

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133182.D
 Acq On : 02 May 2023 11:39
 Operator : CG\JU
 Sample : 02521-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-1

Quant Time: May 03 06:17:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

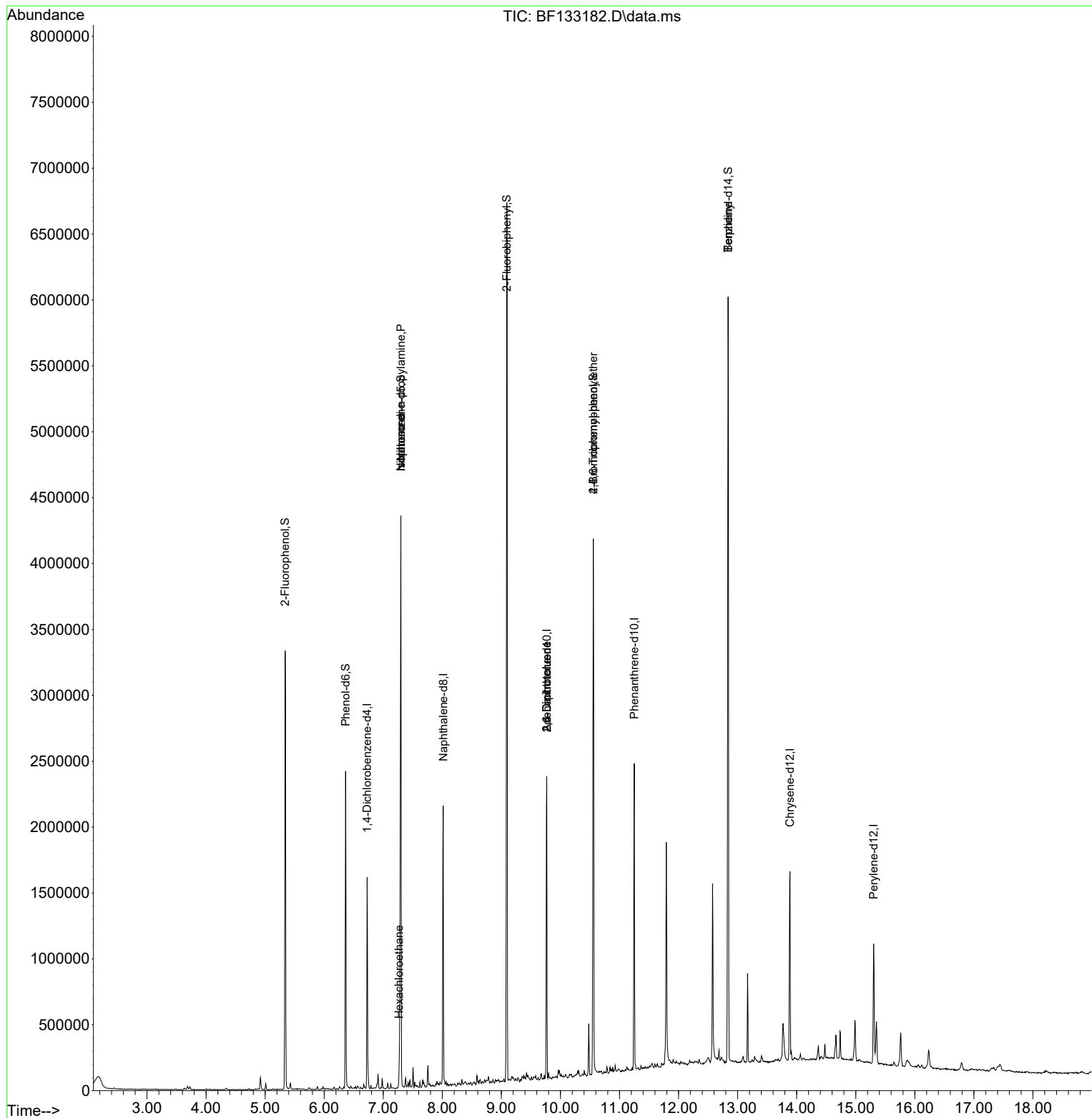
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	217825	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	867706	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	448217	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	782429	20.000	ng	0.00
76) Chrysene-d12	13.886	240	465239	20.000	ng	0.00
86) Perylene-d12	15.304	264	390223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	965783	66.977	ng	0.00
7) Phenol-d6	6.363	99	732248	40.913	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1397459	86.931	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	579848	128.636	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2288051	85.403	ng	0.00
79) Terphenyl-d14	12.839	244	2436044	90.306	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	2428	Below Cal	Qvalue	# 80
18) Hexachloroethane	7.269	117	14273	2.632	ng	# 1
19) n-Nitroso-di-n-propyla...	7.298	70	187243	16.805	ng	# 74
25) Isophorone	7.298	82	1391994	45.606	ng	# 63
51) 2,6-Dinitrotoluene	9.769	165	59775	8.498	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	59775	6.663	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	35886	4.229	ng	# 1
77) Benzidine	12.839	184	29263	3.720	ng	# 94

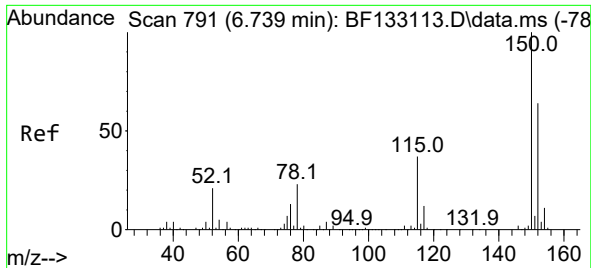
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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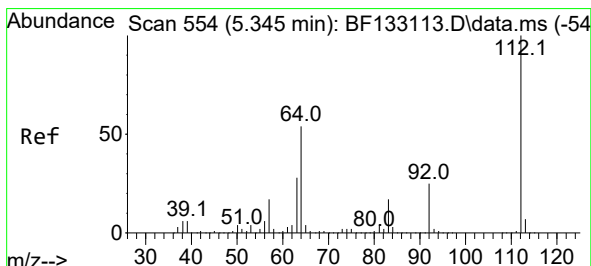
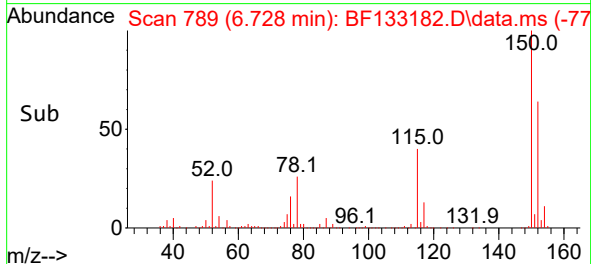
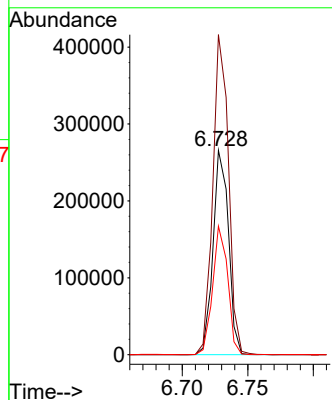
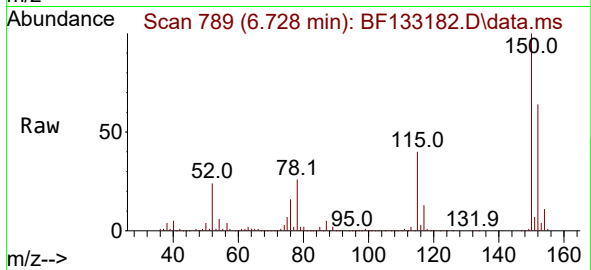




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

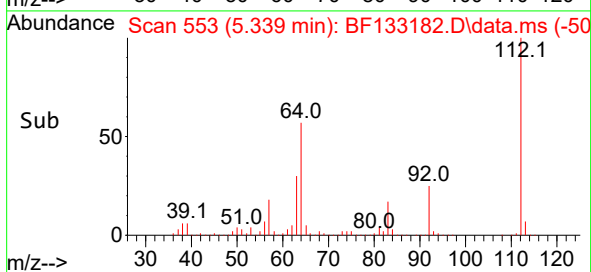
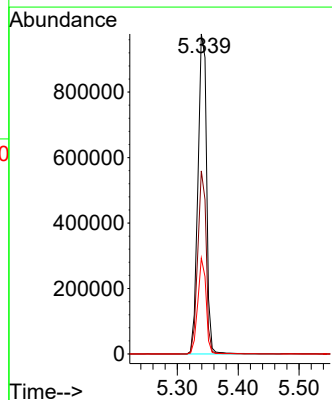
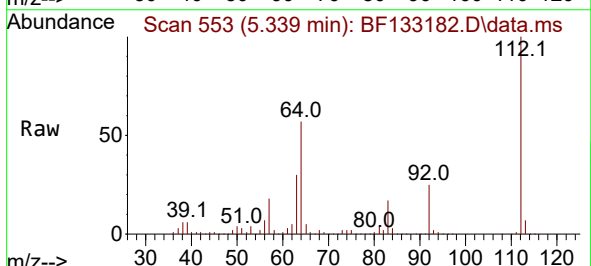
Instrument :
BNA_F
ClientSampleId :
GMW-1

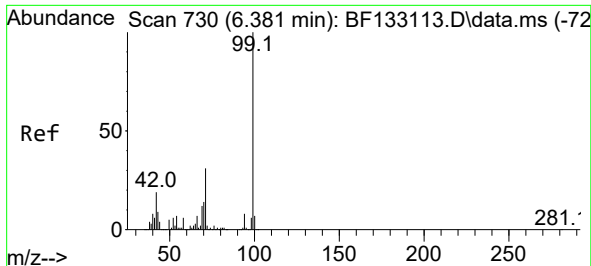
Tgt Ion:152 Resp: 217825
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 66.977 ng
RT: 5.339 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion:112 Resp: 965783
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.9 23.8 35.8





#7

Phenol-d6

Concen: 40.913 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

BNA_F

ClientSampleId :

GMW-1

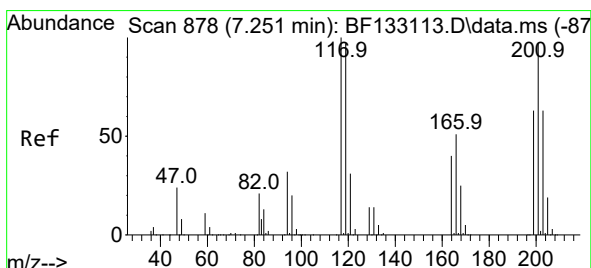
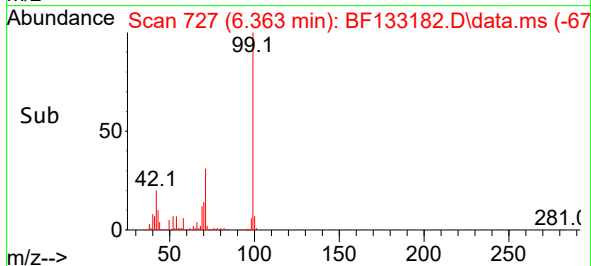
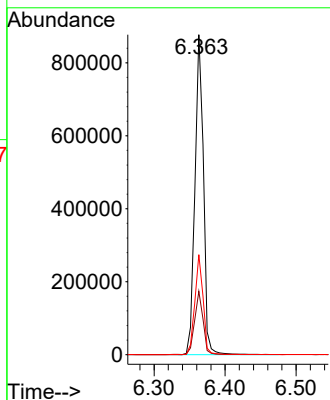
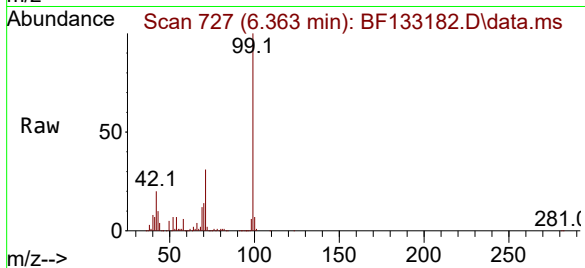
Tgt Ion: 99 Resp: 732248

Ion Ratio Lower Upper

99 100

42 19.8 16.3 24.5

71 31.3 25.6 38.4



#18

Hexachloroethane

Concen: 2.632 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.023 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

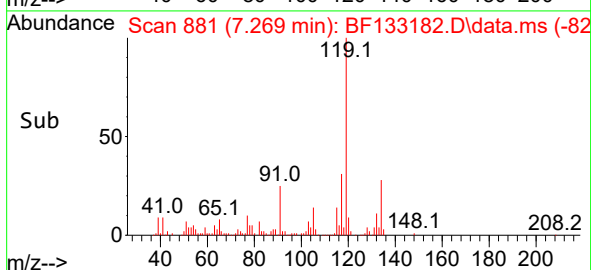
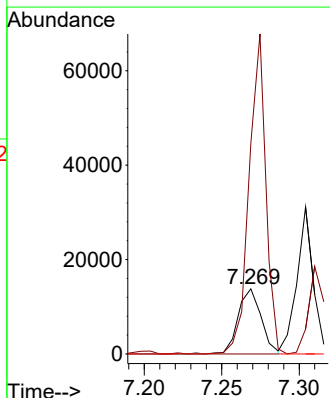
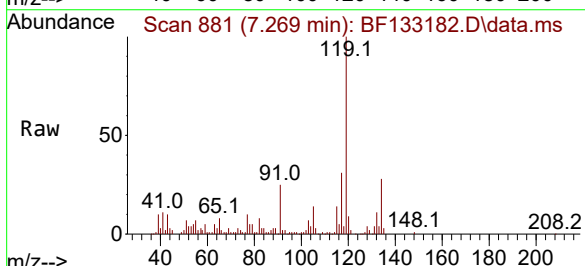
Tgt Ion: 117 Resp: 14273

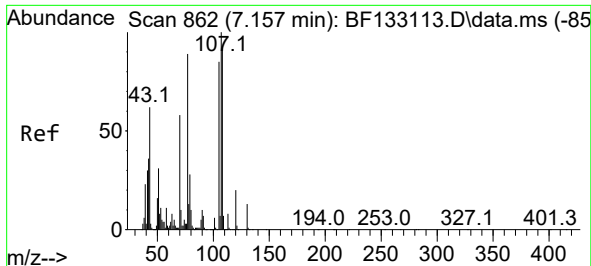
Ion Ratio Lower Upper

117 100

119 323.5 78.2 117.4#

201 0.0 81.7 122.5#

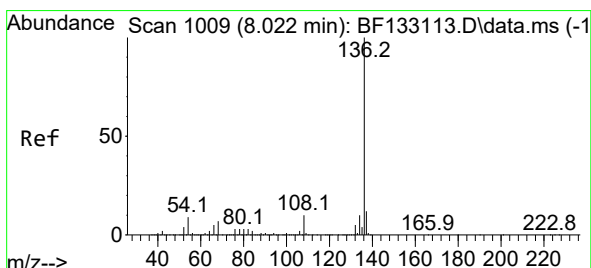
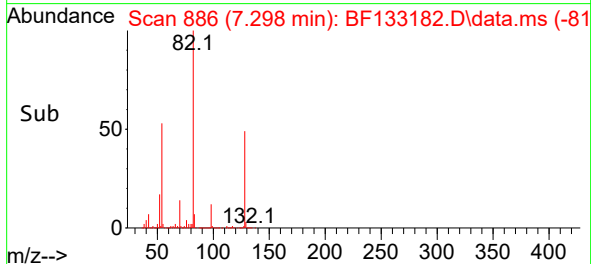
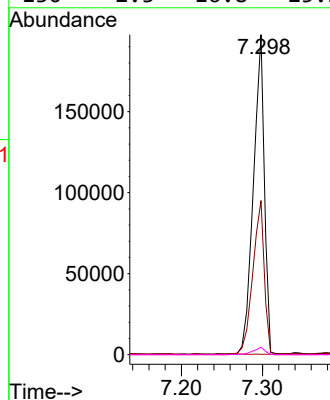
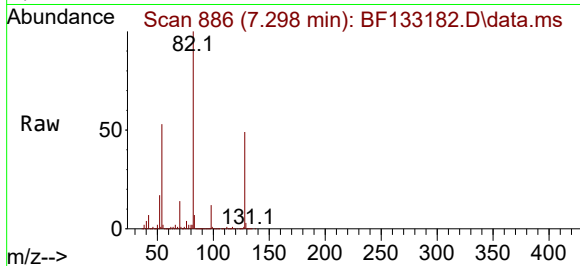




#19
n-Nitroso-di-n-propylamine
Concen: 16.805 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

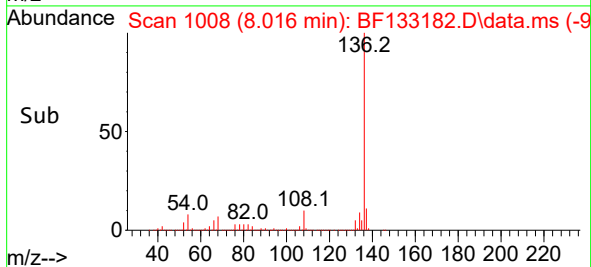
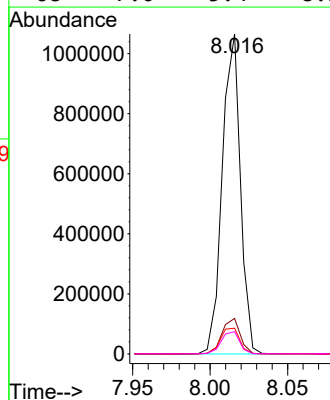
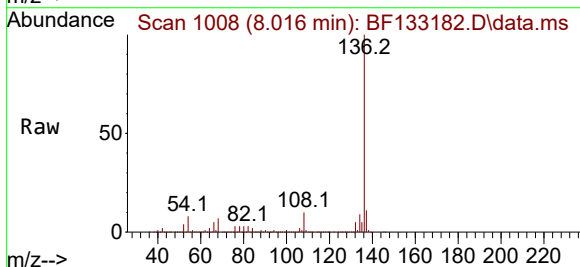
Instrument :
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ClientSampleId :
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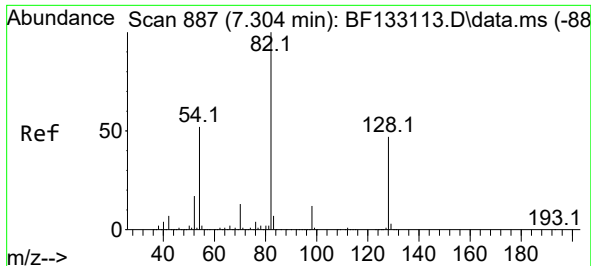
Tgt Ion: 70 Resp: 187243
Ion Ratio Lower Upper
70 100
42 48.2 51.8 77.6#
101 0.1 8.0 12.0#
130 2.3 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion: 136 Resp: 867706
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.1 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.931 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

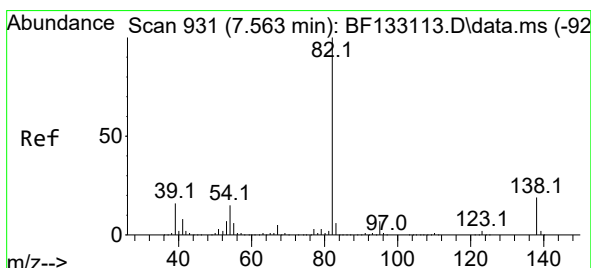
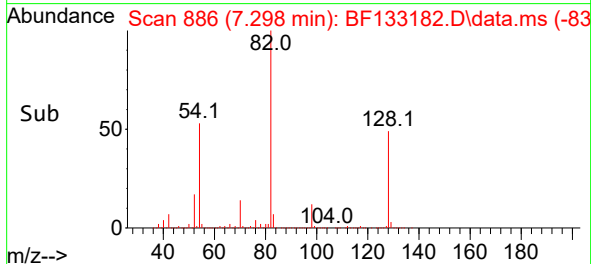
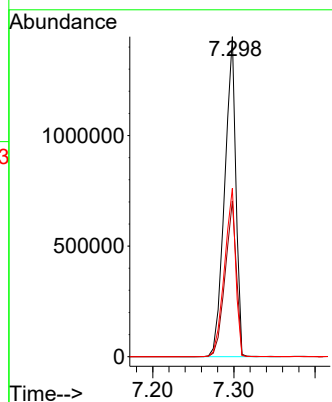
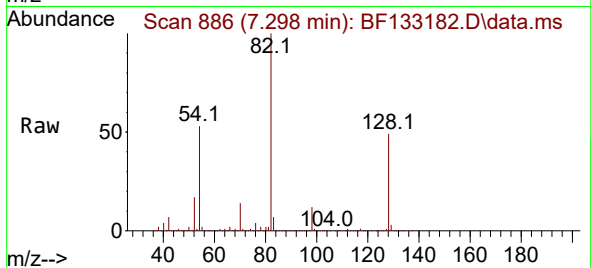
BNA_F

ClientSampleId :

GMW-1

Tgt Ion: 82 Resp: 1397459

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	52.6	43.0	64.4



#25

Isophorone

Concen: 45.606 ng

RT: 7.298 min Scan# 886

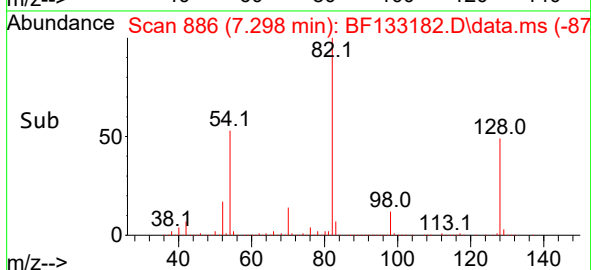
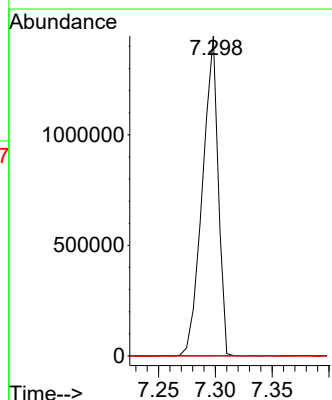
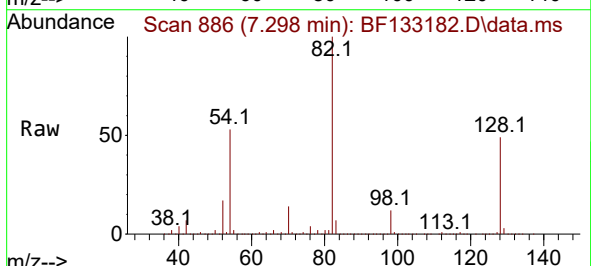
Delta R.T. -0.259 min

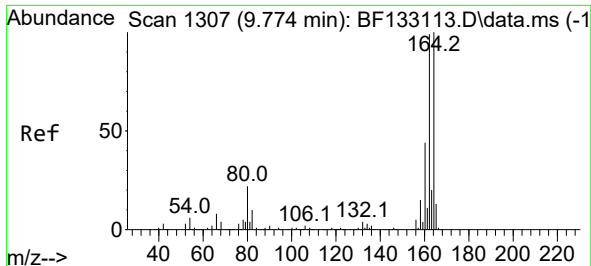
Lab File: BF133182.D

Acq: 02 May 2023 11:39

Tgt Ion: 82 Resp: 1391994

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	16.0	24.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

BNA_F

ClientSampleId :

GMW-1

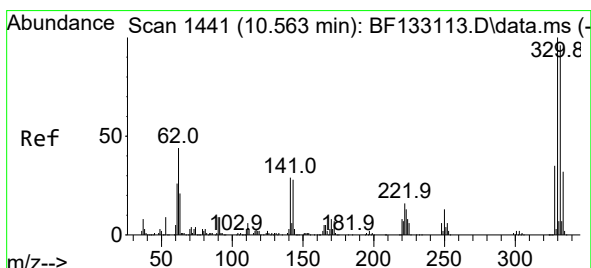
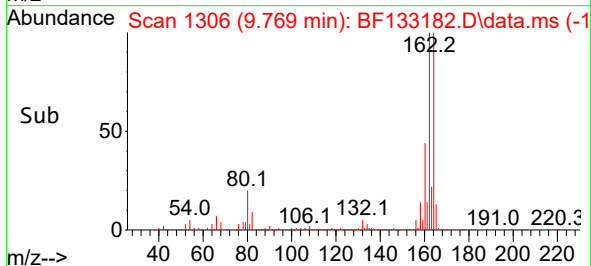
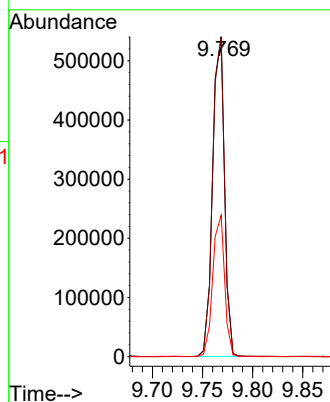
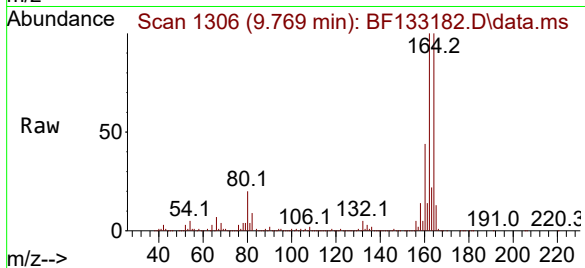
Tgt Ion:164 Resp: 448217

Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

160 44.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 128.636 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

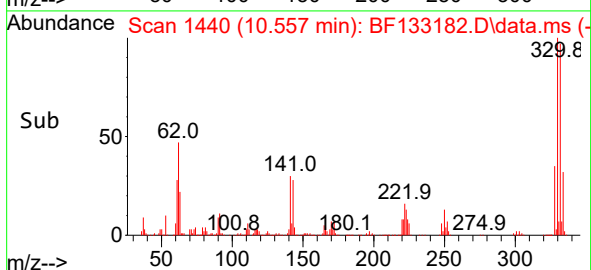
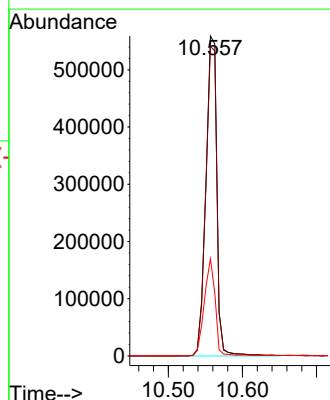
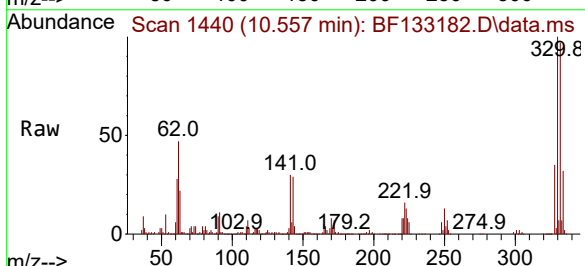
Tgt Ion:330 Resp: 579848

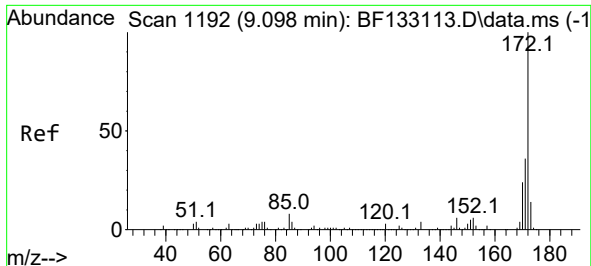
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 30.1 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 85.403 ng

RT: 9.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

Instrument :

BNA_F

ClientSampleId :

GMW-1

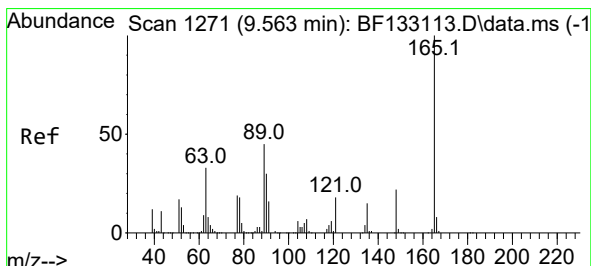
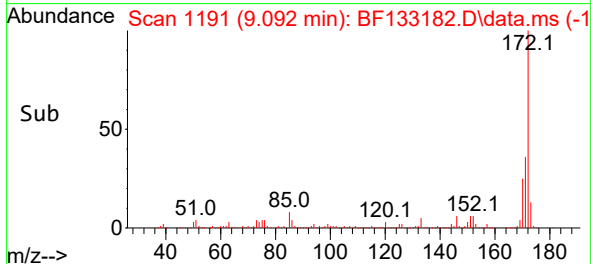
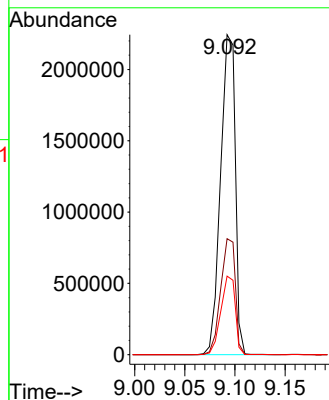
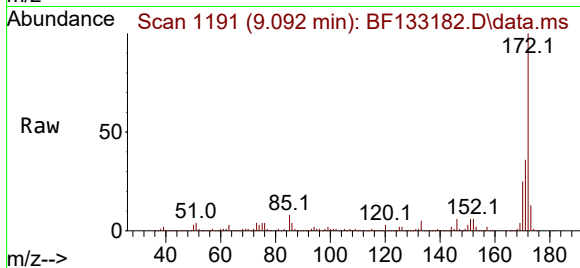
Tgt Ion:172 Resp: 2288051

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.6 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 8.498 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.212 min

Lab File: BF133182.D

Acq: 02 May 2023 11:39

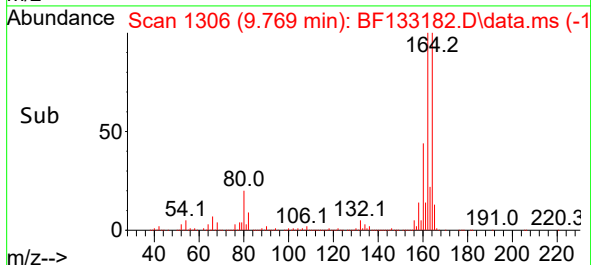
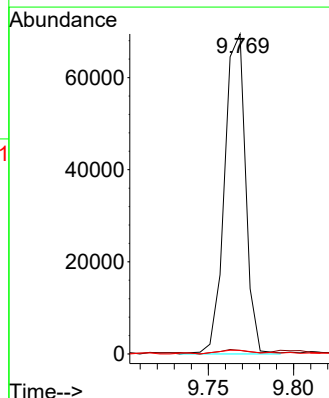
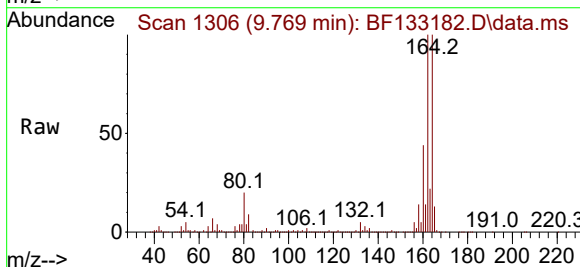
Tgt Ion:165 Resp: 59775

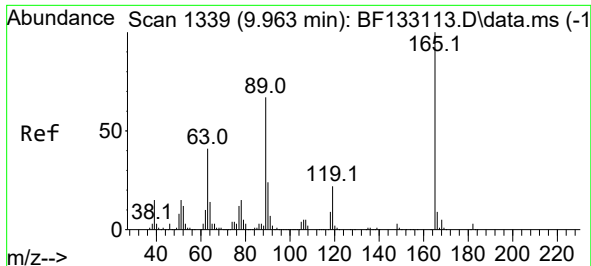
Ion Ratio Lower Upper

165 100

63 1.1 45.9 68.9#

89 1.2 44.0 66.0#

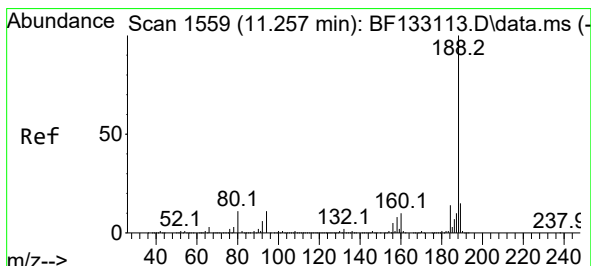
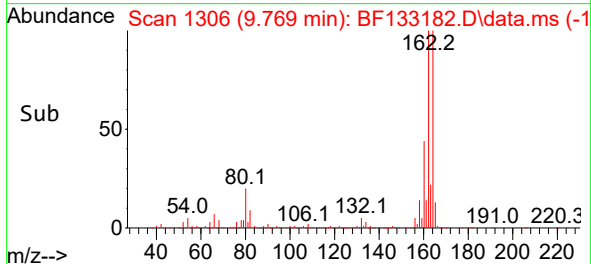
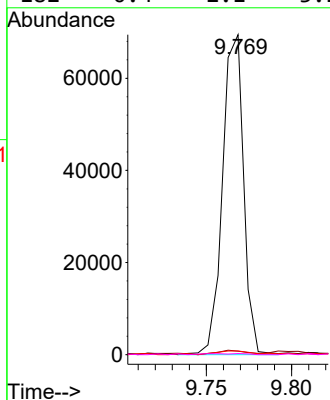
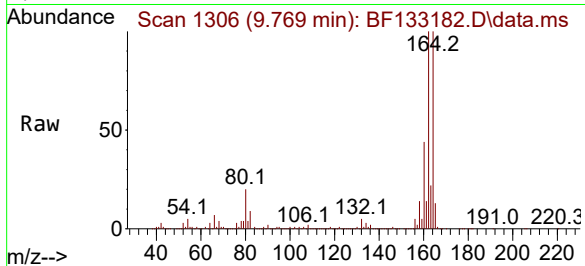




#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

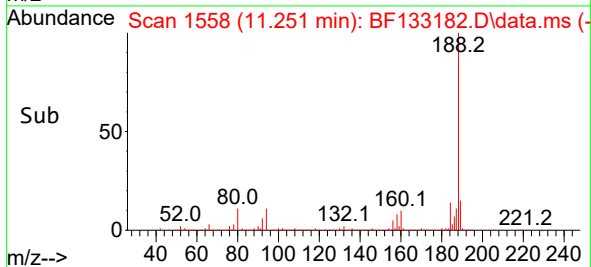
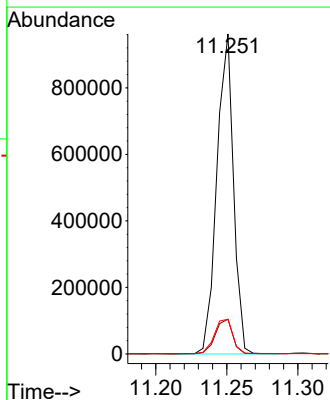
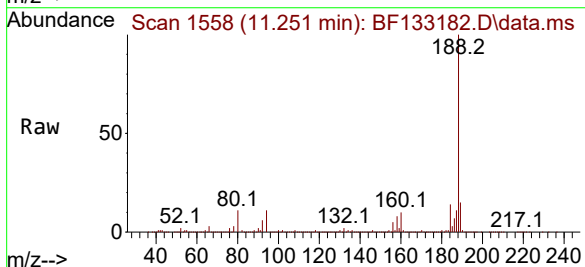
Instrument :
BNA_F
ClientSampleId :
GMW-1

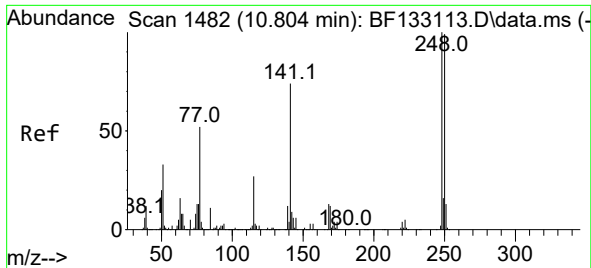
Tgt Ion:165 Resp: 59775
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion:188 Resp: 782429
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 10.8 10.4 15.6

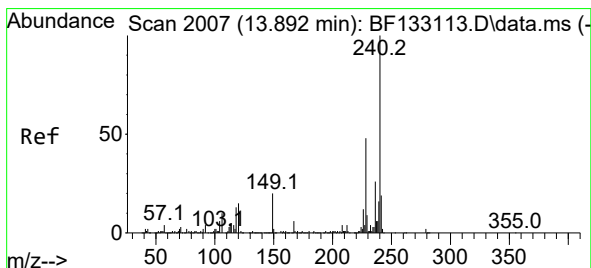
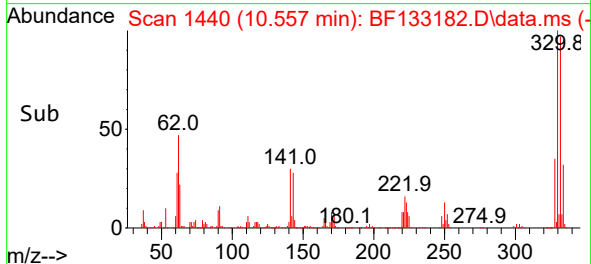
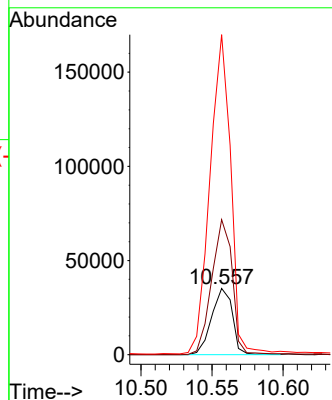
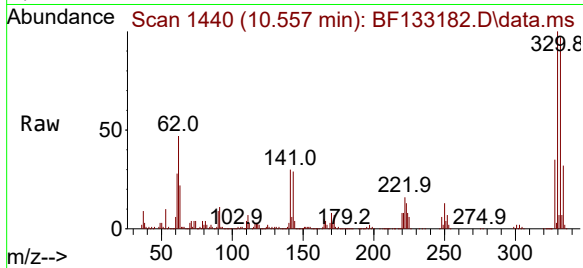




#67
4-Bromophenyl-phenylether
Concen: 4.229 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

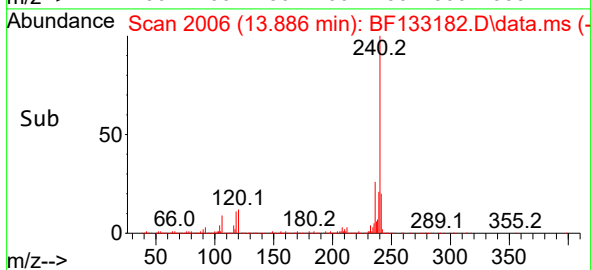
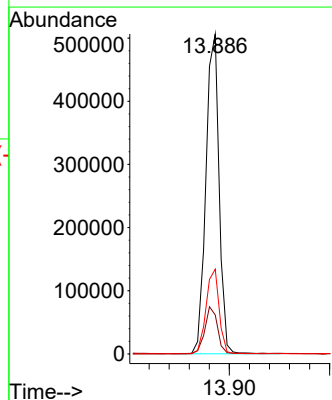
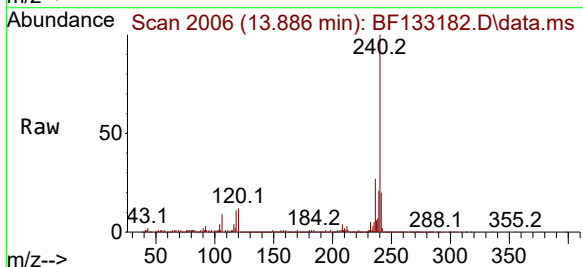
Instrument :
BNA_F
ClientSampleId :
GMW-1

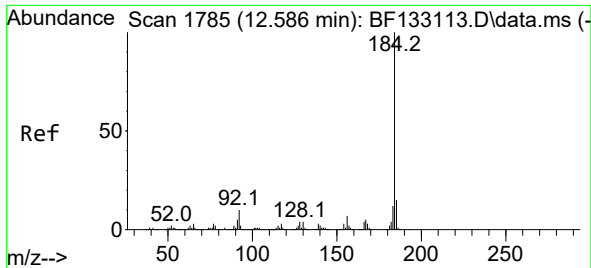
Tgt Ion:248 Resp: 35886
Ion Ratio Lower Upper
248 100
250 203.9 78.7 118.1#
141 483.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Tgt Ion:240 Resp: 465239
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 26.5 21.5 32.3

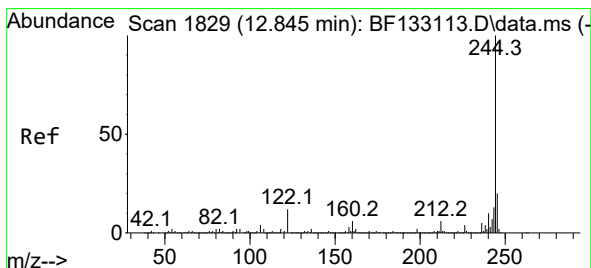
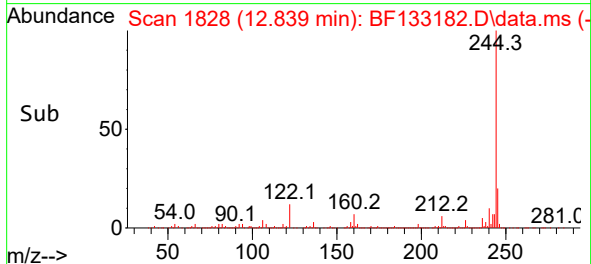
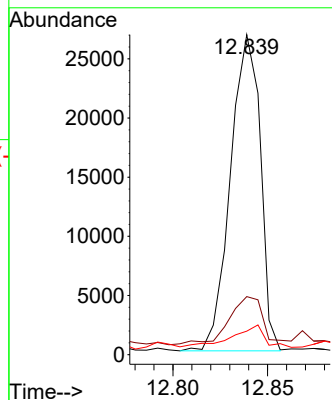
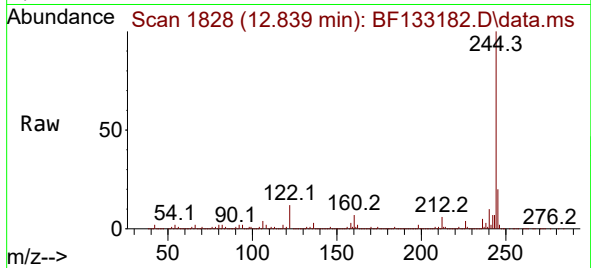




#77
Benzidine
Concen: 3.720 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

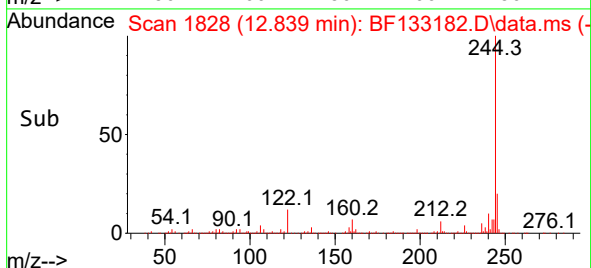
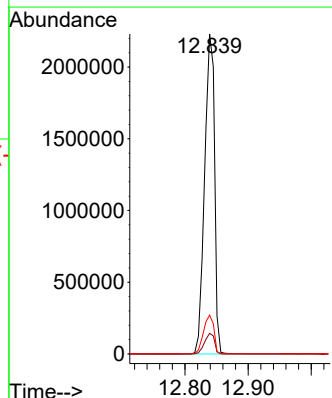
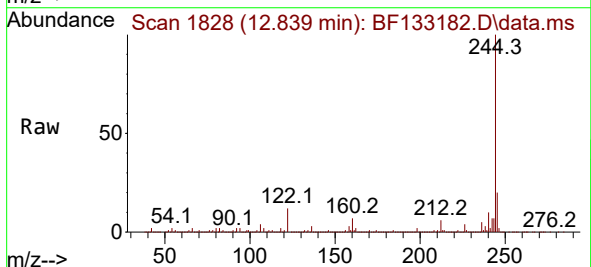
Instrument :
BNA_F
ClientSampleId :
GMW-1

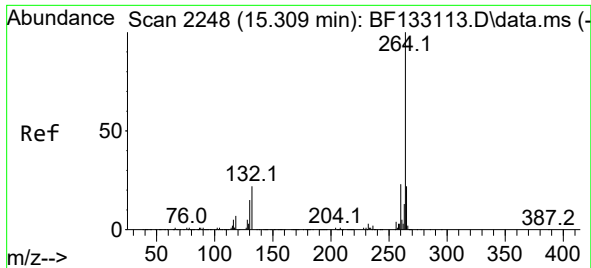
Tgt Ion:184 Resp: 29263
Ion Ratio Lower Upper
184 100
185 18.1 15.4 23.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.306 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

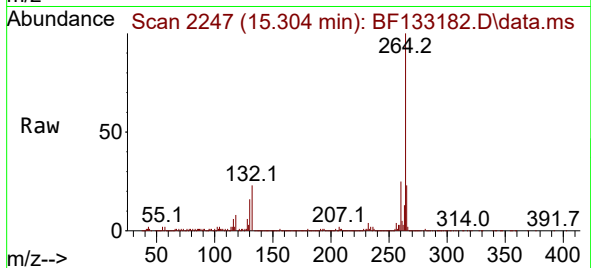
Tgt Ion:244 Resp: 2436044
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133182.D
Acq: 02 May 2023 11:39

Instrument :
BNA_F
ClientSampleId :
GMW-1



Tgt Ion:264 Resp: 390223

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	22.6	17.0	25.4

