

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130254.D
 Acq On : 14 Sep 2022 22:53
 Operator : CG\JU
 Sample : N4578-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-9

Quant Time: Sep 15 01:28:48 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)

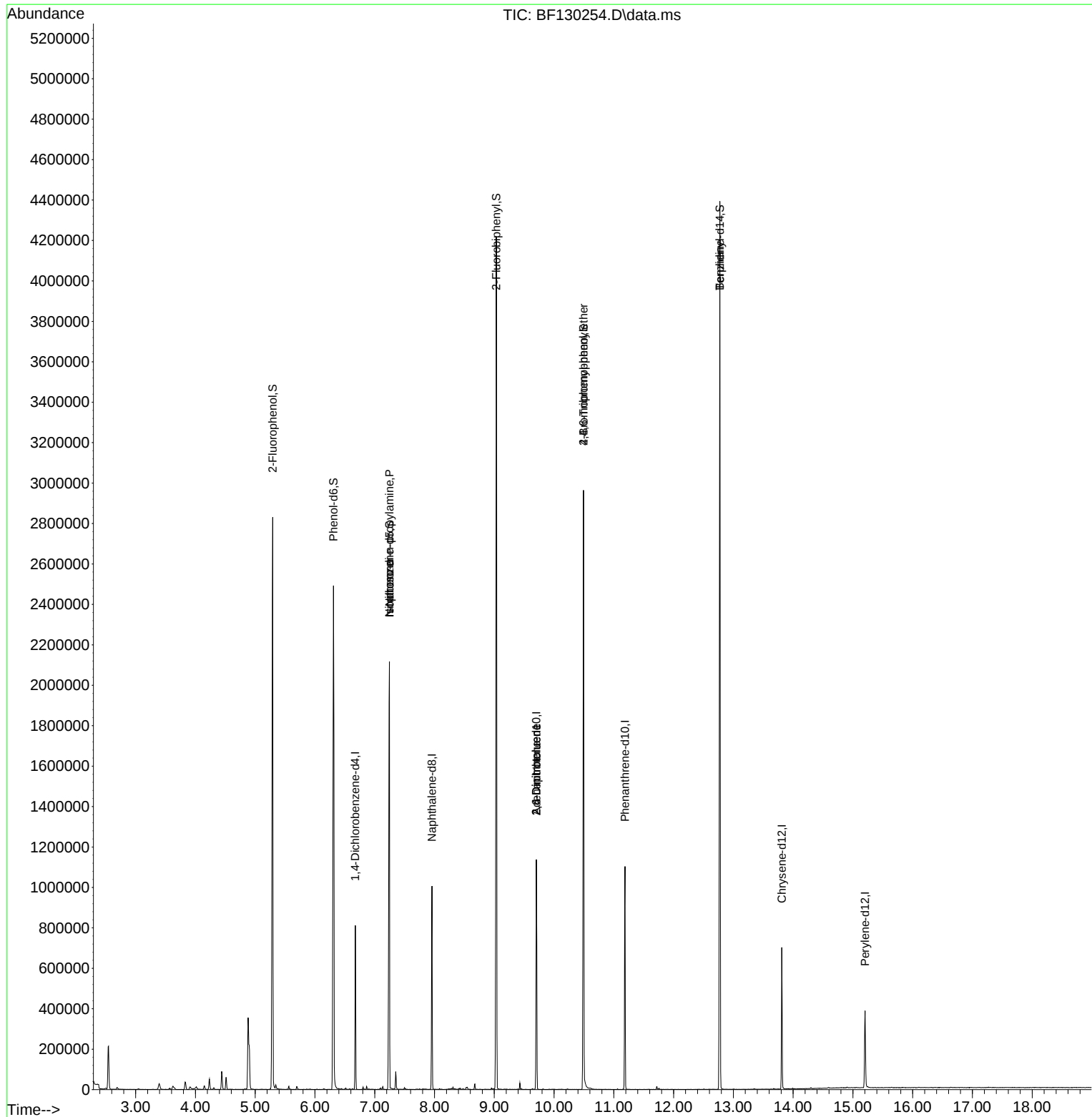
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99908	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	394049	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	212839	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	358473	20.000	ng	0.00
76) Chrysene-d12	13.810	240	202116	20.000	ng	-0.01
86) Perylene-d12	15.204	264	155616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	795538	138.110	ng	0.02
7) Phenol-d6	6.310	99	919667	127.602	ng	0.00
23) Nitrobenzene-d5	7.245	82	719485	93.281	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	341712	167.555	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1314538	89.937	ng	0.00
79) Terphenyl-d14	12.775	244	1380965	113.180	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.245	70	99836	20.528	ng	# 73
25) Isophorone	7.245	82	719479	57.875	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	27012	8.785	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	27012	6.874	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	20006	5.059	ng	# 1
77) Benzidine	12.775	184	22183	3.781	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130254.D
Acq On : 14 Sep 2022 22:53
Operator : CG\JU
Sample : N4578-37
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

Quant Time: Sep 15 01:28:48 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

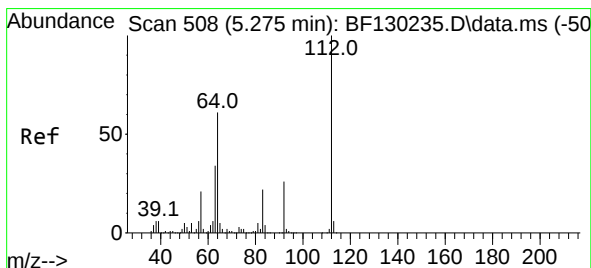
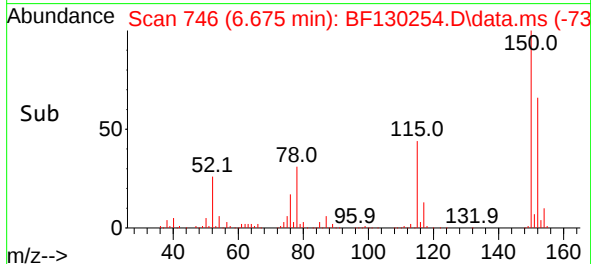
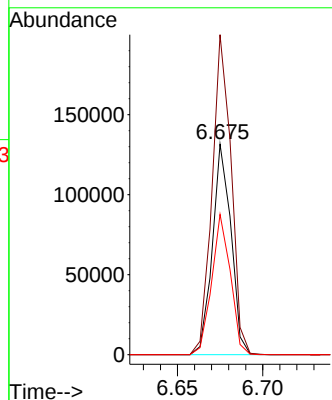
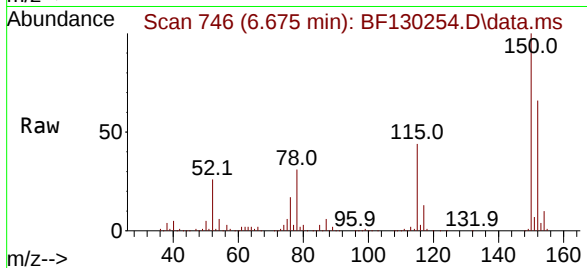




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

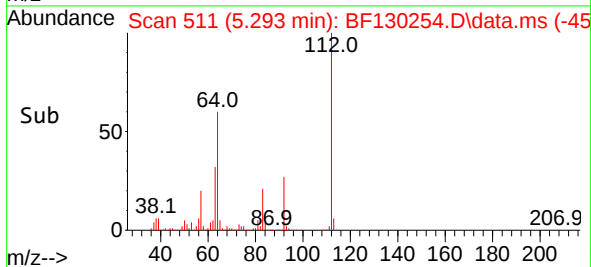
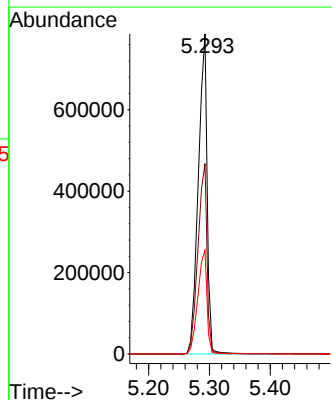
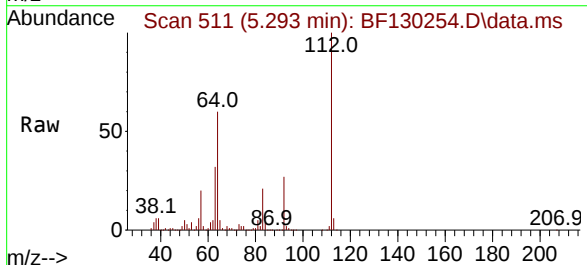
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

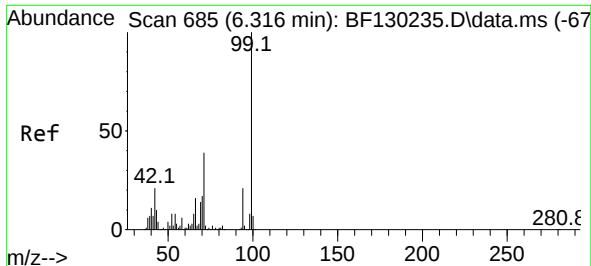
Tgt Ion:152 Resp: 99908
Ion Ratio Lower Upper
152 100
150 151.9 122.8 184.2
115 66.7 53.8 80.8



#5
2-Fluorophenol
Concen: 138.110 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion:112 Resp: 795538
Ion Ratio Lower Upper
112 100
64 59.5 51.4 77.0
63 32.4 28.8 43.2

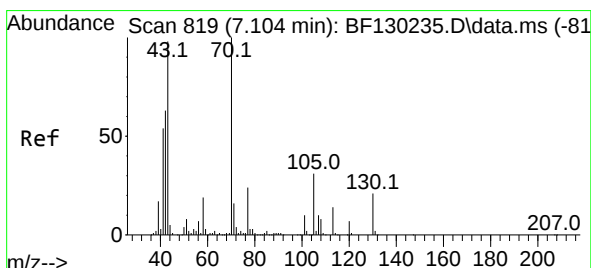
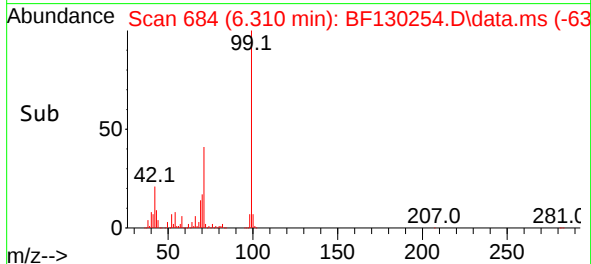
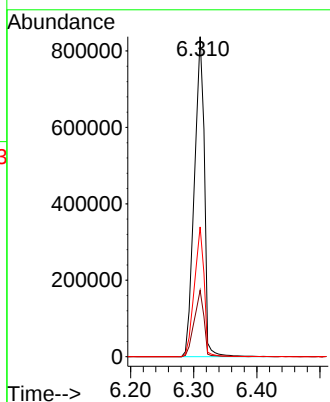
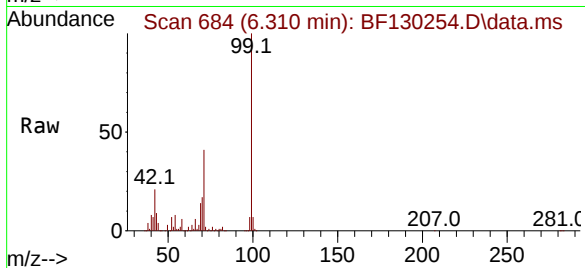




#7
Phenol-d6
Concen: 127.602 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

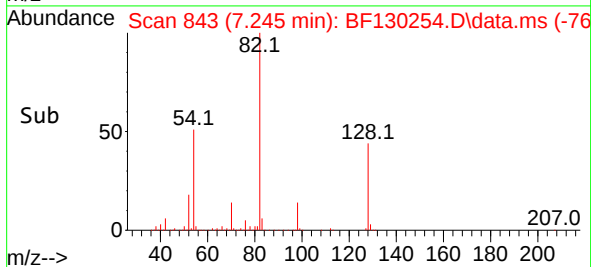
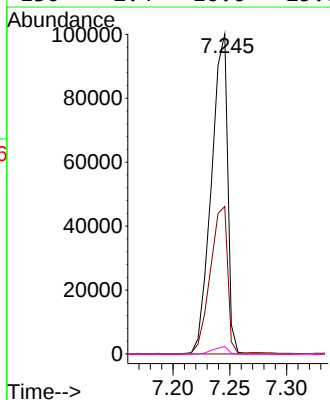
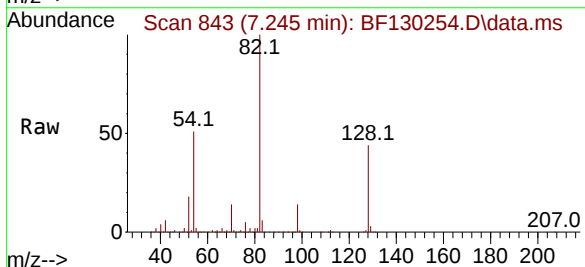
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

Tgt Ion: 99 Resp: 919667
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 40.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.528 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion: 70 Resp: 99836
Ion Ratio Lower Upper
70 100
42 46.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

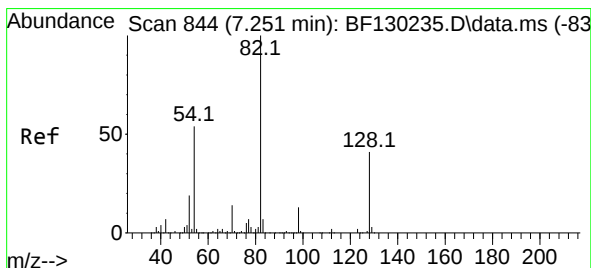
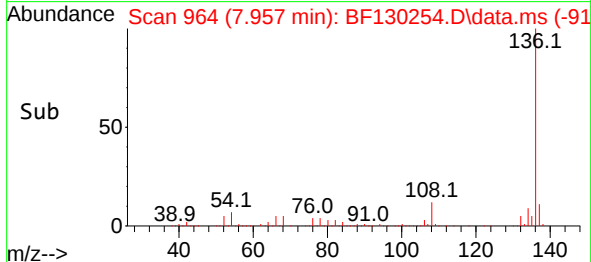
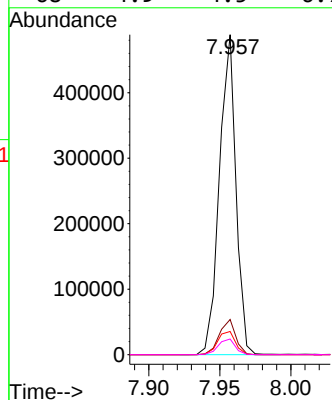
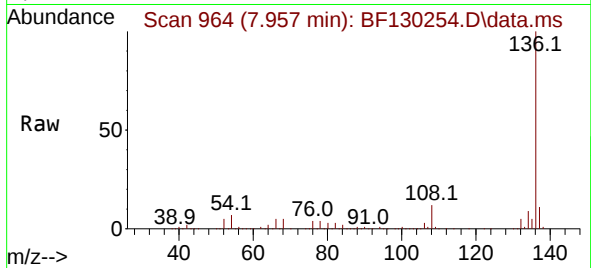




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

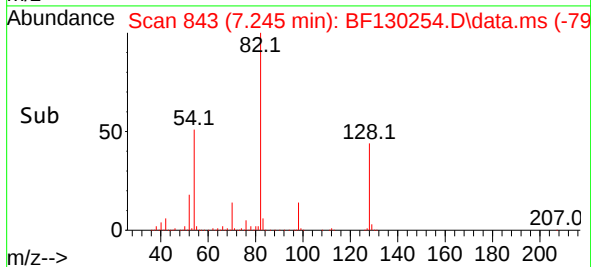
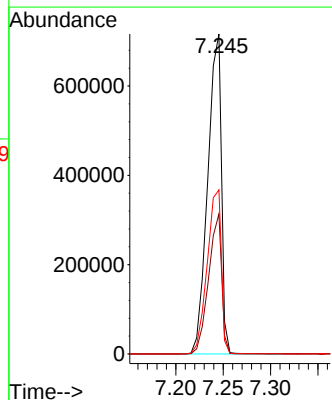
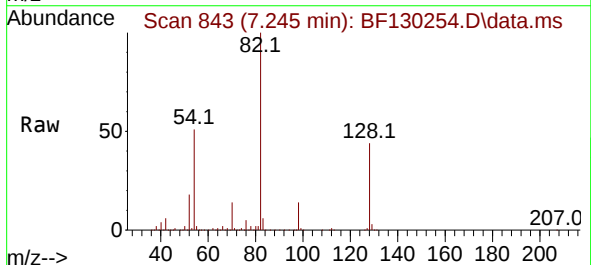
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

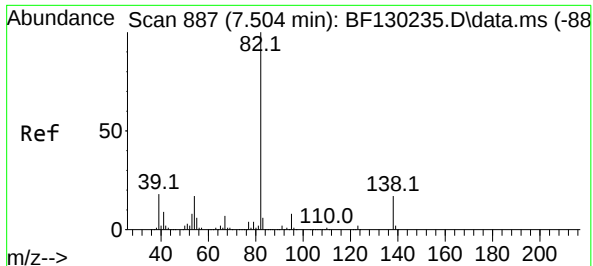
Tgt Ion:136	Resp: 394049
Ion Ratio	Lower Upper
136	100
137	11.0 9.1 13.7
54	7.2 7.1 10.7
68	4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 93.281 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion: 82	Resp: 719485
Ion Ratio	Lower Upper
82	100
128	43.8 32.6 49.0
54	51.3 43.8 65.6

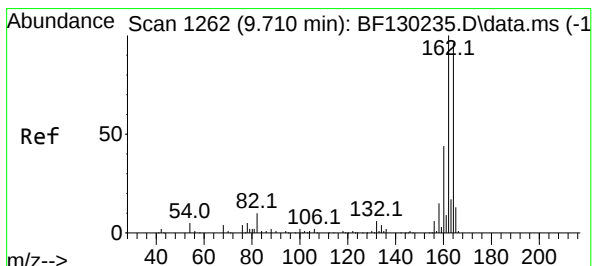
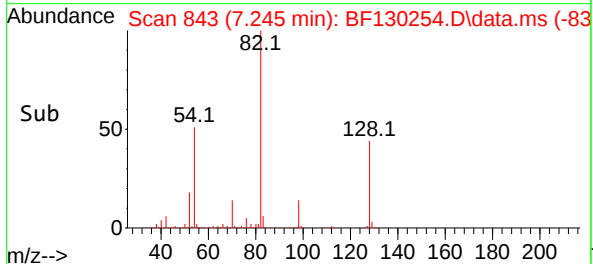
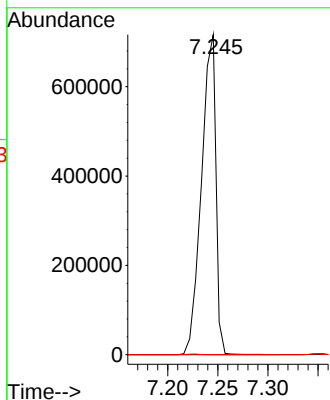
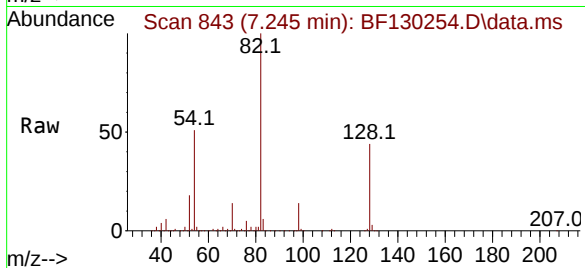




#25
Isophorone
Concen: 57.875 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

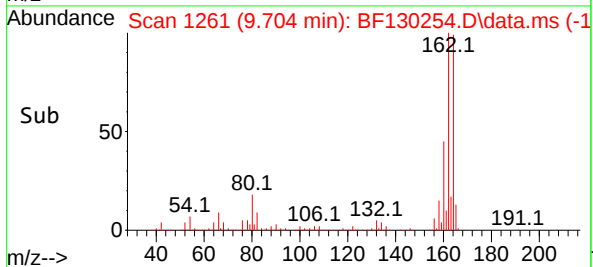
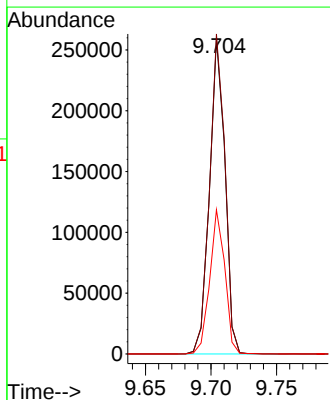
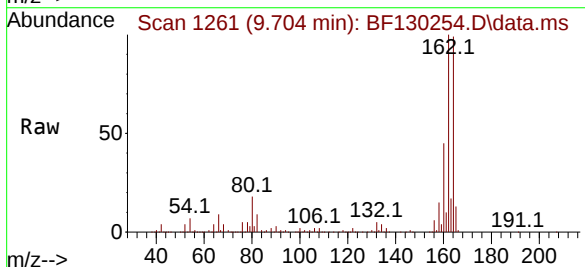
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

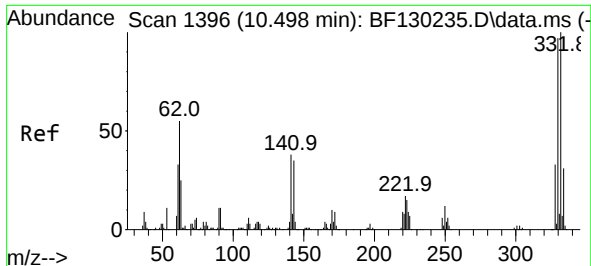
Tgt Ion: 82 Resp: 719479
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion: 164 Resp: 212839
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.7 36.2 54.4

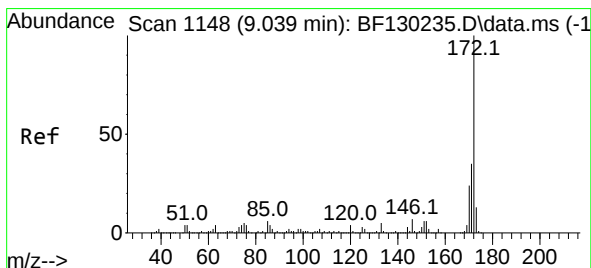
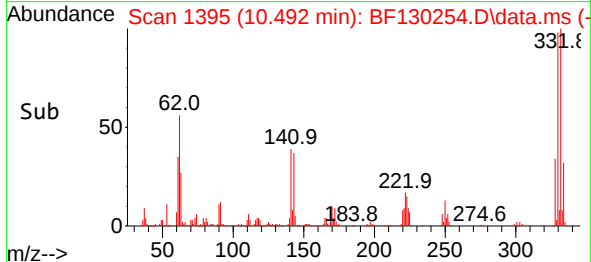
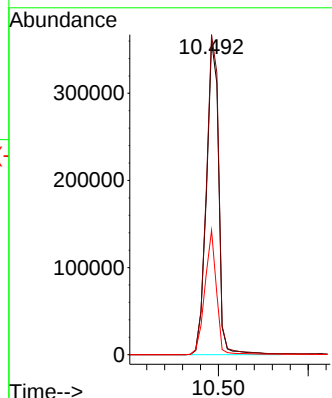
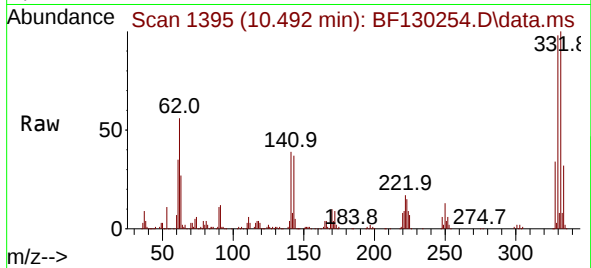




#42
2,4,6-Tribromophenol
Concen: 167.555 ng
RT: 10.492 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

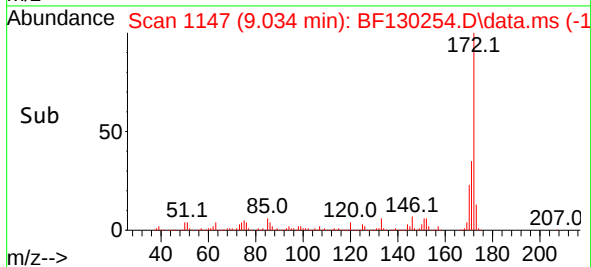
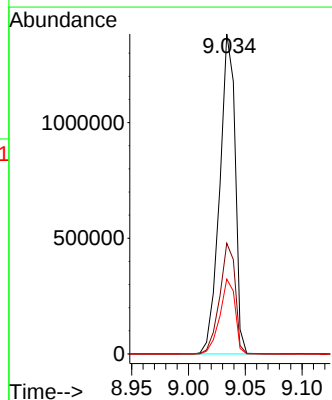
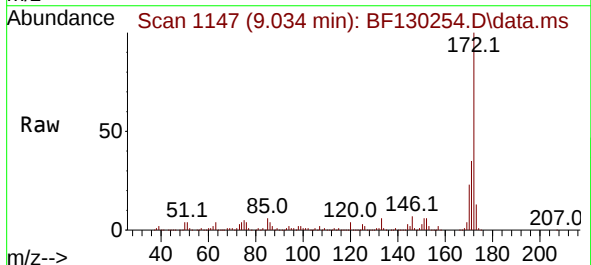
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

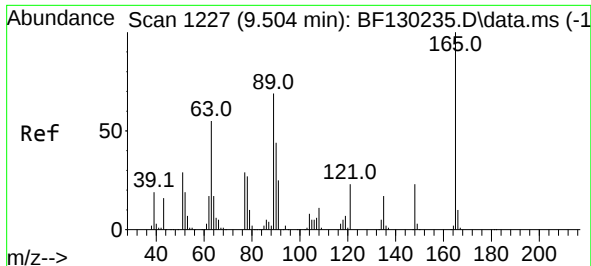
Tgt Ion:330 Resp: 341712
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 37.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 89.937 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion:172 Resp: 1314538
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.785 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130254.D

Acq: 14 Sep 2022 22:53

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-9

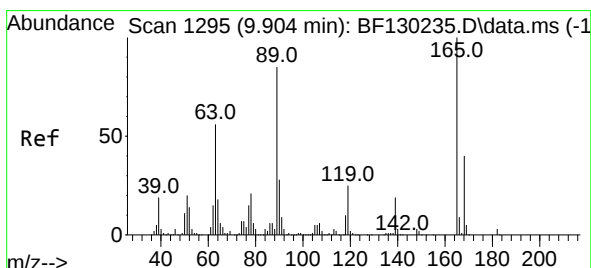
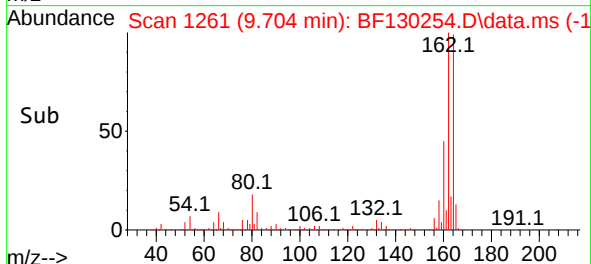
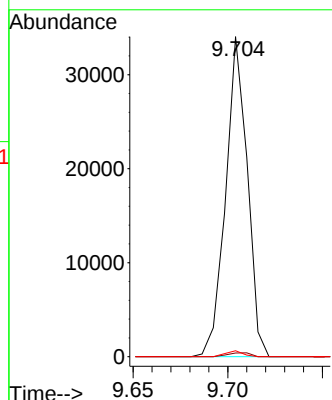
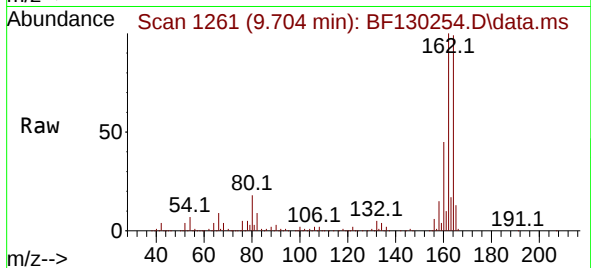
Tgt Ion:165 Resp: 27012

Ion Ratio Lower Upper

165 100

63 1.1 58.8 88.2#

89 1.9 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 6.874 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130254.D

Acq: 14 Sep 2022 22:53

Tgt Ion:165 Resp: 27012

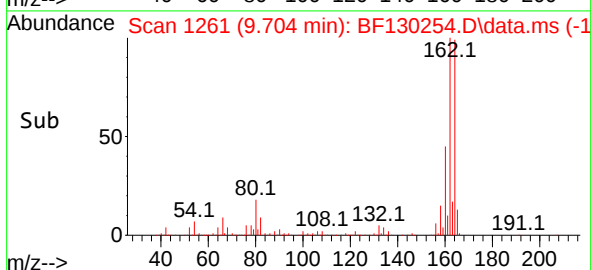
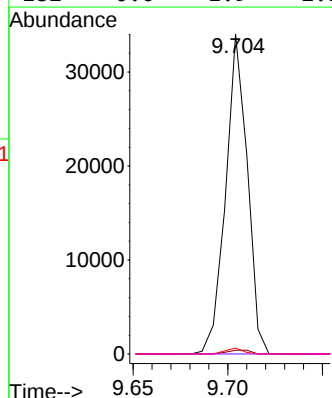
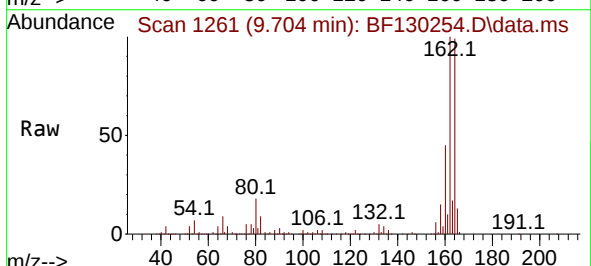
Ion Ratio Lower Upper

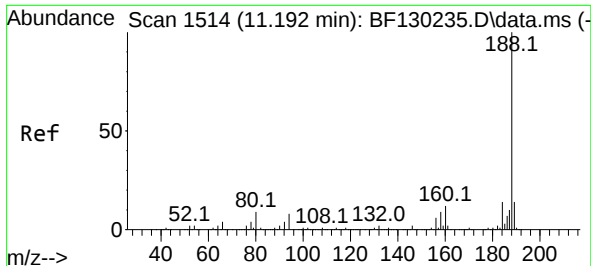
165 100

63 1.1 44.7 67.1#

89 1.9 69.0 103.4#

182 0.0 1.9 2.9#

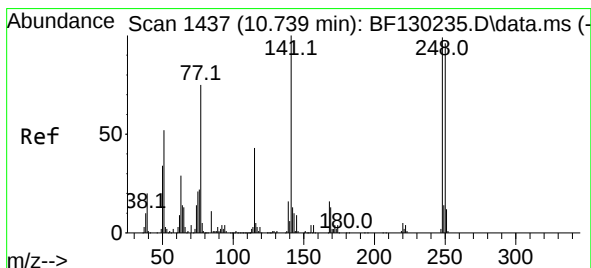
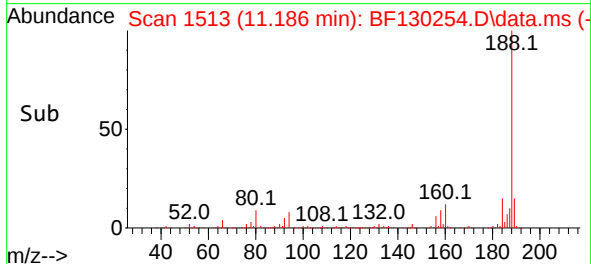
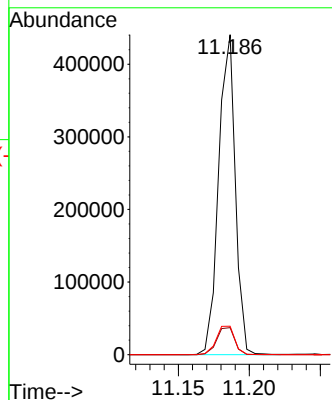
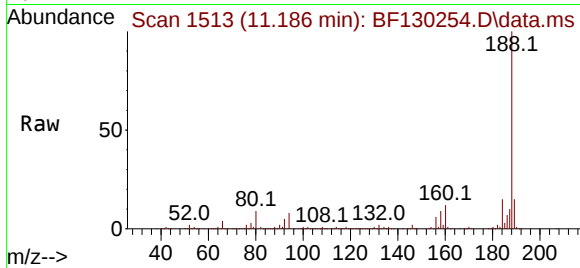




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

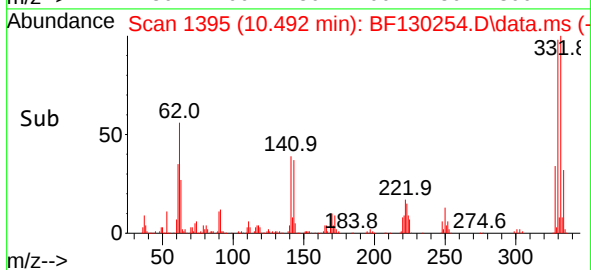
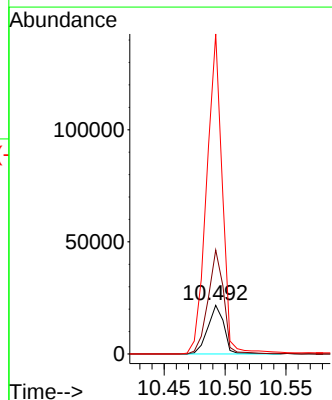
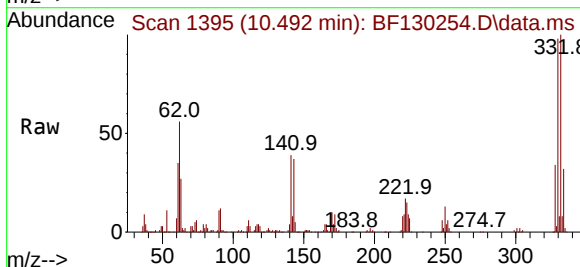
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

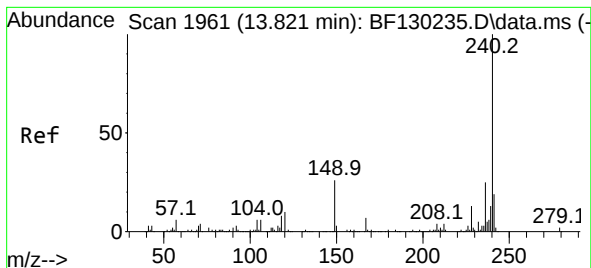
Tgt Ion:188 Resp: 358473
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.059 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

Tgt Ion:248 Resp: 20006
Ion Ratio Lower Upper
248 100
250 213.5 80.0 120.0#
141 657.3 68.5 102.7#

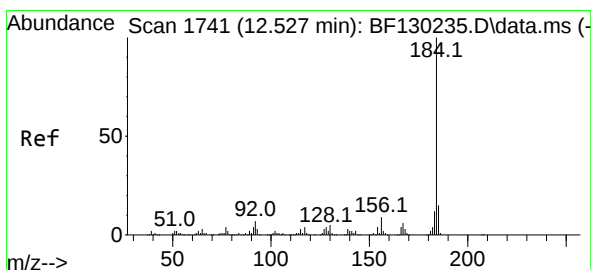
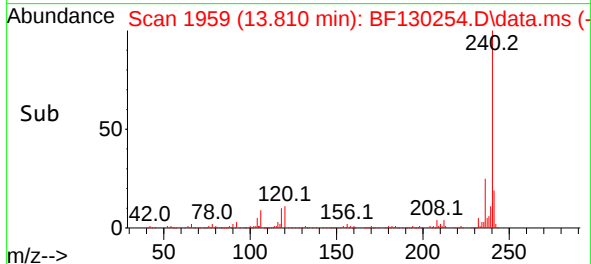
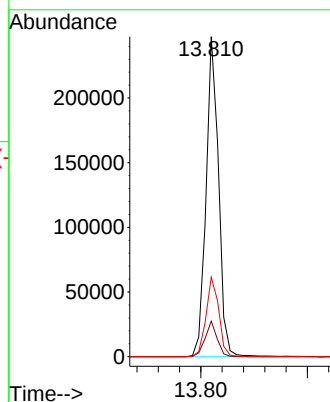
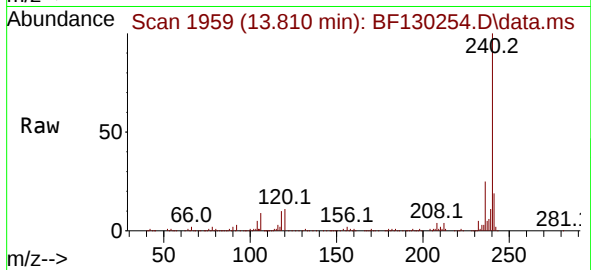




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

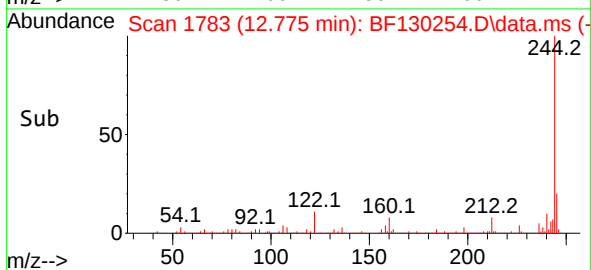
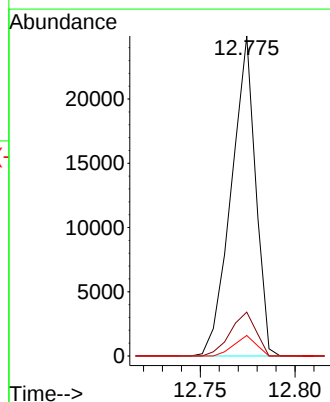
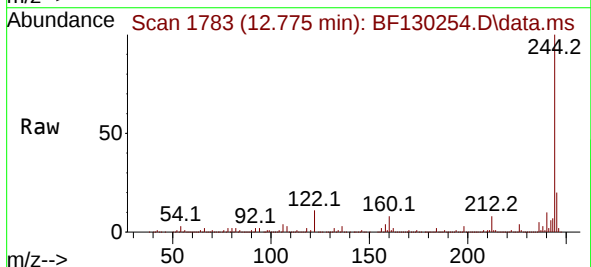
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-9

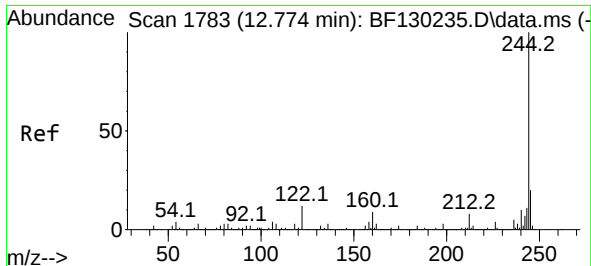
Tgt Ion:240 Resp: 202116
Ion Ratio Lower Upper
240 100
120 11.1 8.7 13.1
236 24.9 20.9 31.3



#77
Benzidine
Concen: 3.781 ng
RT: 12.775 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130254.D
Acq: 14 Sep 2022 22:53

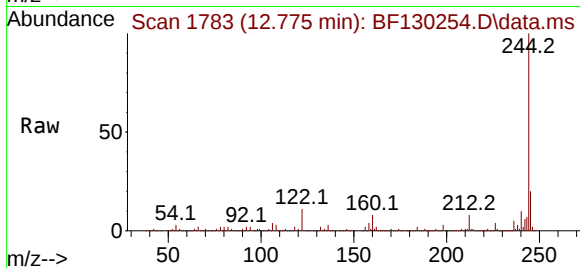
Tgt Ion:184 Resp: 22183
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 6.4 9.1 13.7#





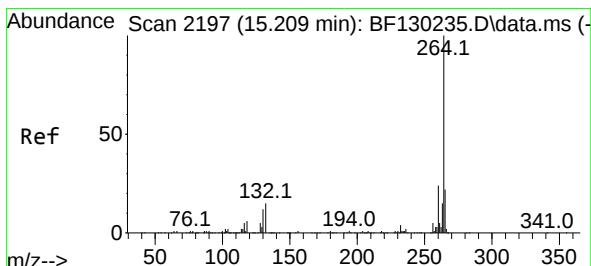
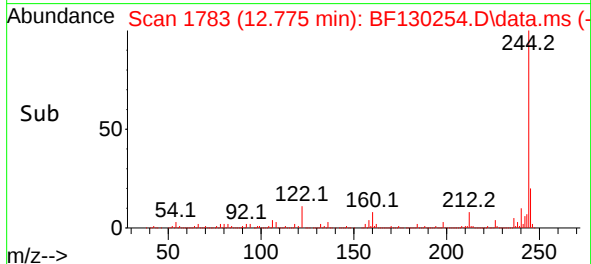
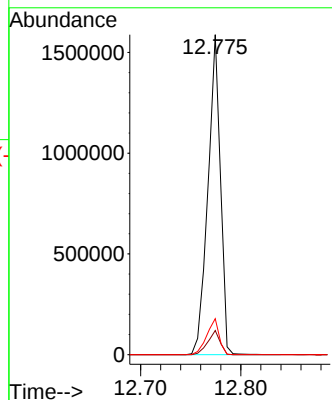
#79
 Terphenyl-d14
 Concen: 113.180 ng
 RT: 12.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130254.D
 Acq: 14 Sep 2022 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-9



Tgt Ion:244 Resp: 1380965

Ion	Ratio	Lower	Upper
244	100		
212	7.6	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: BF130254.D
 Acq: 14 Sep 2022 22:53

Tgt Ion:264 Resp: 155616

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	20.9	17.0	25.4

