

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138403.D
 Acq On : 01 Jul 2024 15:06
 Operator : CG\JU
 Sample : P3092-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20240626-A

Quant Time: Jul 01 15:28:16 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)

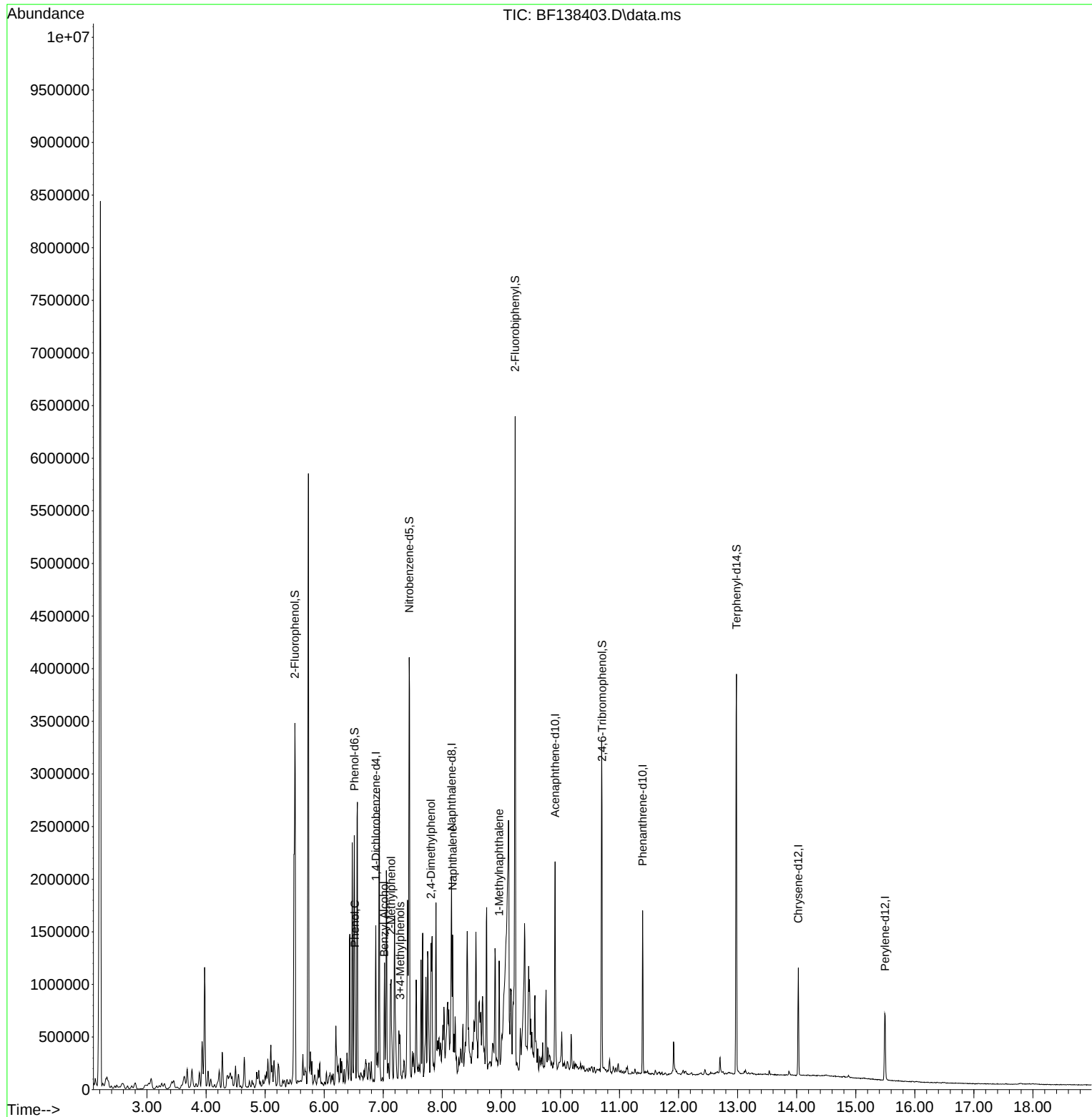
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	180237	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	699705	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	388056	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	512613	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	306818	20.000	ng	0.00
86) Perylene-d12	15.498	264	301725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	896134	82.433	ng	0.00
7) Phenol-d6	6.510	99	764788	52.224	ng	0.00
23) Nitrobenzene-d5	7.439	82	1234310	91.638	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	367274	115.842	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1885250	77.316	ng	0.00
79) Terphenyl-d14	12.980	244	1375701	61.446	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	163051	10.451	ng	90
15) Benzyl Alcohol	7.016	79	24215	2.309	ng	# 68
17) 2-Methylphenol	7.134	107	86430	8.936	ng	97
20) 3+4-Methylphenols	7.287	107	44822	3.988	ng	# 71
27) 2,4-Dimethylphenol	7.810	122	240497	31.800	ng	98
31) Naphthalene	8.175	128	369293	10.440	ng	98
38) 1-Methylnaphthalene	8.963	142	80243	3.619	ng	99

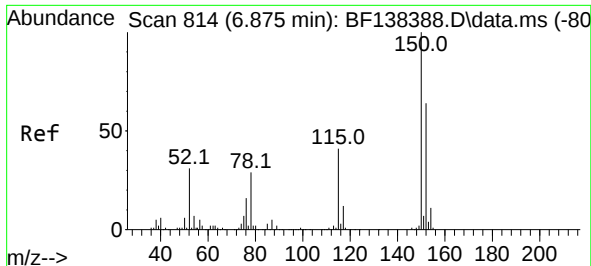
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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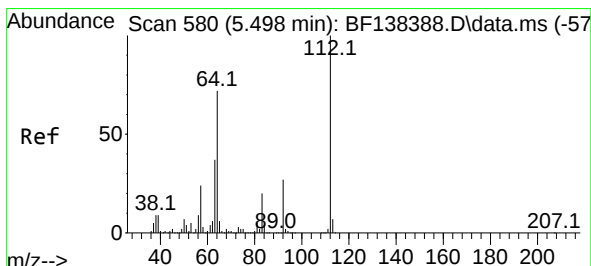
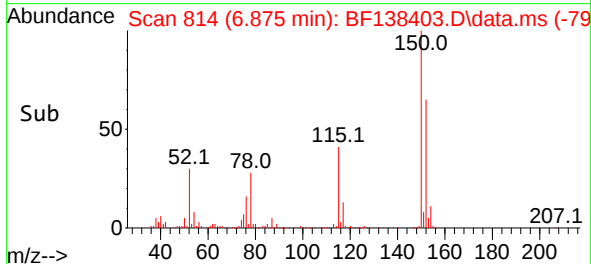
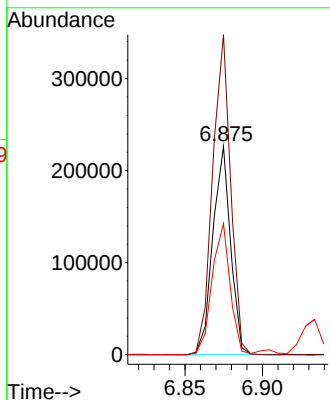
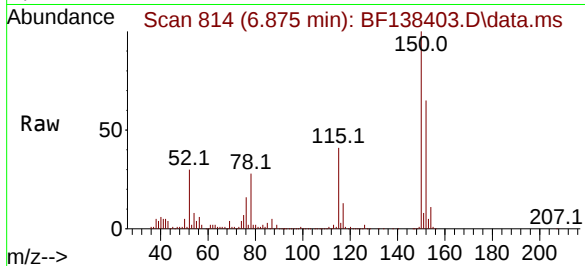




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

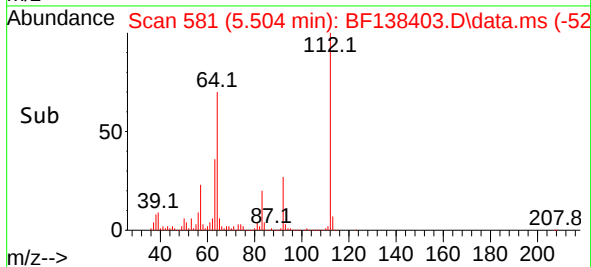
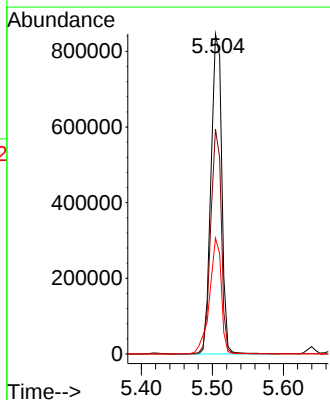
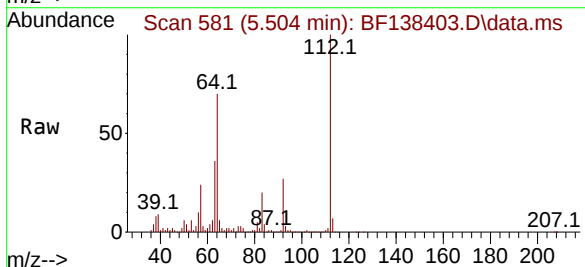
Instrument :
BNA_F
ClientSampleId :
MW6-20240626-A

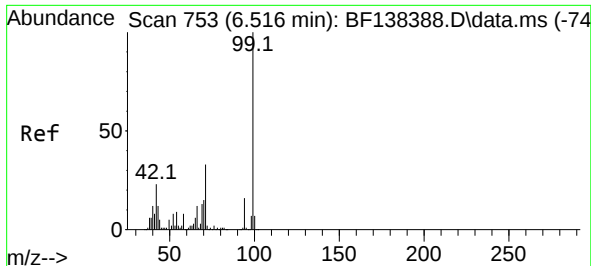
Tgt Ion:152 Resp: 180237
Ion Ratio Lower Upper
152 100
150 153.6 124.9 187.3
115 62.9 50.8 76.2



#5
2-Fluorophenol
Concen: 82.433 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion:112 Resp: 896134
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 36.2 29.4 44.0

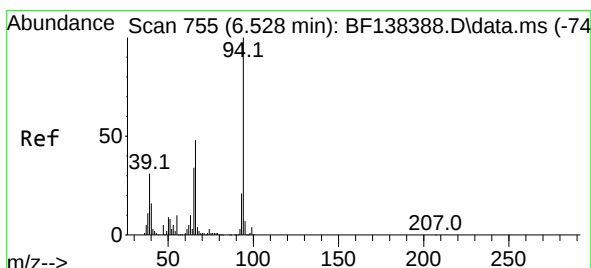
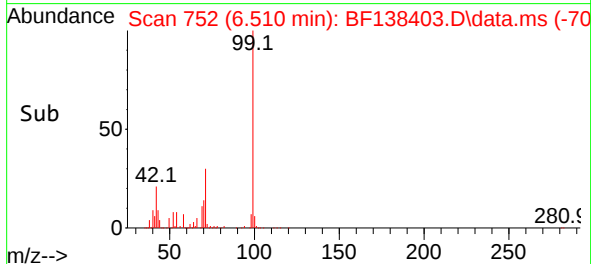
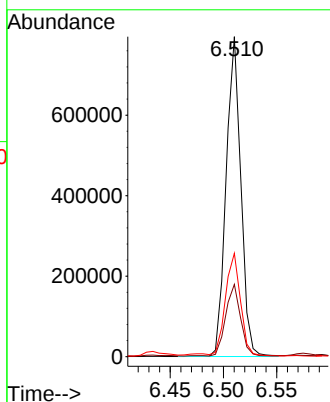
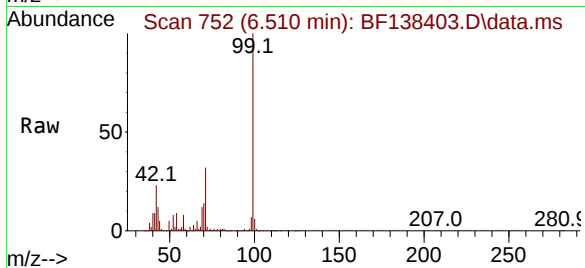




#7
Phenol-d6
Concen: 52.224 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

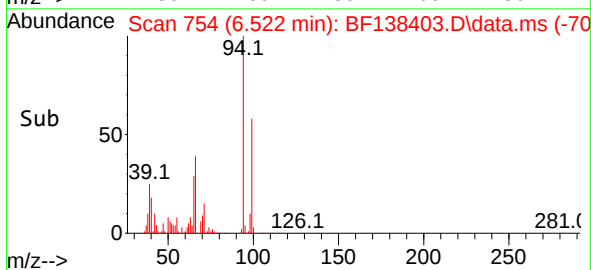
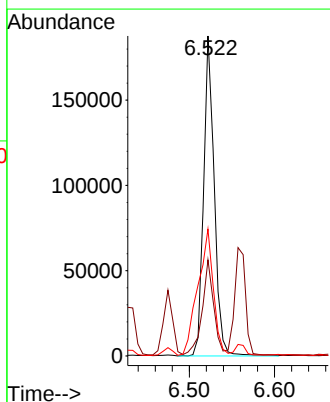
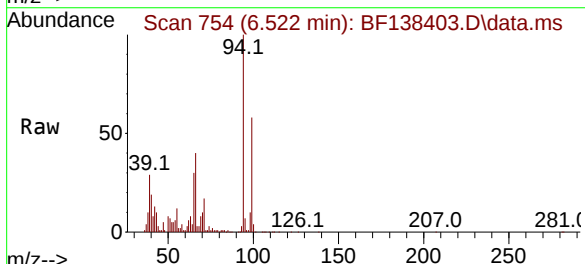
Instrument :
BNA_F
ClientSampleId :
MW6-20240626-A

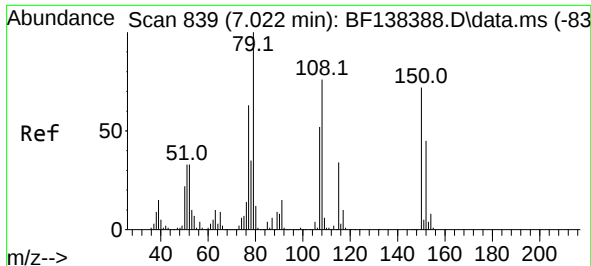
Tgt Ion: 99 Resp: 764788
Ion Ratio Lower Upper
99 100
42 22.6 18.5 27.7
71 32.3 26.1 39.1



#10
Phenol
Concen: 10.451 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion: 94 Resp: 163051
Ion Ratio Lower Upper
94 100
65 30.1 14.2 54.2
66 39.7 27.9 67.9





#15

Benzyl Alcohol

Concen: 2.309 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138403.D

Acq: 01 Jul 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MW6-20240626-A

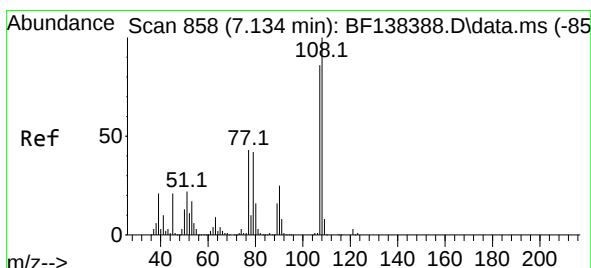
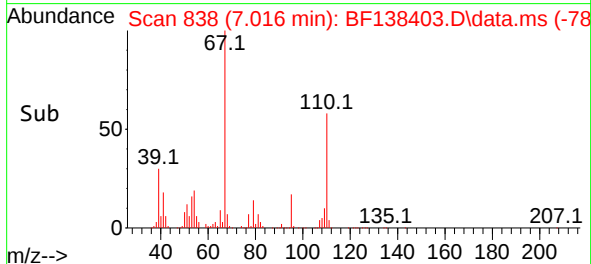
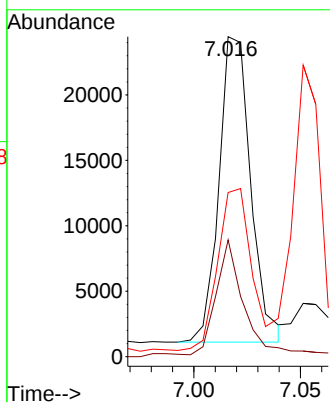
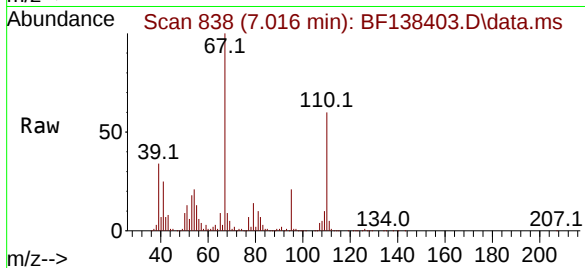
Tgt Ion: 79 Resp: 24215

Ion Ratio Lower Upper

79 100

108 36.5 60.9 91.3#

77 51.3 50.6 75.8



#17

2-Methylphenol

Concen: 8.936 ng

RT: 7.134 min Scan# 858

Delta R.T. 0.000 min

Lab File: BF138403.D

Acq: 01 Jul 2024 15:06

Tgt Ion: 107 Resp: 86430

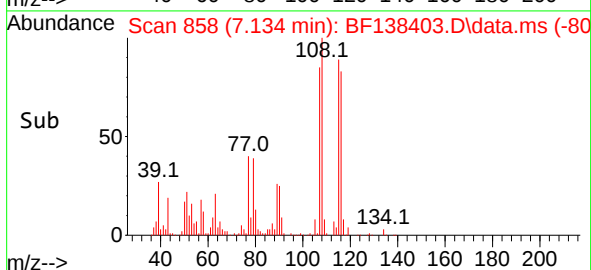
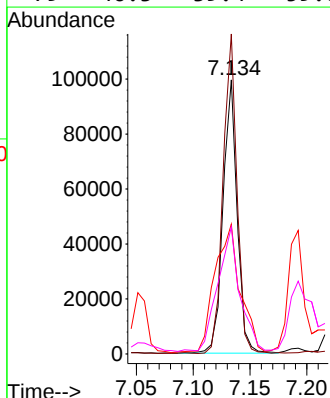
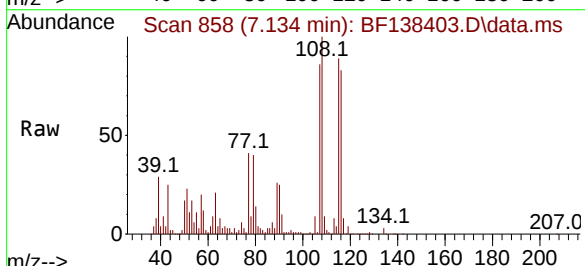
Ion Ratio Lower Upper

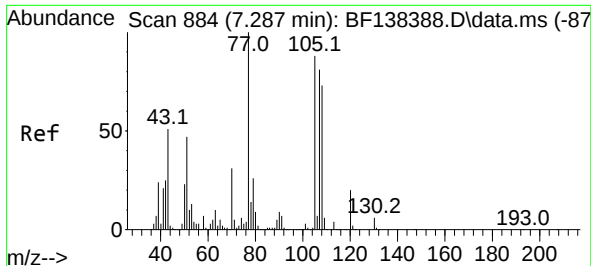
107 100

108 116.7 92.6 138.8

77 47.3 40.3 60.5

79 46.3 39.4 59.0

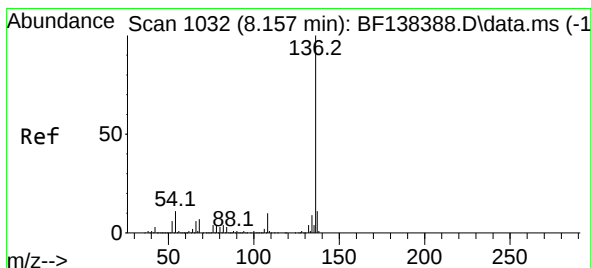
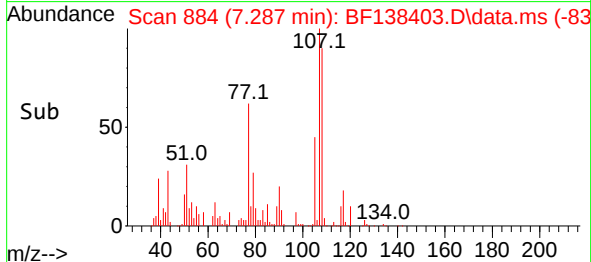
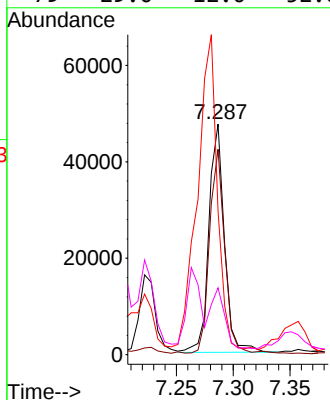
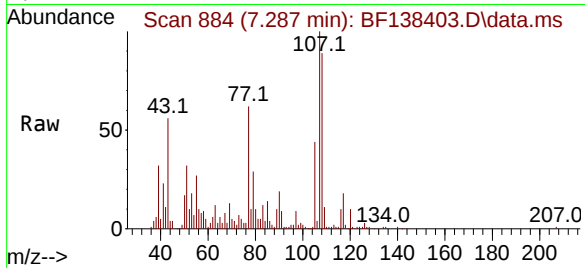




#20
3+4-Methylphenols
Concen: 3.988 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

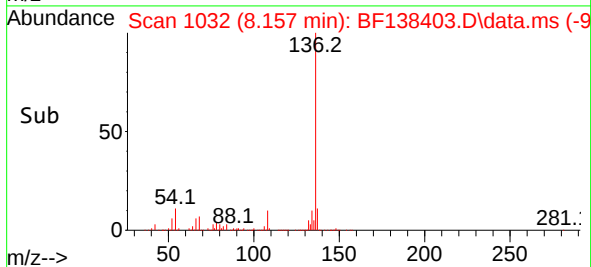
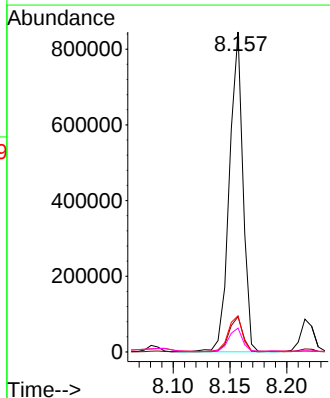
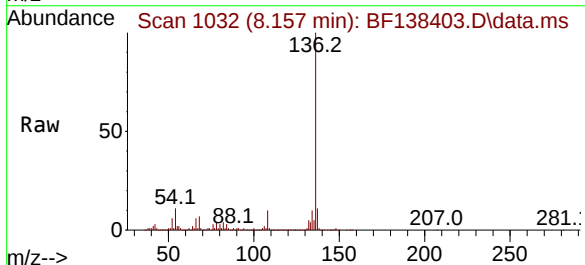
Instrument :
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ClientSampleId :
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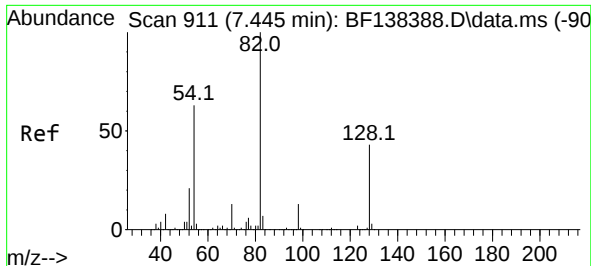
Tgt Ion:107	Resp:	44822
Ion	Ratio	Lower Upper
107	100	
108	89.1	70.8 110.8
77	62.3	104.0 144.0#
79	29.0	12.0 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion:136	Resp:	699705
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	11.3	9.0 13.4
68	7.4	5.4 8.0

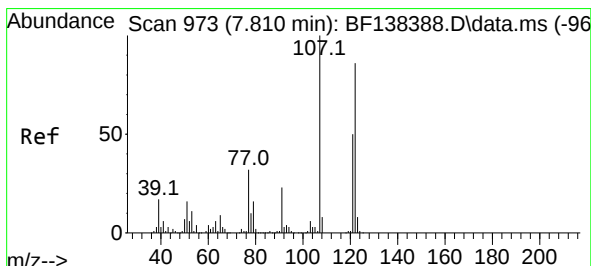
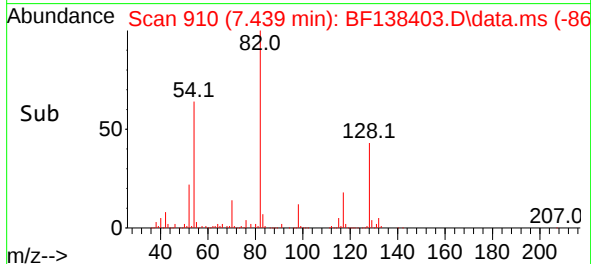
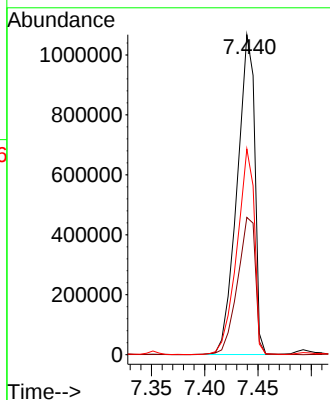
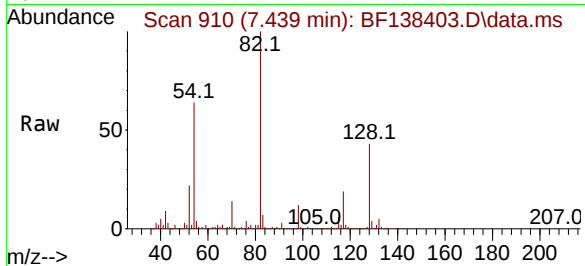




#23
Nitrobenzene-d5
Concen: 91.638 ng
RT: 7.439 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

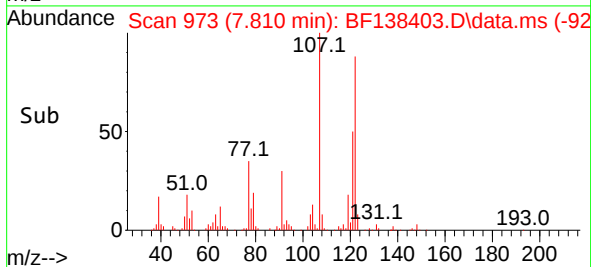
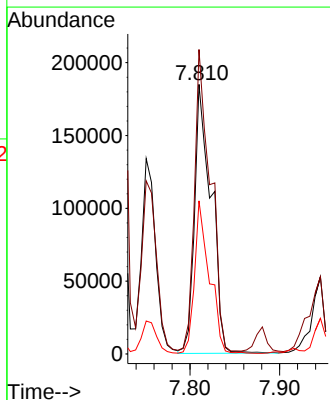
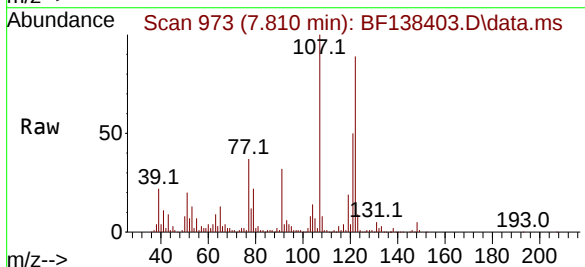
Instrument :
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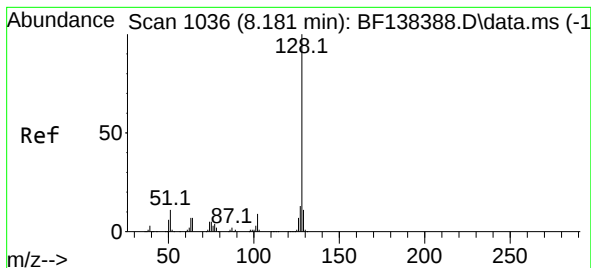
Tgt Ion: 82 Resp: 1234310
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 64.3 50.5 75.7



#27
2,4-Dimethylphenol
Concen: 31.800 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion:122 Resp: 240497
Ion Ratio Lower Upper
122 100
107 112.9 92.5 138.7
121 56.8 46.5 69.7





#31

Naphthalene

Concen: 10.440 ng

RT: 8.175 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138403.D

Acq: 01 Jul 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MW6-20240626-A

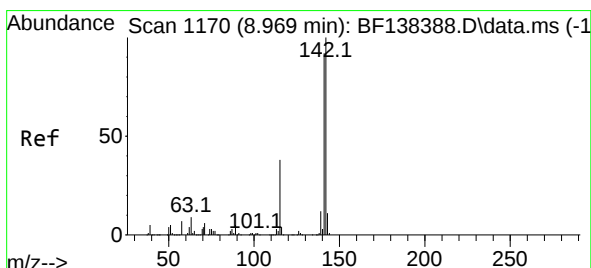
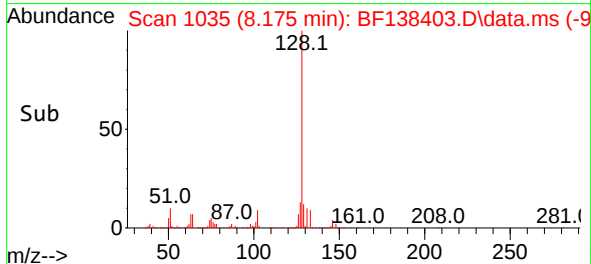
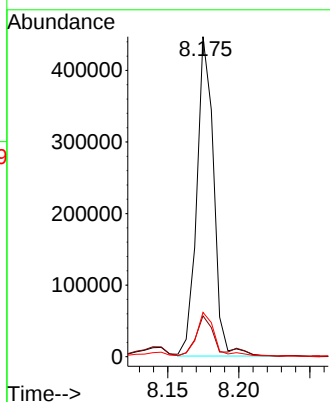
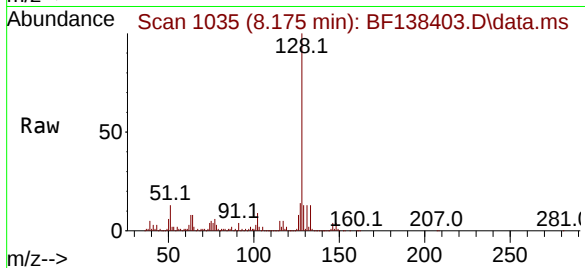
Tgt Ion:128 Resp: 369293

Ion Ratio Lower Upper

128 100

129 12.8 9.0 13.6

127 13.8 10.6 16.0



#38

1-Methylnaphthalene

Concen: 3.619 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138403.D

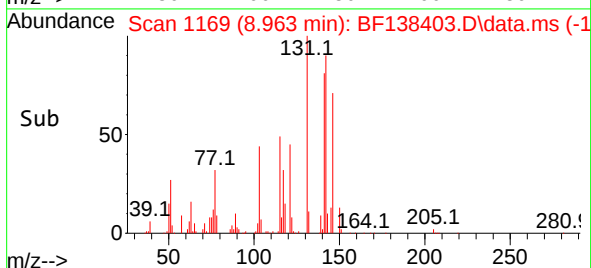
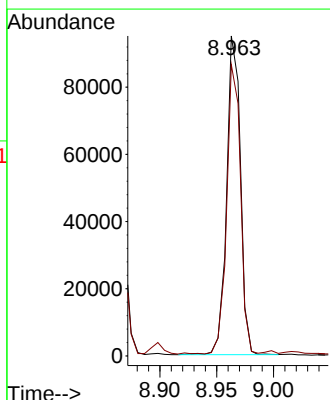
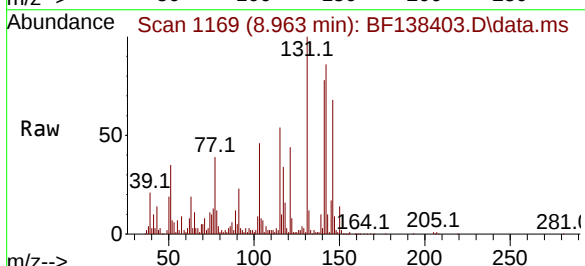
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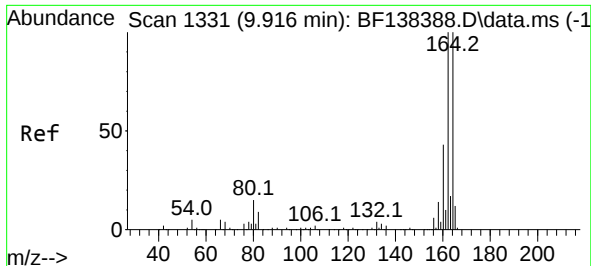
Tgt Ion:142 Resp: 80243

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

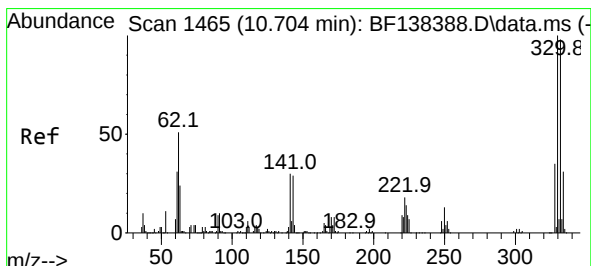
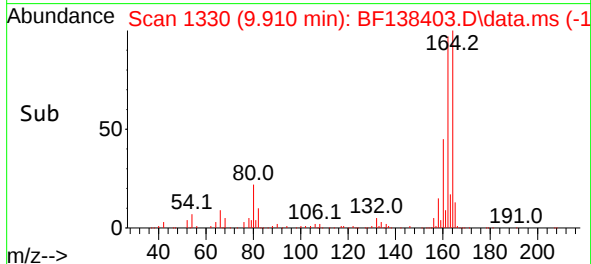
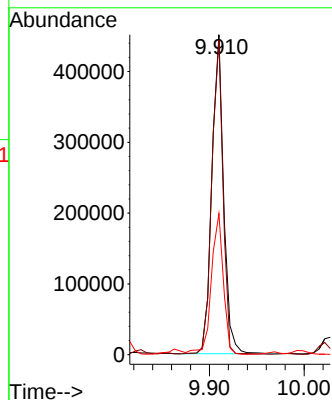
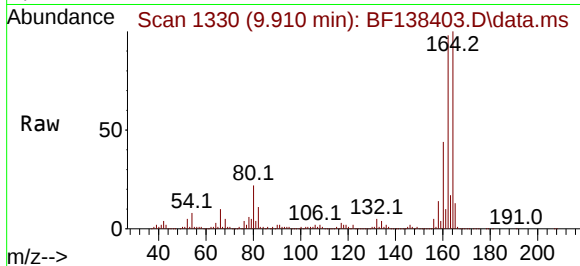




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

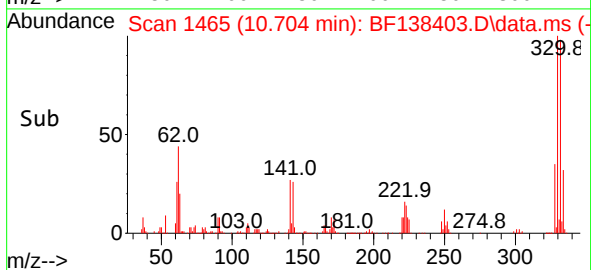
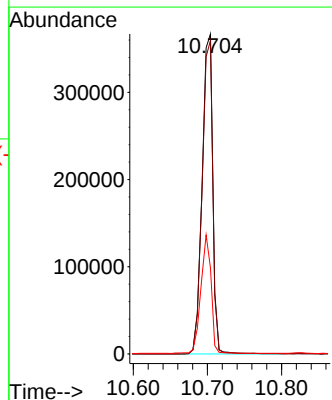
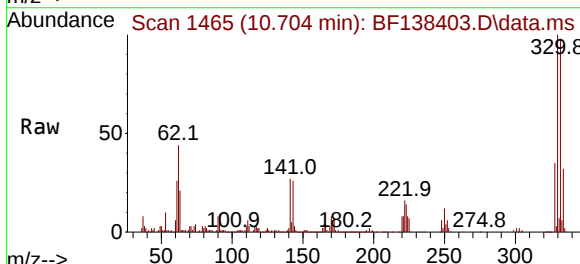
Instrument :
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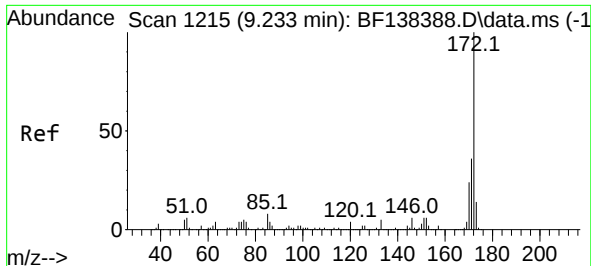
Tgt Ion:164 Resp: 388056
Ion Ratio Lower Upper
164 100
162 98.4 80.1 120.1
160 44.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 115.842 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion:330 Resp: 367274
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 35.6 28.1 42.1

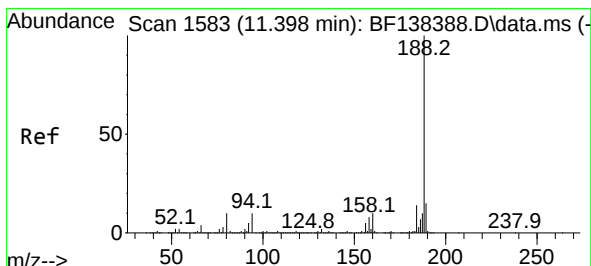
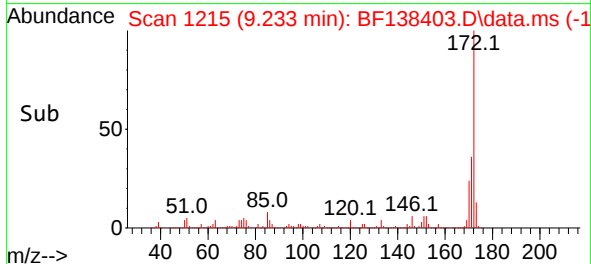
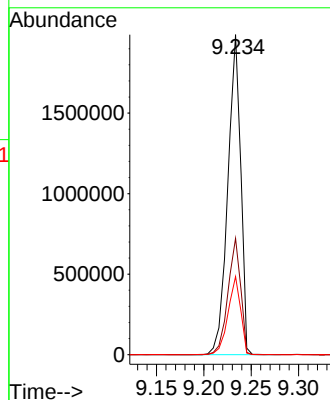
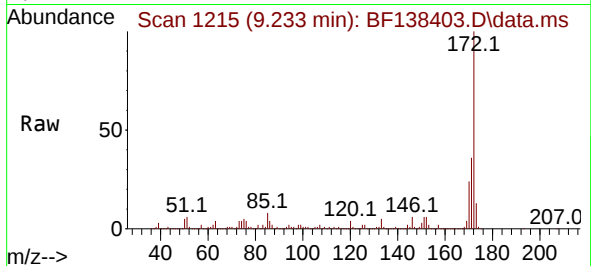




#45
2-Fluorobiphenyl
Concen: 77.316 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

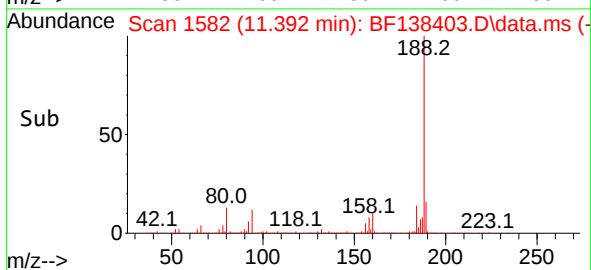
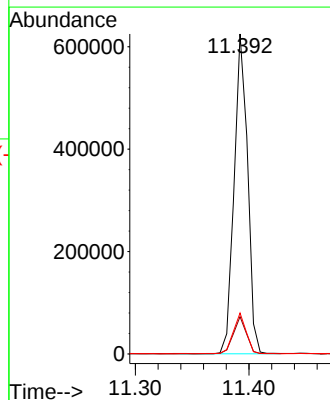
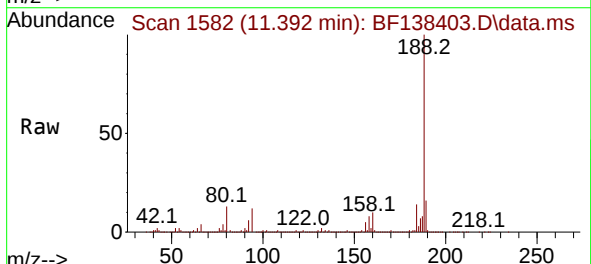
Instrument :
BNA_F
ClientSampleId :
MW6-20240626-A

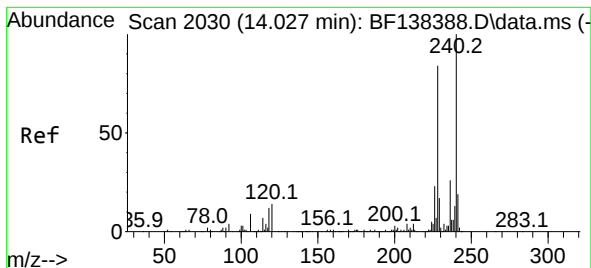
Tgt Ion:172 Resp: 1885250
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.4 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138403.D
Acq: 01 Jul 2024 15:06

Tgt Ion:188 Resp: 512613
Ion Ratio Lower Upper
188 100
94 11.6 8.0 12.0
80 12.8 8.2 12.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138403.D

Acq: 01 Jul 2024 15:06

Instrument :

BNA_F

ClientSampleId :

MW6-20240626-A

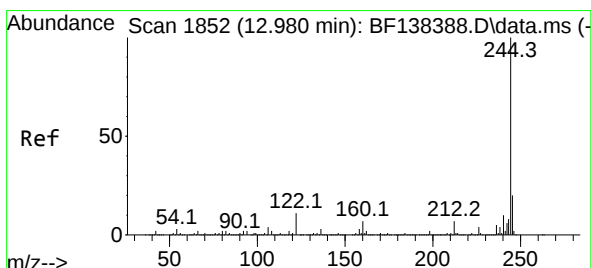
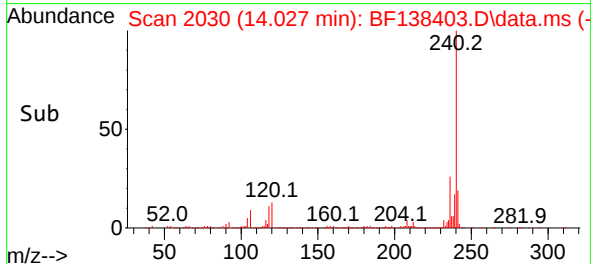
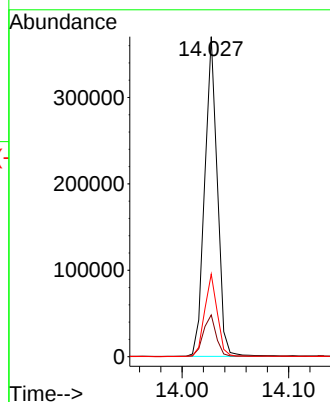
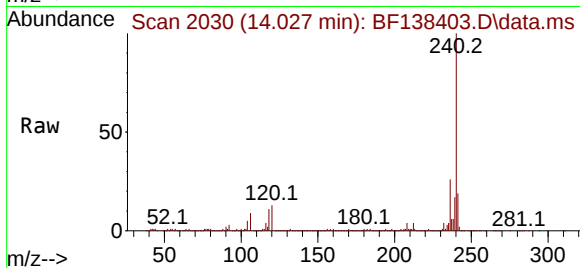
Tgt Ion:240 Resp: 306818

Ion Ratio Lower Upper

240 100

120 13.1 10.9 16.3

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 61.446 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138403.D

Acq: 01 Jul 2024 15:06

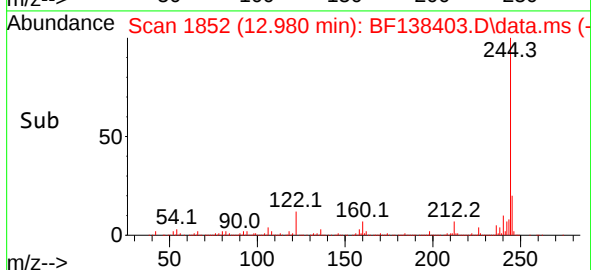
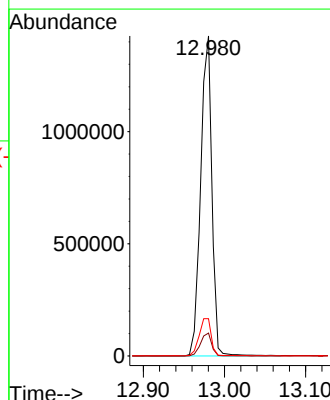
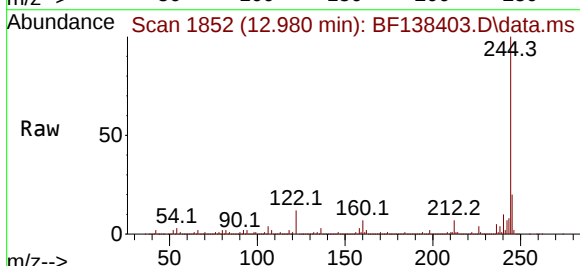
Tgt Ion:244 Resp: 1375701

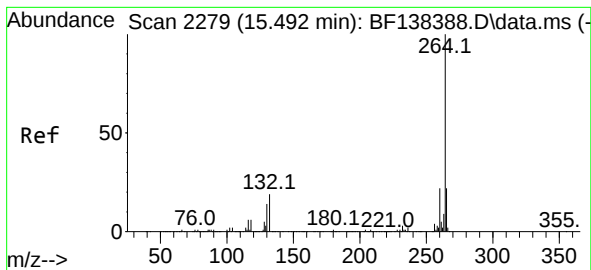
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

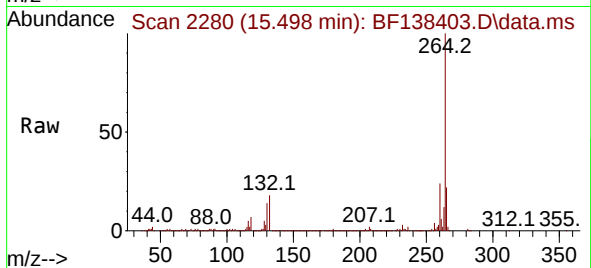
122 11.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138403.D
 Acq: 01 Jul 2024 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20240626-A



Tgt Ion:264 Resp: 301725
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 21.7 17.5 26.3

