

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130256.D
 Acq On : 14 Sep 2022 23:57
 Operator : CG\JU
 Sample : N4578-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-11

Quant Time: Sep 15 01:29:42 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)

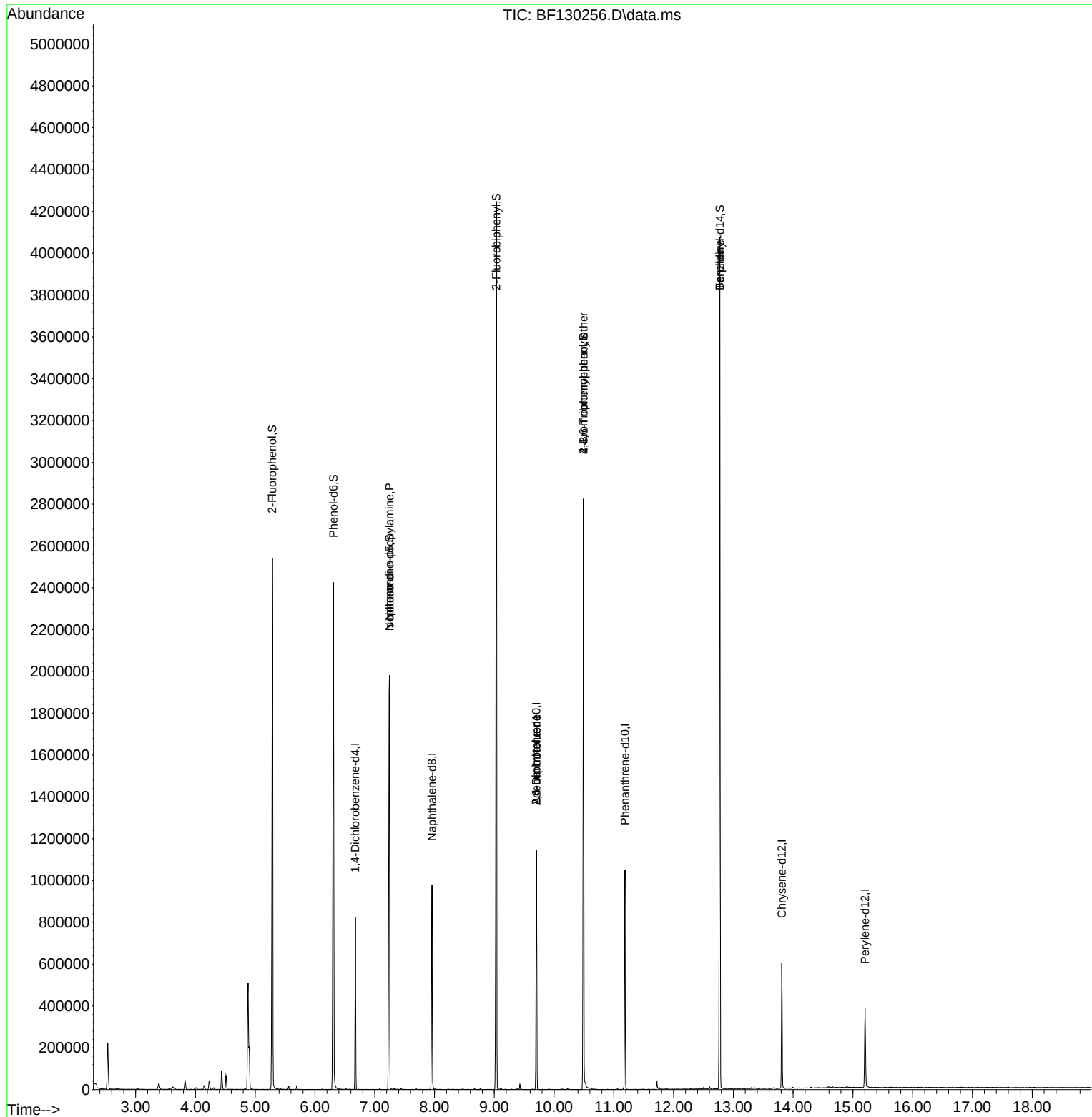
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	97990	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	393139	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	209285	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	348479	20.000	ng	0.00
76) Chrysene-d12	13.810	240	183721	20.000	ng	-0.01
86) Perylene-d12	15.204	264	152389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	718028	127.094	ng	0.01
7) Phenol-d6	6.310	99	805558	113.957	ng	0.00
23) Nitrobenzene-d5	7.245	82	705493	91.679	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	299361	149.281	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1286682	89.526	ng	0.00
79) Terphenyl-d14	12.775	244	1236690	111.504	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	98433	20.636	ng	# 74
25) Isophorone	7.245	82	705486	56.881	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	27118	8.969	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27118	7.018	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	18498	4.812	ng	# 1
77) Benzydine	12.775	184	19455	3.648	ng	# 92

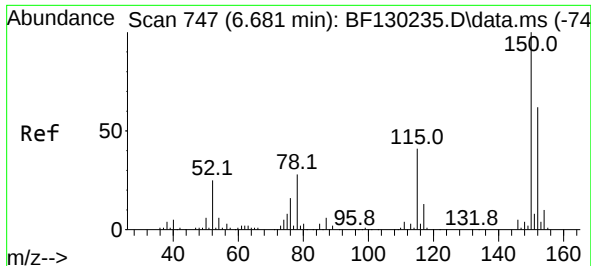
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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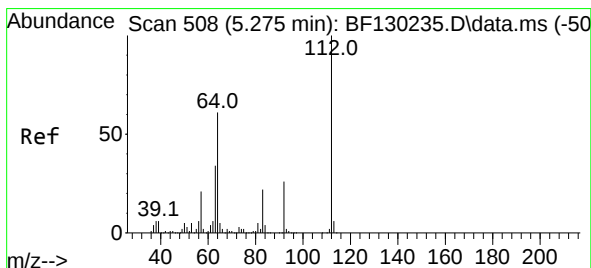
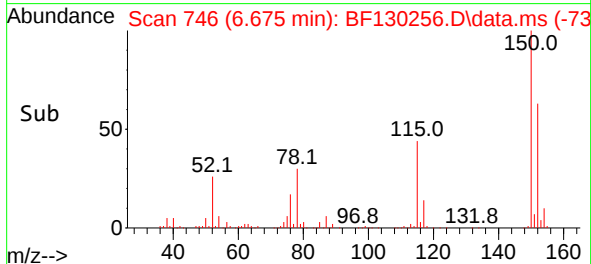
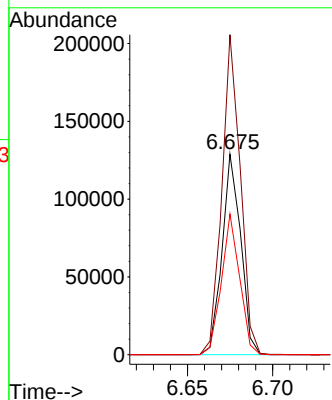
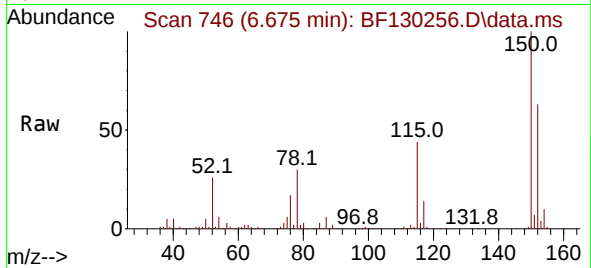




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130256.D
 Acq: 14 Sep 2022 23:57

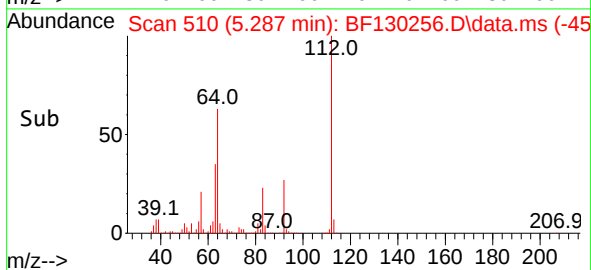
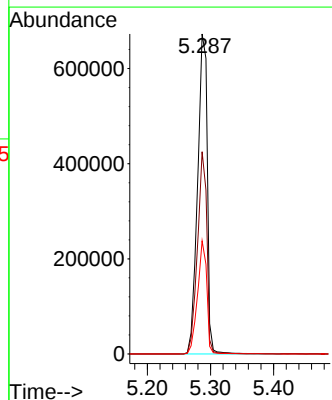
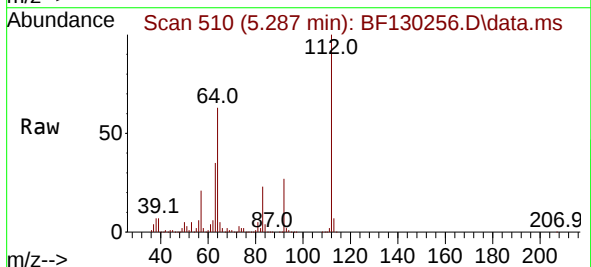
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-11

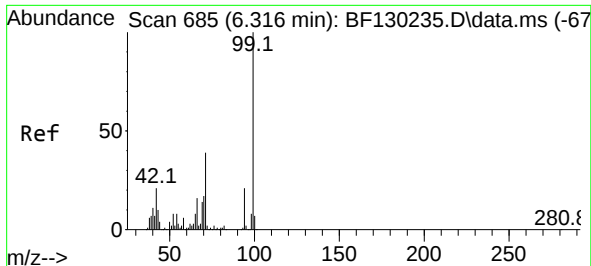
Tgt Ion:152 Resp: 97990
 Ion Ratio Lower Upper
 152 100
 150 159.6 122.8 184.2
 115 70.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 127.094 ng
 RT: 5.287 min Scan# 510
 Delta R.T. 0.012 min
 Lab File: BF130256.D
 Acq: 14 Sep 2022 23:57

Tgt Ion:112 Resp: 718028
 Ion Ratio Lower Upper
 112 100
 64 63.2 51.4 77.0
 63 35.4 28.8 43.2

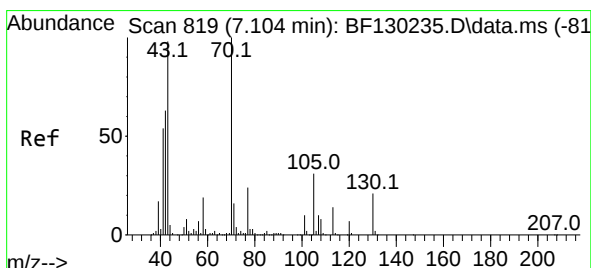
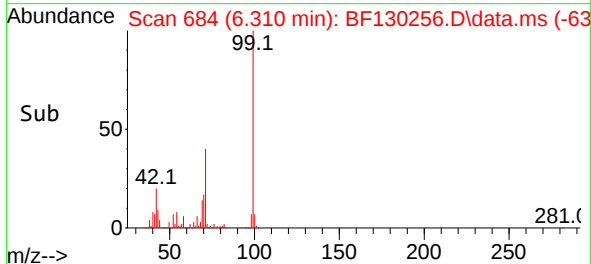
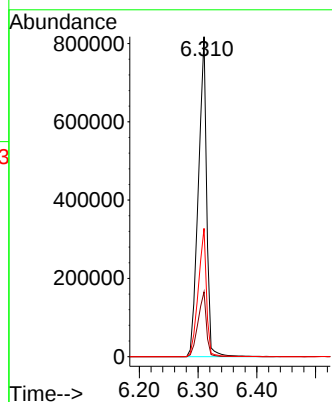
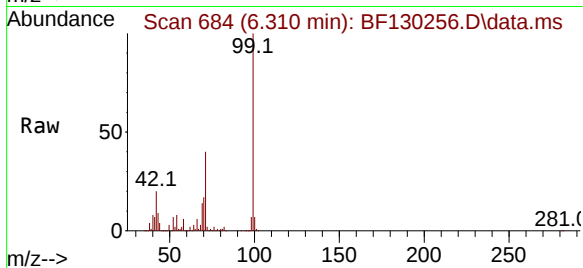




#7
Phenol-d6
Concen: 113.957 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

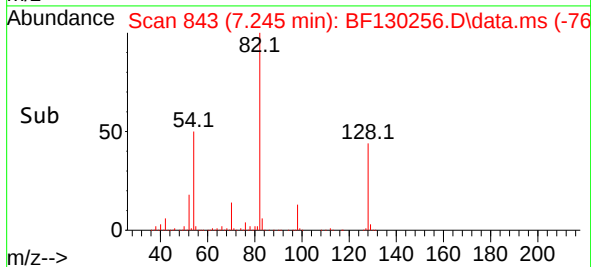
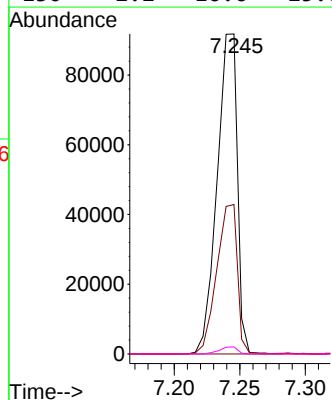
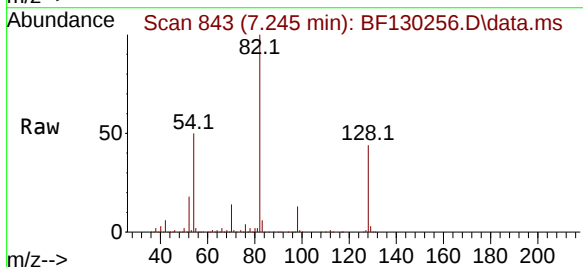
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-11

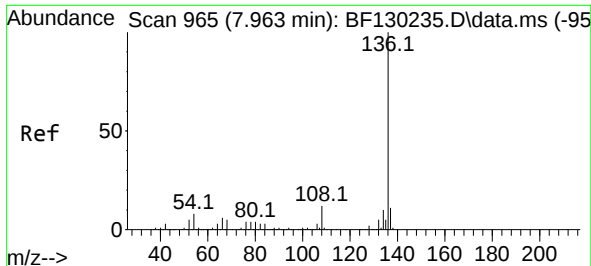
Tgt Ion: 99 Resp: 805558
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 40.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.636 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

Tgt Ion: 70 Resp: 98433
Ion Ratio Lower Upper
70 100
42 46.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

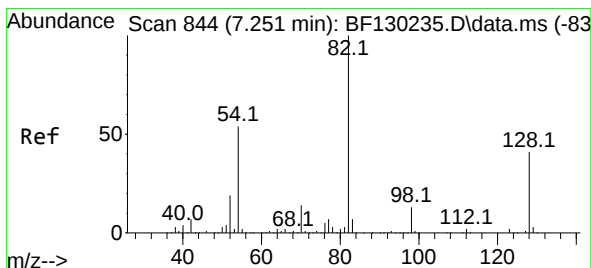
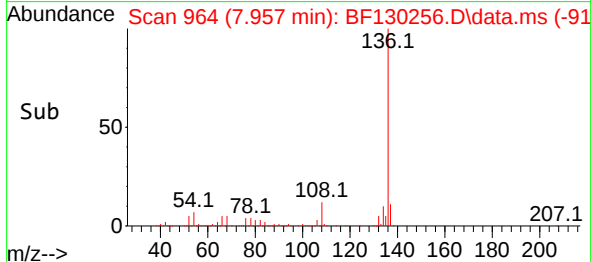
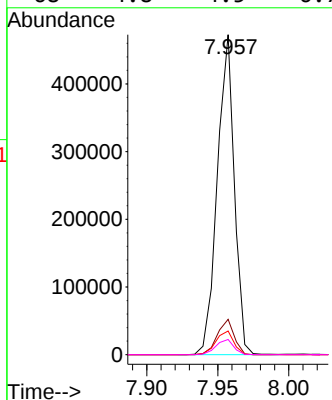
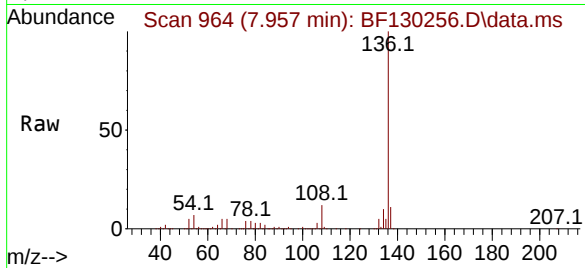




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

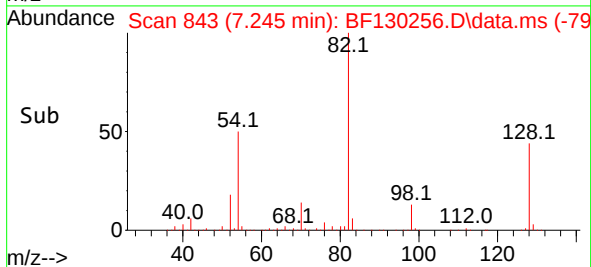
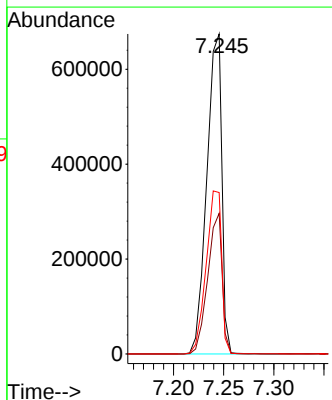
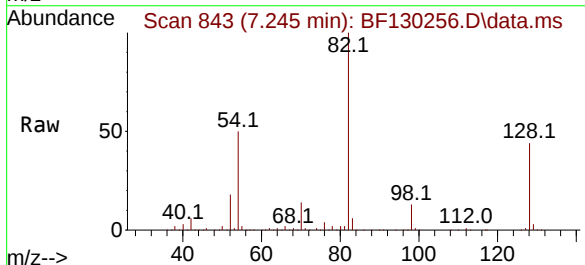
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-11

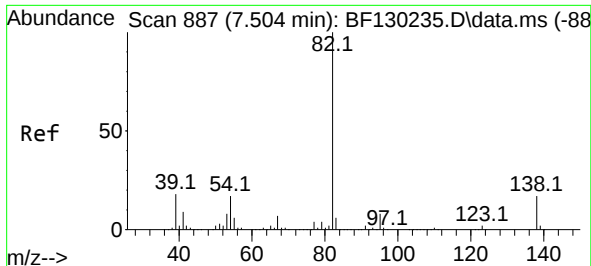
Tgt Ion:136 Resp: 393139
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.4 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.679 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

Tgt Ion: 82 Resp: 705493
Ion Ratio Lower Upper
82 100
128 43.9 32.6 49.0
54 50.5 43.8 65.6

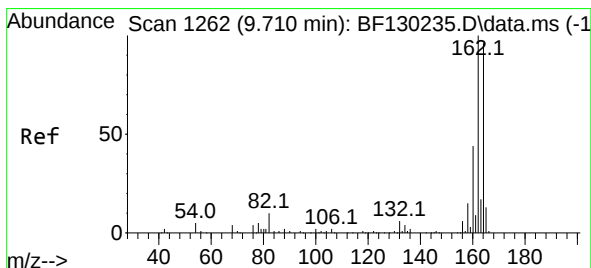
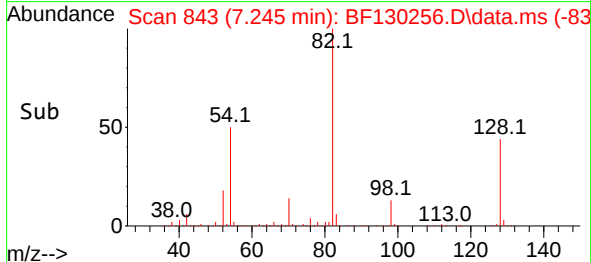
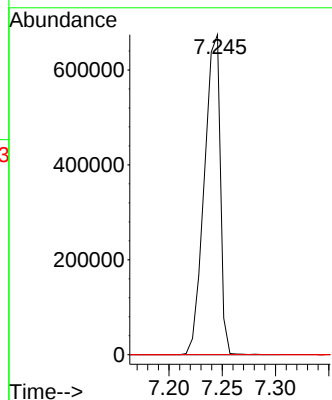
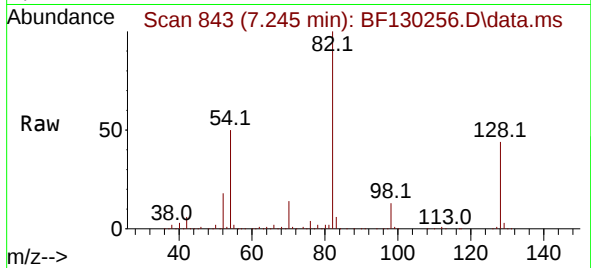




#25
Isophorone
Concen: 56.881 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

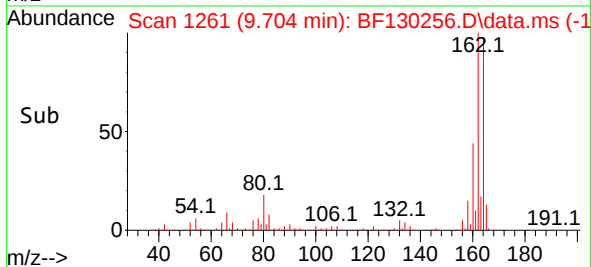
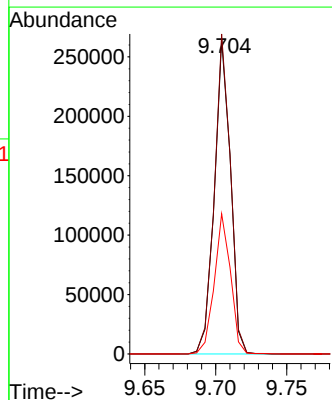
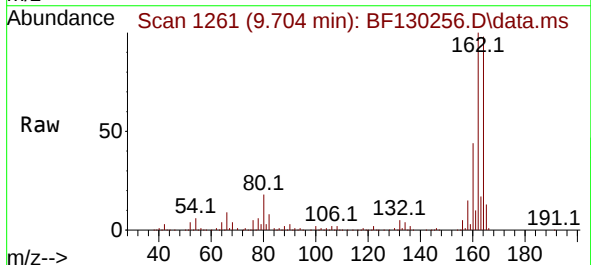
Instrument :
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CHERRY-HILL-COMP-11

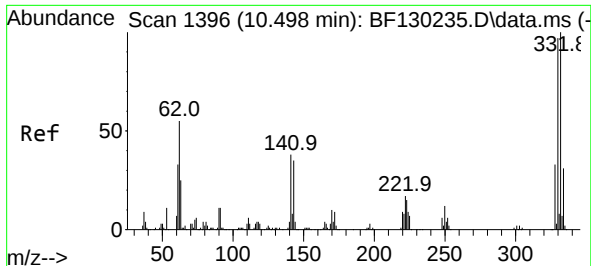
Tgt Ion: 82 Resp: 705486
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

Tgt Ion: 164 Resp: 209285
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.6 36.2 54.4

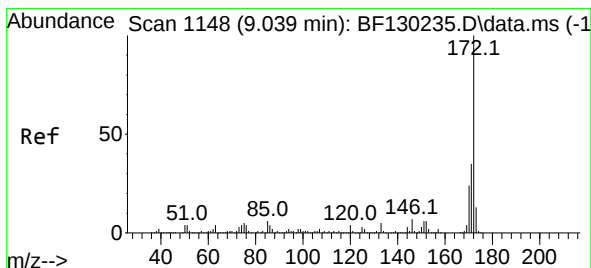
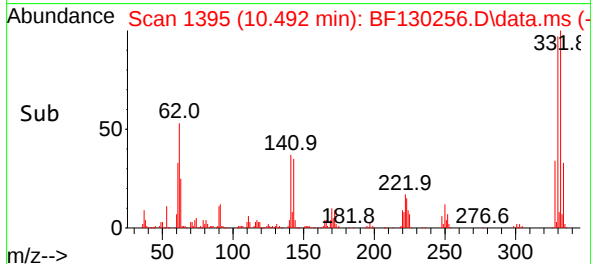
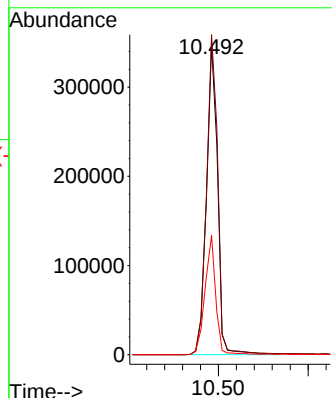
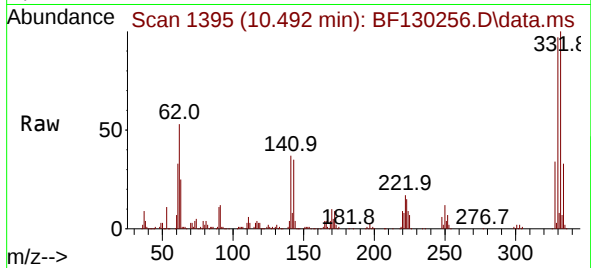




#42
2,4,6-Tribromophenol
Concen: 149.281 ng
RT: 10.492 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

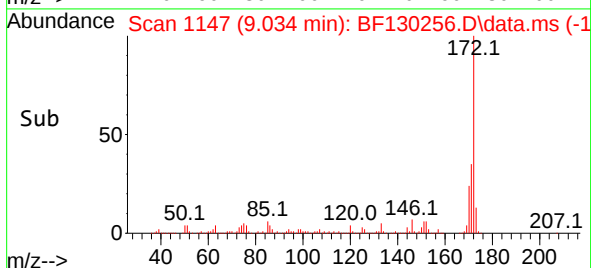
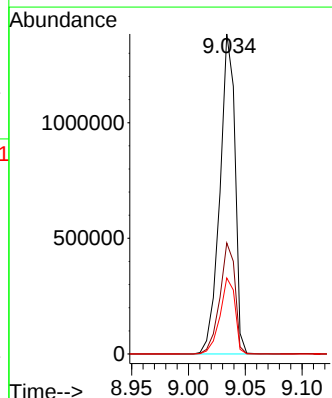
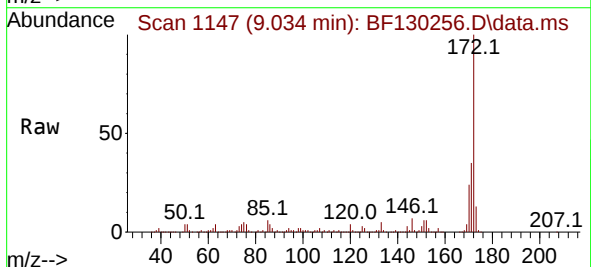
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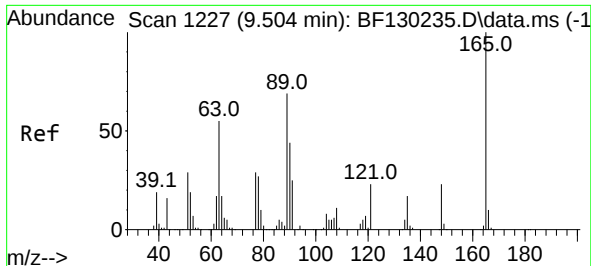
Tgt Ion:330 Resp: 299361
Ion Ratio Lower Upper
330 100
332 104.8 83.4 125.2
141 37.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 89.526 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

Tgt Ion:172 Resp: 1286682
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.8 18.7 28.1

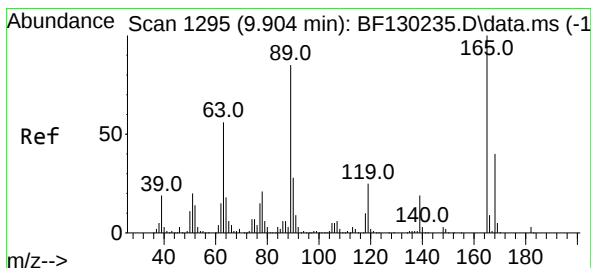
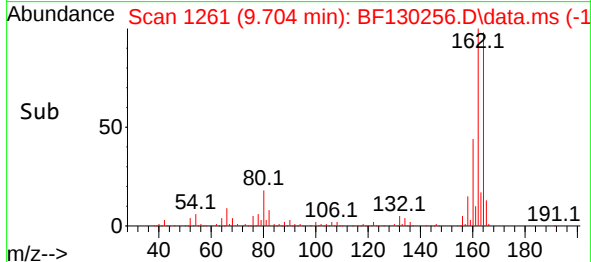
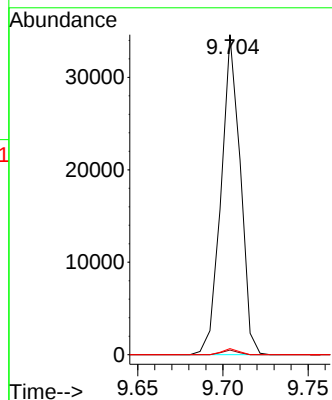
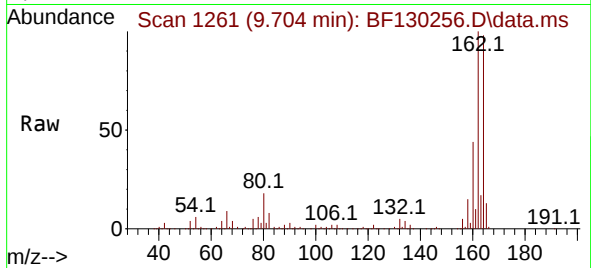




#51
2,6-Dinitrotoluene
Concen: 8.969 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

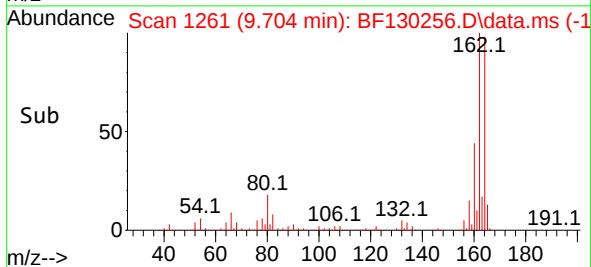
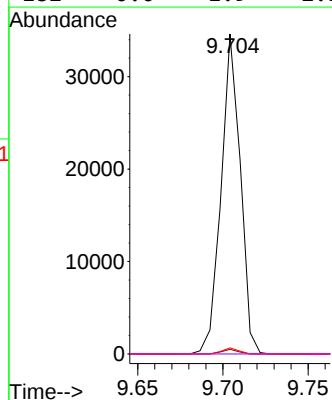
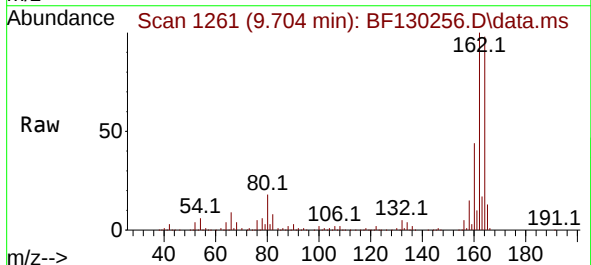
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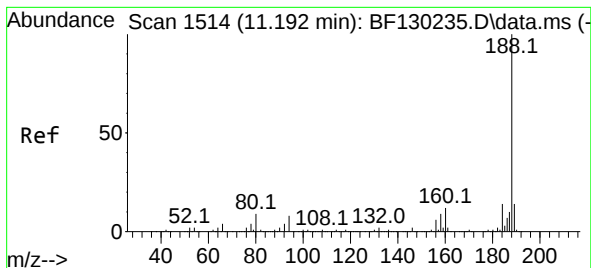
Tgt Ion:165 Resp: 27118
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.9 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130256.D
Acq: 14 Sep 2022 23:57

Tgt Ion:165 Resp: 27118
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.9 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: BF130256.D

Acq: 14 Sep 2022 23:57

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-11

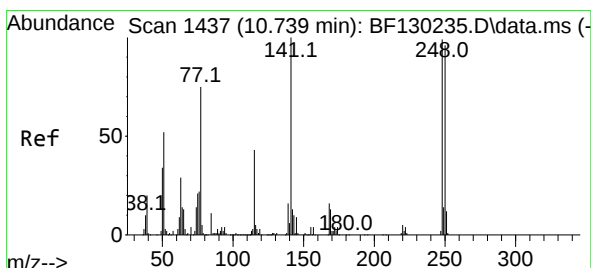
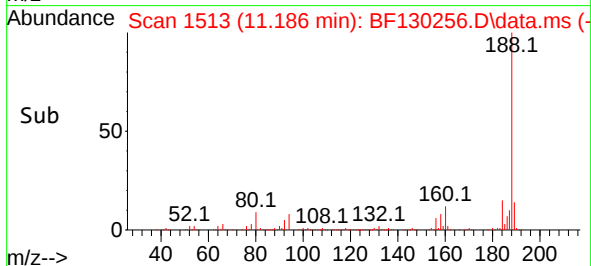
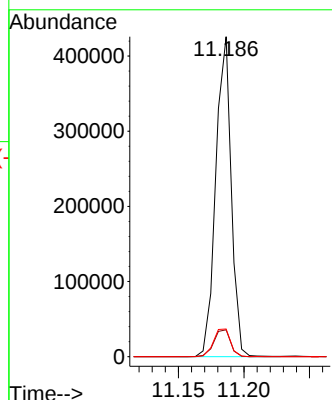
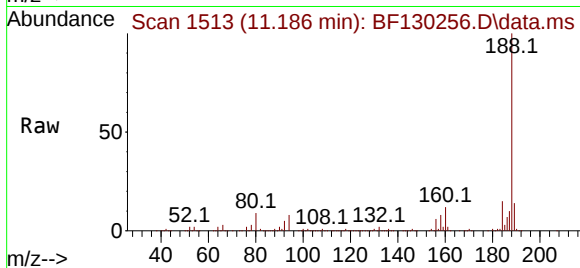
Tgt Ion:188 Resp: 348479

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 8.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.812 ng

RT: 10.492 min Scan# 1395

Delta R.T. -0.247 min

Lab File: BF130256.D

Acq: 14 Sep 2022 23:57

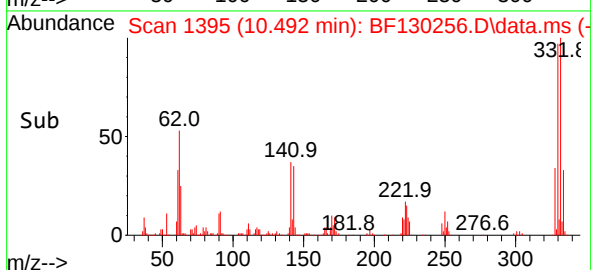
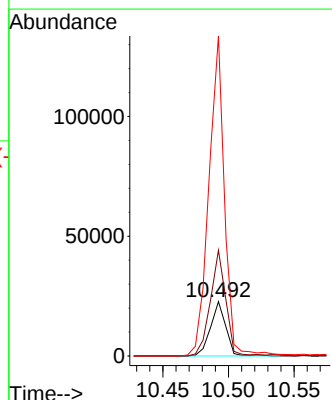
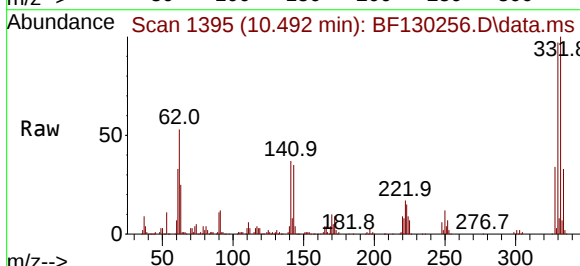
Tgt Ion:248 Resp: 18498

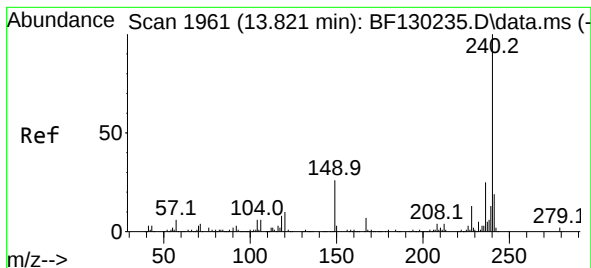
Ion Ratio Lower Upper

248 100

250 194.2 80.0 120.0#

141 587.8 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: BF130256.D

Acq: 14 Sep 2022 23:57

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-11

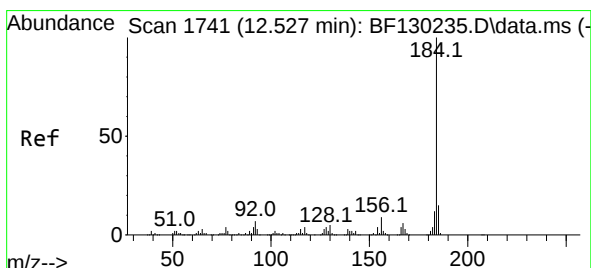
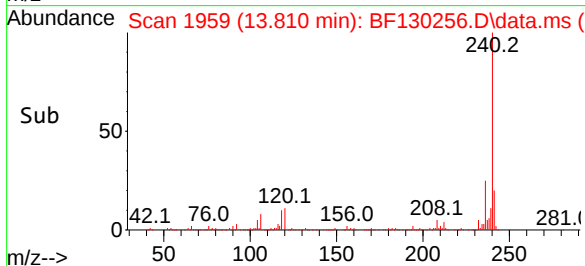
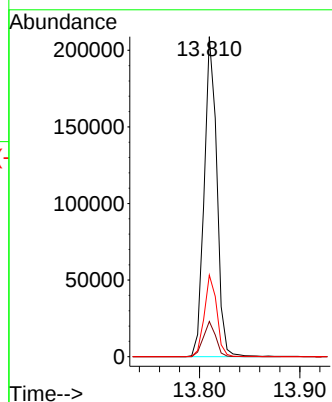
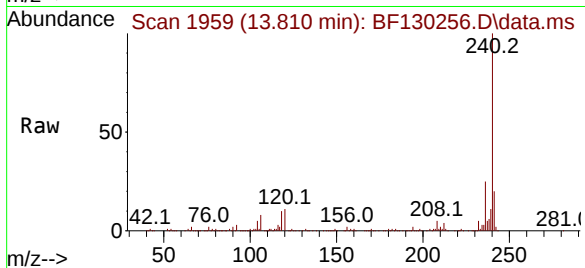
Tgt Ion:240 Resp: 183721

Ion Ratio Lower Upper

240 100

120 11.0 8.7 13.1

236 25.5 20.9 31.3



#77

Benzidine

Concen: 3.648 ng

RT: 12.775 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130256.D

Acq: 14 Sep 2022 23:57

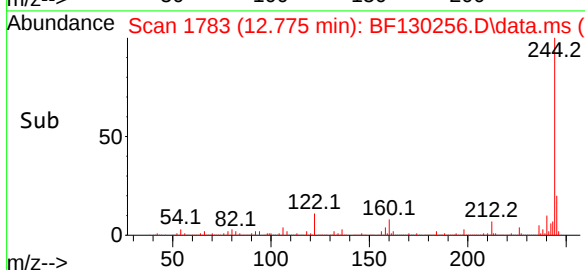
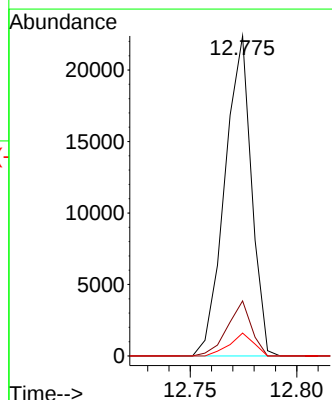
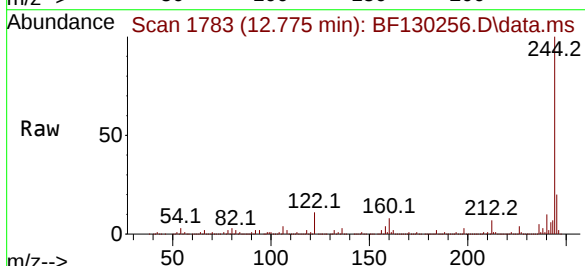
Tgt Ion:184 Resp: 19455

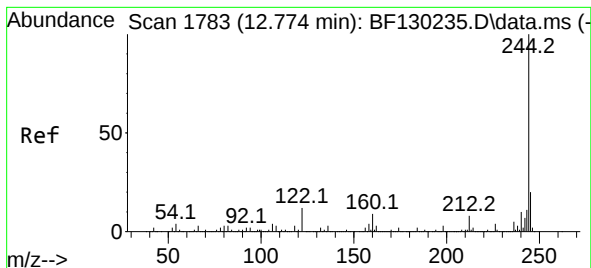
Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.6

183 7.1 9.1 13.7#





#79

Terphenyl-d14

Concen: 111.504 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130256.D

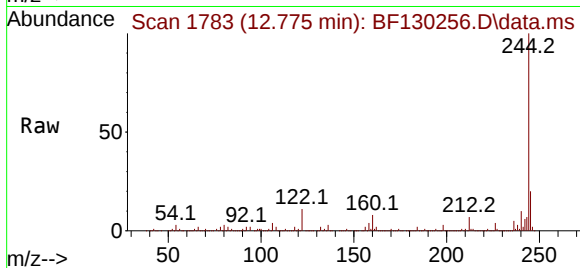
Acq: 14 Sep 2022 23:57

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-11



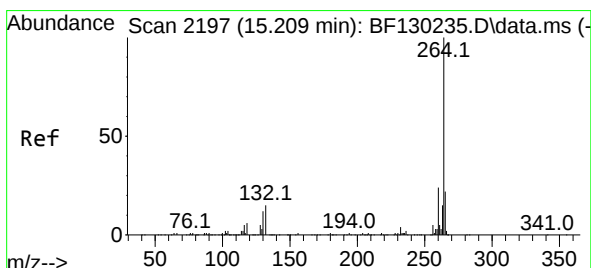
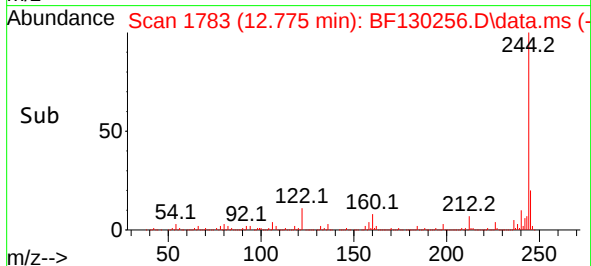
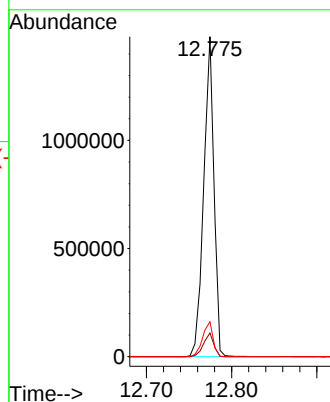
Tgt Ion:244 Resp: 1236690

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.9 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: BF130256.D

Acq: 14 Sep 2022 23:57

Tgt Ion:264 Resp: 152389

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 20.8 17.0 25.4

