

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130257.D
 Acq On : 15 Sep 2022 00:29
 Operator : CG\JU
 Sample : N4579-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-12

Quant Time: Sep 15 01:30:05 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)

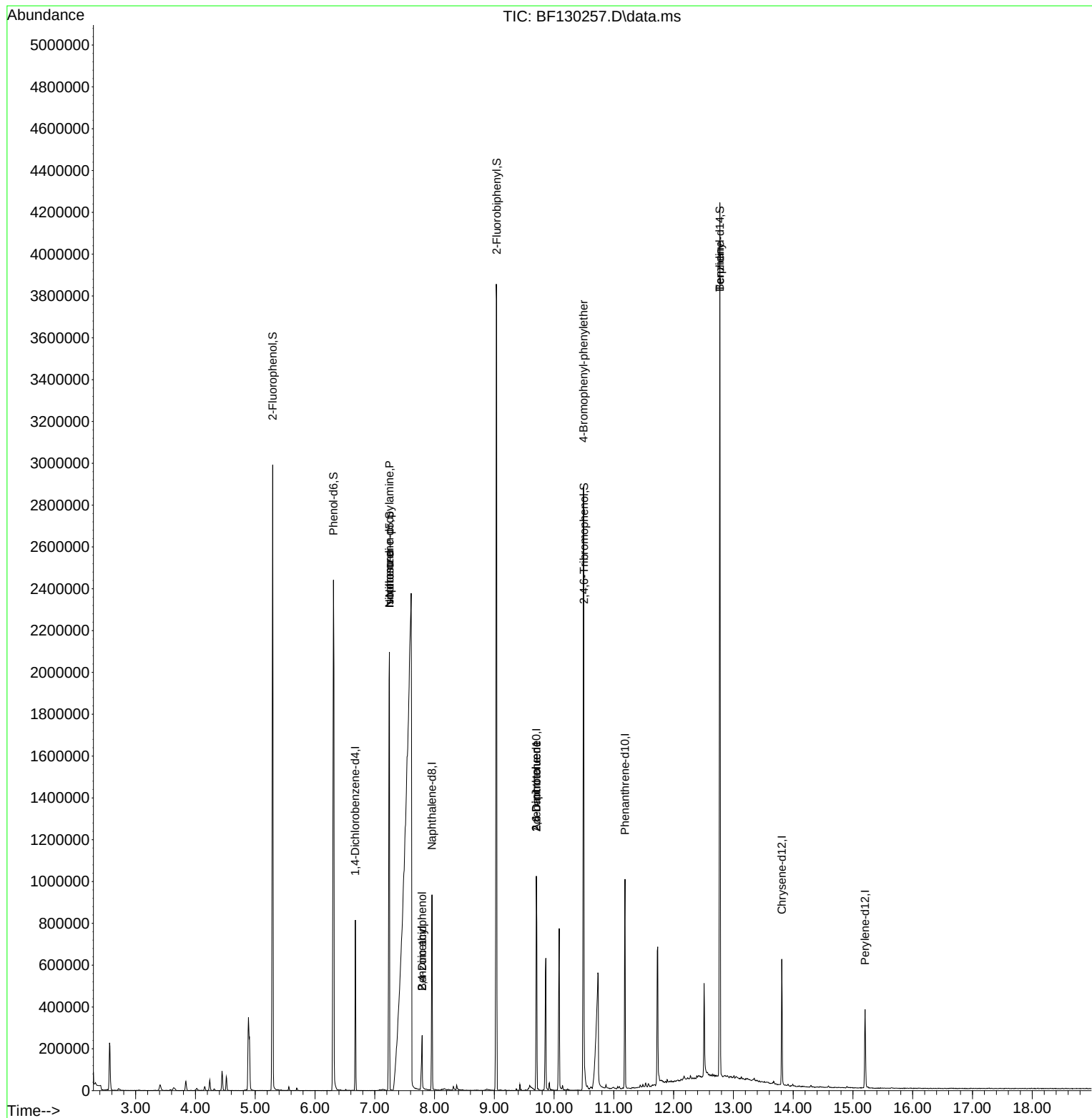
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	100173	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	384633	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	205106	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	334719	20.000	ng	0.00
76) Chrysene-d12	13.810	240	182584	20.000	ng	-0.01
86) Perylene-d12	15.204	264	147988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	820460	142.060	ng	0.02
7) Phenol-d6	6.310	99	944886	130.754	ng	0.00
23) Nitrobenzene-d5	7.245	82	725935	96.422	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	342229	174.135	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1300409	92.325	ng	0.00
79) Terphenyl-d14	12.774	244	1282650	116.368	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	100974	20.707	ng	# 72
25) Isophorone	7.245	82	725929	59.823	ng	# 66
27) 2,4-Dimethylphenol	7.792	122	43044	8.921	ng	# 1
32) Benzoic acid	7.792	122	43044	11.535	ng	# 98
51) 2,6-Dinitrotoluene	9.704	165	26585	8.972	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	26585	7.020	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	21964	5.948	ng	# 1
77) Benzidine	12.774	184	20159	3.803	ng	# 93

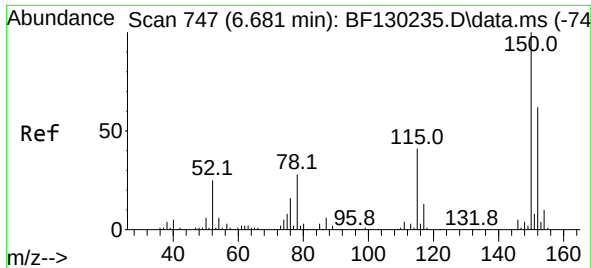
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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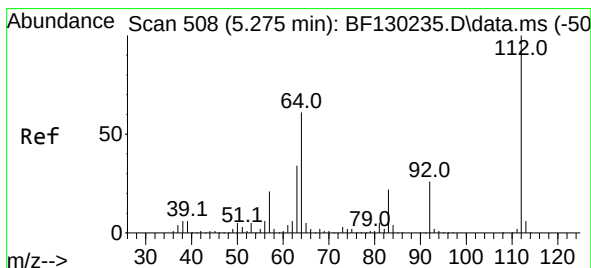
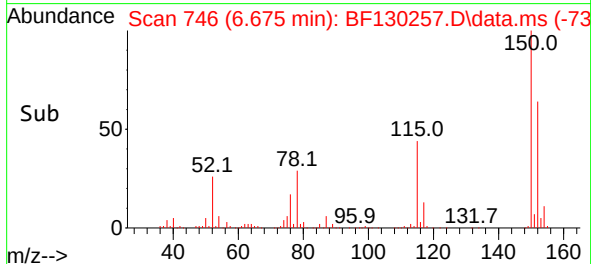
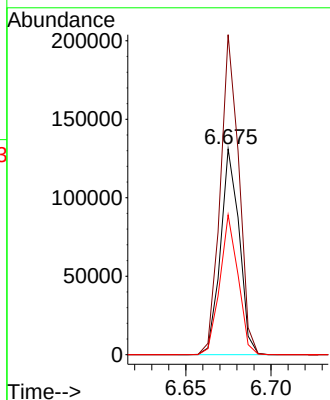
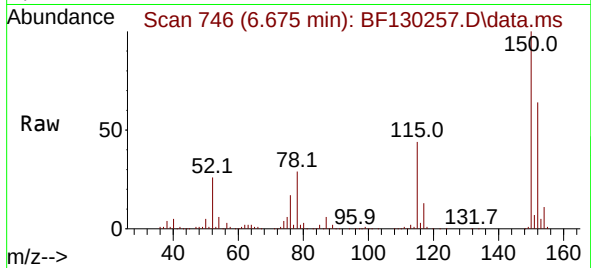




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

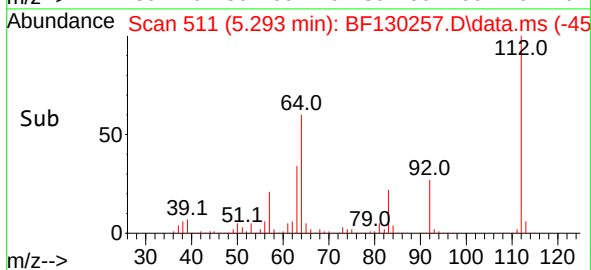
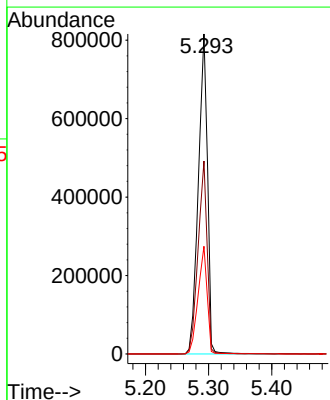
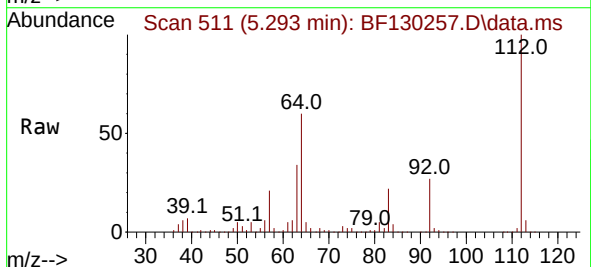
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-12

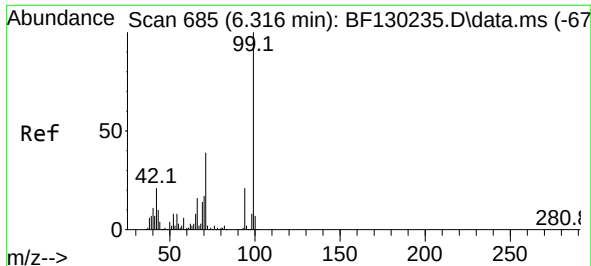
Tgt Ion:152 Resp: 100173
Ion Ratio Lower Upper
152 100
150 155.6 122.8 184.2
115 68.0 53.8 80.8



#5
2-Fluorophenol
Concen: 142.060 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion:112 Resp: 820460
Ion Ratio Lower Upper
112 100
64 60.3 51.4 77.0
63 33.6 28.8 43.2

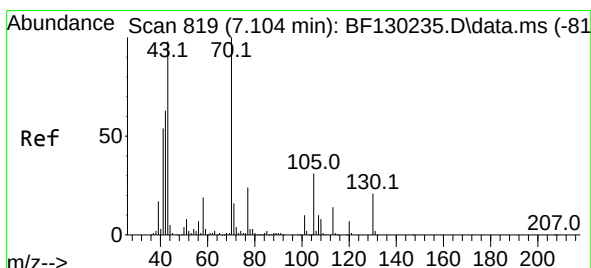
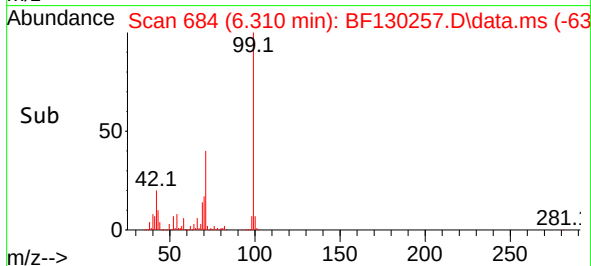
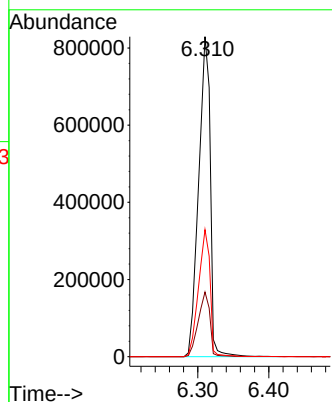
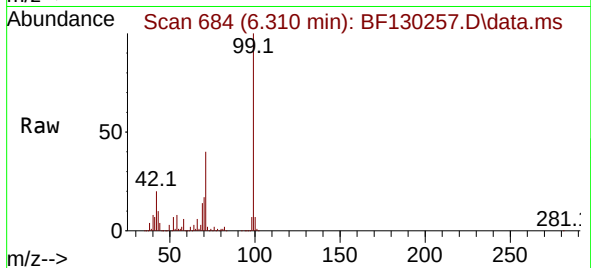




#7
Phenol-d6
Concen: 130.754 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

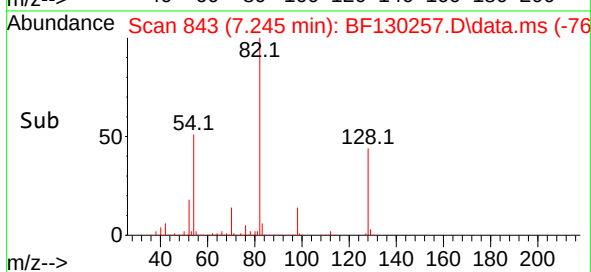
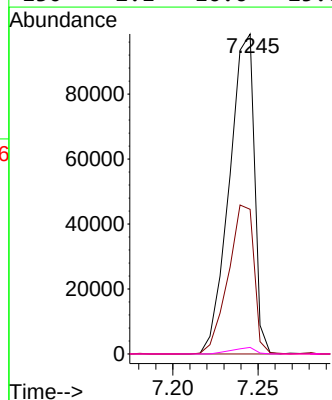
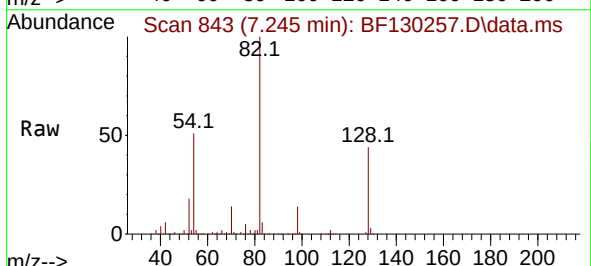
Instrument :
BNA_F
ClientSampleId :
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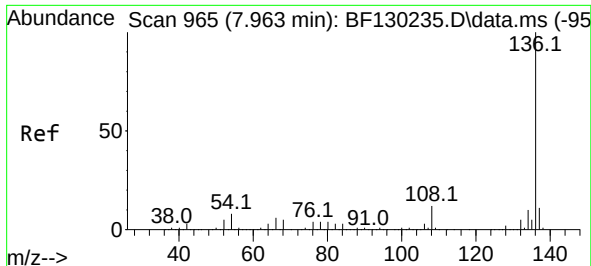
Tgt Ion: 99 Resp: 944886
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.707 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion: 70 Resp: 100974
Ion Ratio Lower Upper
70 100
42 45.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

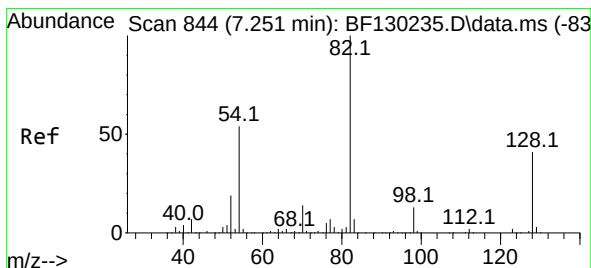
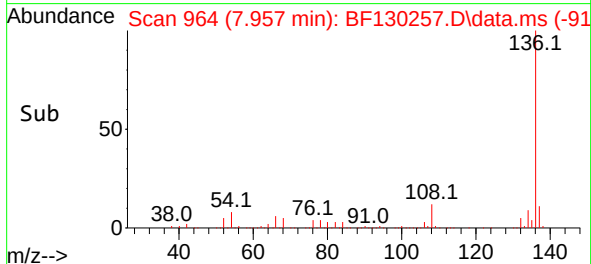
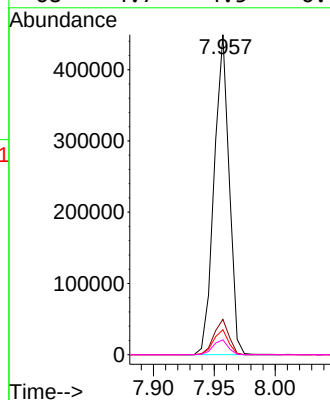
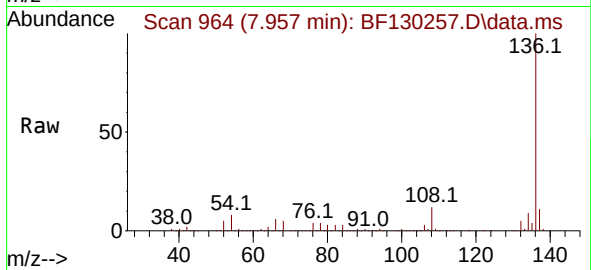




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

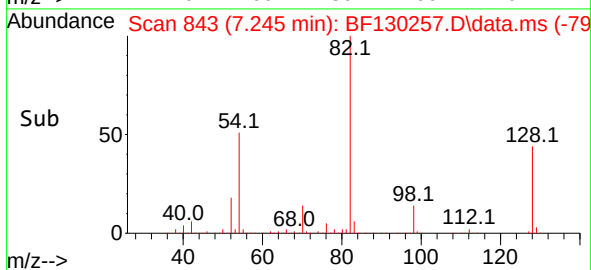
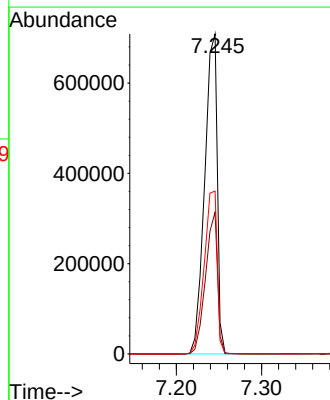
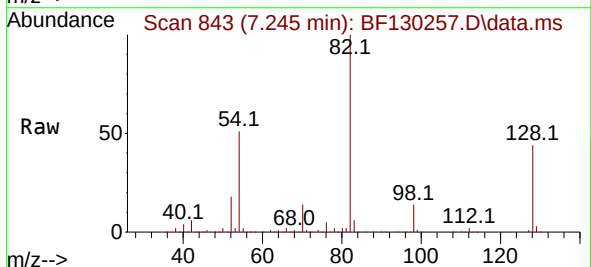
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-12

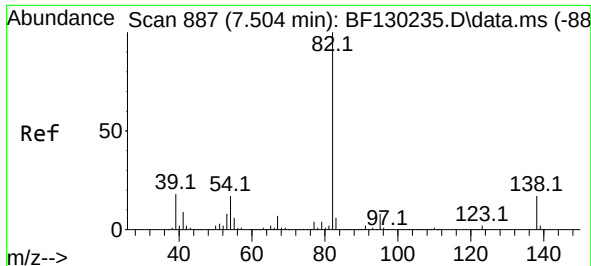
Tgt Ion:136	Resp: 384633
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.8	7.1 10.7
68 4.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 96.422 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion: 82	Resp: 725935
Ion Ratio	Lower Upper
82 100	
128 44.3	32.6 49.0
54 50.9	43.8 65.6

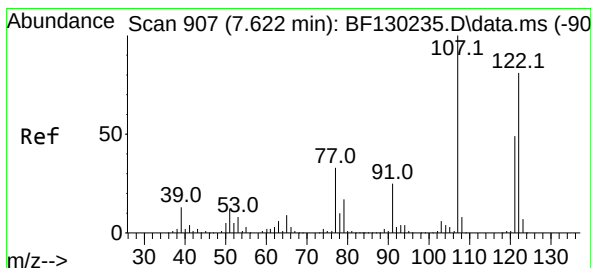
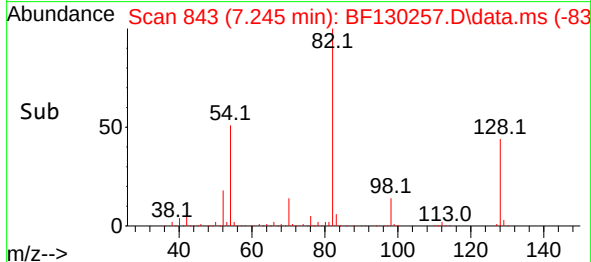
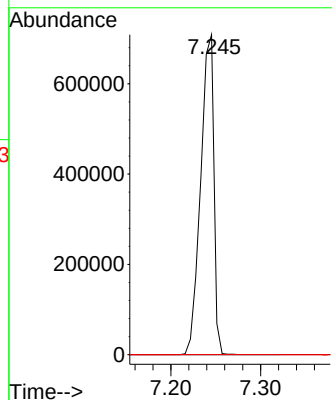
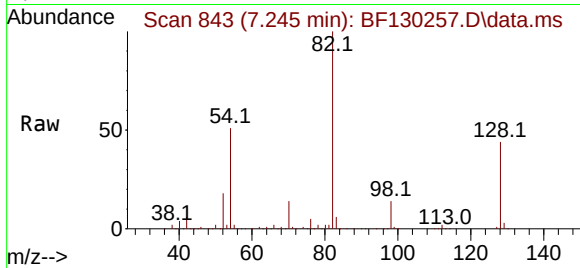




#25
Isophorone
Concen: 59.823 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

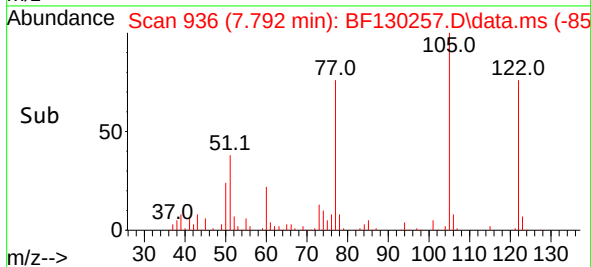
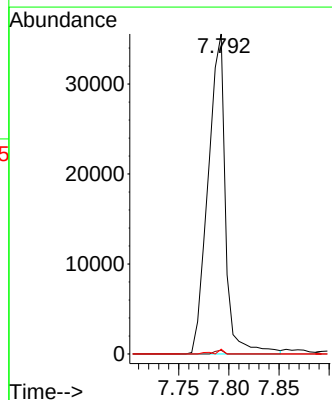
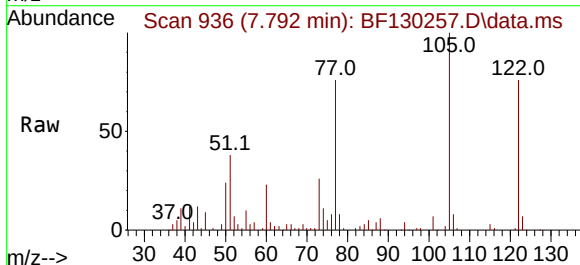
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ClientSampleId :
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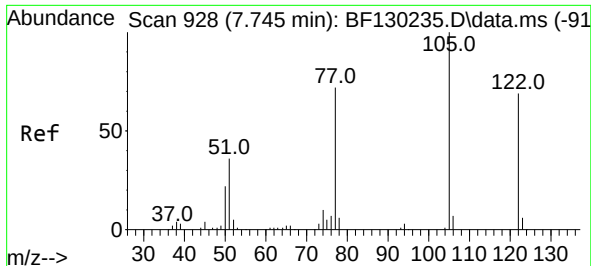
Tgt Ion: 82 Resp: 725929
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 8.921 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.171 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion: 122 Resp: 43044
Ion Ratio Lower Upper
122 100
107 1.2 100.2 150.2#
121 1.5 47.8 71.8#

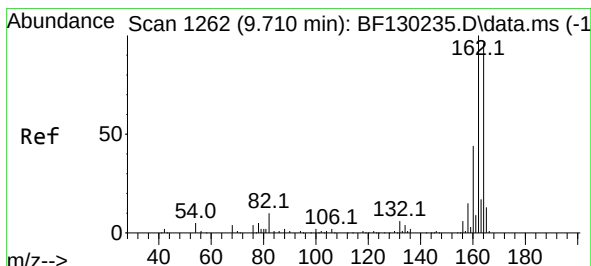
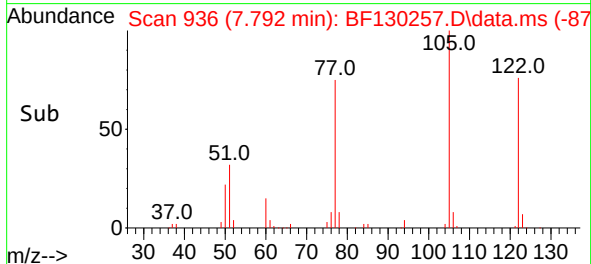
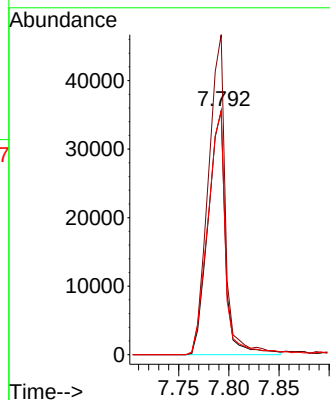
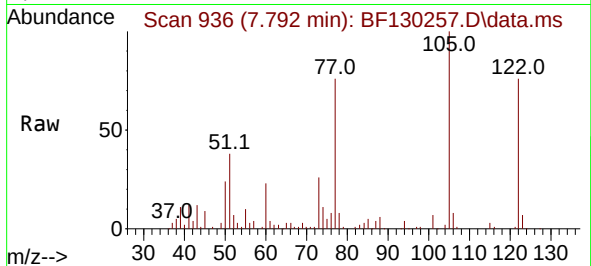




#32
Benzoic acid
Concen: 11.535 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.047 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

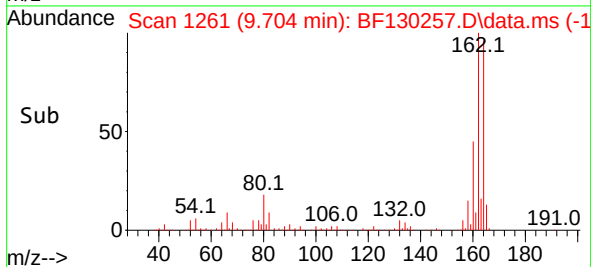
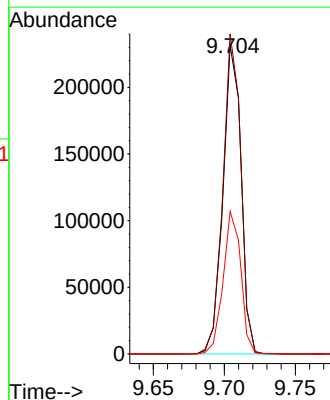
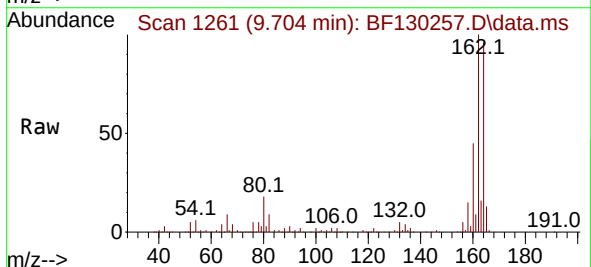
Instrument :
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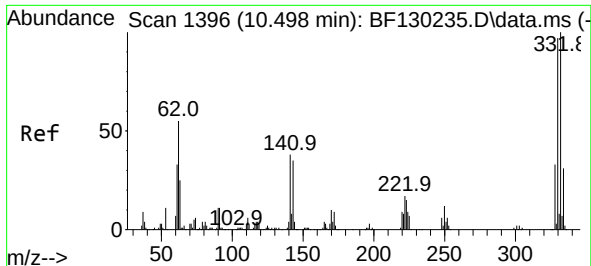
Tgt Ion:122 Resp: 43044
Ion Ratio Lower Upper
122 100
105 131.3 112.9 152.9
77 100.0 82.8 122.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

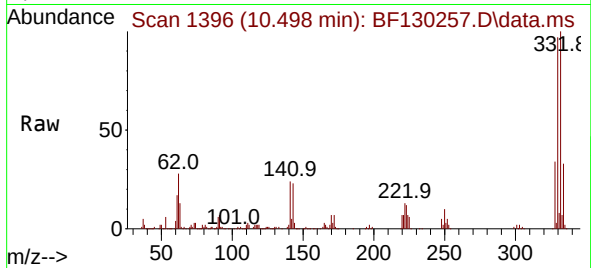
Tgt Ion:164 Resp: 205106
Ion Ratio Lower Upper
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162 103.7 81.4 122.0
160 46.2 36.2 54.4



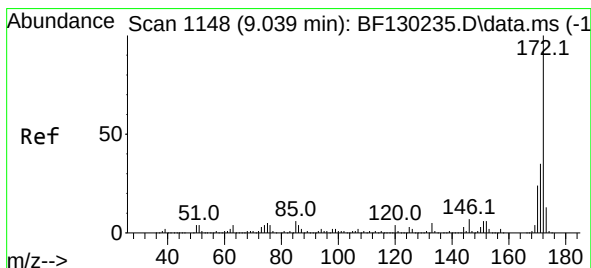
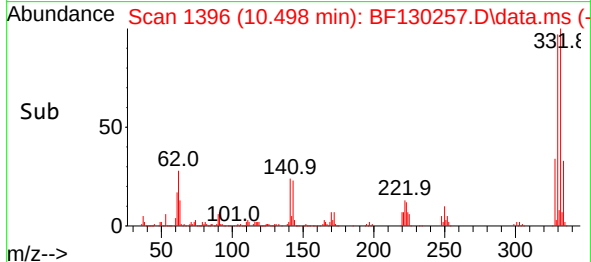
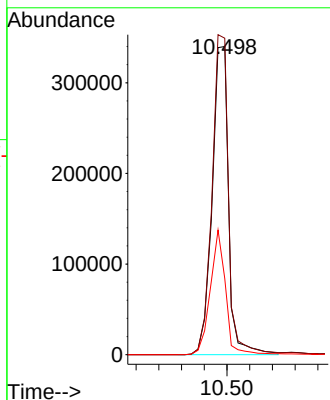


#42
2,4,6-Tribromophenol
Concen: 174.135 ng
RT: 10.498 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-12

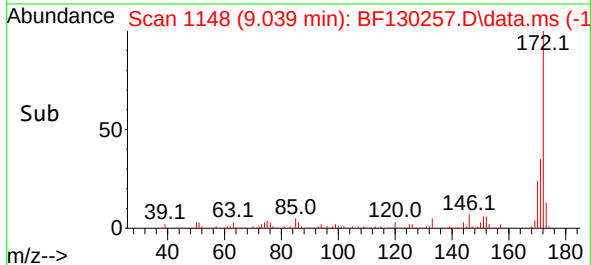
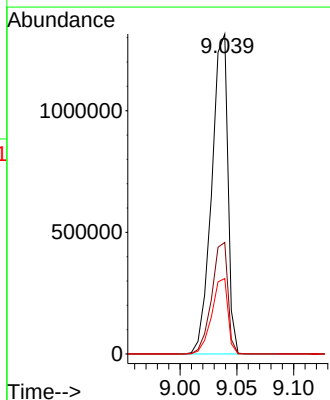
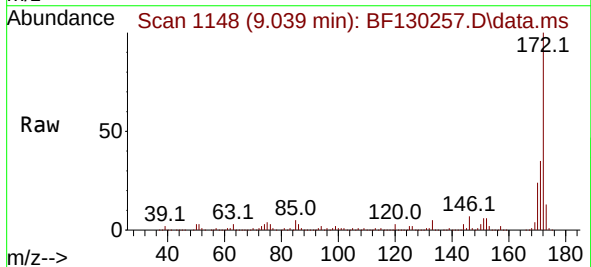


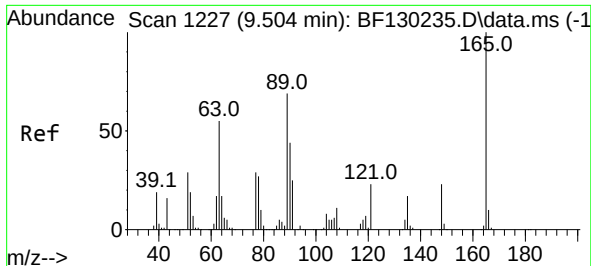
Tgt Ion:330 Resp: 342229
Ion Ratio Lower Upper
330 100
332 104.9 83.4 125.2
141 37.8 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 92.325 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion:172 Resp: 1300409
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.6 18.7 28.1

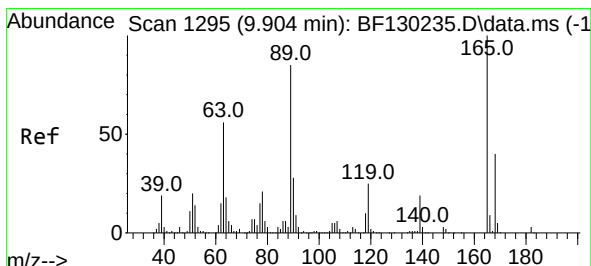
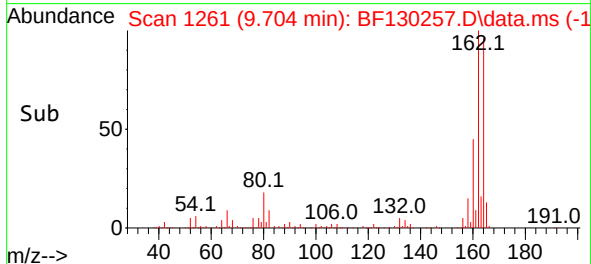
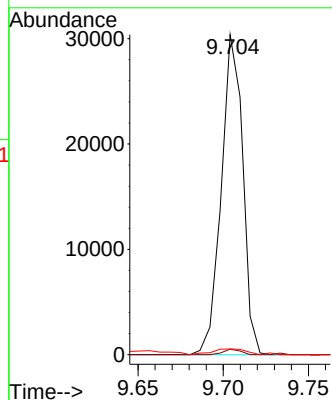
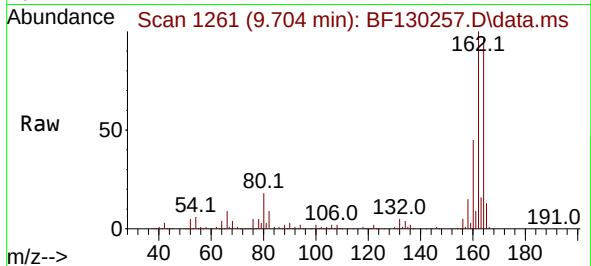




#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

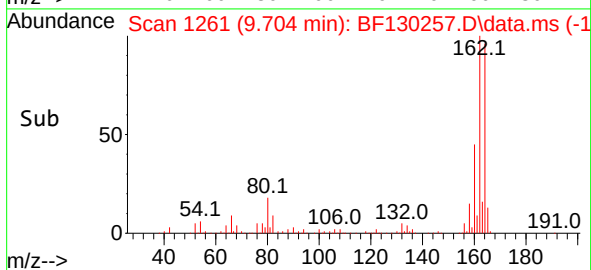
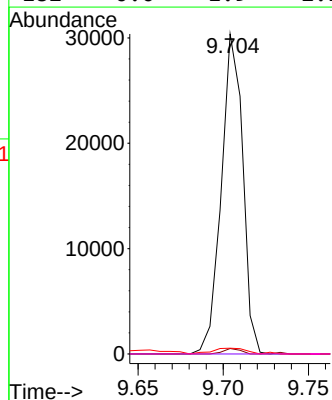
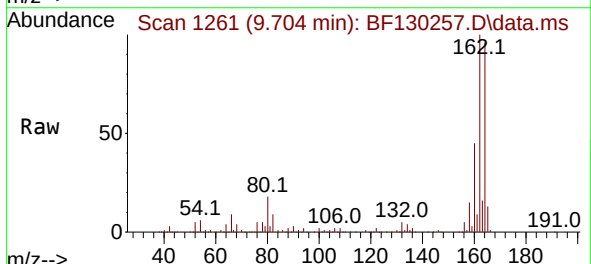
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-12

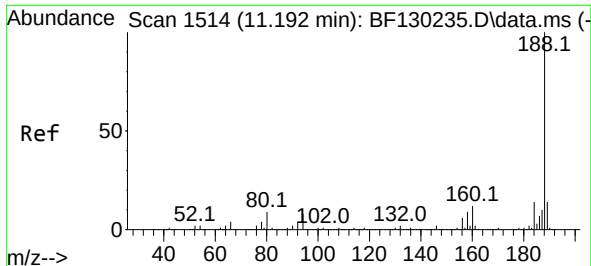
Tgt Ion:165 Resp: 26585
Ion Ratio Lower Upper
165 100
63 1.7 58.8 88.2#
89 1.8 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.020 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion:165 Resp: 26585
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#

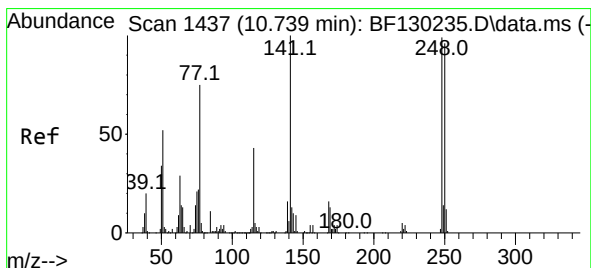
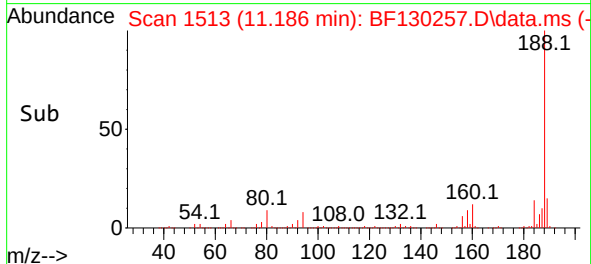
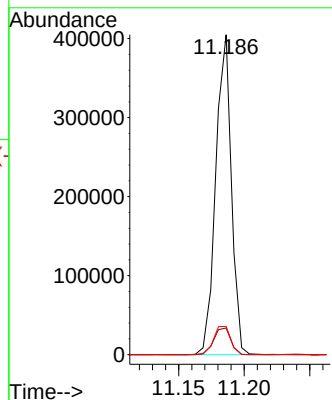
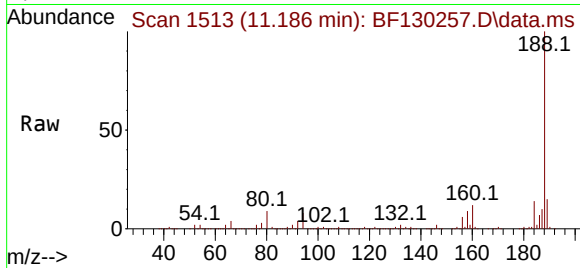




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

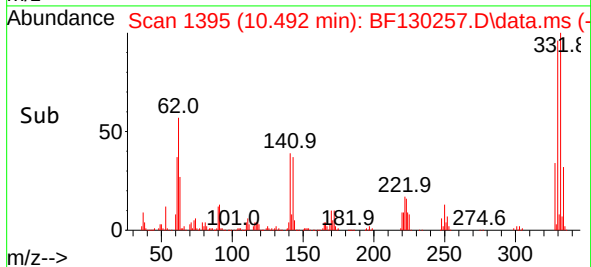
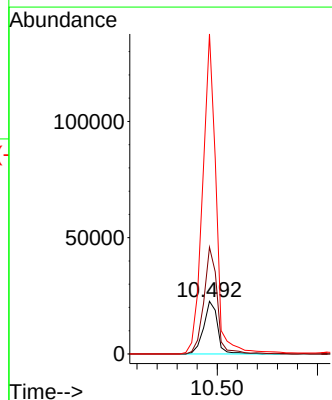
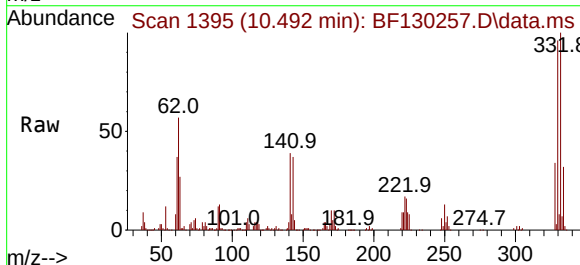
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-12

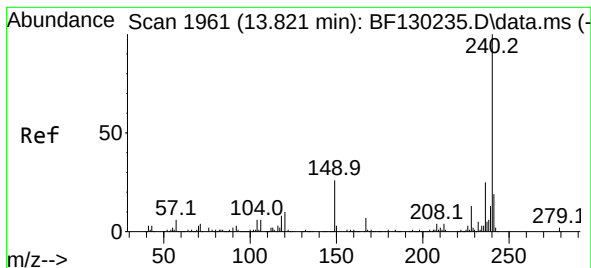
Tgt Ion:188 Resp: 334719
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.948 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130257.D
Acq: 15 Sep 2022 00:29

Tgt Ion:248 Resp: 21964
Ion Ratio Lower Upper
248 100
250 202.8 80.0 120.0#
141 608.4 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: BF130257.D

Acq: 15 Sep 2022 00:29

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-12

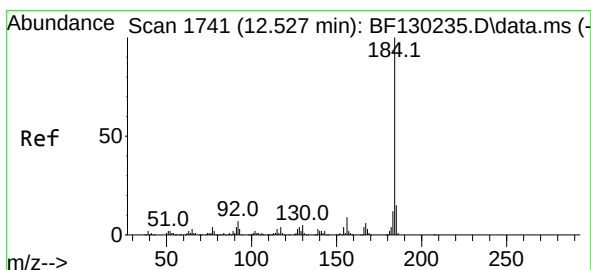
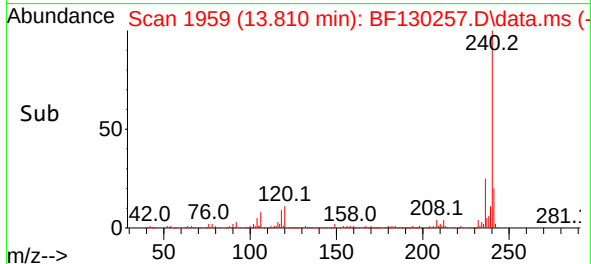
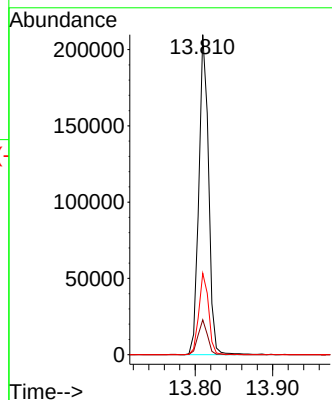
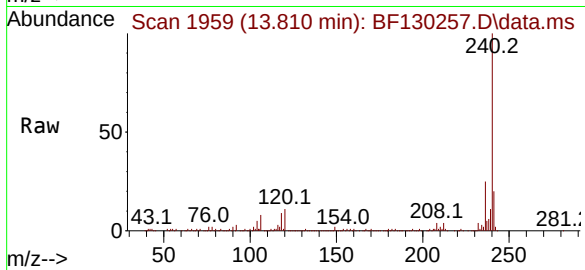
Tgt Ion:240 Resp: 182584

Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

236 25.5 20.9 31.3



#77

Benidine

Concen: 3.803 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130257.D

Acq: 15 Sep 2022 00:29

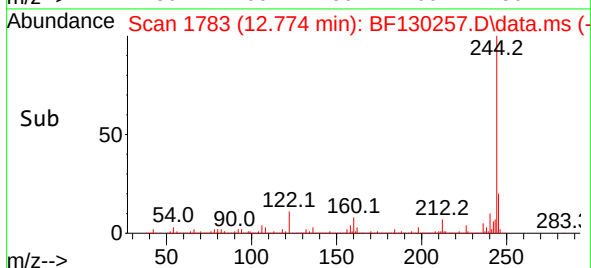
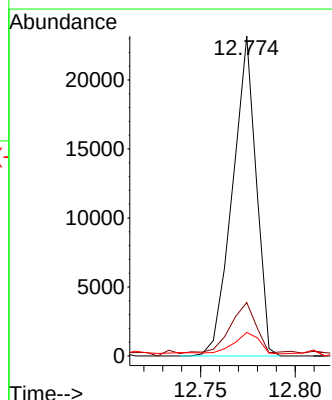
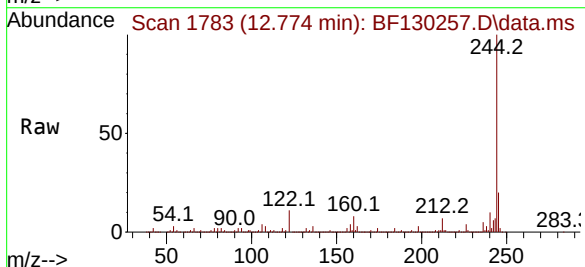
Tgt Ion:184 Resp: 20159

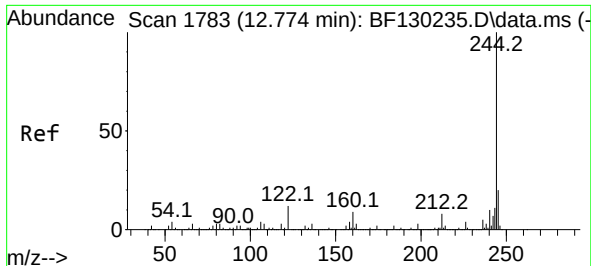
Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.6

183 7.4 9.1 13.7#

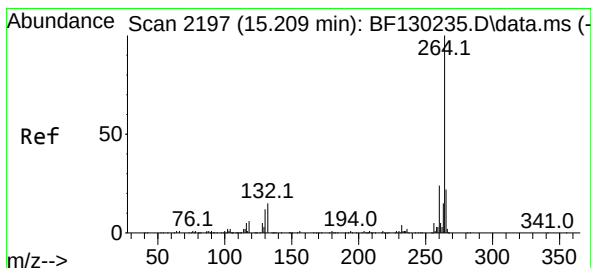
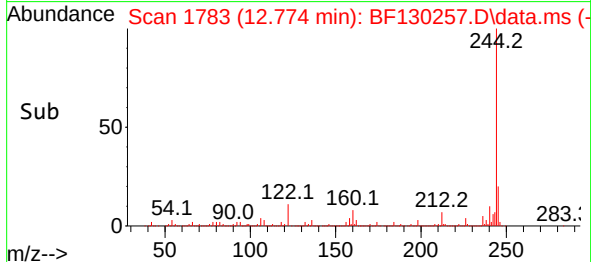
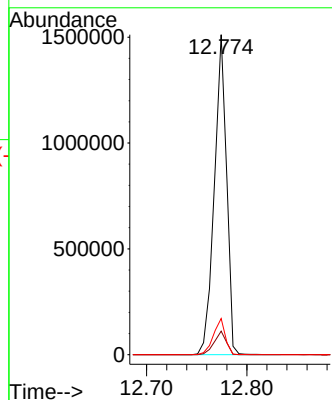
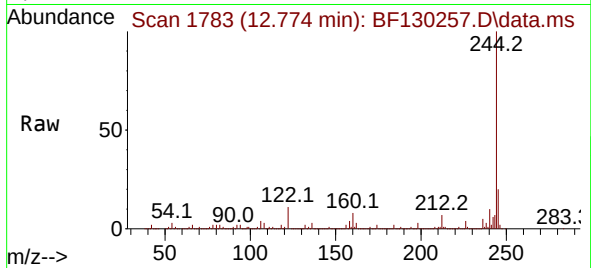




#79
 Terphenyl-d14
 Concen: 116.368 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130257.D
 Acq: 15 Sep 2022 00:29

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-12

Tgt Ion:244 Resp: 1282650
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.3 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: BF130257.D
 Acq: 15 Sep 2022 00:29

Tgt Ion:264 Resp: 147988
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.3 28.9
 265 20.7 17.0 25.4

