

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138402.D
 Acq On : 01 Jul 2024 14:37
 Operator : CG\JU
 Sample : P3092-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20240626

Quant Time: Jul 01 15:00:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

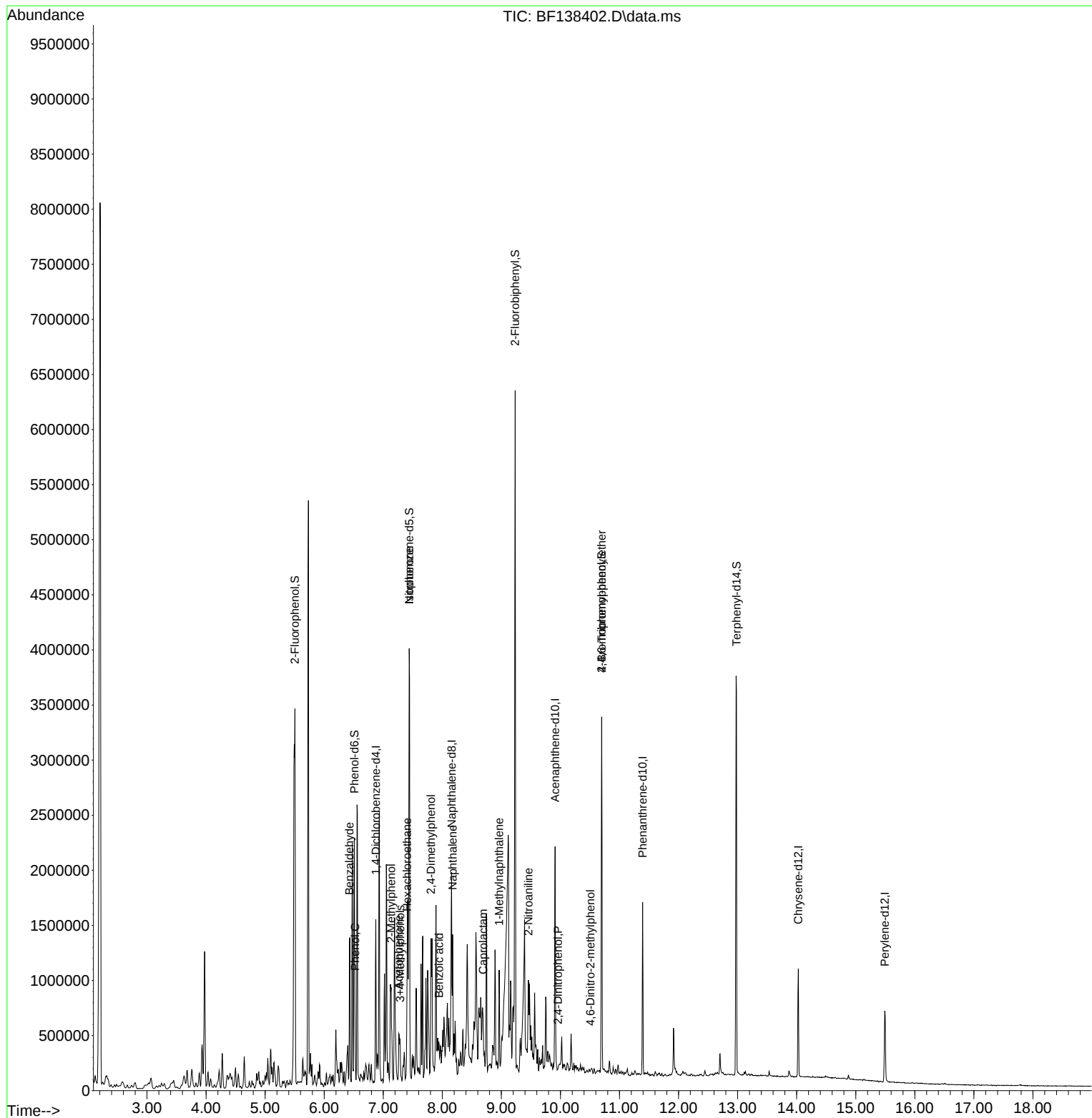
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	182194	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	702961	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	385210	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	511118	20.000	ng	0.00
76) Chrysene-d12	14.027	240	307249	20.000	ng	0.00
86) Perylene-d12	15.492	264	298037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	857863	78.065	ng	0.00
7) Phenol-d6	6.510	99	740066	49.993	ng	0.00
23) Nitrobenzene-d5	7.439	82	1222140	90.314	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	362338	115.130	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1877951	77.586	ng	0.00
79) Terphenyl-d14	12.980	244	1339771	59.758	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	52151	5.708	ng	# 1
10) Phenol	6.522	94	120937	7.668	ng	90
17) 2-Methylphenol	7.134	107	73170	7.484	ng	98
18) Hexachloroethane	7.404	117	66376	13.585	ng	# 1
20) 3+4-Methylphenols	7.287	107	43652	3.843	ng	# 69
22) Acetophenone	7.263	105	199066	12.482	ng	# 43
25) Isophorone	7.439	82	1212718	48.602	ng	# 67
27) 2,4-Dimethylphenol	7.810	122	231734	30.499	ng	98
31) Naphthalene	8.175	128	357111	10.049	ng	98
32) Benzoic acid	7.945	122	55845	11.454	ng	# 14
35) Caprolactam	8.692	113	48668	15.793	ng	93
38) 1-Methylnaphthalene	8.963	142	75270	3.379	ng	98
48) 2-Nitroaniline	9.457	65	34104	4.821	ng	# 27
54) 2,4-Dinitrophenol	9.957	184	135	8.982	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.510	198	74	5.824	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	24602	4.478	ng	# 1

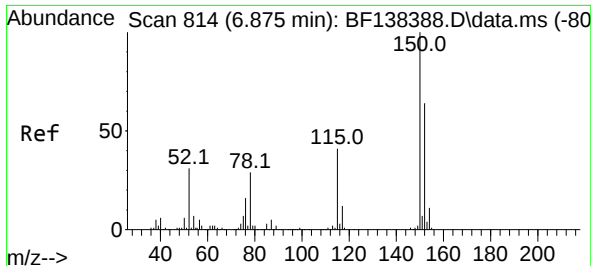
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138402.D
Acq On : 01 Jul 2024 14:37
Operator : CG\JU
Sample : P3092-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20240626

Quant Time: Jul 01 15:00:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

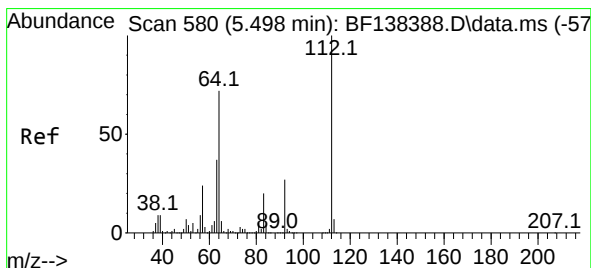
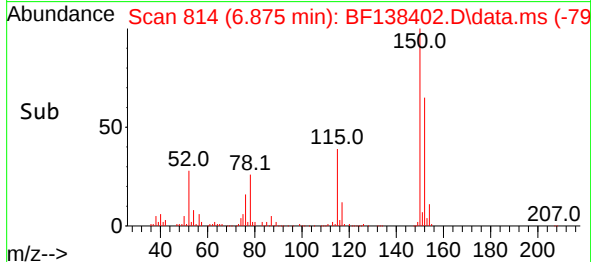
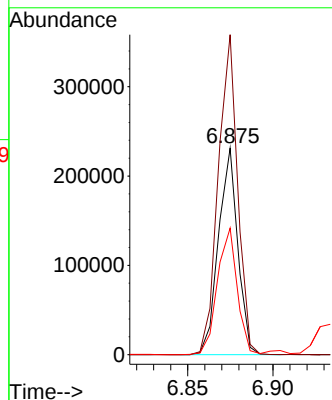
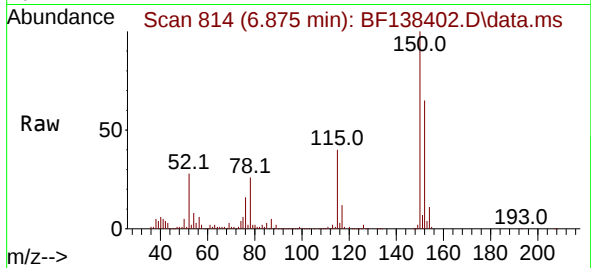




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

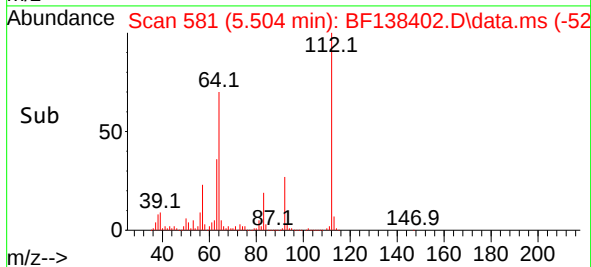
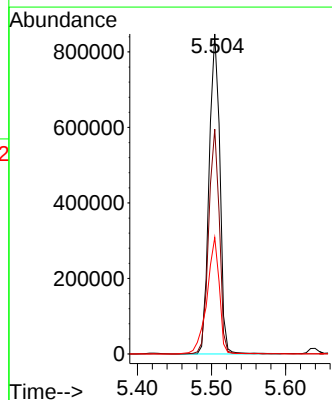
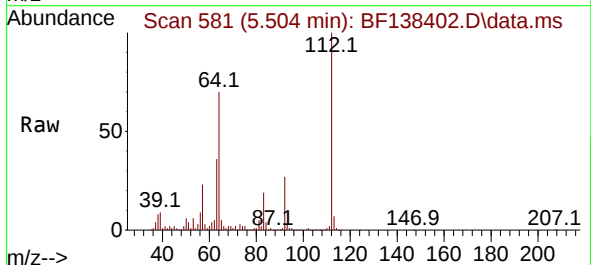
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

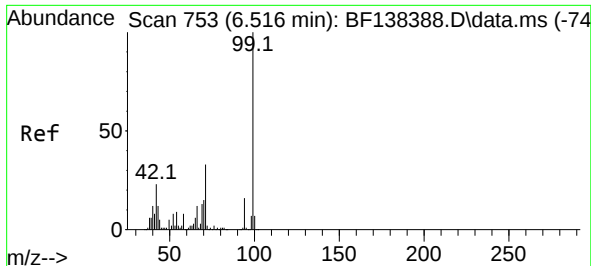
Tgt Ion:152 Resp: 182194
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 61.2 50.8 76.2



#5
2-Fluorophenol
Concen: 78.065 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:112 Resp: 857863
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 36.4 29.4 44.0

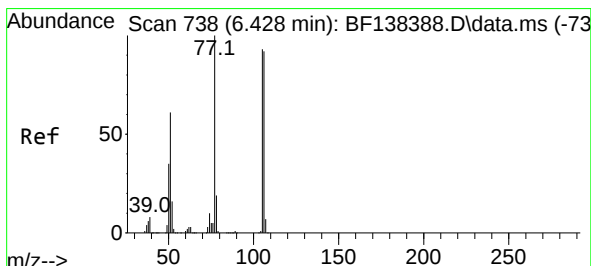
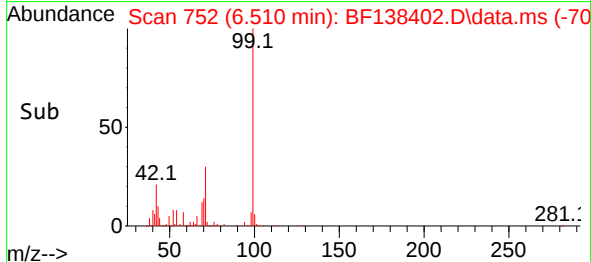
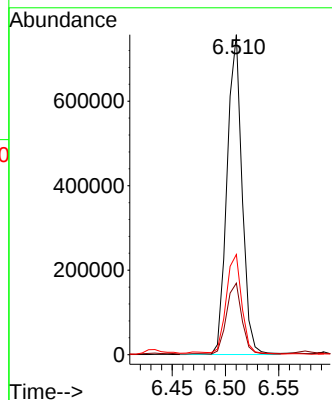
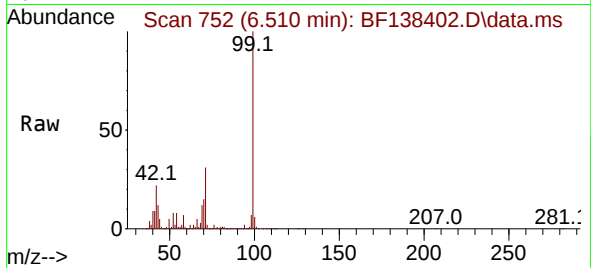




#7
Phenol-d6
Concen: 49.993 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

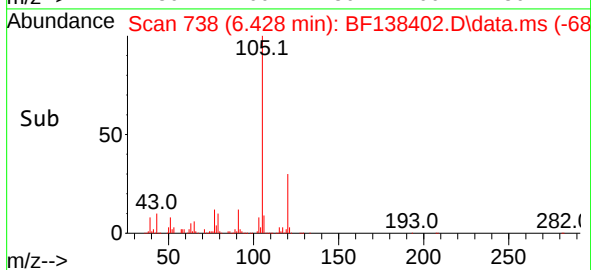
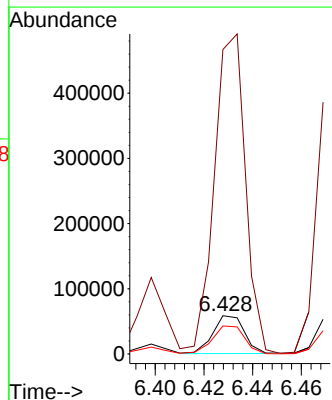
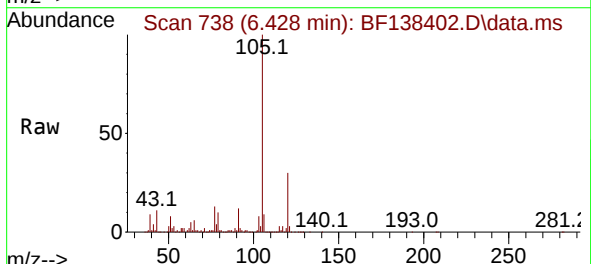
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

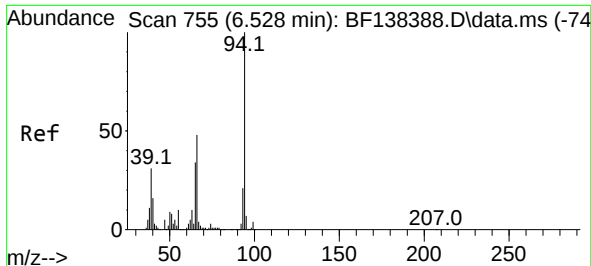
Tgt Ion: 99 Resp: 740066
Ion Ratio Lower Upper
99 100
42 22.3 18.5 27.7
71 31.3 26.1 39.1



#9
Benzaldehyde
Concen: 5.708 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion: 77 Resp: 52151
Ion Ratio Lower Upper
77 100
105 795.1 73.2 113.2#
106 73.3 71.5 111.5

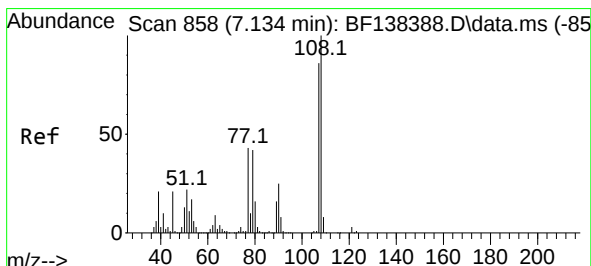
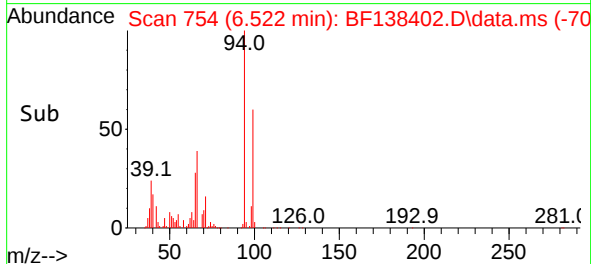
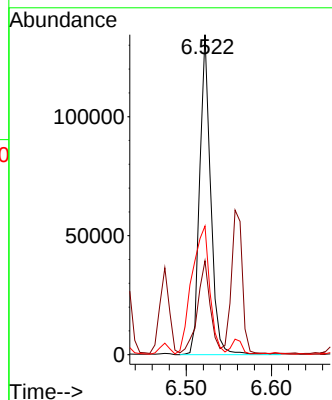
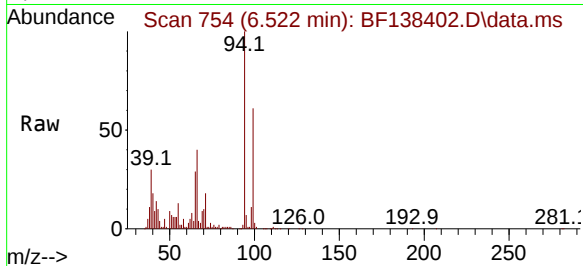




#10
Phenol
Concen: 7.668 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

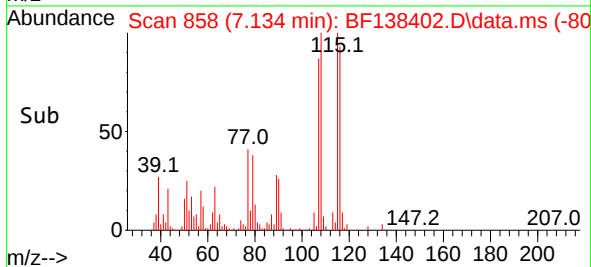
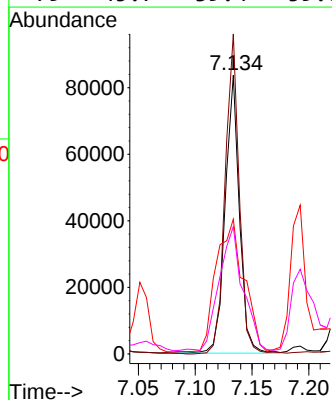
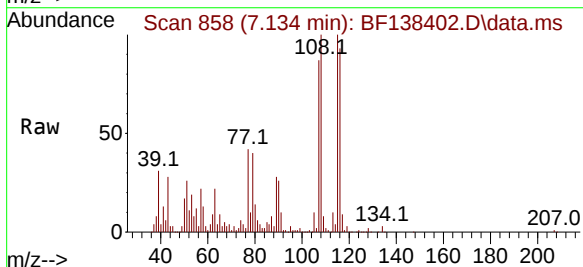
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

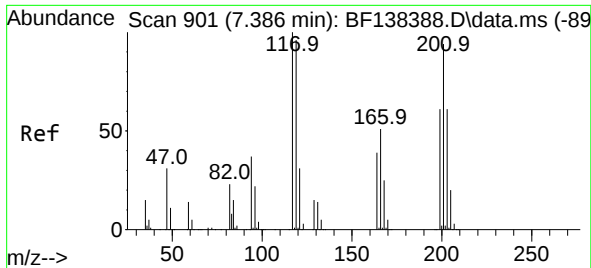
Tgt Ion: 94 Resp: 120937
Ion Ratio Lower Upper
94 100
65 29.3 14.2 54.2
66 40.2 27.9 67.9



#17
2-Methylphenol
Concen: 7.484 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion: 107 Resp: 73170
Ion Ratio Lower Upper
107 100
108 114.8 92.6 138.8
77 48.4 40.3 60.5
79 45.7 39.4 59.0

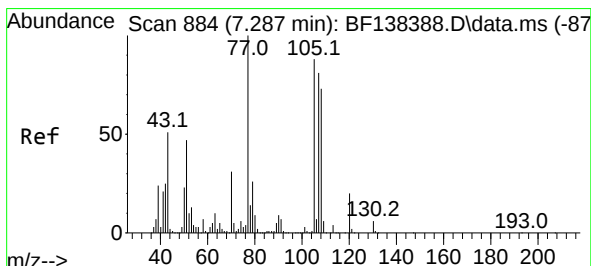
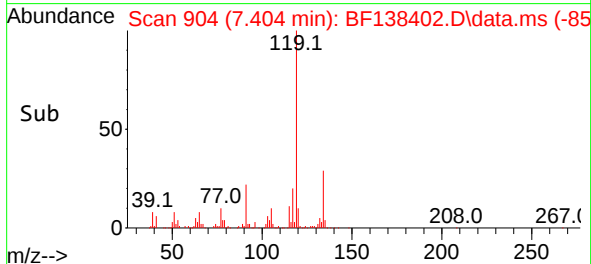
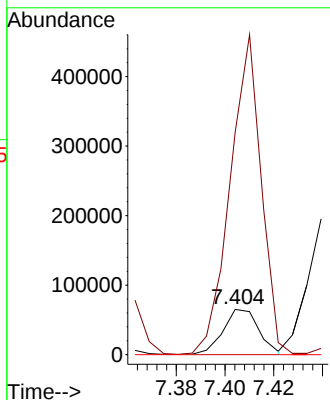
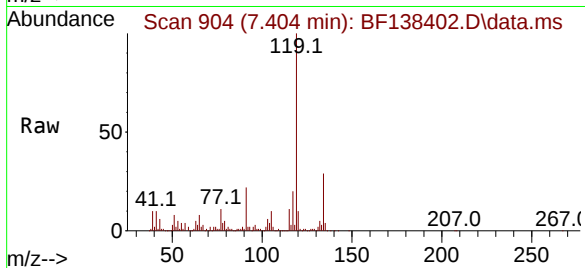




#18
Hexachloroethane
Concen: 13.585 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.018 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

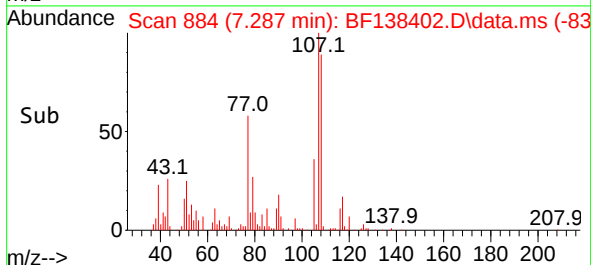
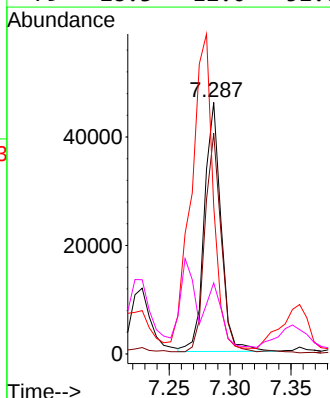
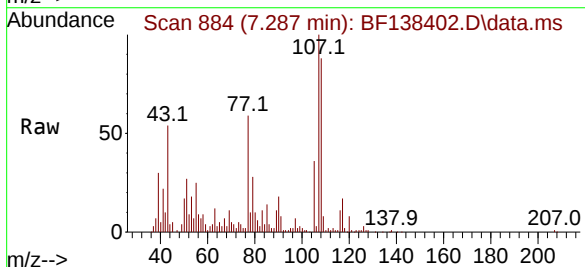
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

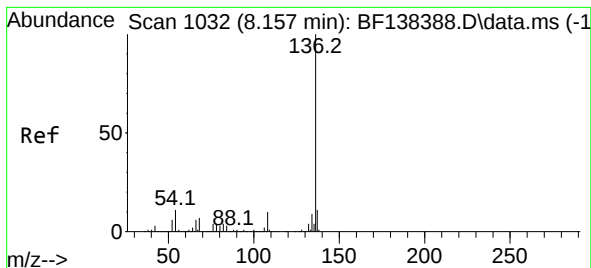
Tgt Ion:117 Resp: 66376
Ion Ratio Lower Upper
117 100
119 489.7 77.1 115.7#
201 0.0 75.6 113.4#



#20
3+4-Methylphenols
Concen: 3.843 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:107 Resp: 43652
Ion Ratio Lower Upper
107 100
108 87.7 70.8 110.8
77 58.8 104.0 144.0#
79 28.3 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW6-20240626

Tgt Ion:136 Resp: 702961

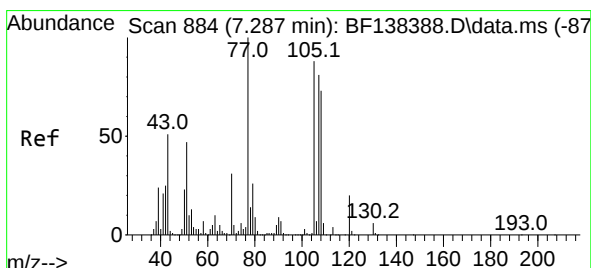
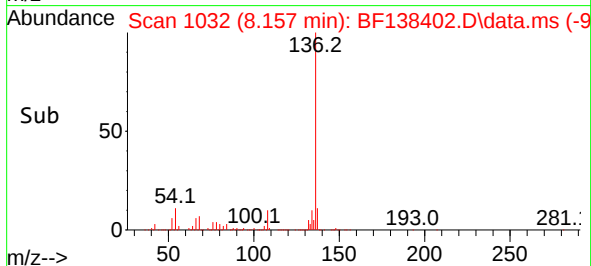
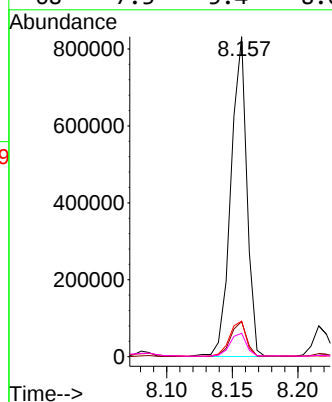
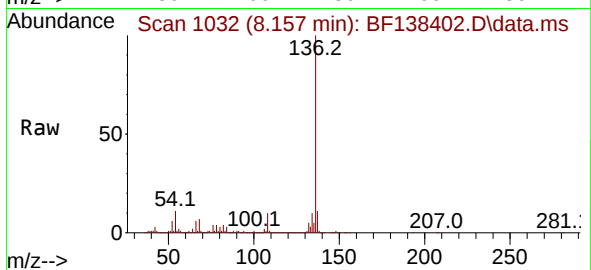
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.1 9.0 13.4

68 7.3 5.4 8.0



#22

Acetophenone

Concen: 12.482 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.023 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Tgt Ion:105 Resp: 199066

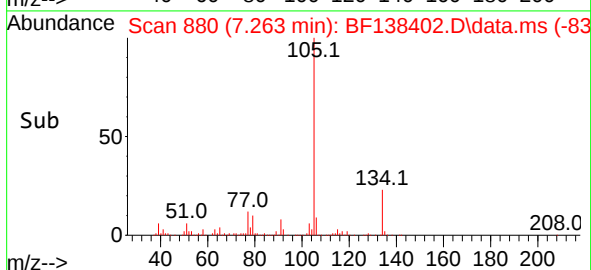
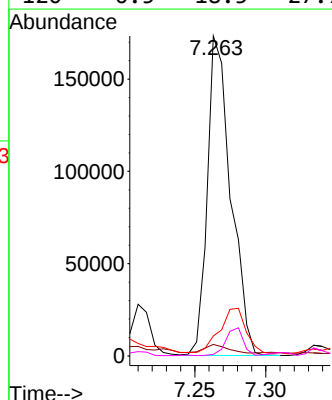
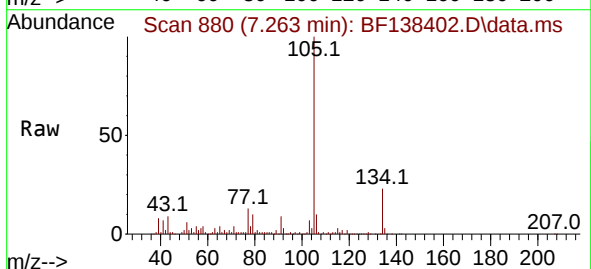
Ion Ratio Lower Upper

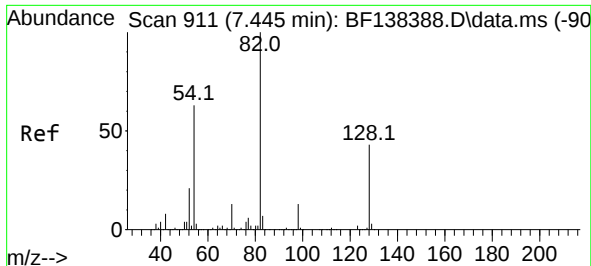
105 100

71 3.6 4.7 7.1#

51 6.2 43.2 64.8#

120 0.5 18.5 27.7#





#23

Nitrobenzene-d5

Concen: 90.314 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW6-20240626

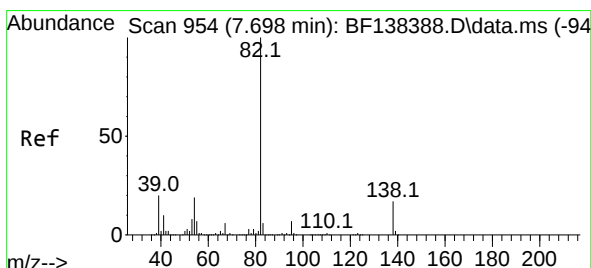
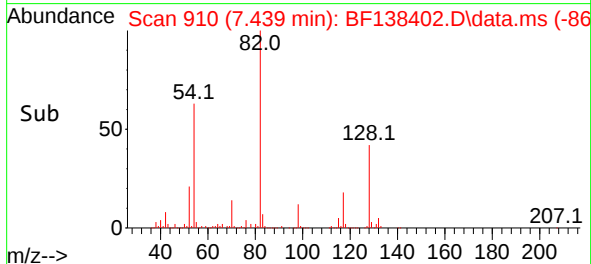
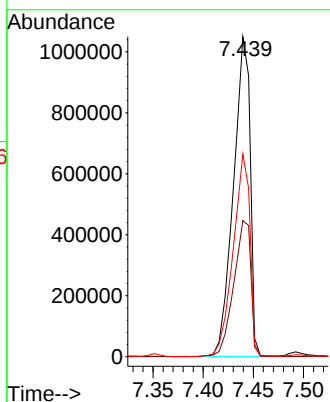
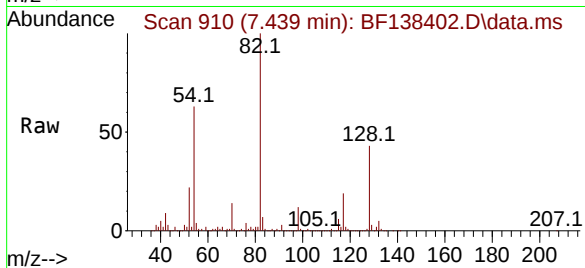
Tgt Ion: 82 Resp: 1222140

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

54 63.2 50.5 75.7



#25

Isophorone

Concen: 48.602 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.259 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

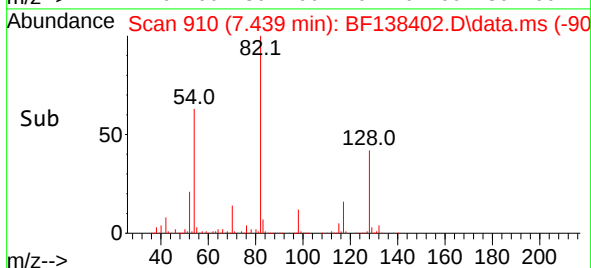
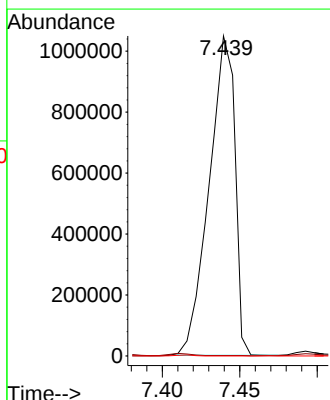
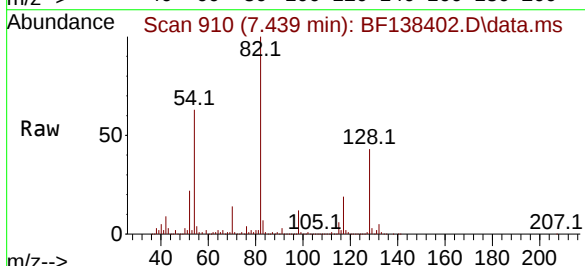
Tgt Ion: 82 Resp: 1212718

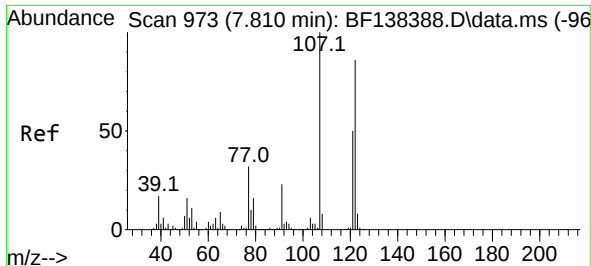
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 13.4 20.2#

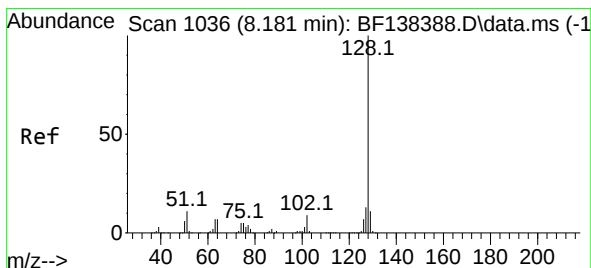
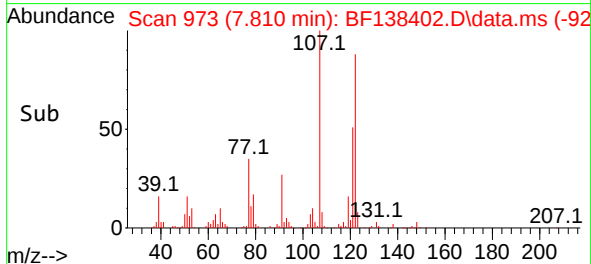
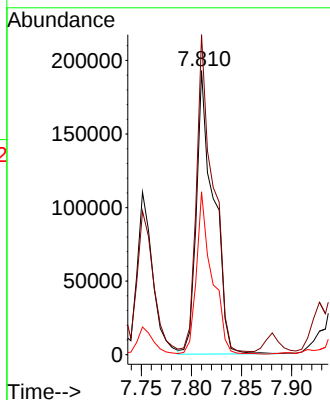
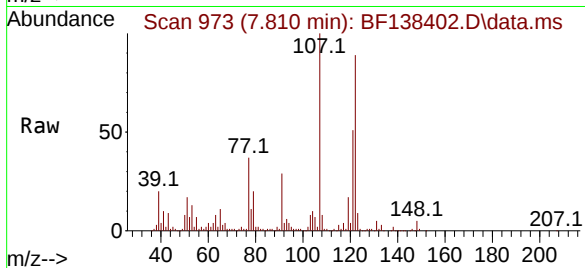




#27
2,4-Dimethylphenol
Concen: 30.499 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

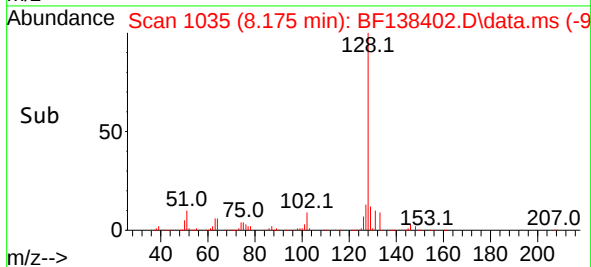
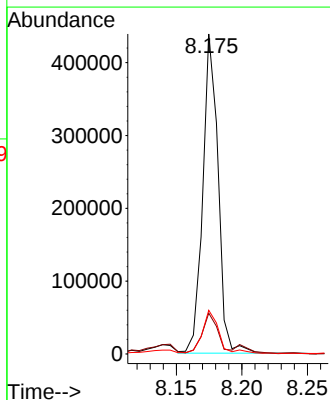
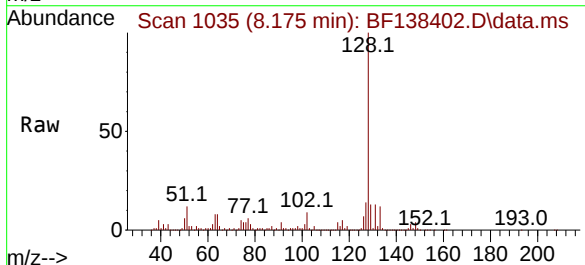
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

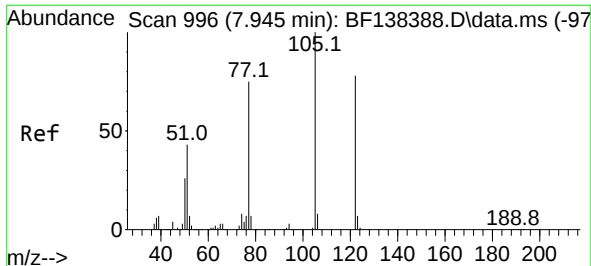
Tgt Ion:122 Resp: 231734
Ion Ratio Lower Upper
122 100
107 112.7 92.5 138.7
121 57.4 46.5 69.7



#31
Naphthalene
Concen: 10.049 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:128 Resp: 357111
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 13.7 10.6 16.0

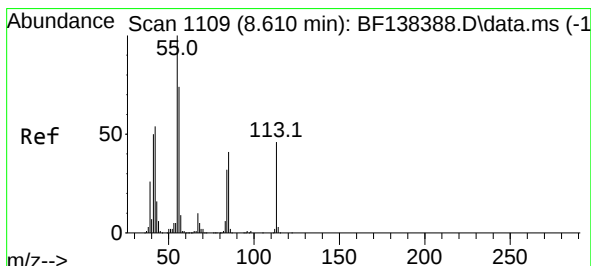
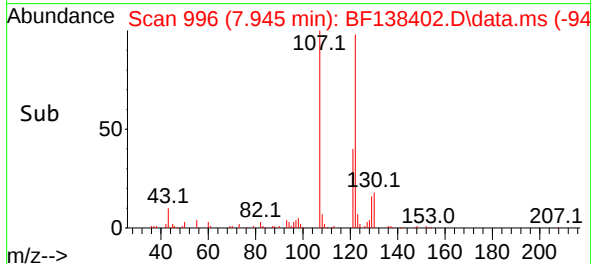
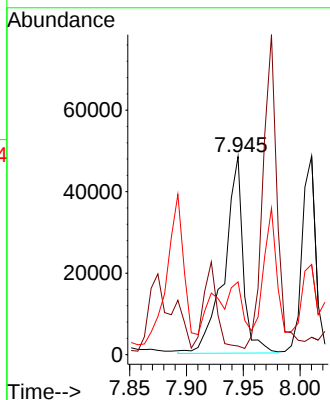
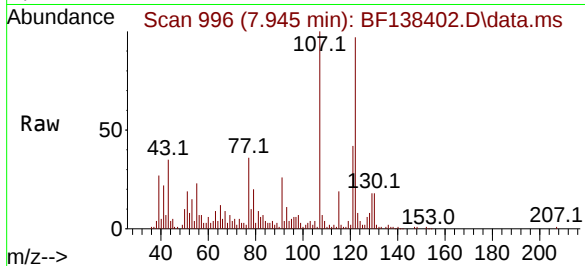




#32
Benzoic acid
Concen: 11.454 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

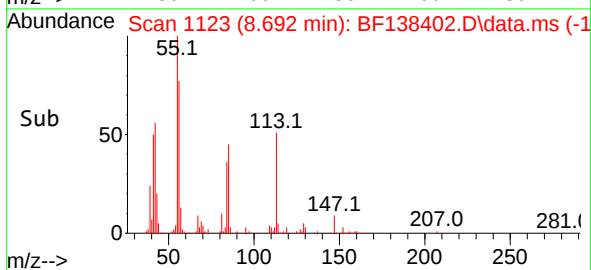
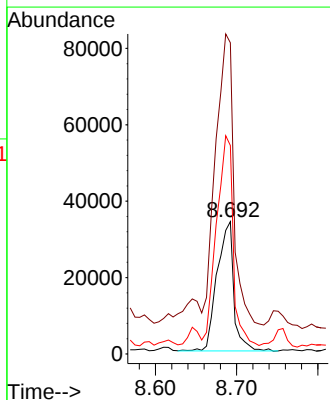
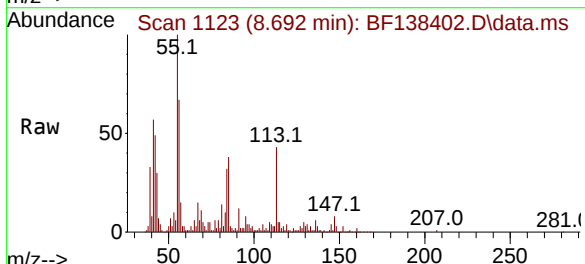
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

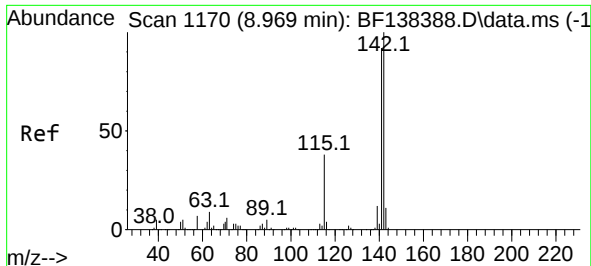
Tgt Ion:122 Resp: 55845
Ion Ratio Lower Upper
122 100
105 4.3 103.8 143.8#
77 36.8 74.3 114.3#



#35
Caprolactam
Concen: 15.793 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.082 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:113 Resp: 48668
Ion Ratio Lower Upper
113 100
55 235.2 195.9 235.9
56 157.5 138.7 178.7

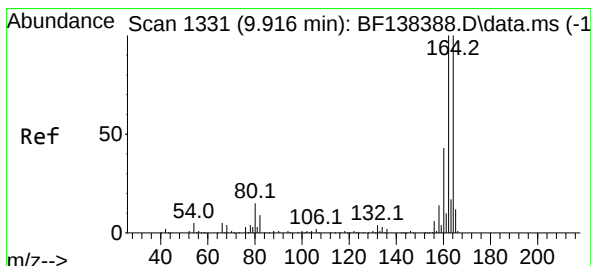
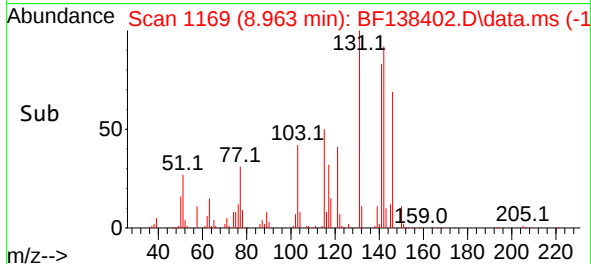
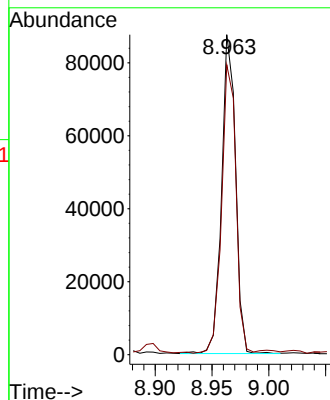
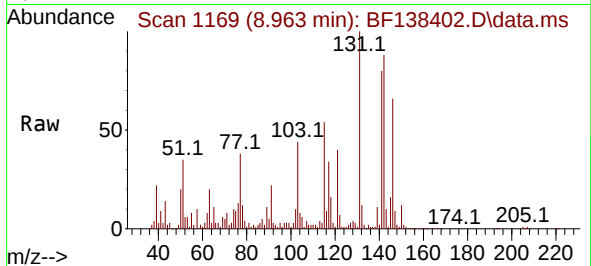




#38
1-Methylnaphthalene
Concen: 3.379 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

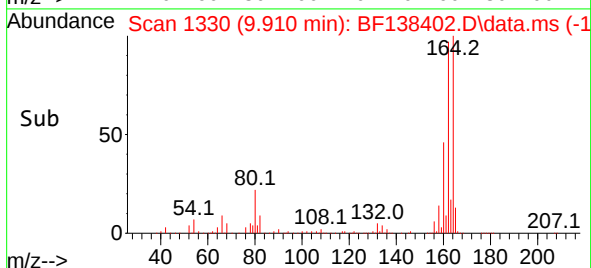
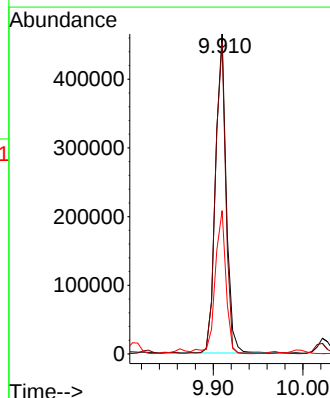
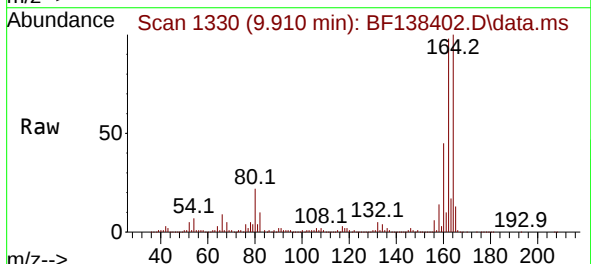
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

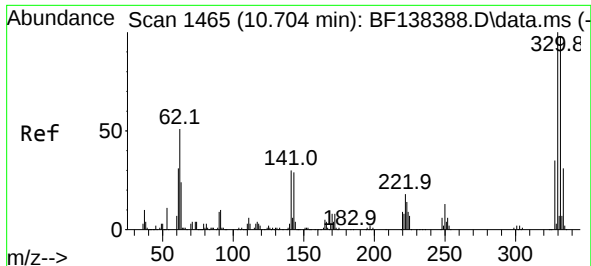
Tgt Ion:142 Resp: 75270
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:164 Resp: 385210
Ion Ratio Lower Upper
164 100
162 97.6 80.1 120.1
160 44.8 34.1 51.1

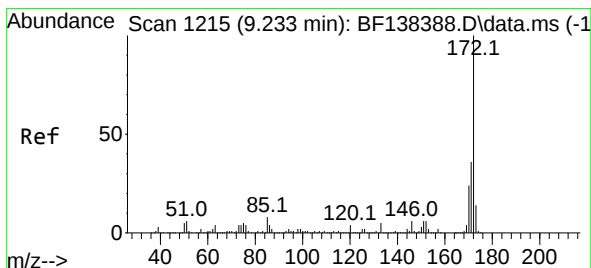
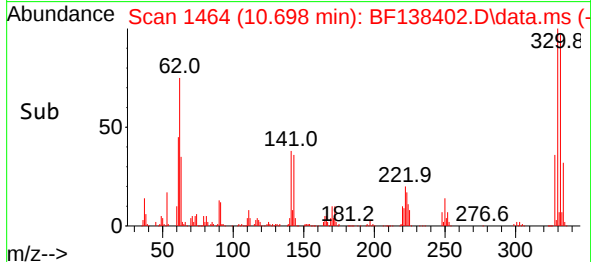
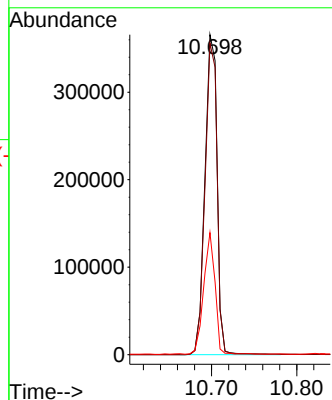
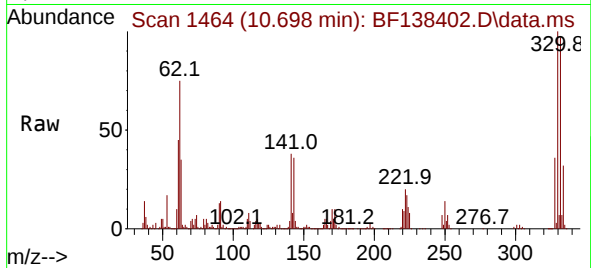




#42
 2,4,6-Tribromophenol
 Concen: 115.130 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: BF138402.D
 Acq: 01 Jul 2024 14:37

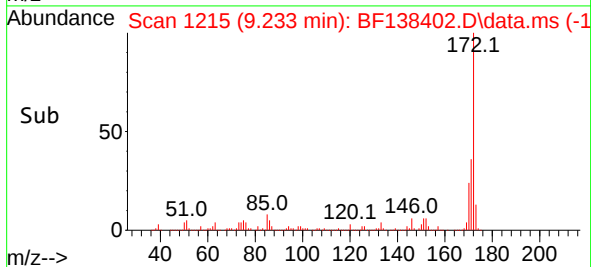
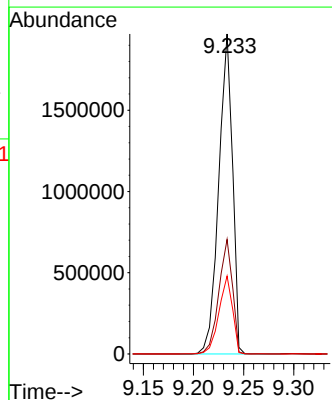
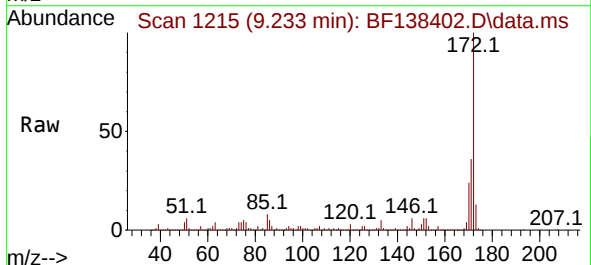
Instrument :
 BNA_F
 ClientSampleId :
 MW6-20240626

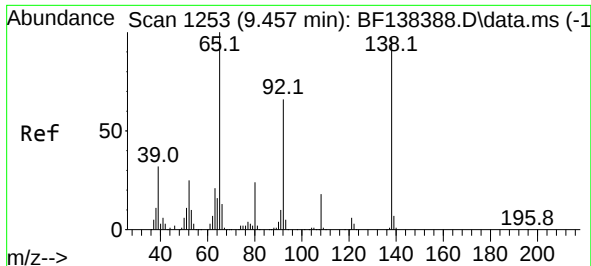
Tgt Ion:330 Resp: 362338
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 35.4 28.1 42.1



#45
 2-Fluorobiphenyl
 Concen: 77.586 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: BF138402.D
 Acq: 01 Jul 2024 14:37

Tgt Ion:172 Resp: 1877951
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.3 19.0 28.6

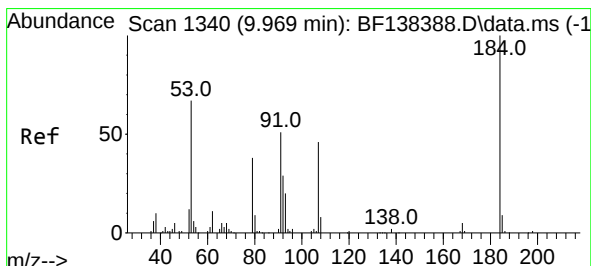
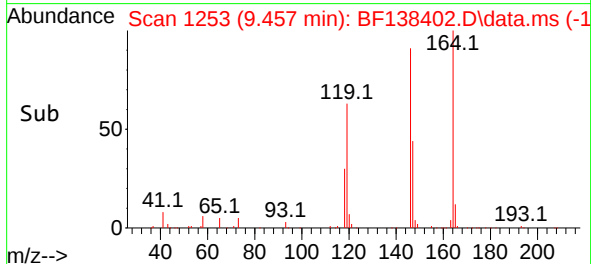
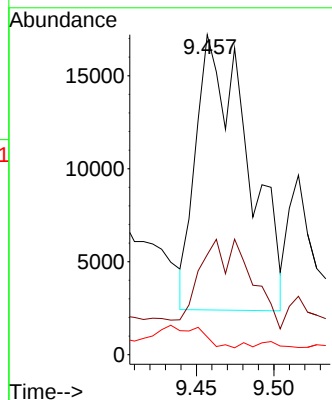
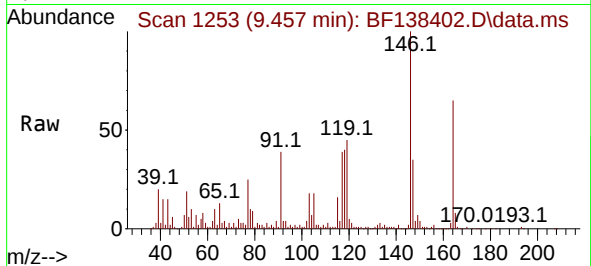




#48
2-Nitroaniline
Concen: 4.821 ng
RT: 9.457 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

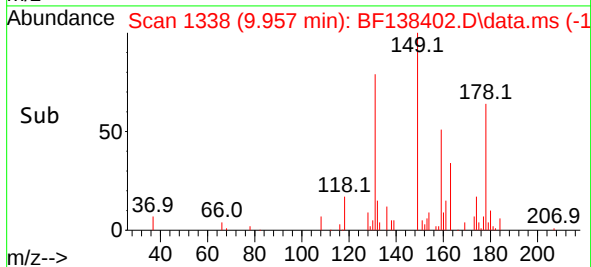
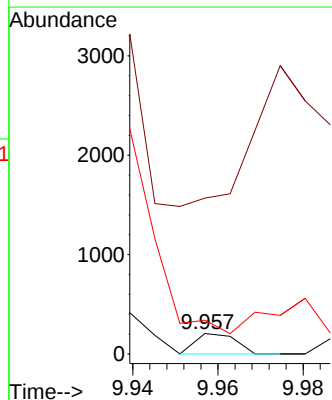
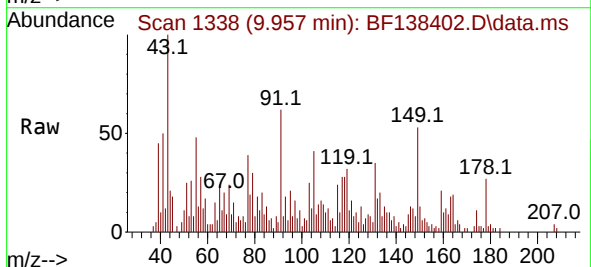
Instrument :
BNA_F
ClientSampleId :
MW6-20240626

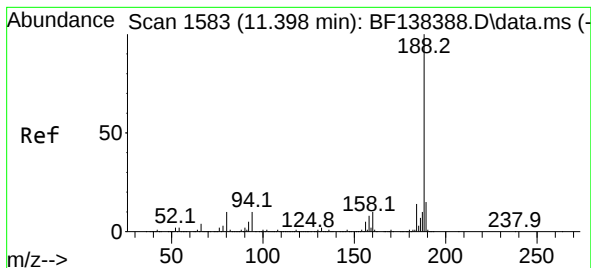
Tgt Ion: 65 Resp: 34104
Ion Ratio Lower Upper
65 100
92 31.2 52.6 79.0#
138 5.5 77.4 116.0#



#54
2,4-Dinitrophenol
Concen: 8.982 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion: 184 Resp: 135
Ion Ratio Lower Upper
184 100
63 761.2 67.3 100.9#
154 165.0 51.0 76.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW6-20240626

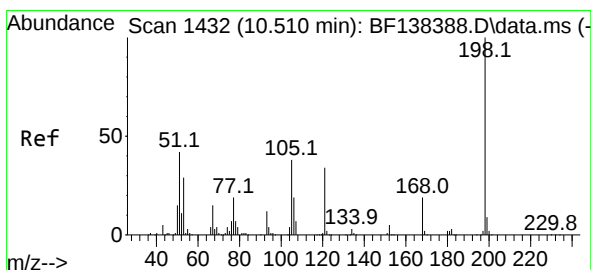
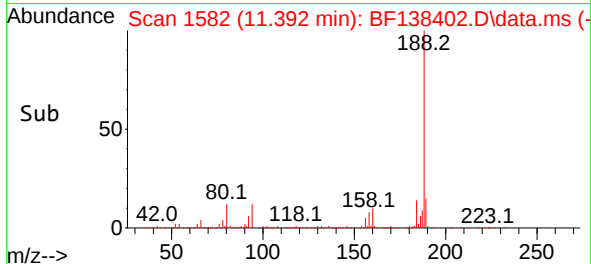
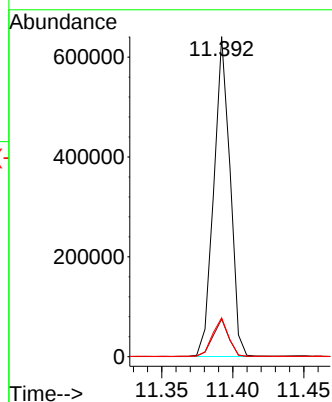
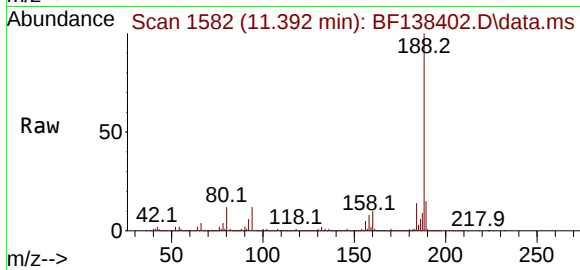
Tgt Ion:188 Resp: 511118

Ion Ratio Lower Upper

188 100

94 11.8 8.0 12.0

80 12.2 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.824 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

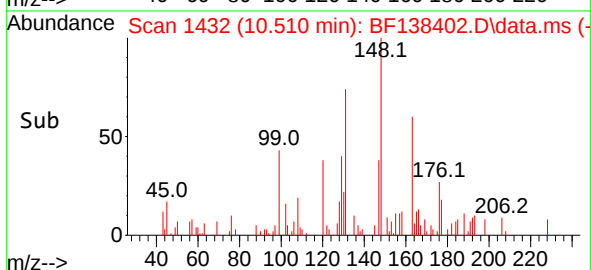
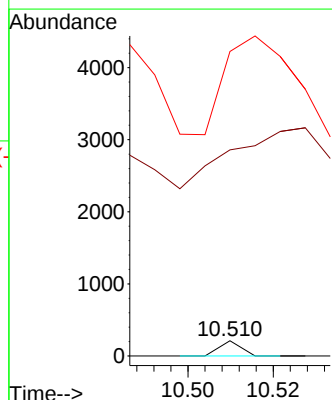
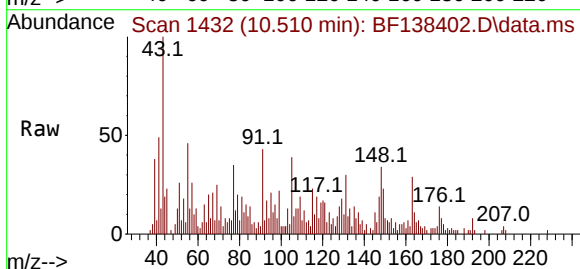
Tgt Ion:198 Resp: 74

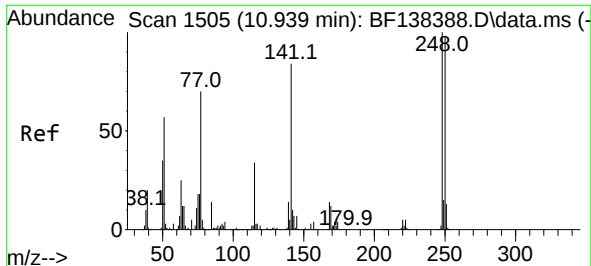
Ion Ratio Lower Upper

198 100

51 1355.0 27.9 67.9#

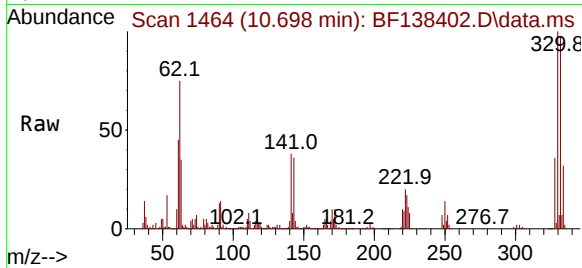
105 2001.4 18.2 58.2#



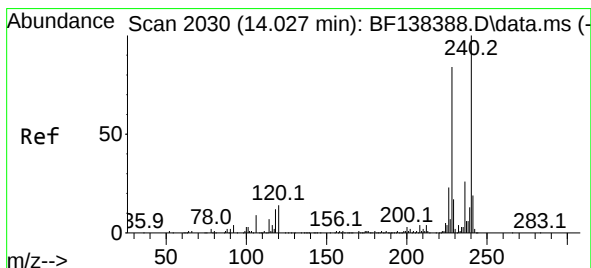
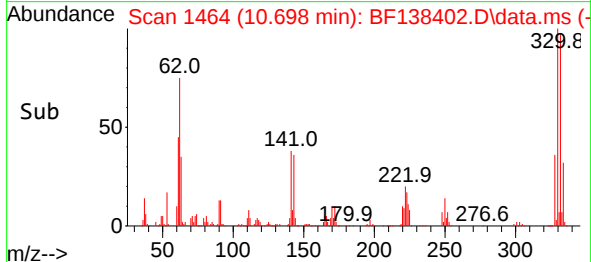
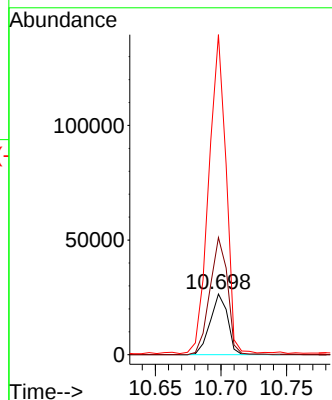


#67
4-Bromophenyl-phenylether
Concen: 4.478 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Instrument :
BNA_F
ClientSampleId :
MW6-20240626

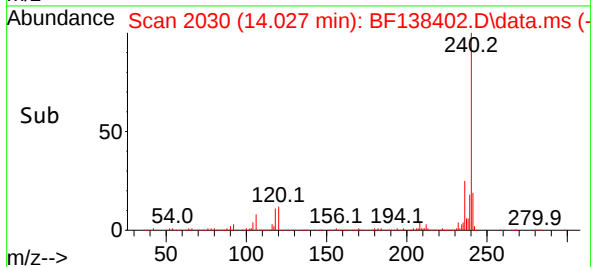
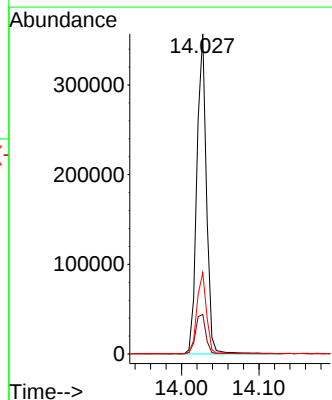
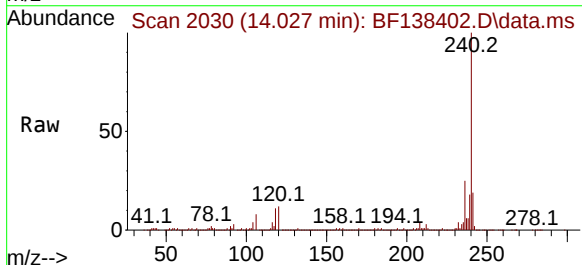


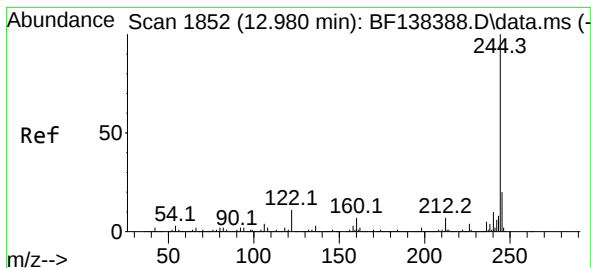
Tgt Ion:248 Resp: 24602
Ion Ratio Lower Upper
248 100
250 193.3 78.2 117.4#
141 528.1 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138402.D
Acq: 01 Jul 2024 14:37

Tgt Ion:240 Resp: 307249
Ion Ratio Lower Upper
240 100
120 12.4 10.9 16.3
236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 59.758 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_F

ClientSampleId :

MW6-20240626

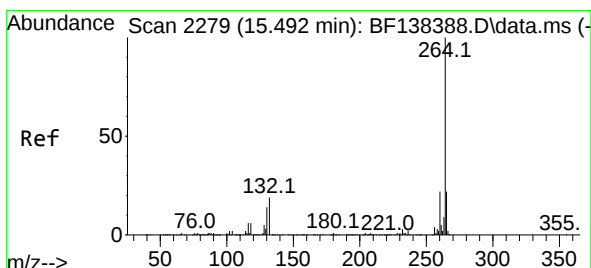
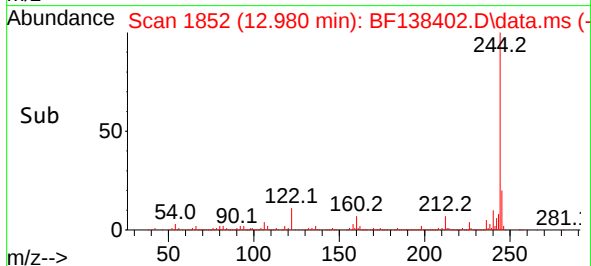
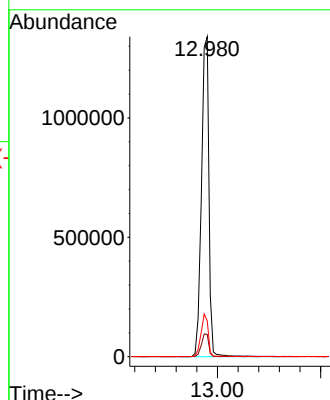
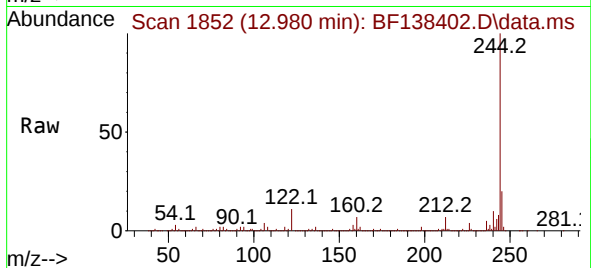
Tgt Ion:244 Resp: 1339771

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Tgt Ion:264 Resp: 298037

Ion Ratio Lower Upper

264 100

260 24.1 17.8 26.6

265 22.3 17.5 26.3

