

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133140.D
 Acq On : 29 Apr 2023 01:05
 Operator : CG\JU
 Sample : 02522-10DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL

Quant Time: May 01 03:10:49 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)

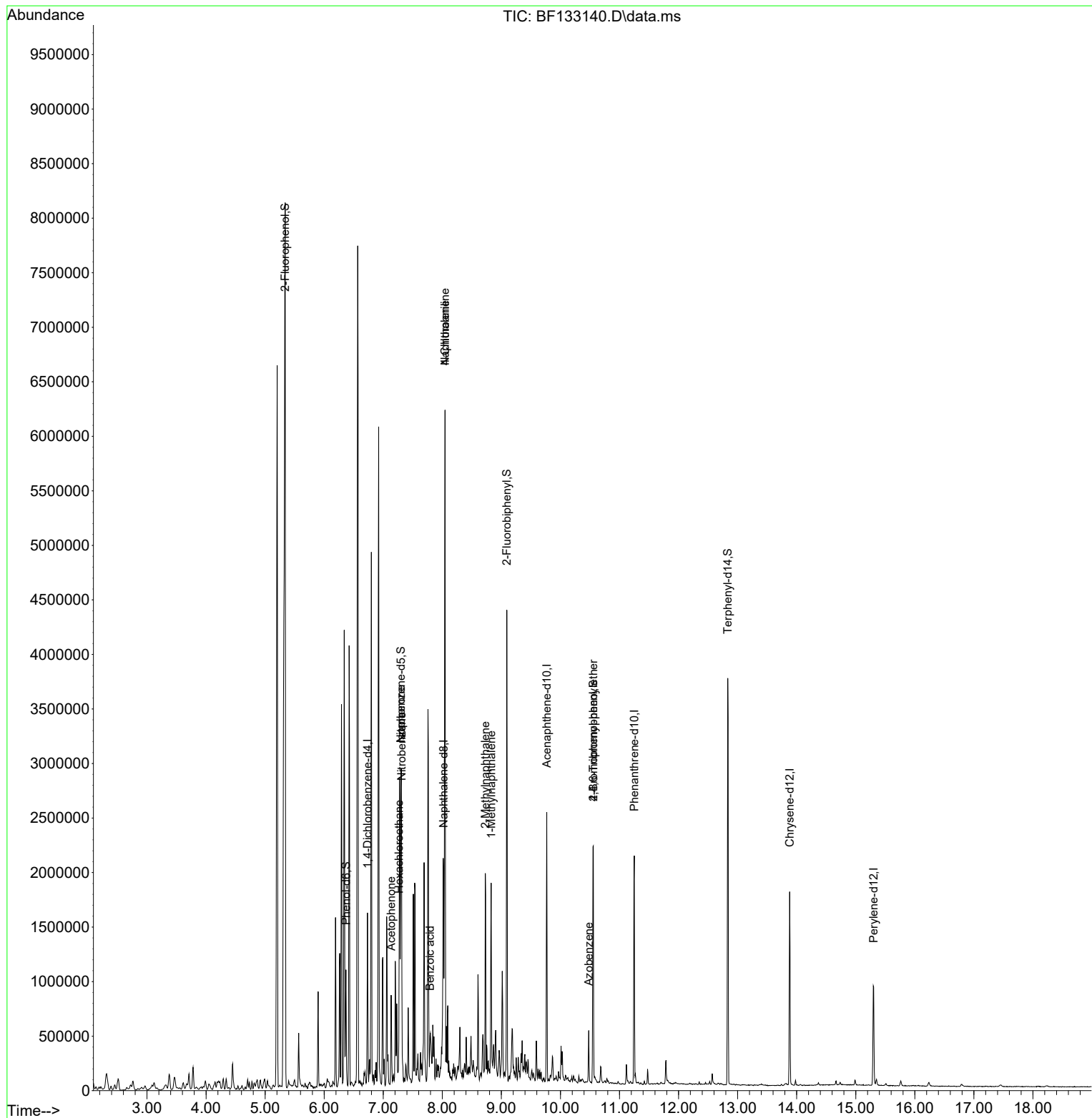
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	200827	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	813458	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	426361	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	753055	20.000	ng	0.00
76) Chrysene-d12	13.880	240	540300	20.000	ng	-0.01
86) Perylene-d12	15.304	264	401697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	282452	21.246	ng	0.00
7) Phenol-d6	6.369	99	303542	18.395	ng	-0.01
23) Nitrobenzene-d5	7.298	82	630230	41.819	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	274588	64.038	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1193235	46.821	ng	0.00
79) Terphenyl-d14	12.833	244	1350668	43.114	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.269	117	191525	38.301	ng	# 34
22) Acetophenone	7.134	105	291543	15.472	ng	# 56
24) Nitrobenzene	7.310	77	32804	2.148	ng	# 1
25) Isophorone	7.298	82	624978	21.842	ng	# 63
31) Naphthalene	8.045	128	2537676	62.396	ng	# 98
32) Benzoic acid	7.792	122	33638	4.312	ng	# 74
33) 4-Chloroaniline	8.045	127	356991	21.725	ng	# 33
37) 2-Methylnaphthalene	8.728	142	474330	17.059	ng	# 99
38) 1-Methylnaphthalene	8.828	142	268612	10.327	ng	# 98
63) Azobenzene	10.480	77	70622	2.374	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	17945	2.197	ng	# 1

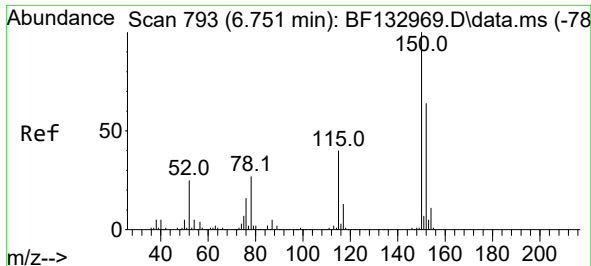
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133140.D
Acq On : 29 Apr 2023 01:05
Operator : CG\JU
Sample : 02522-10DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2DL

Quant Time: May 01 03:10:49 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

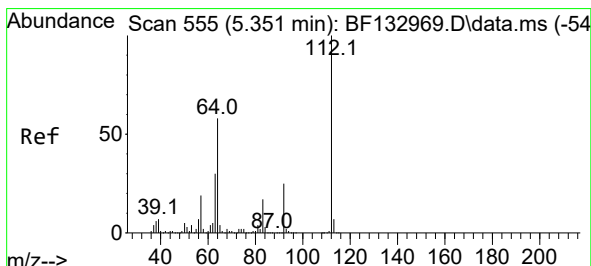
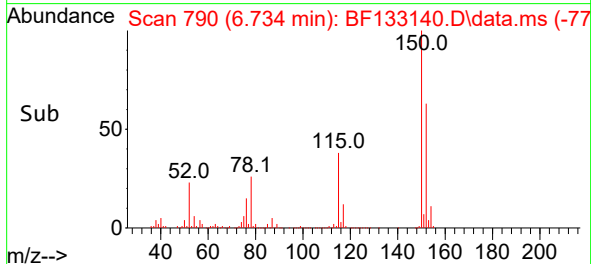
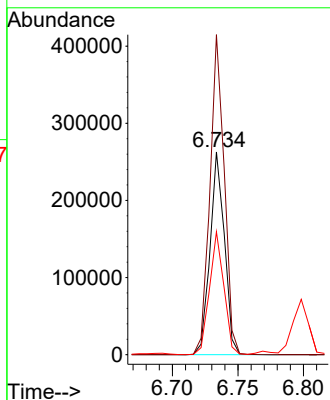
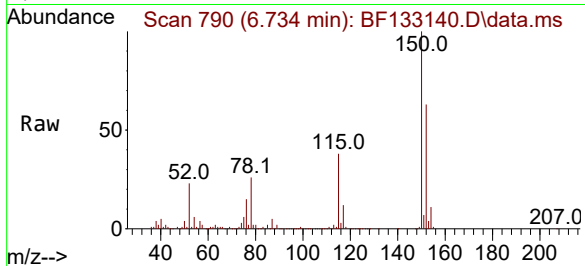




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

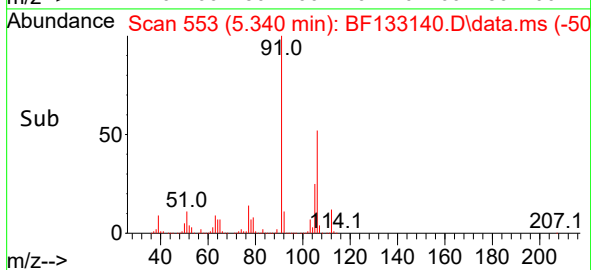
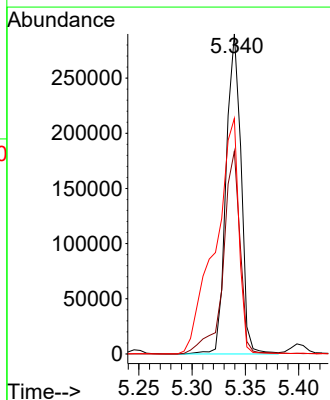
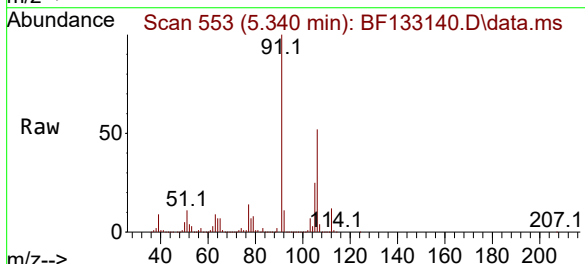
Instrument :
BNA_F
ClientSampleId :
MW-2DL

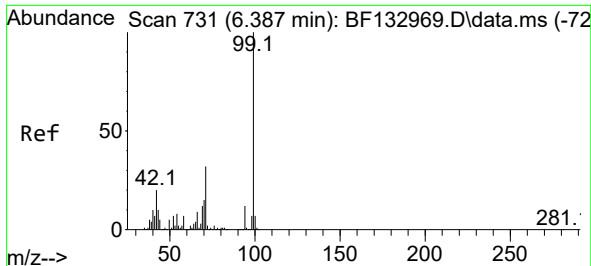
Tgt Ion:152 Resp: 200827
Ion Ratio Lower Upper
152 100
150 157.8 124.8 187.2
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 21.246 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:112 Resp: 282452
Ion Ratio Lower Upper
112 100
64 63.3 46.8 70.2
63 73.6 23.8 35.8#





#7

Phenol-d6

Concen: 18.395 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL

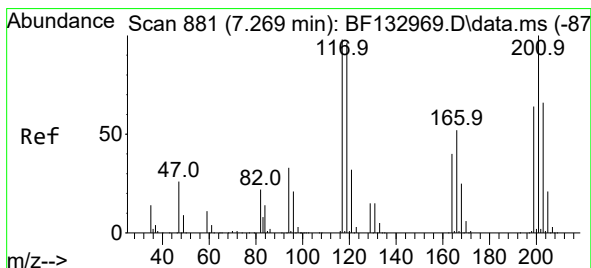
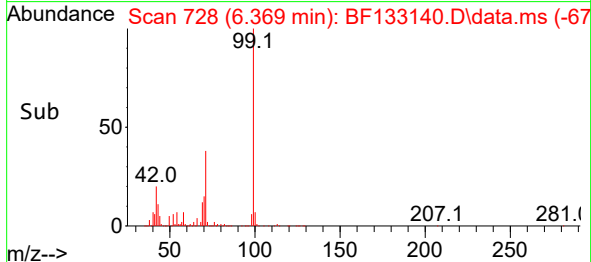
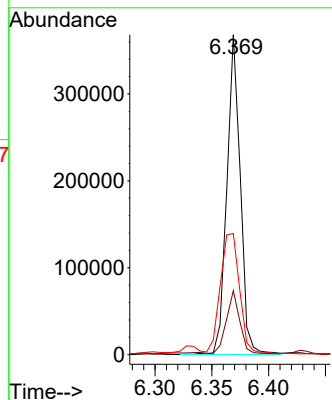
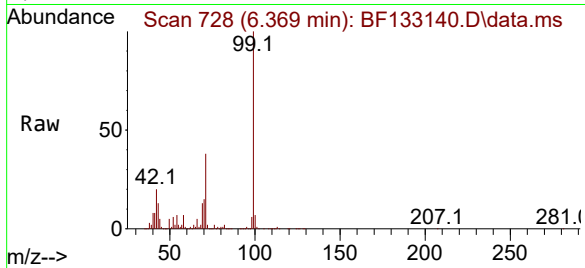
Tgt Ion: 99 Resp: 303542

Ion Ratio Lower Upper

99 100

42 20.0 16.3 24.5

71 37.9 25.6 38.4



#18

Hexachloroethane

Concen: 38.301 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.018 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

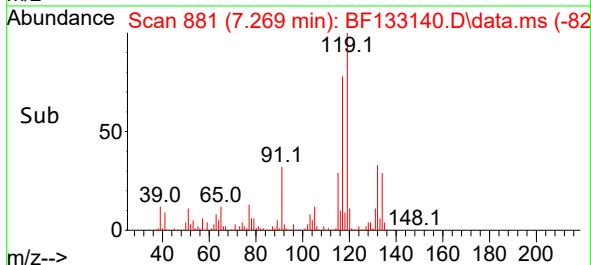
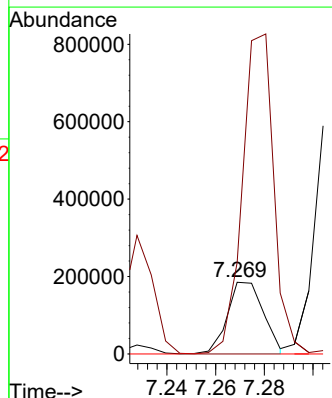
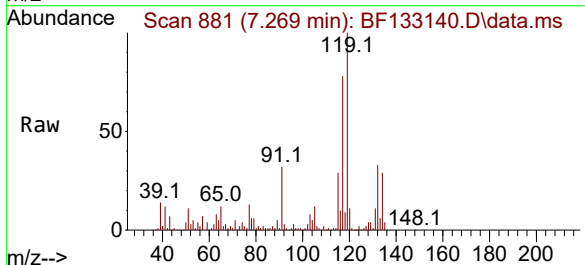
Tgt Ion: 117 Resp: 191525

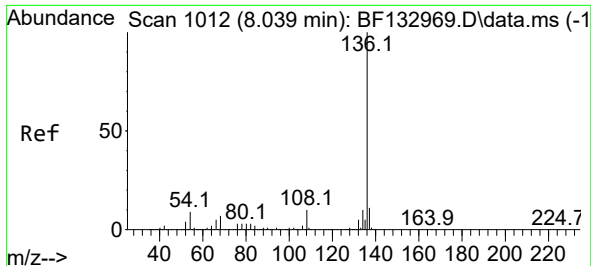
Ion Ratio Lower Upper

117 100

119 127.7 78.2 117.4#

201 0.0 81.7 122.5#

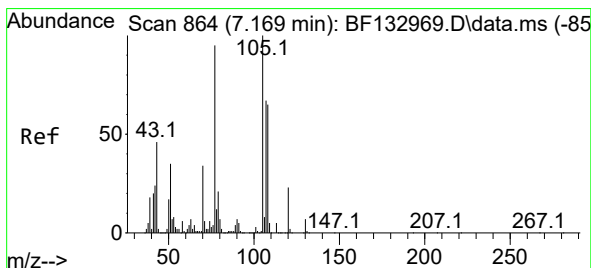
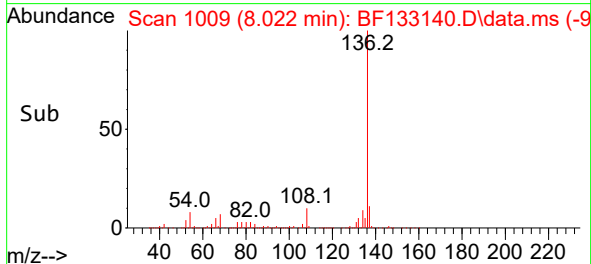
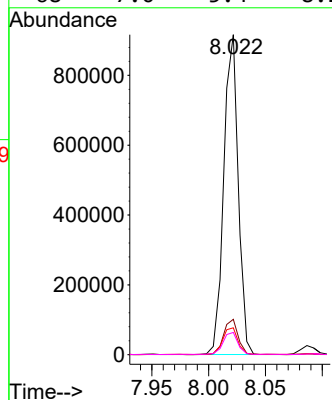
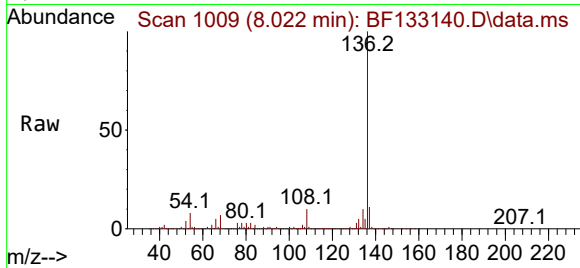




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

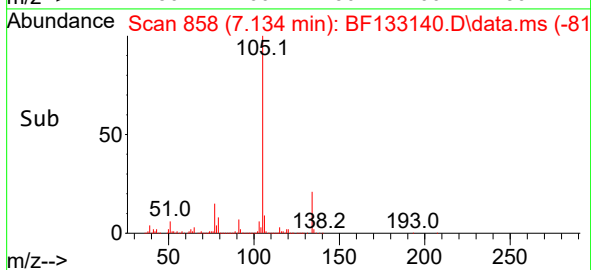
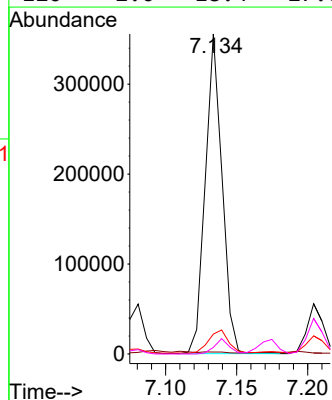
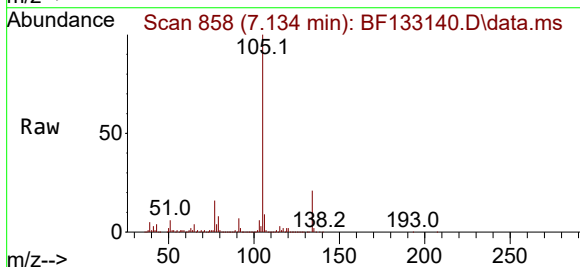
Instrument :
BNA_F
ClientSampleId :
MW-2DL

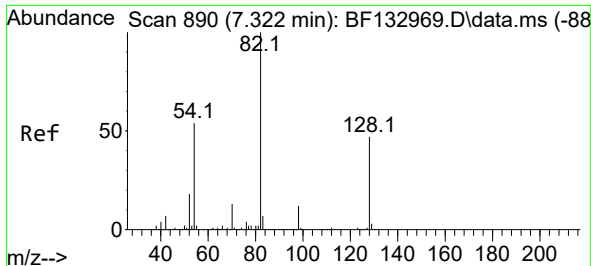
Tgt Ion:136 Resp: 813458
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.0 10.4
68 7.0 5.4 8.2



#22
Acetophenone
Concen: 15.472 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.018 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:105 Resp: 291543
Ion Ratio Lower Upper
105 100
71 0.6 4.6 7.0#
51 6.2 28.2 42.2#
120 2.0 18.4 27.6#





#23

Nitrobenzene-d5

Concen: 41.819 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL

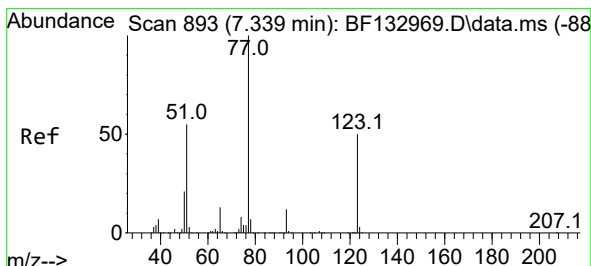
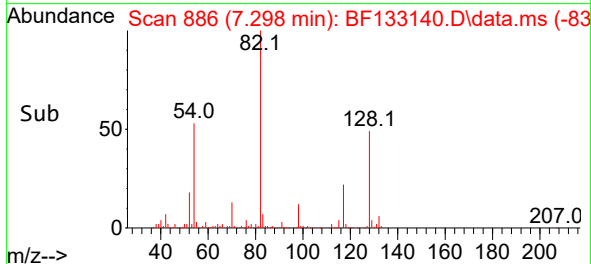
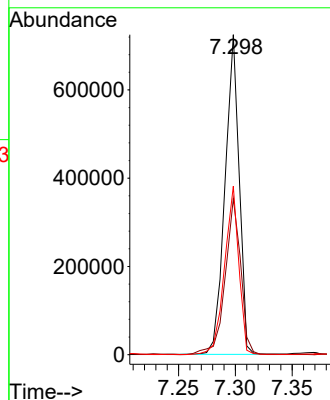
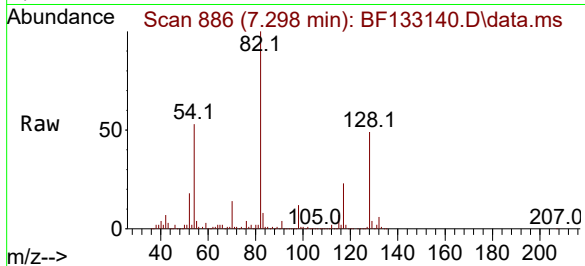
Tgt Ion: 82 Resp: 630230

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.6 43.0 64.4



#24

Nitrobenzene

Concen: 2.148 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

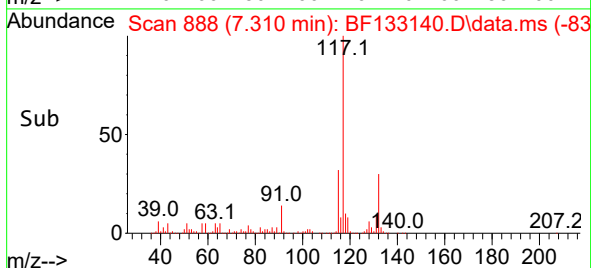
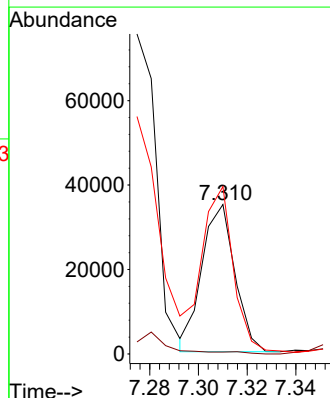
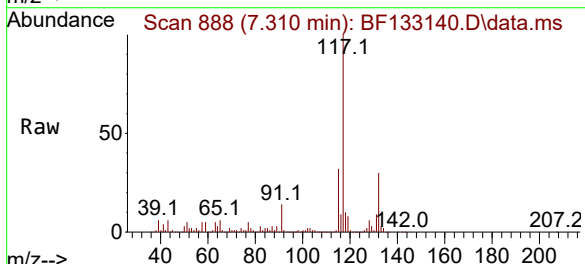
Tgt Ion: 77 Resp: 32804

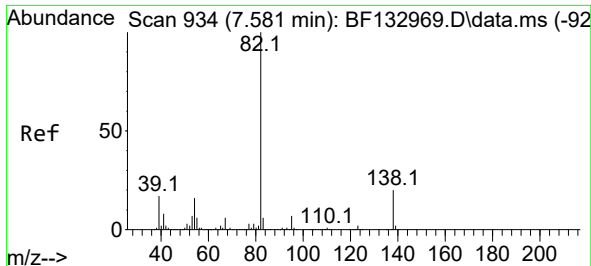
Ion Ratio Lower Upper

77 100

123 1.3 39.9 59.9#

65 112.0 10.7 16.1#

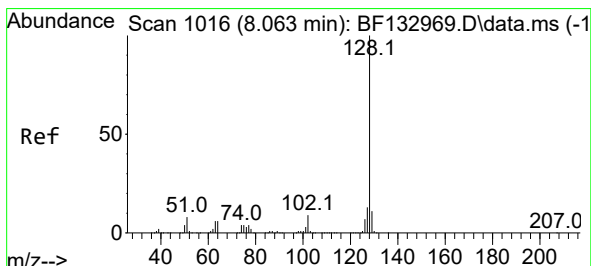
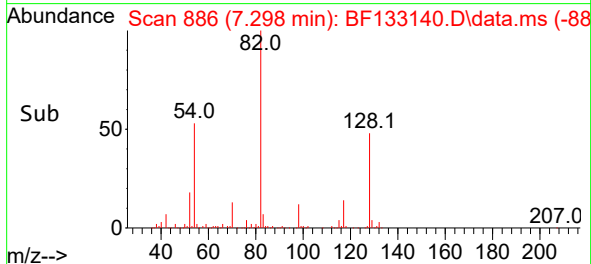
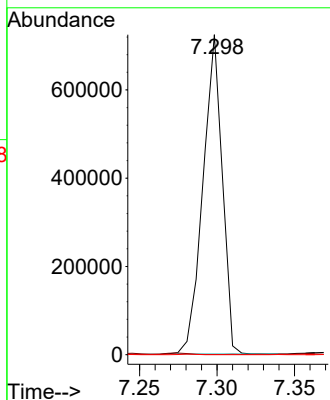
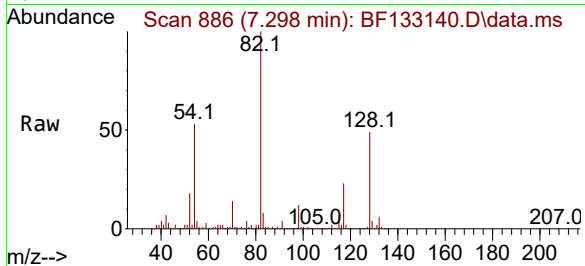




#25
Isophorone
Concen: 21.842 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

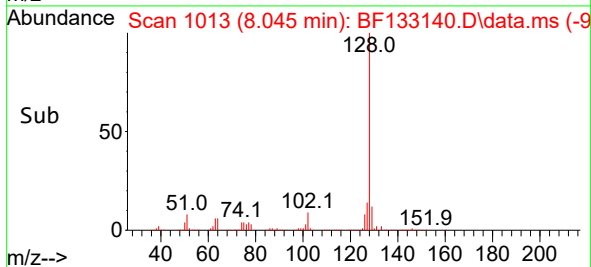
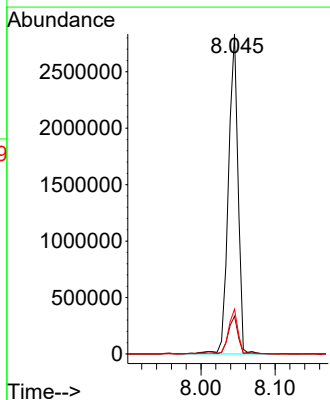
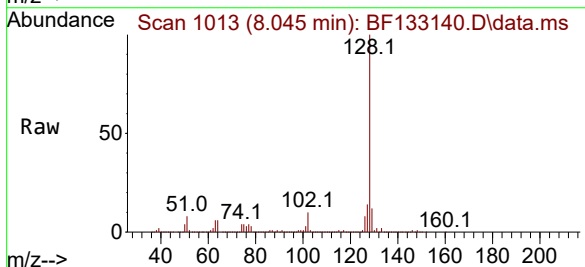
Instrument :
BNA_F
ClientSampleId :
MW-2DL

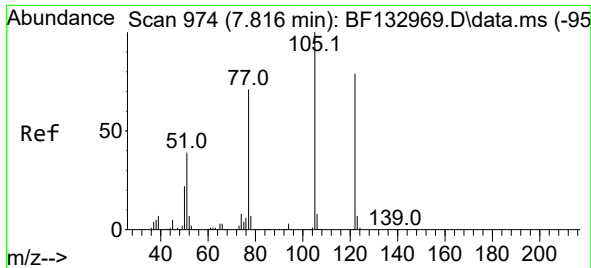
Tgt Ion: 82 Resp: 624978
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#31
Naphthalene
Concen: 62.396 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion: 128 Resp: 2537676
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.0 10.7 16.1

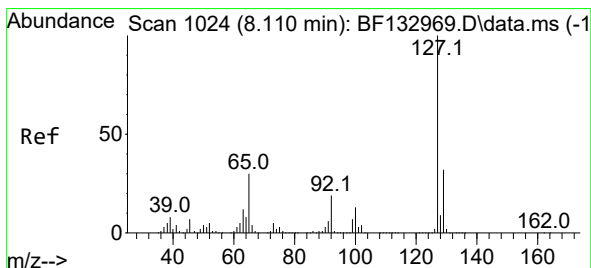
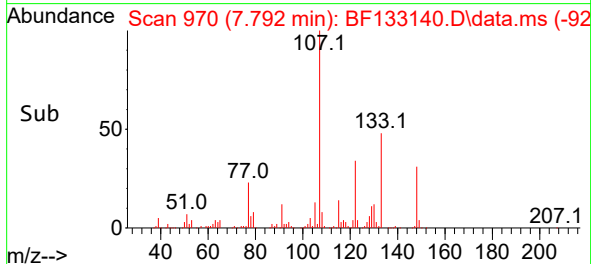
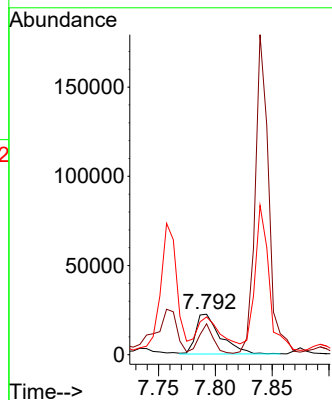
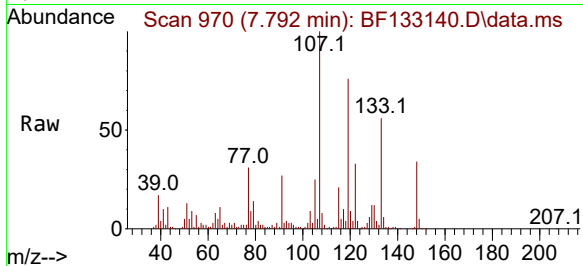




#32
Benzoic acid
Concen: 4.312 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

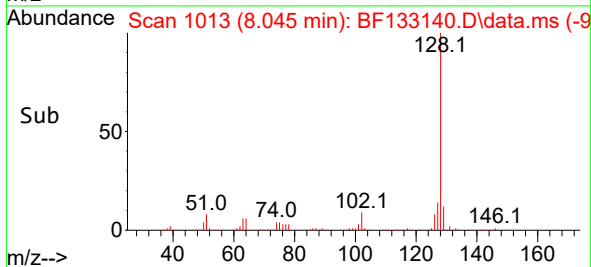
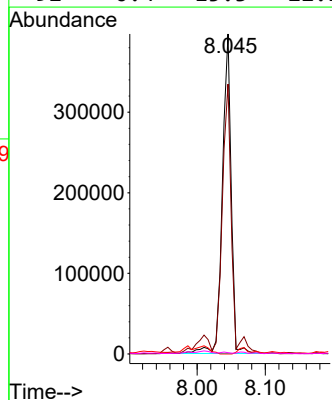
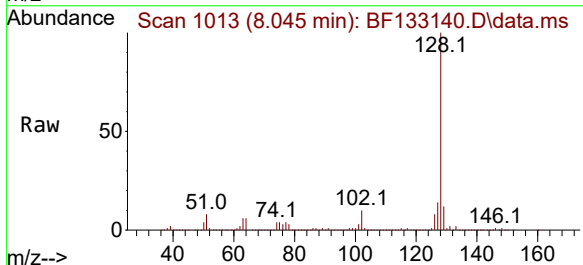
Instrument :
BNA_F
ClientSampleId :
MW-2DL

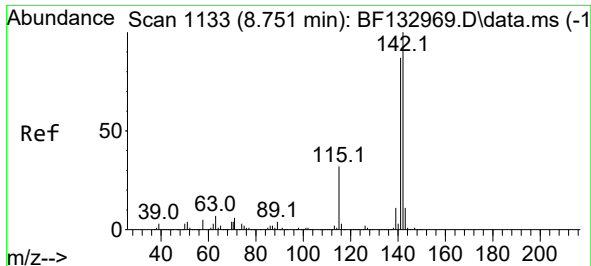
Tgt Ion:122 Resp: 33638
Ion Ratio Lower Upper
122 100
105 76.4 104.2 144.2#
77 93.2 69.7 109.7



#33
4-Chloroaniline
Concen: 21.725 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.047 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:127 Resp: 356991
Ion Ratio Lower Upper
127 100
129 84.3 25.8 38.8#
65 0.0 23.6 35.4#
92 0.4 15.3 22.9#





#37

2-Methylnaphthalene

Concen: 17.059 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

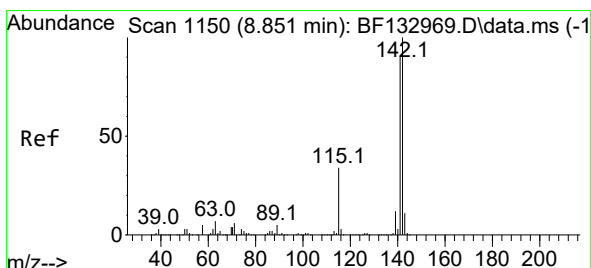
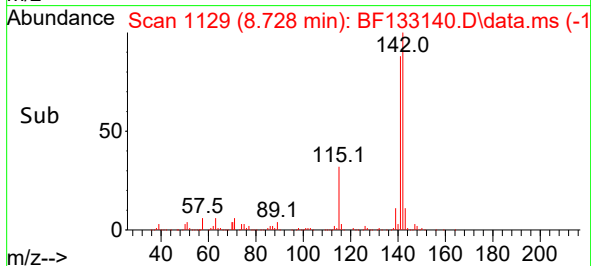
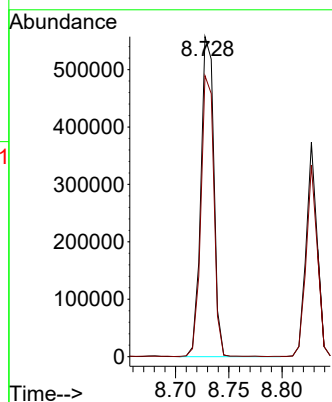
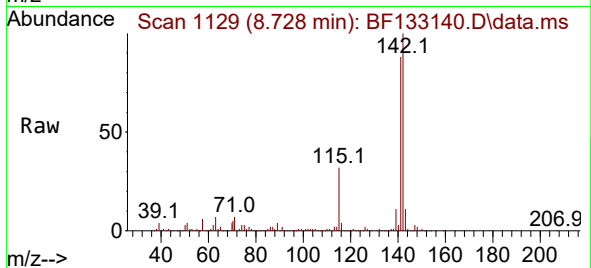
MW-2DL

Tgt Ion:142 Resp: 474330

Ion Ratio Lower Upper

142 100

141 87.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 10.327 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133140.D

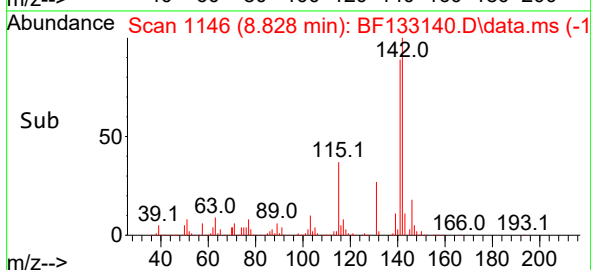
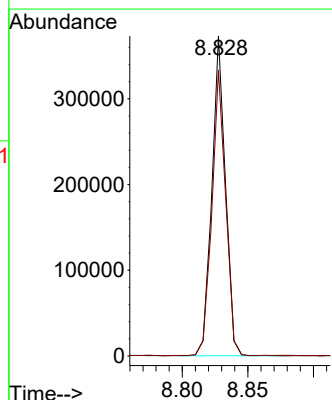
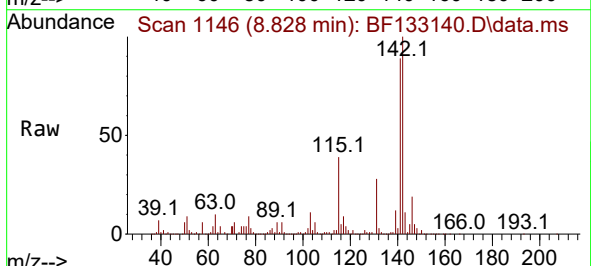
Acq: 29 Apr 2023 01:05

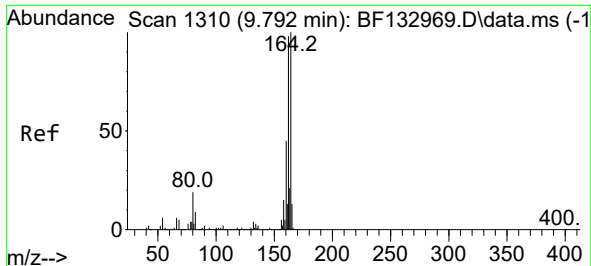
Tgt Ion:142 Resp: 268612

Ion Ratio Lower Upper

142 100

141 89.4 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: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL

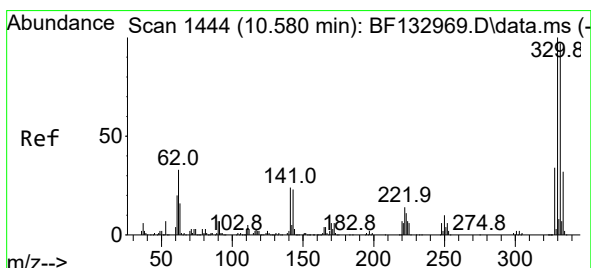
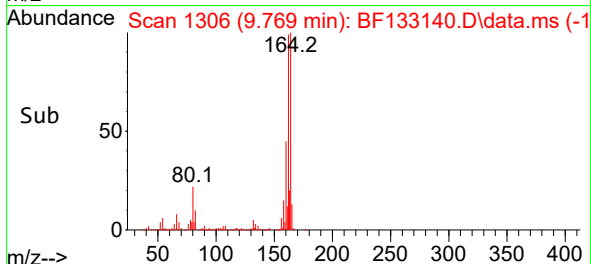
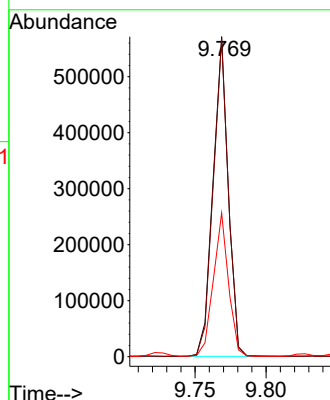
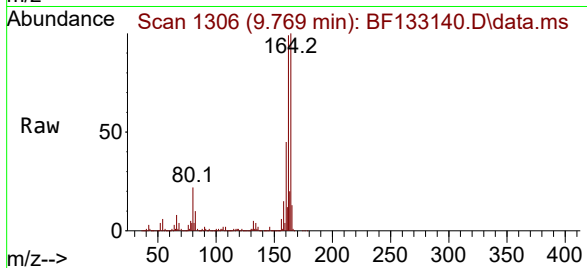
Tgt Ion:164 Resp: 426361

Ion Ratio Lower Upper

164 100

162 99.5 78.7 118.1

160 44.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 64.038 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

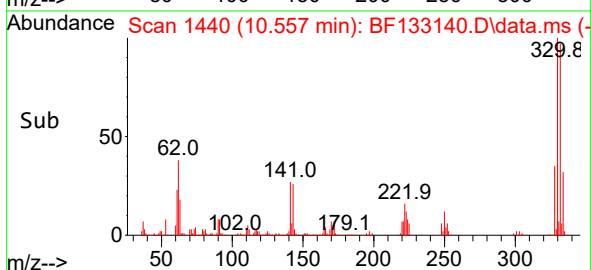
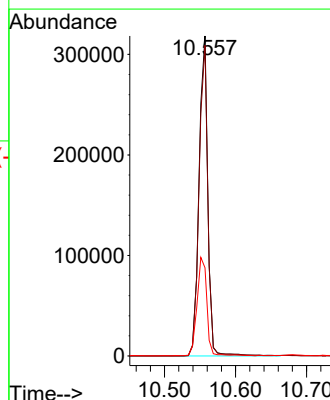
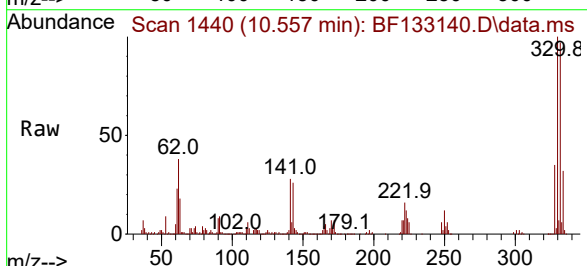
Tgt Ion:330 Resp: 274588

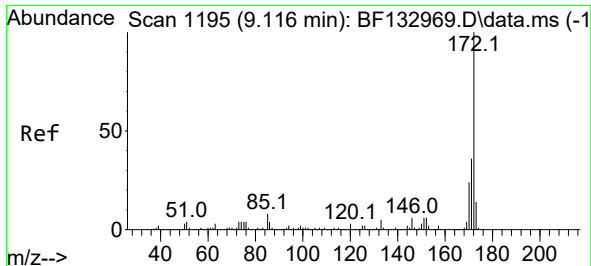
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 34.2 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 46.821 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL

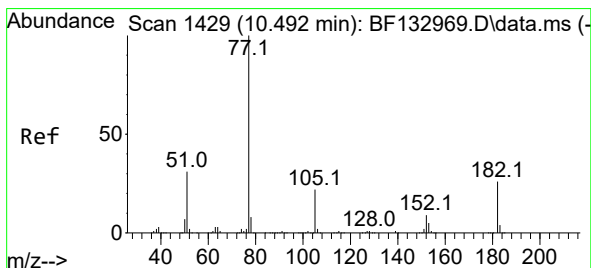
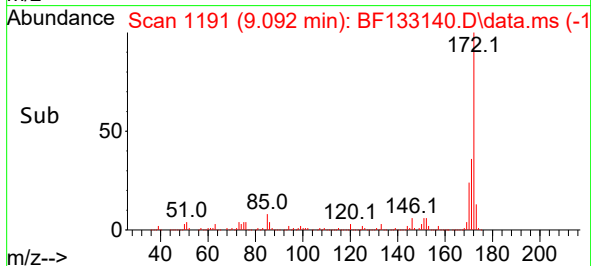
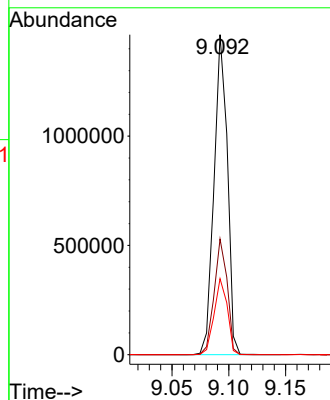
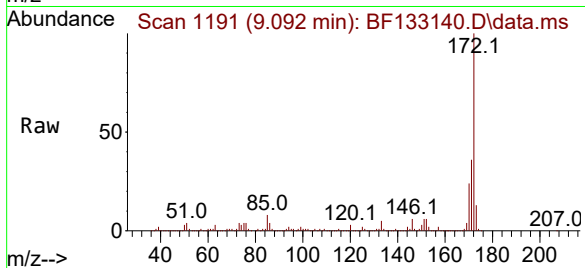
Tgt Ion:172 Resp: 1193235

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.8 19.4 29.2



#63

Azobenzene

Concen: 2.374 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Tgt Ion: 77 Resp: 70622

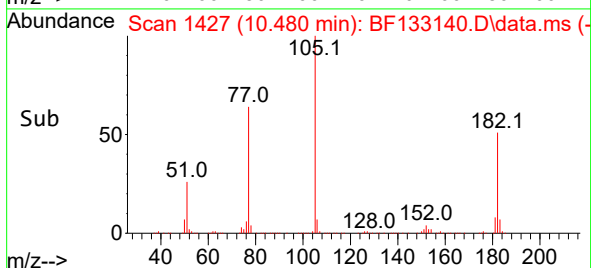
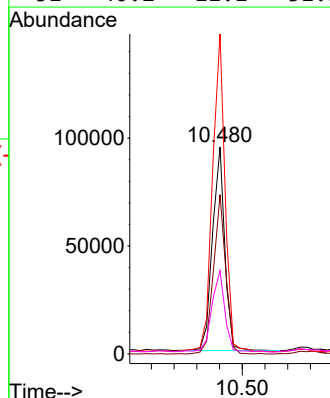
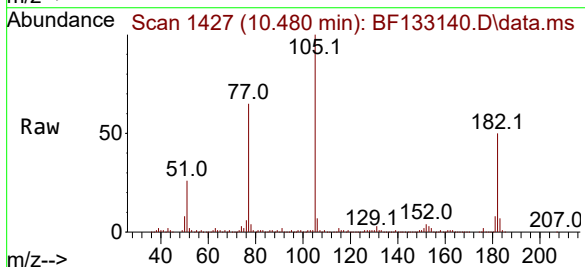
Ion Ratio Lower Upper

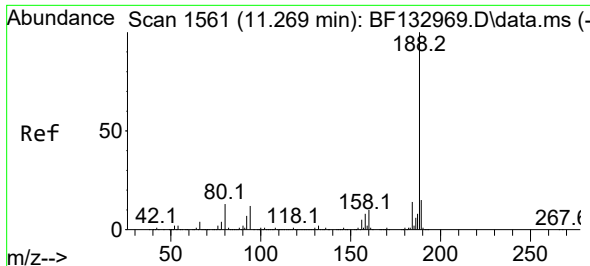
77 100

182 77.0 5.9 45.9#

105 154.6 2.3 42.3#

51 40.2 11.1 51.1

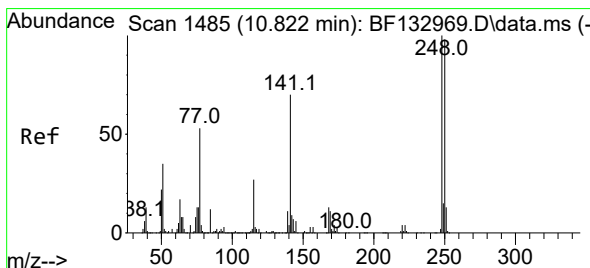
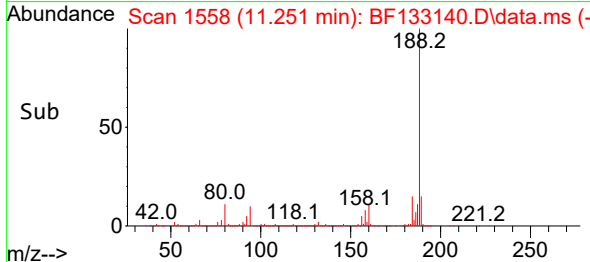
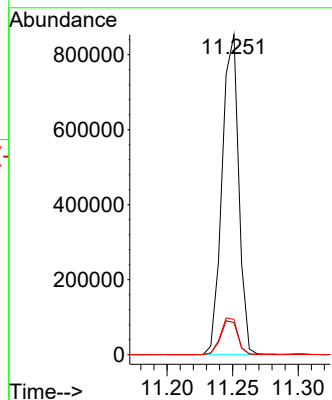
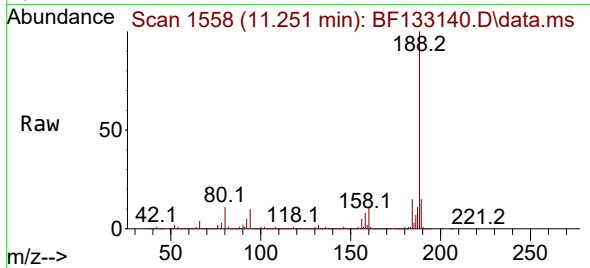




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

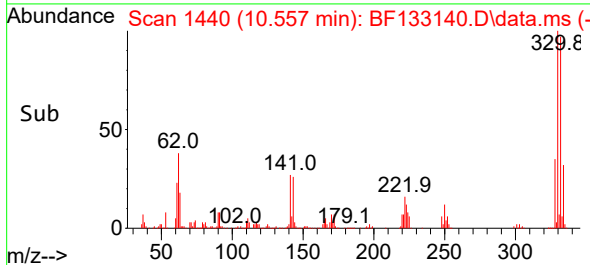
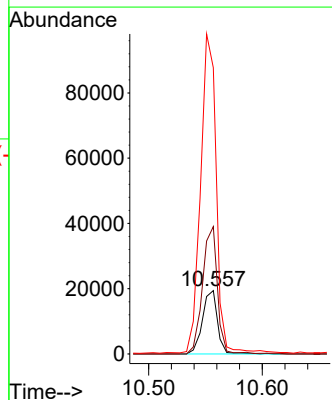
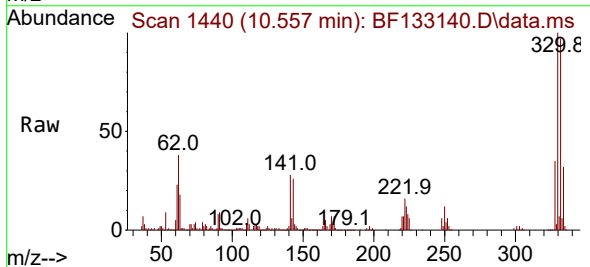
Instrument :
BNA_F
ClientSampleId :
MW-2DL

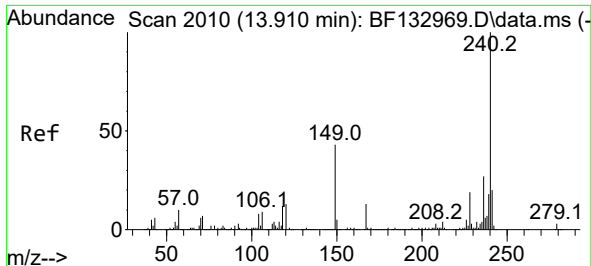
Tgt Ion:188 Resp: 753055
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 11.1 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 2.197 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:248 Resp: 17945
Ion Ratio Lower Upper
248 100
250 200.8 78.7 118.1#
141 451.3 56.3 84.5#

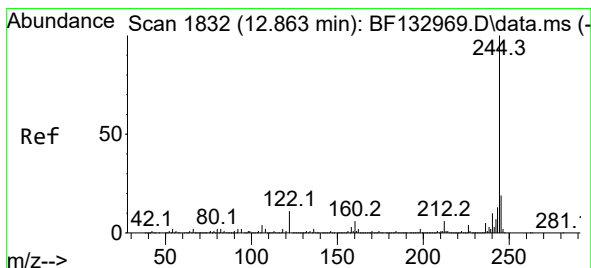
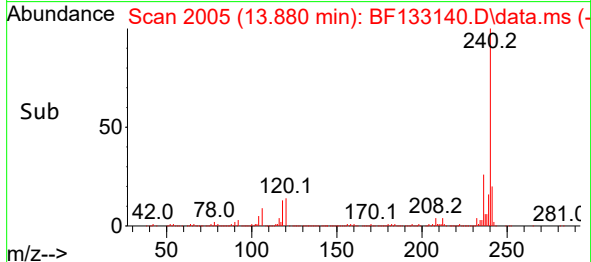
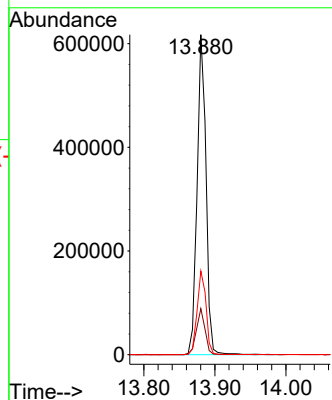
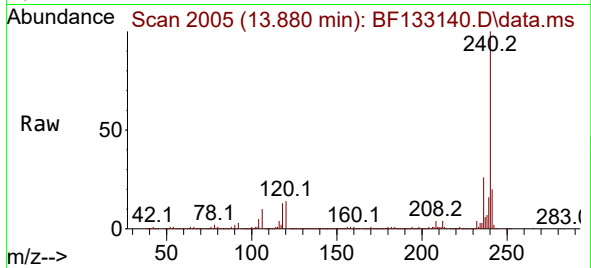




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

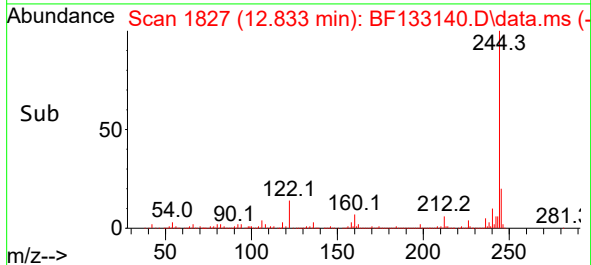
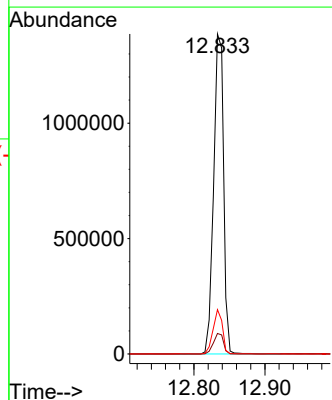
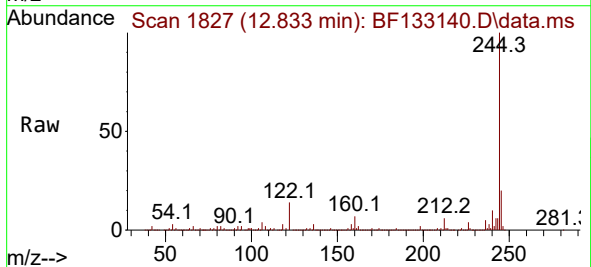
Instrument :
BNA_F
ClientSampleId :
MW-2DL

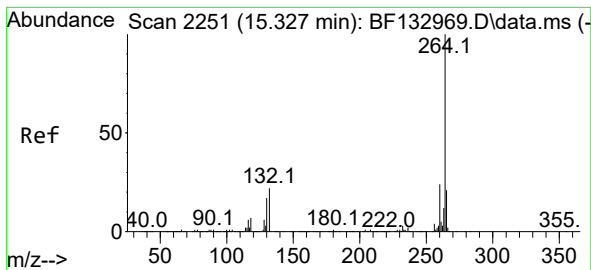
Tgt Ion:240 Resp: 540300
Ion Ratio Lower Upper
240 100
120 14.4 10.5 15.7
236 26.1 21.5 32.3



#79
Terphenyl-d14
Concen: 43.114 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:244 Resp: 1350668
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 13.9 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: BF133140.D

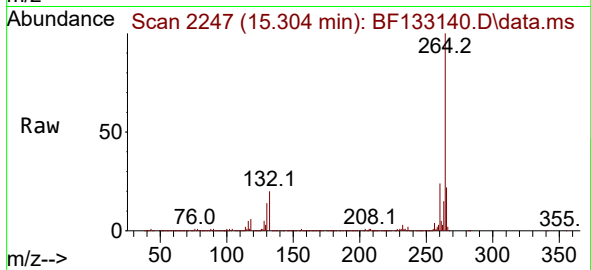
Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL



Tgt Ion:264 Resp: 401697

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.7 17.0 25.4

