

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133141.D
 Acq On : 29 Apr 2023 01:36
 Operator : CG\JU
 Sample : 02522-06DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3DL

Quant Time: May 01 03:11:03 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 03:03:04 2023
 Response via : Initial Calibration

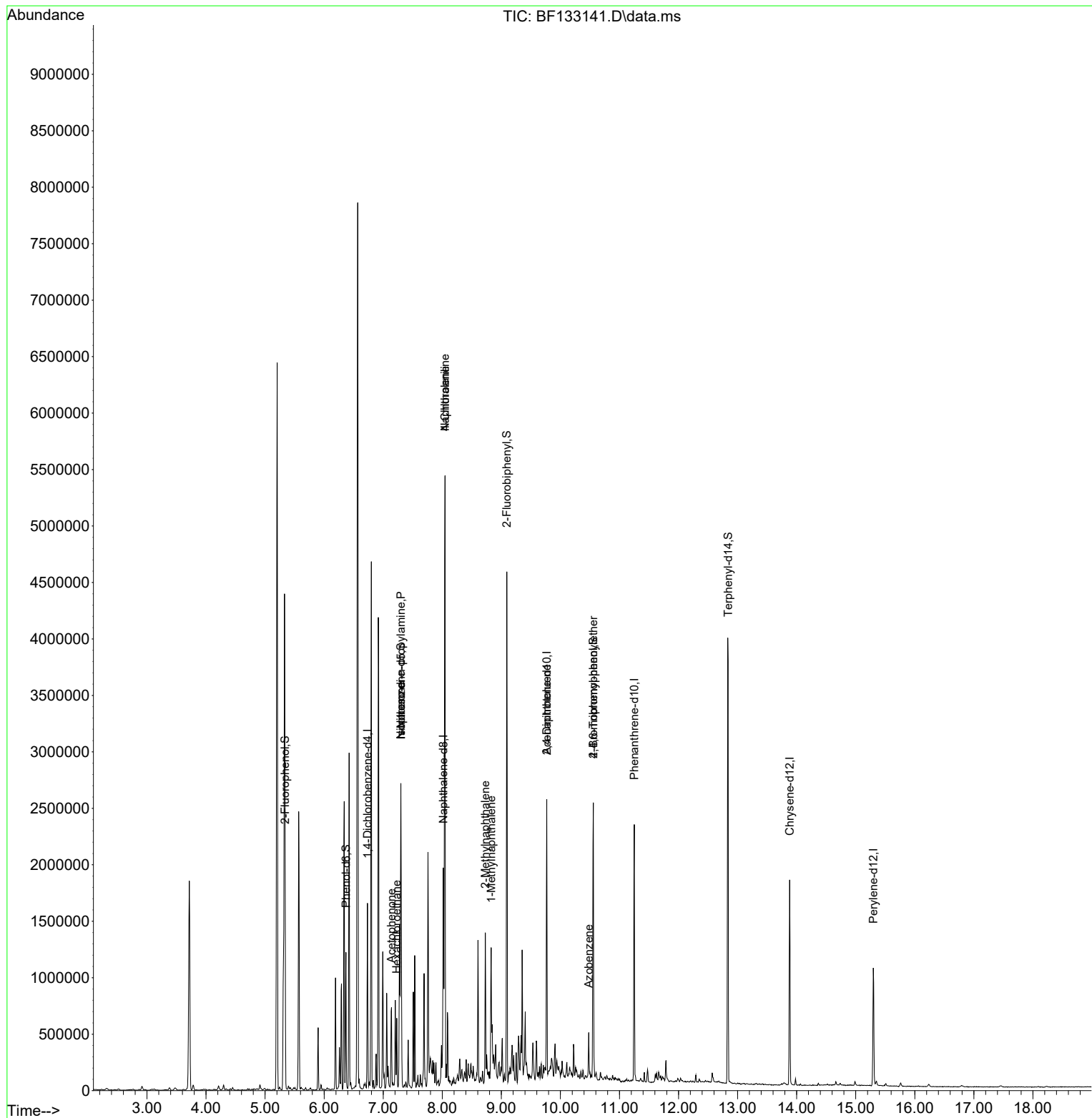
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	209125	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	844136	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	436148	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	785659	20.000	ng	0.00
76) Chrysene-d12	13.880	240	569056	20.000	ng	-0.01
86) Perylene-d12	15.298	264	441424	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	453545	32.762	ng	0.00
7) Phenol-d6	6.369	99	370583	21.567	ng	-0.01
23) Nitrobenzene-d5	7.298	82	707427	45.235	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	296019	67.487	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1289131	49.449	ng	0.00
79) Terphenyl-d14	12.839	244	1464317	44.380	ng	0.00
Target Compounds						
9) Benzaldehyde	6.293	77	37815	Below Cal	Qvalue	# 1
18) Hexachloroethane	7.228	117	14303	2.747	ng	# 1
19) n-Nitroso-di-n-propyla...	7.298	70	92464	8.644	ng	# 79
22) Acetophenone	7.140	105	238645	12.204	ng	# 86
25) Isophorone	7.298	82	704607	23.730	ng	# 63
31) Naphthalene	8.045	128	2261380	53.582	ng	# 99
33) 4-Chloroaniline	8.045	127	314039	18.416	ng	# 35
37) 2-Methylnaphthalene	8.728	142	282929	9.806	ng	# 98
38) 1-Methylnaphthalene	8.828	142	188417	6.980	ng	# 98
57) 2,4-Dinitrotoluene	9.769	165	56589	6.483	ng	# 25
63) Azobenzene	10.481	77	63157	2.075	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	18977	2.227	ng	# 1

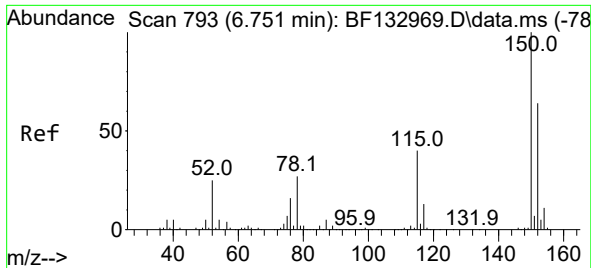
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133141.D
Acq On : 29 Apr 2023 01:36
Operator : CG\JU
Sample : 02522-06DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3DL

Quant Time: May 01 03:11:03 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 03:03:04 2023
Response via : Initial Calibration

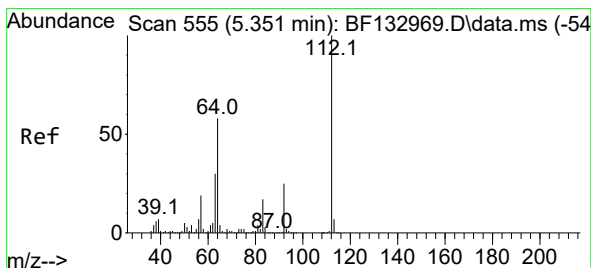
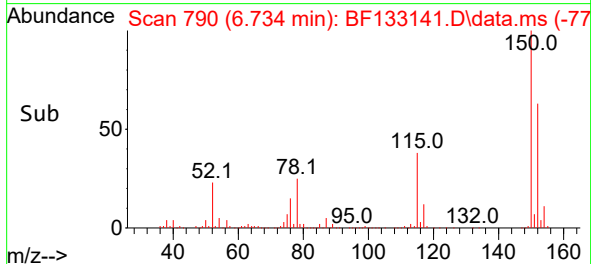
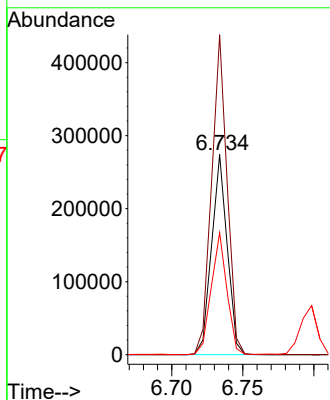
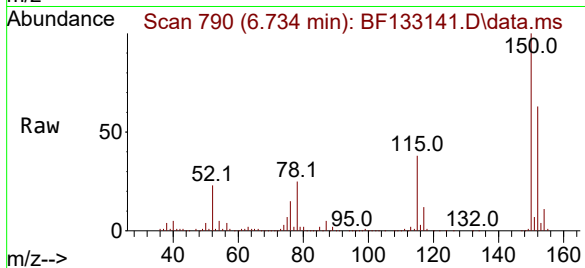




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

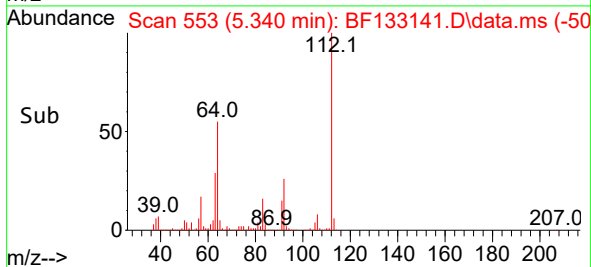
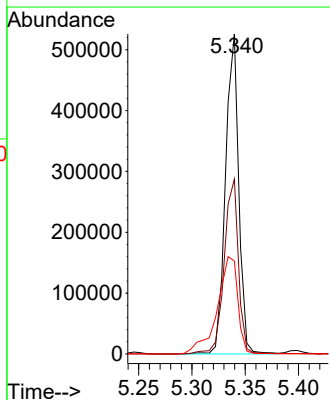
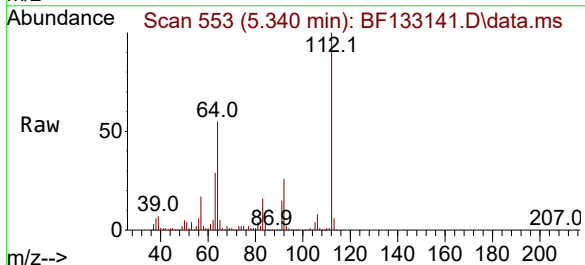
Instrument :
BNA_F
ClientSampleId :
MW-3DL

Tgt Ion:152 Resp: 209125
Ion Ratio Lower Upper
152 100
150 159.9 124.8 187.2
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 32.762 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion:112 Resp: 453545
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 29.0 23.8 35.8

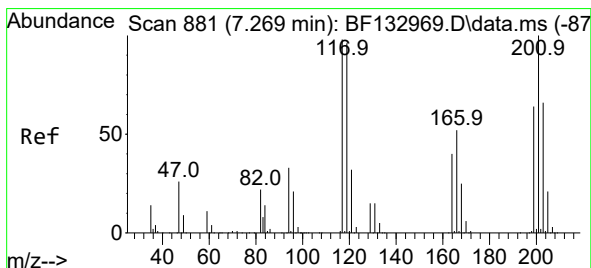
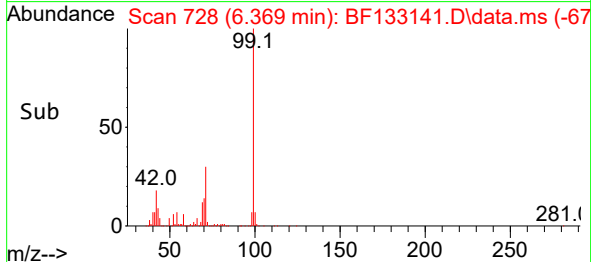
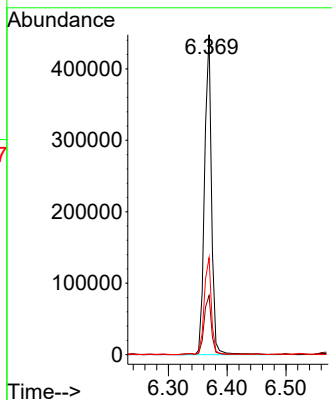
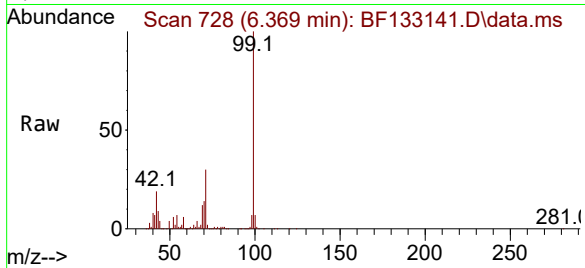




#7
Phenol-d6
Concen: 21.567 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

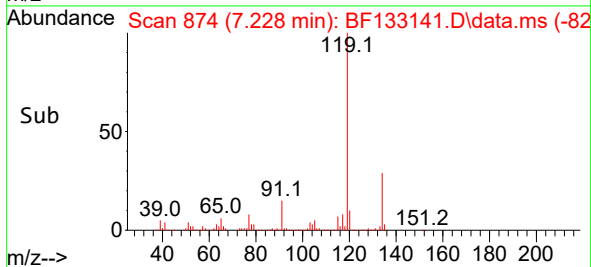
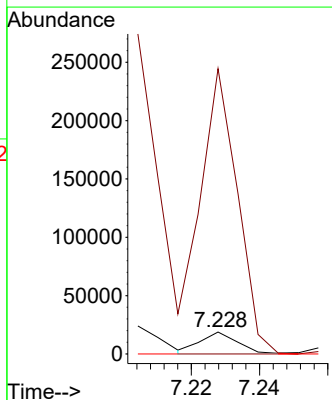
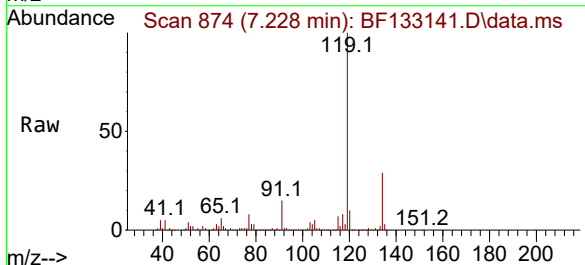
Instrument :
BNA_F
ClientSampleId :
MW-3DL

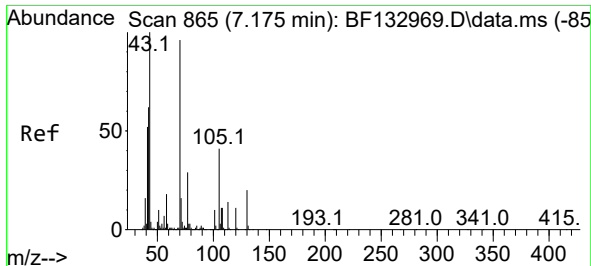
Tgt Ion: 99 Resp: 370583
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 30.3 25.6 38.4



#18
Hexachloroethane
Concen: 2.747 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.023 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion: 117 Resp: 14303
Ion Ratio Lower Upper
117 100
119 1297.7 78.2 117.4#
201 0.0 81.7 122.5#

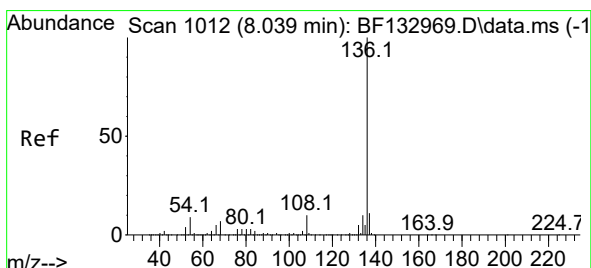
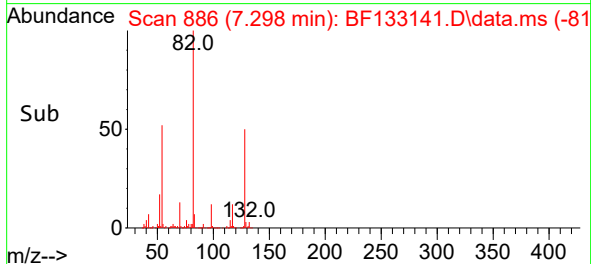
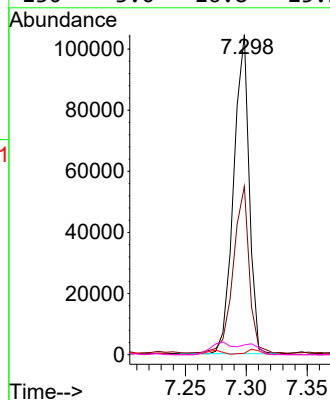
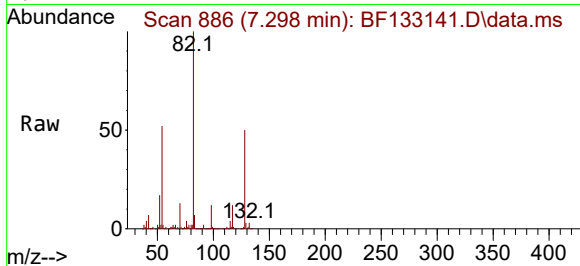




#19
n-Nitroso-di-n-propylamine
Concen: 8.644 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

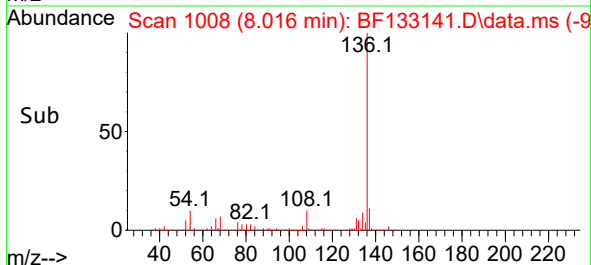
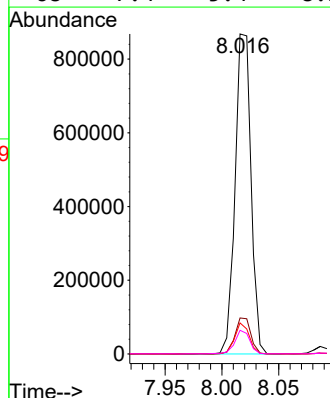
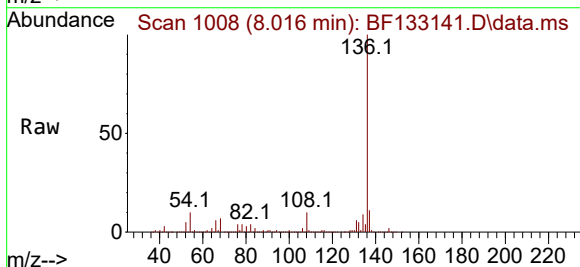
Instrument :
BNA_F
ClientSampleId :
MW-3DL

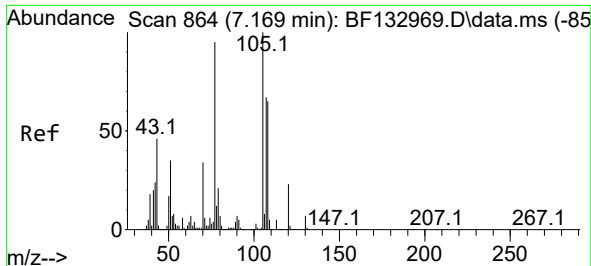
Tgt Ion: 70 Resp: 92464
Ion Ratio Lower Upper
70 100
42 52.6 51.8 77.6
101 0.5 8.0 12.0#
130 3.0 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion: 136 Resp: 844136
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.7 7.0 10.4
68 7.4 5.4 8.2

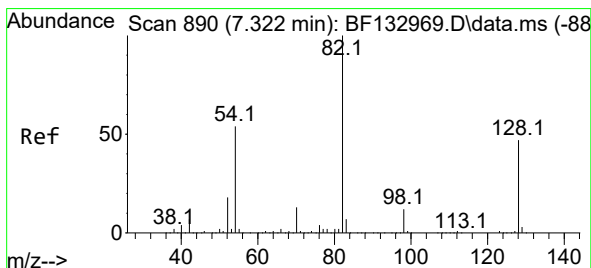
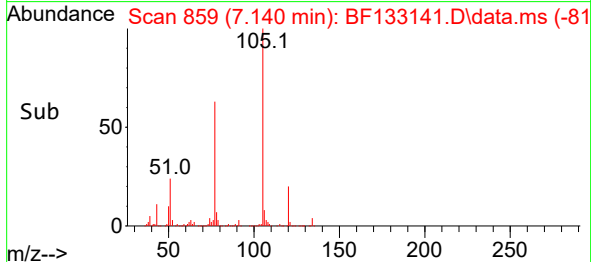
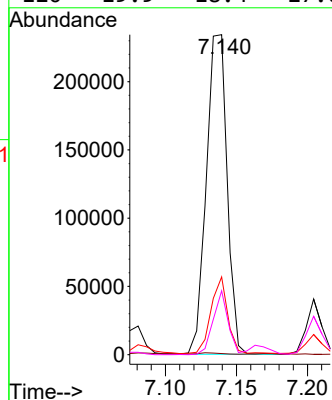
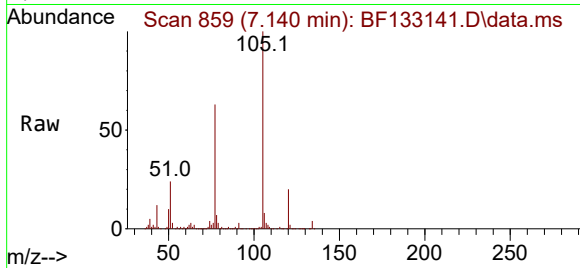




#22
Acetophenone
Concen: 12.204 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

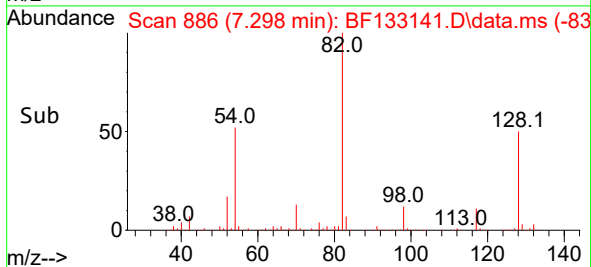
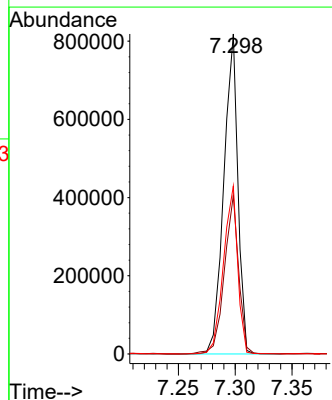
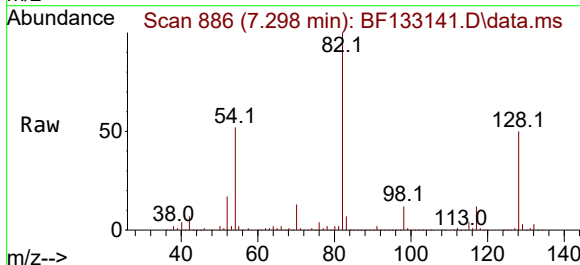
Instrument :
BNA_F
ClientSampleId :
MW-3DL

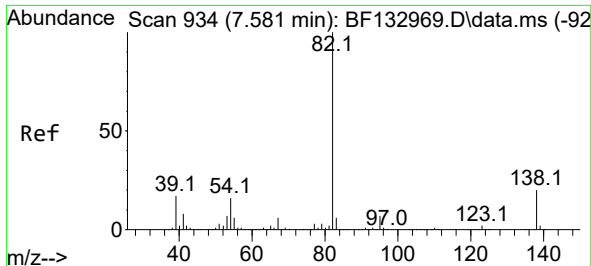
Tgt Ion:105 Resp: 238645
Ion Ratio Lower Upper
105 100
71 0.3 4.6 7.0#
51 24.3 28.2 42.2#
120 19.9 18.4 27.6



#23
Nitrobenzene-d5
Concen: 45.235 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion: 82 Resp: 707427
Ion Ratio Lower Upper
82 100
128 49.5 37.7 56.5
54 52.5 43.0 64.4

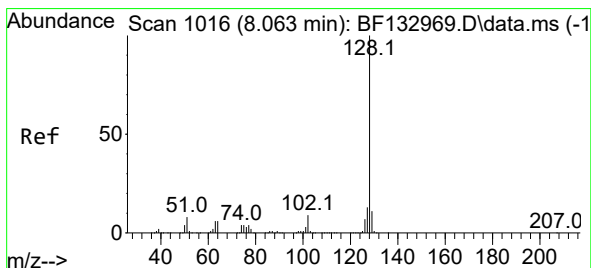
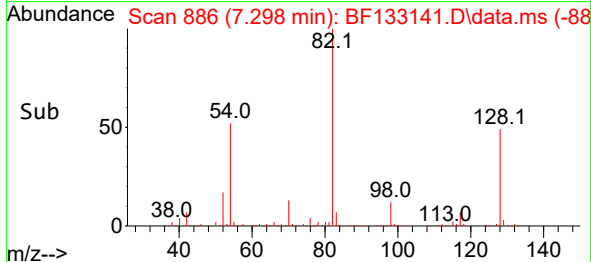
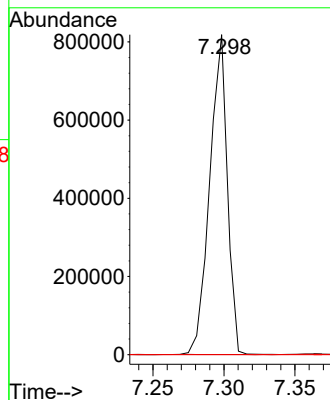
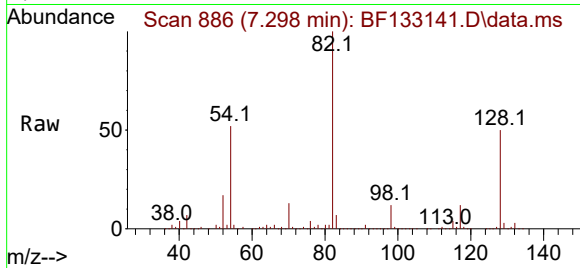




#25
Isophorone
Concen: 23.730 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

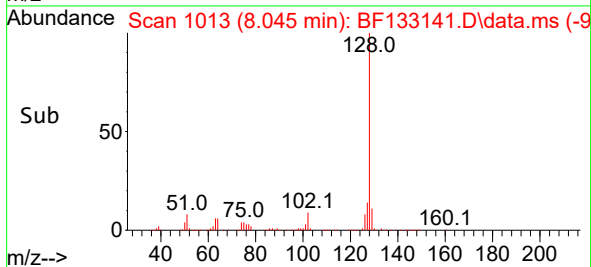
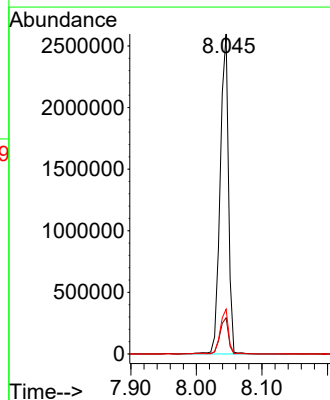
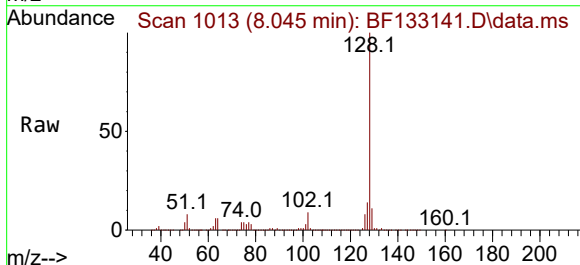
Instrument :
BNA_F
ClientSampleId :
MW-3DL

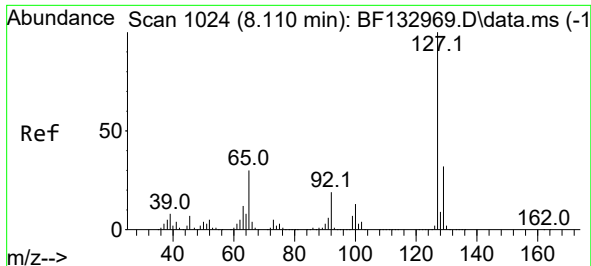
Tgt Ion: 82 Resp: 704607
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#31
Naphthalene
Concen: 53.582 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion:128 Resp: 2261380
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.0 10.7 16.1

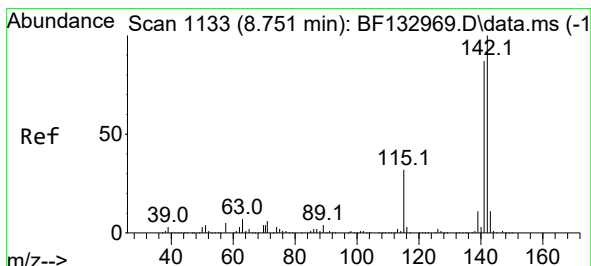
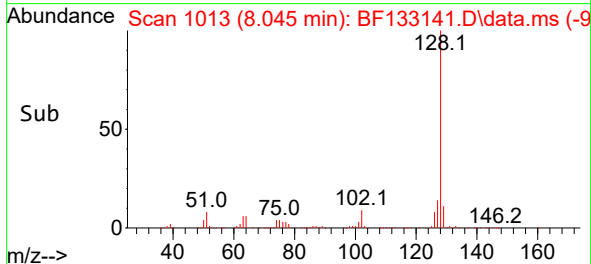
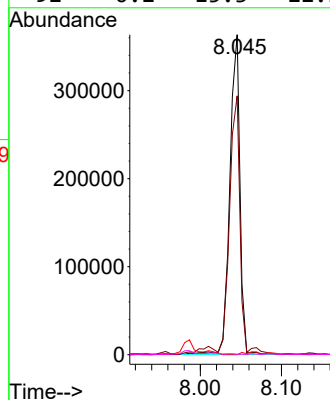
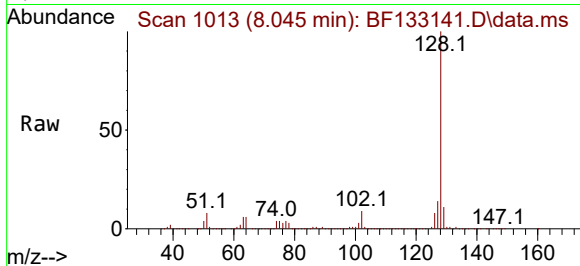




#33
4-Chloroaniline
Concen: 18.416 ng
RT: 8.045 min Scan# 1129
Delta R.T. -0.047 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

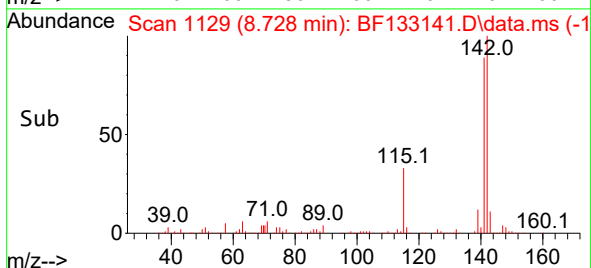
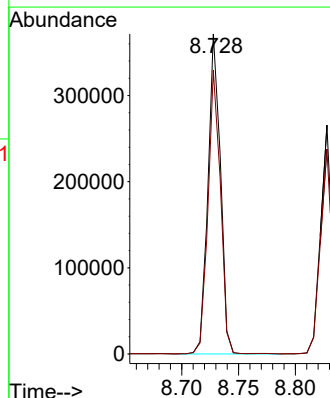
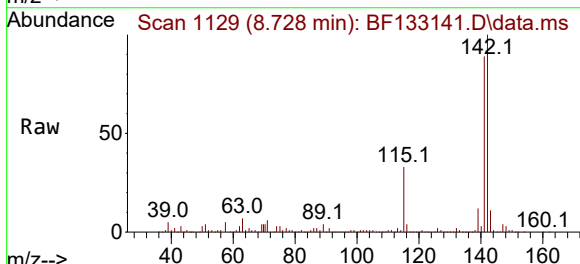
Instrument :
BNA_F
ClientSampleId :
MW-3DL

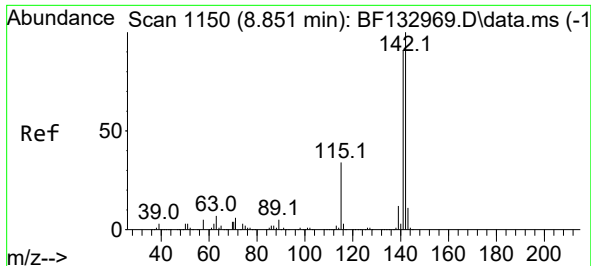
Tgt Ion:127 Resp: 314039
Ion Ratio Lower Upper
127 100
129 80.9 25.8 38.8#
65 0.0 23.6 35.4#
92 0.2 15.3 22.9#



#37
2-Methylnaphthalene
Concen: 9.806 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion:142 Resp: 282929
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.0

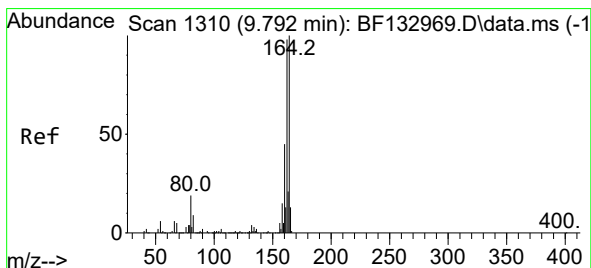
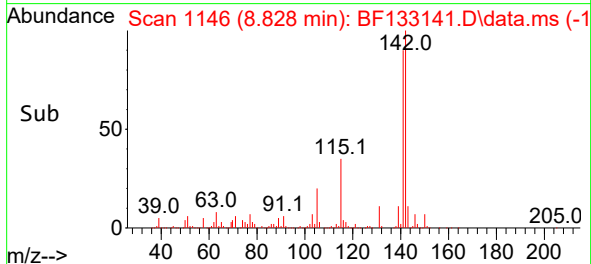
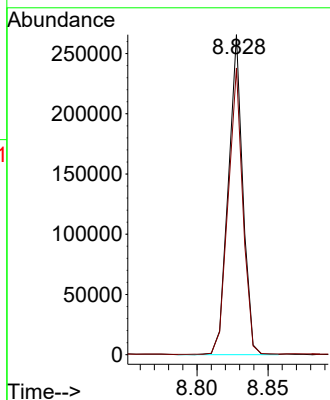
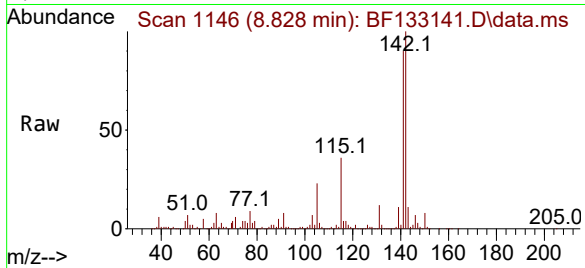




#38
1-Methylnaphthalene
Concen: 6.980 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

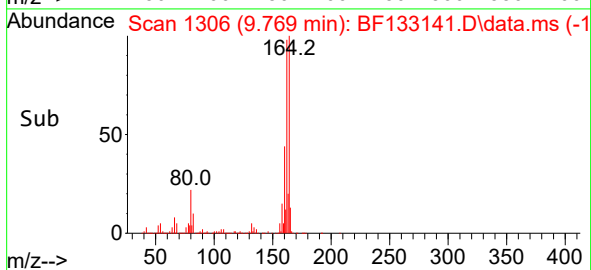
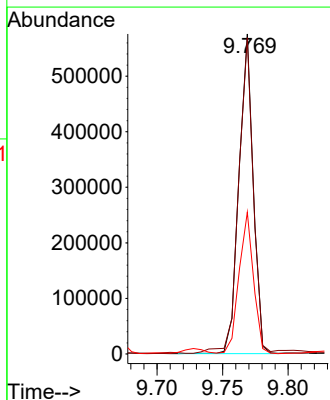
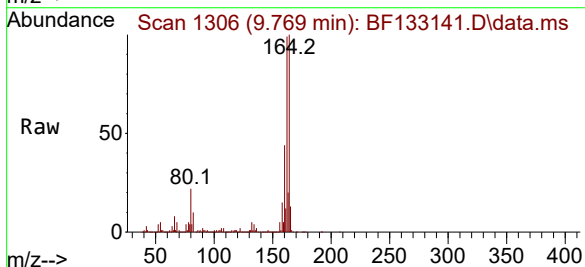
Instrument :
BNA_F
ClientSampleId :
MW-3DL

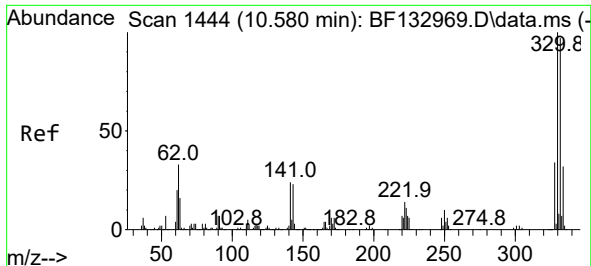
Tgt Ion:142 Resp: 188417
Ion Ratio Lower Upper
142 100
141 89.6 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion:164 Resp: 436148
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 67.487 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

Instrument :

BNA_F

ClientSampleId :

MW-3DL

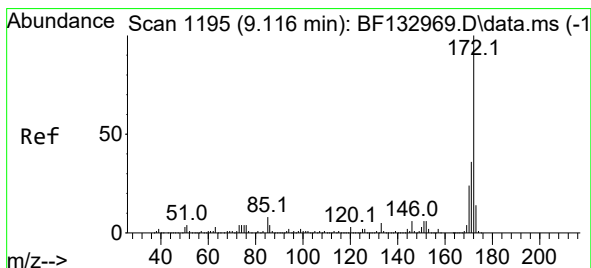
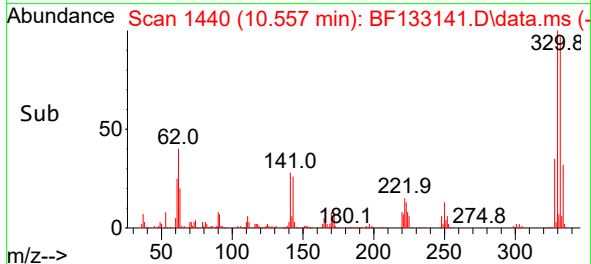
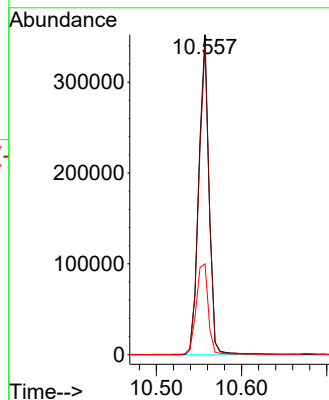
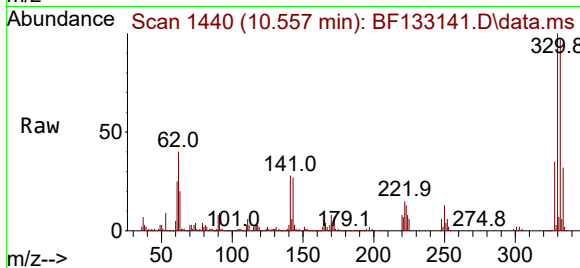
Tgt Ion:330 Resp: 296019

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 33.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 49.449 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

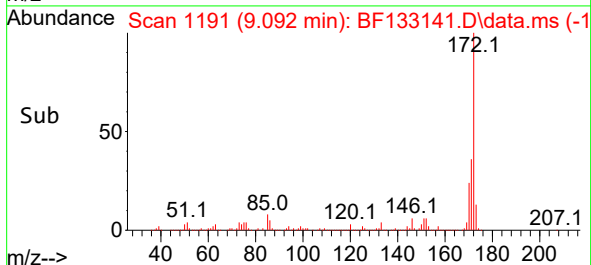
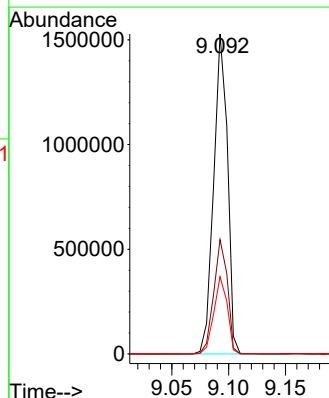
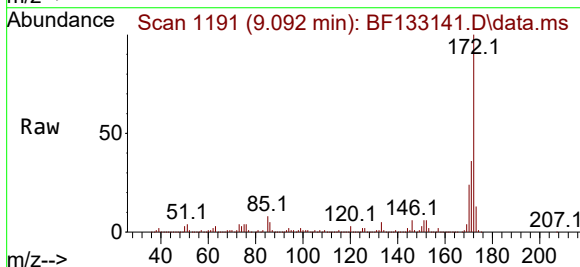
Tgt Ion:172 Resp: 1289131

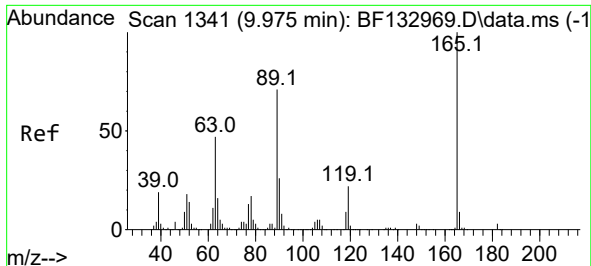
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.4 29.2

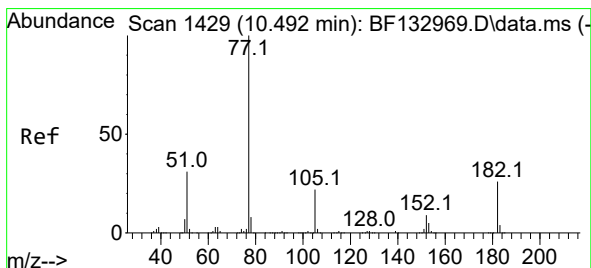
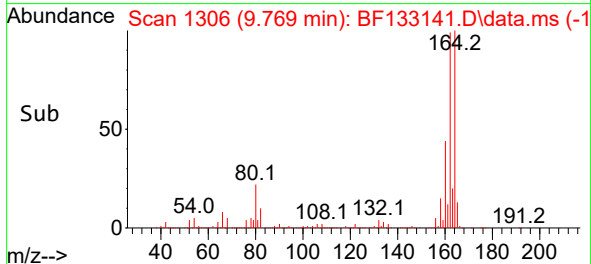
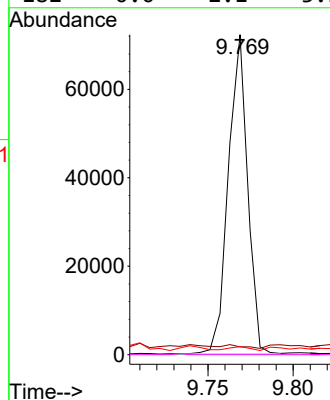
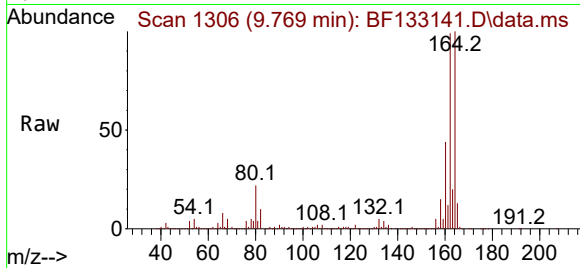




#57
2,4-Dinitrotoluene
Concen: 6.483 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

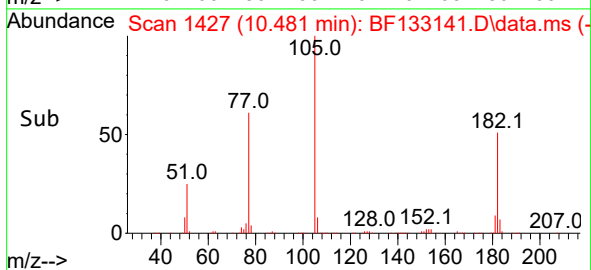
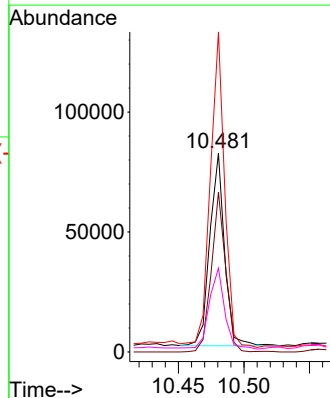
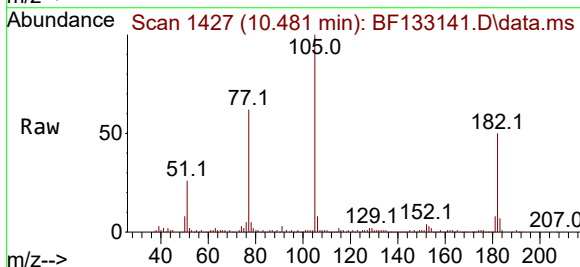
Instrument :
BNA_F
ClientSampleId :
MW-3DL

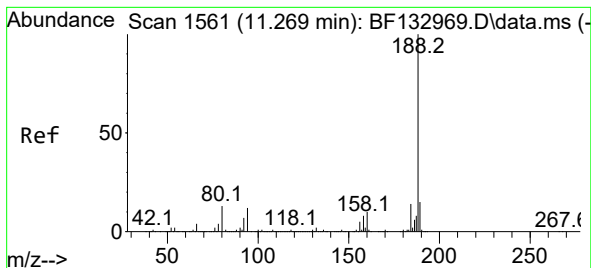
Tgt Ion:165 Resp: 56589
Ion Ratio Lower Upper
165 100
63 2.4 37.7 56.5#
89 2.5 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.075 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Tgt Ion: 77 Resp: 63157
Ion Ratio Lower Upper
77 100
182 80.5 5.9 45.9#
105 161.1 2.3 42.3#
51 42.2 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

Instrument :

BNA_F

ClientSampleId :

MW-3DL

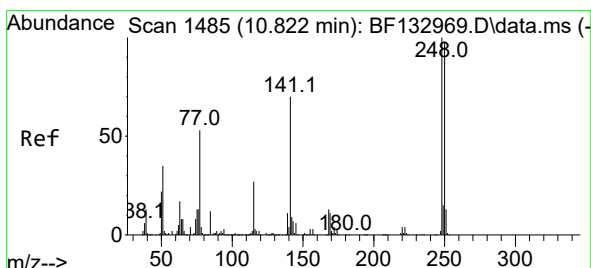
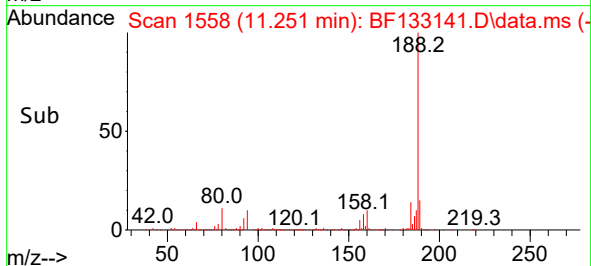
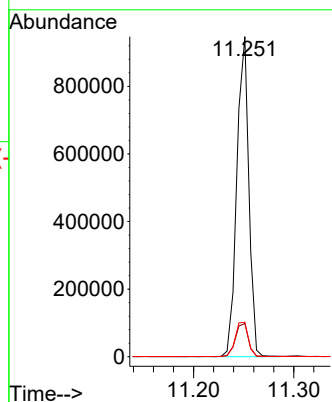
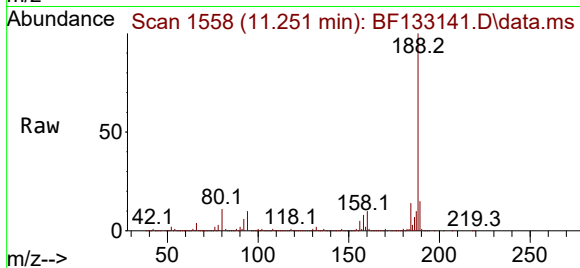
Tgt Ion:188 Resp: 785659

Ion Ratio Lower Upper

188 100

94 10.3 9.7 14.5

80 10.7 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.227 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

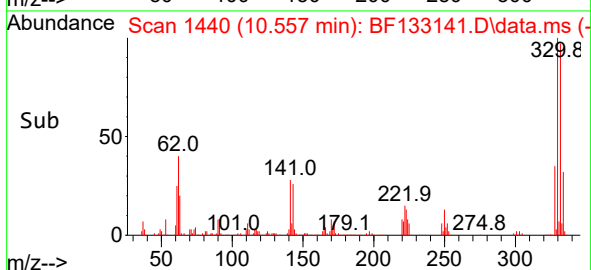
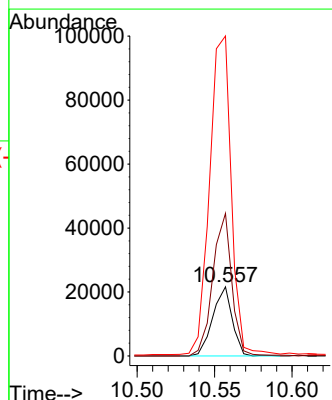
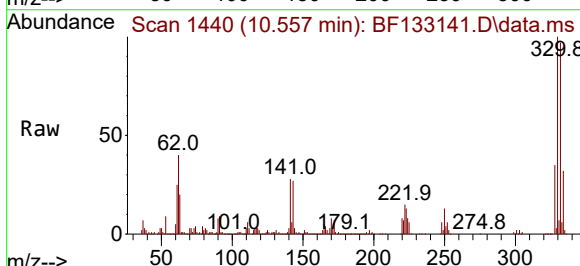
Tgt Ion:248 Resp: 18977

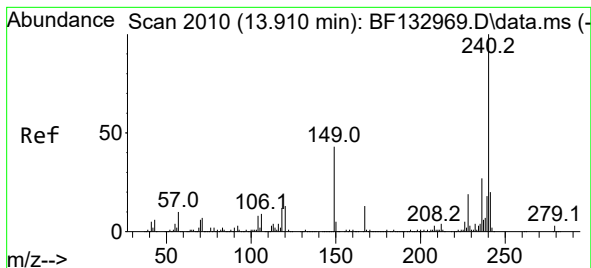
Ion Ratio Lower Upper

248 100

250 206.1 78.7 118.1#

141 462.4 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

Instrument :

BNA_F

ClientSampleId :

MW-3DL

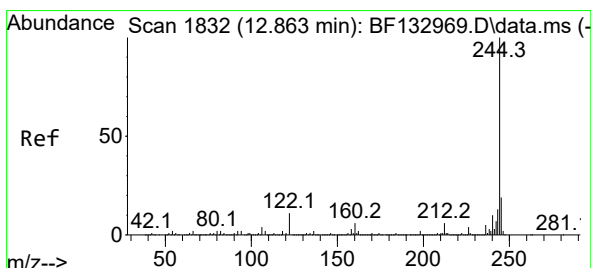
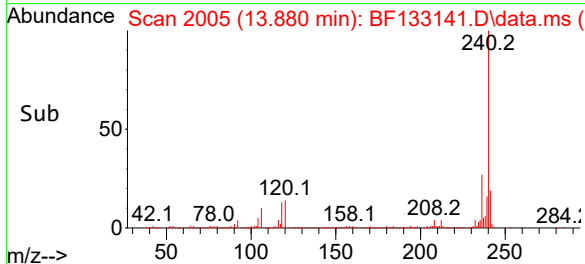
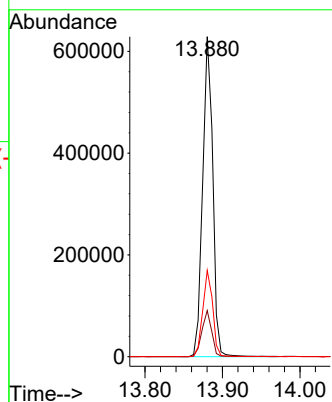
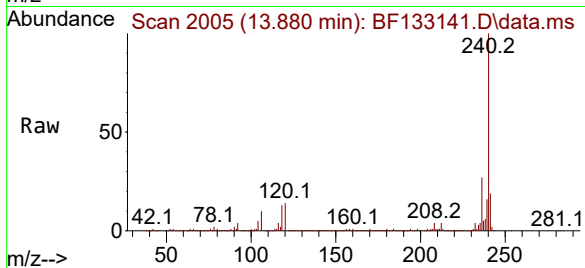
Tgt Ion:240 Resp: 569056

Ion Ratio Lower Upper

240 100

120 14.4 10.5 15.7

236 27.0 21.5 32.3



#79

Terphenyl-d14

Concen: 44.380 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133141.D

Acq: 29 Apr 2023 01:36

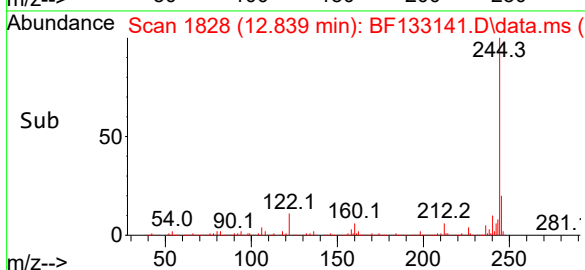
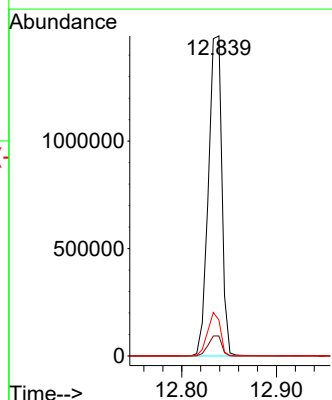
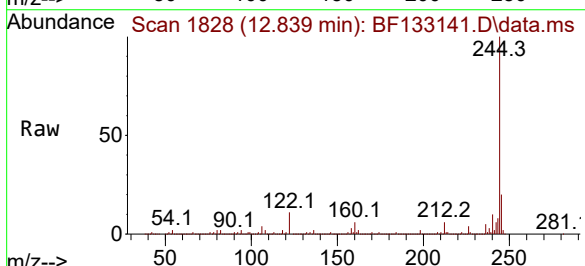
Tgt Ion:244 Resp: 1464317

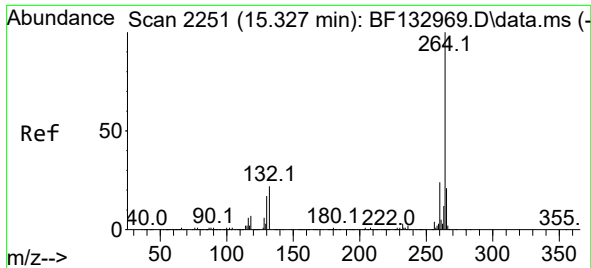
Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

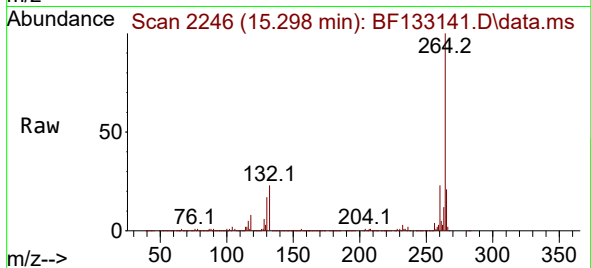
122 11.2 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133141.D
Acq: 29 Apr 2023 01:36

Instrument :
BNA_F
ClientSampleId :
MW-3DL



Tgt Ion:264 Resp: 441424
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 20.8 17.0 25.4

