

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133183.D
 Acq On : 02 May 2023 12:11
 Operator : CG\JU
 Sample : 02521-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-10

Quant Time: May 03 06:17:59 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)

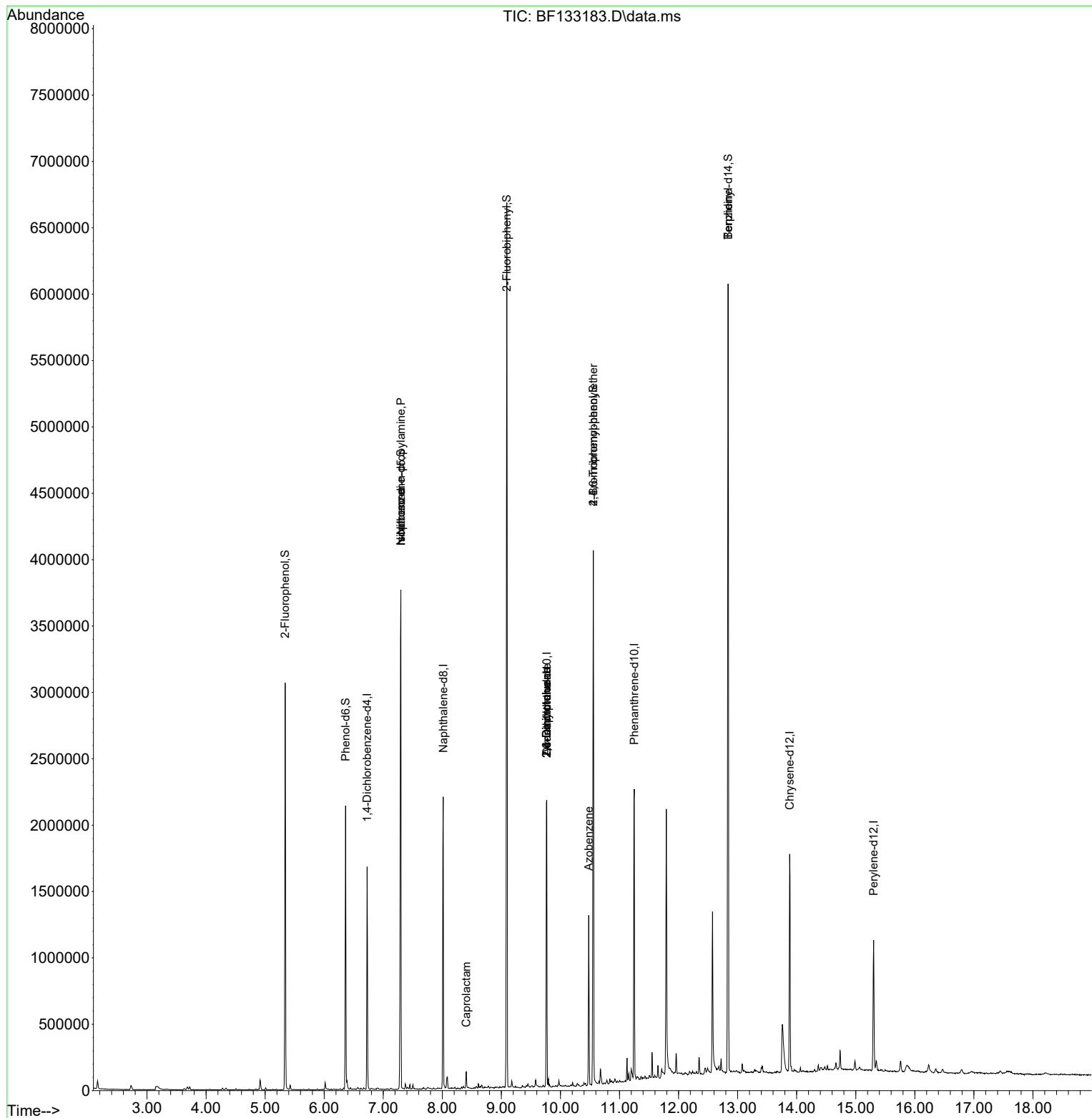
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	222157	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	884085	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	465386	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	807304	20.000	ng	0.00
76) Chrysene-d12	13.880	240	532323	20.000	ng	-0.01
86) Perylene-d12	15.304	264	408265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	800652	54.442	ng	0.00
7) Phenol-d6	6.363	99	614294	33.653	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1226039	74.854	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	529655	113.166	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2090898	75.165	ng	0.00
79) Terphenyl-d14	12.839	244	2345841	76.003	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	1439	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.298	70	163616	14.398	ng	# 75
25) Isophorone	7.298	82	1221916	39.292	ng	# 63
35) Caprolactam	8.404	113	13565	3.231	ng	96
50) Dimethylphthalate	9.769	163	95671	2.948	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	59518	8.149	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	59518	6.390	ng	# 23
63) Azobenzene	10.480	77	195457	6.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	33090	3.779	ng	# 1
77) Benzidine	12.839	184	27996	3.110	ng	# 92

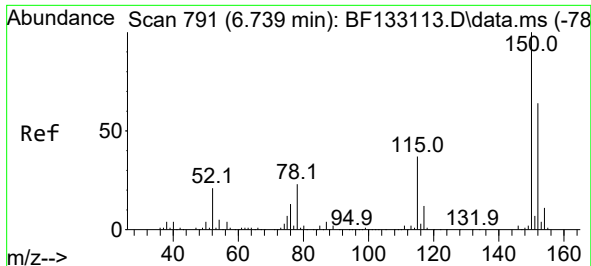
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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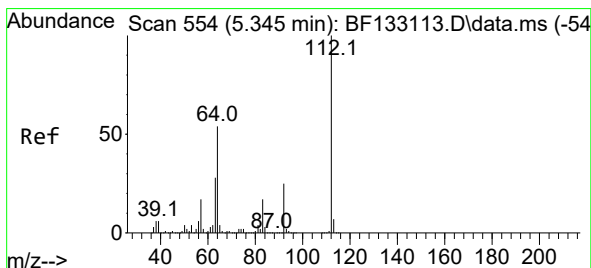
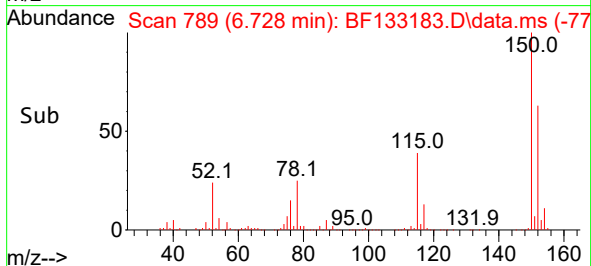
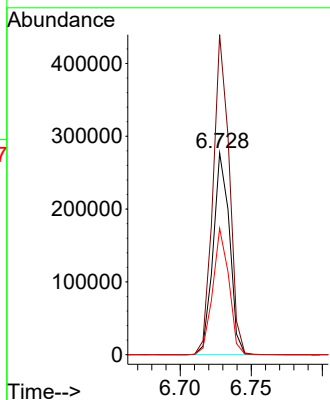
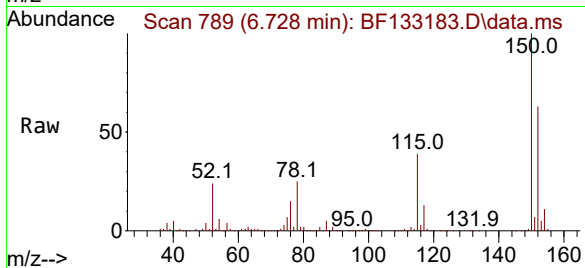




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

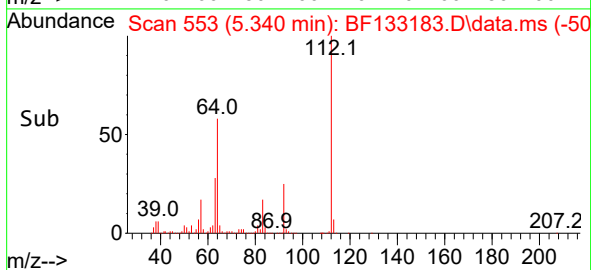
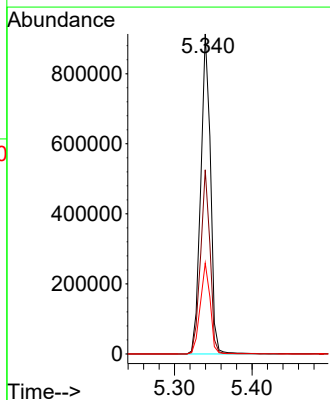
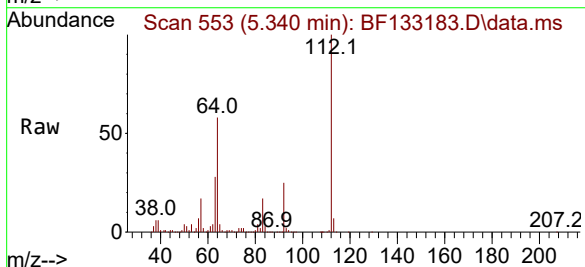
Instrument :
BNA_F
ClientSampleId :
GMW-10

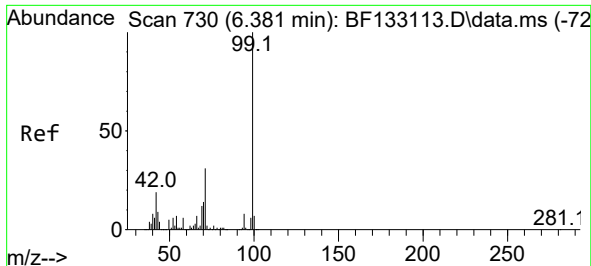
Tgt Ion:152 Resp: 222157
Ion Ratio Lower Upper
152 100
150 158.6 124.8 187.2
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 54.442 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion:112 Resp: 800652
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 28.4 23.8 35.8

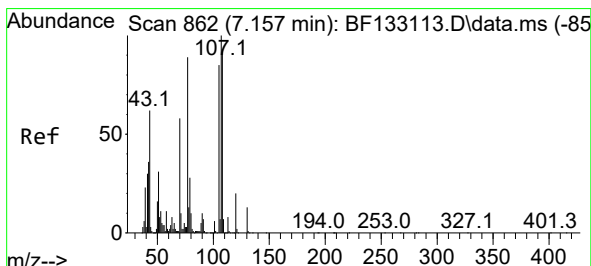
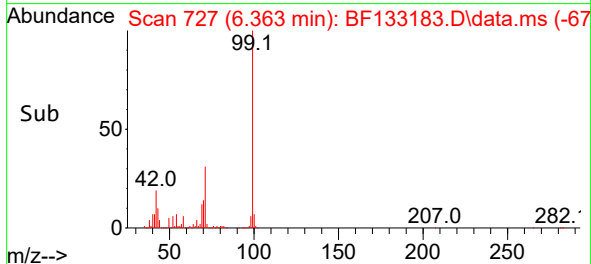
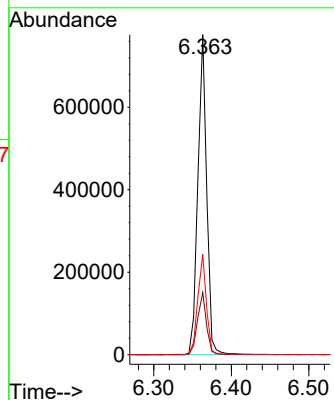
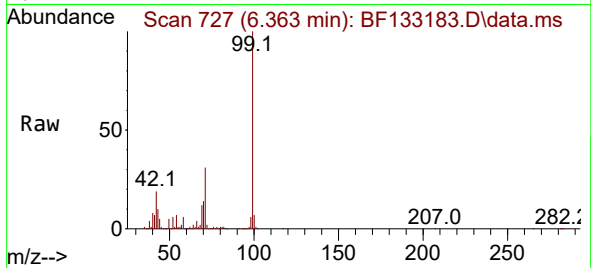




#7
Phenol-d6
Concen: 33.653 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

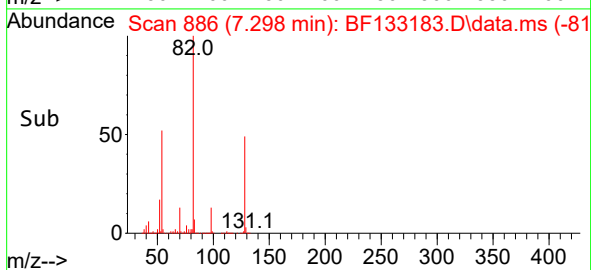
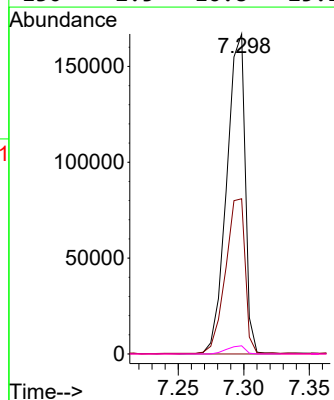
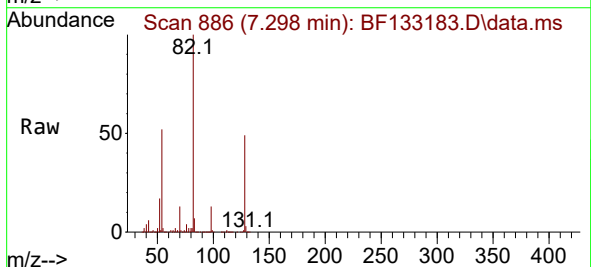
Instrument :
BNA_F
ClientSampleId :
GMW-10

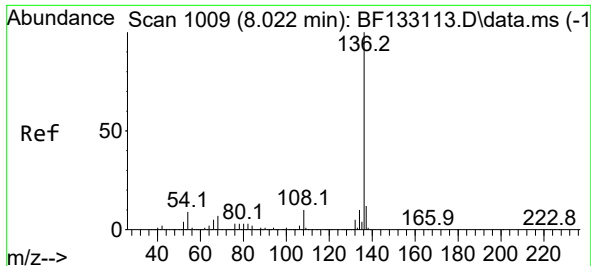
Tgt Ion: 99 Resp: 614294
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.398 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion: 70 Resp: 163616
Ion Ratio Lower Upper
70 100
42 48.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

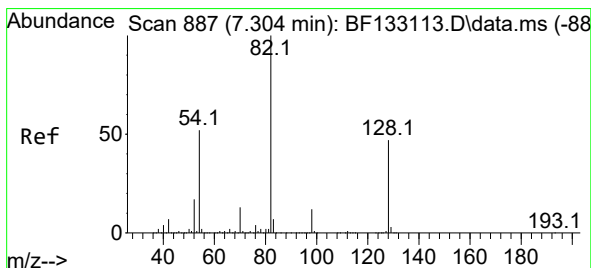
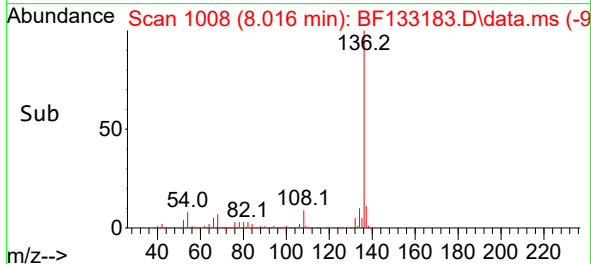
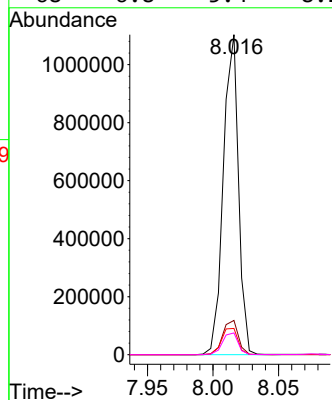
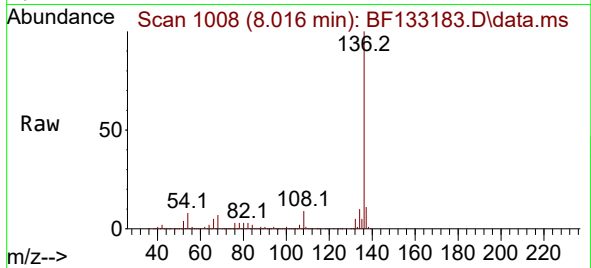




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

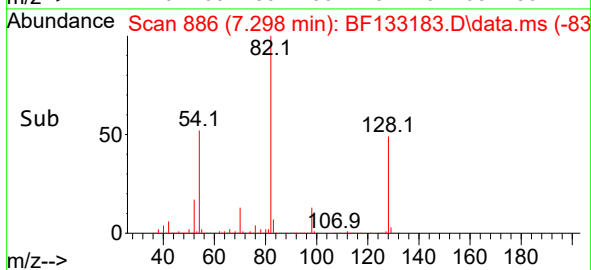
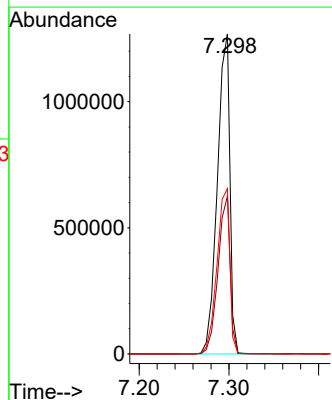
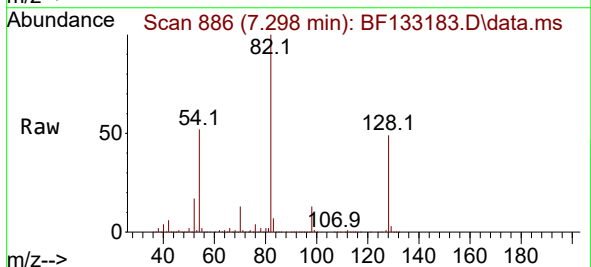
Instrument :
BNA_F
ClientSampleId :
GMW-10

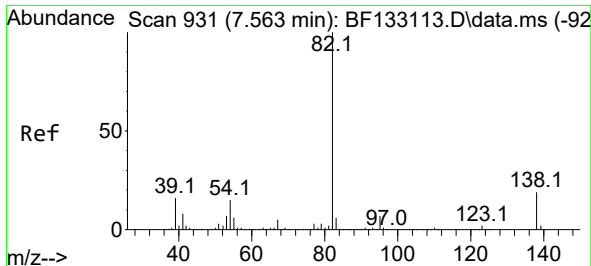
Tgt Ion:136 Resp: 884085
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.0 10.4
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 74.854 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion: 82 Resp: 1226039
Ion Ratio Lower Upper
82 100
128 49.3 37.7 56.5
54 51.7 43.0 64.4

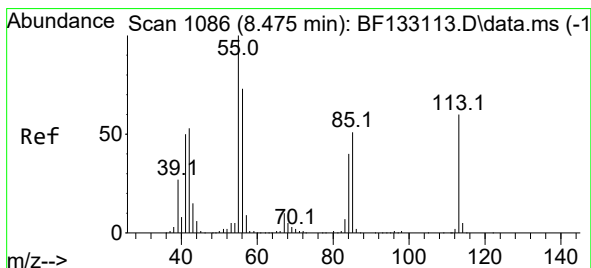
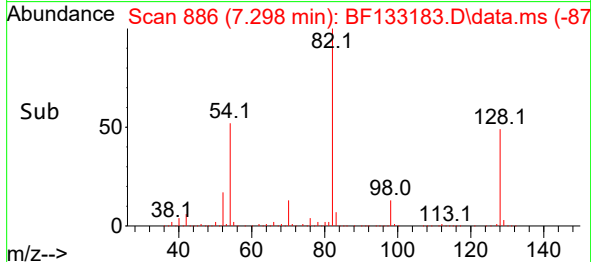
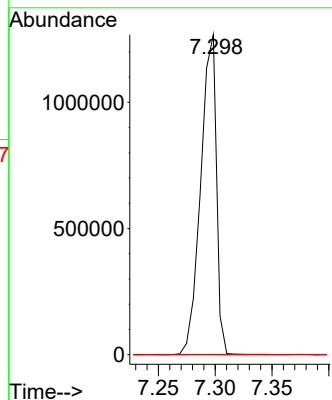
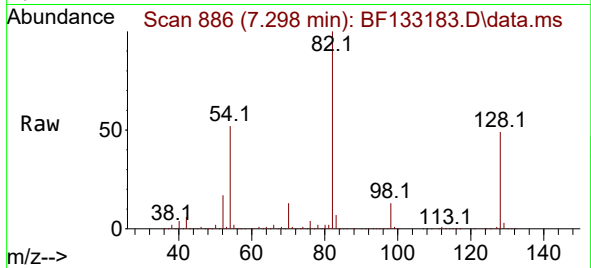




#25
Isophorone
Concen: 39.292 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

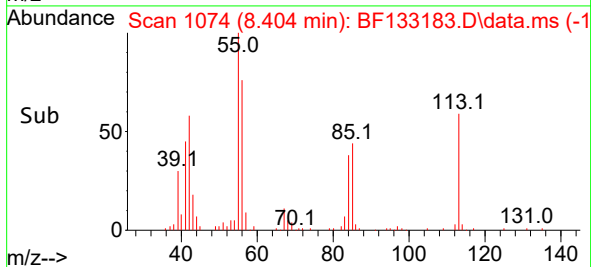
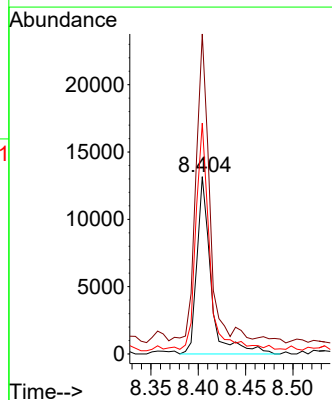
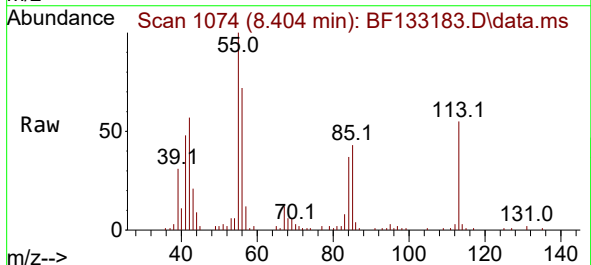
Instrument :
BNA_F
ClientSampleId :
GMW-10

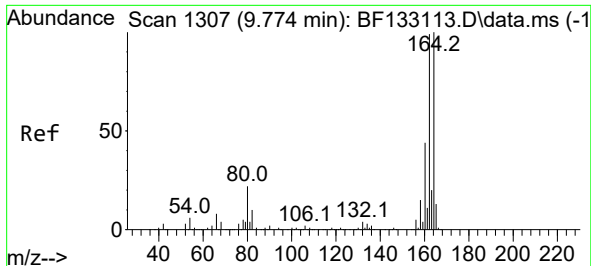
Tgt Ion: 82 Resp: 1221916
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#35
Caprolactam
Concen: 3.231 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.065 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion: 113 Resp: 13565
Ion Ratio Lower Upper
113 100
55 180.5 167.1 207.1
56 130.2 114.5 154.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

Instrument :

BNA_F

ClientSampleId :

GMW-10

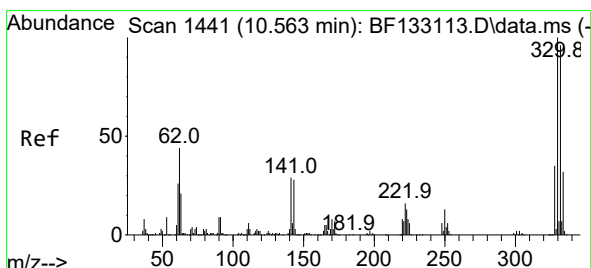
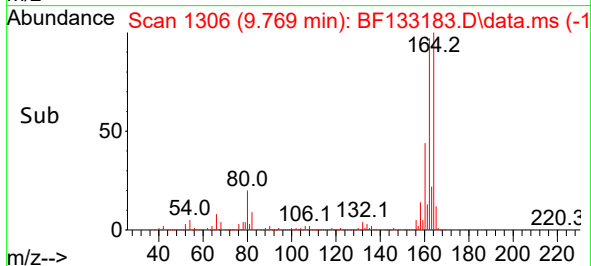
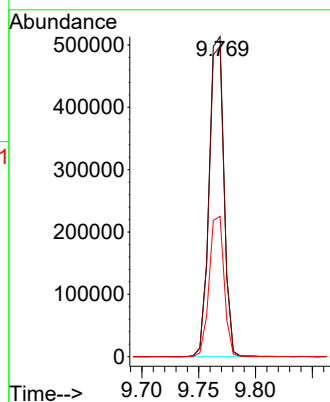
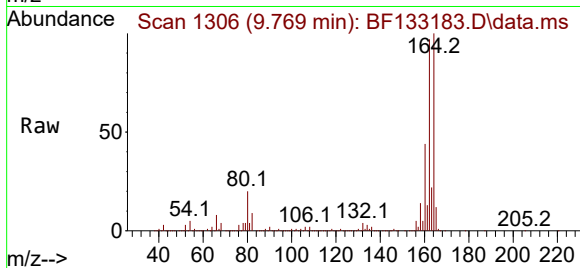
Tgt Ion:164 Resp: 465386

Ion Ratio Lower Upper

164 100

162 97.0 78.7 118.1

160 43.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 113.166 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

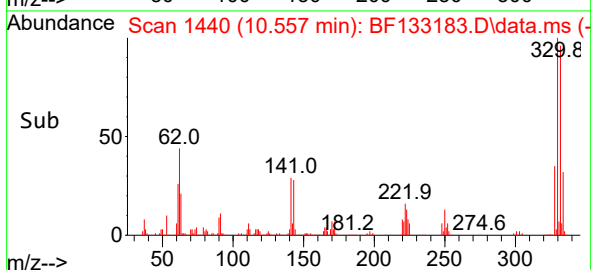
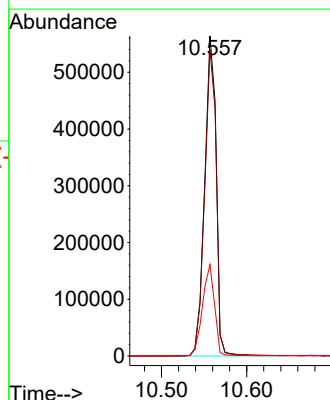
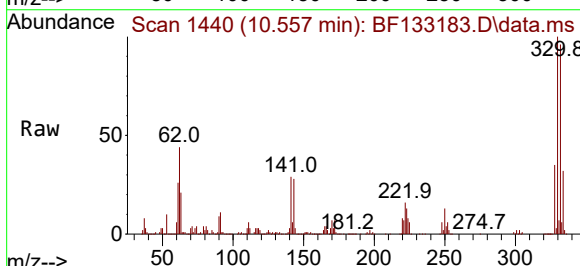
Tgt Ion:330 Resp: 529655

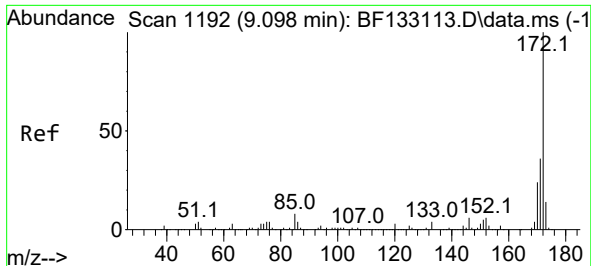
Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.8 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 75.165 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

Instrument :

BNA_F

ClientSampleId :

GMW-10

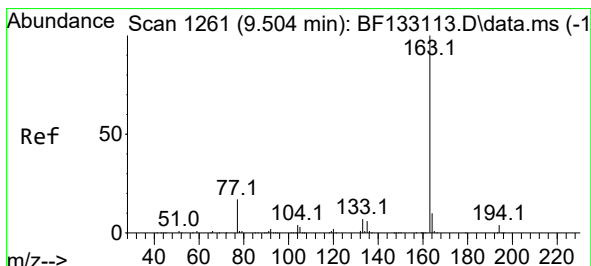
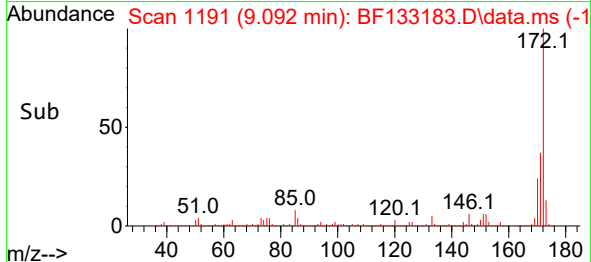
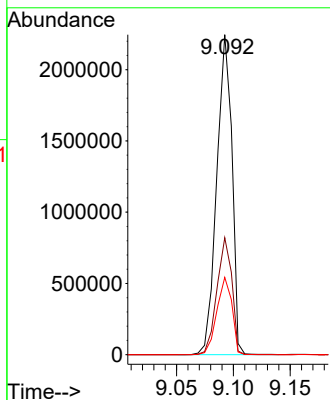
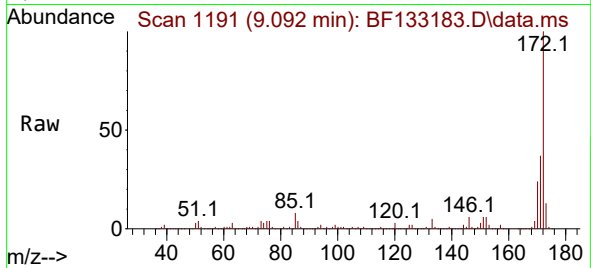
Tgt Ion:172 Resp: 2090898

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.1 19.4 29.2



#50

Dimethylphthalate

Concen: 2.948 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.271 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

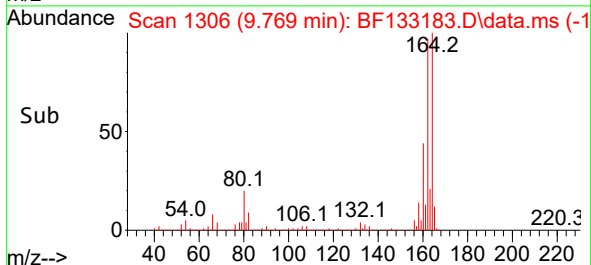
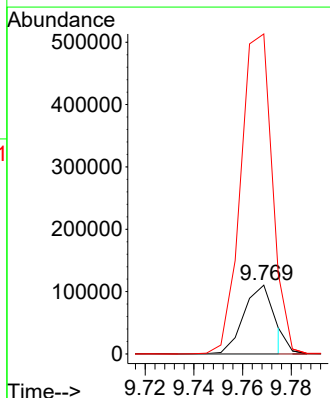
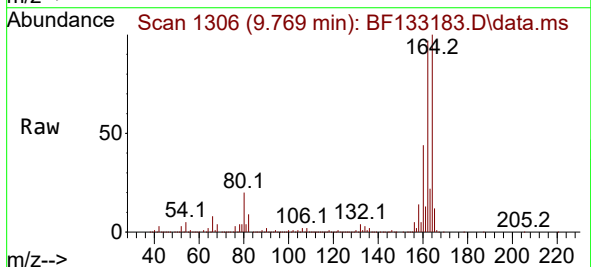
Tgt Ion:163 Resp: 95671

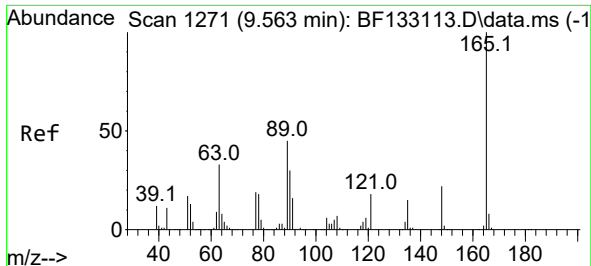
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 464.6 8.5 12.7#





#51

2,6-Dinitrotoluene

Concen: 8.149 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

Instrument :

BNA_F

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GMW-10

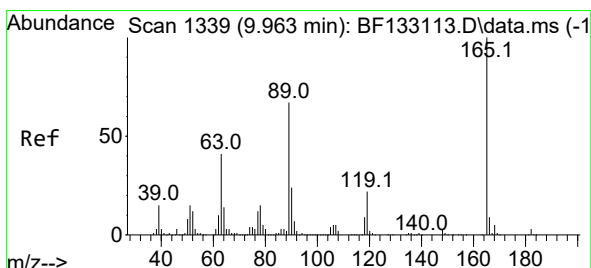
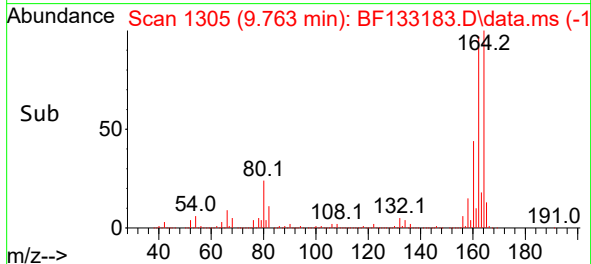
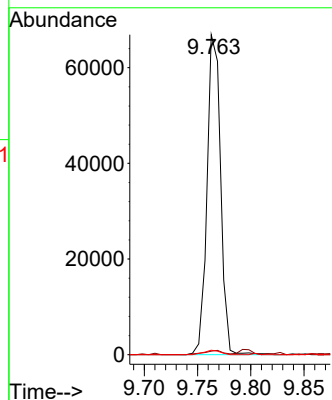
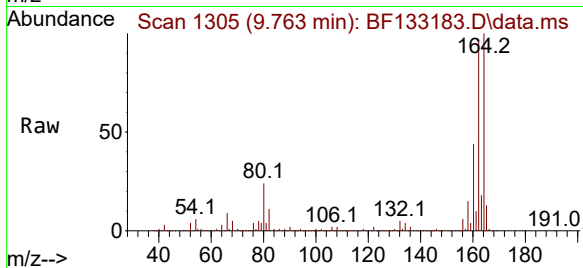
Tgt Ion:165 Resp: 59518

Ion Ratio Lower Upper

165 100

63 1.1 45.9 68.9#

89 1.4 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.390 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.200 min

Lab File: BF133183.D

Acq: 02 May 2023 12:11

Tgt Ion:165 Resp: 59518

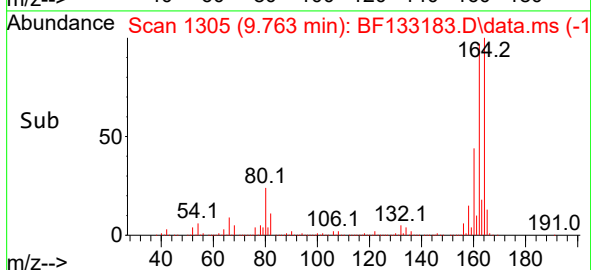
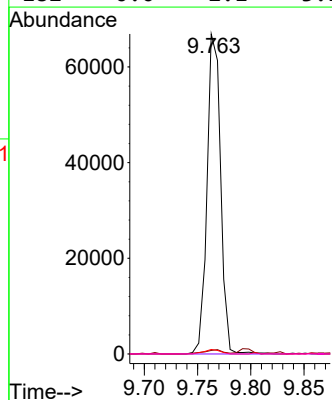
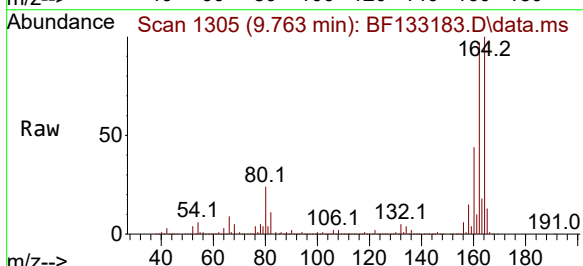
Ion Ratio Lower Upper

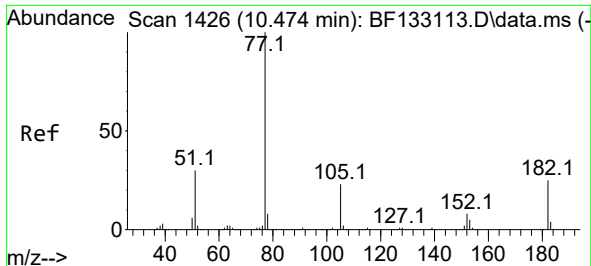
165 100

63 1.1 37.7 56.5#

89 1.4 57.0 85.4#

182 0.0 2.1 3.1#

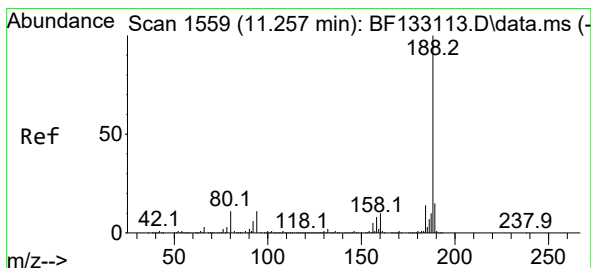
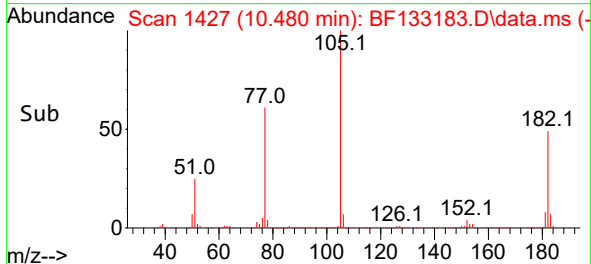
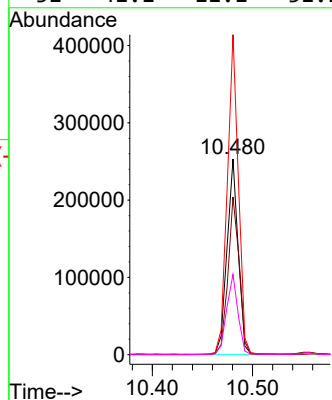
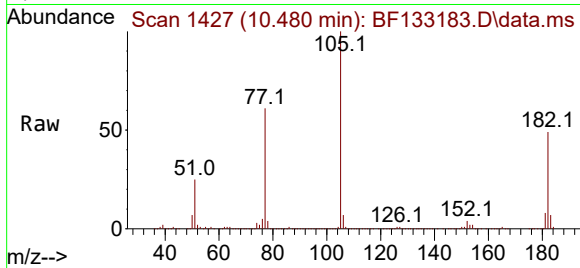




#63
Azobenzene
Concen: 6.020 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

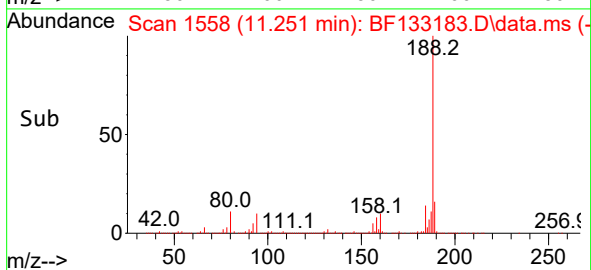
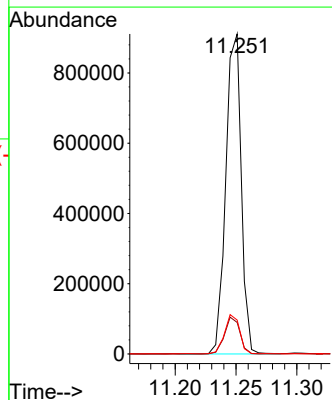
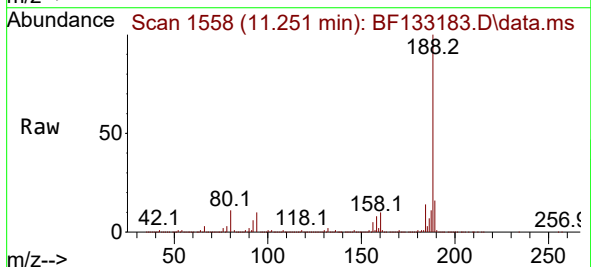
Instrument :
BNA_F
ClientSampleId :
GMW-10

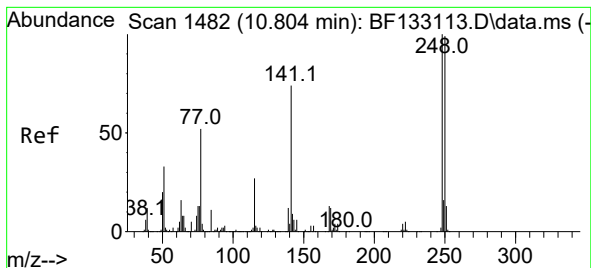
Tgt Ion: 77 Resp: 195457
Ion Ratio Lower Upper
77 100
182 80.7 5.9 45.9#
105 163.6 2.3 42.3#
51 41.1 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion:188 Resp: 807304
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.6 10.4 15.6

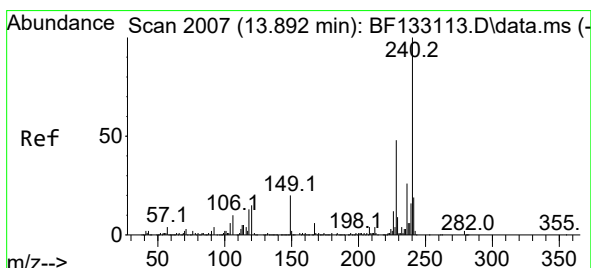
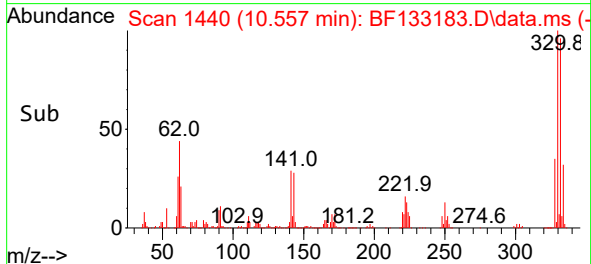
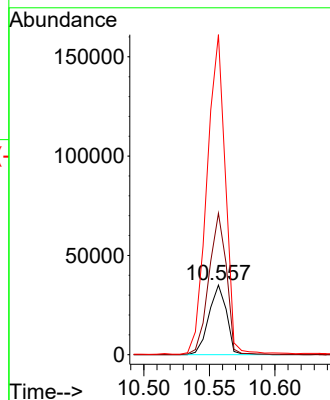
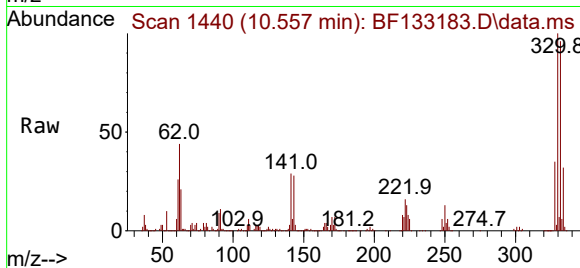




#67
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

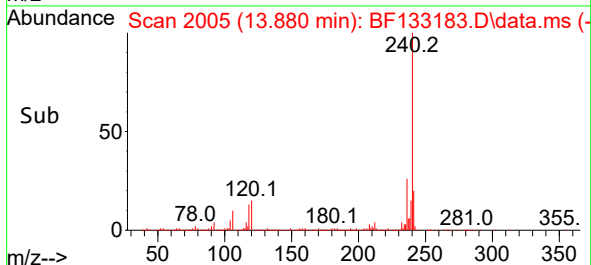
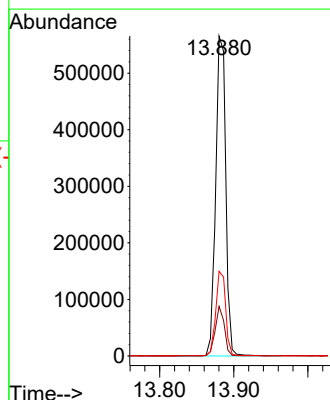
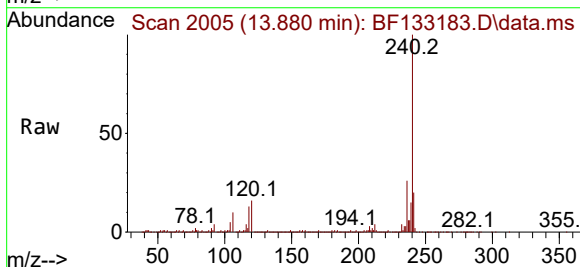
Instrument :
BNA_F
ClientSampleId :
GMW-10

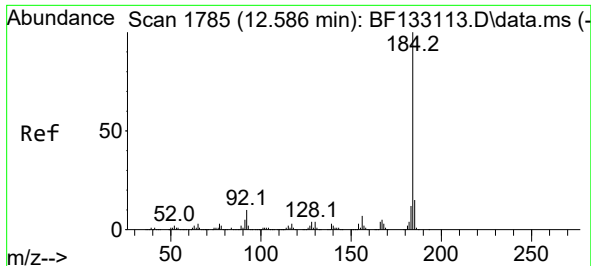
Tgt Ion:248 Resp: 33090
Ion Ratio Lower Upper
248 100
250 203.2 78.7 118.1#
141 459.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Tgt Ion:240 Resp: 532323
Ion Ratio Lower Upper
240 100
120 15.5 10.5 15.7
236 26.5 21.5 32.3

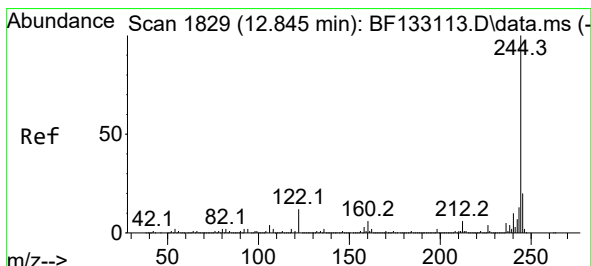
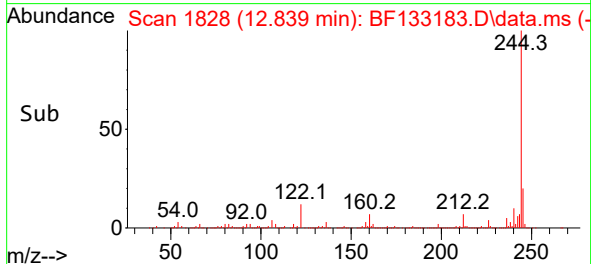
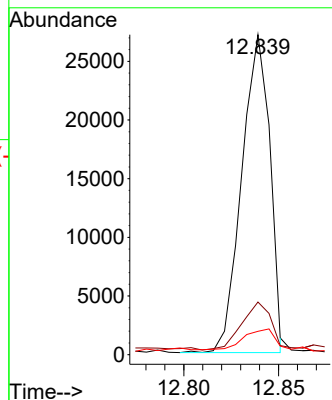
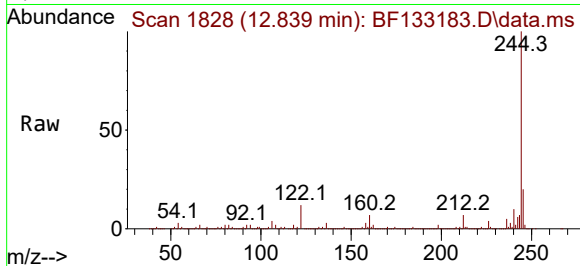




#77
Benzidine
Concen: 3.110 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

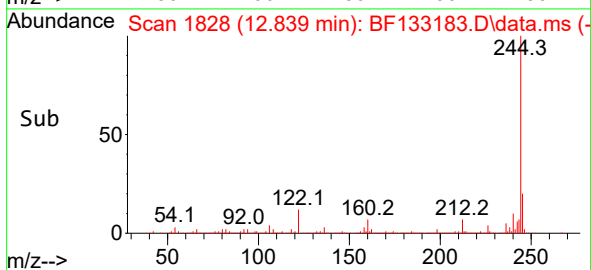
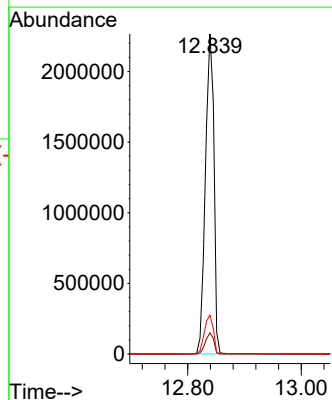
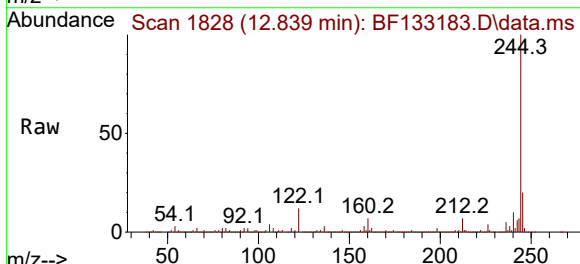
Instrument :
BNA_F
ClientSampleId :
GMW-10

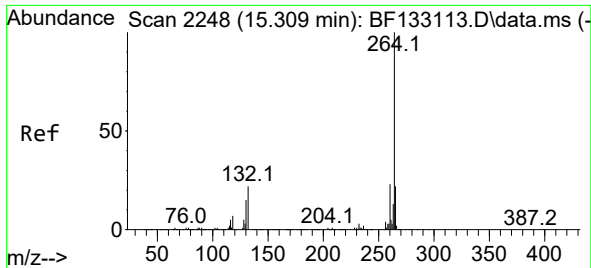
Tgt Ion:184 Resp: 27996
Ion Ratio Lower Upper
184 100
185 16.5 15.4 23.2
183 7.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 76.003 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

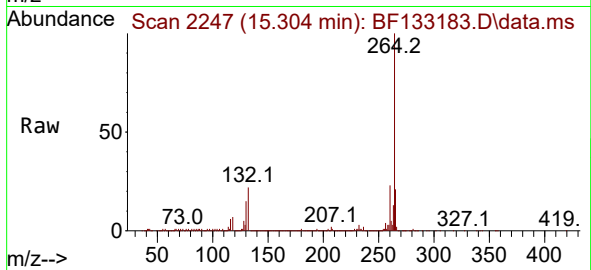
Tgt Ion:244 Resp: 2345841
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133183.D
Acq: 02 May 2023 12:11

Instrument :
BNA_F
ClientSampleId :
GMW-10



Tgt Ion:264 Resp: 408265

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.4	17.0	25.4

