

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130252.D
 Acq On : 14 Sep 2022 21:48
 Operator : CG\JU
 Sample : N4578-28
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-7

Quant Time: Sep 15 01:28:02 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)

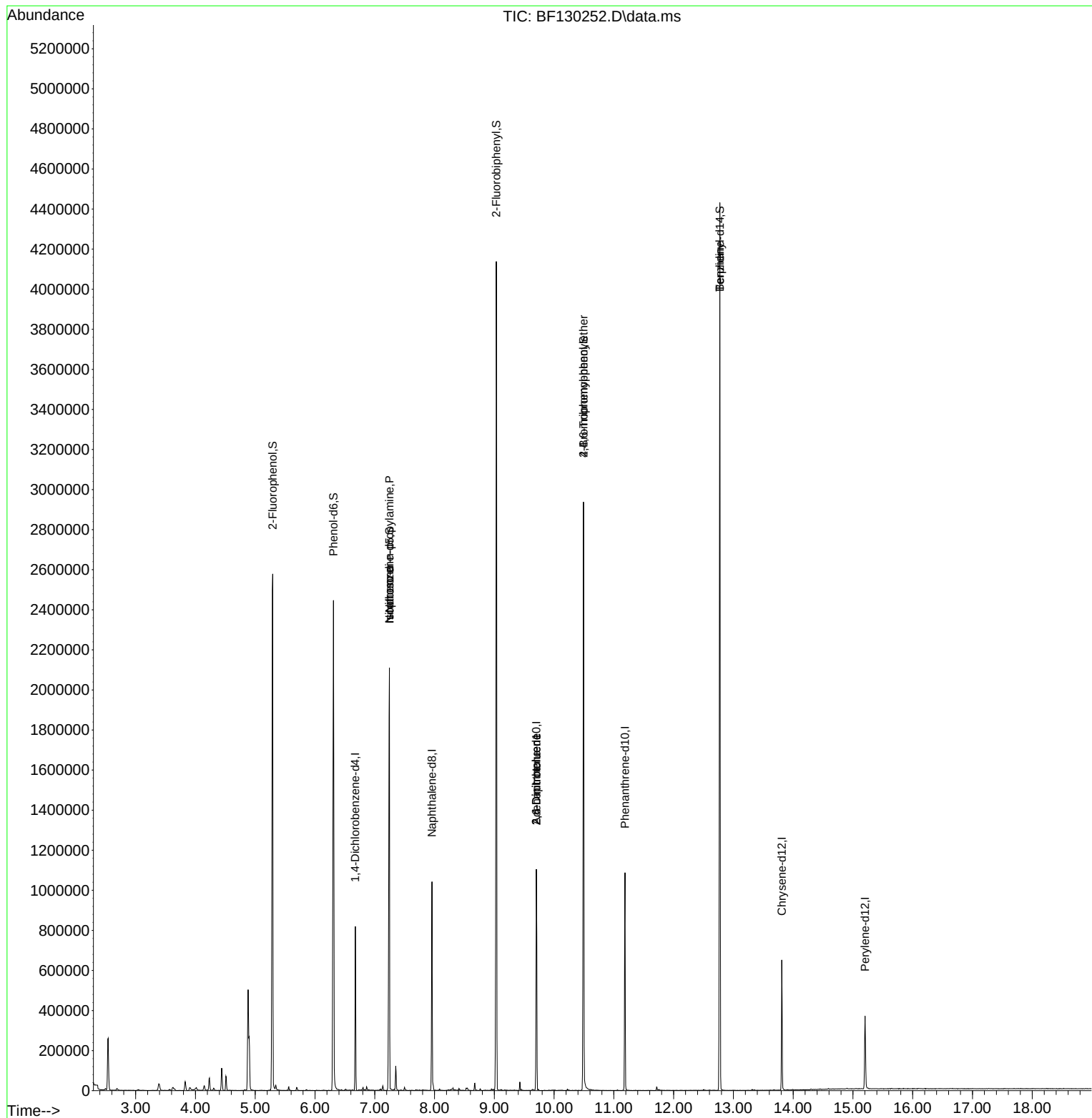
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	101156	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	404562	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	210945	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	355402	20.000	ng	0.00
76) Chrysene-d12	13.810	240	191872	20.000	ng	-0.01
86) Perylene-d12	15.204	264	147955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	776646	133.167	ng	0.02
7) Phenol-d6	6.310	99	866651	118.763	ng	0.00
23) Nitrobenzene-d5	7.245	82	716501	90.480	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	339531	167.980	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1280924	88.424	ng	0.00
79) Terphenyl-d14	12.774	244	1355732	117.045	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	98891	20.083	ng	Qvalue
25) Isophorone	7.245	82	716495	56.137	ng	# 74
51) 2,6-Dinitrotoluene	9.704	165	27702	9.090	ng	# 66
57) 2,4-Dinitrotoluene	9.704	165	27702	7.113	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20096	5.126	ng	# 16
77) Benzidine	12.774	184	21225	3.811	ng	# 1

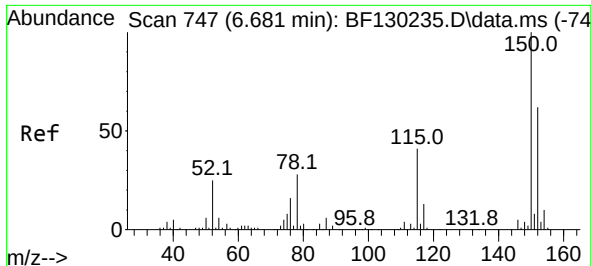
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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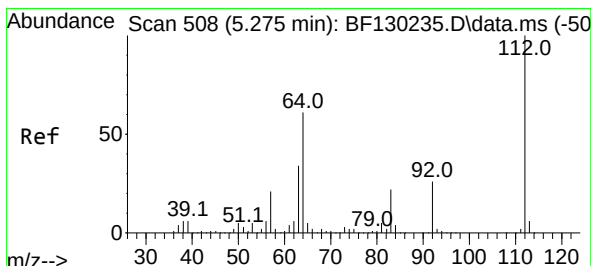
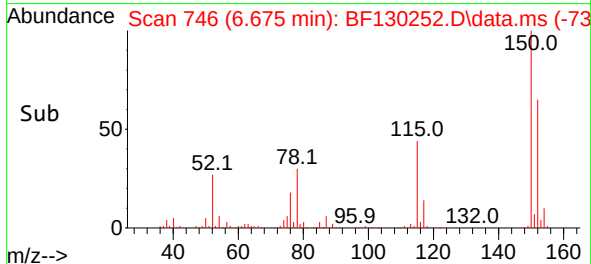
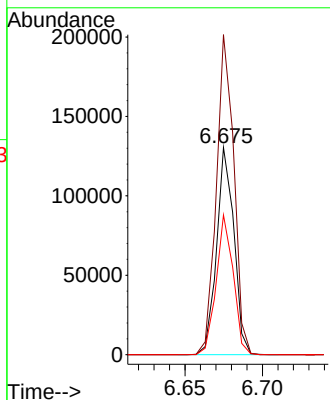
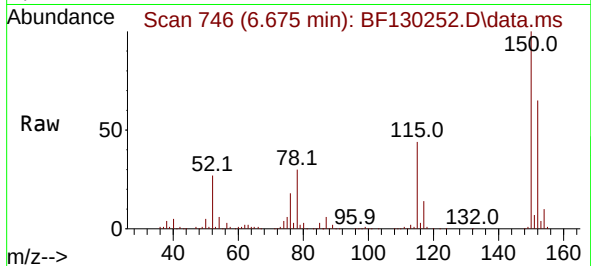




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

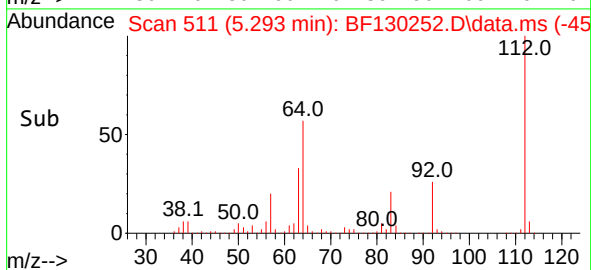
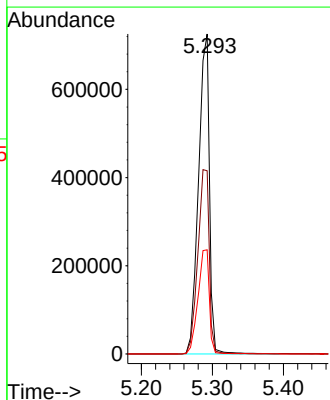
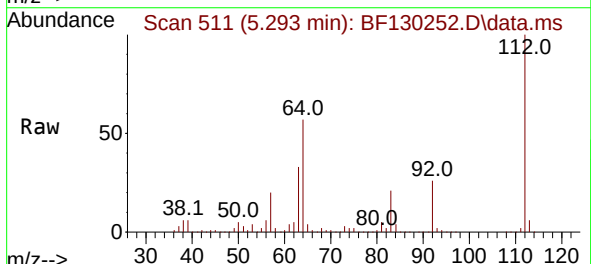
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-7

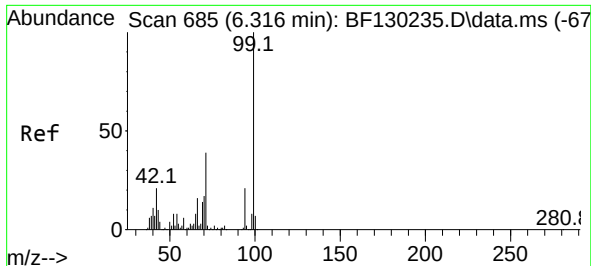
Tgt Ion:152 Resp: 101156
Ion Ratio Lower Upper
152 100
150 154.4 122.8 184.2
115 67.4 53.8 80.8



#5
2-Fluorophenol
Concen: 133.167 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion:112 Resp: 776646
Ion Ratio Lower Upper
112 100
64 57.2 51.4 77.0
63 32.5 28.8 43.2

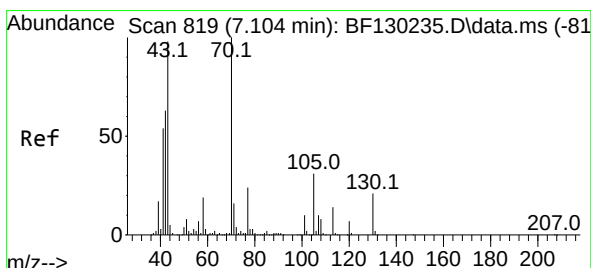
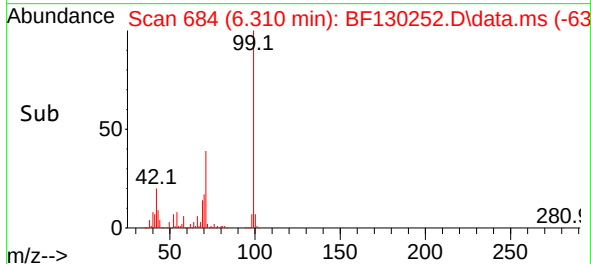
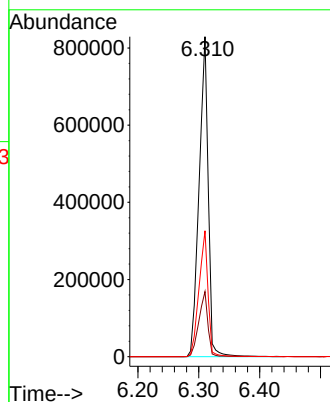
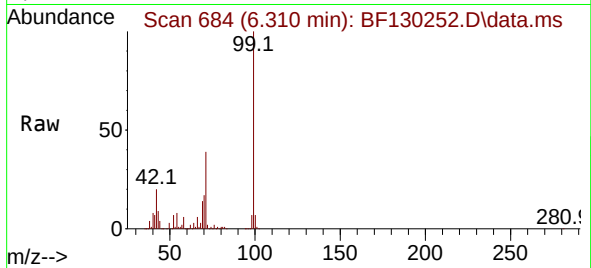




#7
Phenol-d6
Concen: 118.763 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

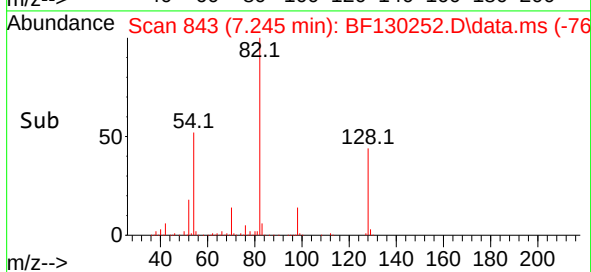
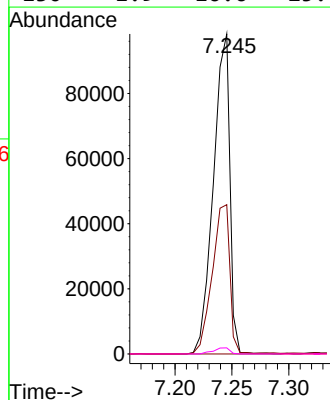
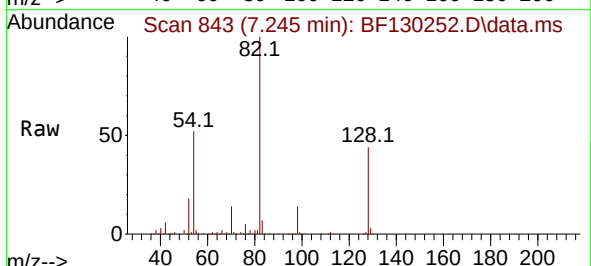
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-7

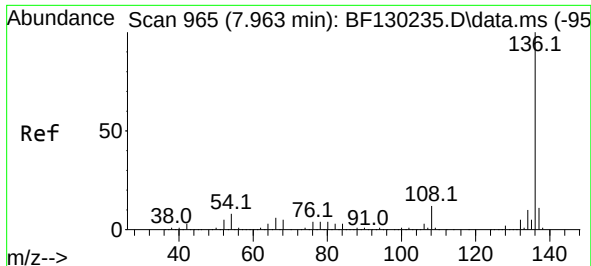
Tgt Ion: 99 Resp: 866651
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 39.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.083 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 70 Resp: 98891
Ion Ratio Lower Upper
70 100
42 46.7 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

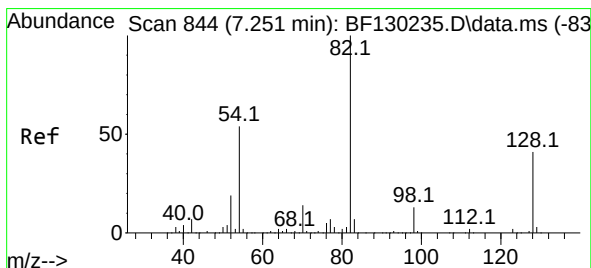
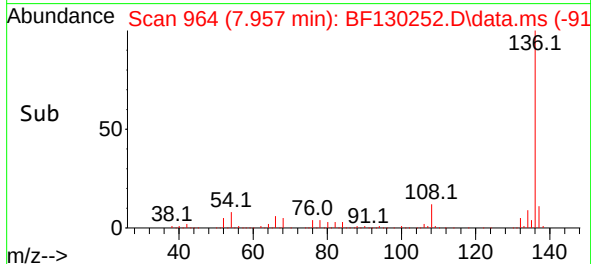
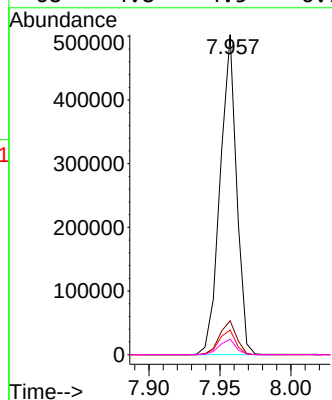
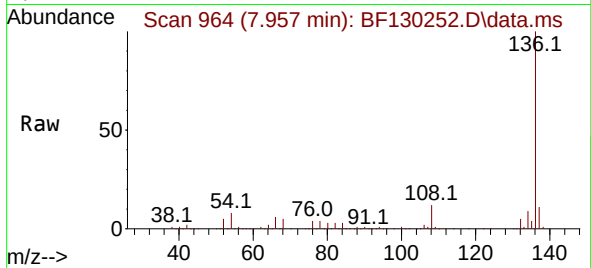




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

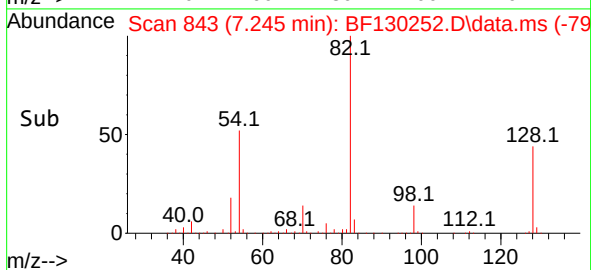
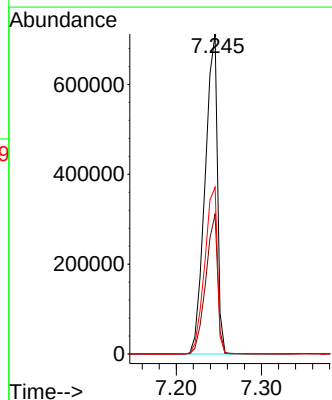
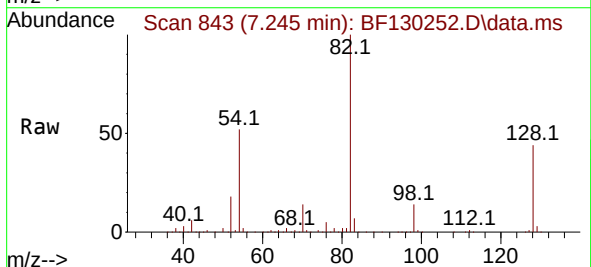
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-7

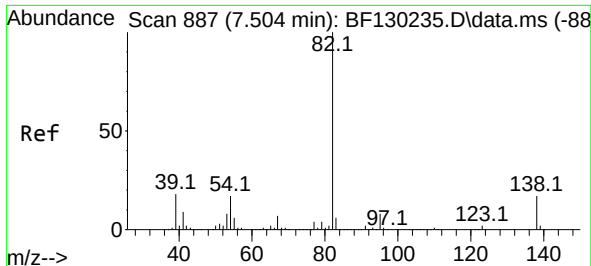
Tgt Ion:136 Resp: 404562
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.7 7.1 10.7
68 4.8 4.5 6.7



#23
Nitrobenzene-d5
Concen: 90.480 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 82 Resp: 716501
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 52.1 43.8 65.6

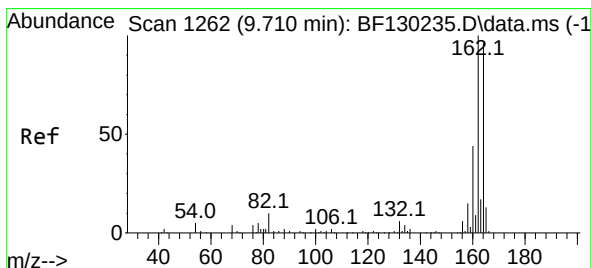
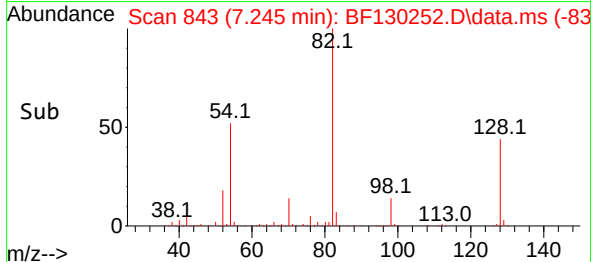
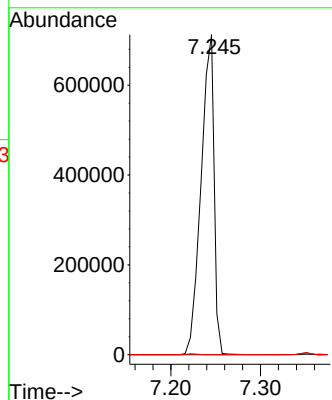
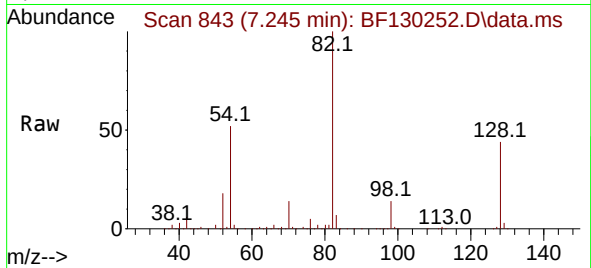




#25
Isophorone
Concen: 56.137 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

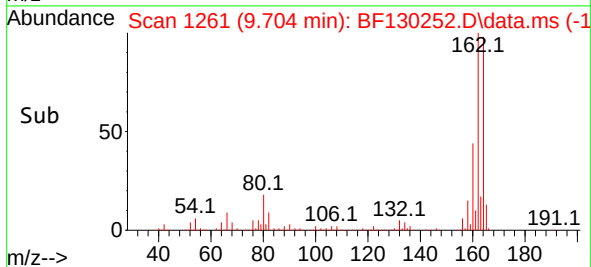
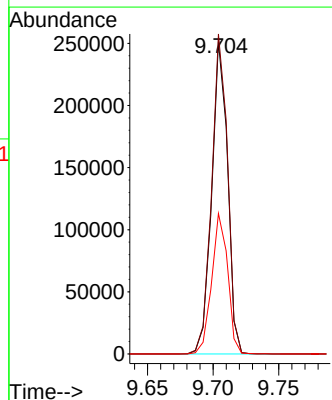
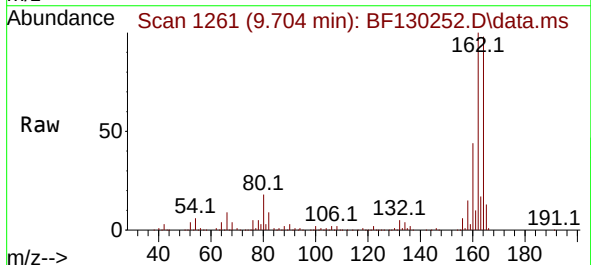
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ClientSampleId :
CHERRY-HILL-COMP-7

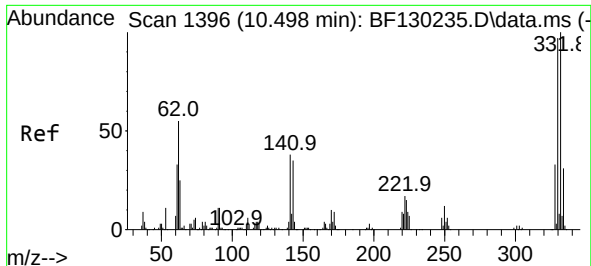
Tgt Ion: 82 Resp: 716495
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion: 164 Resp: 210945
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.0 36.2 54.4

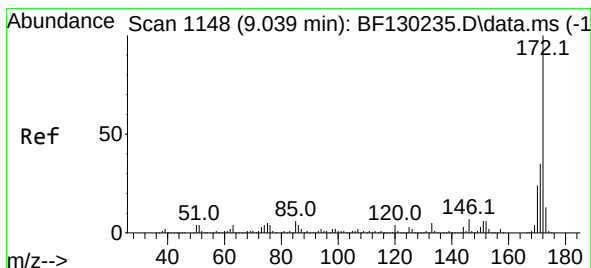
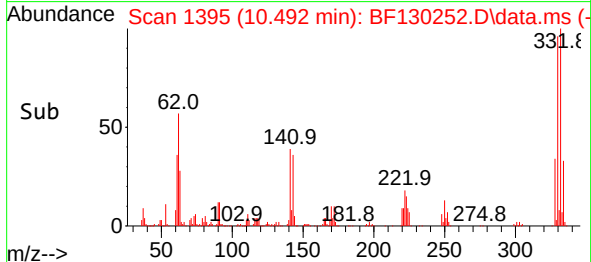
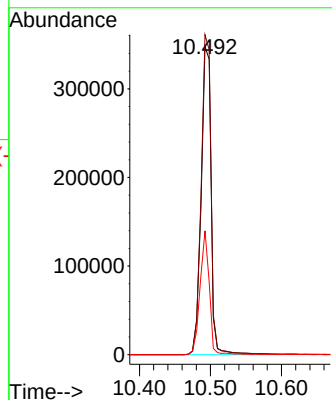
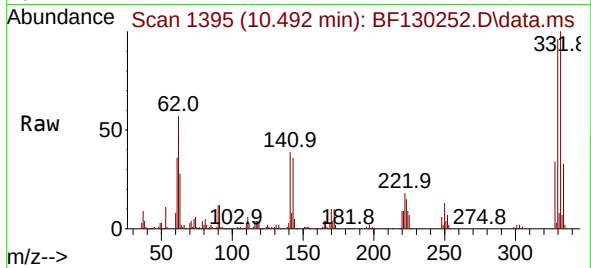




#42
2,4,6-Tribromophenol
Concen: 167.980 ng
RT: 10.492 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

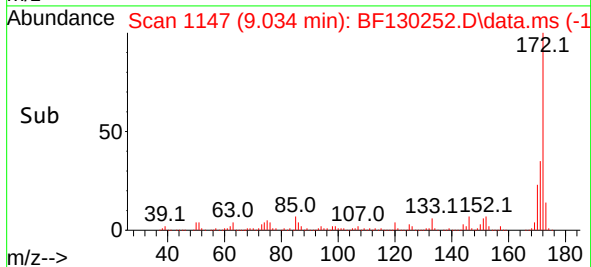
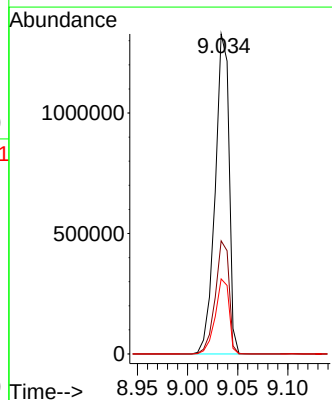
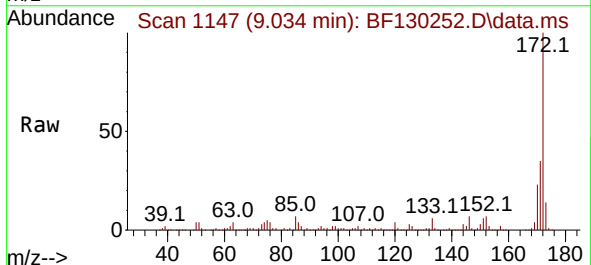
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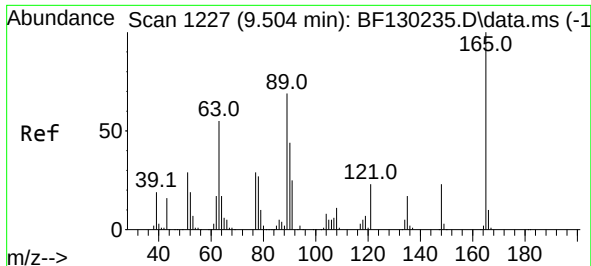
Tgt Ion:330 Resp: 339531
Ion Ratio Lower Upper
330 100
332 104.1 83.4 125.2
141 37.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 88.424 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion:172 Resp: 1280924
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.090 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130252.D

Acq: 14 Sep 2022 21:48

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-7

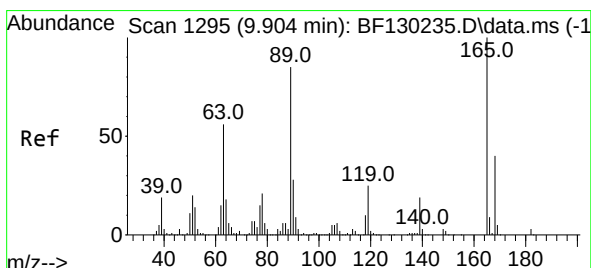
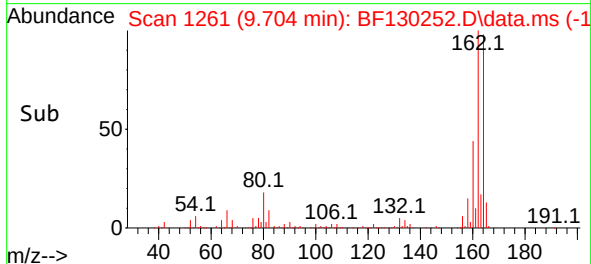
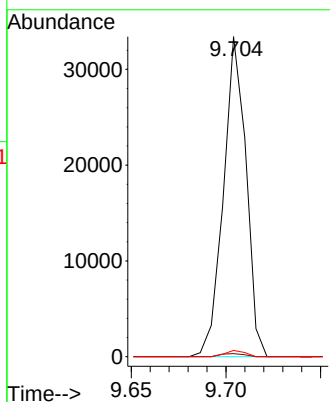
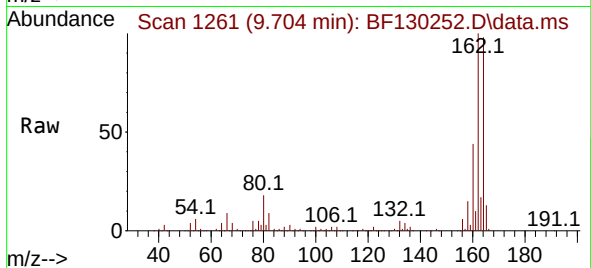
Tgt Ion:165 Resp: 27702

Ion Ratio Lower Upper

165 100

63 0.9 58.8 88.2#

89 2.0 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.113 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130252.D

Acq: 14 Sep 2022 21:48

Tgt Ion:165 Resp: 27702

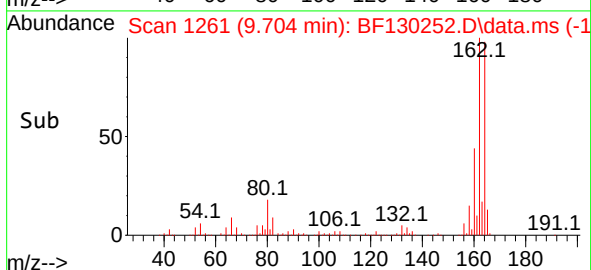
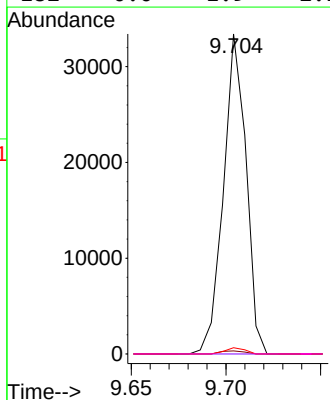
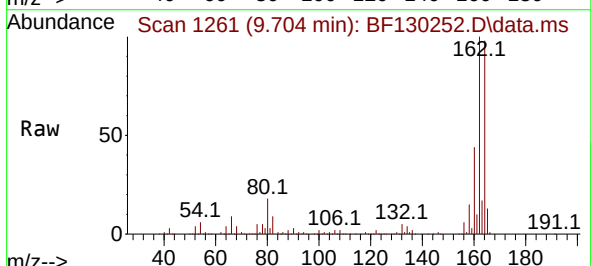
Ion Ratio Lower Upper

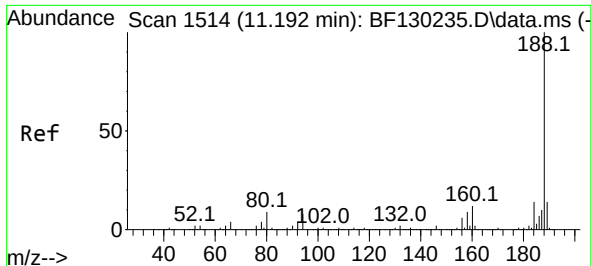
165 100

63 0.9 44.7 67.1#

89 2.0 69.0 103.4#

182 0.0 1.9 2.9#

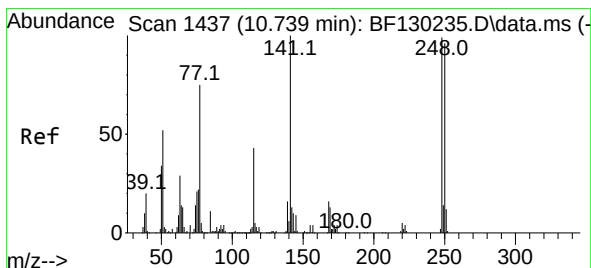
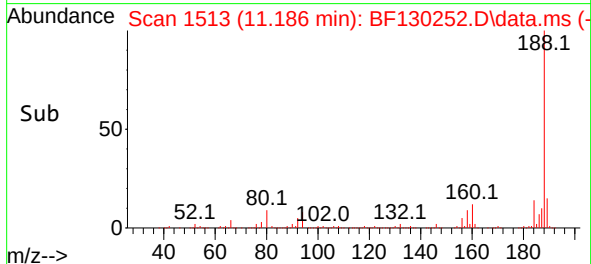
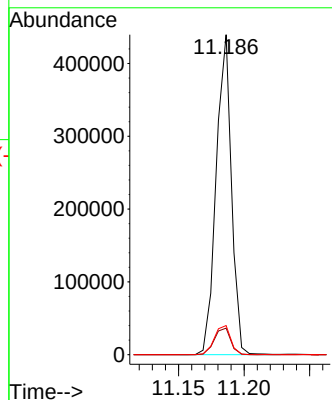
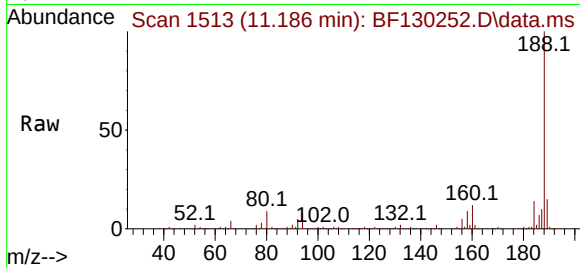




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

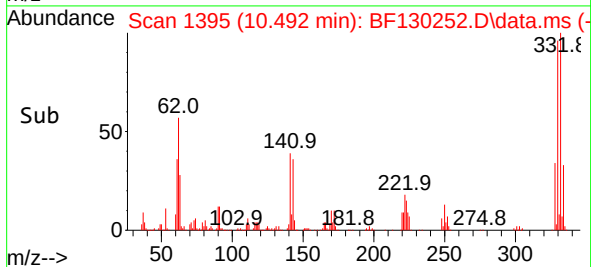
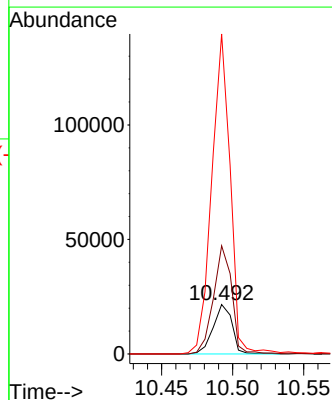
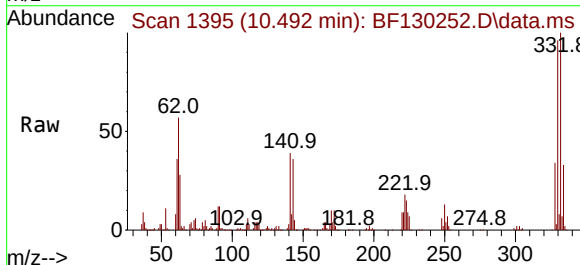
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-7

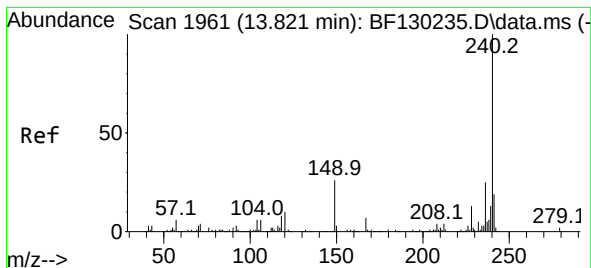
Tgt Ion:188 Resp: 355402
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.126 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130252.D
Acq: 14 Sep 2022 21:48

Tgt Ion:248 Resp: 20096
Ion Ratio Lower Upper
248 100
250 218.5 80.0 120.0#
141 646.6 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: BF130252.D

Acq: 14 Sep 2022 21:48

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-7

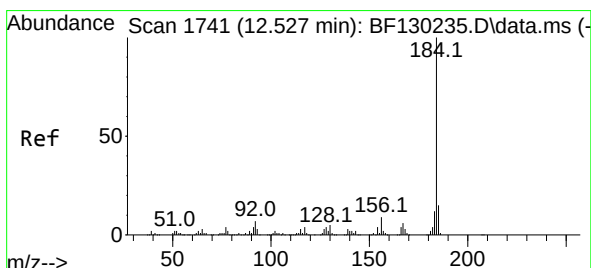
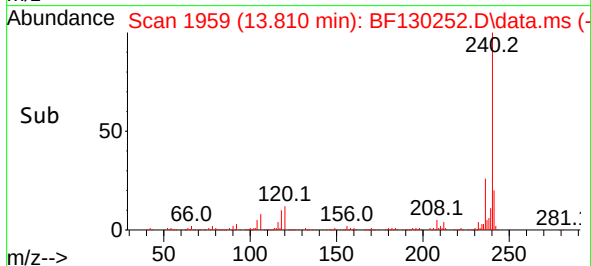
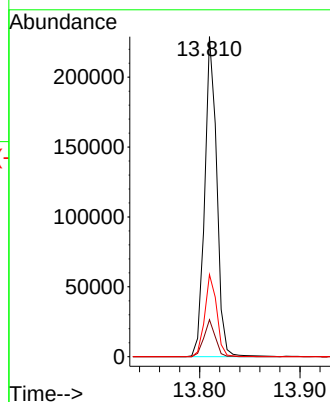
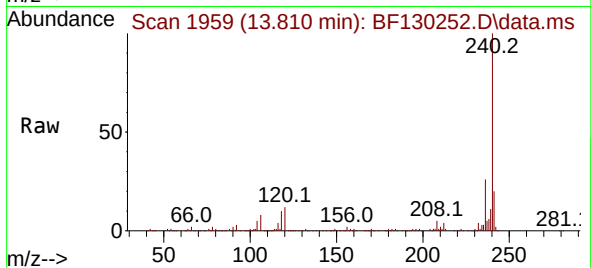
Tgt Ion:240 Resp: 191872

Ion Ratio Lower Upper

240 100

120 11.5 8.7 13.1

236 25.7 20.9 31.3



#77

Benzidine

Concen: 3.811 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130252.D

Acq: 14 Sep 2022 21:48

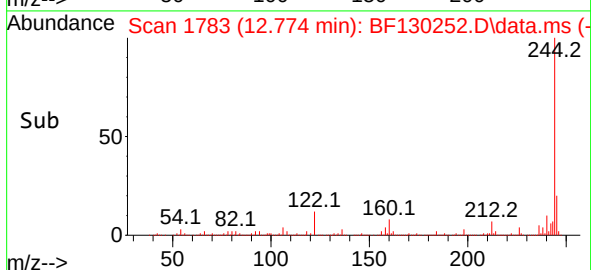
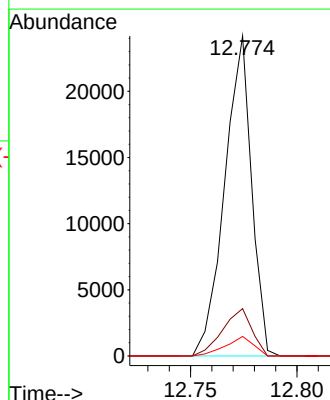
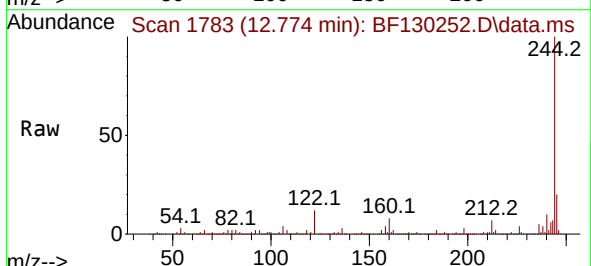
Tgt Ion:184 Resp: 21225

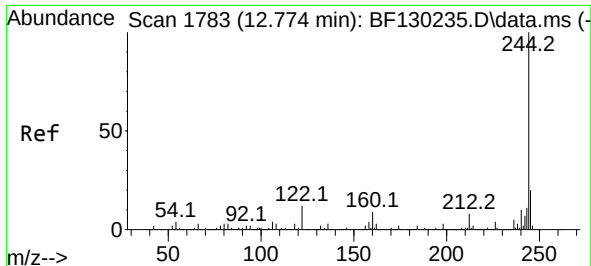
Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

183 6.1 9.1 13.7#

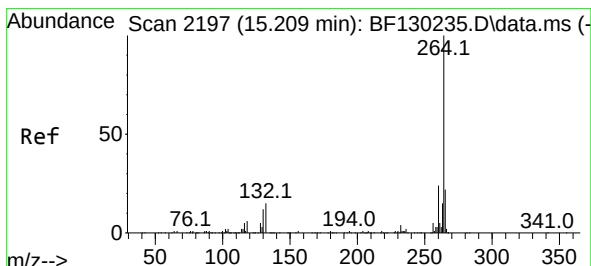
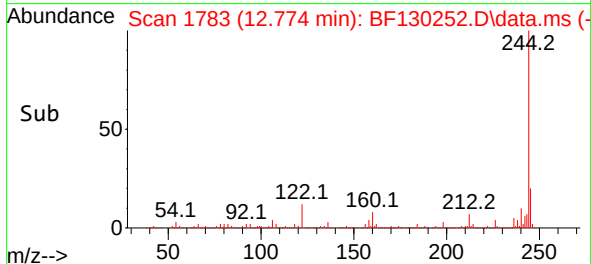
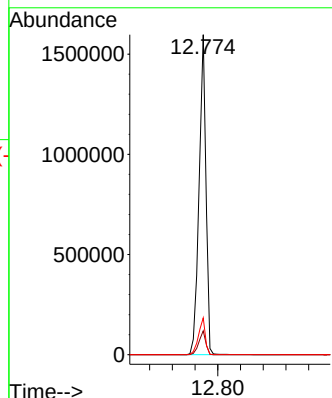
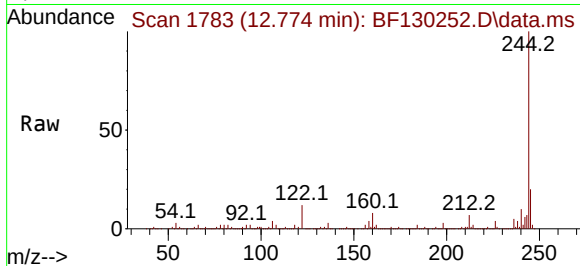




#79
 Terphenyl-d14
 Concen: 117.045 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130252.D
 Acq: 14 Sep 2022 21:48

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-7

Tgt Ion:244 Resp: 1355732
 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: BF130252.D
 Acq: 14 Sep 2022 21:48

Tgt Ion:264 Resp: 147955
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.7 17.0 25.4

