

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133176.D
 Acq On : 02 May 2023 01:56
 Operator : CG\JU
 Sample : 02522-15DL2 40X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: May 02 05:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

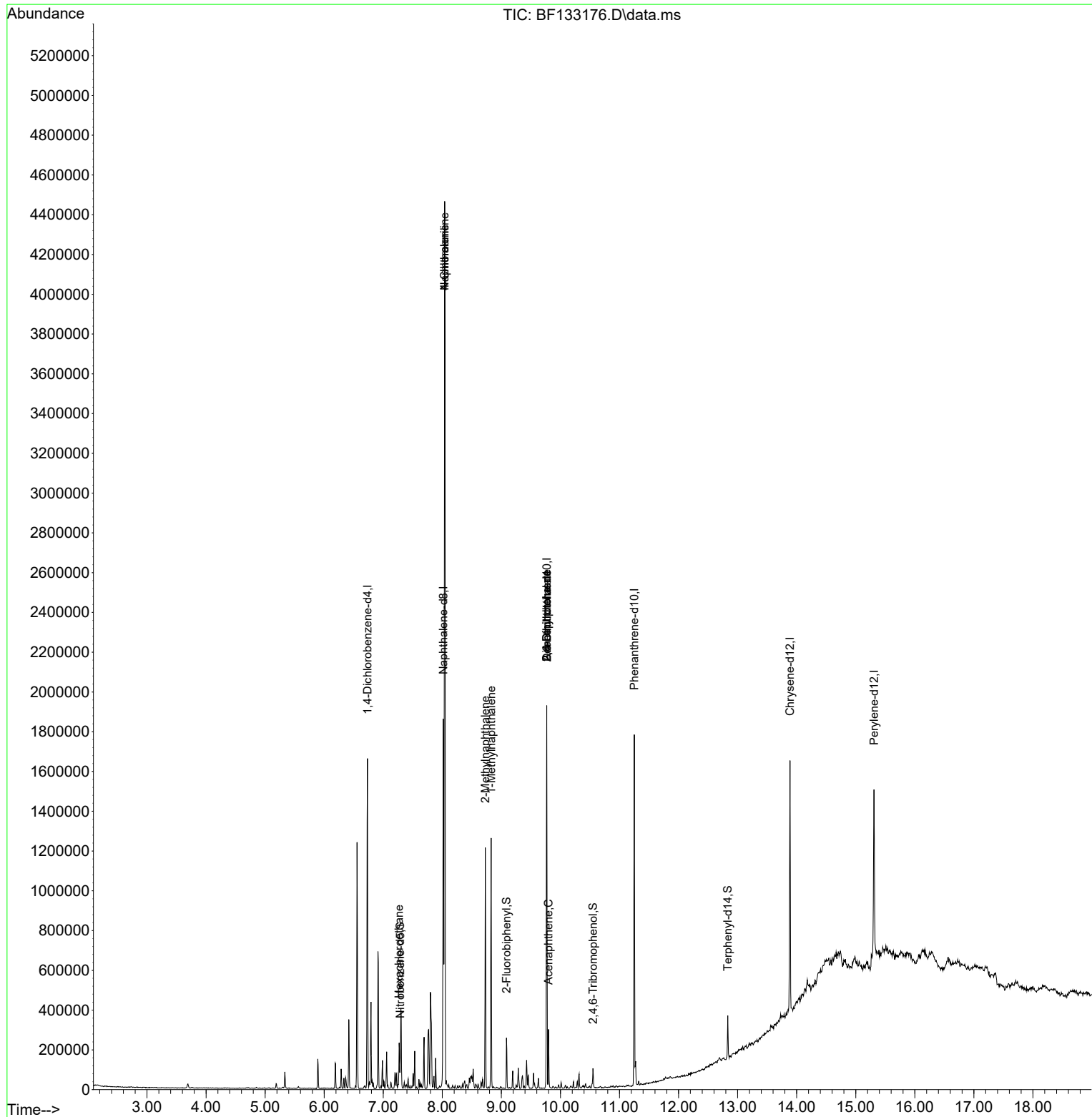
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	235607	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	793919	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	353175	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	586940	20.000	ng	0.00
76) Chrysene-d12	13.886	240	385764	20.000	ng	0.00
86) Perylene-d12	15.310	264	335351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	22126	1.419	ng	0.00
7) Phenol-d6	6.363	99	17180	0.887	ng	-0.01
23) Nitrobenzene-d5	7.287	82	33839	2.301	ng	-0.02
42) 2,4,6-Tribromophenol	10.551	330	10027	2.823	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	67528	3.199	ng	-0.01
79) Terphenyl-d14	12.833	244	65139	2.912	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.287	77	3785	Below Cal	#	1
18) Hexachloroethane	7.269	117	13687	2.333	ng	# 1
31) Naphthalene	8.039	128	1941714	48.918	ng	99
33) 4-Chloroaniline	8.039	127	257988	16.086	ng	# 33
37) 2-Methylnaphthalene	8.728	142	281945	10.390	ng	99
38) 1-Methylnaphthalene	8.828	142	289655	11.410	ng	100
50) Dimethylphthalate	9.769	163	73783	2.996	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	47653	8.597	ng	# 25
52) Acenaphthene	9.798	154	54758	2.496	ng	97
57) 2,4-Dinitrotoluene	9.769	165	47653	6.742	ng	# 23

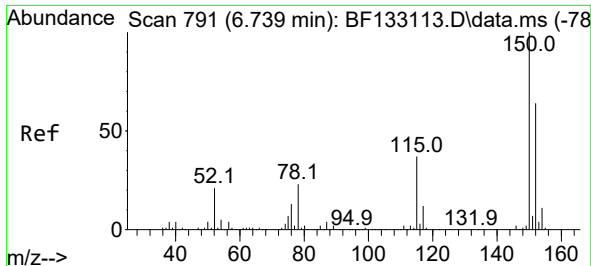
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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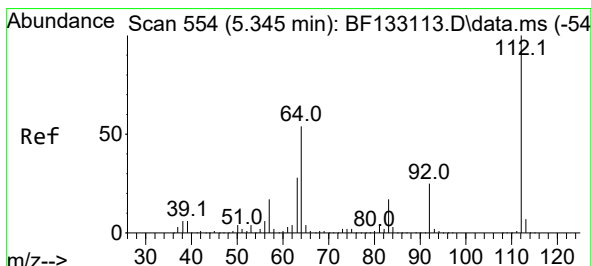
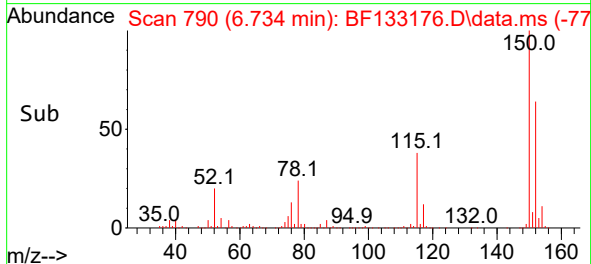
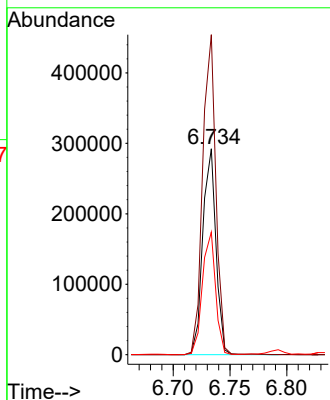
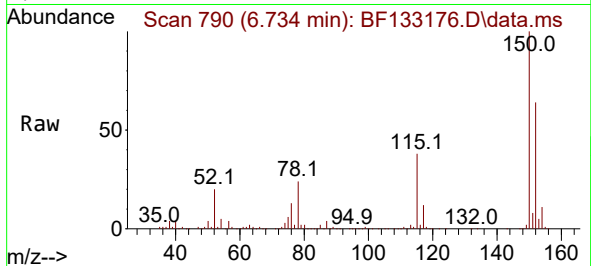




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. 0.001 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

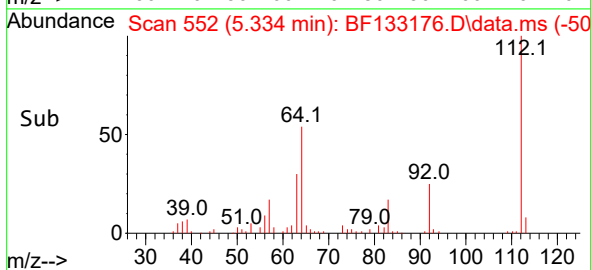
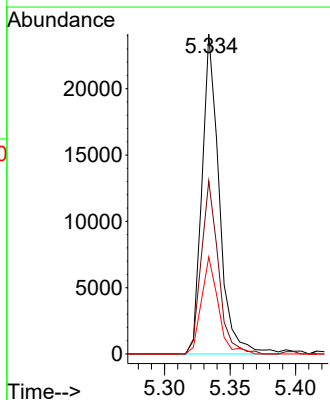
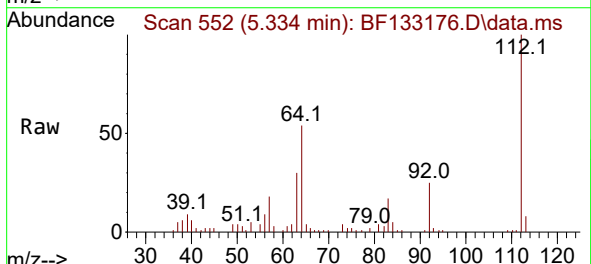
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

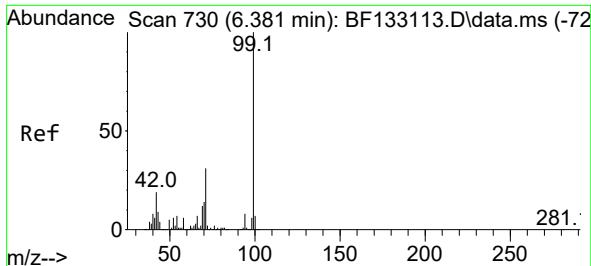
Tgt Ion:152 Resp: 235607
Ion Ratio Lower Upper
152 100
150 155.4 124.8 187.2
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 1.419 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:112 Resp: 22126
Ion Ratio Lower Upper
112 100
64 54.1 46.8 70.2
63 30.3 23.8 35.8

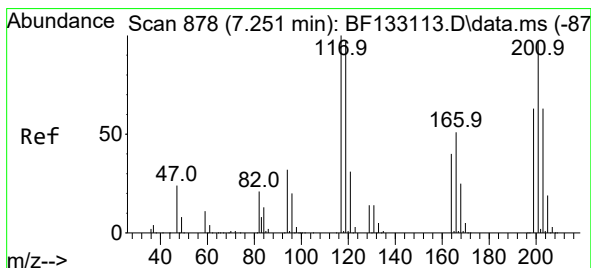
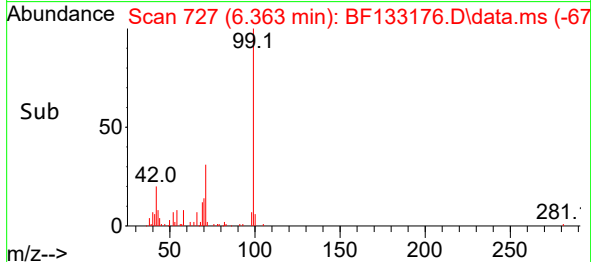
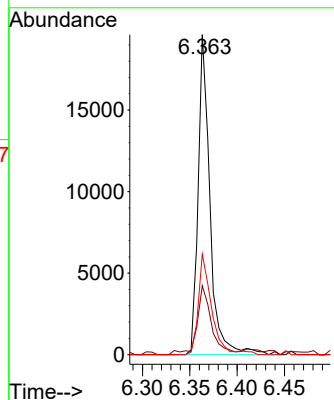
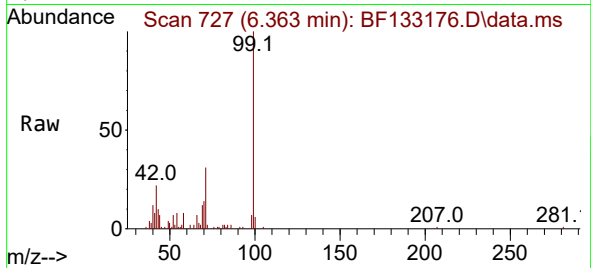




#7
Phenol-d6
Concen: 0.887 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

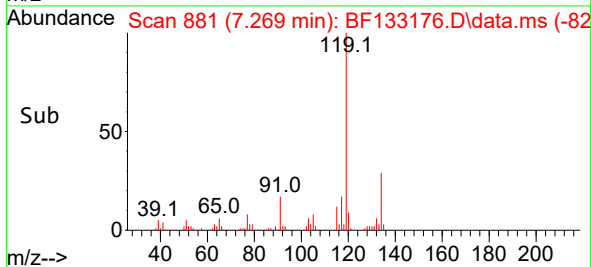
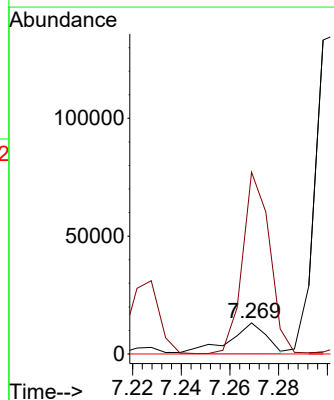
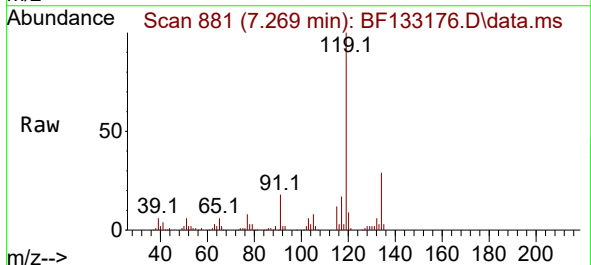
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

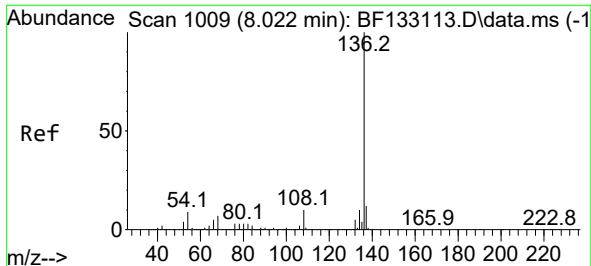
Tgt Ion: 99 Resp: 17180
Ion Ratio Lower Upper
99 100
42 21.6 16.3 24.5
71 31.5 25.6 38.4



#18
Hexachloroethane
Concen: 2.333 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.024 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion: 117 Resp: 13687
Ion Ratio Lower Upper
117 100
119 584.7 78.2 117.4#
201 0.0 81.7 122.5#



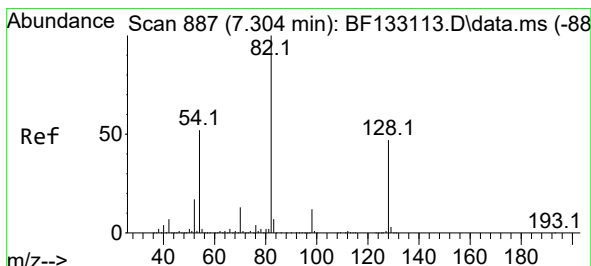
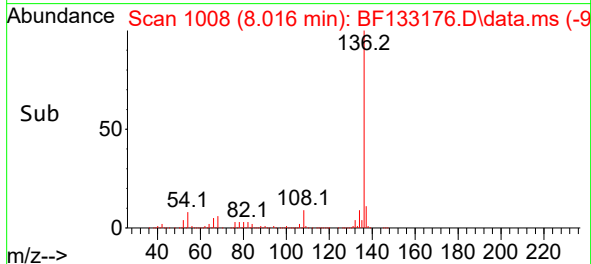
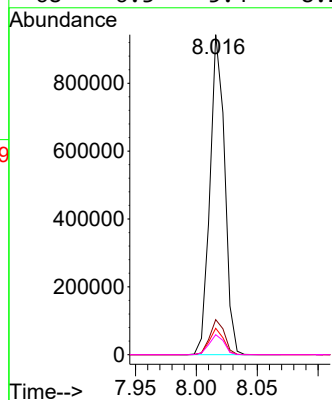
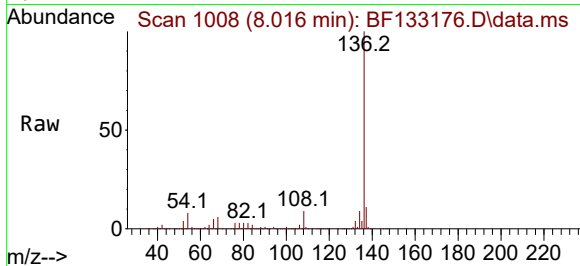


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Instrument :
BNA_F
ClientSampleId :
MW-14DL2

Tgt Ion:136 Resp: 793919

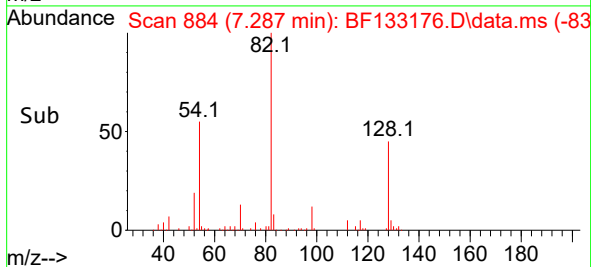
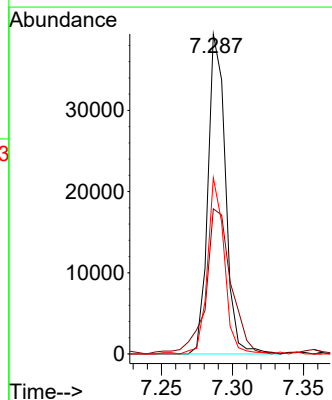
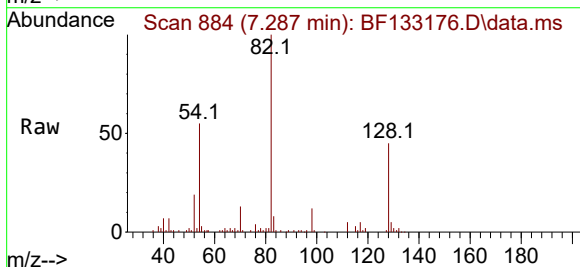
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	7.0	10.4
68	6.3	5.4	8.2

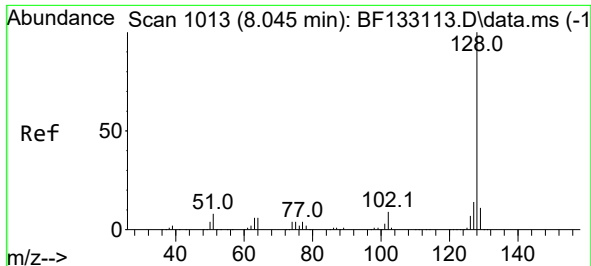


#23
Nitrobenzene-d5
Concen: 2.301 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion: 82 Resp: 33839

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	55.1	43.0	64.4

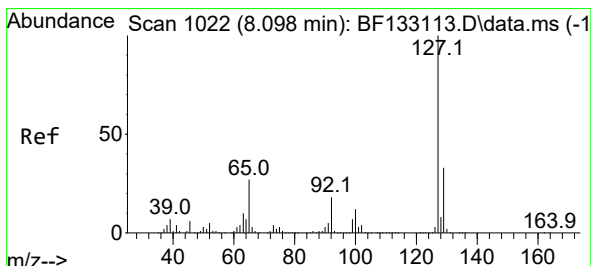
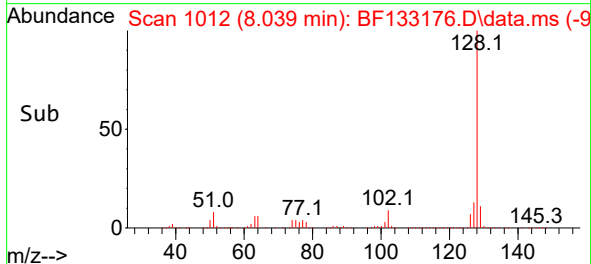
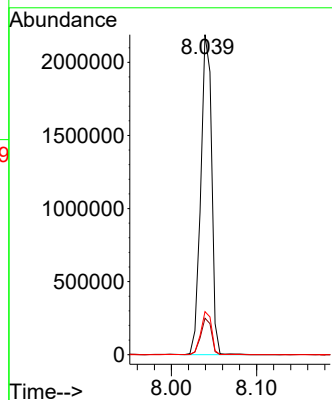
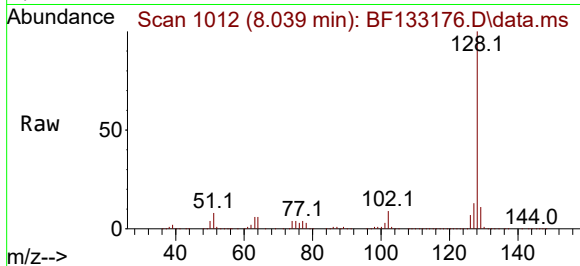




#31
Naphthalene
Concen: 48.918 ng
RT: 8.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

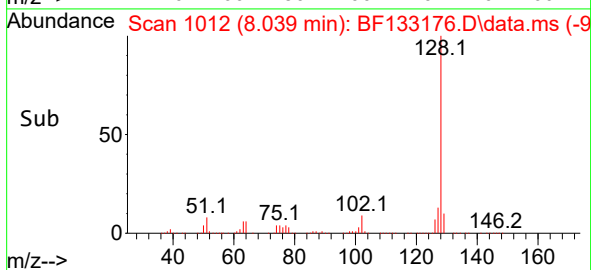
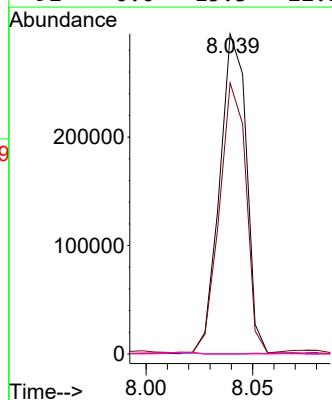
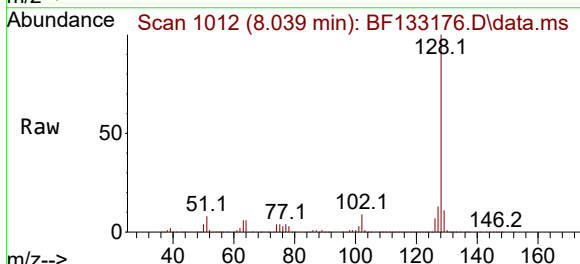
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

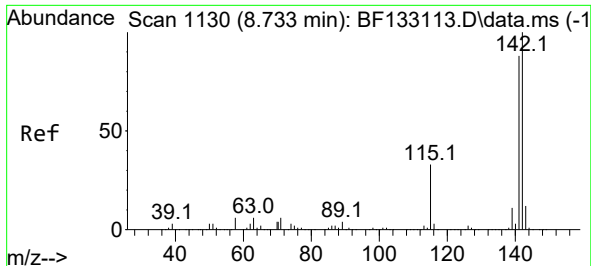
Tgt Ion:128 Resp: 1941714
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.7 16.1



#33
4-Chloroaniline
Concen: 16.086 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.053 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:127 Resp: 257988
Ion Ratio Lower Upper
127 100
129 84.7 25.8 38.8#
65 0.0 23.6 35.4#
92 0.0 15.3 22.9#

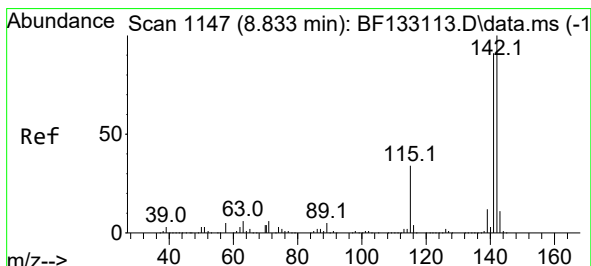
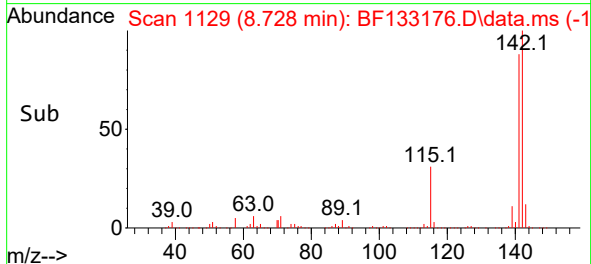
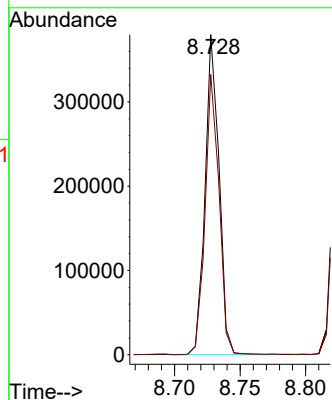
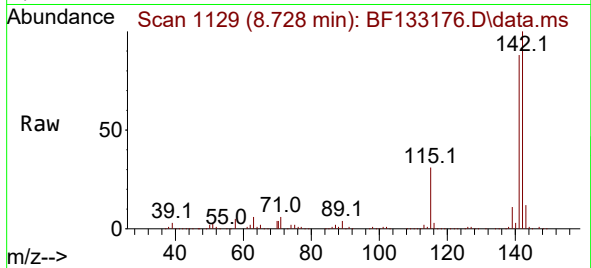




#37
2-Methylnaphthalene
Concen: 10.390 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

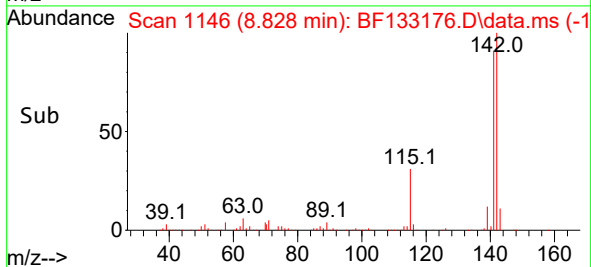
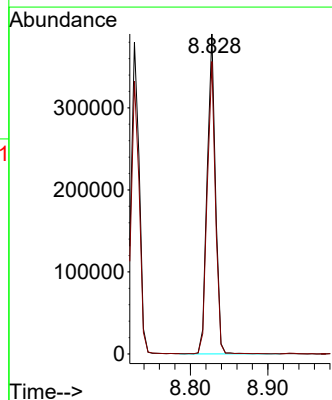
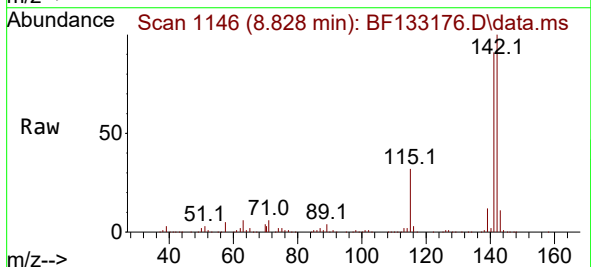
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

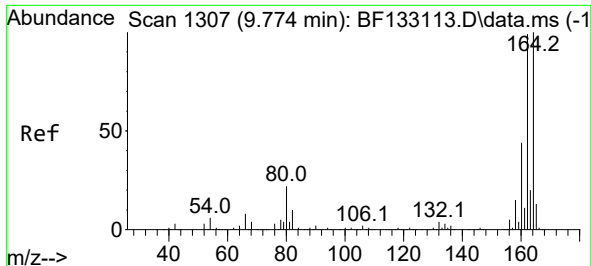
Tgt Ion:142 Resp: 281945
Ion Ratio Lower Upper
142 100
141 87.5 69.4 104.0



#38
1-Methylnaphthalene
Concen: 11.410 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:142 Resp: 289655
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

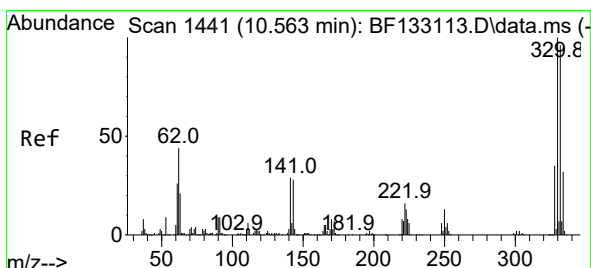
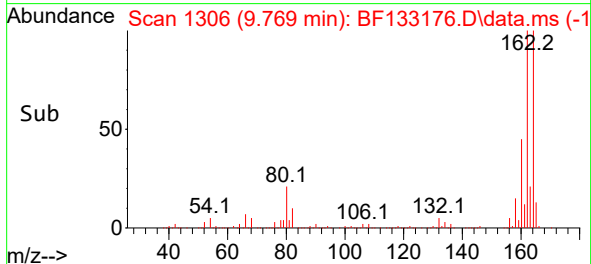
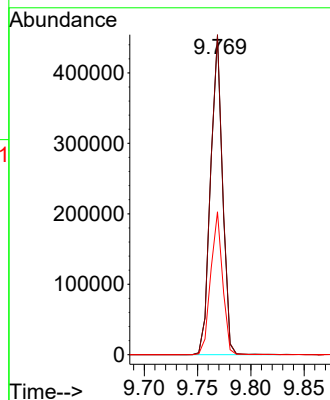
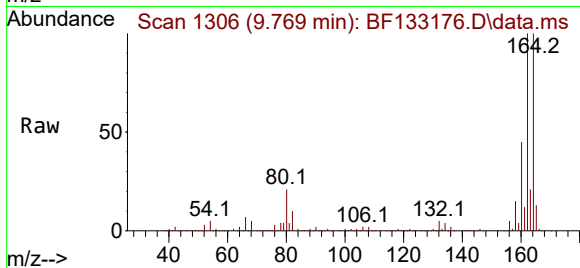
Tgt Ion:164 Resp: 353175

Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

160 44.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 2.823 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.012 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

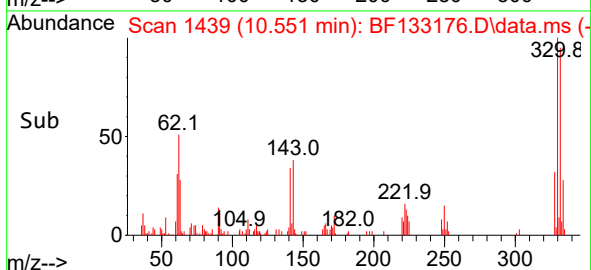
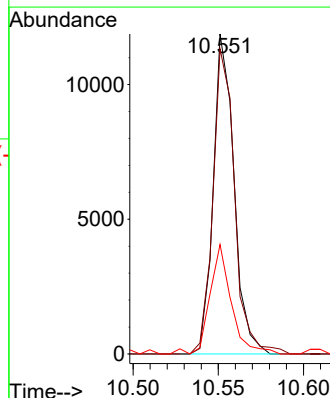
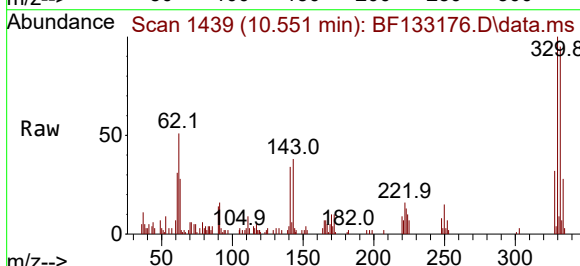
Tgt Ion:330 Resp: 10027

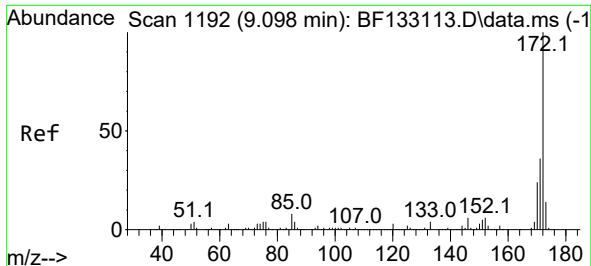
Ion Ratio Lower Upper

330 100

332 100.2 77.1 115.7

141 35.4 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 3.199 ng

RT: 9.086 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

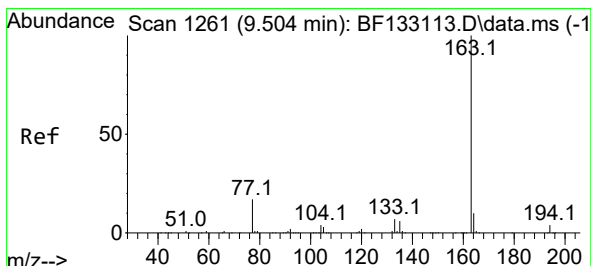
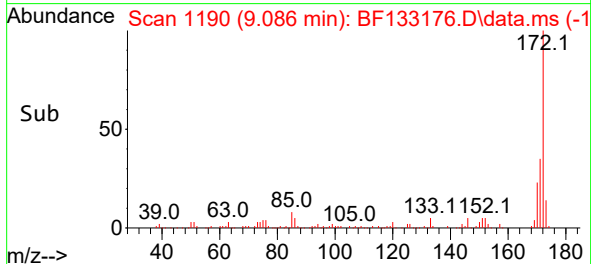
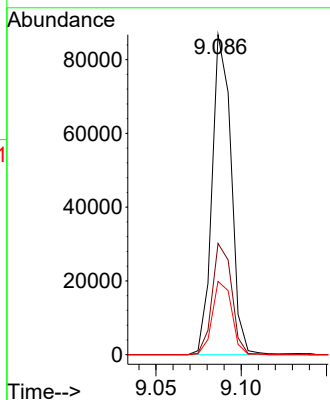
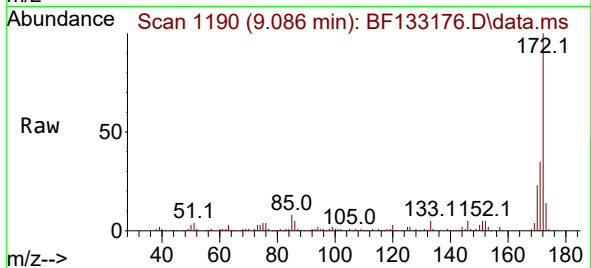
Tgt Ion:172 Resp: 67528

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.9 19.4 29.2



#50

Dimethylphthalate

Concen: 2.996 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.271 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

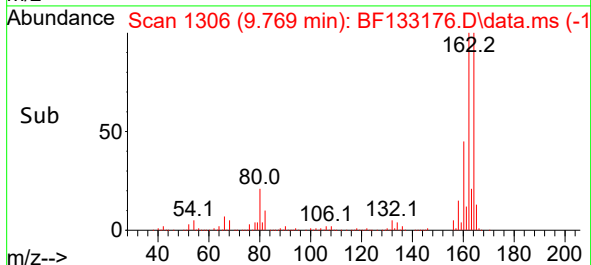
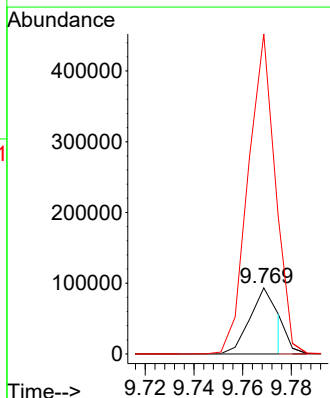
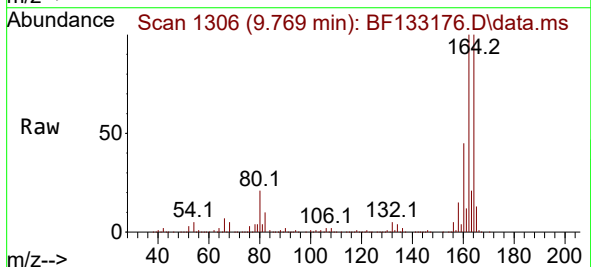
Tgt Ion:163 Resp: 73783

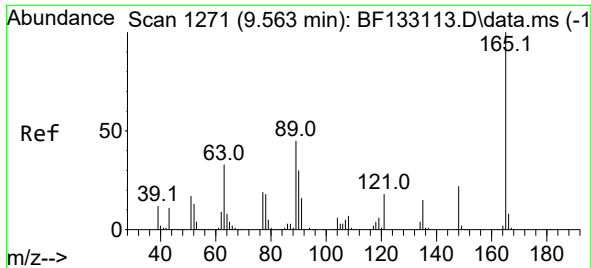
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 484.4 8.5 12.7#

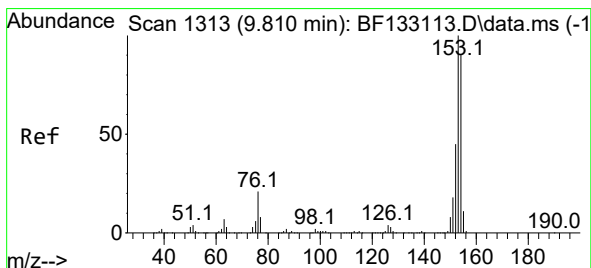
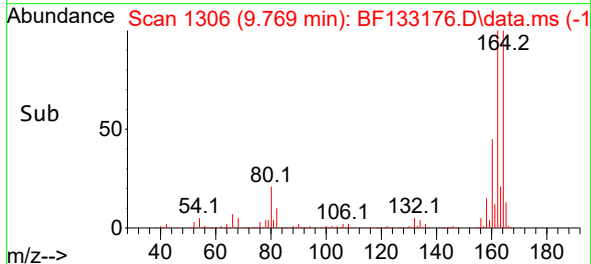
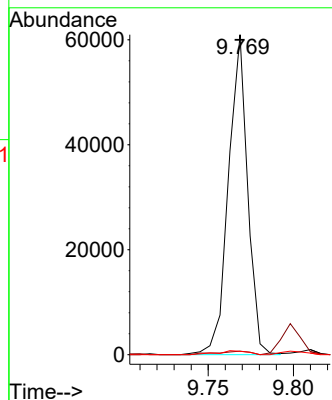
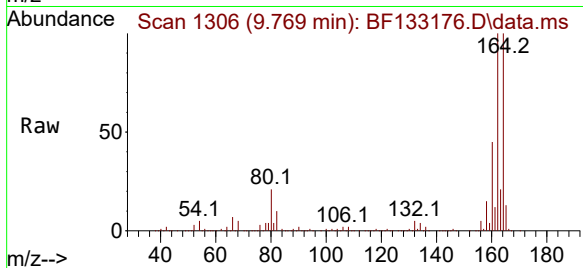




#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

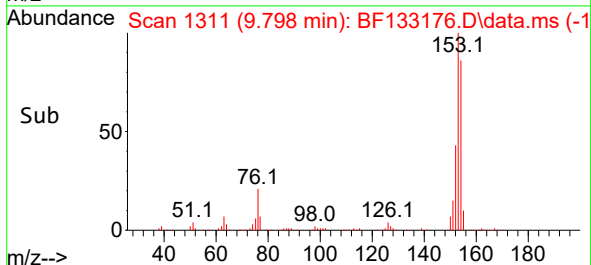
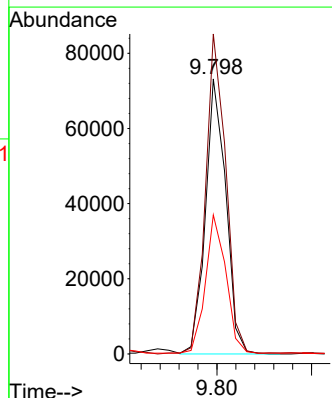
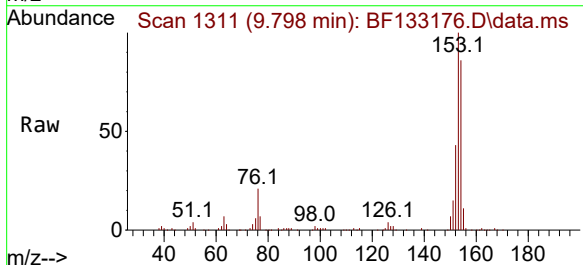
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

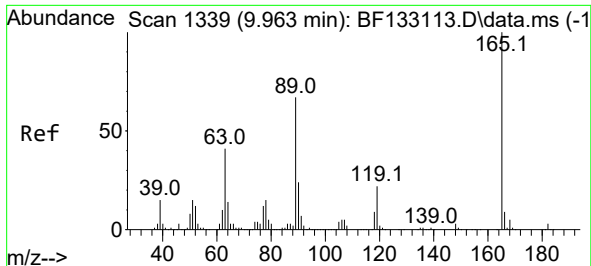
Tgt Ion:165 Resp: 47653
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#



#52
Acenaphthene
Concen: 2.496 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:154 Resp: 54758
Ion Ratio Lower Upper
154 100
153 116.4 89.0 133.6
152 50.6 40.4 60.6

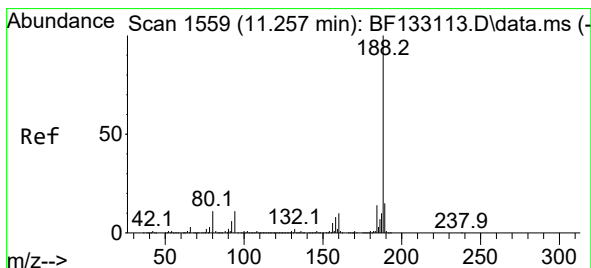
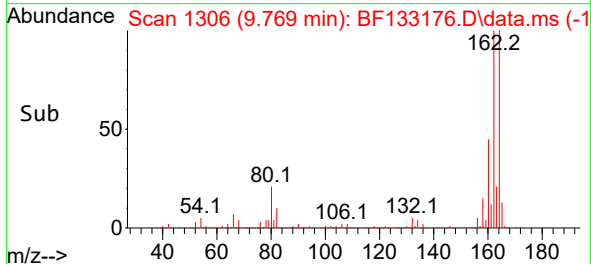
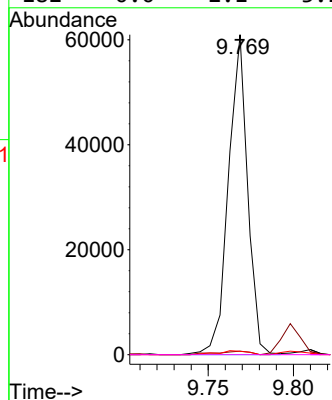
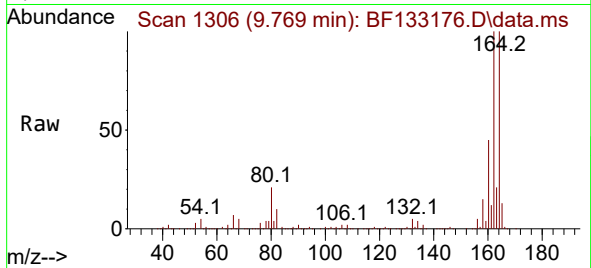




#57
2,4-Dinitrotoluene
Concen: 6.742 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

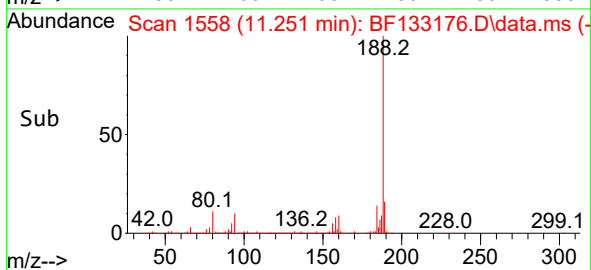
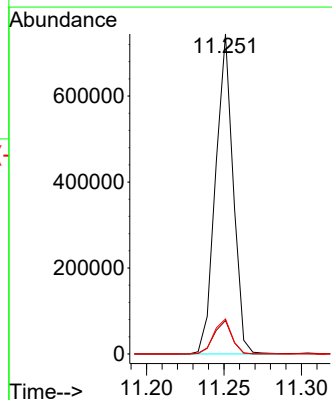
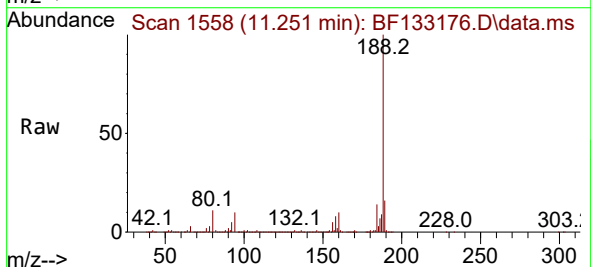
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

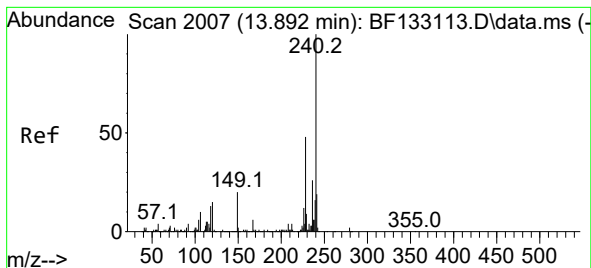
Tgt Ion:165 Resp: 47653
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133176.D
Acq: 02 May 2023 01:56

Tgt Ion:188 Resp: 586940
Ion Ratio Lower Upper
188 100
94 10.4 9.7 14.5
80 11.0 10.4 15.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

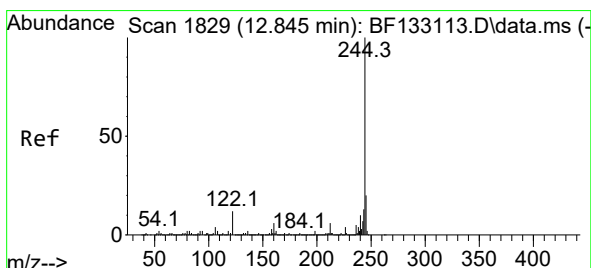
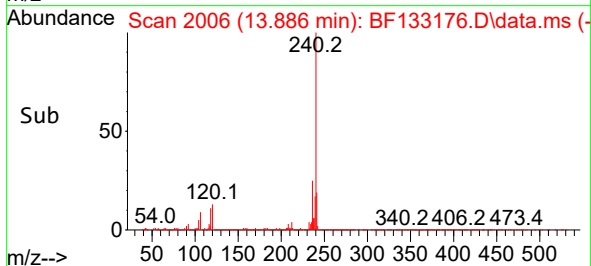
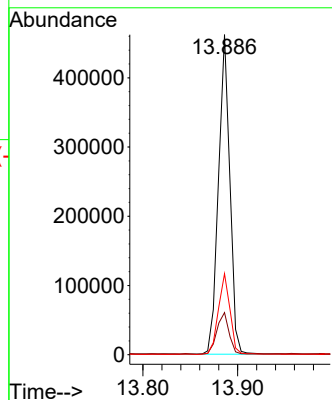
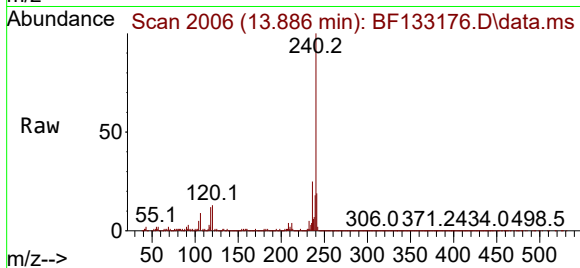
Tgt Ion:240 Resp: 385764

Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 25.3 21.5 32.3



#79

Terphenyl-d14

Concen: 2.912 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF133176.D

Acq: 02 May 2023 01:56

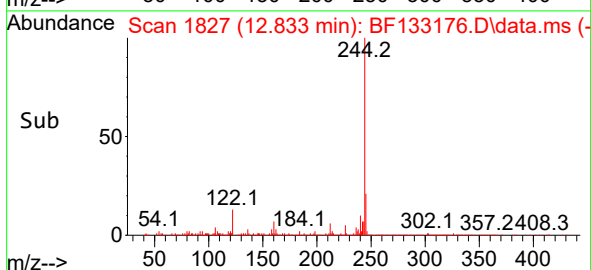
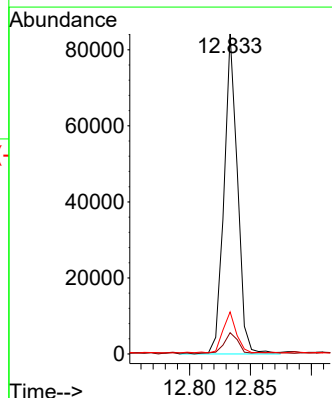
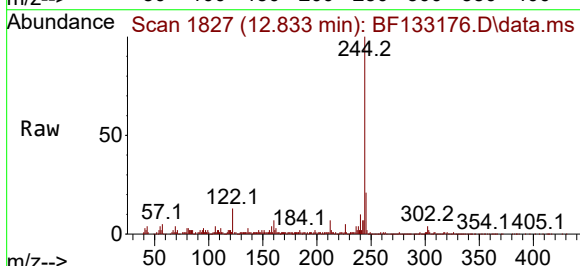
Tgt Ion:244 Resp: 65139

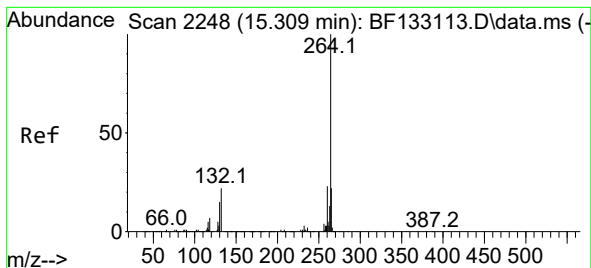
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 13.1 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133176.D

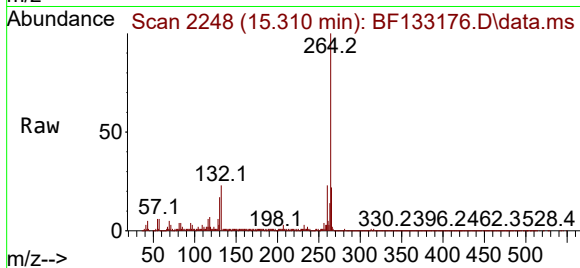
Acq: 02 May 2023 01:56

Instrument :

BNA_F

ClientSampleId :

MW-14DL2



Tgt Ion:264 Resp: 335351

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.3 17.0 25.4

