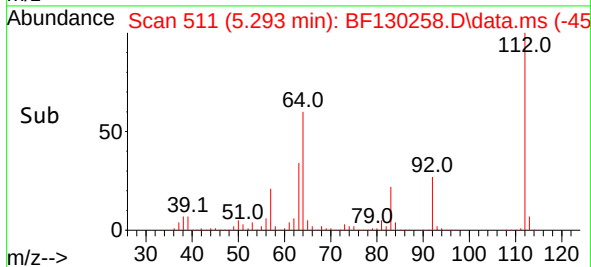
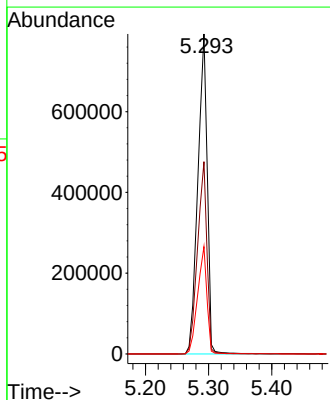
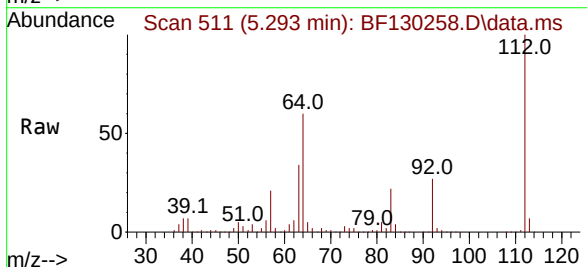
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-13

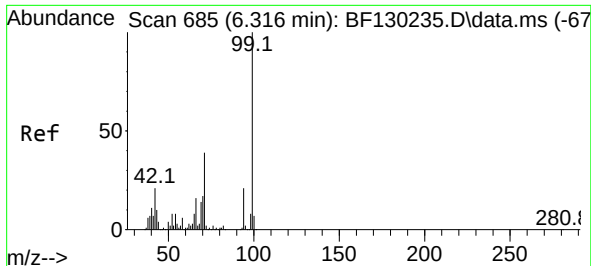
Tgt Ion:152 Resp: 101817
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.8 184.2
 115 69.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 139.816 ng
 RT: 5.293 min Scan# 511
 Delta R.T. 0.018 min
 Lab File: BF130258.D
 Acq: 15 Sep 2022 01:01

Tgt Ion:112 Resp: 820751
 Ion Ratio Lower Upper
 112 100
 64 60.1 51.4 77.0
 63 33.6 28.8 43.2

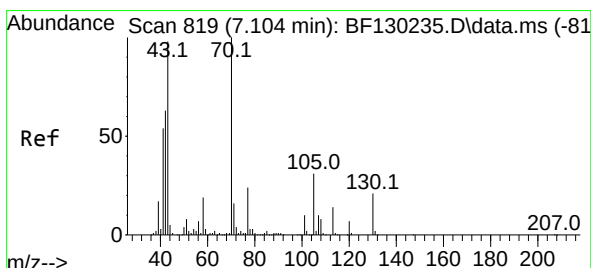
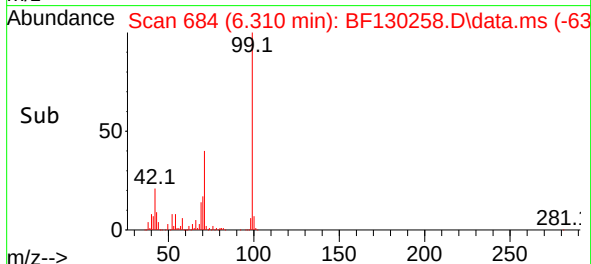
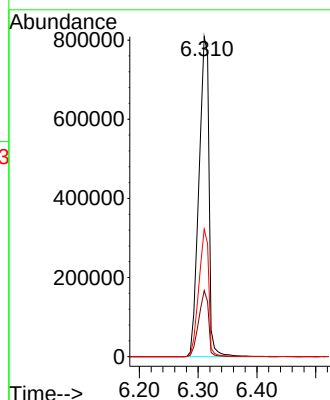
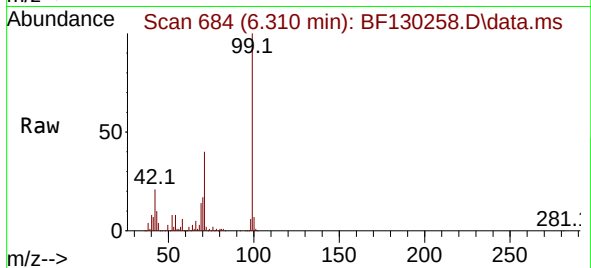




#7
Phenol-d6
Concen: 130.904 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

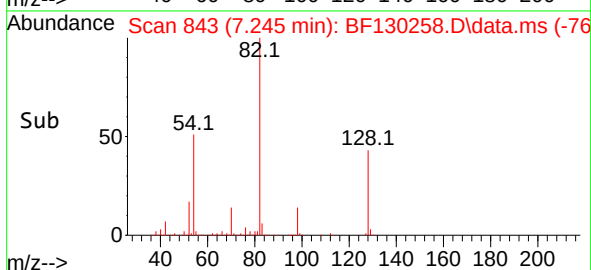
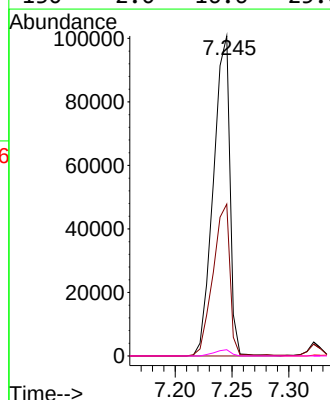
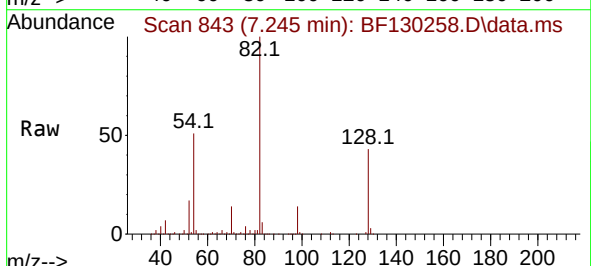
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-13

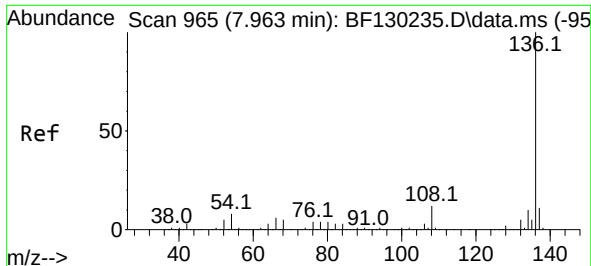
Tgt Ion: 99 Resp: 961494
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.538 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion: 70 Resp: 101790
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

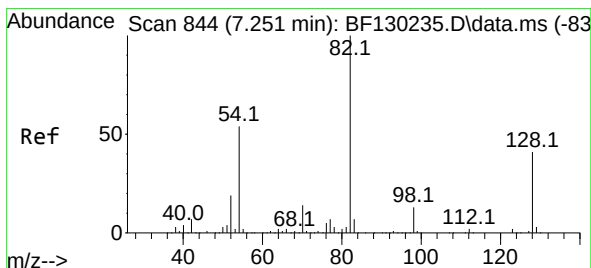
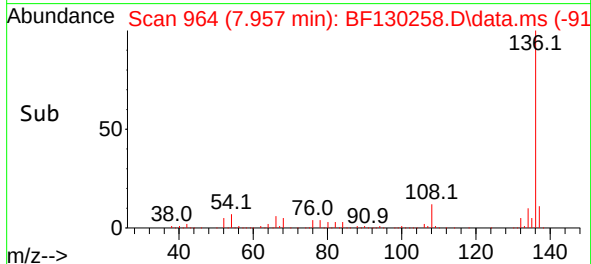
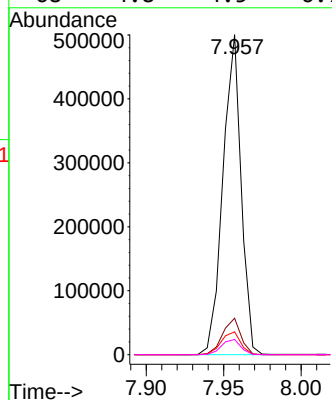
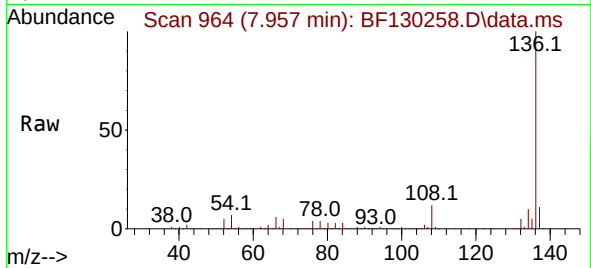




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

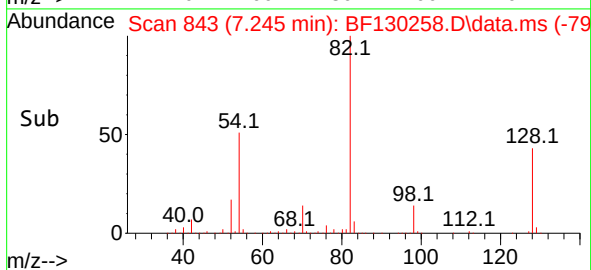
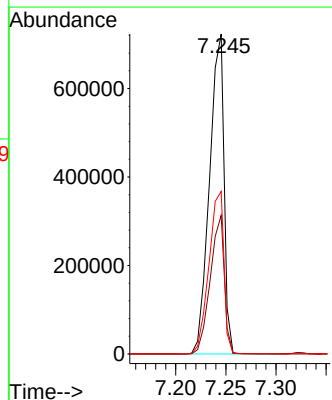
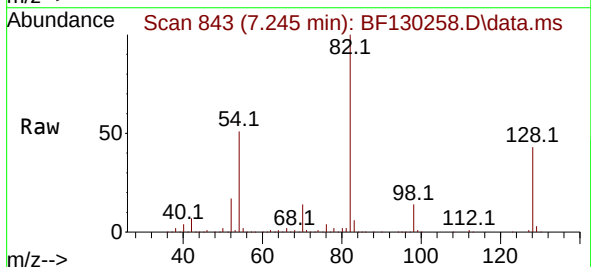
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-13

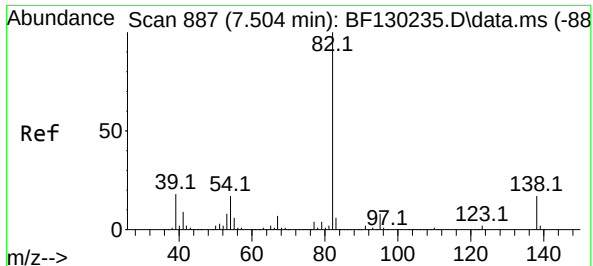
Tgt Ion:136 Resp: 408102
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.2 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.411 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion: 82 Resp: 730206
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.8 43.8 65.6

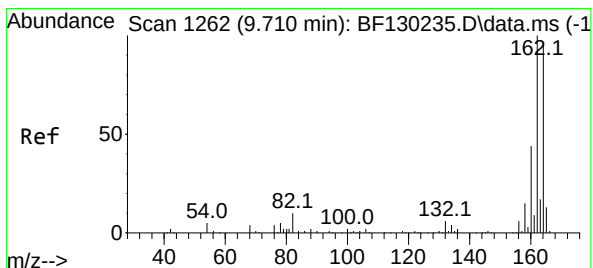
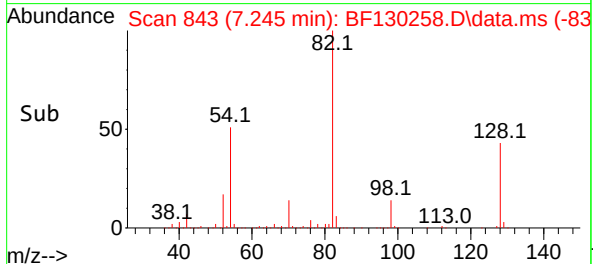
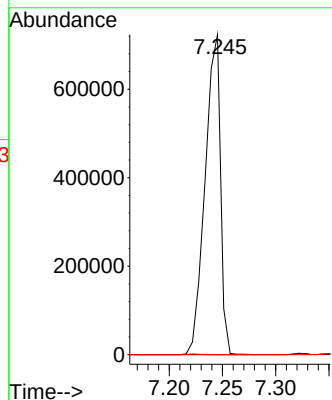
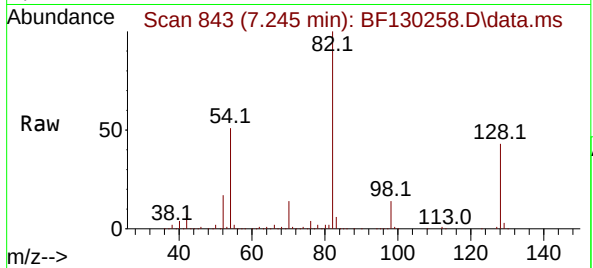




#25
Isophorone
Concen: 56.715 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

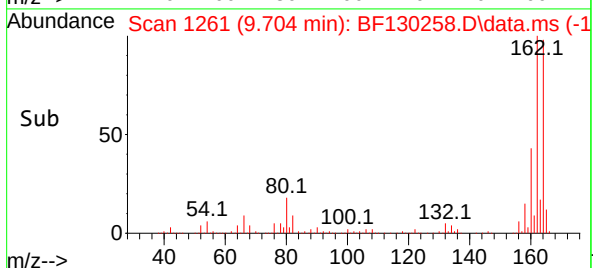
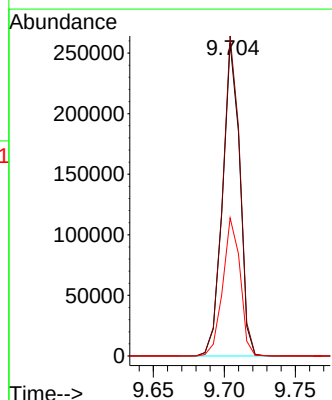
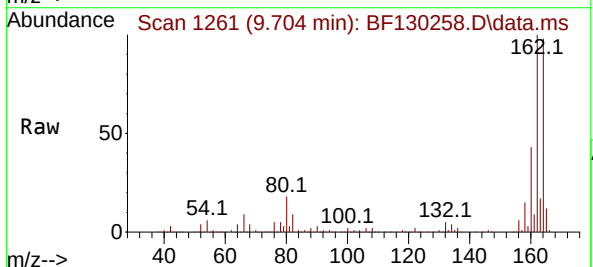
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-13

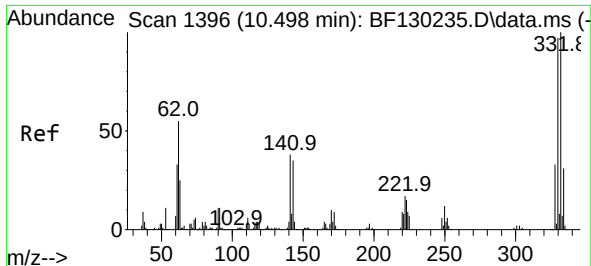
Tgt Ion: 82 Resp: 730198
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion:164 Resp: 215731
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.1 36.2 54.4

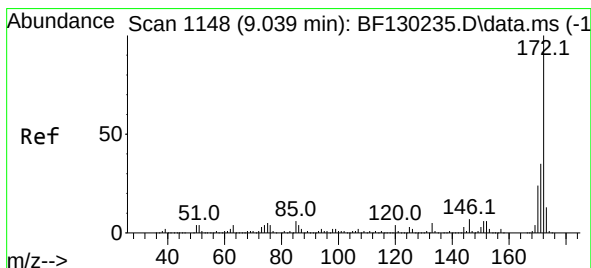
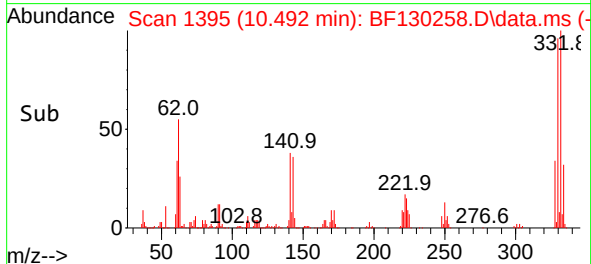
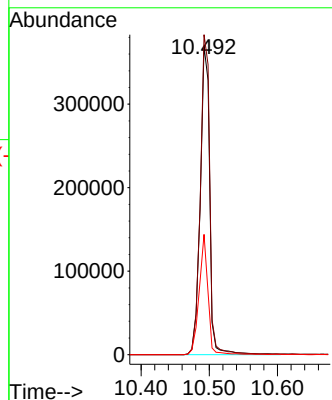
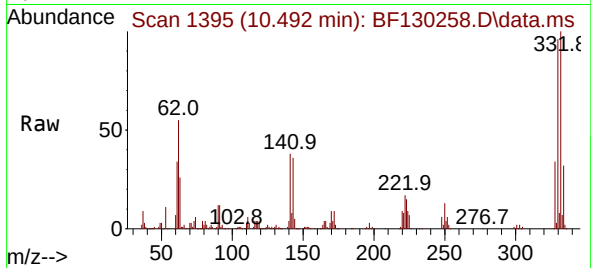




#42
2,4,6-Tribromophenol
Concen: 171.813 ng
RT: 10.492 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

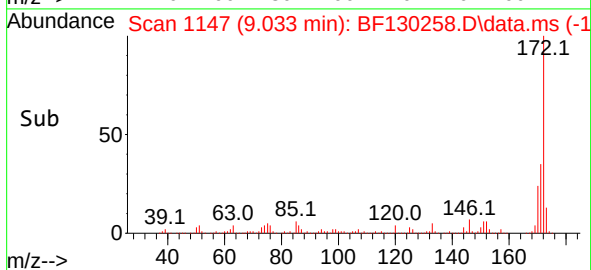
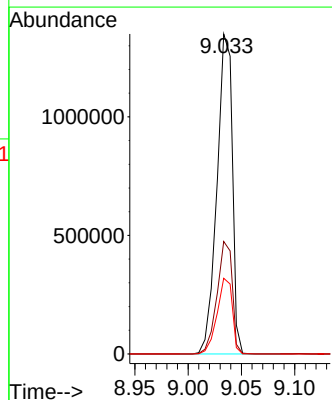
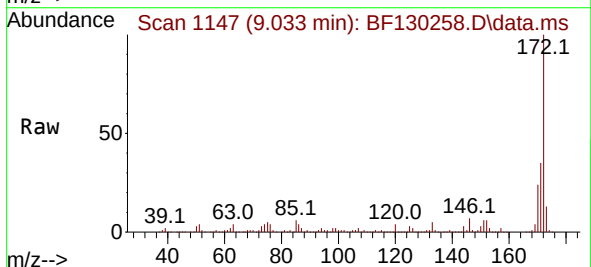
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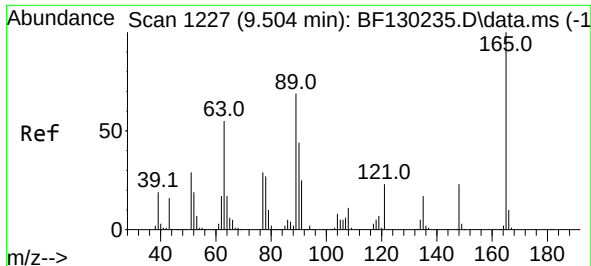
Tgt Ion:330 Resp: 355157
Ion Ratio Lower Upper
330 100
332 103.9 83.4 125.2
141 36.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 90.971 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130258.D
Acq: 15 Sep 2022 01:01

Tgt Ion:172 Resp: 1347717
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.838 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-13

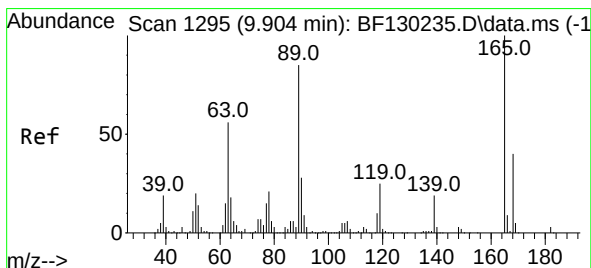
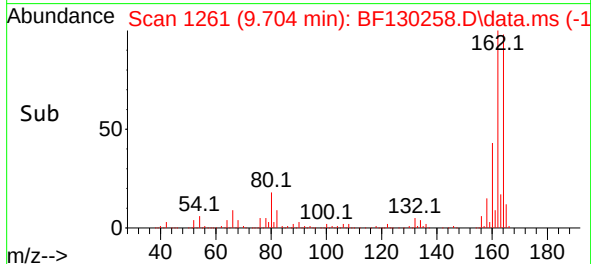
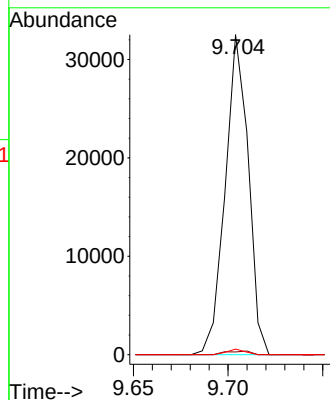
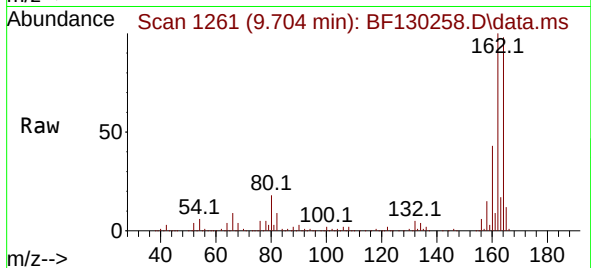
Tgt Ion:165 Resp: 27543

Ion Ratio Lower Upper

165 100

63 0.8 58.8 88.2#

89 1.8 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 6.915 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

Tgt Ion:165 Resp: 27543

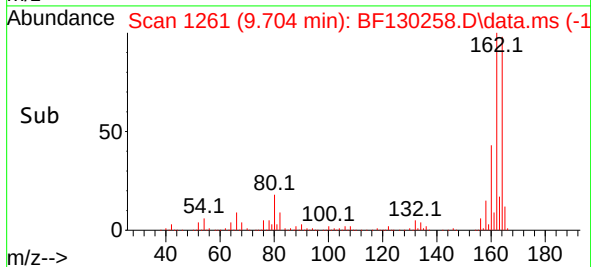
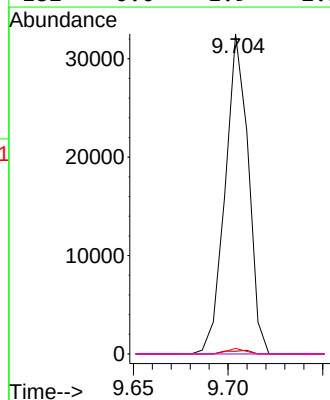
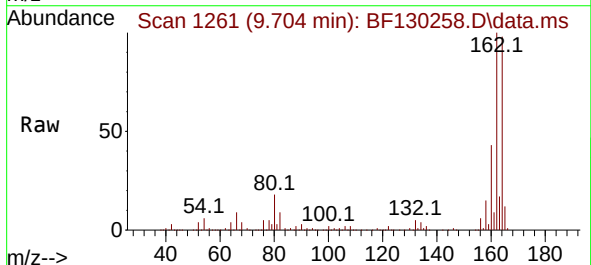
Ion Ratio Lower Upper

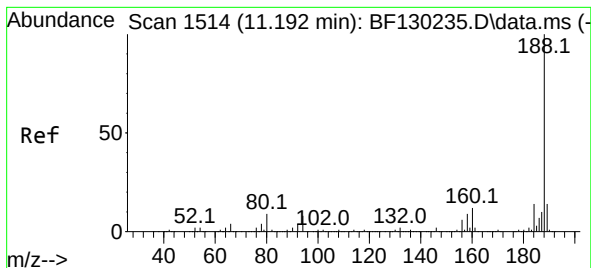
165 100

63 0.8 44.7 67.1#

89 1.8 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: BF130258.D

Acq: 15 Sep 2022 01:01

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CHERRY-HILL-COMP-13

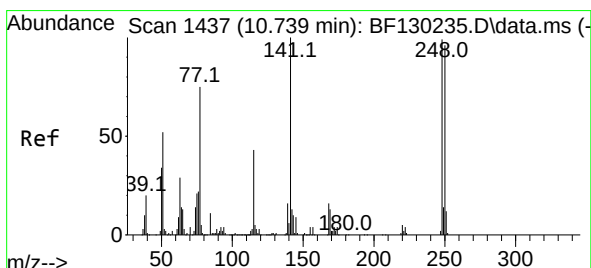
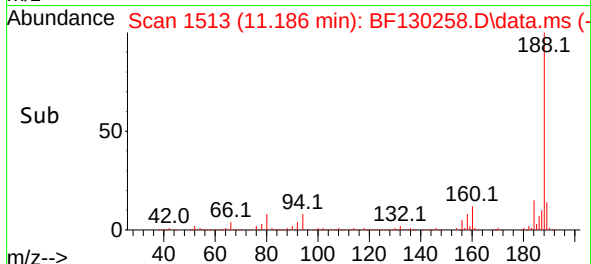
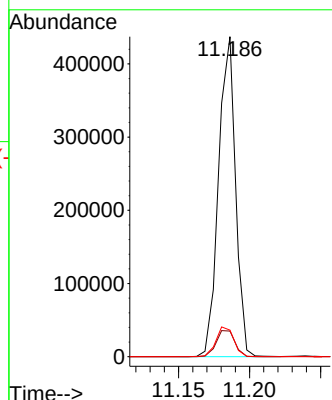
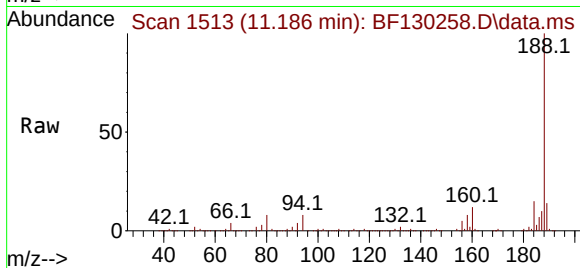
Tgt Ion:188 Resp: 363934

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 8.3 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.550 ng

RT: 10.492 min Scan# 1395

Delta R.T. -0.247 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

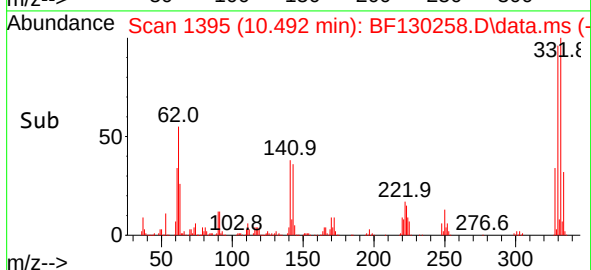
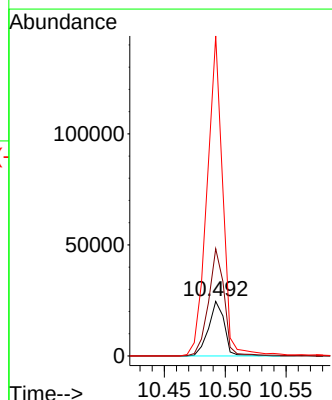
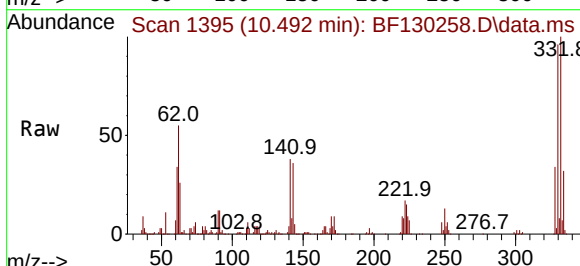
Tgt Ion:248 Resp: 22280

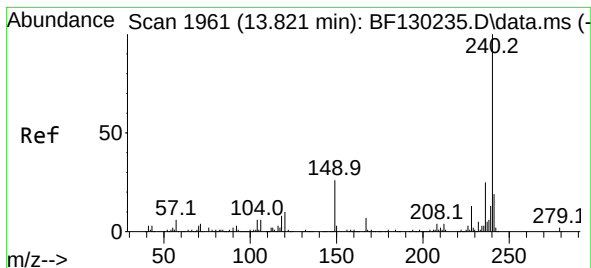
Ion Ratio Lower Upper

248 100

250 196.4 80.0 120.0#

141 586.0 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: BF130258.D

Acq: 15 Sep 2022 01:01

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-13

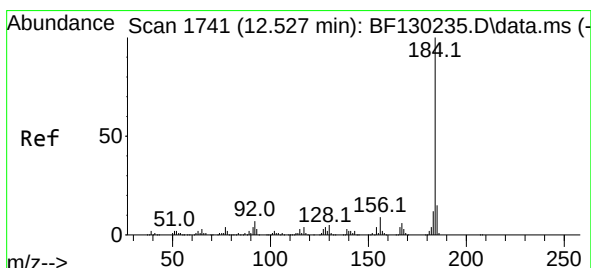
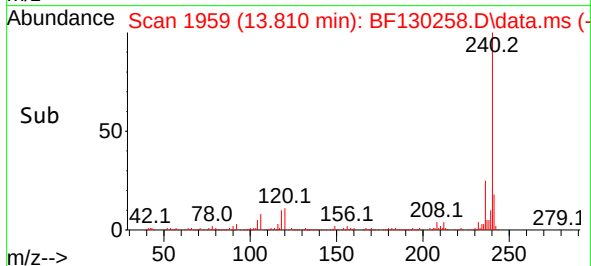
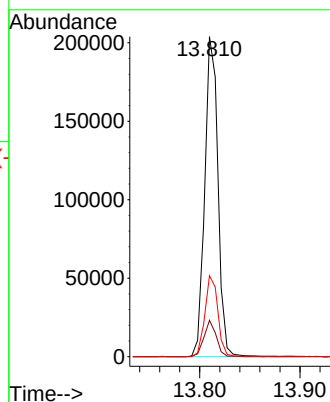
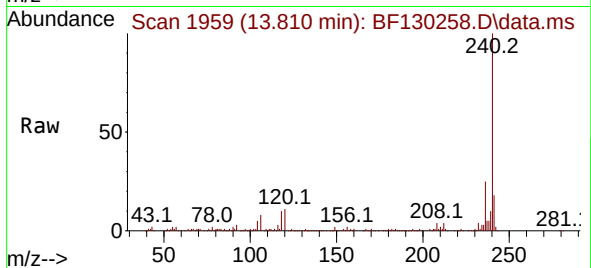
Tgt Ion:240 Resp: 187487

Ion Ratio Lower Upper

240 100

120 11.4 8.7 13.1

236 25.3 20.9 31.3



#77

Benzidine

Concen: 3.631 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130258.D

Acq: 15 Sep 2022 01:01

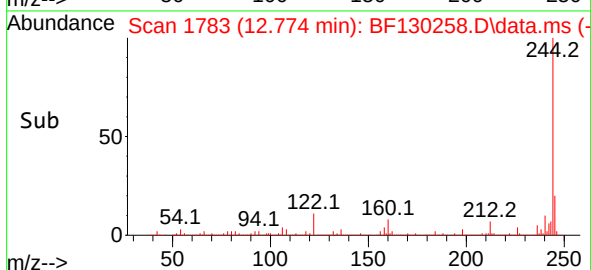
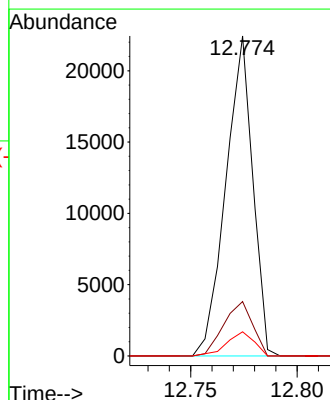
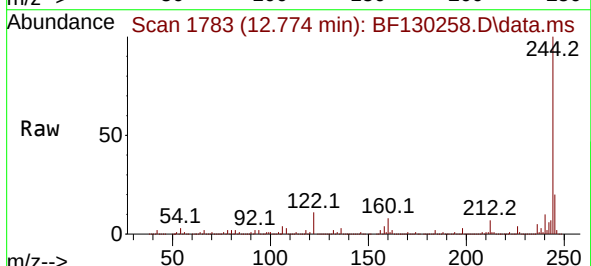
Tgt Ion:184 Resp: 19762

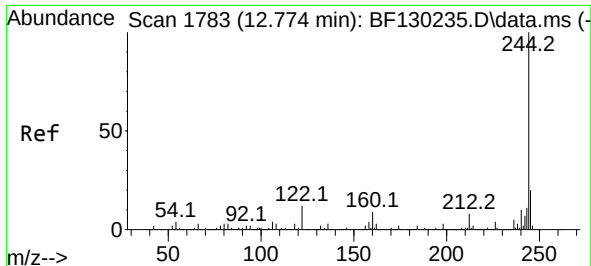
Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.6

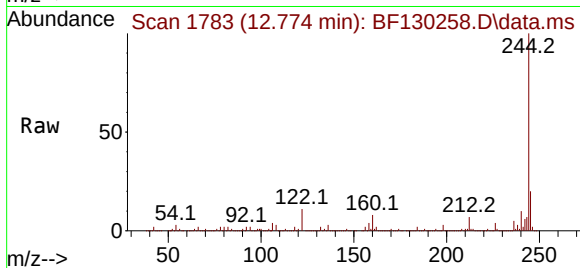
183 7.6 9.1 13.7#



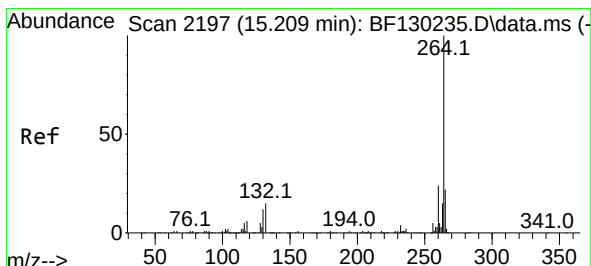
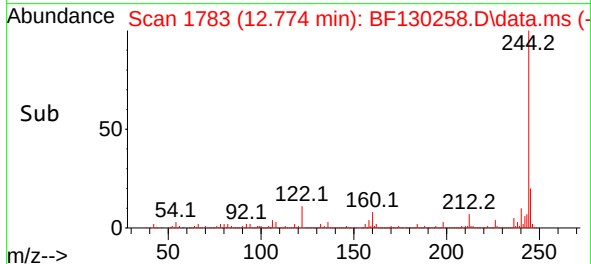
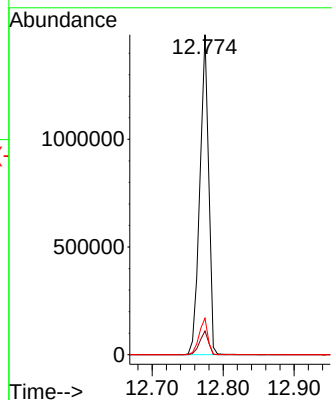


#79
 Terphenyl-d14
 Concen: 113.844 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130258.D
 Acq: 15 Sep 2022 01:01

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-13



Tgt Ion:244 Resp: 1288525
 Ion Ratio Lower Upper
 244 100
 212 7.4 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: BF130258.D
 Acq: 15 Sep 2022 01:01

Tgt Ion:264 Resp: 152440
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.9 17.0 25.4

