

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130260.D
 Acq On : 15 Sep 2022 02:04
 Operator : CG\JU
 Sample : N4579-24
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-16

Quant Time: Sep 15 03:02:47 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)

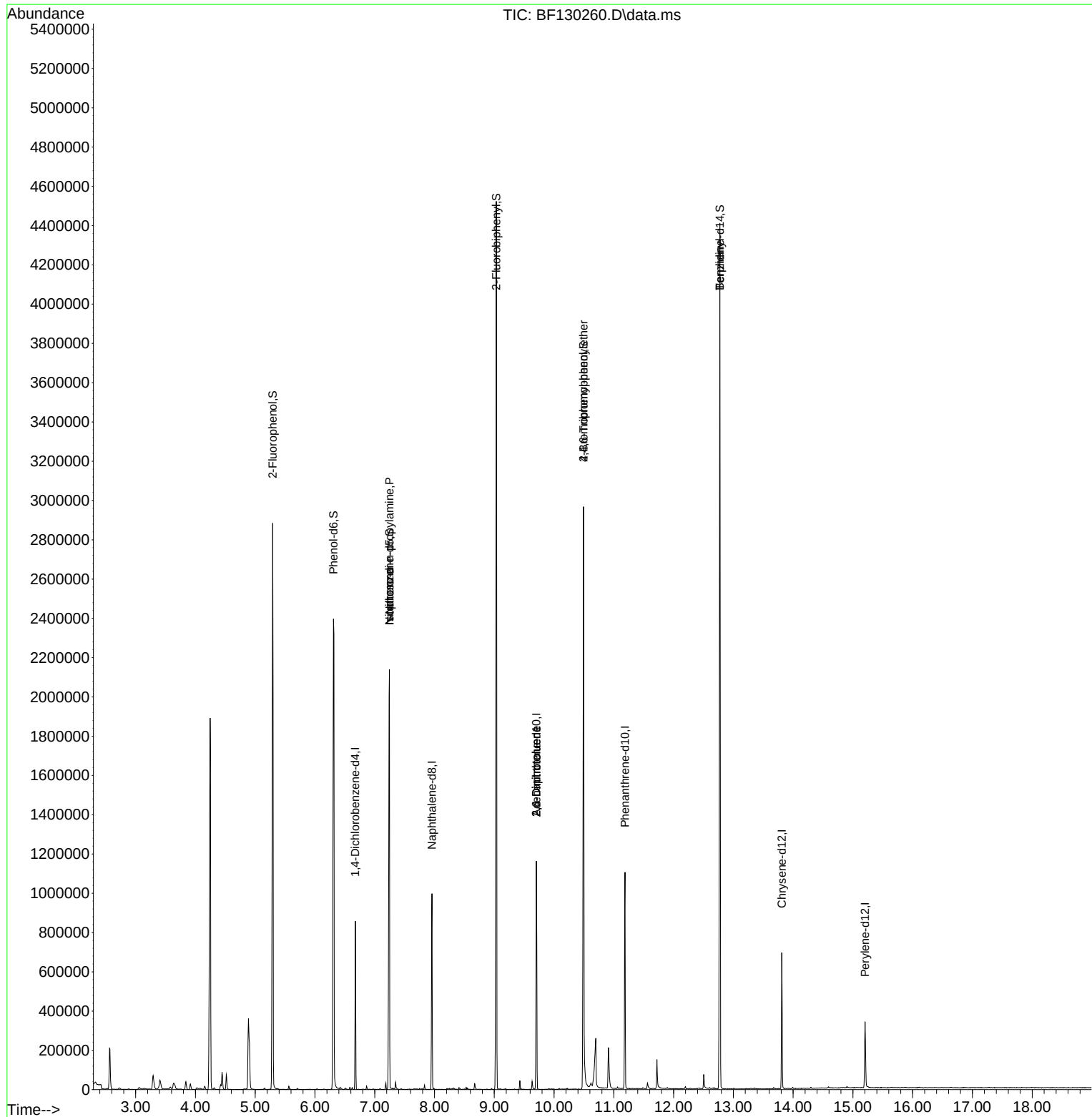
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	104396	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	413233	20.000	ng	# 0.00
39) Acenaphthene-d10	9.704	164	219125	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	368730	20.000	ng	0.00
76) Chrysene-d12	13.810	240	206799	20.000	ng	-0.01
86) Perylene-d12	15.204	264	129758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	842994	140.057	ng	0.02
7) Phenol-d6	6.310	99	966042	128.274	ng	0.00
23) Nitrobenzene-d5	7.245	82	745213	92.132	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	364342	173.526	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1397275	92.856	ng	0.00
79) Terphenyl-d14	12.775	244	1414546	113.307	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	103120	20.292	ng	# 72
25) Isophorone	7.245	82	745205	57.161	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	28434	8.982	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	28434	7.028	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	22481	5.527	ng	# 1
77) Benzidine	12.775	184	21985	3.662	ng	# 88

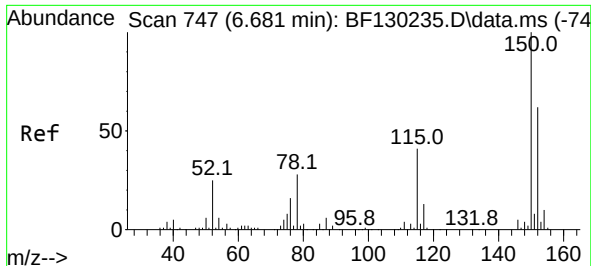
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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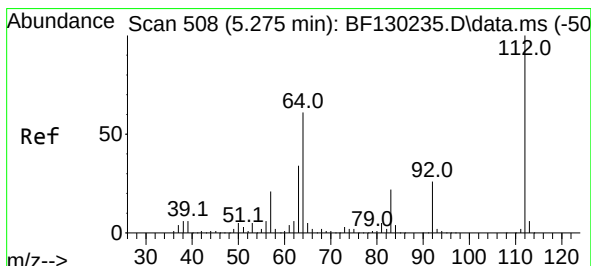
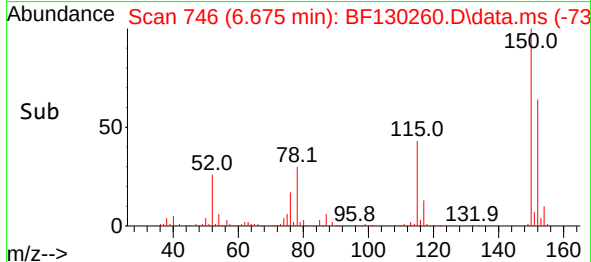
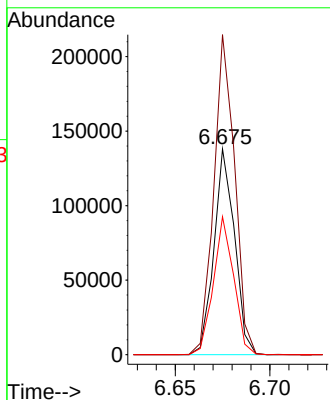
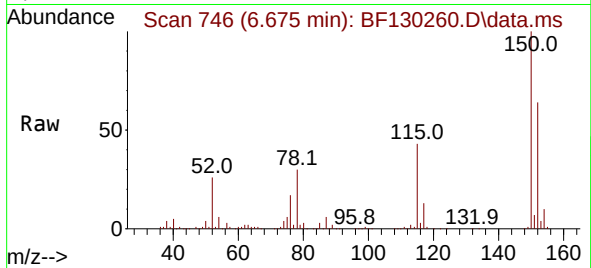




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

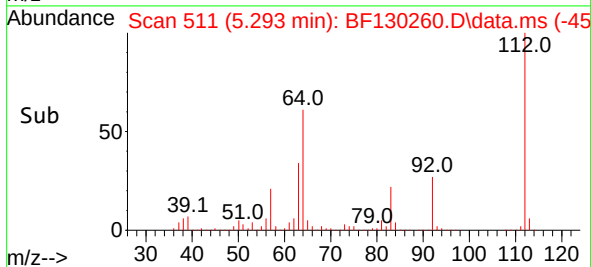
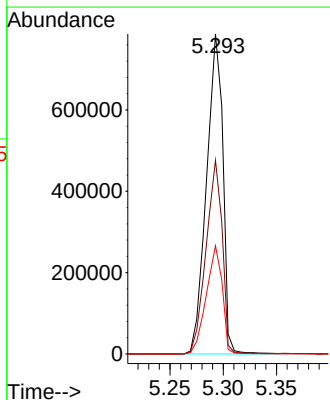
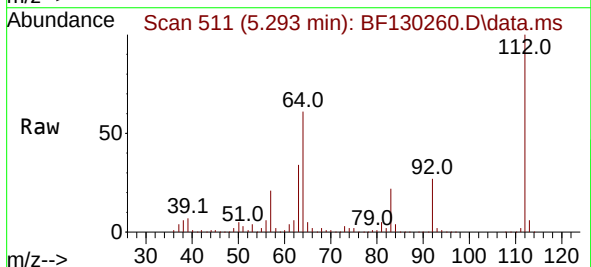
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-16

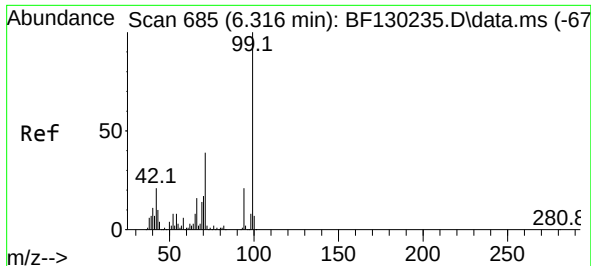
Tgt Ion:152 Resp: 104396
Ion Ratio Lower Upper
152 100
150 155.5 122.8 184.2
115 67.1 53.8 80.8



#5
2-Fluorophenol
Concen: 140.057 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

Tgt Ion:112 Resp: 842994
Ion Ratio Lower Upper
112 100
64 60.5 51.4 77.0
63 33.8 28.8 43.2

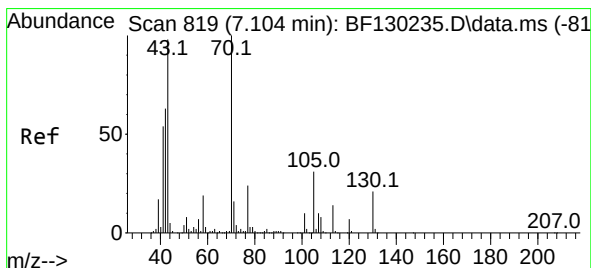
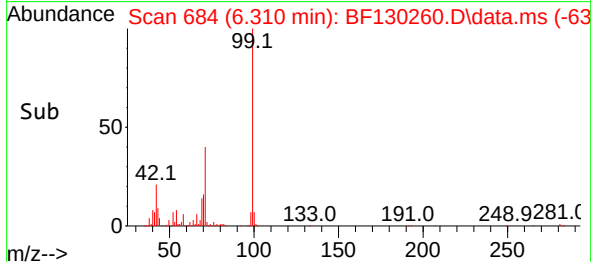
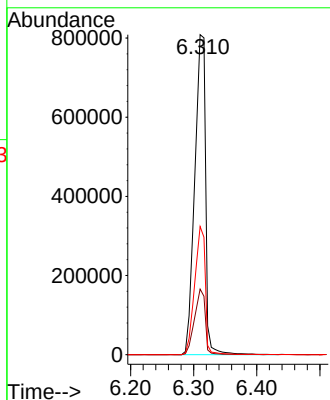
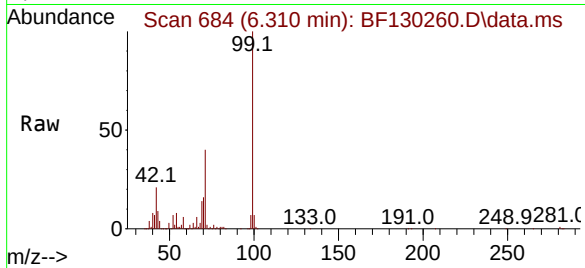




#7
Phenol-d6
Concen: 128.274 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

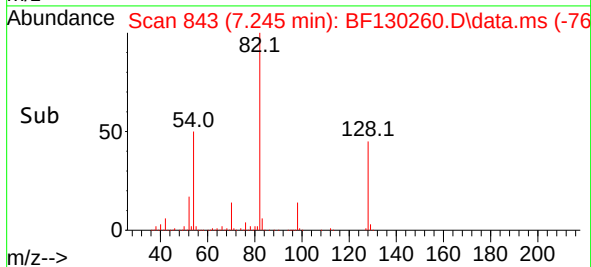
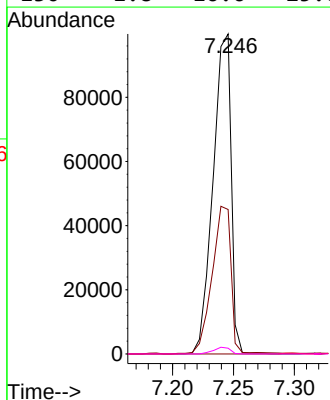
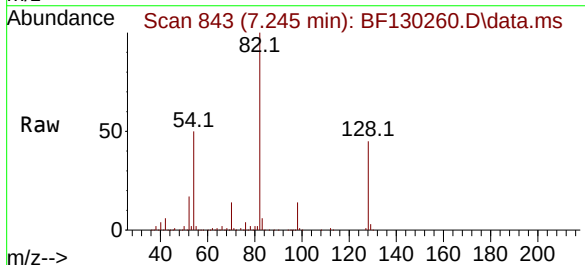
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-16

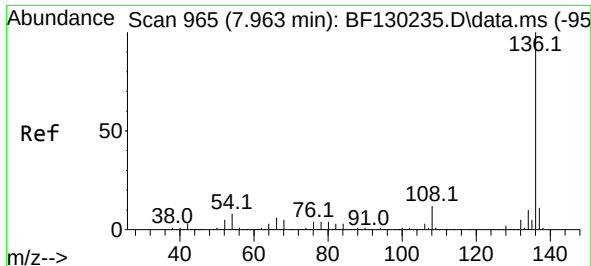
Tgt Ion: 99 Resp: 966042
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 40.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.292 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

Tgt Ion: 70 Resp: 103120
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

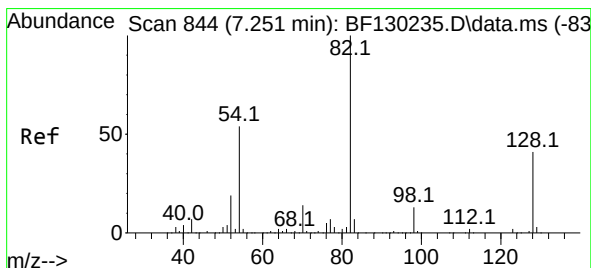
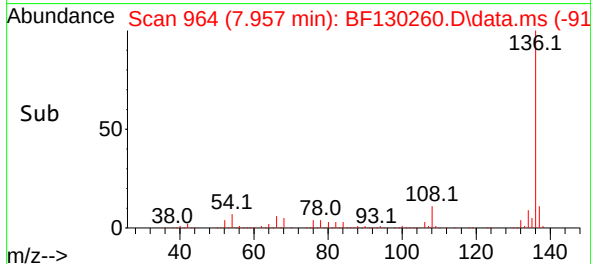
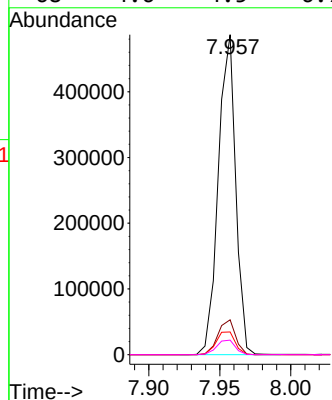
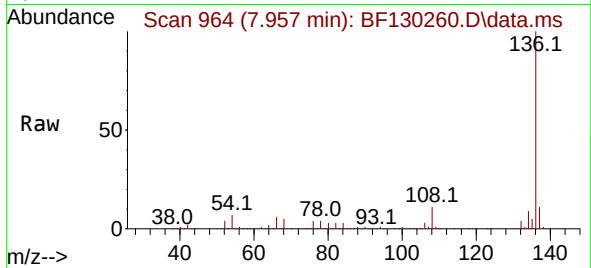




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

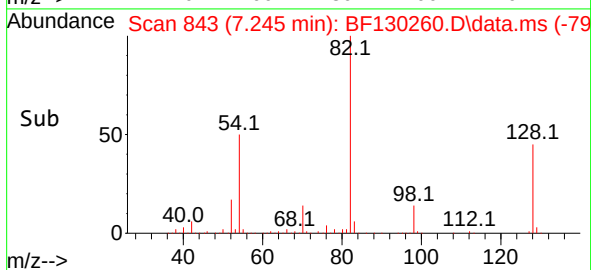
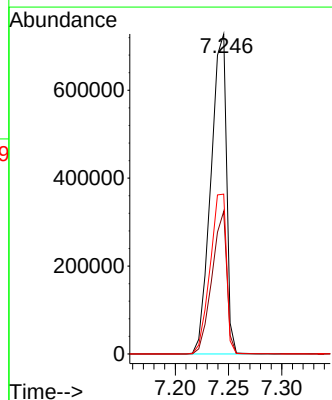
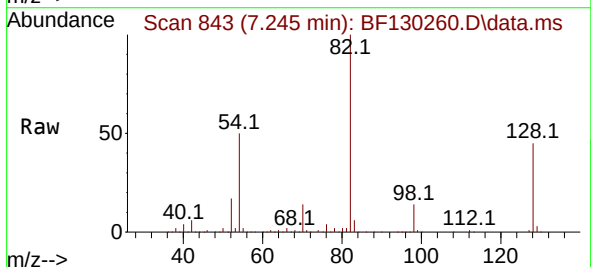
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-16

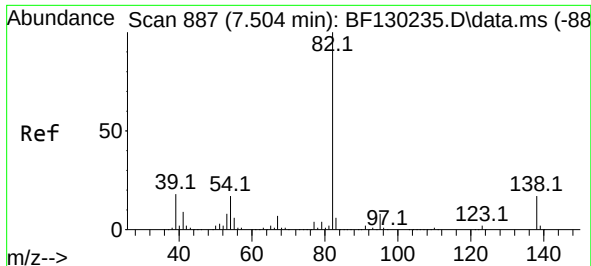
Tgt Ion:136 Resp: 413233
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.1 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 92.132 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

Tgt Ion: 82 Resp: 745213
Ion Ratio Lower Upper
82 100
128 44.5 32.6 49.0
54 50.0 43.8 65.6

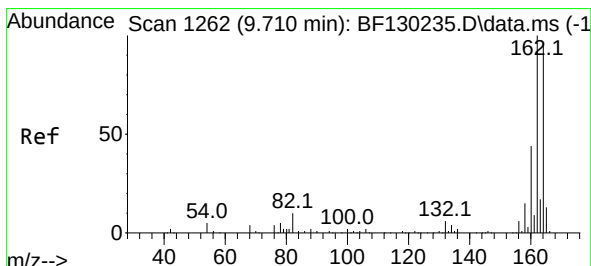
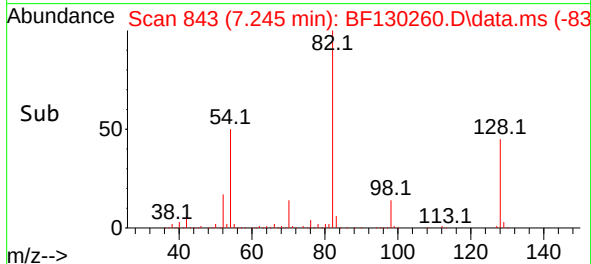
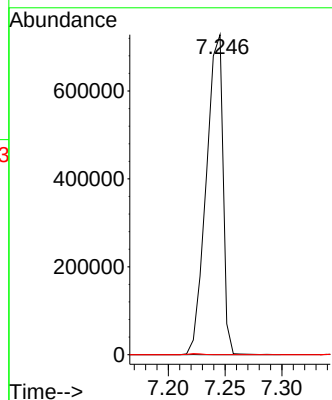
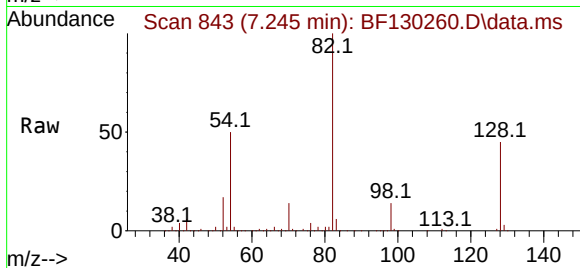




#25
Isophorone
Concen: 57.161 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

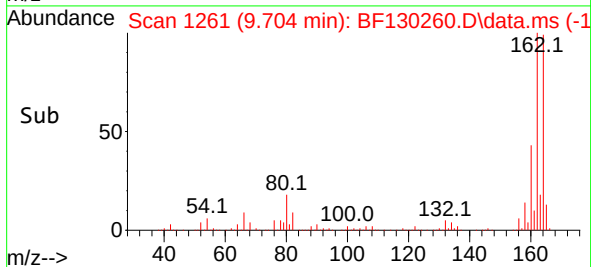
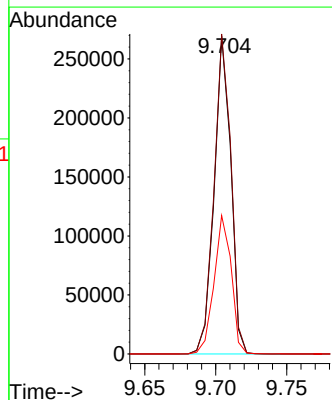
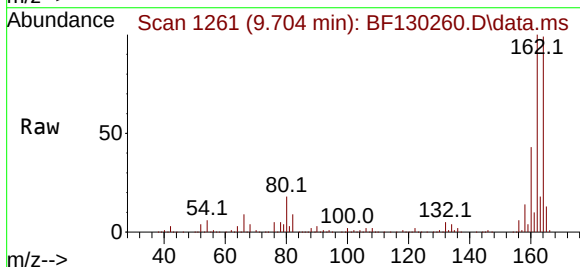
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ClientSampleId :
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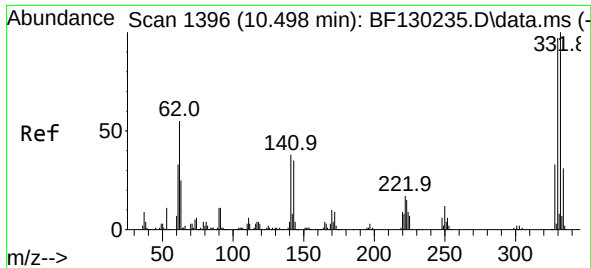
Tgt Ion: 82 Resp: 745205
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

Tgt Ion: 164 Resp: 219125
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.5 36.2 54.4

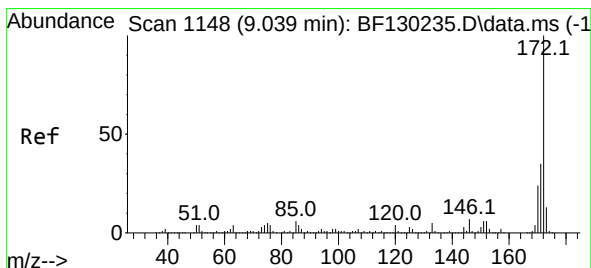
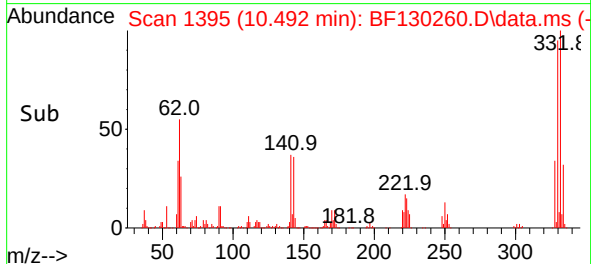
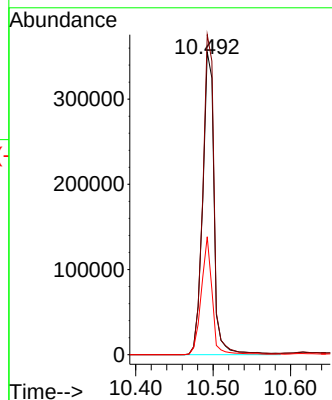
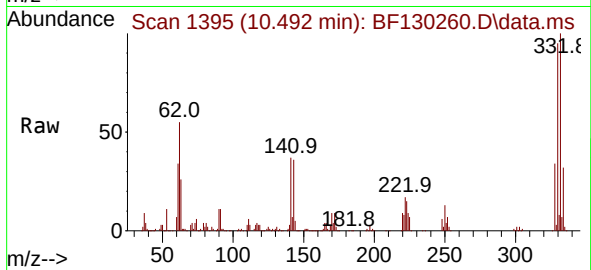




#42
2,4,6-Tribromophenol
Concen: 173.526 ng
RT: 10.492 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

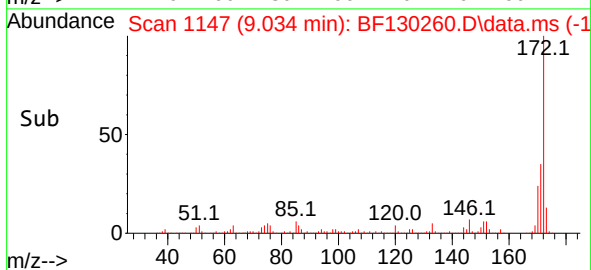
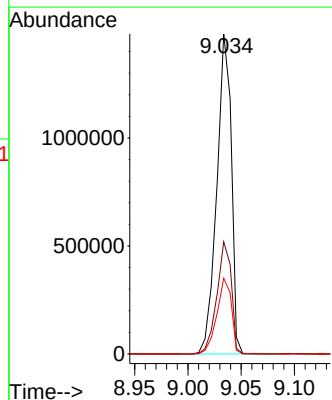
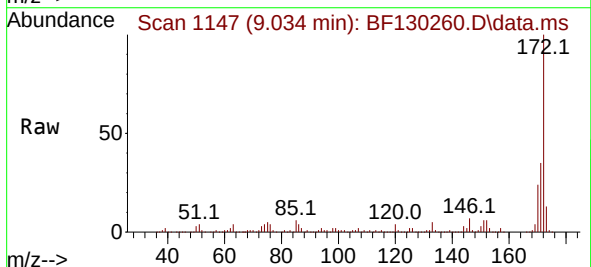
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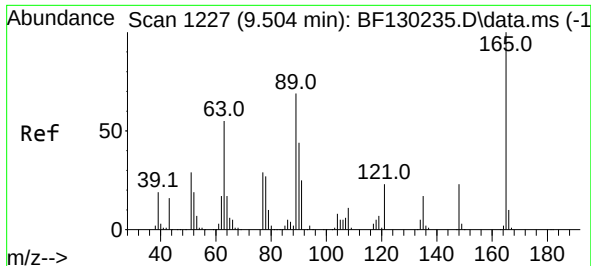
Tgt Ion:330 Resp: 364342
Ion Ratio Lower Upper
330 100
332 104.5 83.4 125.2
141 37.2 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 92.856 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130260.D
Acq: 15 Sep 2022 02:04

Tgt Ion:172 Resp: 1397275
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.982 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130260.D

Acq: 15 Sep 2022 02:04

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-16

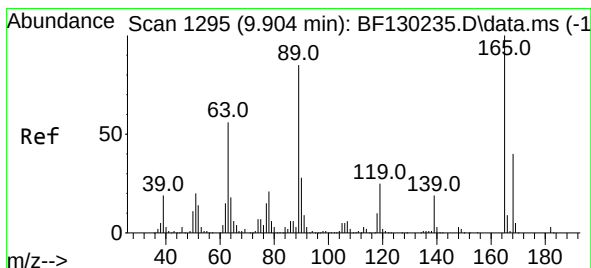
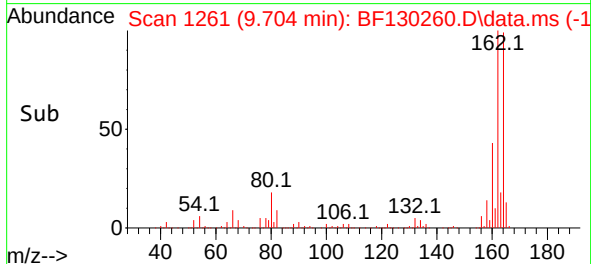
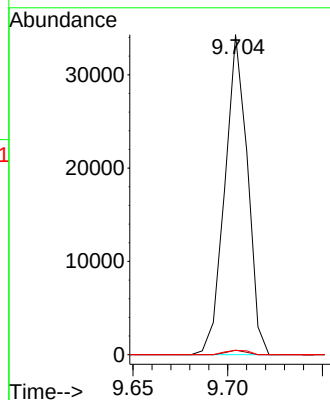
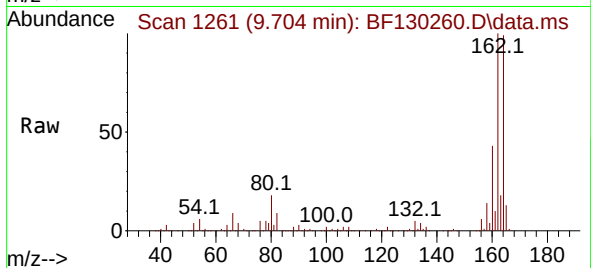
Tgt Ion:165 Resp: 28434

Ion Ratio Lower Upper

165 100

63 1.4 58.8 88.2#

89 1.3 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.028 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130260.D

Acq: 15 Sep 2022 02:04

Tgt Ion:165 Resp: 28434

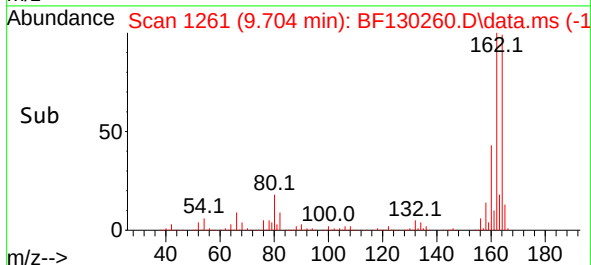
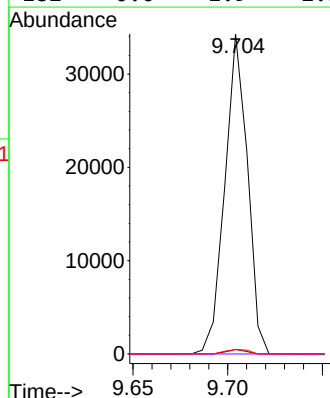
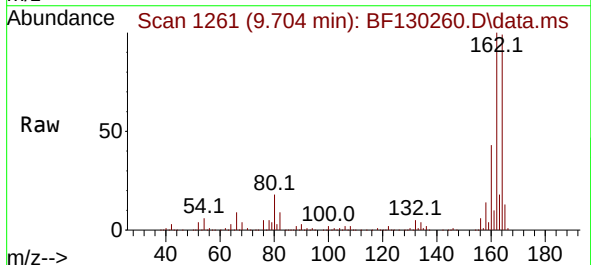
Ion Ratio Lower Upper

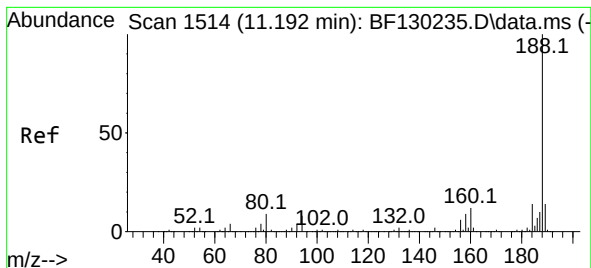
165 100

63 1.4 44.7 67.1#

89 1.3 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: BF130260.D

Acq: 15 Sep 2022 02:04

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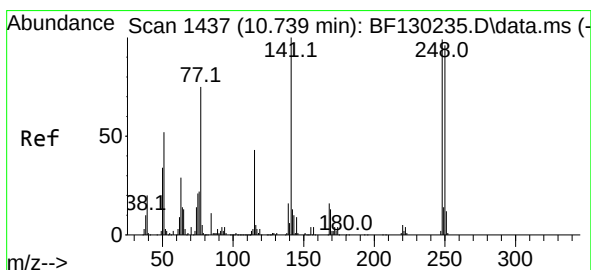
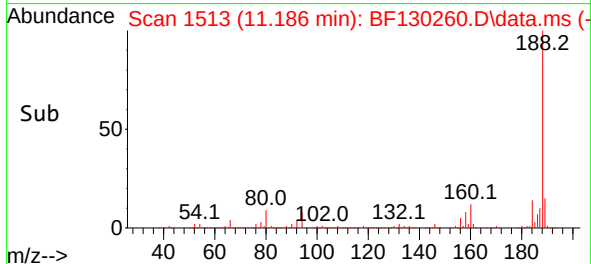
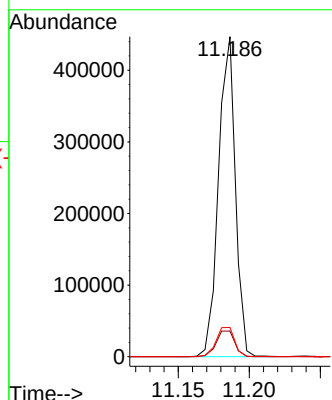
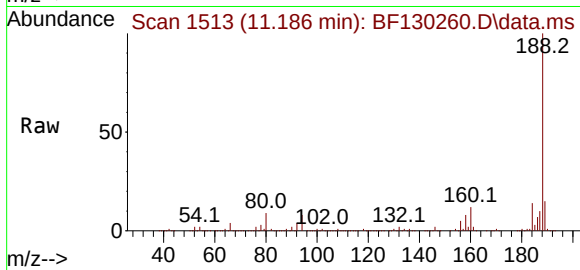
Tgt Ion:188 Resp: 368730

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 9.1 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.527 ng

RT: 10.492 min Scan# 1395

Delta R.T. -0.247 min

Lab File: BF130260.D

Acq: 15 Sep 2022 02:04

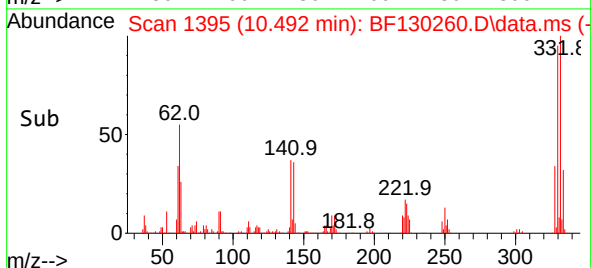
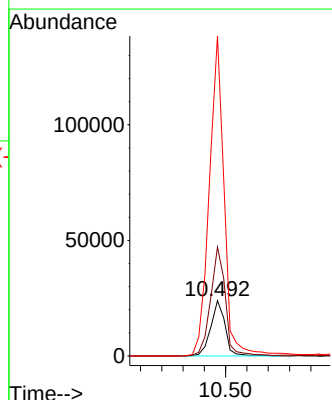
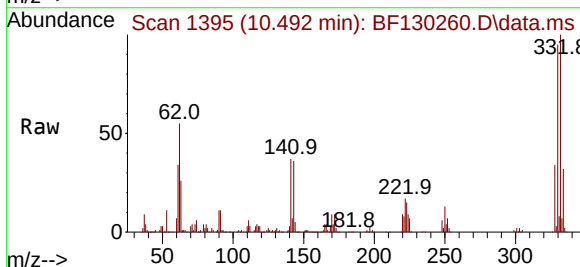
Tgt Ion:248 Resp: 22481

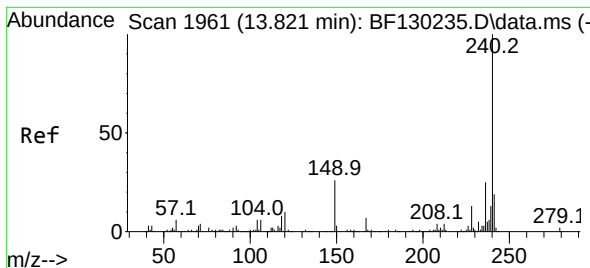
Ion Ratio Lower Upper

248 100

250 196.7 80.0 120.0#

141 577.8 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: BF130260.D

Acq: 15 Sep 2022 02:04

Instrument :

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ClientSampleId :

CHERRY-HILL-COMP-16

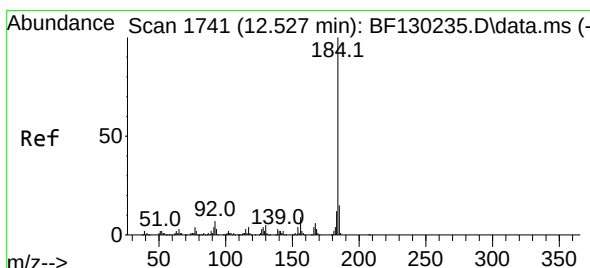
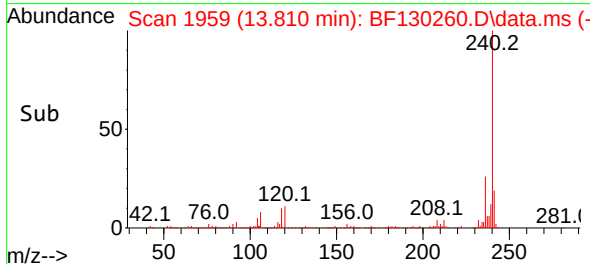
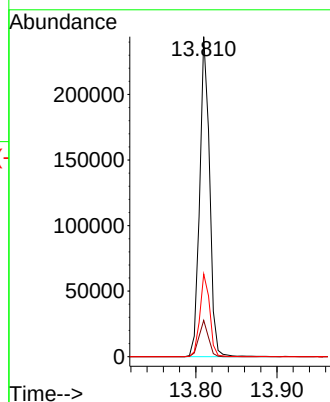
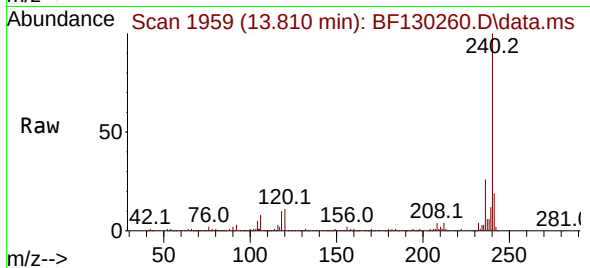
Tgt Ion:240 Resp: 206799

Ion Ratio Lower Upper

240 100

120 11.3 8.7 13.1

236 25.9 20.9 31.3



#77

Benzidine

Concen: 3.662 ng

RT: 12.775 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130260.D

Acq: 15 Sep 2022 02:04

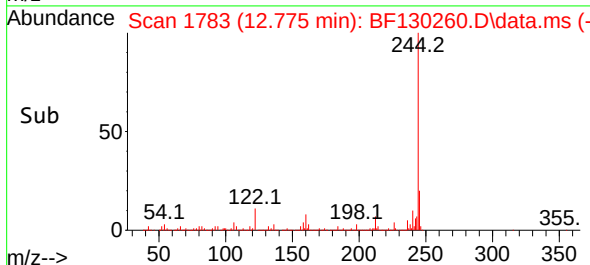
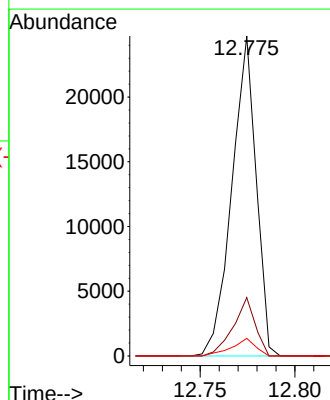
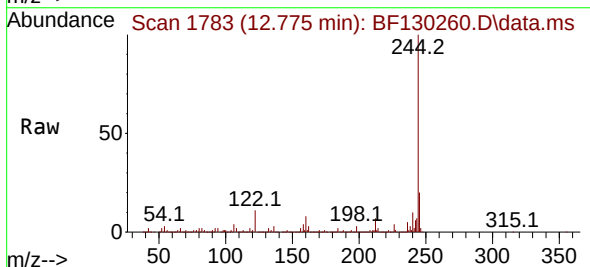
Tgt Ion:184 Resp: 21985

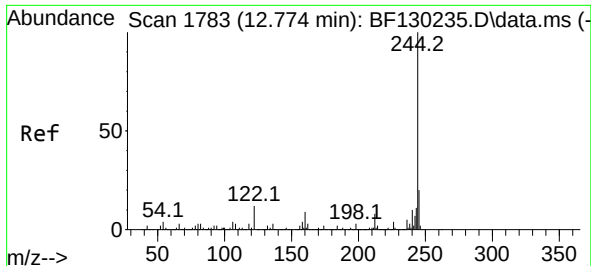
Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.6#

183 5.5 9.1 13.7#

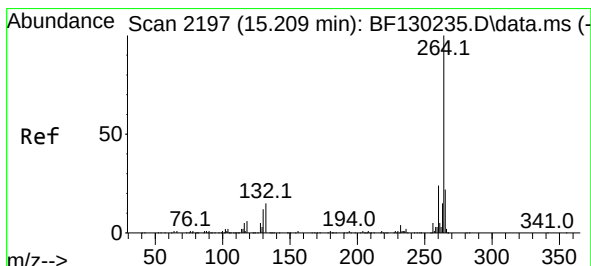
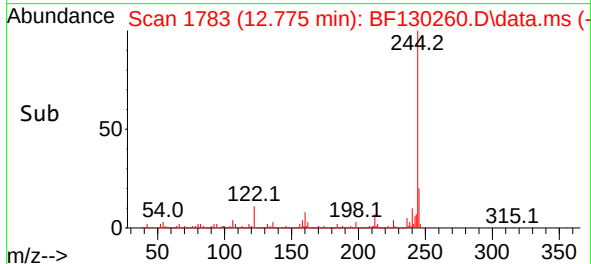
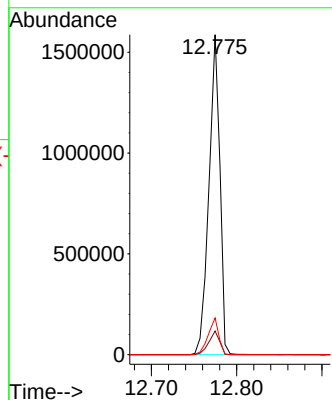
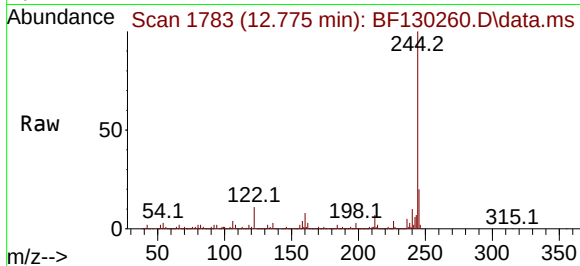




#79
 Terphenyl-d14
 Concen: 113.307 ng
 RT: 12.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130260.D
 Acq: 15 Sep 2022 02:04

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-16

Tgt Ion:244 Resp: 1414546
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.5 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: BF130260.D
 Acq: 15 Sep 2022 02:04

Tgt Ion:264 Resp: 129758
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 20.9 17.0 25.4

