

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130244.D
 Acq On : 14 Sep 2022 17:30
 Operator : CG\JU
 Sample : N4578-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-1

Quant Time: Sep 15 01:23:49 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)

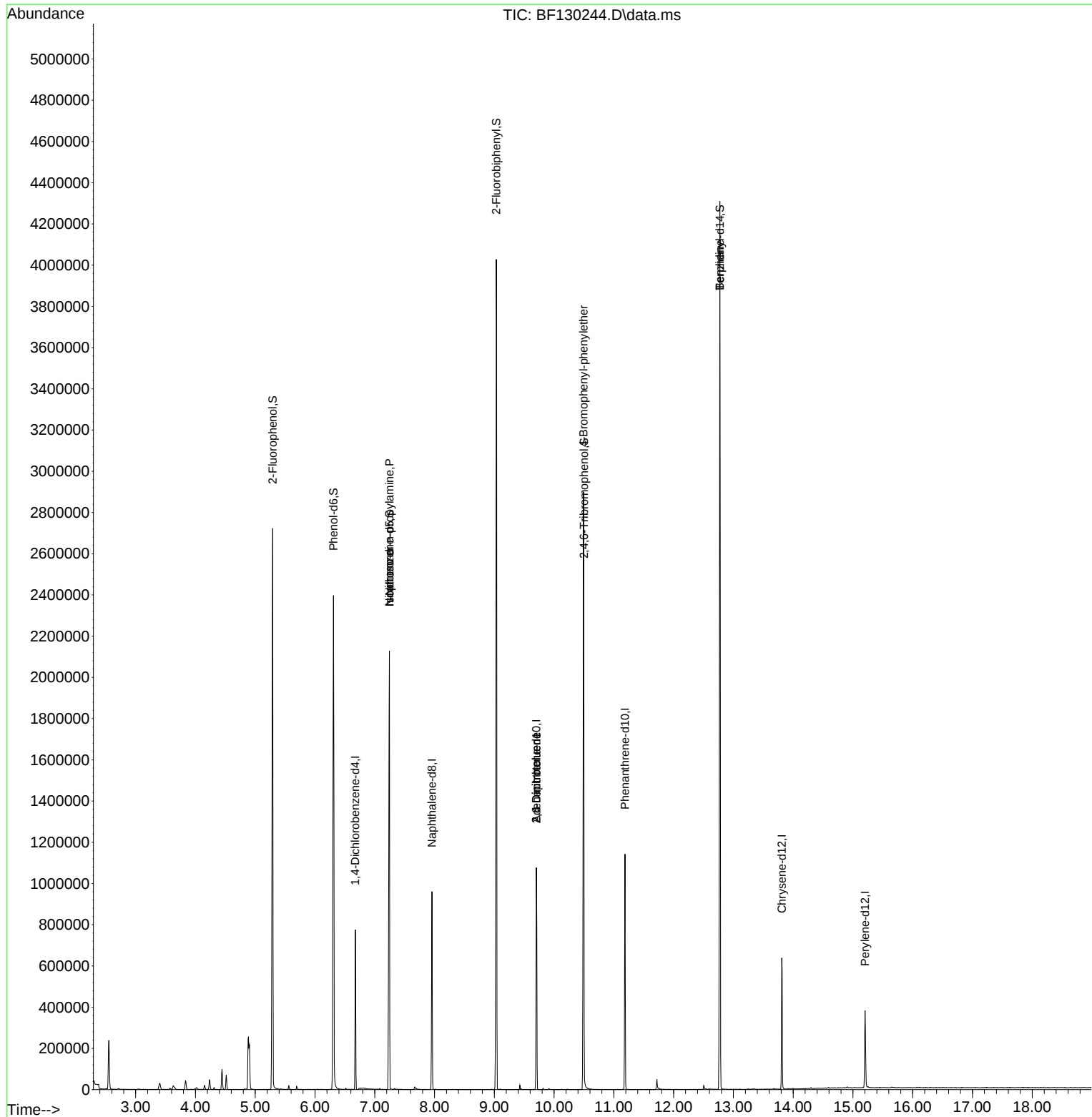
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	94093	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	381787	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	204769	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	351418	20.000	ng	0.00
76) Chrysene-d12	13.810	240	208234	20.000	ng	-0.01
86) Perylene-d12	15.204	264	148665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	754434	139.069	ng	0.02
7) Phenol-d6	6.310	99	865264	127.473	ng	0.00
23) Nitrobenzene-d5	7.245	82	712724	95.373	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	344856	175.761	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1286677	91.501	ng	0.00
79) Terphenyl-d14	12.774	244	1411570	112.290	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	99865	21.803	ng	# 74
25) Isophorone	7.245	82	712715	59.172	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	26600	8.992	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	26600	7.036	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	21738	5.607	ng	# 1
77) Benzydine	12.774	184	22690	3.754	ng	# 93

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

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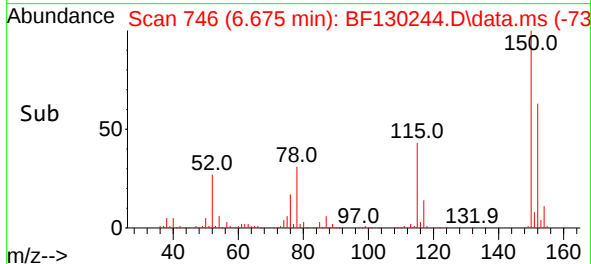
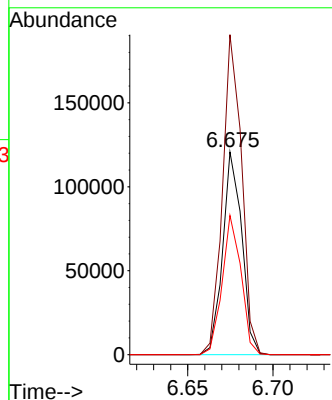
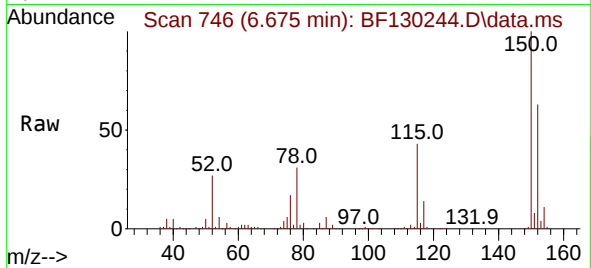




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

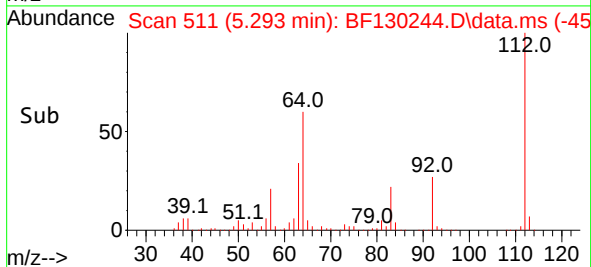
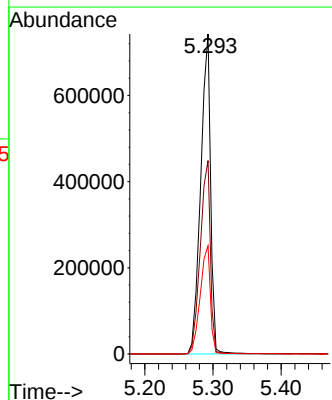
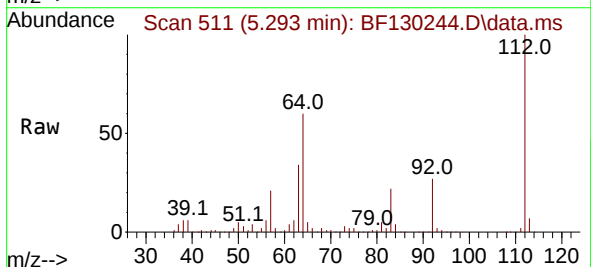
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1

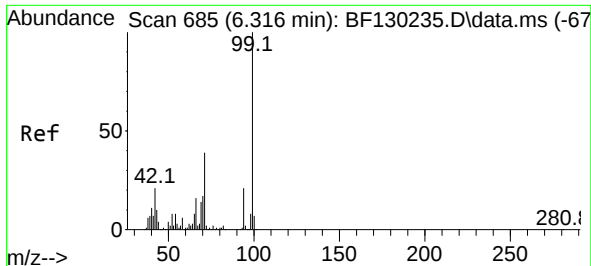
Tgt Ion:152 Resp: 94093
Ion Ratio Lower Upper
152 100
150 157.8 122.8 184.2
115 68.6 53.8 80.8



#5
2-Fluorophenol
Concen: 139.069 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion:112 Resp: 754434
Ion Ratio Lower Upper
112 100
64 60.5 51.4 77.0
63 33.8 28.8 43.2

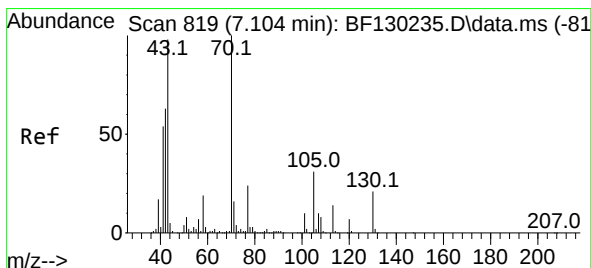
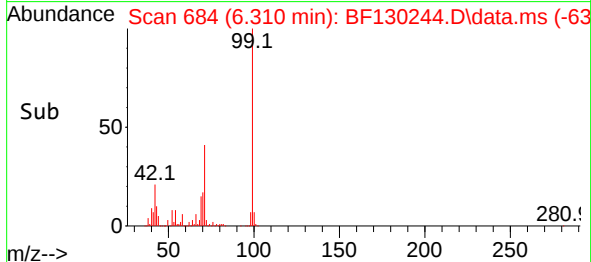
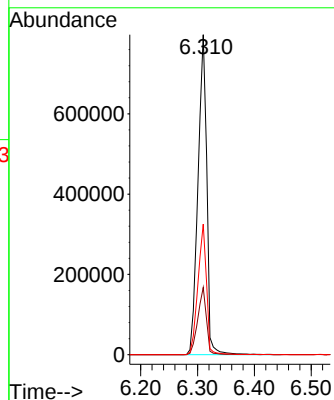
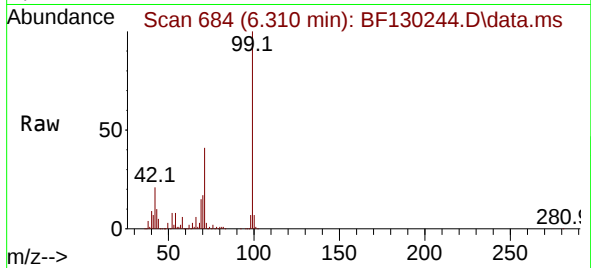




#7
Phenol-d6
Concen: 127.473 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

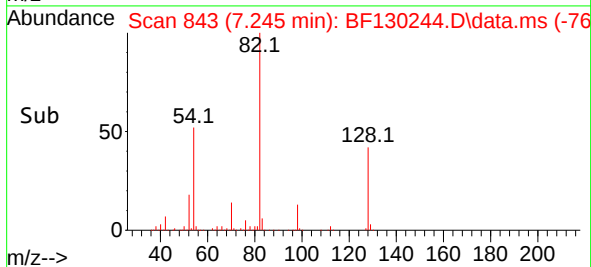
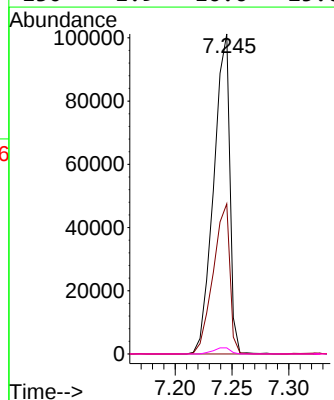
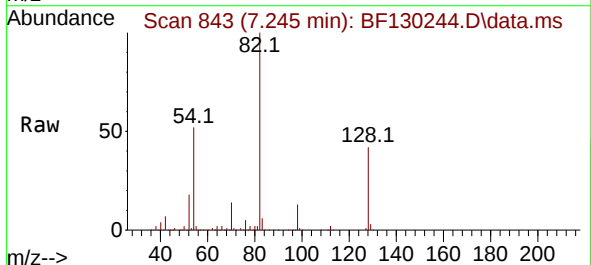
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1

Tgt Ion: 99 Resp: 865264
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 40.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.803 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion: 70 Resp: 99865
Ion Ratio Lower Upper
70 100
42 46.9 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

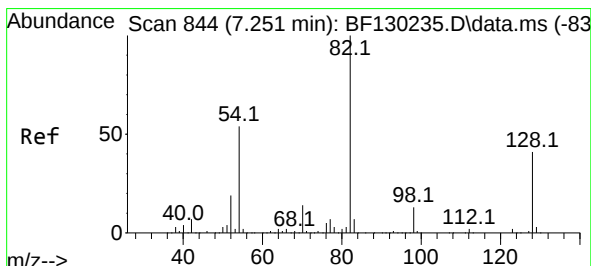
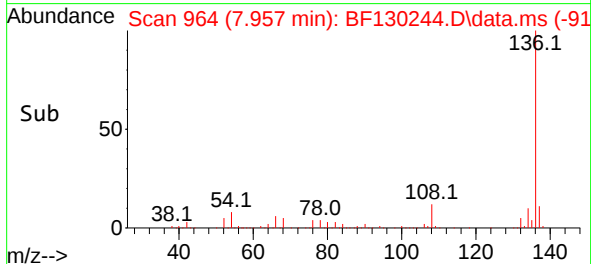
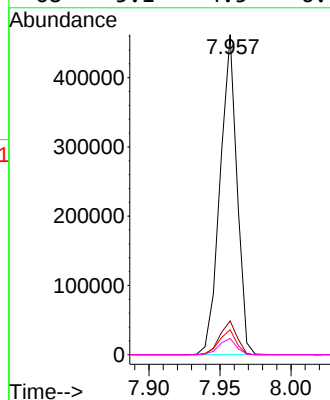
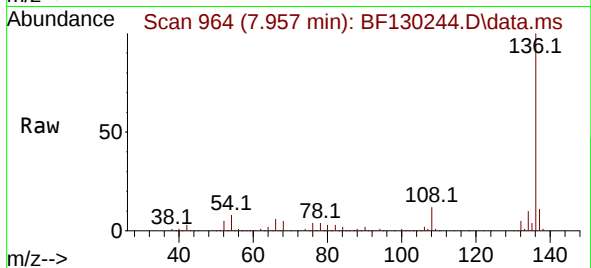




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

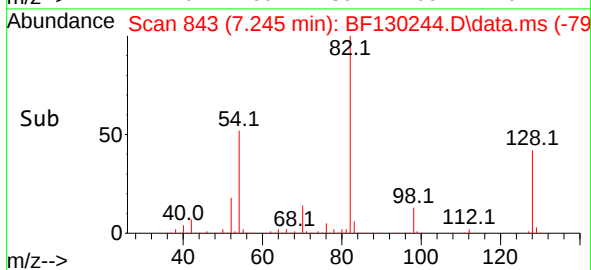
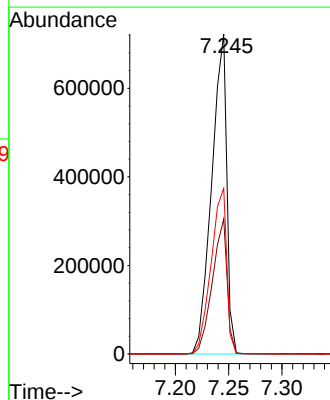
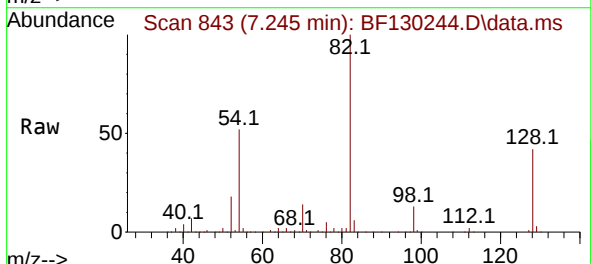
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1

Tgt Ion:	136	Resp:	381787
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.8	7.1	10.7
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 95.373 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion:	82	Resp:	712724
Ion Ratio	Lower	Upper	
82	100		
128	42.2	32.6	49.0
54	51.8	43.8	65.6

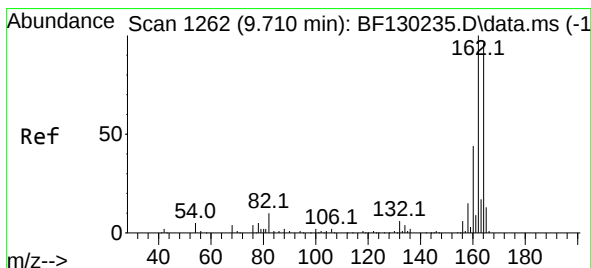
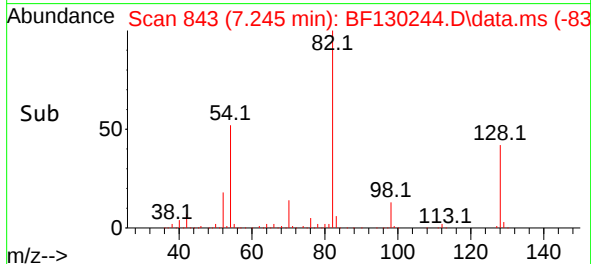
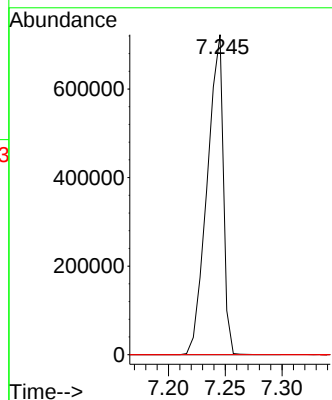
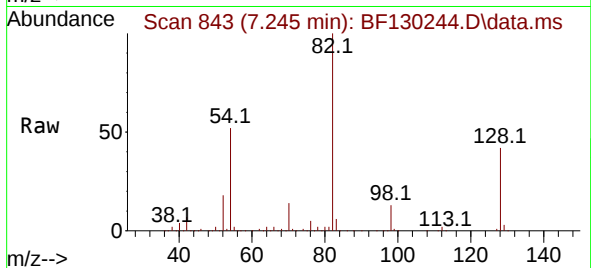




#25
Isophorone
Concen: 59.172 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

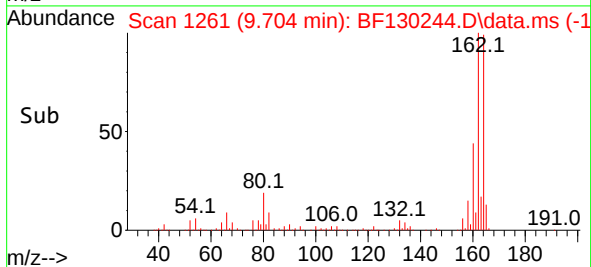
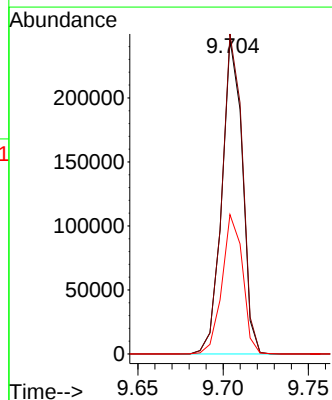
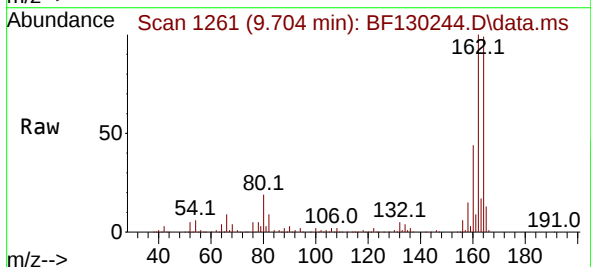
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ClientSampleId :
CHERRY-HILL-COMP-1

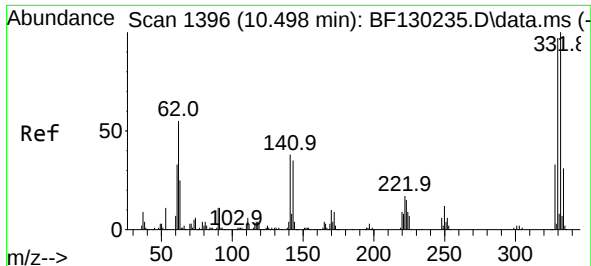
Tgt Ion: 82 Resp: 712715
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion: 164 Resp: 204769
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.2 36.2 54.4

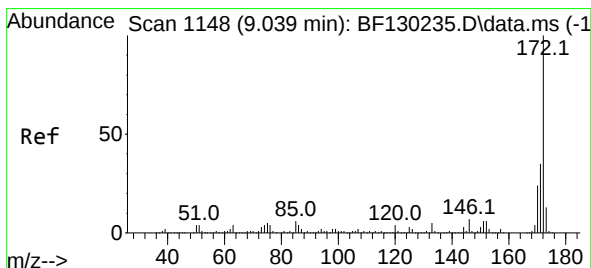
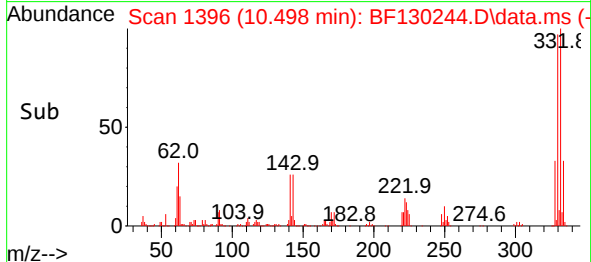
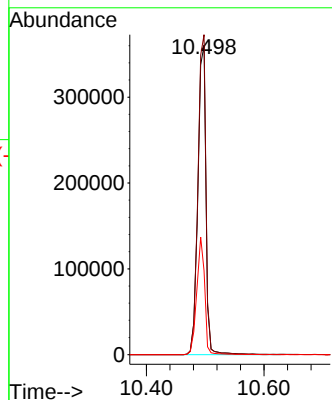
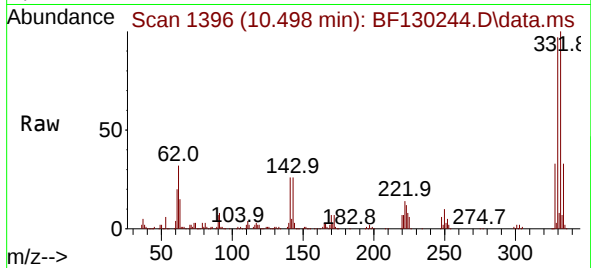




#42
2,4,6-Tribromophenol
Concen: 175.761 ng
RT: 10.498 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

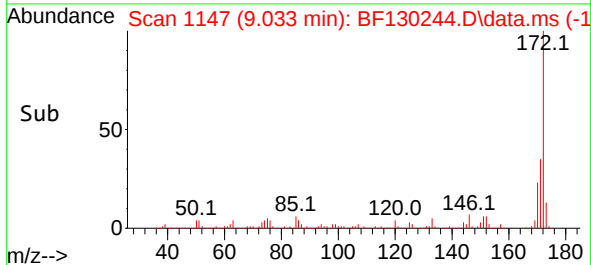
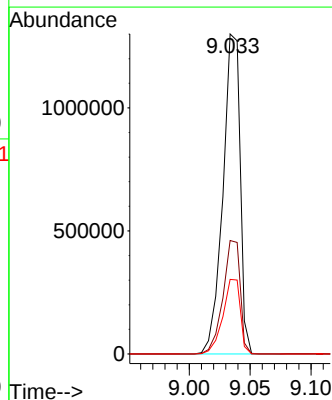
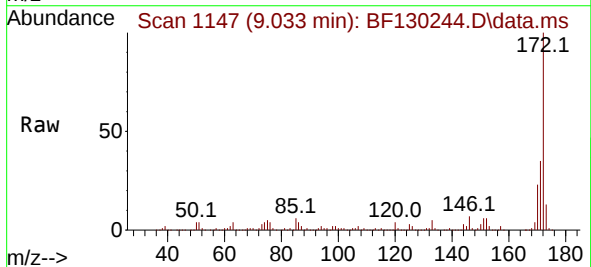
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-1

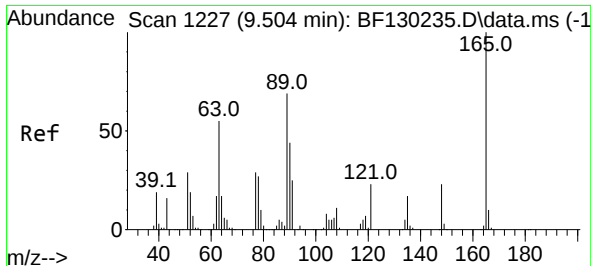
Tgt Ion:330 Resp: 344856
Ion Ratio Lower Upper
330 100
332 103.2 83.4 125.2
141 37.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 91.501 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion:172 Resp: 1286677
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.7 28.1

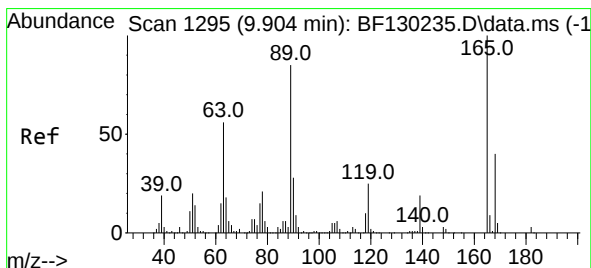
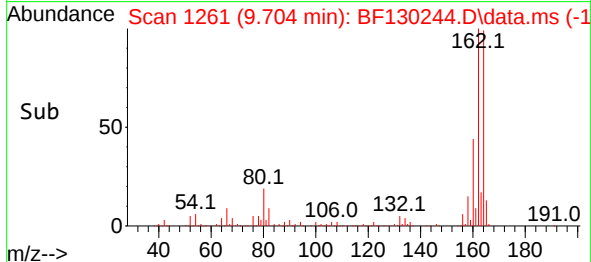
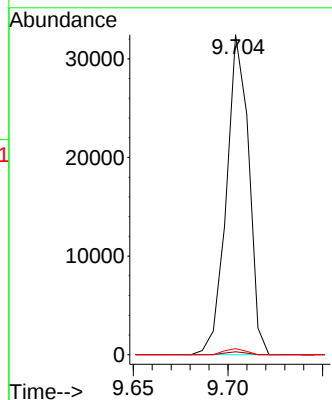
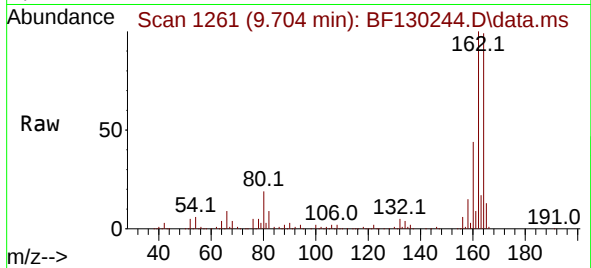




#51
2,6-Dinitrotoluene
Concen: 8.992 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

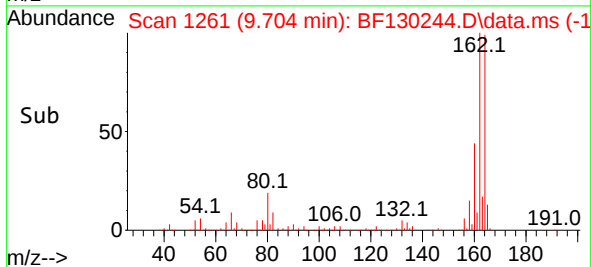
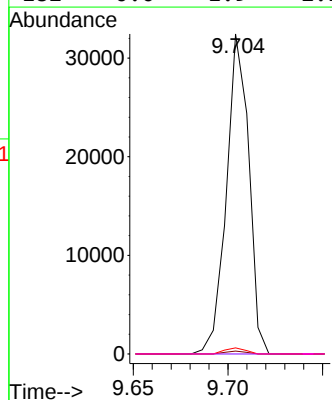
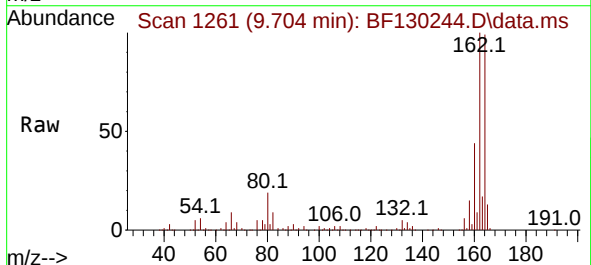
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-1

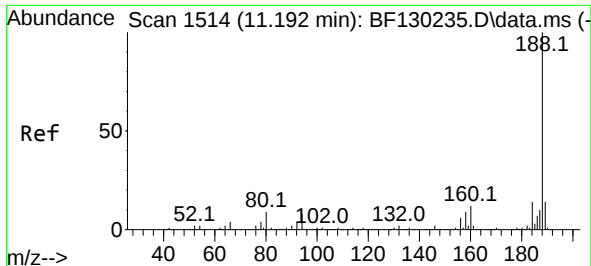
Tgt Ion:165 Resp: 26600
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.9 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion:165 Resp: 26600
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 1.9 69.0 103.4#
182 0.0 1.9 2.9#

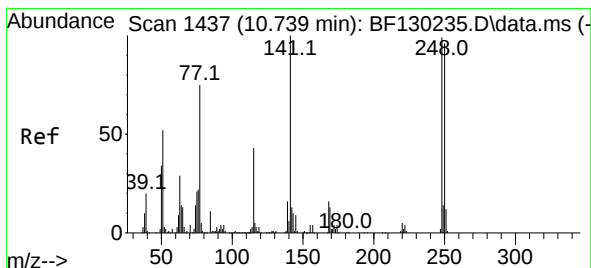
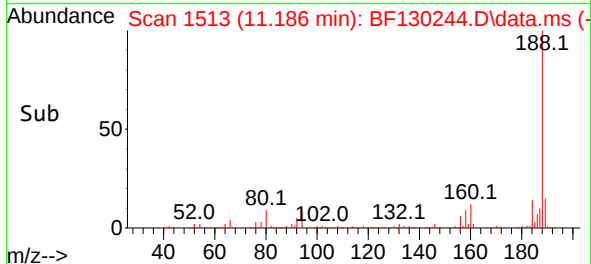
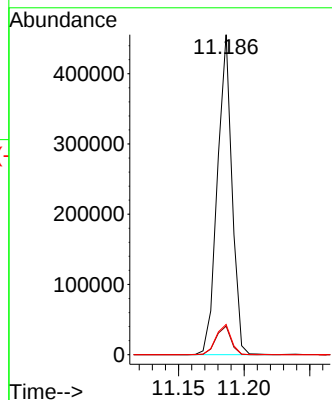
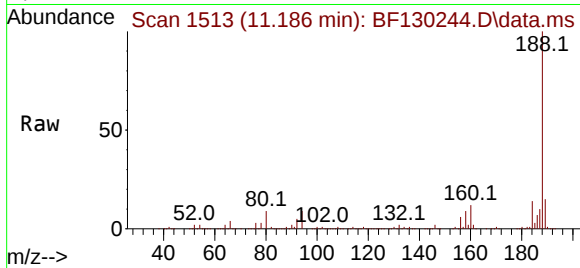




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

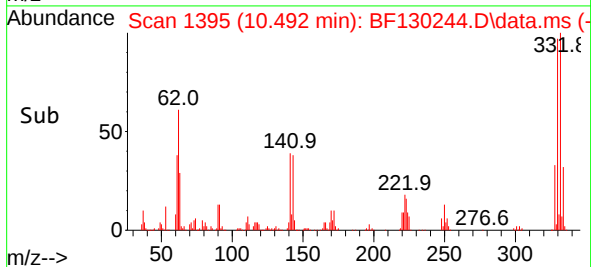
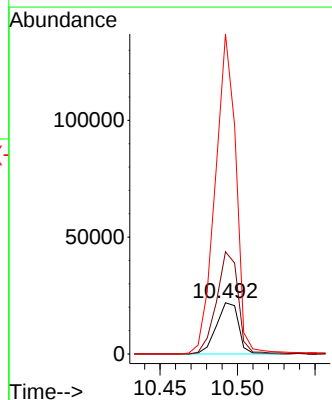
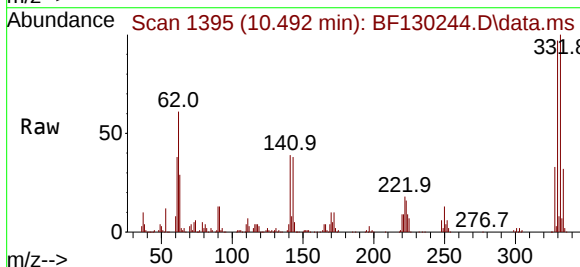
Instrument :
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CHERRY-HILL-COMP-1

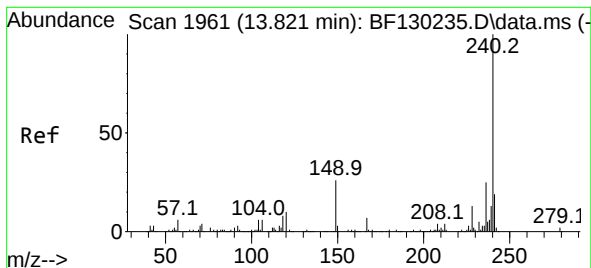
Tgt Ion:188 Resp: 351418
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.607 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130244.D
Acq: 14 Sep 2022 17:30

Tgt Ion:248 Resp: 21738
Ion Ratio Lower Upper
248 100
250 199.3 80.0 120.0#
141 624.1 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: BF130244.D

Acq: 14 Sep 2022 17:30

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1

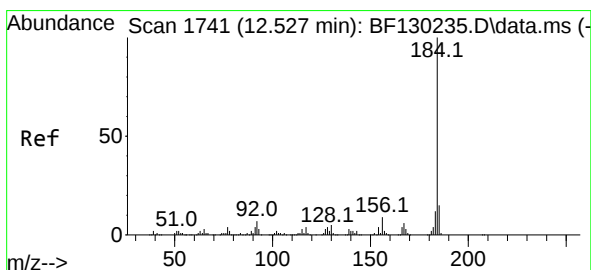
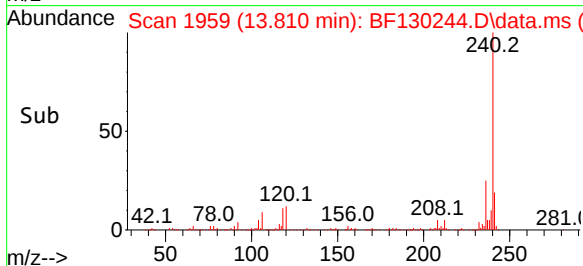
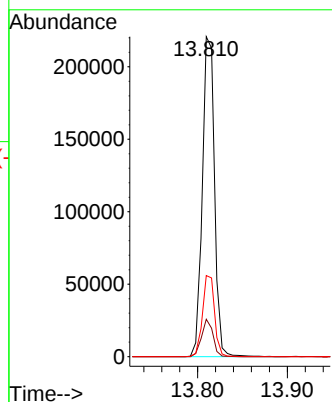
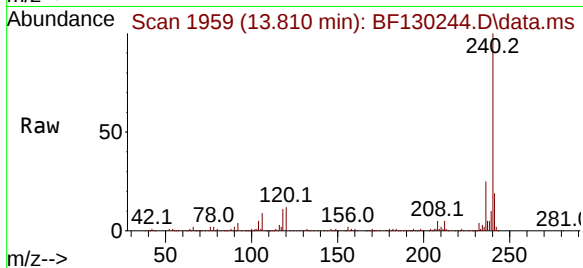
Tgt Ion:240 Resp: 208234

Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

236 25.3 20.9 31.3



#77

Benzidine

Concen: 3.754 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130244.D

Acq: 14 Sep 2022 17:30

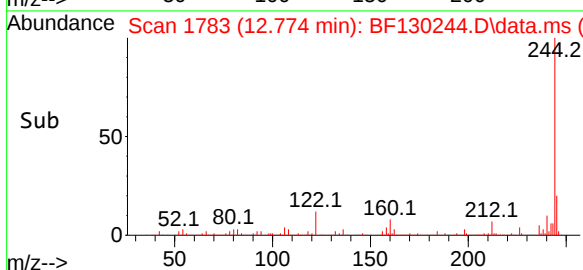
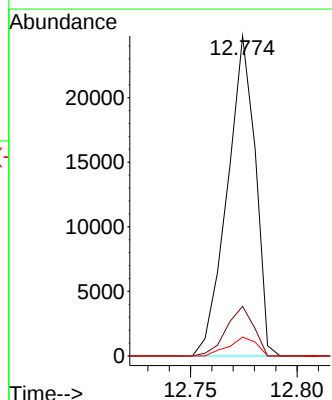
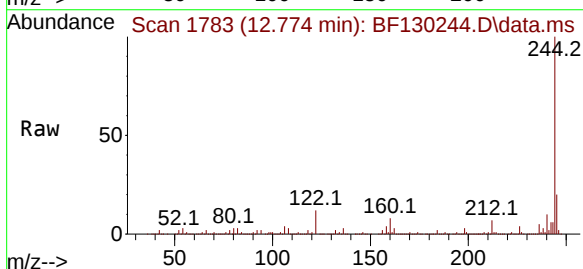
Tgt Ion:184 Resp: 22690

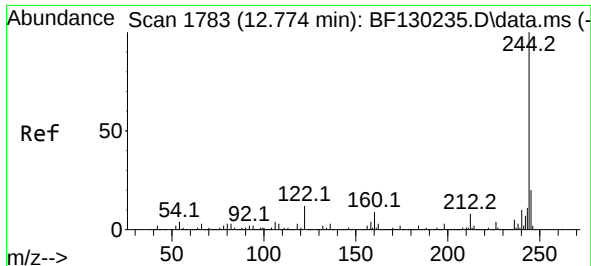
Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

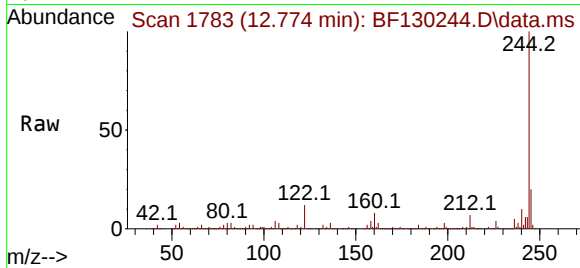
183 5.9 9.1 13.7#





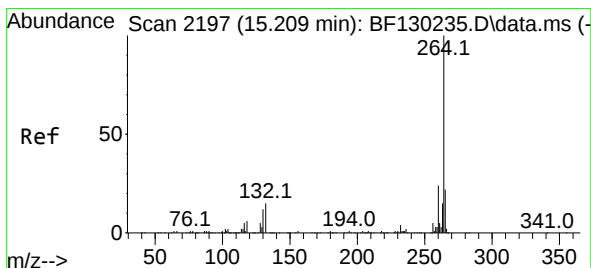
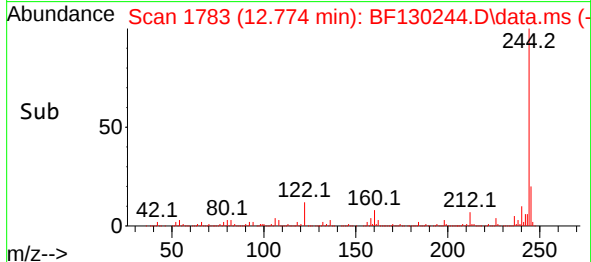
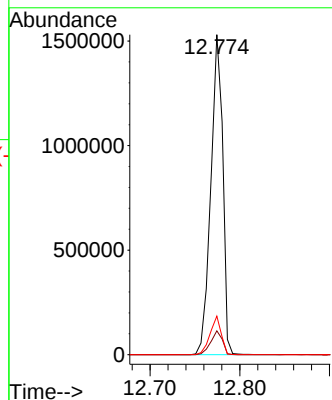
#79
 Terphenyl-d14
 Concen: 112.290 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130244.D
 Acq: 14 Sep 2022 17:30

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-1



Tgt Ion:244 Resp: 1411570

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	12.1	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: BF130244.D
 Acq: 14 Sep 2022 17:30

Tgt Ion:264 Resp: 148665

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	17.0	25.4

