

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130248.D
 Acq On : 14 Sep 2022 19:40
 Operator : CG\JU
 Sample : N4578-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-3

Quant Time: Sep 15 01:26:25 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)

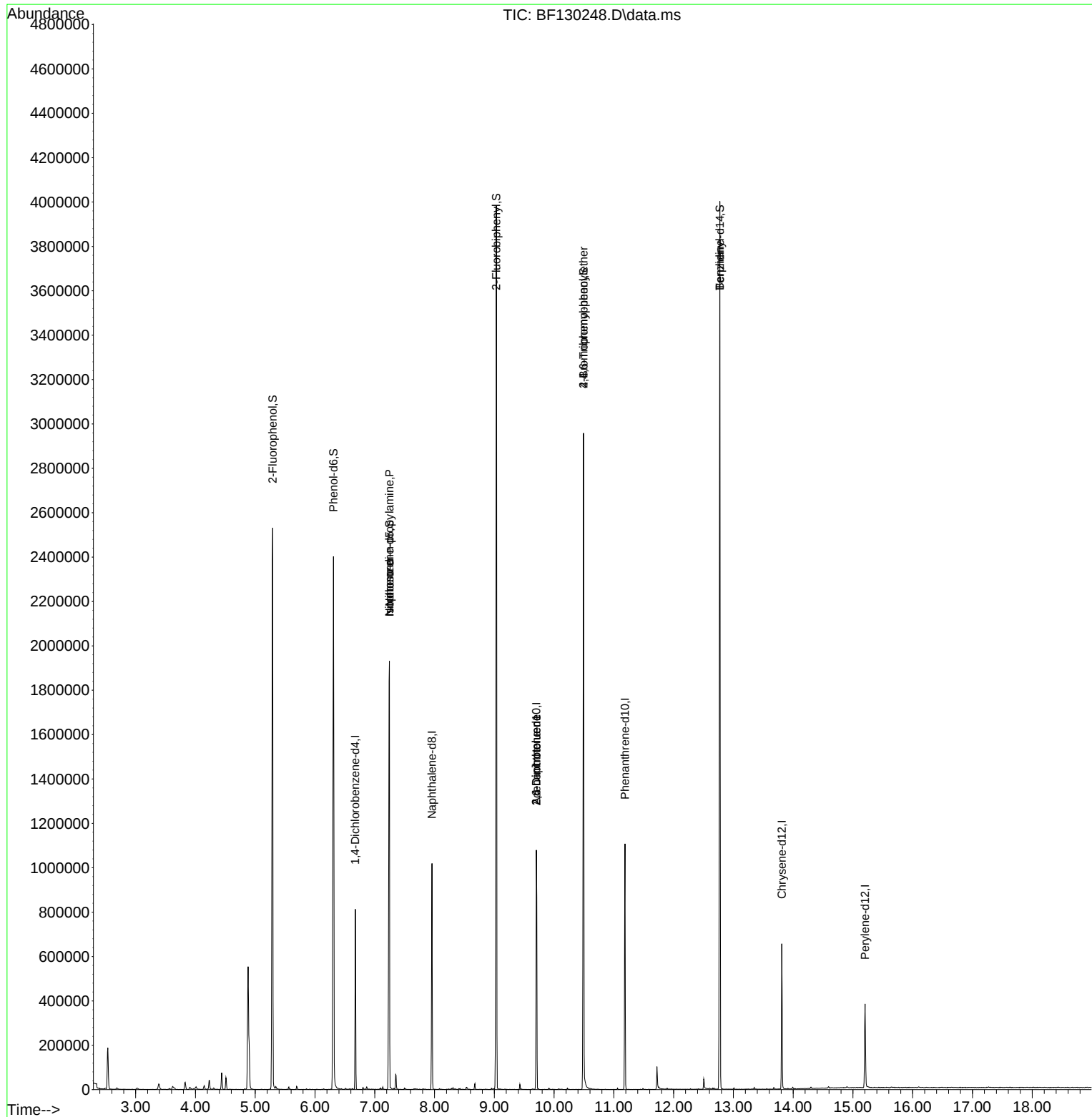
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99884	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	398257	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	211276	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	354543	20.000	ng	0.00
76) Chrysene-d12	13.810	240	197894	20.000	ng	-0.01
86) Perylene-d12	15.204	264	150833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	752833	130.728	ng	0.02
7) Phenol-d6	6.310	99	858647	119.164	ng	0.00
23) Nitrobenzene-d5	7.245	82	679412	87.155	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	318809	157.481	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1200549	82.746	ng	0.00
79) Terphenyl-d14	12.774	244	1248662	104.520	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	93710	19.273	ng	# 74
25) Isophorone	7.245	82	678372	53.992	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	26857	8.799	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	26857	6.885	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20035	5.123	ng	# 1
77) Benzydine	12.774	184	19835	3.453	ng	# 89

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

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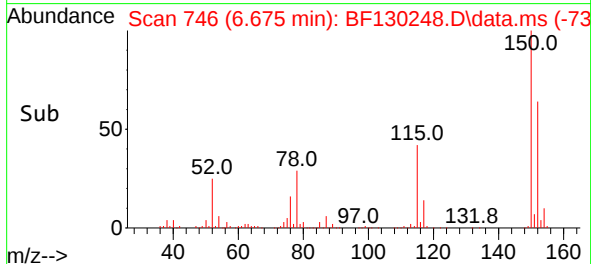
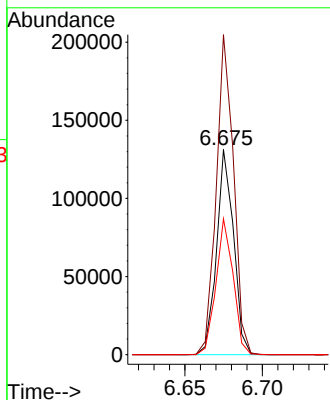
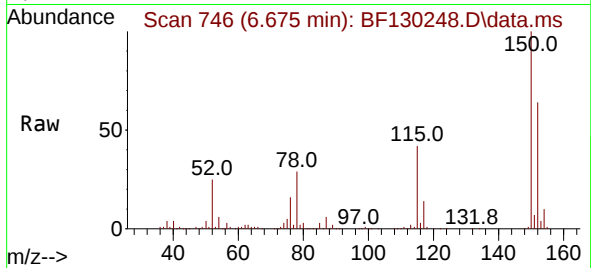




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130248.D
 Acq: 14 Sep 2022 19:40

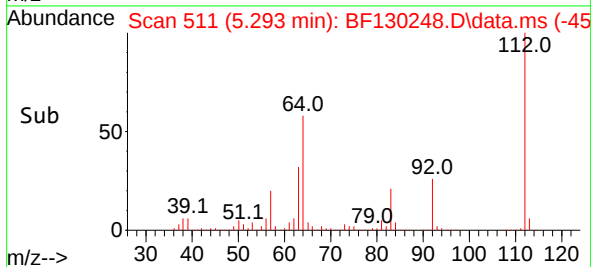
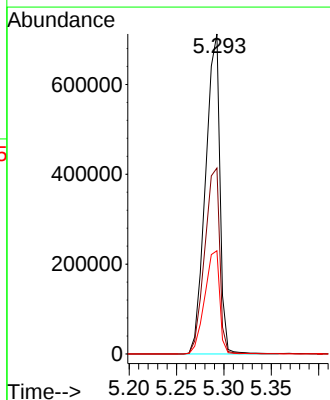
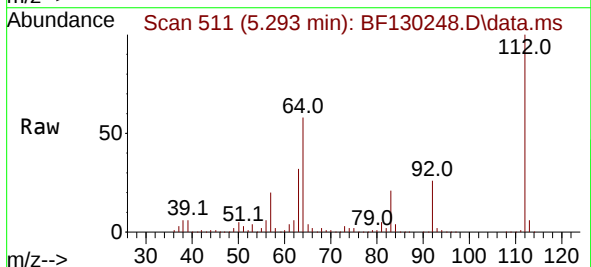
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-3

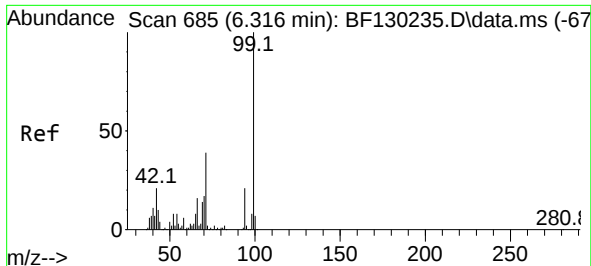
Tgt Ion:152 Resp: 99884
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.8 184.2
 115 66.3 53.8 80.8



#5
 2-Fluorophenol
 Concen: 130.728 ng
 RT: 5.293 min Scan# 511
 Delta R.T. 0.018 min
 Lab File: BF130248.D
 Acq: 14 Sep 2022 19:40

Tgt Ion:112 Resp: 752833
 Ion Ratio Lower Upper
 112 100
 64 58.1 51.4 77.0
 63 32.2 28.8 43.2

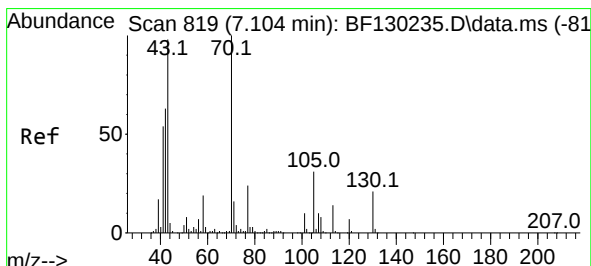
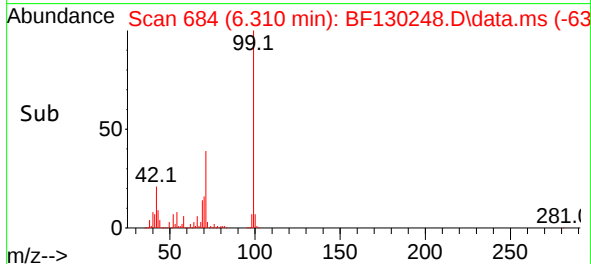
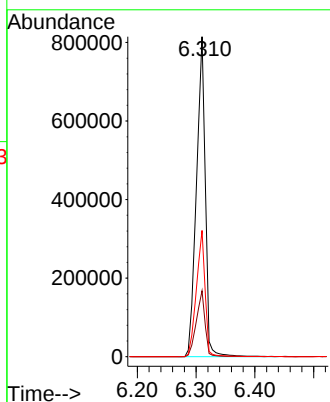
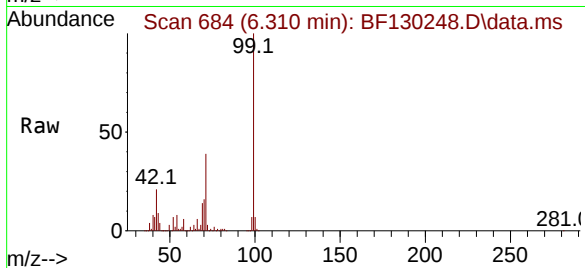




#7
Phenol-d6
Concen: 119.164 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

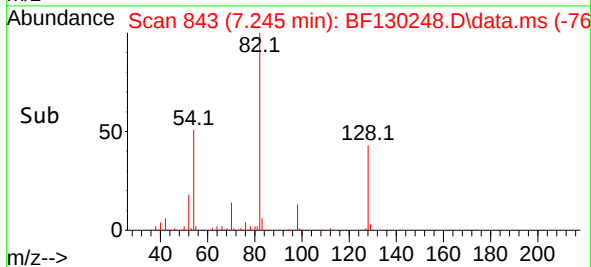
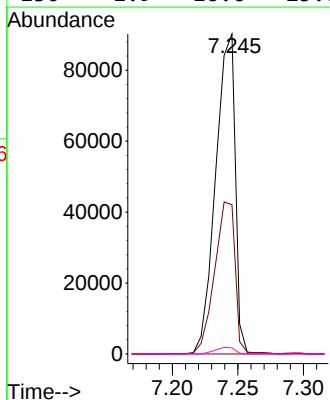
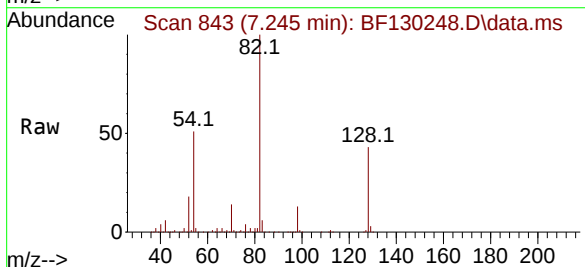
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

Tgt Ion: 99 Resp: 858647
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.273 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 70 Resp: 93710
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#

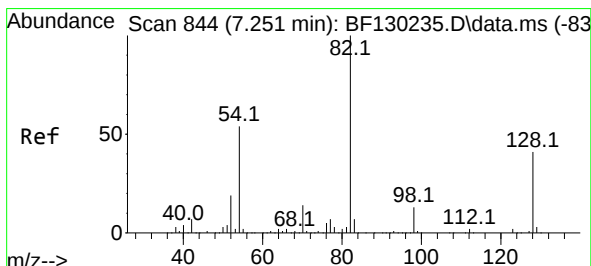
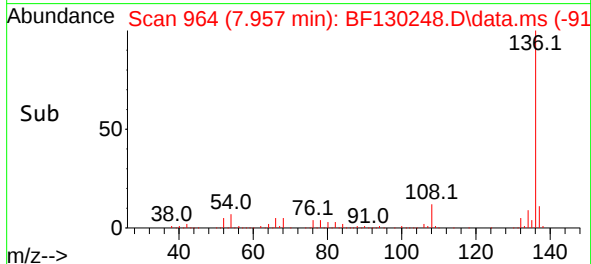
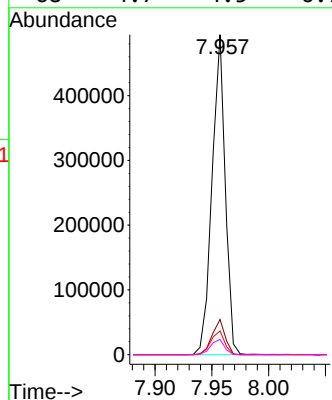
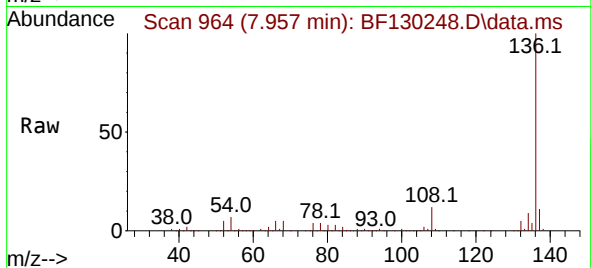




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

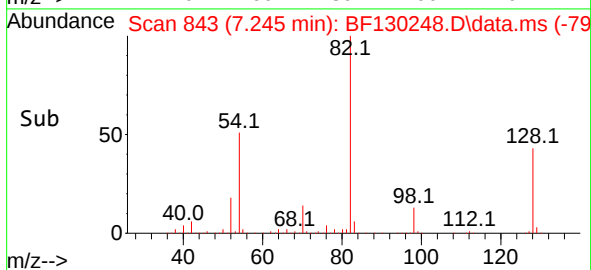
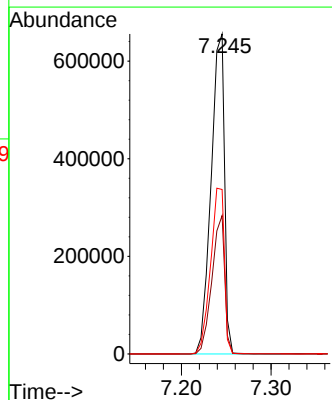
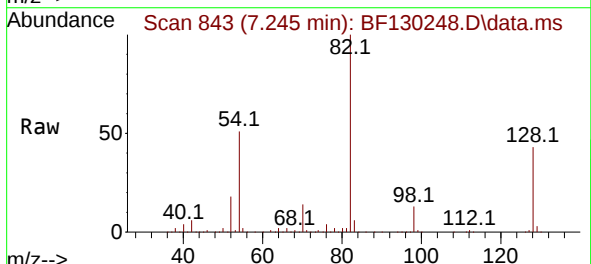
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

Tgt Ion:136	Resp: 398257
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.4	7.1 10.7
68 4.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 87.155 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 82	Resp: 679412
Ion Ratio	Lower Upper
82 100	
128 43.2	32.6 49.0
54 51.4	43.8 65.6

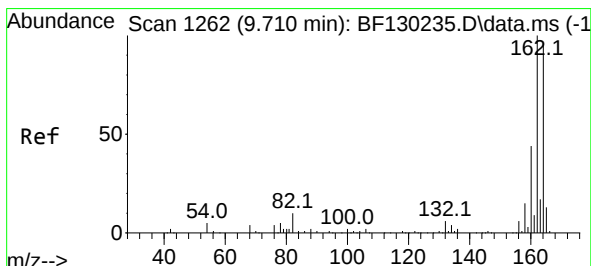
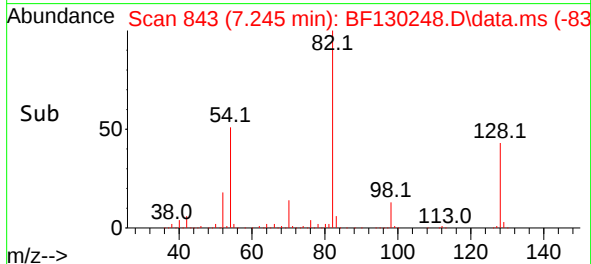
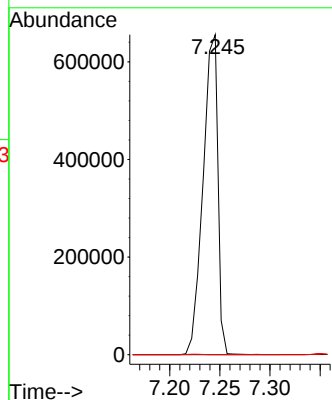
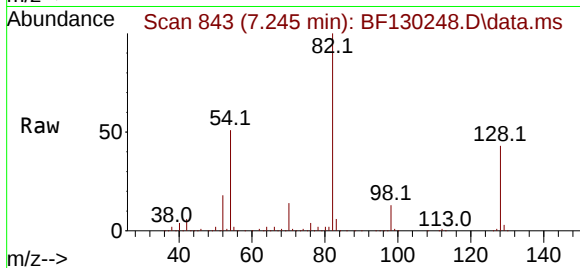




#25
Isophorone
Concen: 53.992 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

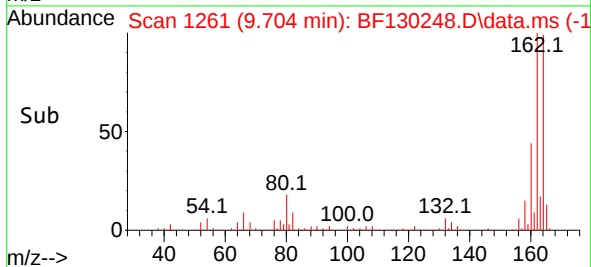
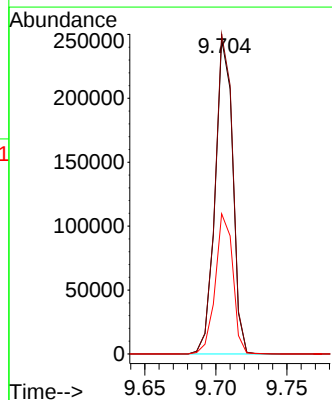
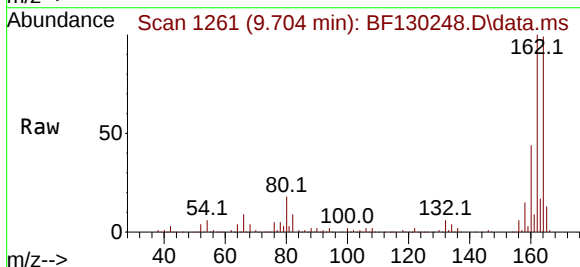
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

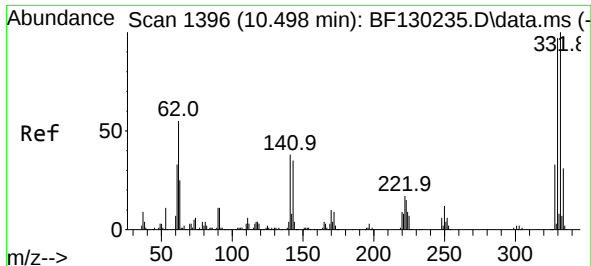
Tgt Ion: 82 Resp: 678372
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:164 Resp: 211276
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 157.481 ng

RT: 10.492 min Scan# 11395

Delta R.T. -0.006 min

Lab File: BF130248.D

Acq: 14 Sep 2022 19:40

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-3

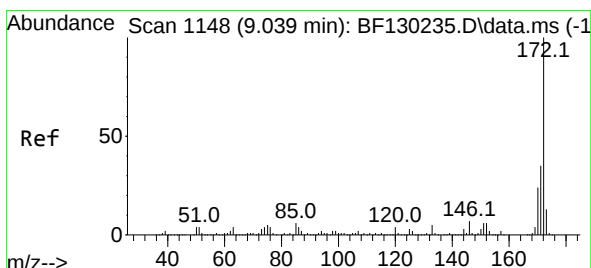
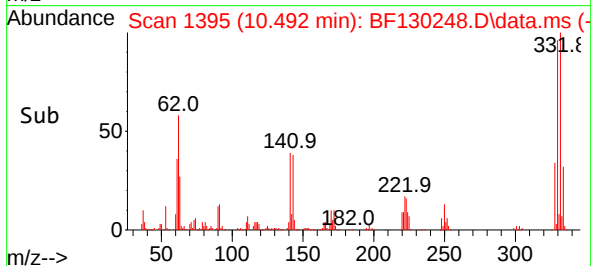
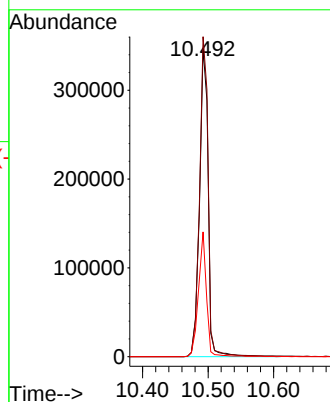
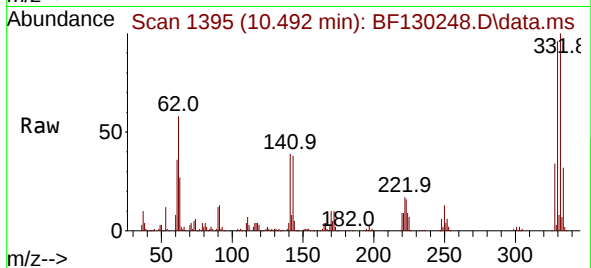
Tgt Ion:330 Resp: 318809

Ion Ratio Lower Upper

330 100

332 103.9 83.4 125.2

141 37.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 82.746 ng

RT: 9.034 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130248.D

Acq: 14 Sep 2022 19:40

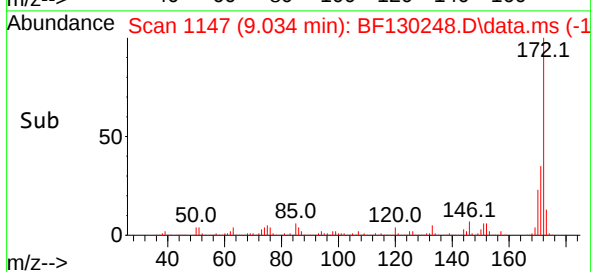
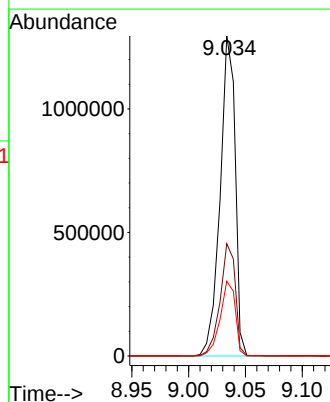
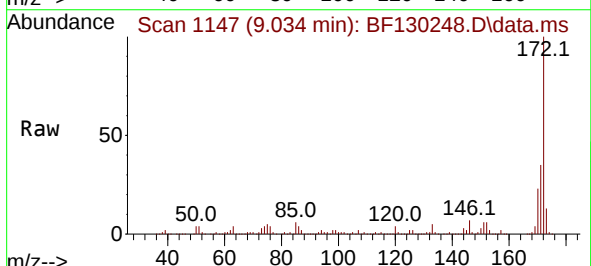
Tgt Ion:172 Resp: 1200549

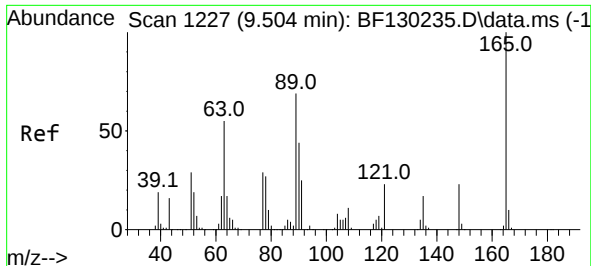
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.4 18.7 28.1

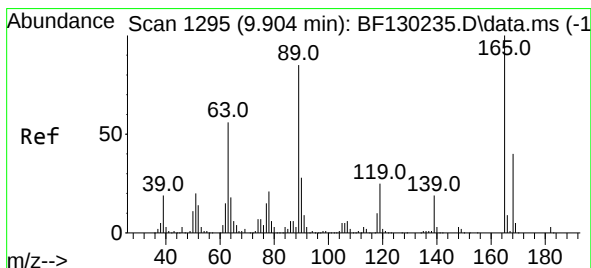
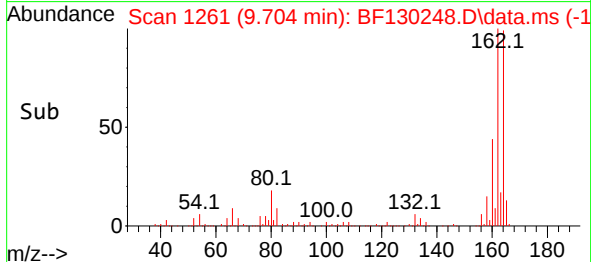
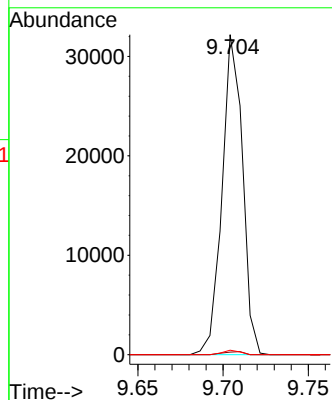
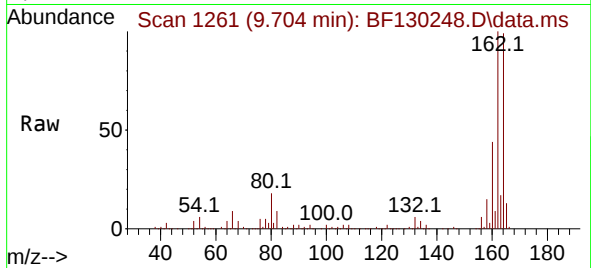




#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

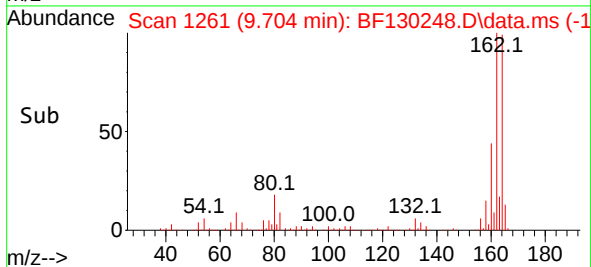
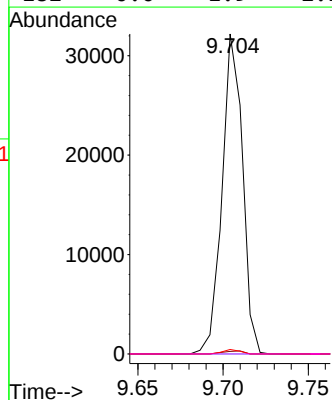
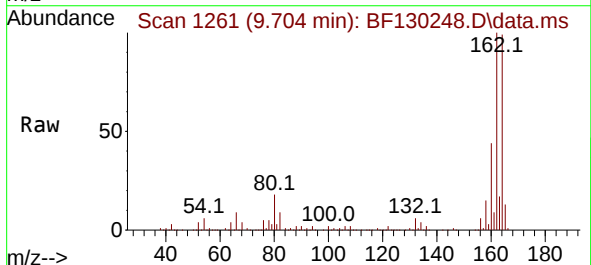
Instrument :
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CHERRY-HILL-COMP-3

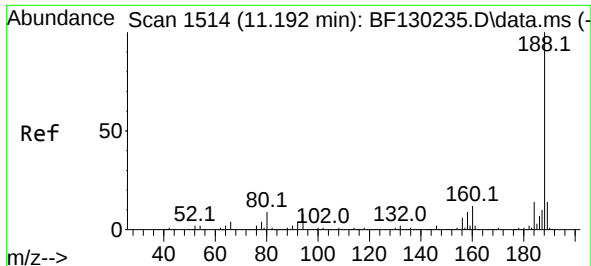
Tgt Ion:165 Resp: 26857
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.4 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:165 Resp: 26857
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#

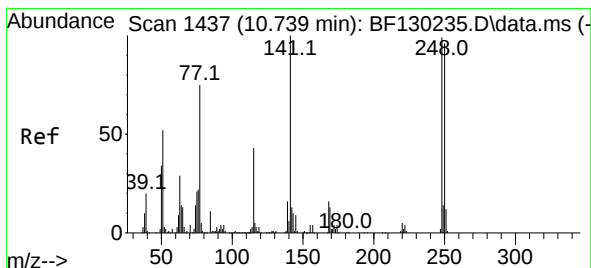
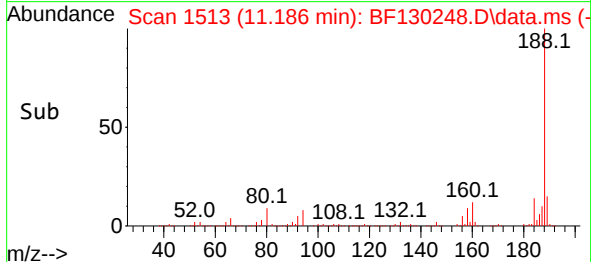
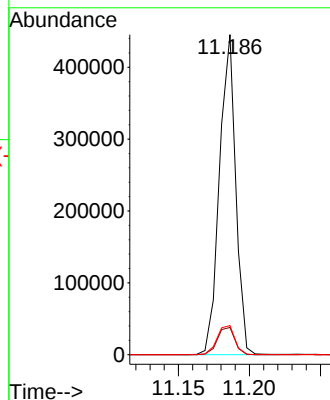
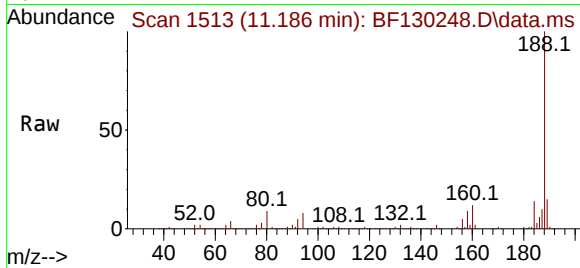




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

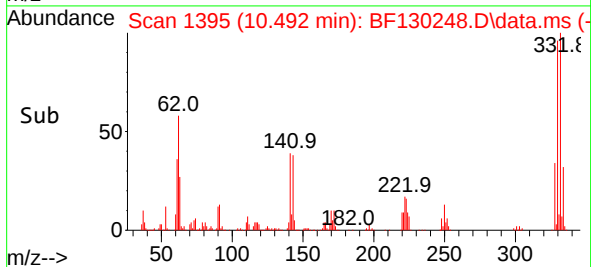
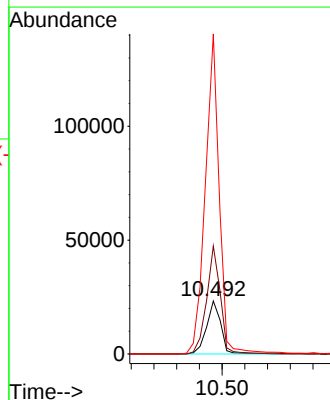
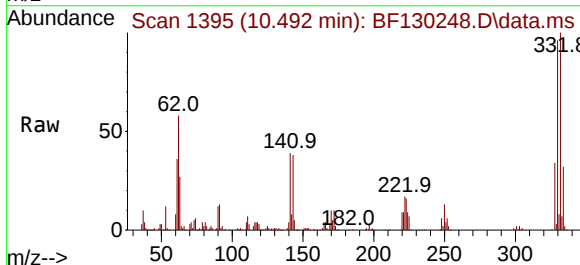
Instrument :
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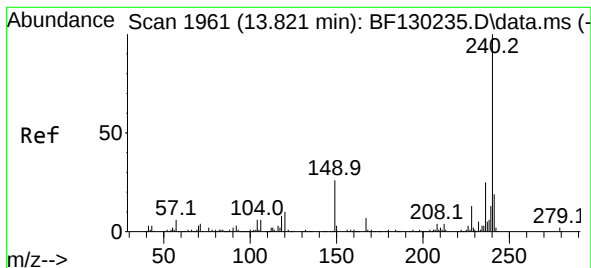
Tgt Ion:188 Resp: 354543
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.123 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:248 Resp: 20035
Ion Ratio Lower Upper
248 100
250 204.0 80.0 120.0#
141 604.1 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: BF130248.D

Acq: 14 Sep 2022 19:40

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-3

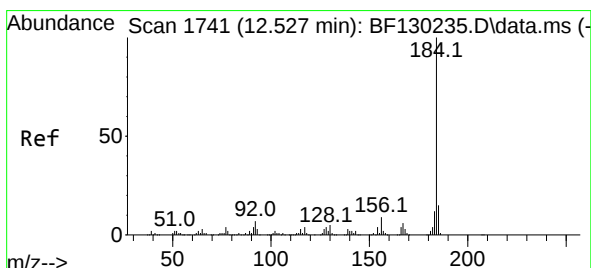
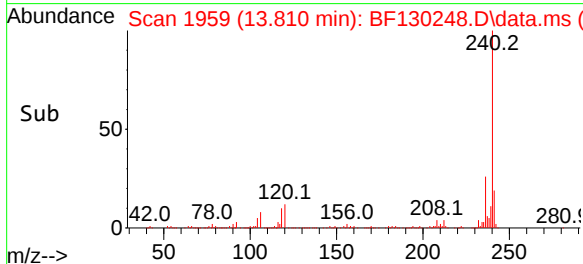
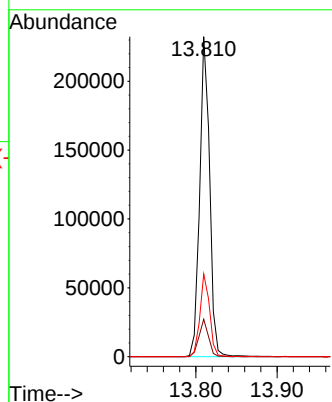
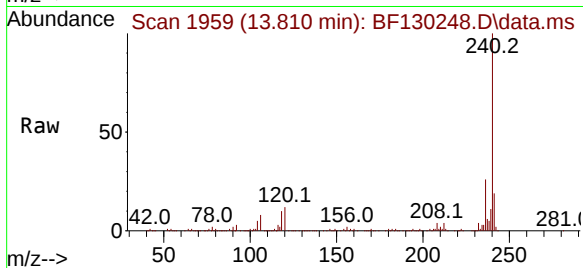
Tgt Ion:240 Resp: 197894

Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

236 25.8 20.9 31.3



#77

Benzidine

Concen: 3.453 ng

RT: 12.774 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130248.D

Acq: 14 Sep 2022 19:40

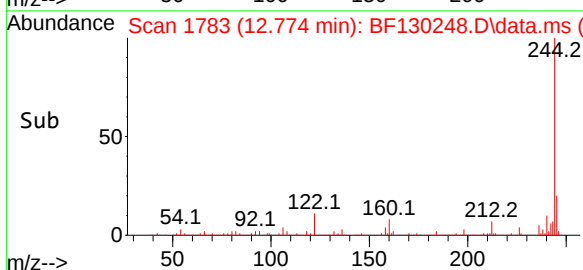
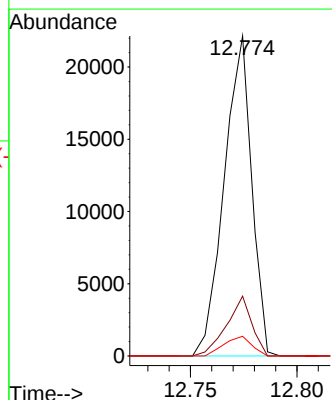
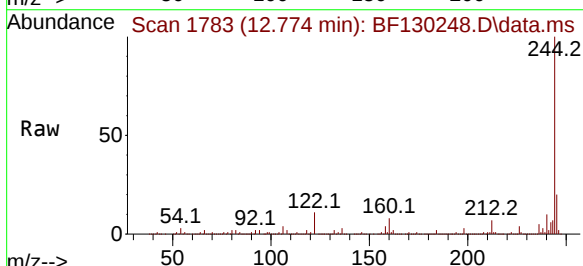
Tgt Ion:184 Resp: 19835

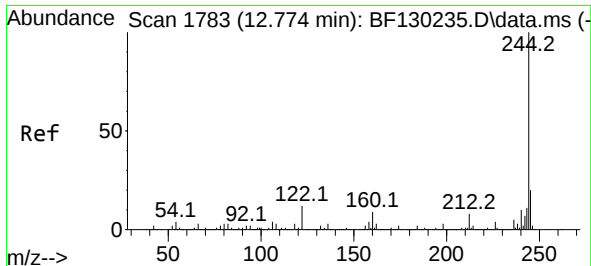
Ion Ratio Lower Upper

184 100

185 18.7 11.8 17.6#

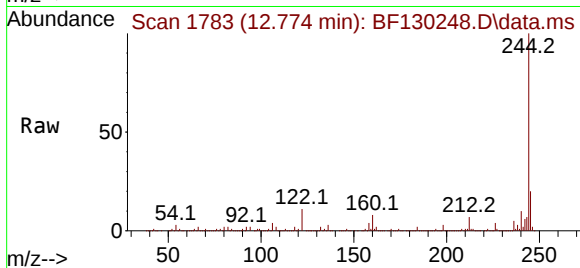
183 6.1 9.1 13.7#



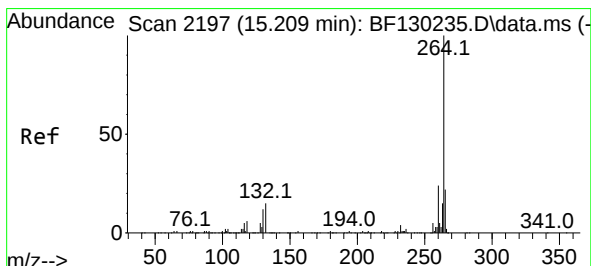
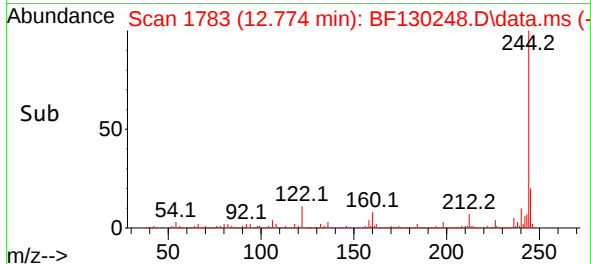
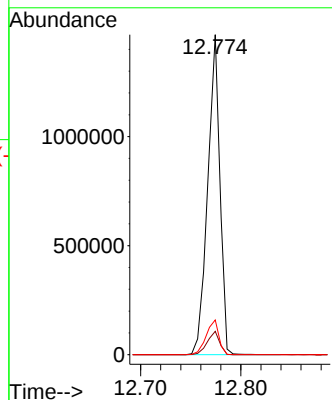


#79
 Terphenyl-d14
 Concen: 104.520 ng
 RT: 12.774 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130248.D
 Acq: 14 Sep 2022 19:40

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-3



Tgt Ion:244 Resp: 1248662
 Ion Ratio Lower Upper
 244 100
 212 7.3 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: BF130248.D
 Acq: 14 Sep 2022 19:40

Tgt Ion:264 Resp: 150833
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.1 17.0 25.4

