

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130249.D
 Acq On : 14 Sep 2022 20:12
 Operator : CG\JU
 Sample : N4578-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-4

Quant Time: Sep 15 01:26:49 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)

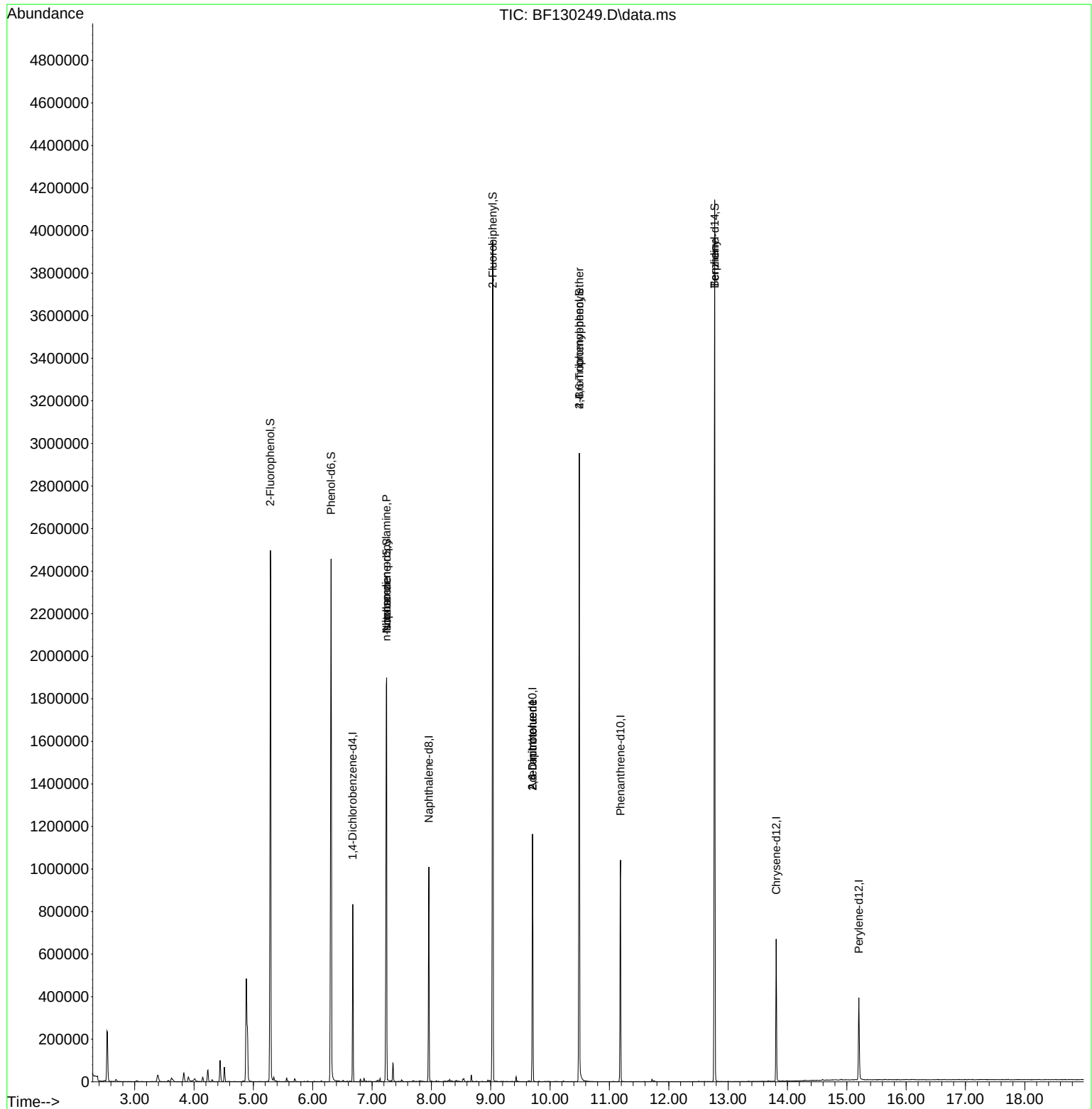
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	101537	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	403491	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	210950	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	357406	20.000	ng	0.00
76) Chrysene-d12	13.810	240	201427	20.000	ng	-0.01
86) Perylene-d12	15.204	264	149705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	746578	127.531	ng	0.01
7) Phenol-d6	6.310	99	844808	115.335	ng	0.00
23) Nitrobenzene-d5	7.245	82	672007	85.087	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	312013	154.362	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1180544	81.493	ng	0.00
79) Terphenyl-d14	12.775	244	1282024	105.431	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.240	70	91799	18.573	ng	# 77
25) Isophorone	7.245	82	671996	52.790	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	27721	9.096	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27721	7.118	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20147	5.110	ng	# 1
77) Benzidine	12.775	184	19984	3.418	ng	# 94

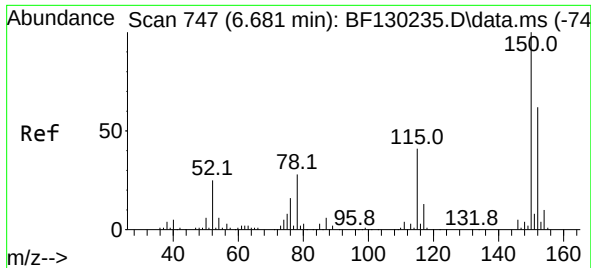
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
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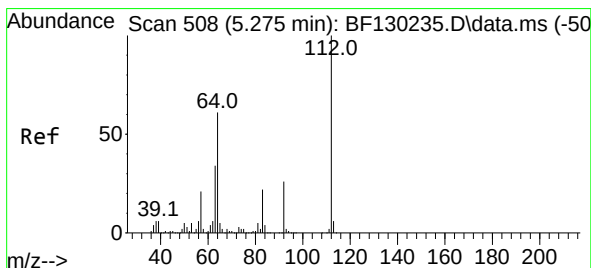
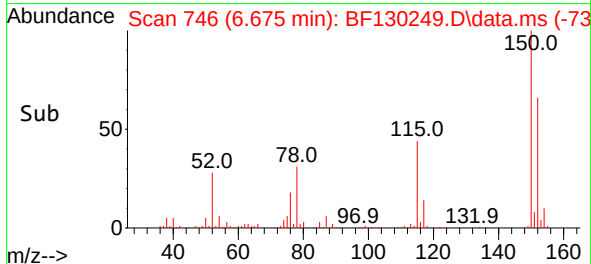
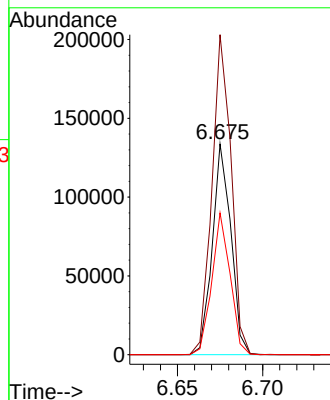
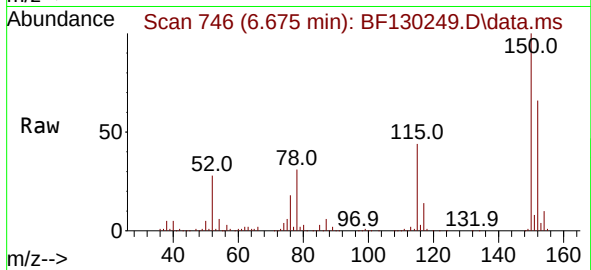




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

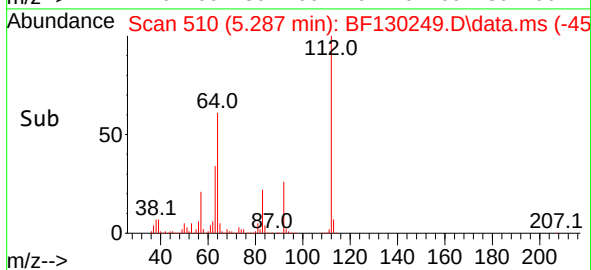
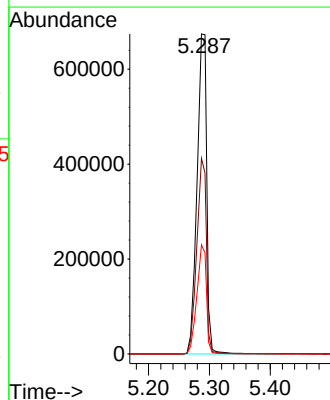
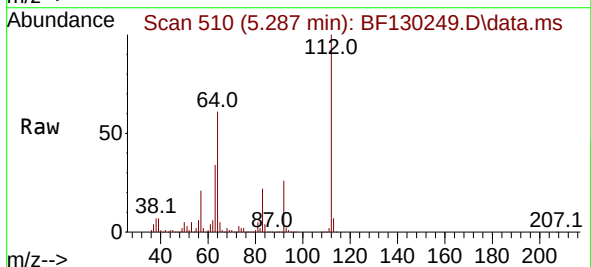
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

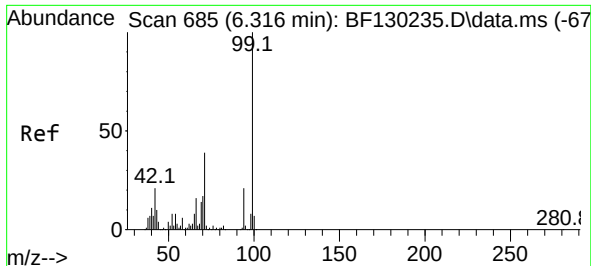
Tgt Ion:152 Resp: 101537
Ion Ratio Lower Upper
152 100
150 151.8 122.8 184.2
115 67.3 53.8 80.8



#5
2-Fluorophenol
Concen: 127.531 ng
RT: 5.287 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion:112 Resp: 746578
Ion Ratio Lower Upper
112 100
64 61.1 51.4 77.0
63 34.1 28.8 43.2

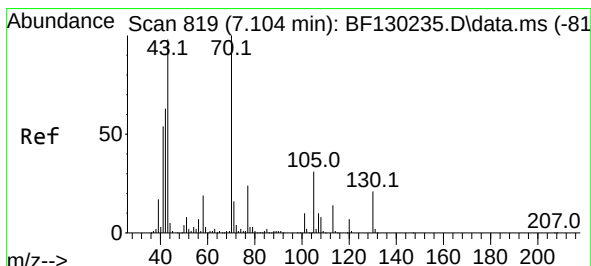
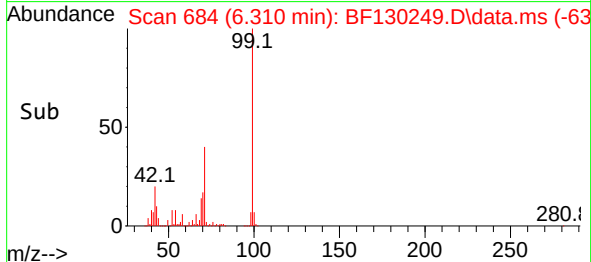
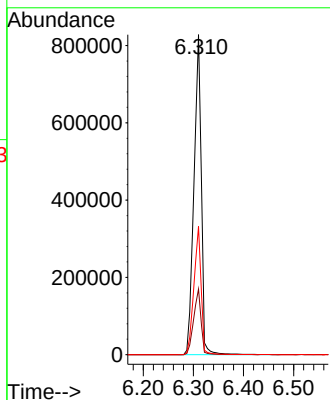
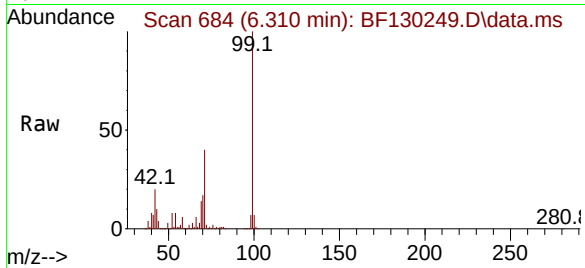




#7
Phenol-d6
Concen: 115.335 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

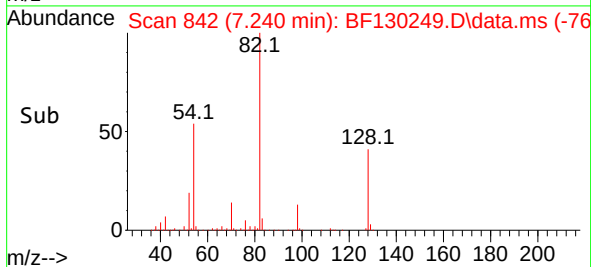
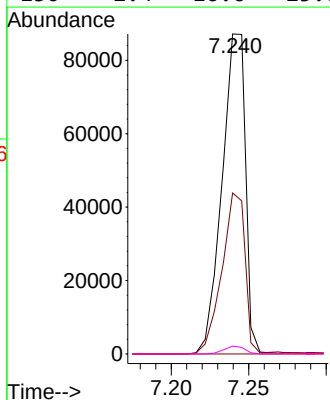
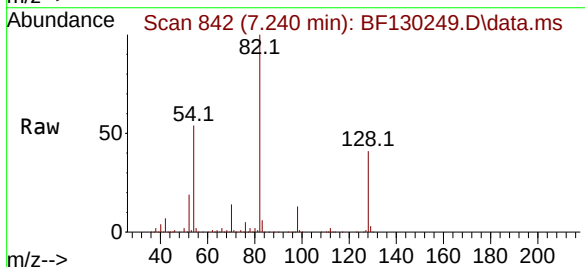
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

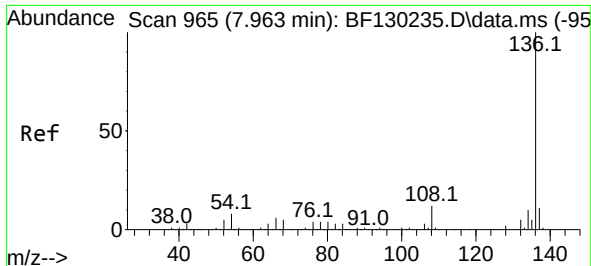
Tgt Ion: 99 Resp: 844808
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 40.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.573 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.135 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion: 70 Resp: 91799
Ion Ratio Lower Upper
70 100
42 50.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

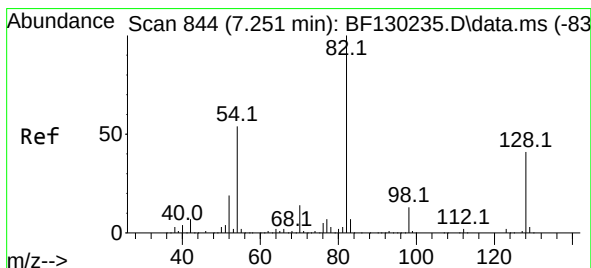
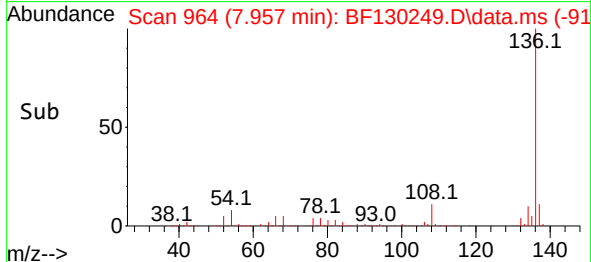
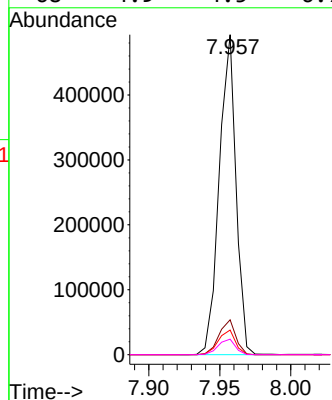
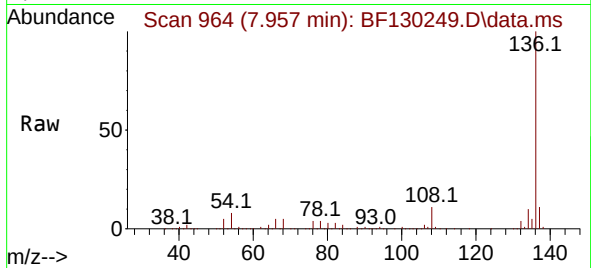




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

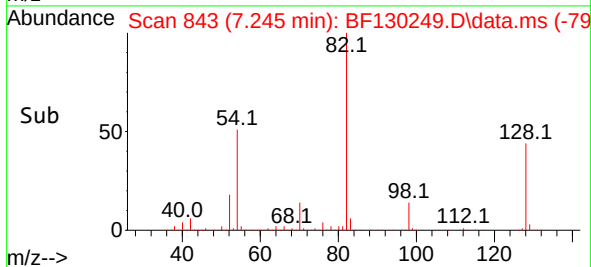
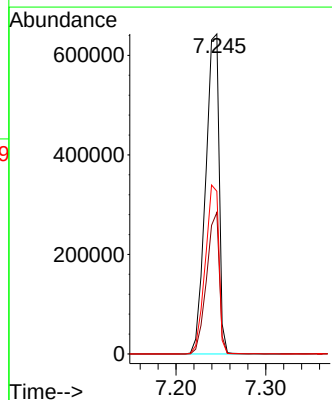
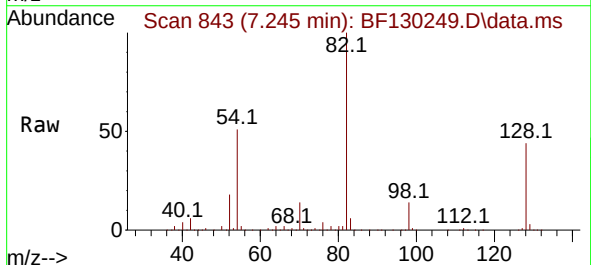
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

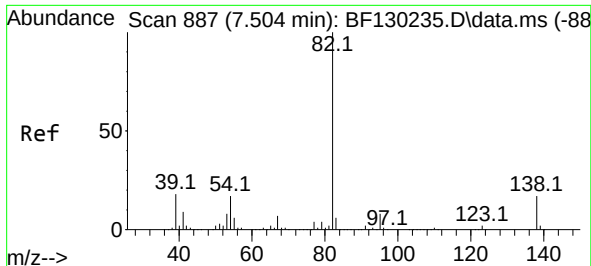
Tgt Ion:136 Resp: 403491
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.7 7.1 10.7
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.087 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion: 82 Resp: 672007
Ion Ratio Lower Upper
82 100
128 44.2 32.6 49.0
54 50.8 43.8 65.6

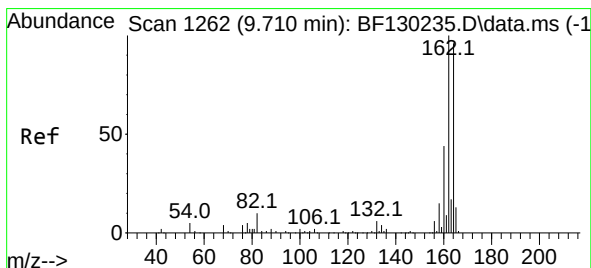
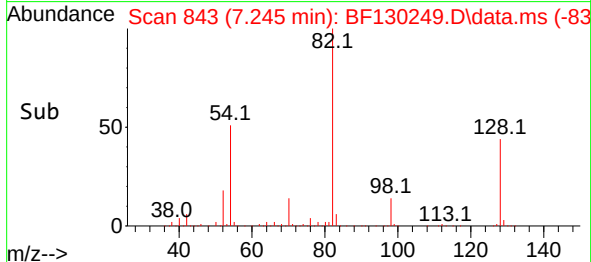
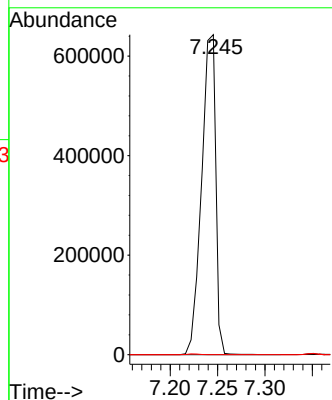
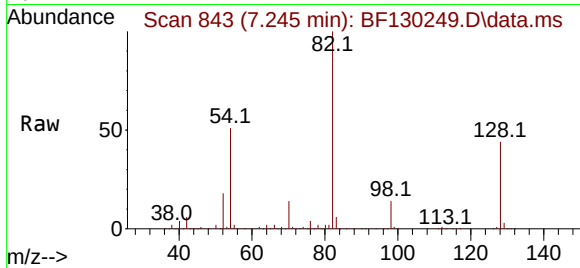




#25
Isophorone
Concen: 52.790 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

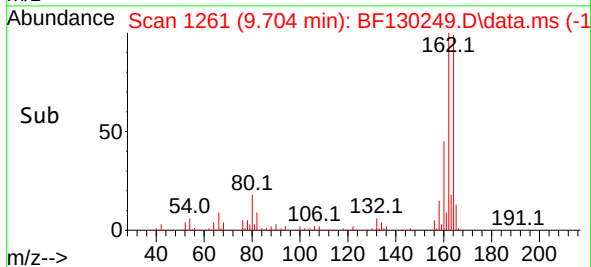
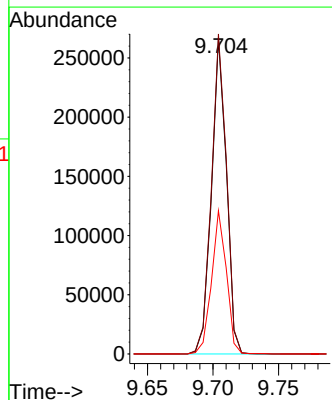
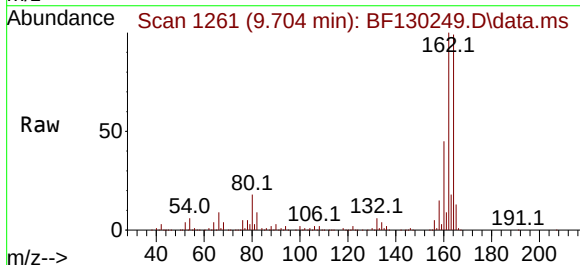
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BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

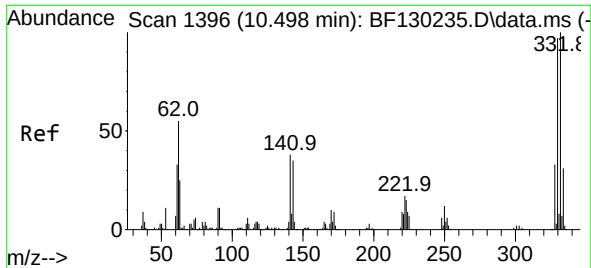
Tgt Ion: 82 Resp: 671996
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion:164 Resp: 210950
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.4 36.2 54.4

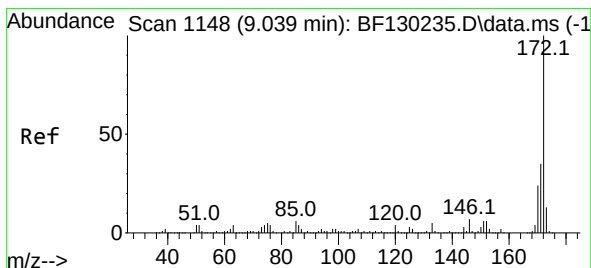
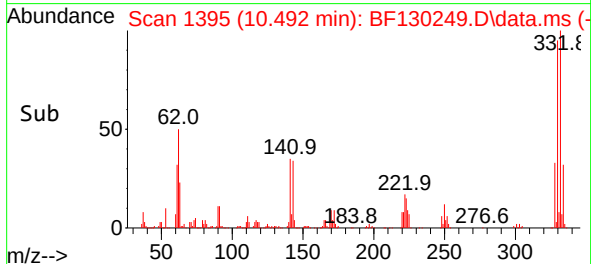
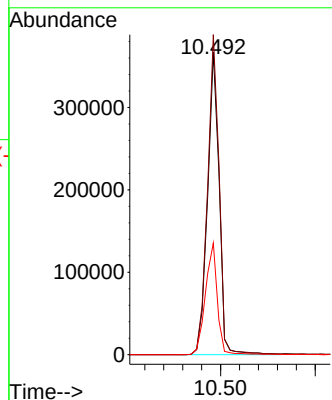
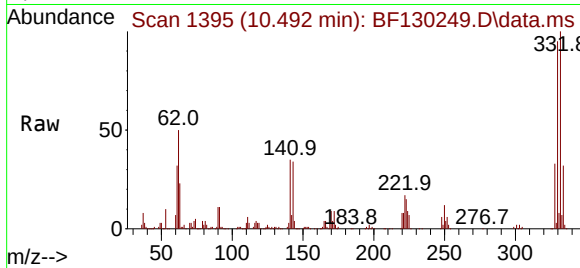




#42
2,4,6-Tribromophenol
Concen: 154.362 ng
RT: 10.492 min Scan# 11395
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

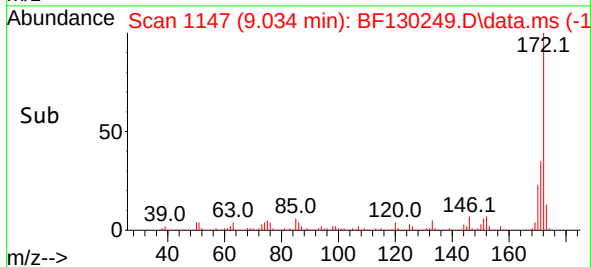
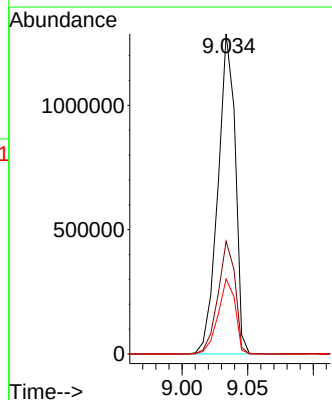
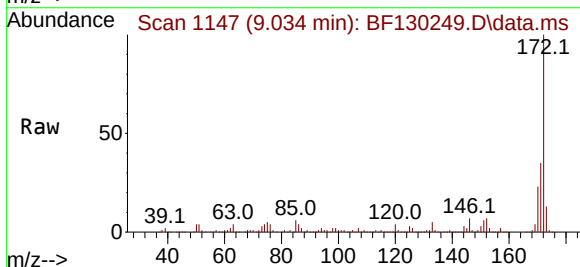
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

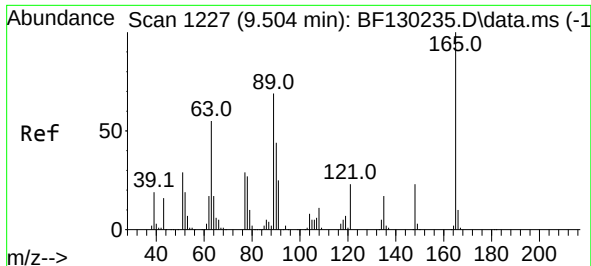
Tgt Ion:330 Resp: 312013
Ion Ratio Lower Upper
330 100
332 106.5 83.4 125.2
141 38.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 81.493 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion:172 Resp: 1180544
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.096 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130249.D

Acq: 14 Sep 2022 20:12

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-4

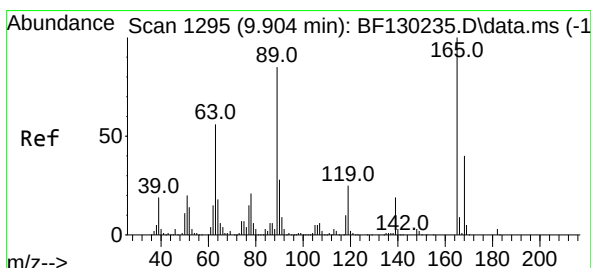
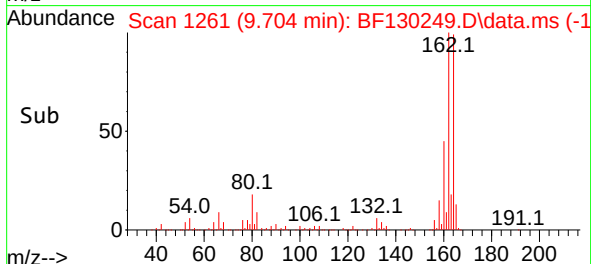
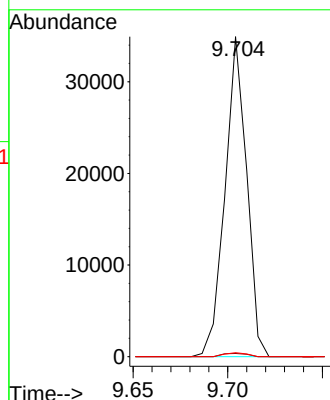
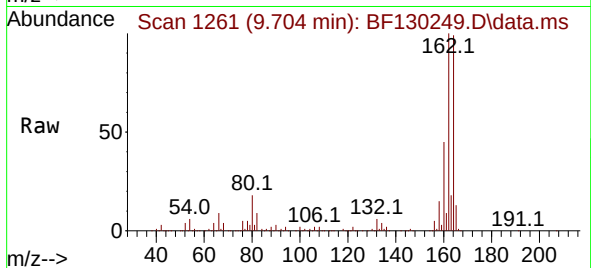
Tgt Ion:165 Resp: 27721

Ion Ratio Lower Upper

165 100

63 1.0 58.8 88.2#

89 1.3 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.118 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130249.D

Acq: 14 Sep 2022 20:12

Tgt Ion:165 Resp: 27721

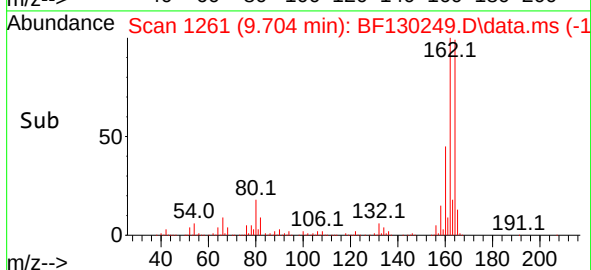
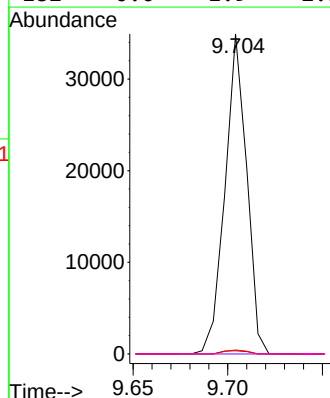
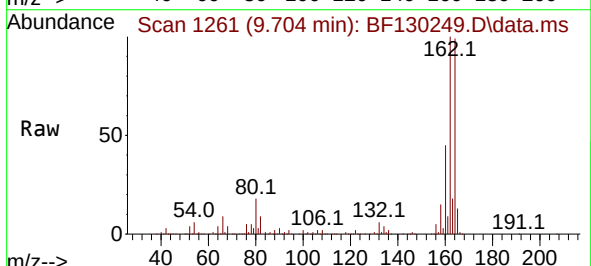
Ion Ratio Lower Upper

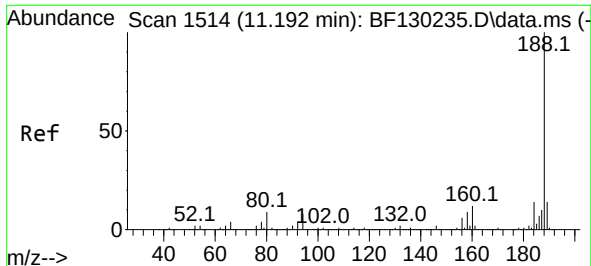
165 100

63 1.0 44.7 67.1#

89 1.3 69.0 103.4#

182 0.0 1.9 2.9#

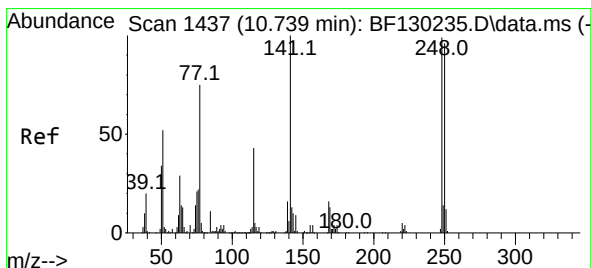
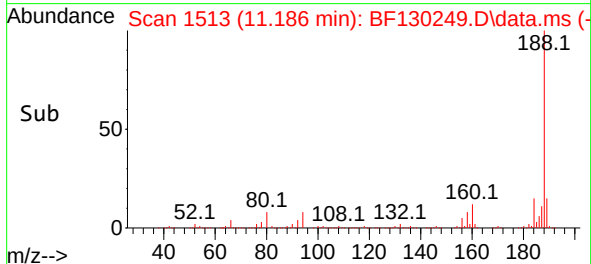
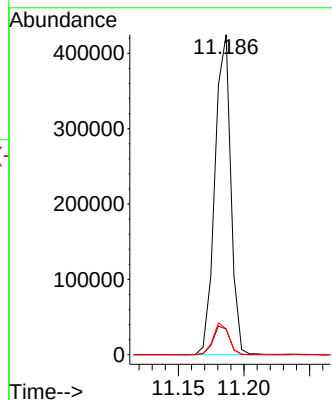
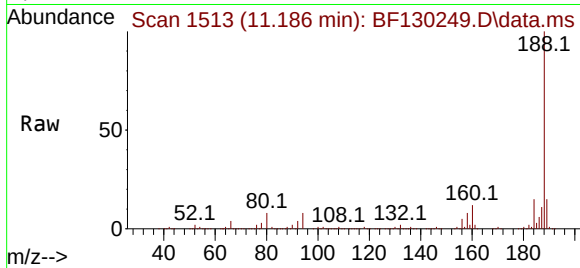




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

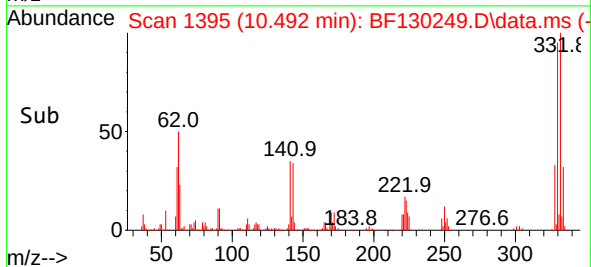
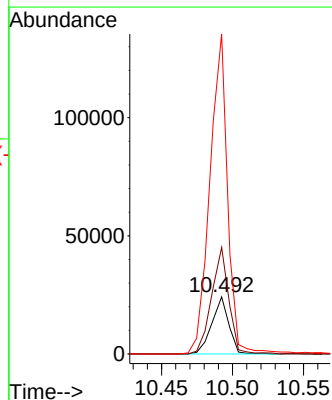
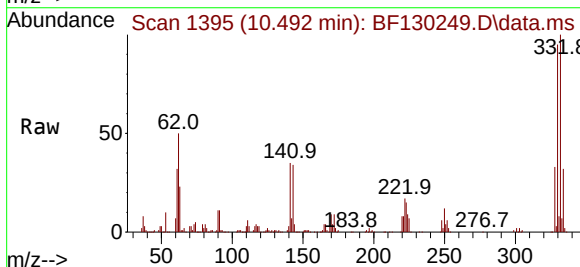
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-4

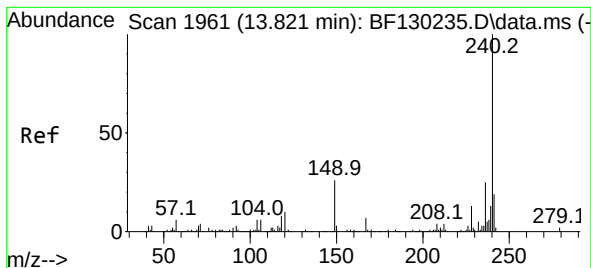
Tgt Ion:188 Resp: 357406
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.110 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130249.D
Acq: 14 Sep 2022 20:12

Tgt Ion:248 Resp: 20147
Ion Ratio Lower Upper
248 100
250 186.4 80.0 120.0#
141 560.0 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: BF130249.D

Acq: 14 Sep 2022 20:12

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-4

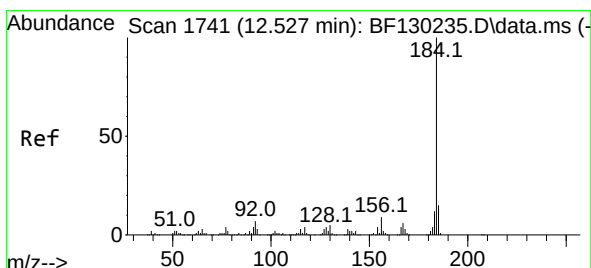
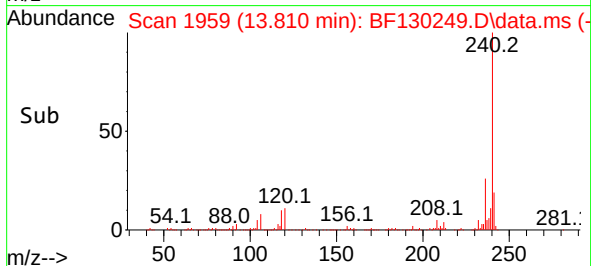
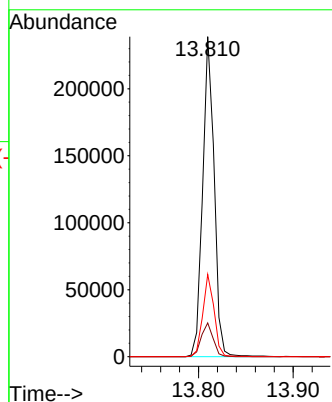
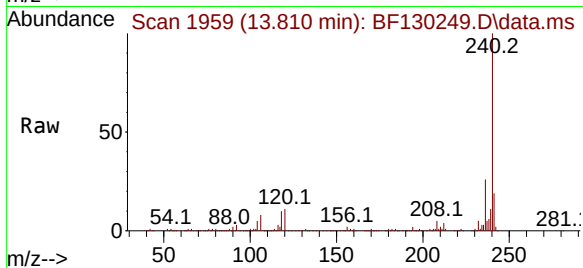
Tgt Ion:240 Resp: 201427

Ion Ratio Lower Upper

240 100

120 10.6 8.7 13.1

236 25.7 20.9 31.3



#77

Benzidine

Concen: 3.418 ng

RT: 12.775 min Scan# 1783

Delta R.T. 0.247 min

Lab File: BF130249.D

Acq: 14 Sep 2022 20:12

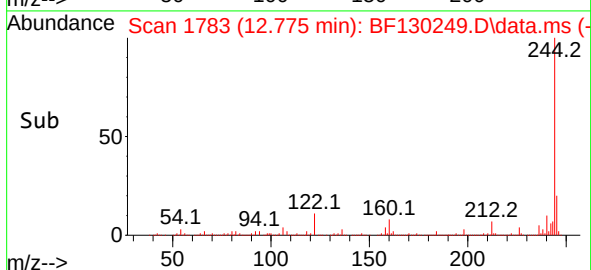
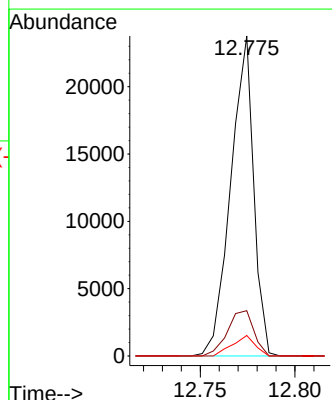
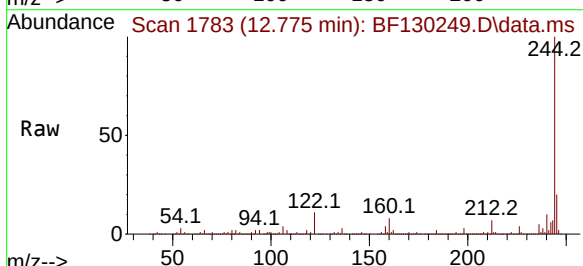
Tgt Ion:184 Resp: 19984

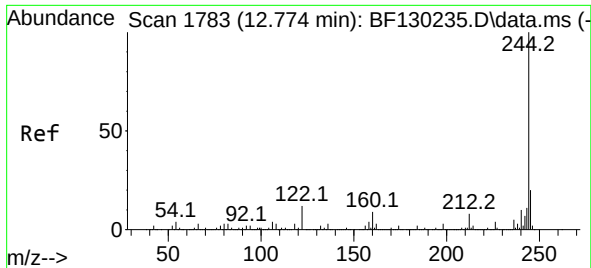
Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

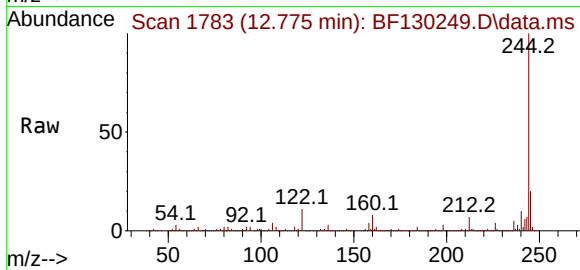
183 6.4 9.1 13.7#



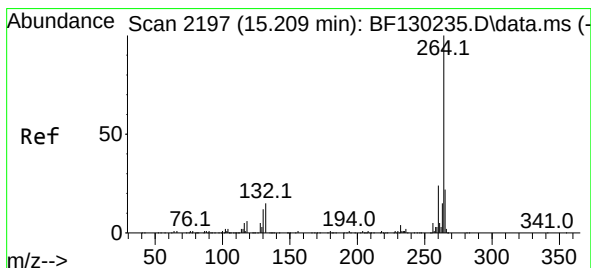
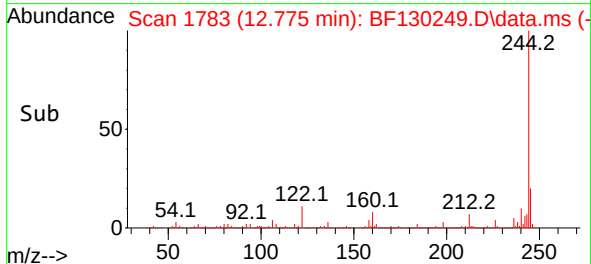
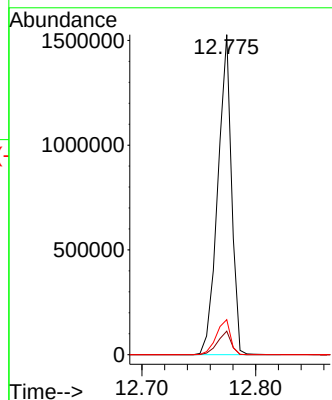


#79
 Terphenyl-d14
 Concen: 105.431 ng
 RT: 12.775 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF130249.D
 Acq: 14 Sep 2022 20:12

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-4



Tgt Ion:244 Resp: 1282024
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 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: BF130249.D
 Acq: 14 Sep 2022 20:12

Tgt Ion:264 Resp: 149705
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.3 28.9
 265 21.3 17.0 25.4

