

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130255.D
 Acq On : 14 Sep 2022 23:25
 Operator : CG\JU
 Sample : N4578-42
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP10

Quant Time: Sep 15 01:29:13 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)

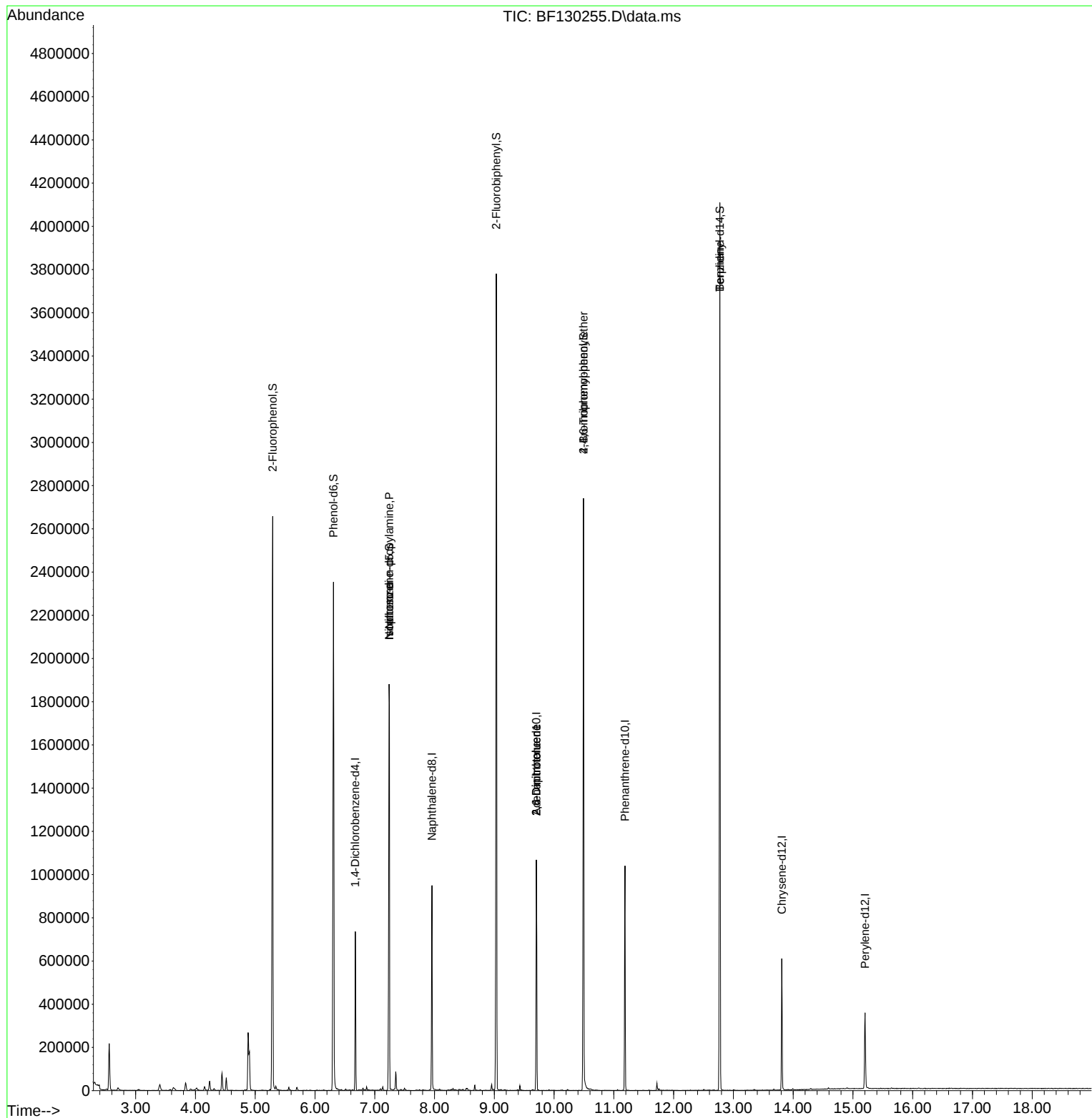
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	93198	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	368689	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	193594	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	333042	20.000	ng	0.00
76) Chrysene-d12	13.810	240	186633	20.000	ng	-0.01
86) Perylene-d12	15.204	264	146675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	728311	135.543	ng	0.02
7) Phenol-d6	6.310	99	831407	123.662	ng	0.00
23) Nitrobenzene-d5	7.239	82	660532	91.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	309070	166.615	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1188728	89.415	ng	0.00
79) Terphenyl-d14	12.774	244	1265875	112.355	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.239	70	93084	20.518	ng	# 74
25) Isophorone	7.239	82	660522	56.787	ng	# 66
51) 2,6-Dinitrotoluene	9.704	165	25135	8.987	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	25135	7.032	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	19114	5.203	ng	# 1
77) Benzidine	12.774	184	20334	3.753	ng	# 92

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

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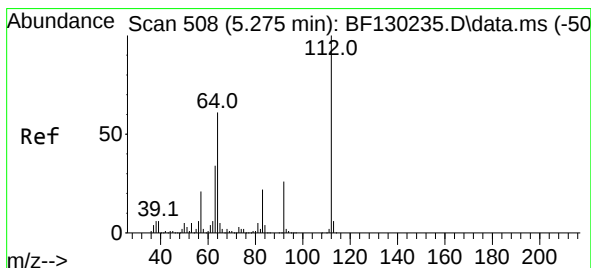
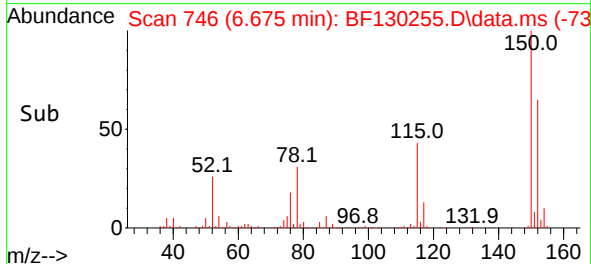
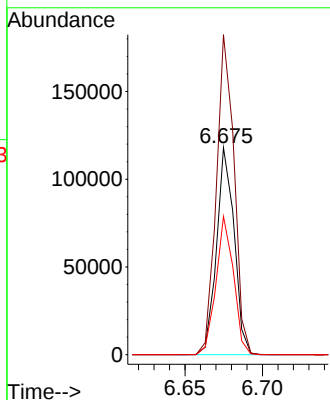
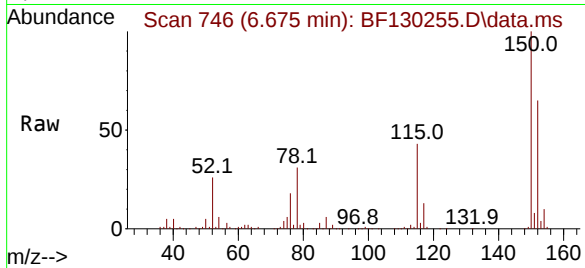




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130255.D
 Acq: 14 Sep 2022 23:25

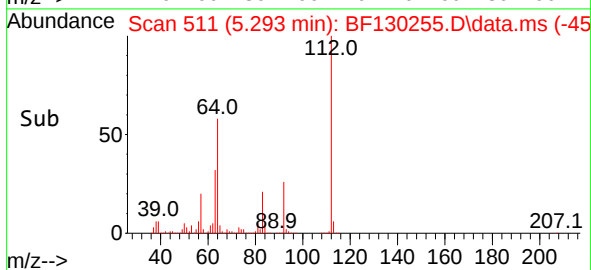
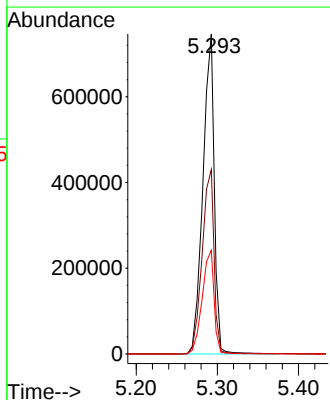
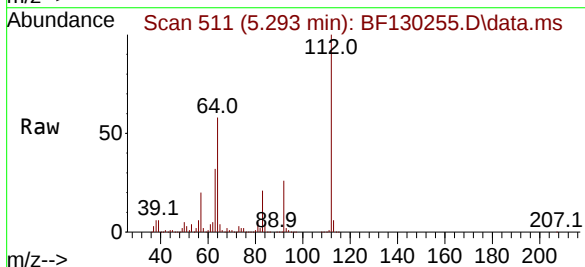
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP10

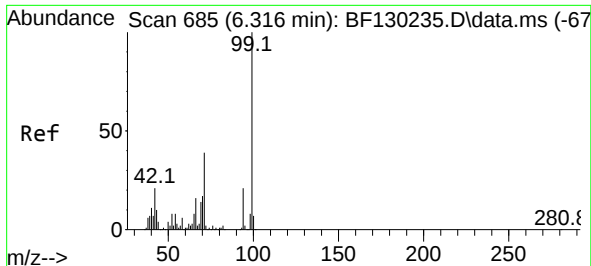
Tgt Ion:152 Resp: 93198
 Ion Ratio Lower Upper
 152 100
 150 154.6 122.8 184.2
 115 66.7 53.8 80.8



#5
 2-Fluorophenol
 Concen: 135.543 ng
 RT: 5.293 min Scan# 511
 Delta R.T. 0.018 min
 Lab File: BF130255.D
 Acq: 14 Sep 2022 23:25

Tgt Ion:112 Resp: 728311
 Ion Ratio Lower Upper
 112 100
 64 57.6 51.4 77.0
 63 32.4 28.8 43.2

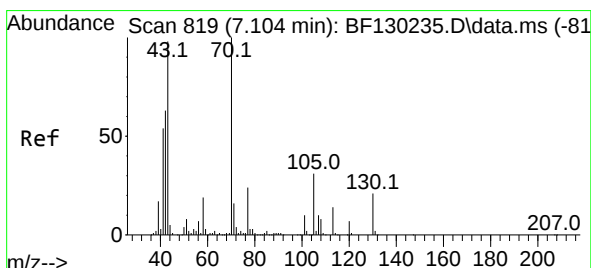
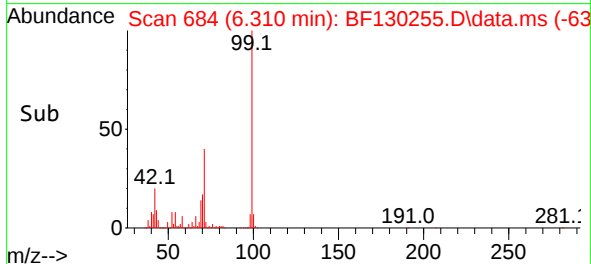
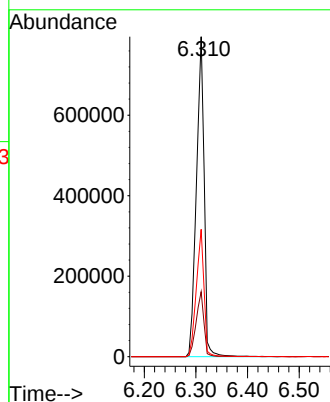
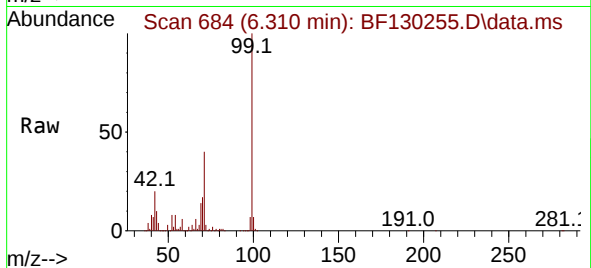




#7
Phenol-d6
Concen: 123.662 ng
RT: 6.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

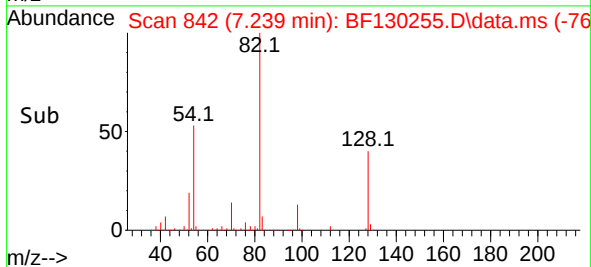
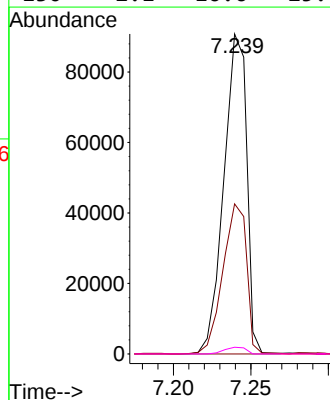
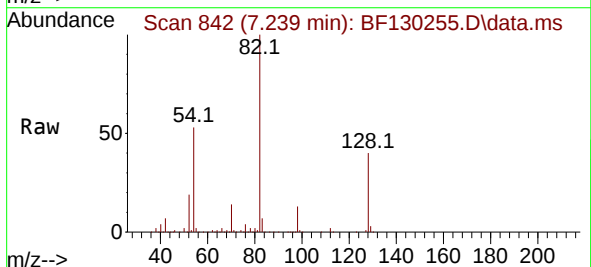
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP10

Tgt Ion: 99 Resp: 831407
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 39.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.518 ng
RT: 7.239 min Scan# 842
Delta R.T. 0.135 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

Tgt Ion: 70 Resp: 93084
Ion Ratio Lower Upper
70 100
42 46.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

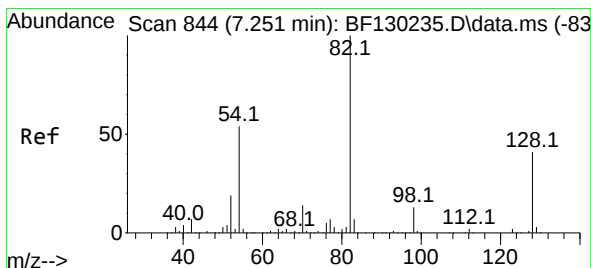
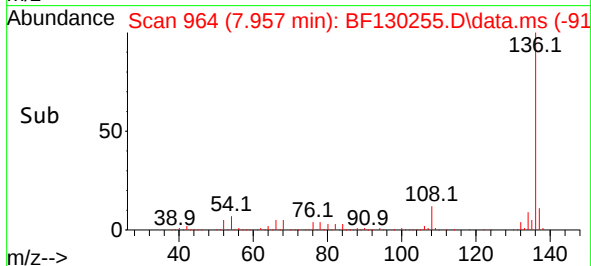
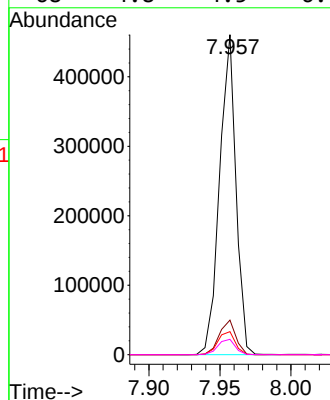
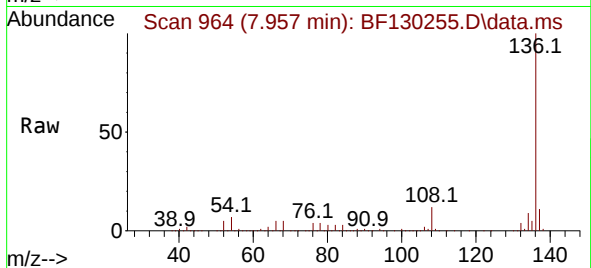




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

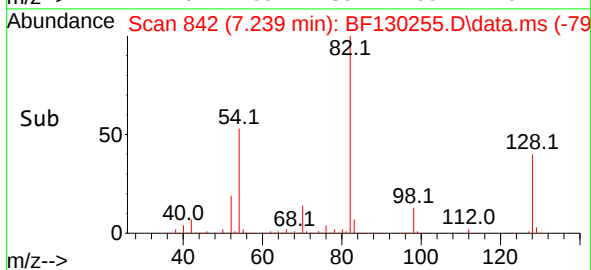
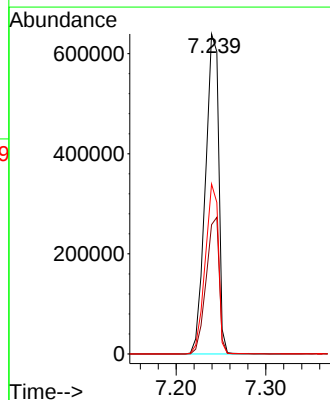
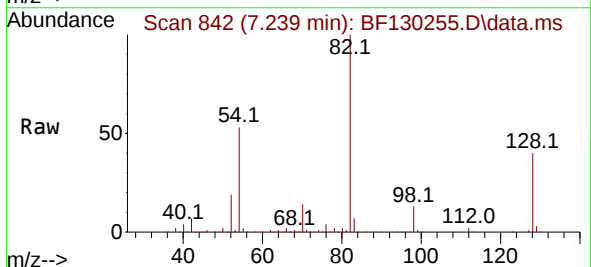
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP10

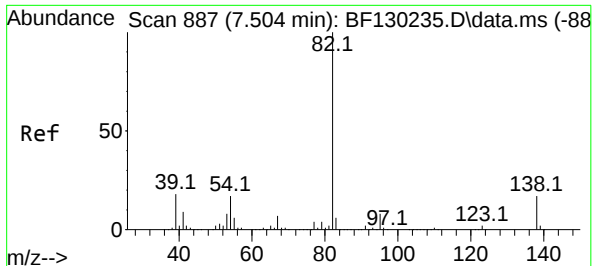
Tgt Ion:136	Resp: 368689
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 7.2	7.1 10.7
68 4.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 91.529 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

Tgt Ion: 82	Resp: 660532
Ion Ratio	Lower Upper
82 100	
128 40.4	32.6 49.0
54 53.1	43.8 65.6

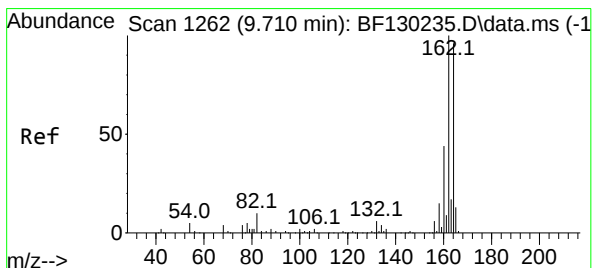
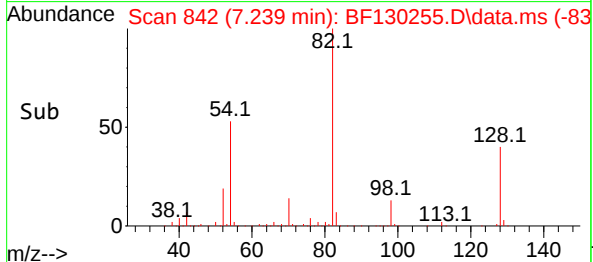
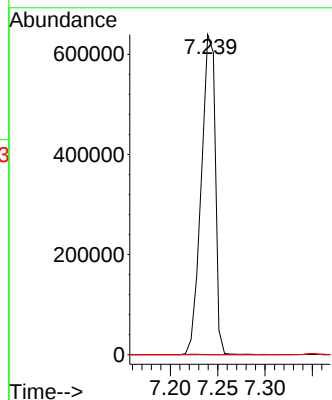
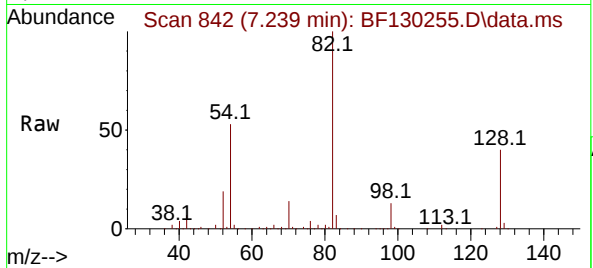




#25
Isophorone
Concen: 56.787 ng
RT: 7.239 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

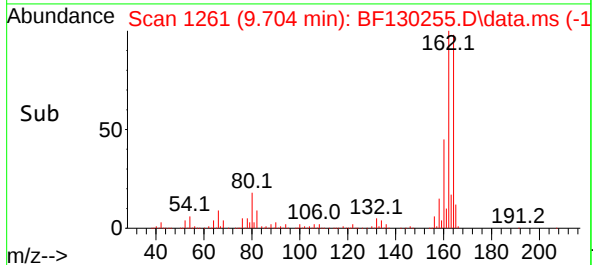
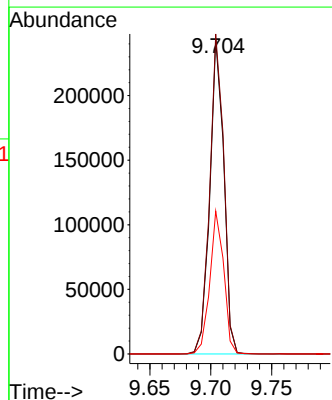
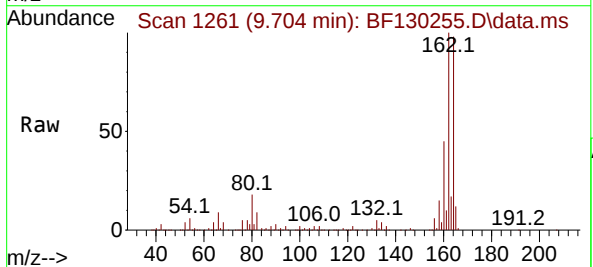
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP10

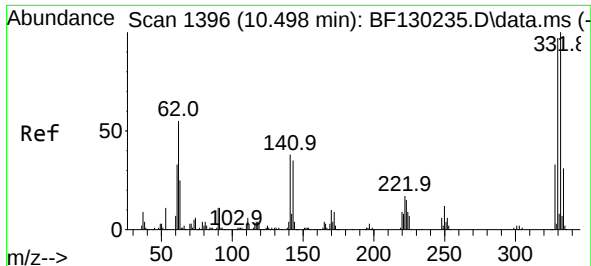
Tgt Ion: 82 Resp: 660522
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

Tgt Ion: 164 Resp: 193594
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 166.615 ng

RT: 10.492 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130255.D

Acq: 14 Sep 2022 23:25

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP10

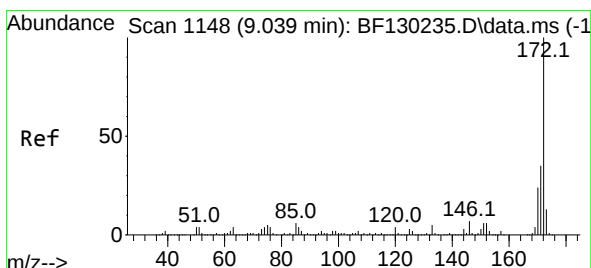
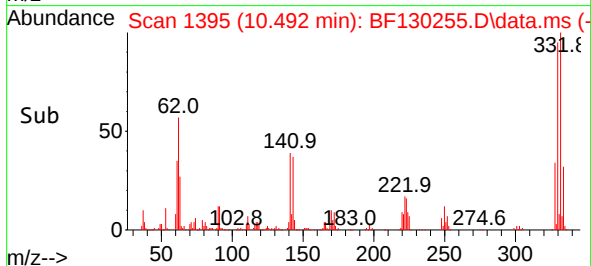
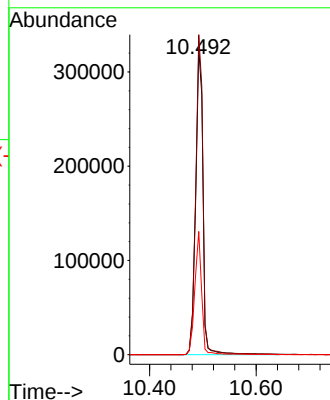
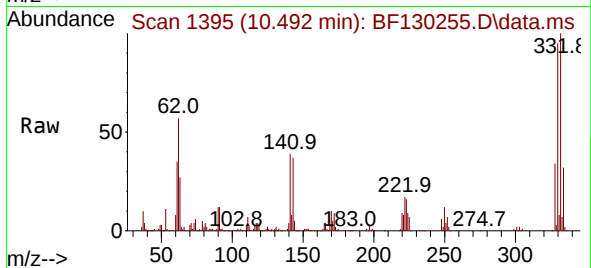
Tgt Ion:330 Resp: 309070

Ion Ratio Lower Upper

330 100

332 103.8 83.4 125.2

141 37.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 89.415 ng

RT: 9.033 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130255.D

Acq: 14 Sep 2022 23:25

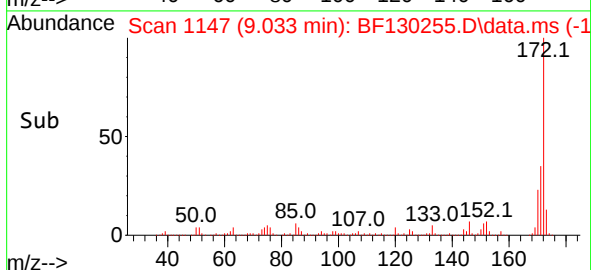
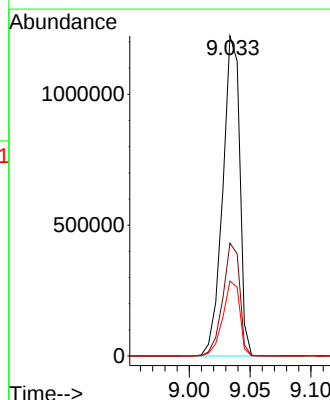
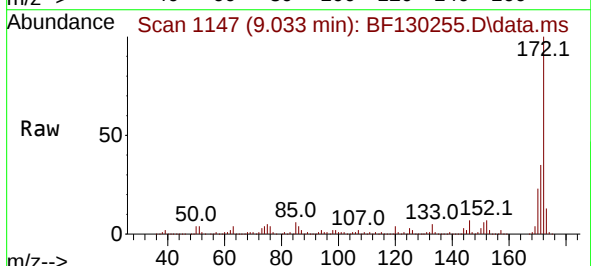
Tgt Ion:172 Resp: 1188728

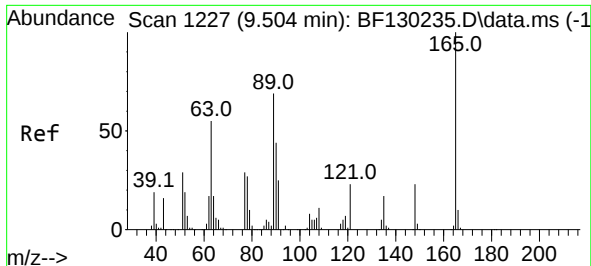
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.987 ng

RT: 9.704 min Scan# 1261

Delta R.T. 0.200 min

Lab File: BF130255.D

Acq: 14 Sep 2022 23:25

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP10

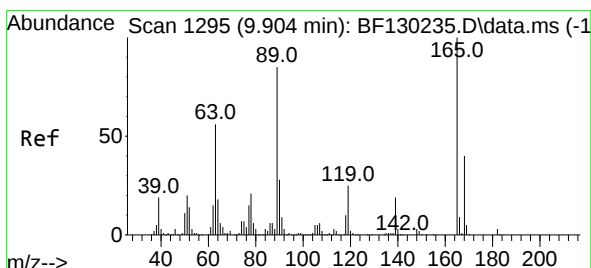
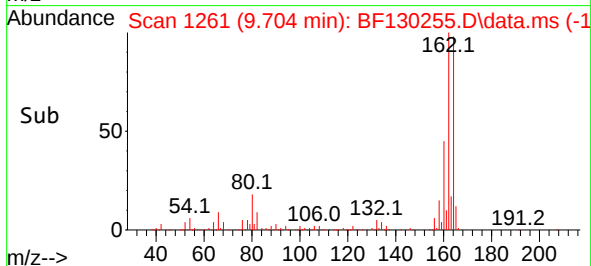
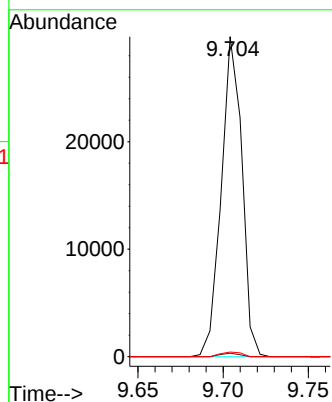
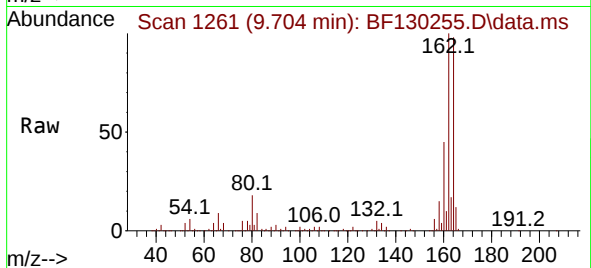
Tgt Ion:165 Resp: 25135

Ion Ratio Lower Upper

165 100

63 1.1 58.8 88.2#

89 1.4 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.032 ng

RT: 9.704 min Scan# 1261

Delta R.T. -0.200 min

Lab File: BF130255.D

Acq: 14 Sep 2022 23:25

Tgt Ion:165 Resp: 25135

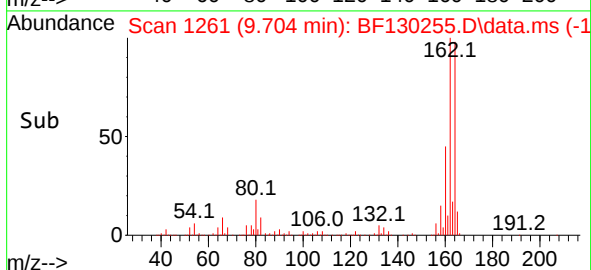
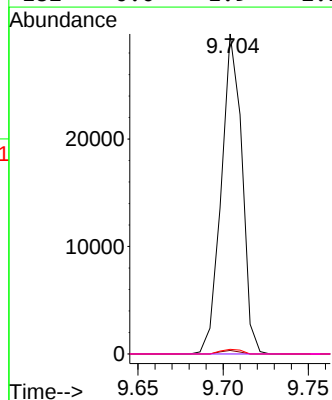
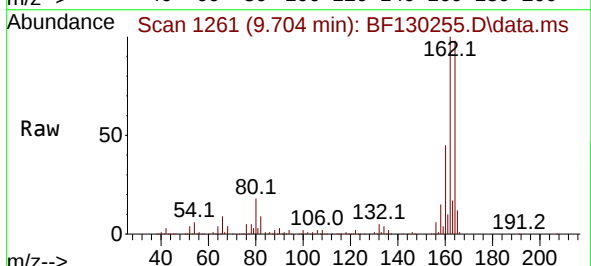
Ion Ratio Lower Upper

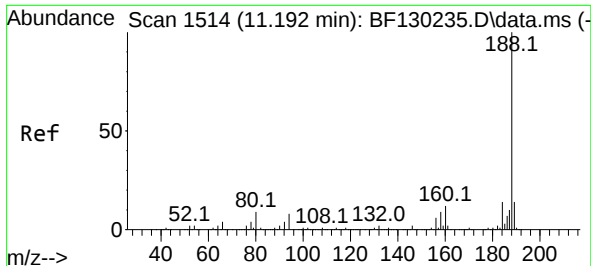
165 100

63 1.1 44.7 67.1#

89 1.4 69.0 103.4#

182 0.0 1.9 2.9#

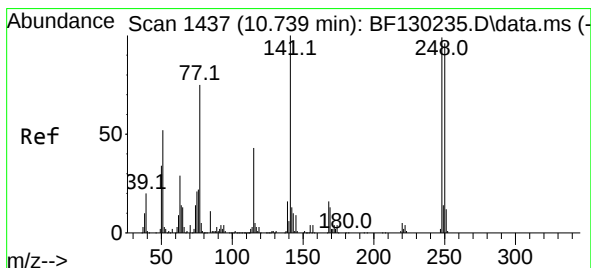
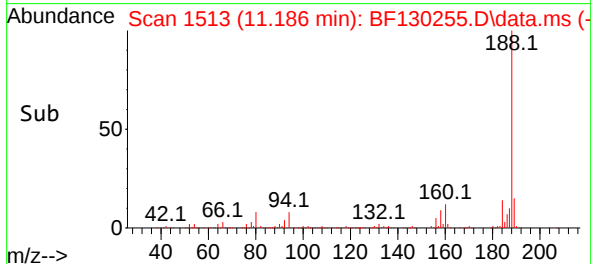
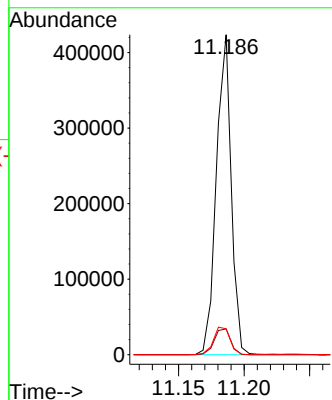
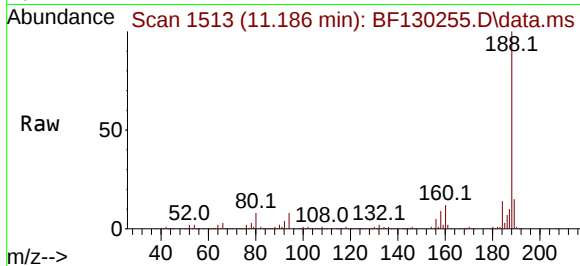




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

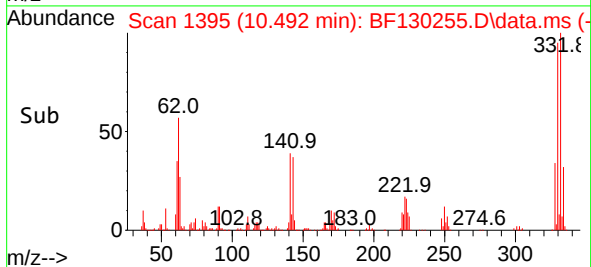
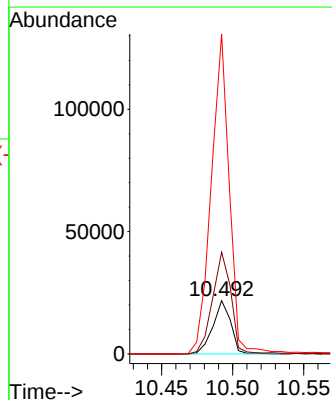
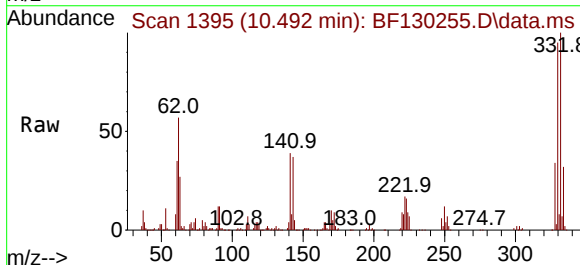
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP10

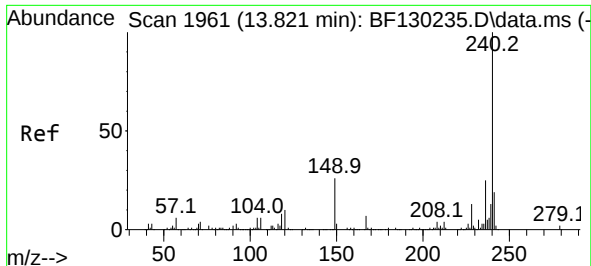
Tgt Ion:188 Resp: 333042
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.203 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.247 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

Tgt Ion:248 Resp: 19114
Ion Ratio Lower Upper
248 100
250 191.1 80.0 120.0#
141 601.2 68.5 102.7#

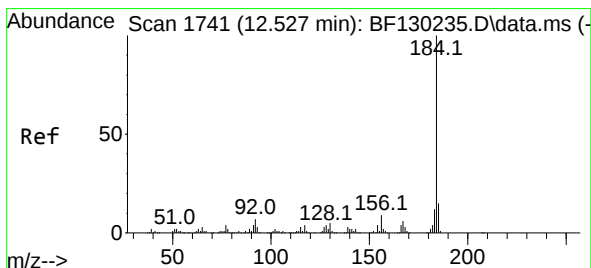
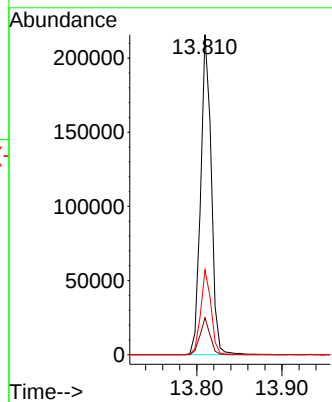
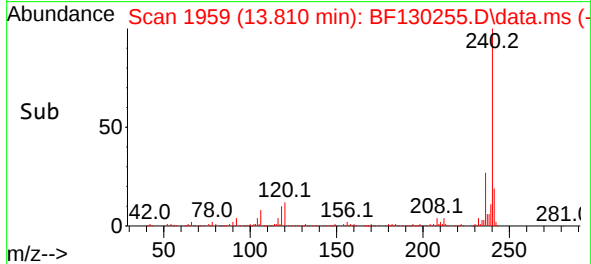
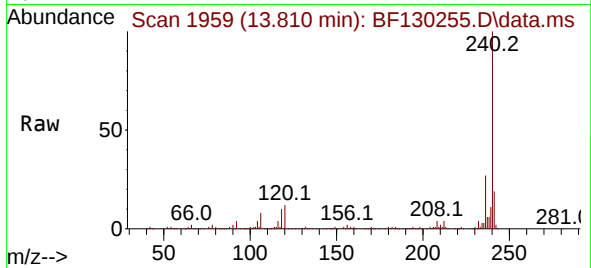




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

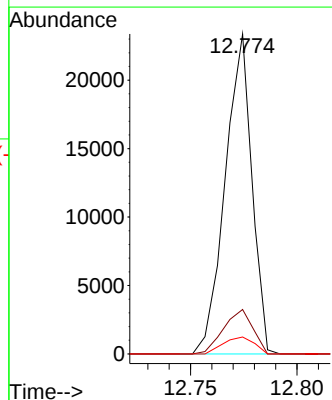
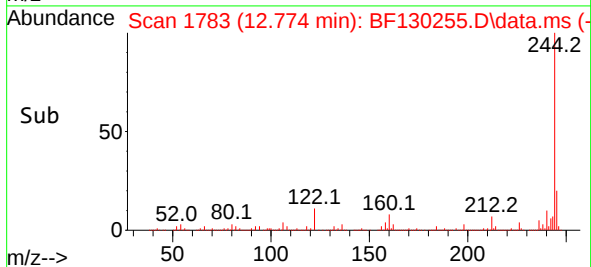
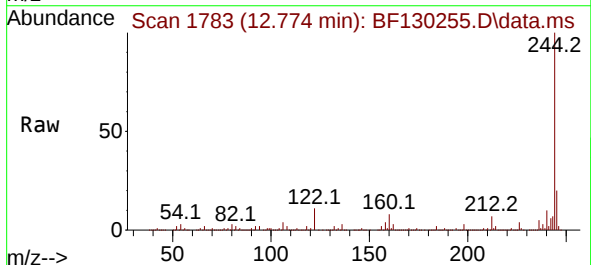
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP10

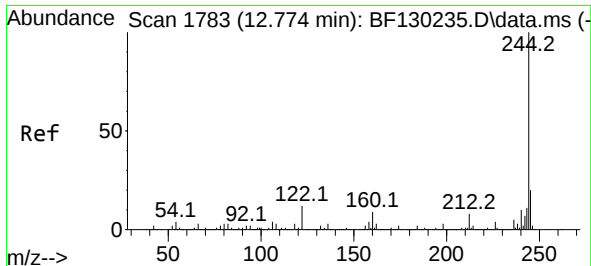
Tgt Ion:240 Resp: 186633
Ion Ratio Lower Upper
240 100
120 11.5 8.7 13.1
236 26.5 20.9 31.3



#77
Benzidine
Concen: 3.753 ng
RT: 12.774 min Scan# 1783
Delta R.T. 0.247 min
Lab File: BF130255.D
Acq: 14 Sep 2022 23:25

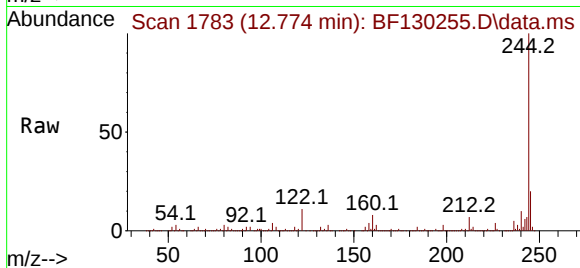
Tgt Ion:184 Resp: 20334
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 5.3 9.1 13.7#





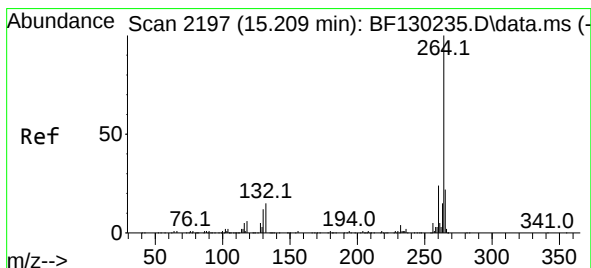
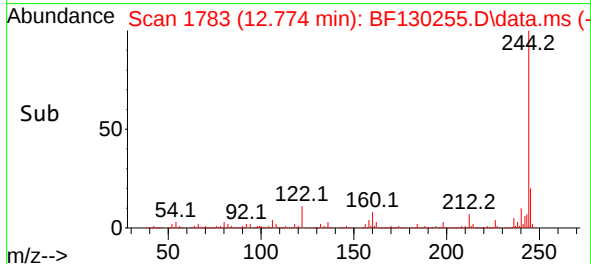
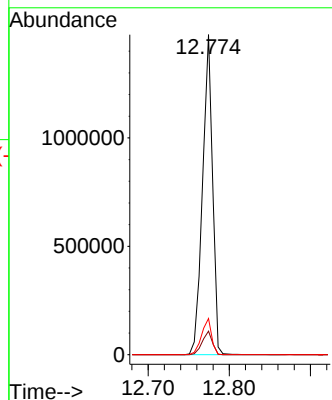
#79
 Terphenyl-d14
 Concen: 112.355 ng
 RT: 12.774 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130255.D
 Acq: 14 Sep 2022 23:25

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP10



Tgt Ion:244 Resp: 1265875

Ion	Ratio	Lower	Upper
244	100		
212	7.3	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: BF130255.D
 Acq: 14 Sep 2022 23:25

Tgt Ion:264 Resp: 146675

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.3	28.9
265	20.8	17.0	25.4

