

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130253.D
 Acq On : 14 Sep 2022 22:21
 Operator : CG\JU
 Sample : N4578-32
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-8

Quant Time: Sep 15 01:28:25 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)

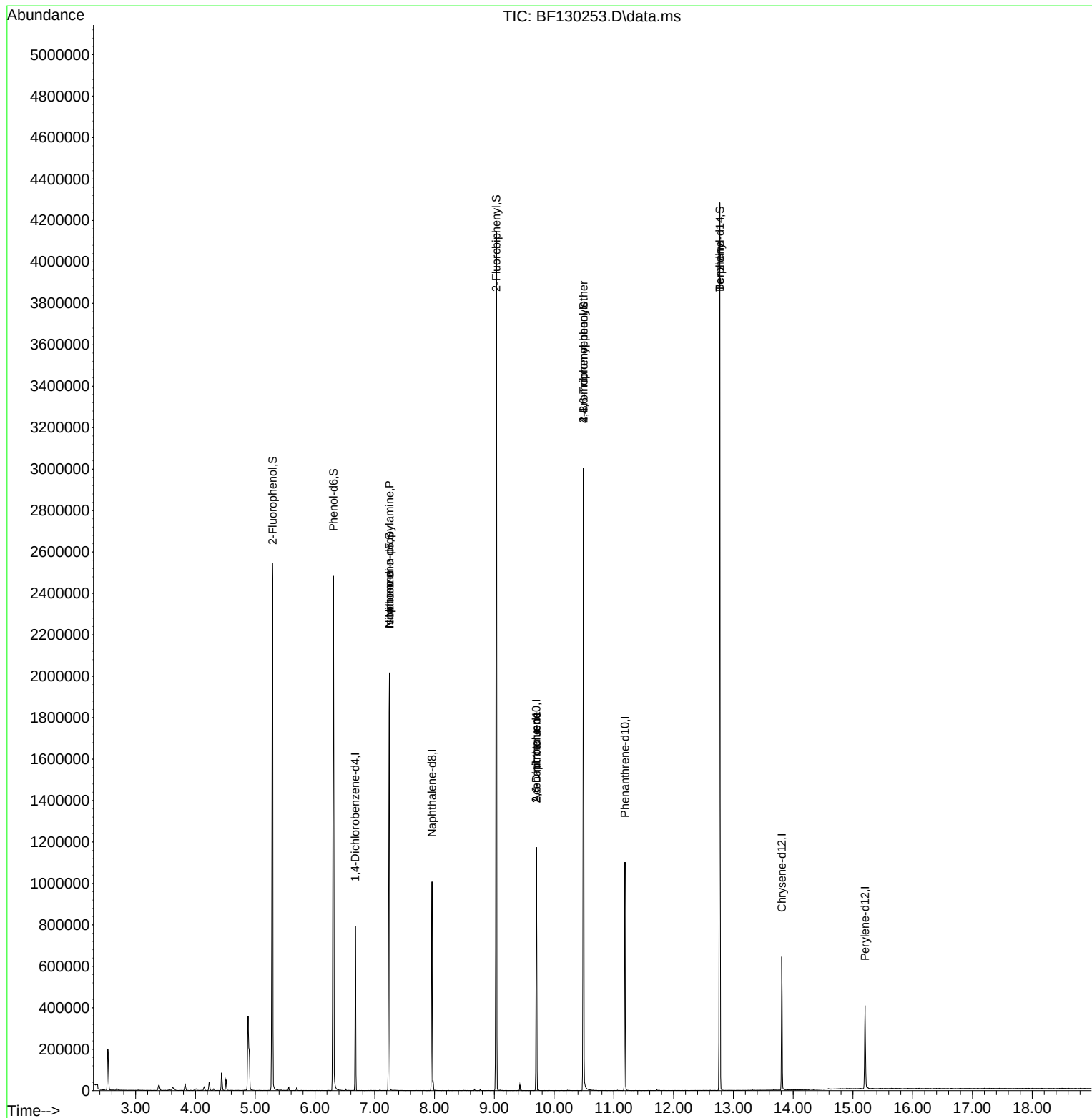
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	98156	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	393027	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	209658	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	357535	20.000	ng	0.00
76) Chrysene-d12	13.810	240	196483	20.000	ng	-0.01
86) Perylene-d12	15.204	264	154067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	762408	134.721	ng	0.02
7) Phenol-d6	6.310	99	872382	123.202	ng	0.00
23) Nitrobenzene-d5	7.245	82	688589	89.508	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	325099	161.827	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1253341	87.051	ng	0.00
79) Terphenyl-d14	12.774	244	1283531	108.211	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	96622	20.222	ng	Qvalue # 72
25) Isophorone	7.245	82	688577	55.533	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	27400	9.047	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27400	7.079	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20027	5.078	ng	# 1
77) Benzidine	12.774	184	20275	3.555	ng	# 91

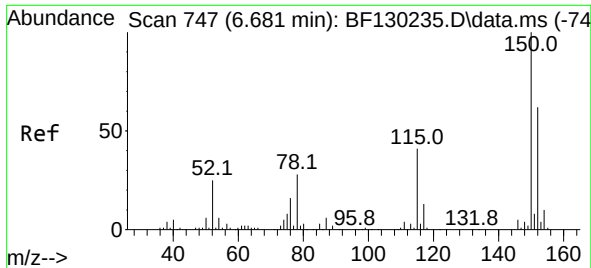
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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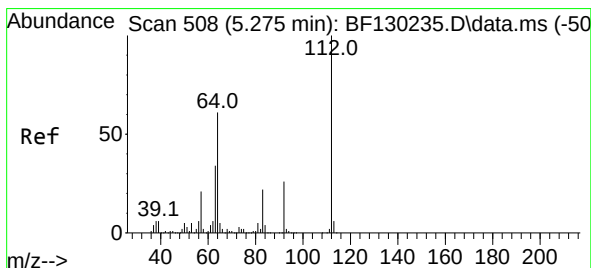
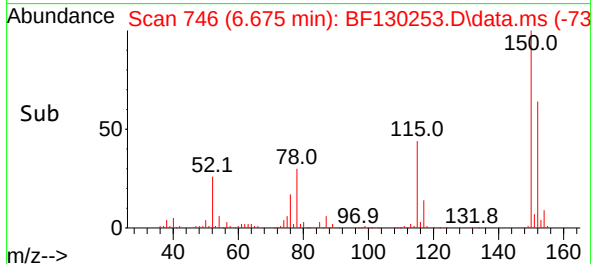
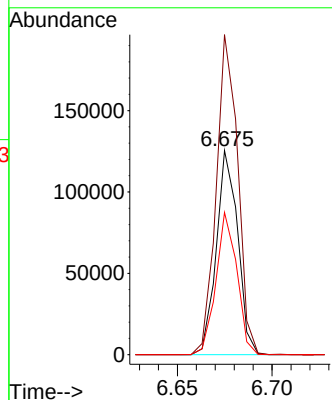
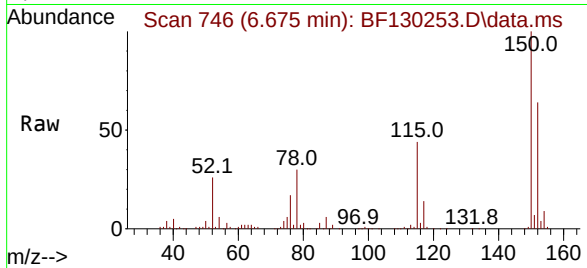




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

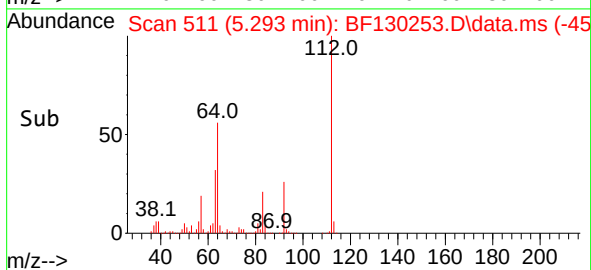
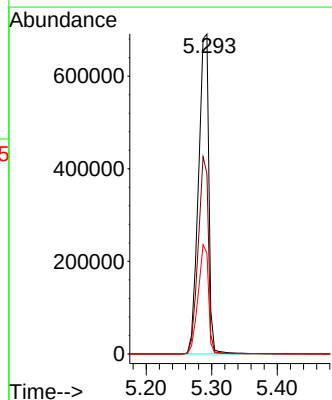
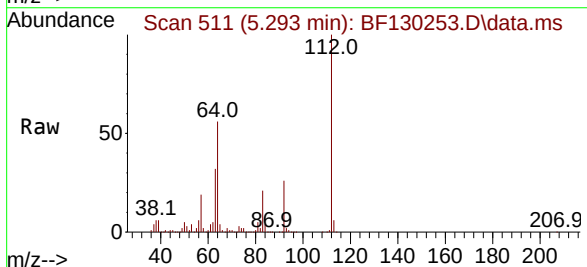
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

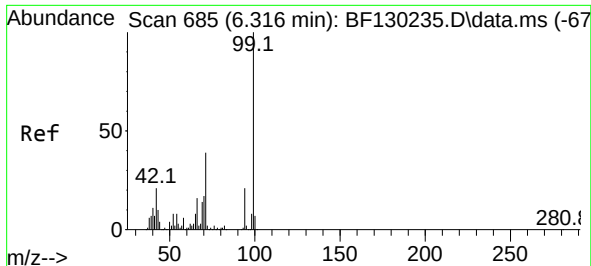
Tgt Ion:152 Resp: 98156
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 69.7 53.8 80.8



#5
2-Fluorophenol
Concen: 134.721 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion:112 Resp: 762408
Ion Ratio Lower Upper
112 100
64 56.3 51.4 77.0
63 31.6 28.8 43.2

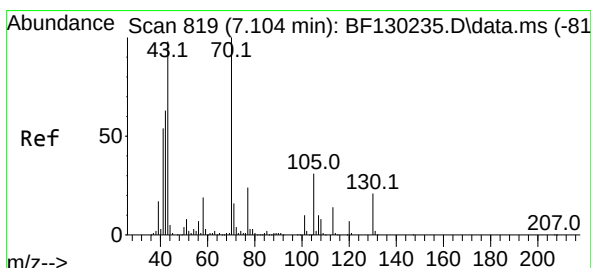
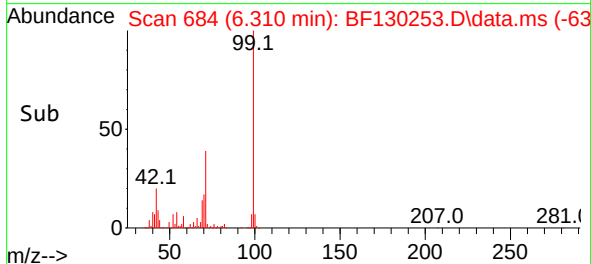
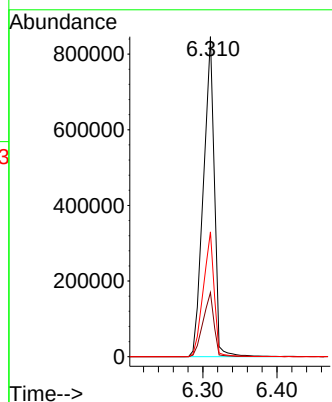
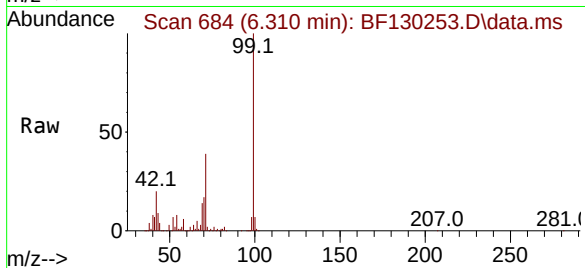




#7
Phenol-d6
Concen: 123.202 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

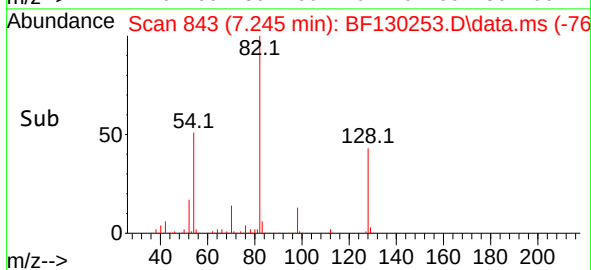
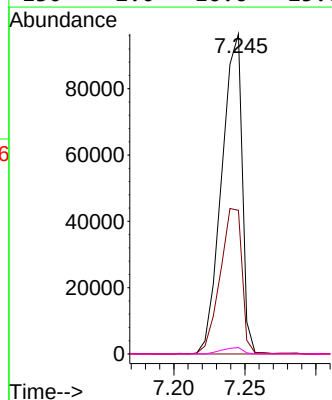
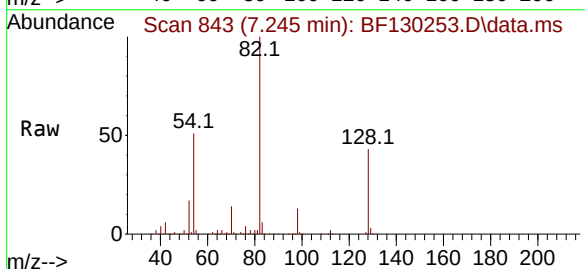
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

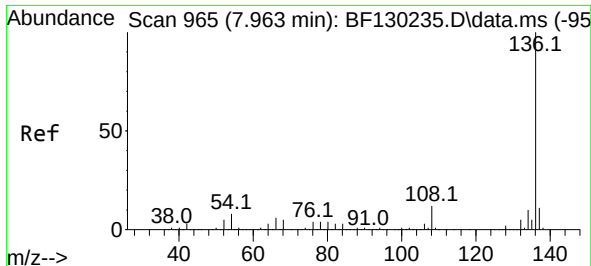
Tgt Ion: 99 Resp: 872382
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.222 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion: 70 Resp: 96622
Ion Ratio Lower Upper
70 100
42 44.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#



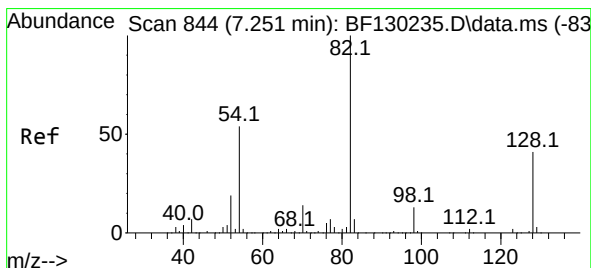
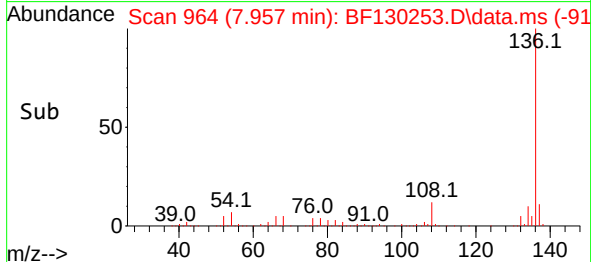
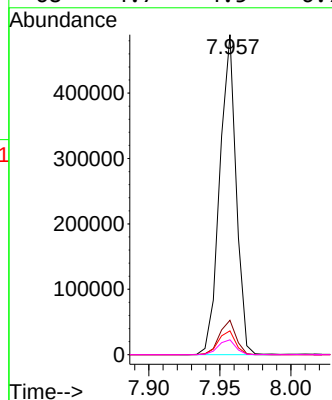
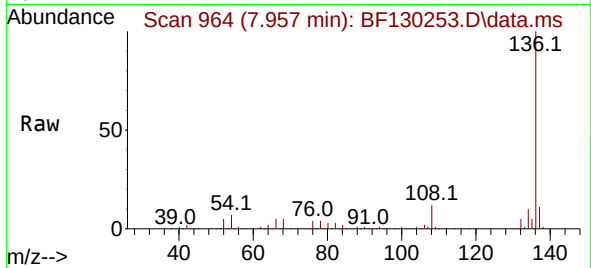


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

Tgt Ion:136 Resp: 393027

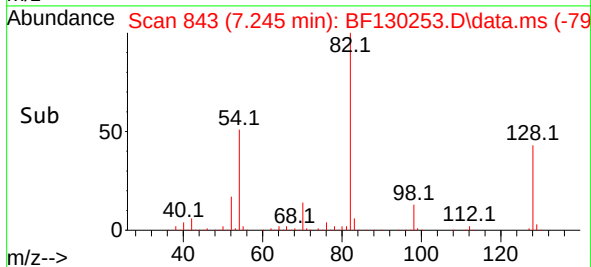
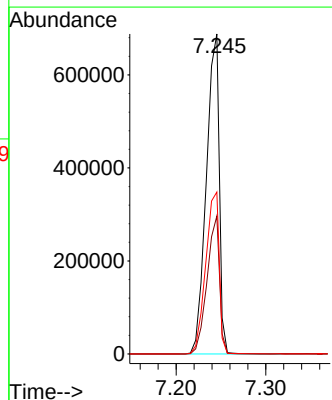
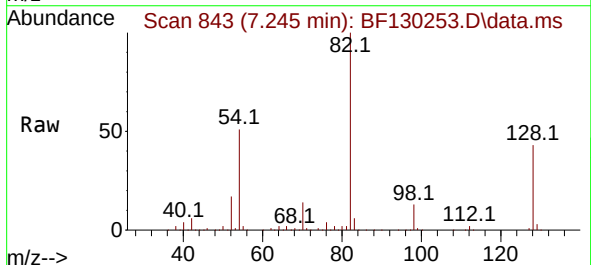
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.5	7.1	10.7
68	4.7	4.5	6.7

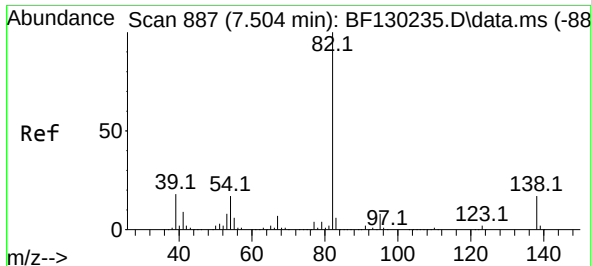


#23
Nitrobenzene-d5
Concen: 89.508 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion: 82 Resp: 688589

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.6	49.0
54	50.6	43.8	65.6

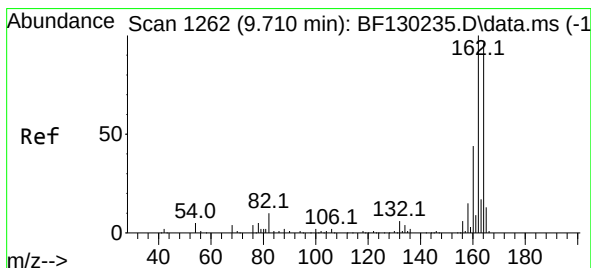
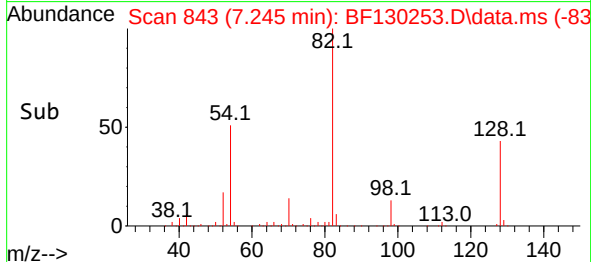
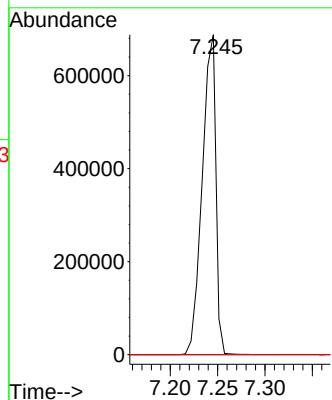
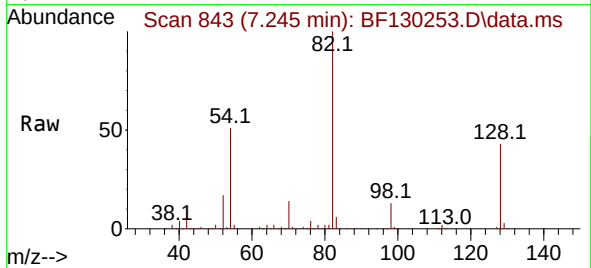




#25
Isophorone
Concen: 55.533 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

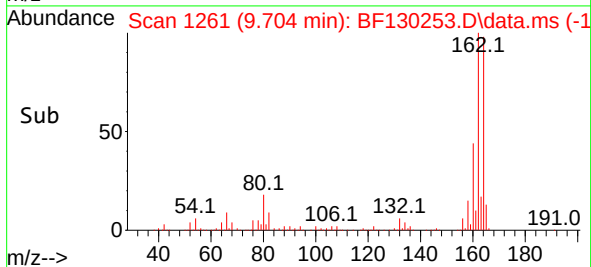
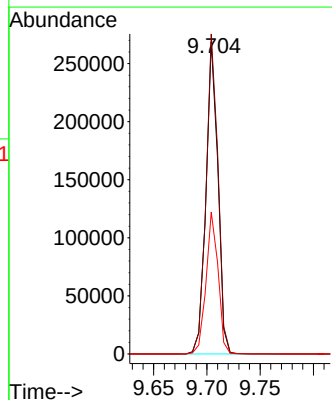
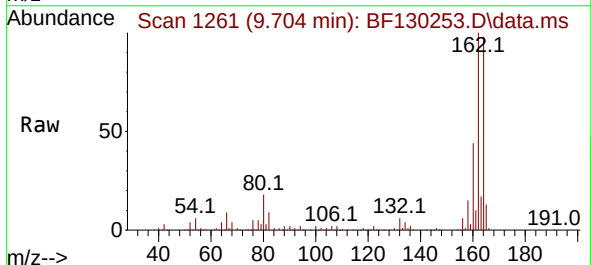
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

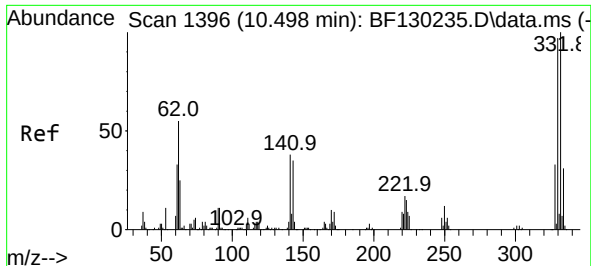
Tgt Ion: 82 Resp: 688577
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion: 164 Resp: 209658
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 161.827 ng

RT: 10.492 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130253.D

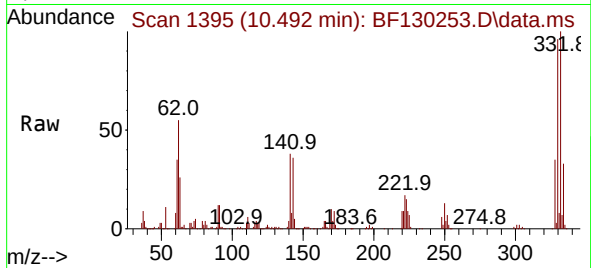
Acq: 14 Sep 2022 22:21

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-8



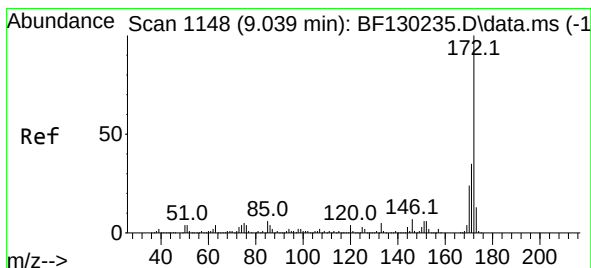
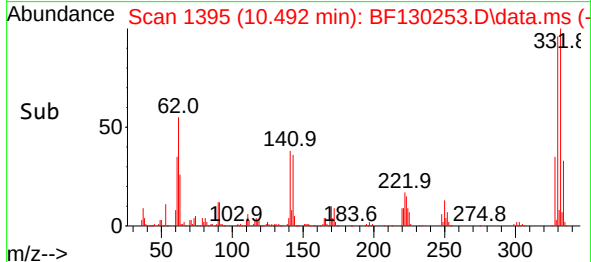
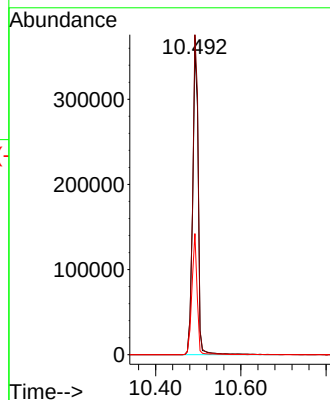
Tgt Ion:330 Resp: 325099

Ion Ratio Lower Upper

330 100

332 103.6 83.4 125.2

141 37.4 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 87.051 ng

RT: 9.034 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130253.D

Acq: 14 Sep 2022 22:21

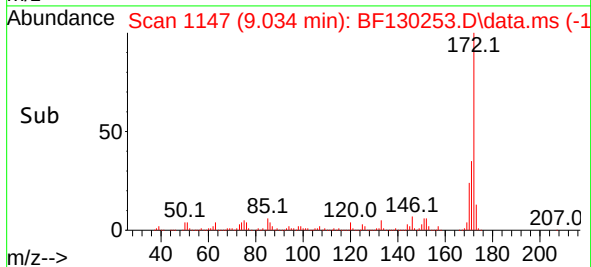
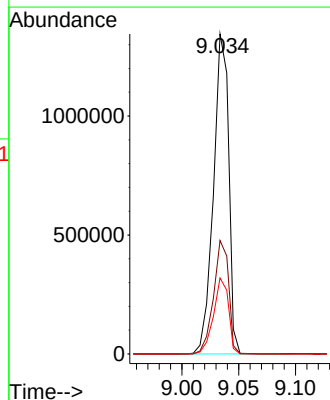
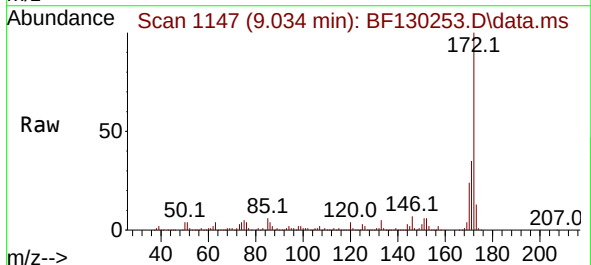
Tgt Ion:172 Resp: 1253341

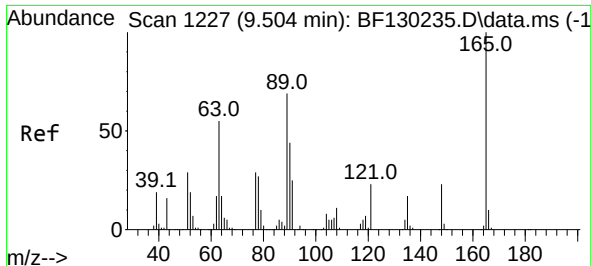
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.8 18.7 28.1

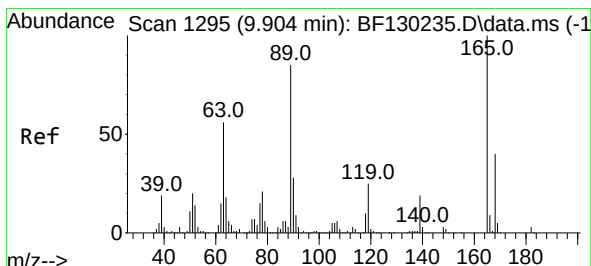
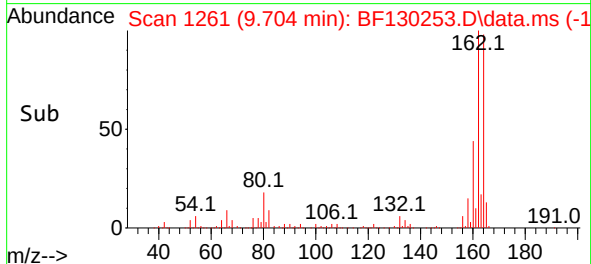
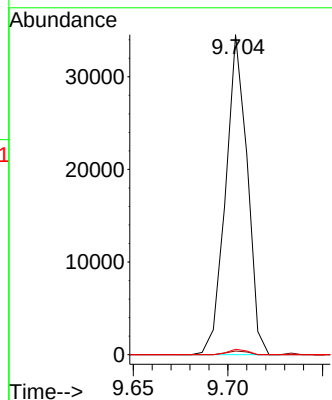
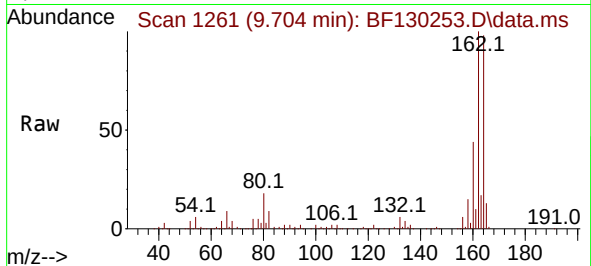




#51
2,6-Dinitrotoluene
Concen: 9.047 ng
RT: 9.704 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

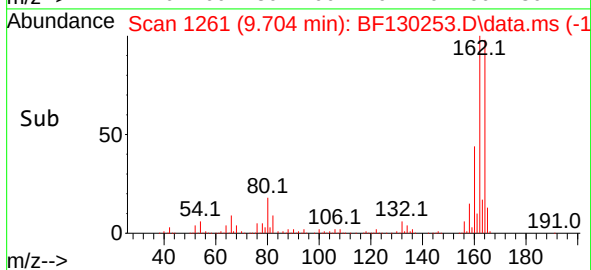
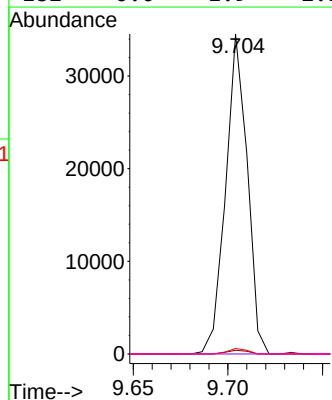
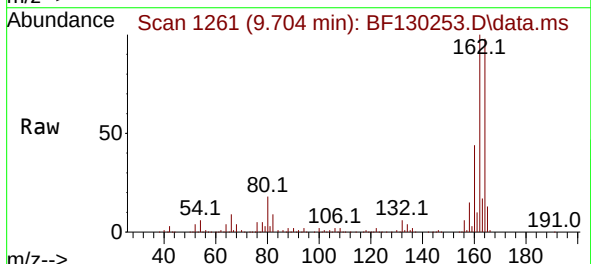
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CHERRY-HILL-COMP-8

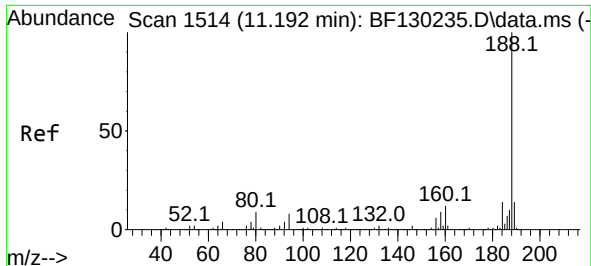
Tgt Ion:165 Resp: 27400
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.7 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.079 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion:165 Resp: 27400
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#

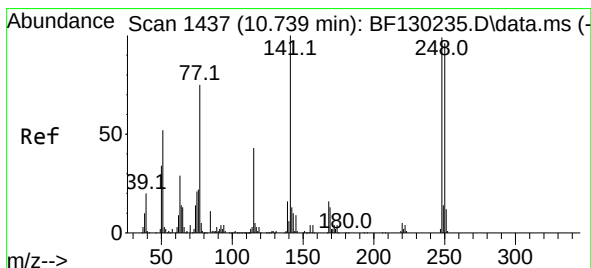
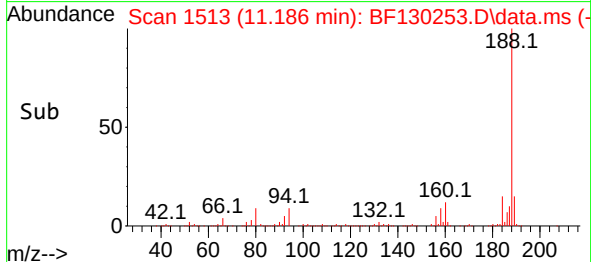
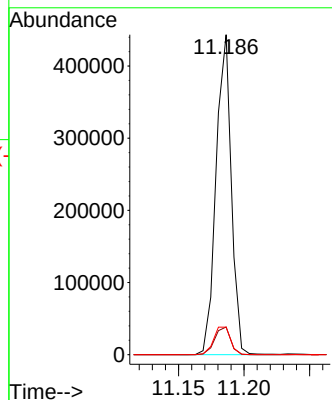
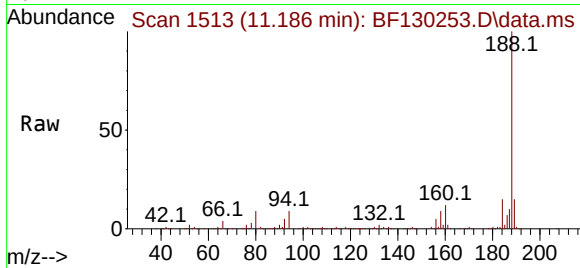




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

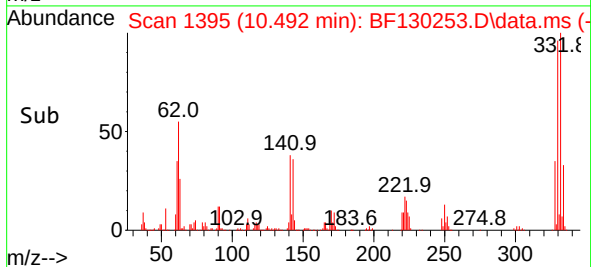
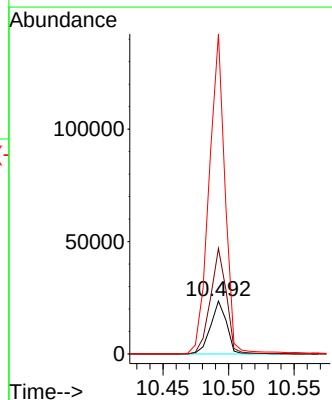
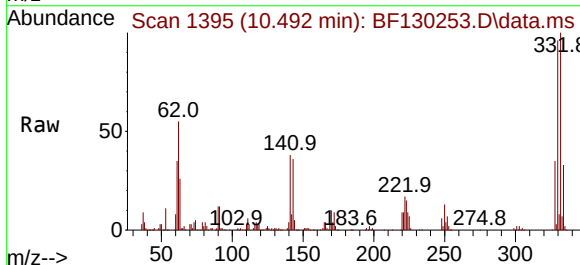
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

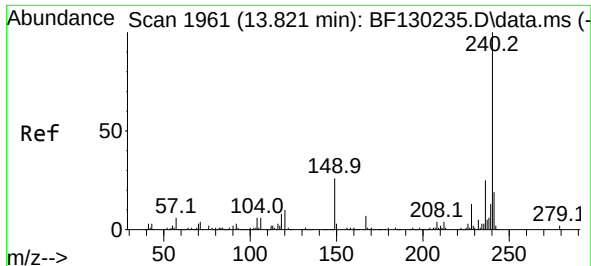
Tgt Ion:188 Resp: 357535
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.078 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

Tgt Ion:248 Resp: 20027
Ion Ratio Lower Upper
248 100
250 199.3 80.0 120.0#
141 603.7 68.5 102.7#

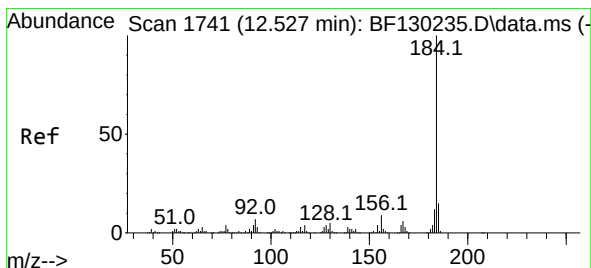
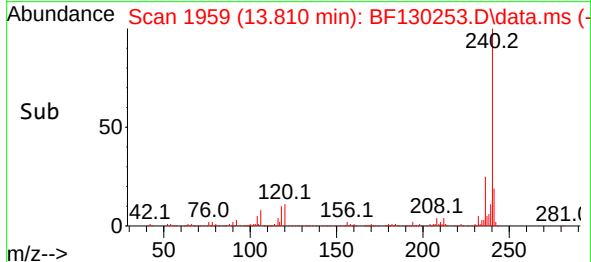
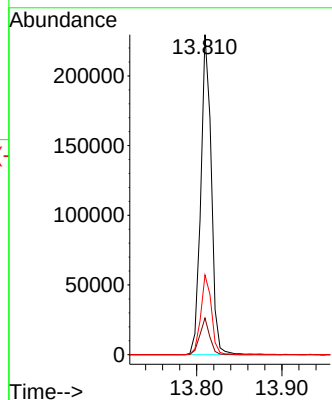
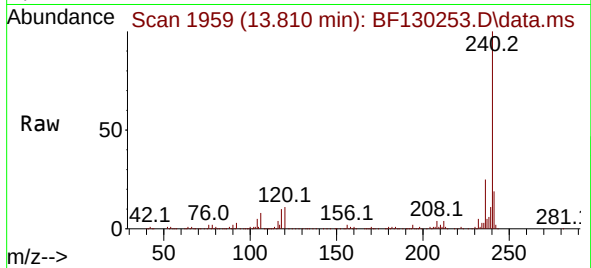




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

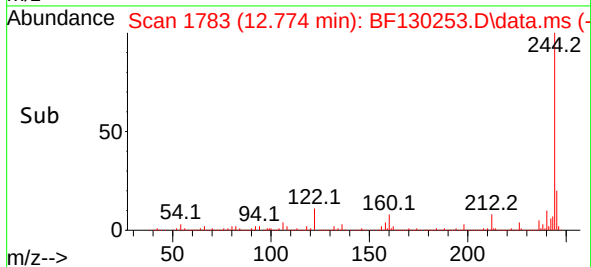
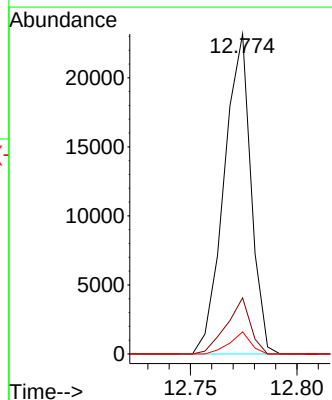
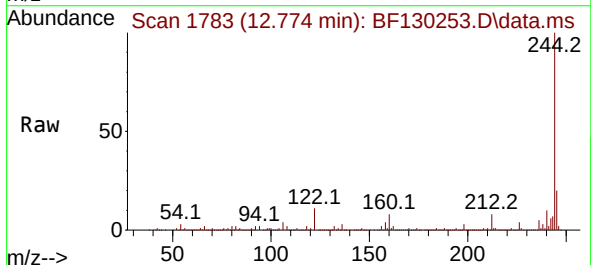
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-8

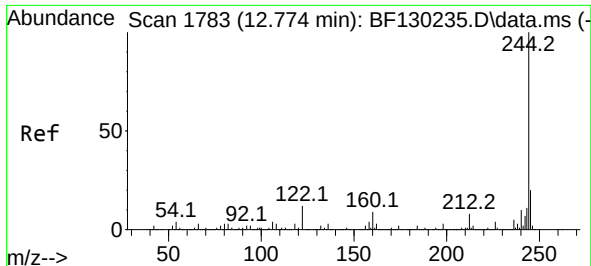
Tgt Ion:240 Resp: 196483
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 24.9 20.9 31.3



#77
Benzidine
Concen: 3.555 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130253.D
Acq: 14 Sep 2022 22:21

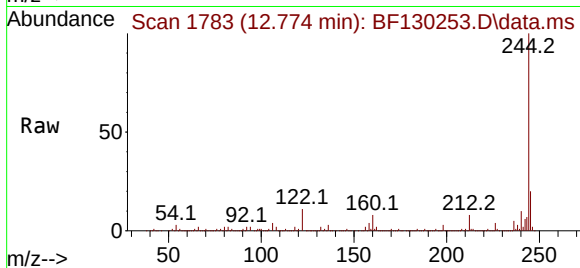
Tgt Ion:184 Resp: 20275
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 6.9 9.1 13.7#





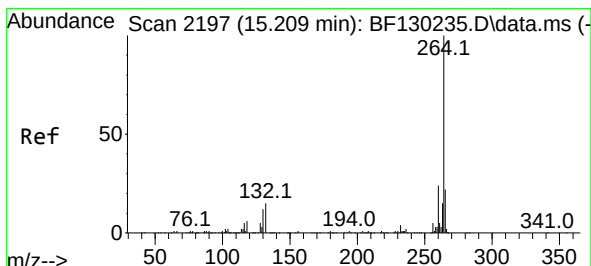
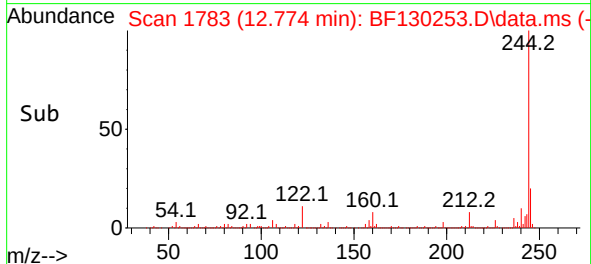
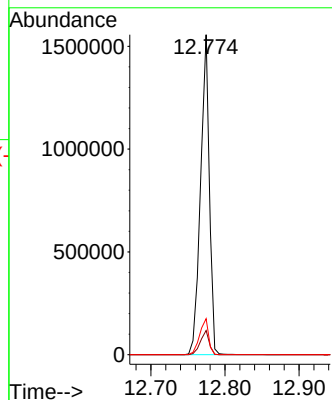
#79
 Terphenyl-d14
 Concen: 108.211 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130253.D
 Acq: 14 Sep 2022 22:21

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-8



Tgt Ion:244 Resp: 1283531

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	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: BF130253.D
 Acq: 14 Sep 2022 22:21

Tgt Ion:264 Resp: 154067

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.1	17.0	25.4

