

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138405.D
 Acq On : 01 Jul 2024 16:05
 Operator : CG\JU
 Sample : P3119-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-20240627

Quant Time: Jul 01 16:53:47 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)

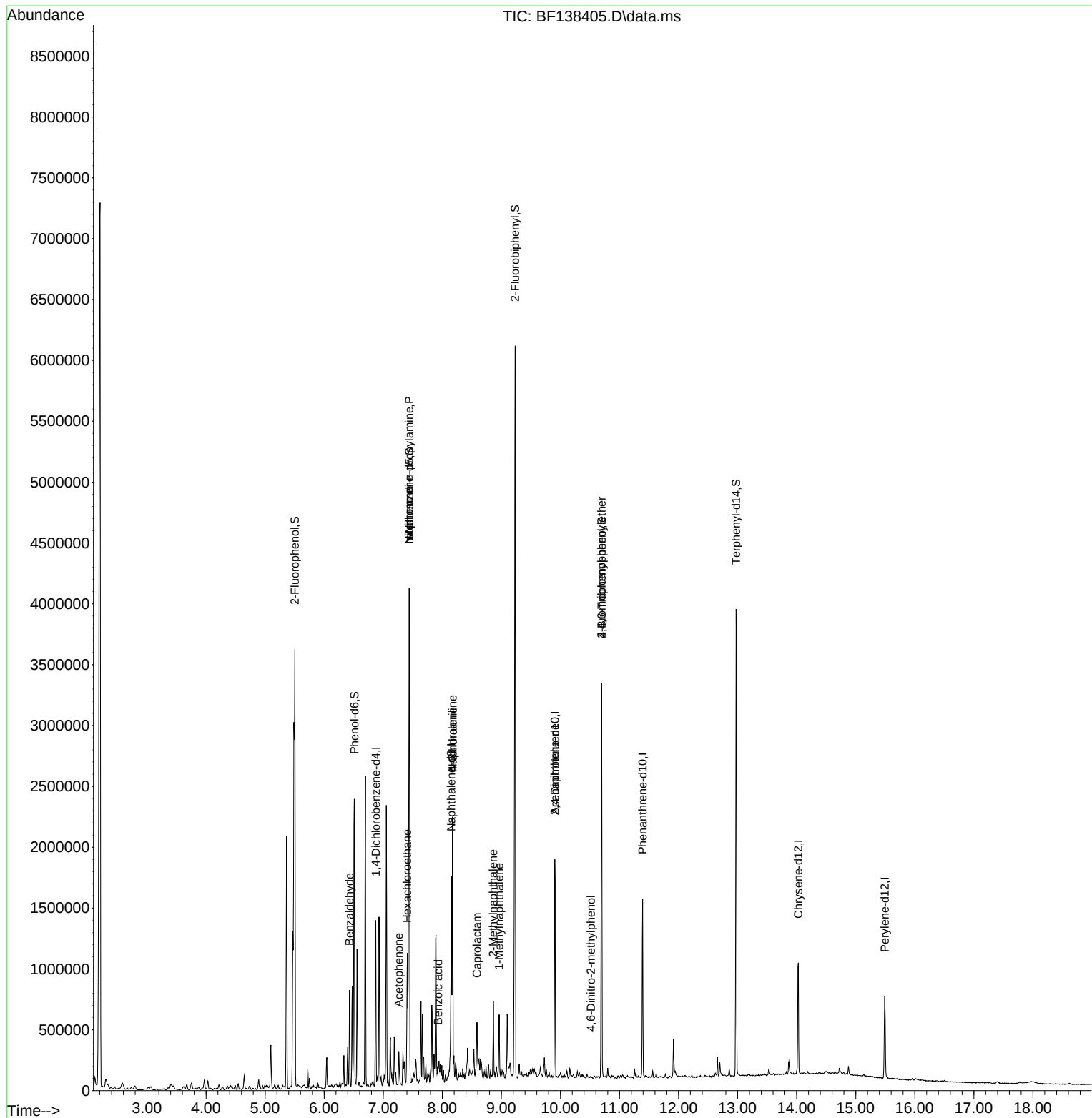
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	184159	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	721627	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	365632	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	496878	20.000	ng	0.00
76) Chrysene-d12	14.027	240	307478	20.000	ng	0.00
86) Perylene-d12	15.492	264	294064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	854374	76.918	ng	0.00
7) Phenol-d6	6.510	99	748994	50.056	ng	0.00
23) Nitrobenzene-d5	7.439	82	1242947	89.476	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	360618	120.719	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1914207	83.318	ng	0.00
79) Terphenyl-d14	12.974	244	1361581	60.685	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	28102	3.043	ng	# 1
18) Hexachloroethane	7.404	117	75292	15.245	ng	# 1
19) n-Nitroso-di-n-propyla...	7.439	70	166068	17.605	ng	# 79
22) Acetophenone	7.263	105	99497	6.078	ng	# 41
25) Isophorone	7.439	82	1237577	48.316	ng	# 67
31) Naphthalene	8.175	128	763454	20.928	ng	99
32) Benzoic acid	7.928	122	4051	4.619	ng	# 73
33) 4-Chloroaniline	8.175	127	101362	7.956	ng	# 28
35) Caprolactam	8.586	113	26237	8.294	ng	# 82
37) 2-Methylnaphthalene	8.863	142	138960	5.894	ng	99
38) 1-Methylnaphthalene	8.963	142	100017	4.374	ng	98
57) 2,4-Dinitrotoluene	9.904	165	48700	7.515	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.516	198	227	5.875	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	23338	4.370	ng	# 1

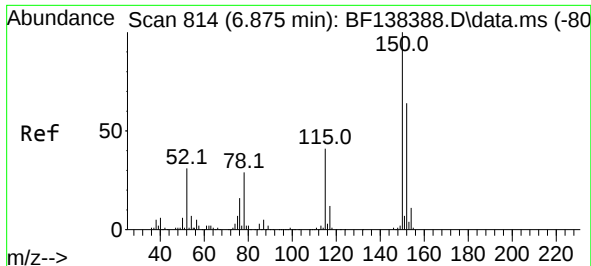
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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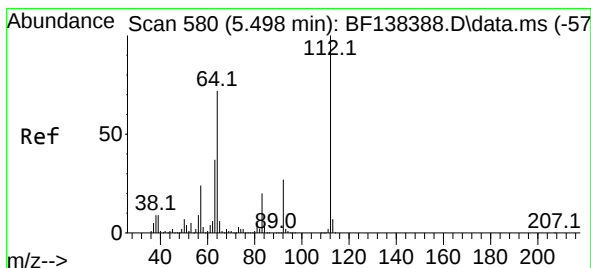
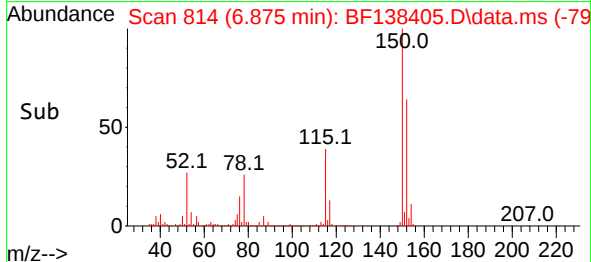
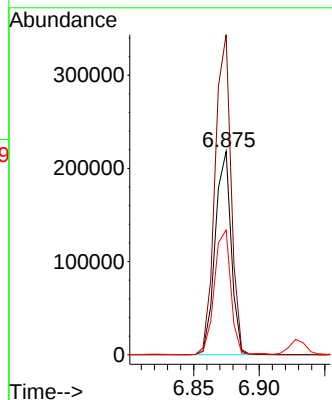
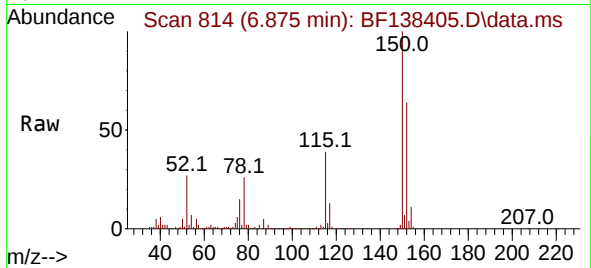




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

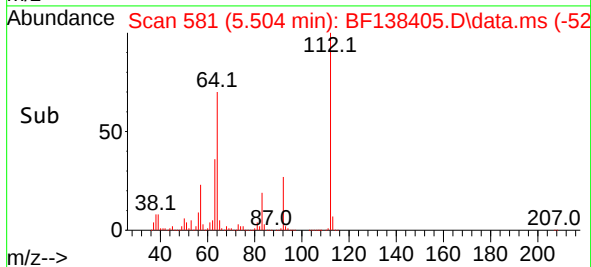
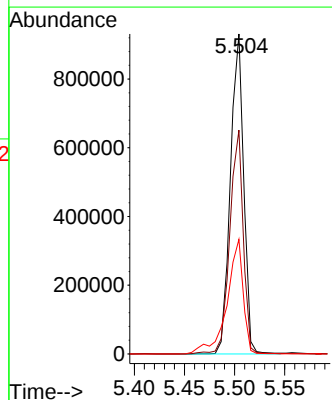
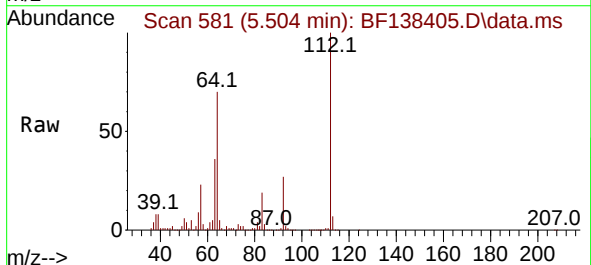
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

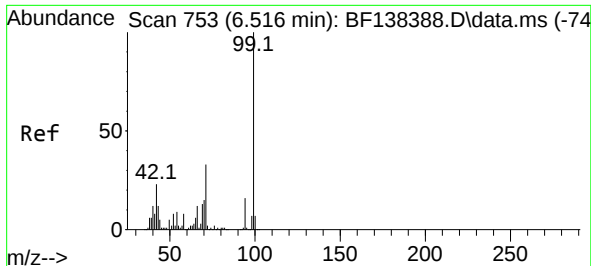
Tgt Ion:152 Resp: 184159
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 61.3 50.8 76.2



#5
2-Fluorophenol
Concen: 76.918 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:112 Resp: 854374
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 35.8 29.4 44.0

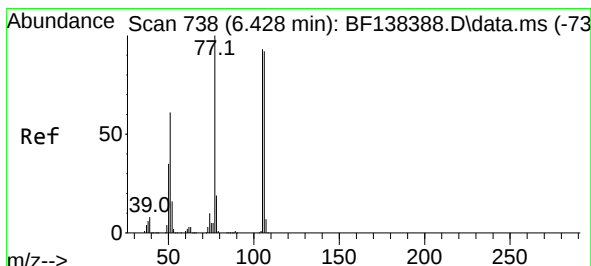
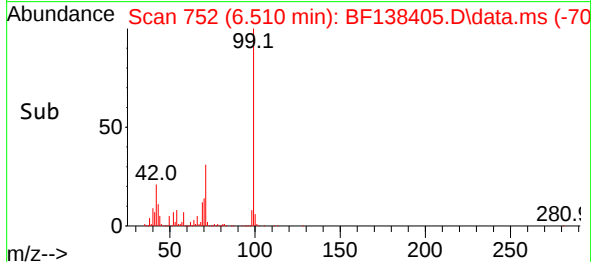
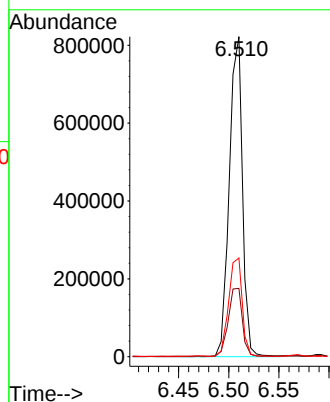
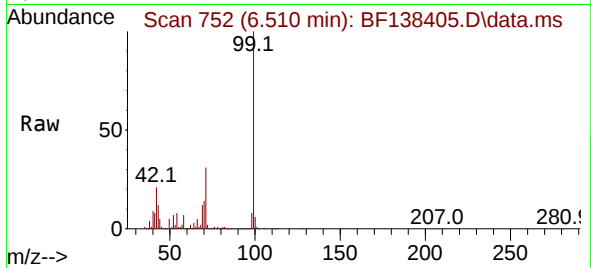




#7
Phenol-d6
Concen: 50.056 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

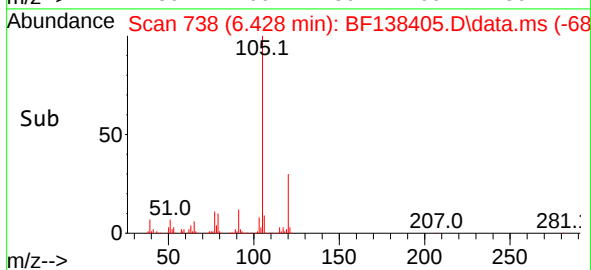
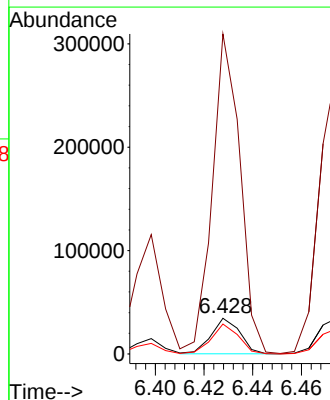
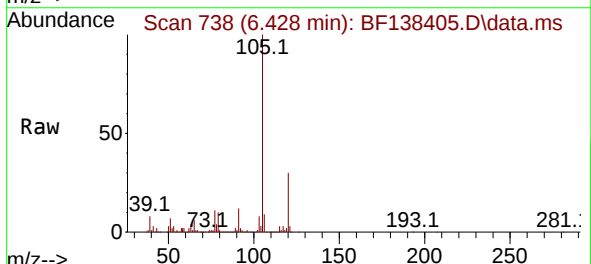
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

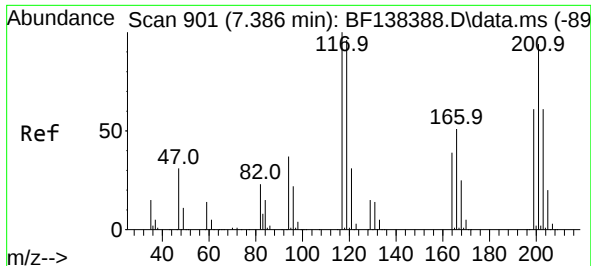
Tgt Ion: 99 Resp: 748994
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 30.9 26.1 39.1



#9
Benzaldehyde
Concen: 3.043 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion: 77 Resp: 28102
Ion Ratio Lower Upper
77 100
105 897.2 73.2 113.2#
106 83.8 71.5 111.5

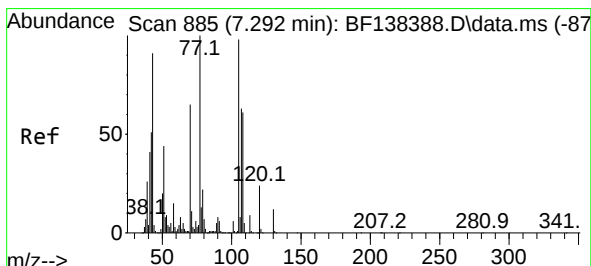
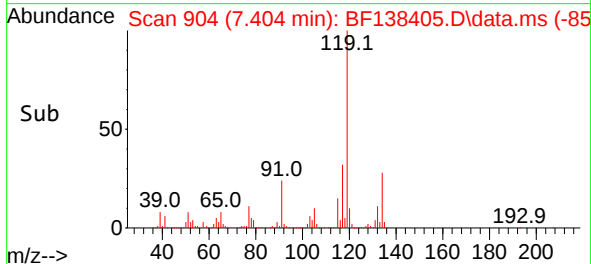
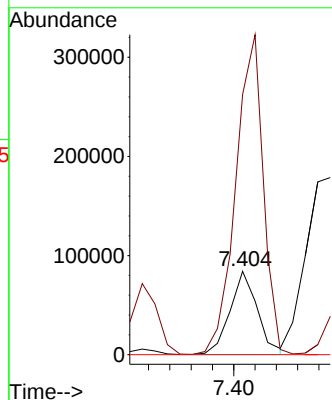
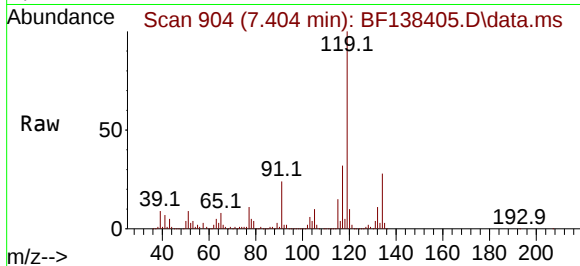




#18
Hexachloroethane
Concen: 15.245 ng
RT: 7.404 min Scan# 901
Delta R.T. 0.018 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

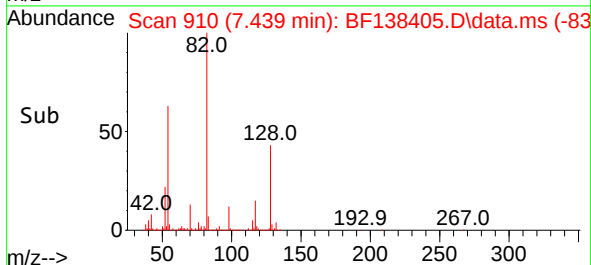
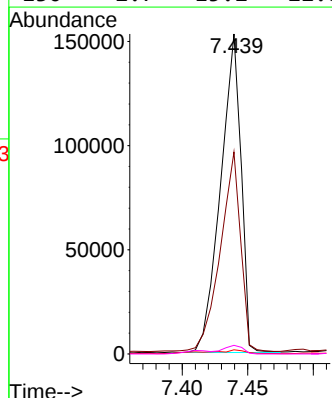
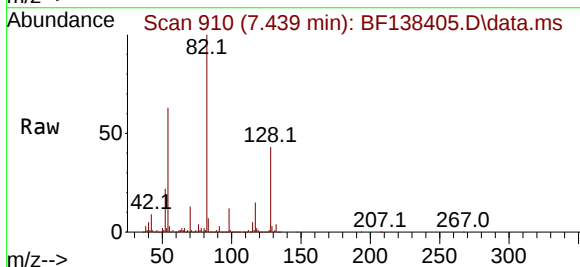
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

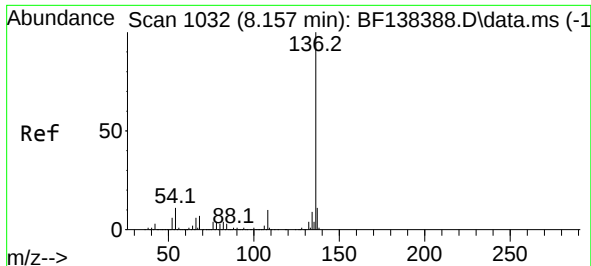
Tgt Ion:117 Resp: 75292
Ion Ratio Lower Upper
117 100
119 311.9 77.1 115.7#
201 0.0 75.6 113.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.605 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion: 70 Resp: 166068
Ion Ratio Lower Upper
70 100
42 63.1 62.5 93.7
101 1.3 7.0 10.4#
130 2.7 15.2 22.8#

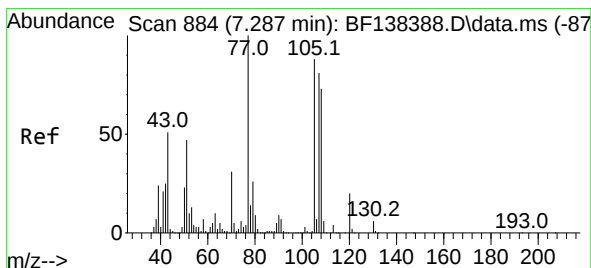
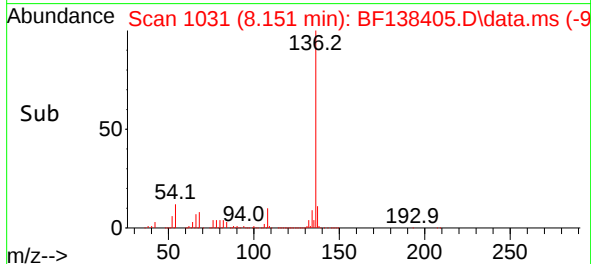
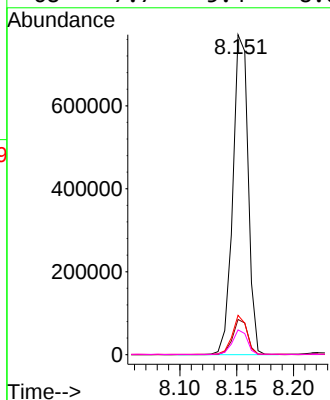
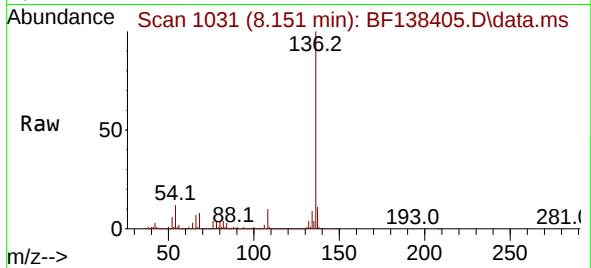




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

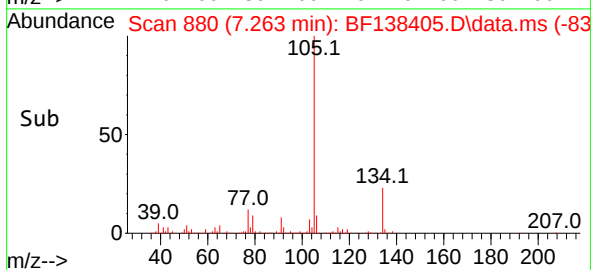
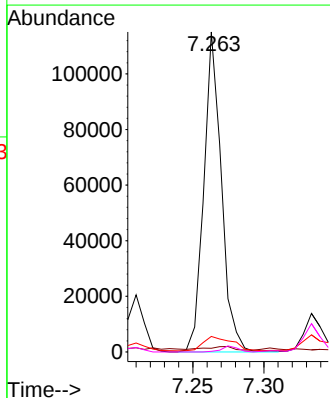
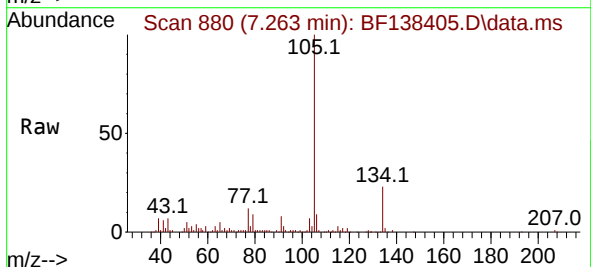
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

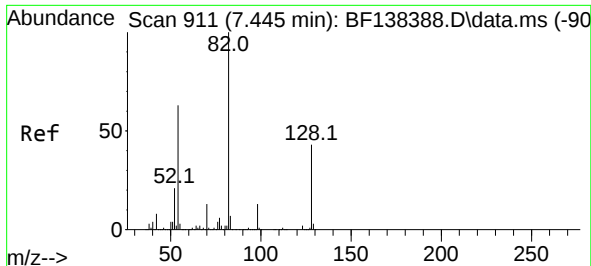
Tgt Ion:136 Resp: 721627
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.3 9.0 13.4
68 7.7 5.4 8.0



#22
Acetophenone
Concen: 6.078 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.024 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:105 Resp: 99497
Ion Ratio Lower Upper
105 100
71 1.1 4.7 7.1#
51 4.8 43.2 64.8#
120 0.2 18.5 27.7#





#23

Nitrobenzene-d5

Concen: 89.476 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

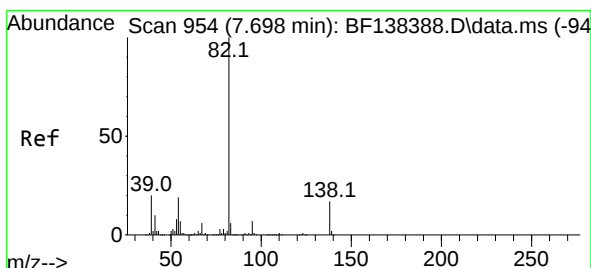
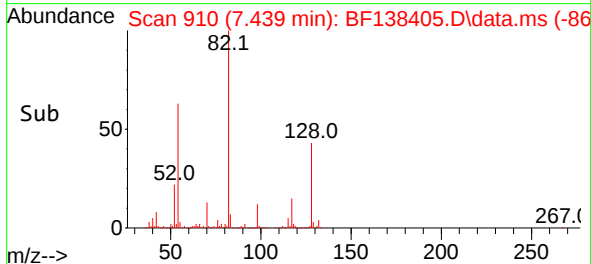
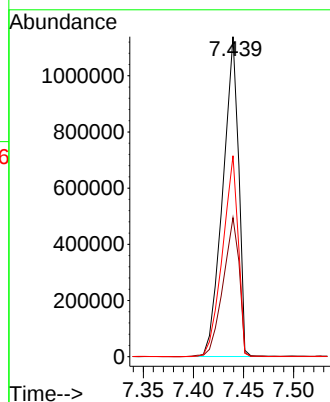
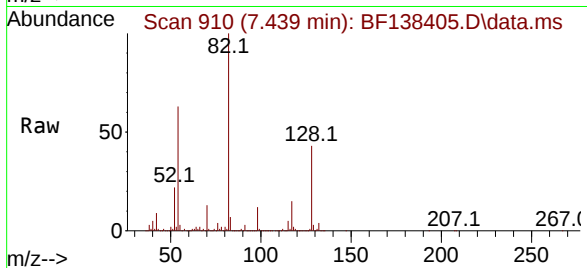
Tgt Ion: 82 Resp: 1242947

Ion Ratio Lower Upper

82 100

128 43.4 34.6 52.0

54 62.8 50.5 75.7



#25

Isophorone

Concen: 48.316 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.259 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

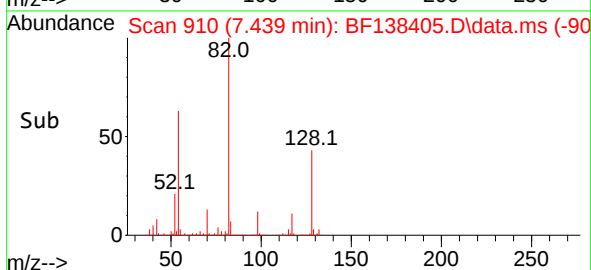
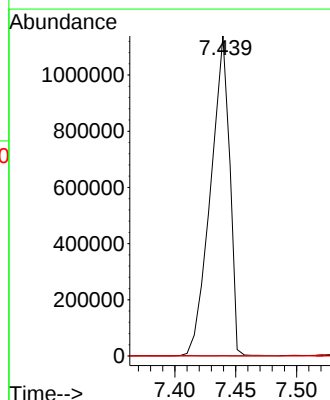
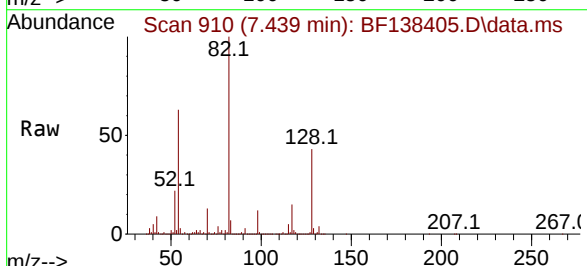
Tgt Ion: 82 Resp: 1237577

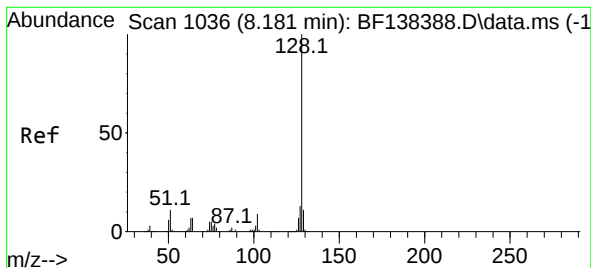
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 13.4 20.2#





#31

Naphthalene

Concen: 20.928 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

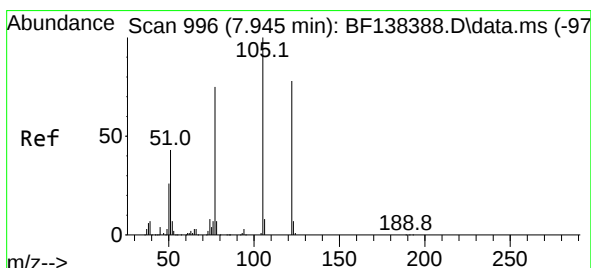
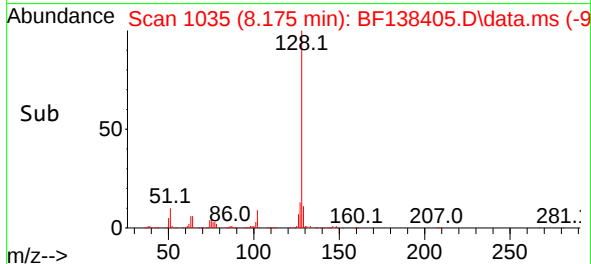
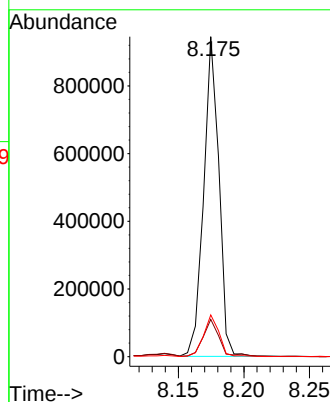
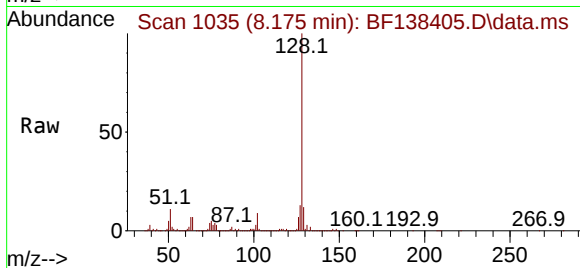
Tgt Ion:128 Resp: 763454

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 13.0 10.6 16.0



#32

Benzoic acid

Concen: 4.619 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.017 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

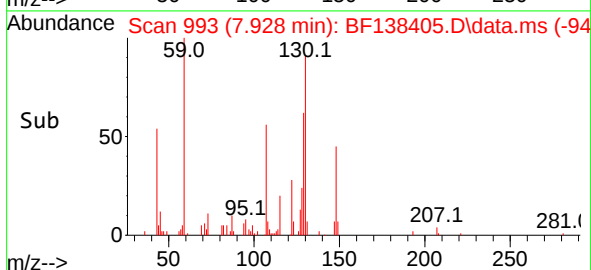
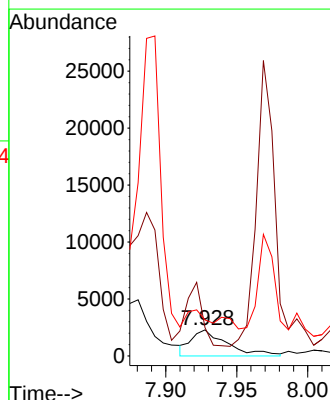
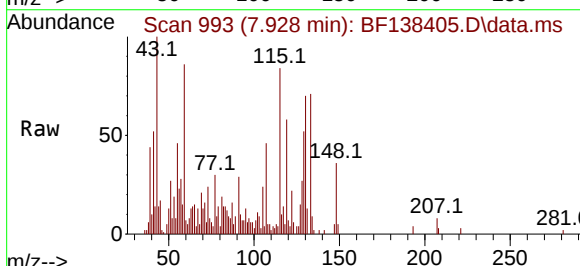
Tgt Ion:122 Resp: 4051

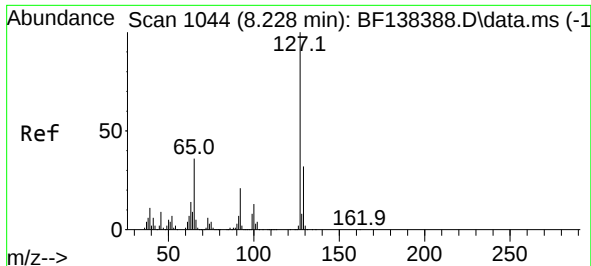
Ion Ratio Lower Upper

122 100

105 108.8 103.8 143.8

77 138.5 74.3 114.3#

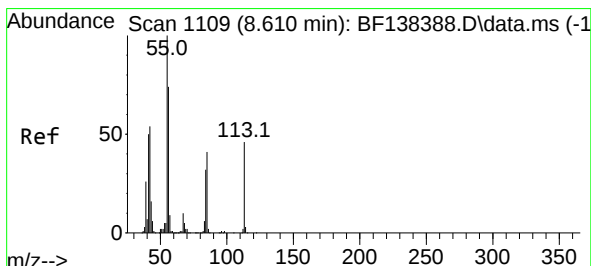
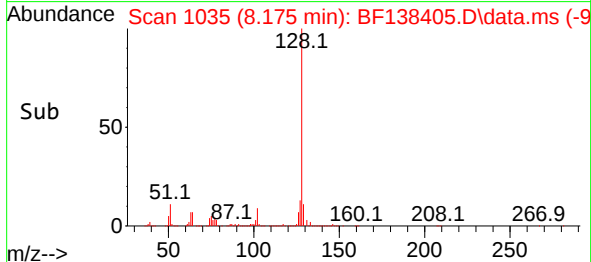
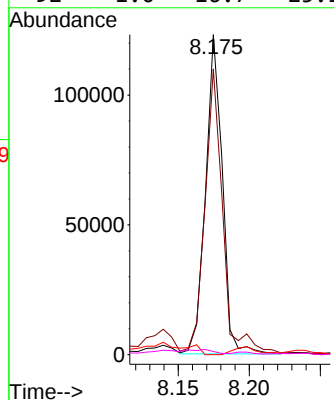
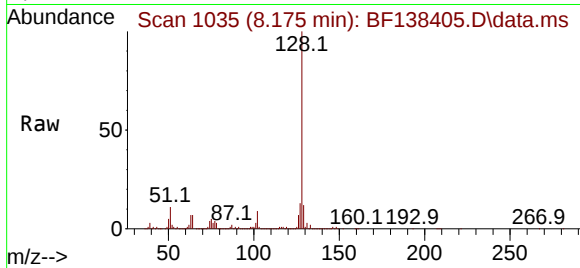




#33
4-Chloroaniline
Concen: 7.956 ng
RT: 8.175 min Scan# 1105
Delta R.T. -0.053 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

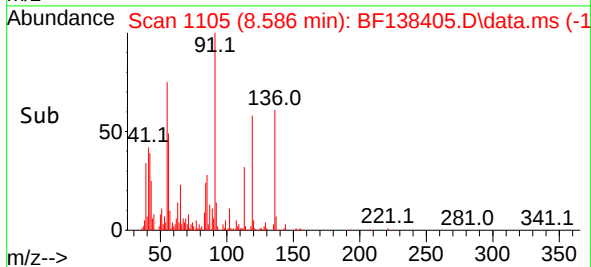
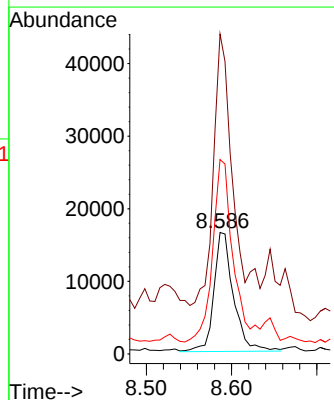
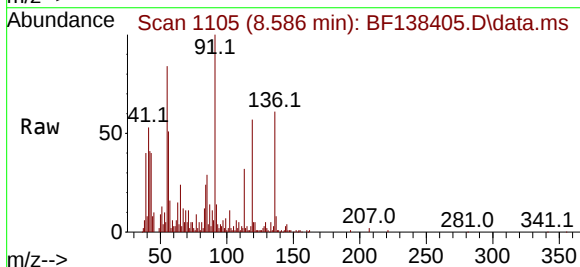
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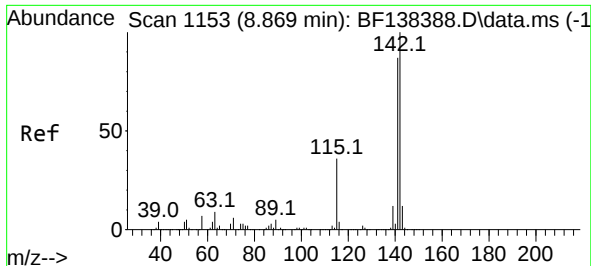
Tgt Ion:127 Resp: 101362
Ion Ratio Lower Upper
127 100
129 89.3 25.4 38.2#
65 0.0 28.7 43.1#
92 1.0 16.7 25.1#



#35
Caprolactam
Concen: 8.294 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.024 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:113 Resp: 26237
Ion Ratio Lower Upper
113 100
55 263.5 195.9 235.9#
56 160.1 138.7 178.7





#37

2-Methylnaphthalene

Concen: 5.894 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

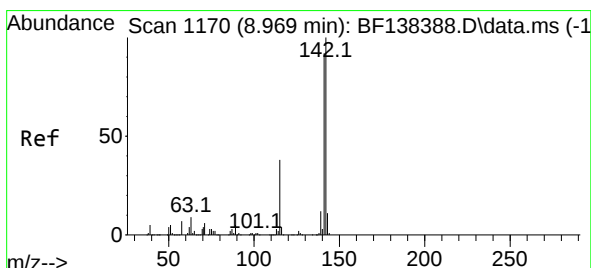
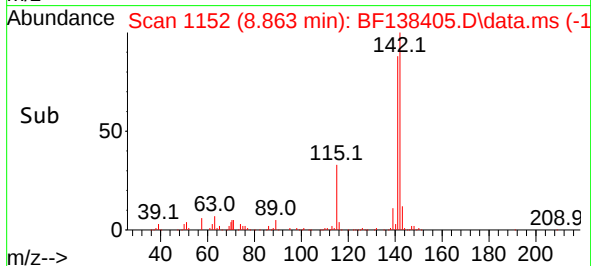
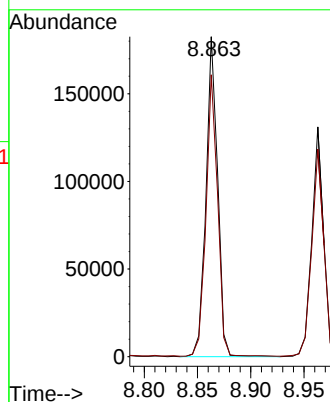
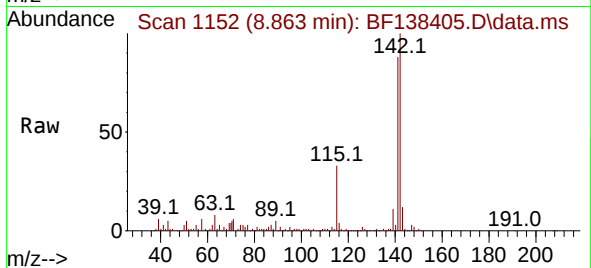
MW2-20240627

Tgt Ion:142 Resp: 138960

Ion Ratio Lower Upper

142 100

141 88.1 69.6 104.4



#38

1-Methylnaphthalene

Concen: 4.374 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF138405.D

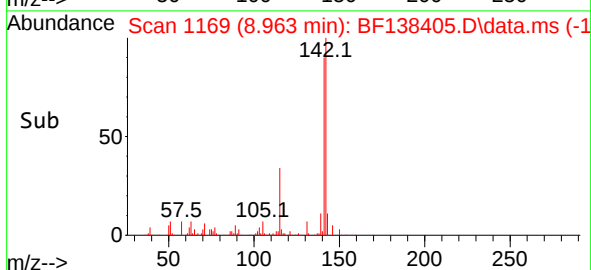
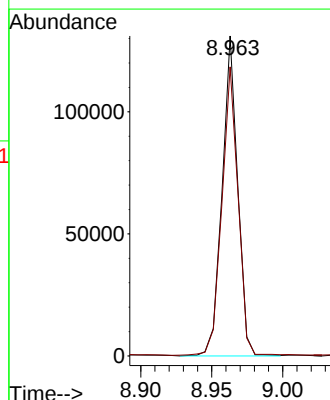
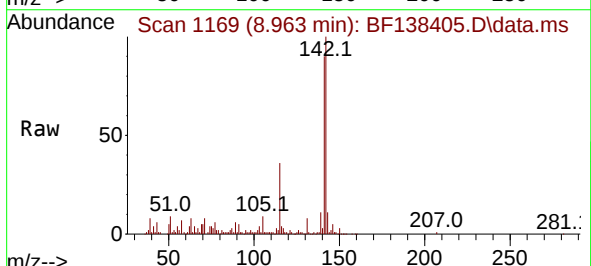
Acq: 01 Jul 2024 16:05

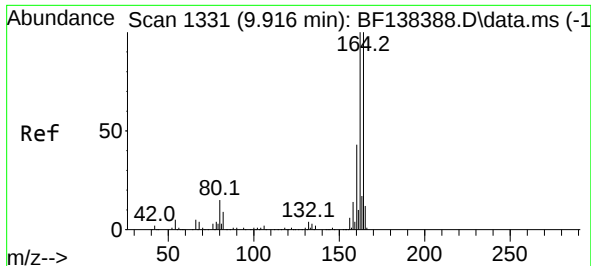
Tgt Ion:142 Resp: 100017

Ion Ratio Lower Upper

142 100

141 90.4 73.7 110.5

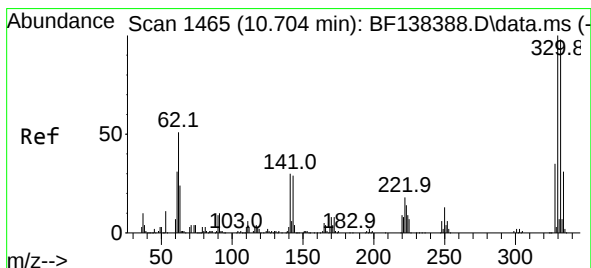
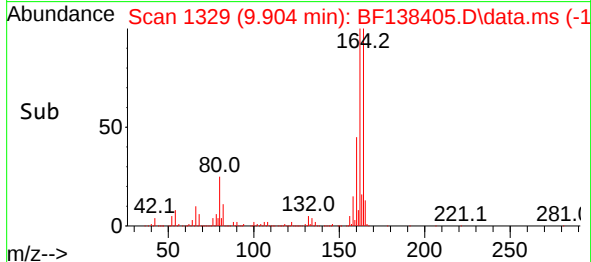
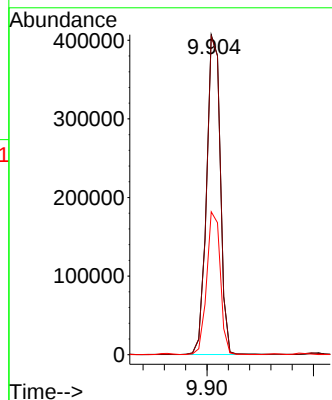
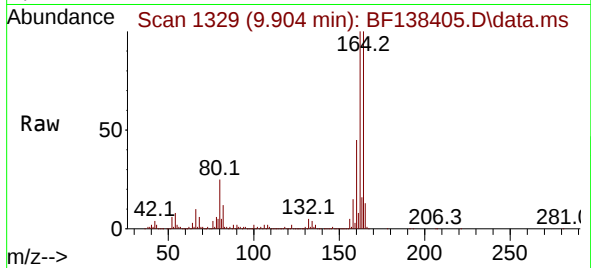




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

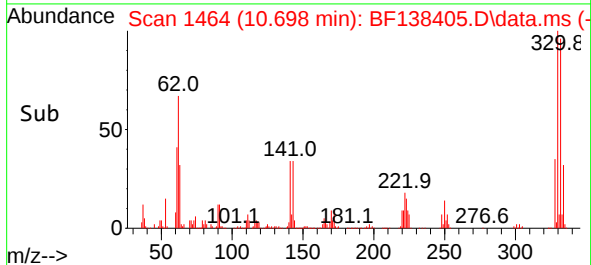
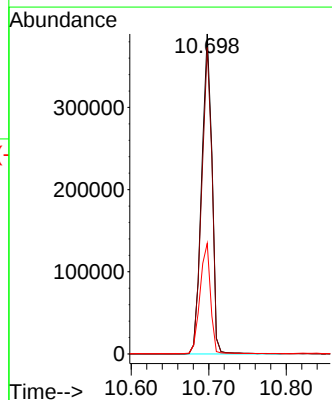
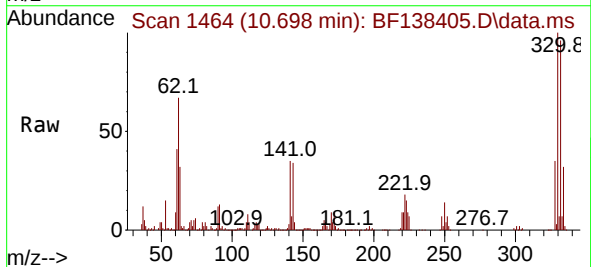
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

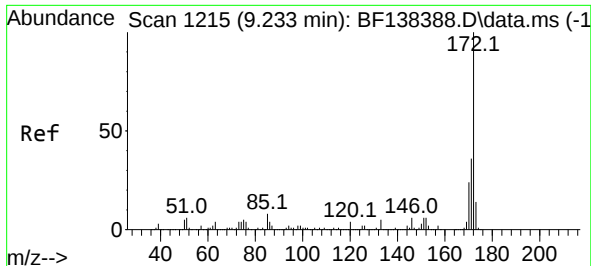
Tgt Ion:164 Resp: 365632
Ion Ratio Lower Upper
164 100
162 99.6 80.1 120.1
160 44.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 120.719 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:330 Resp: 360618
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 34.8 28.1 42.1

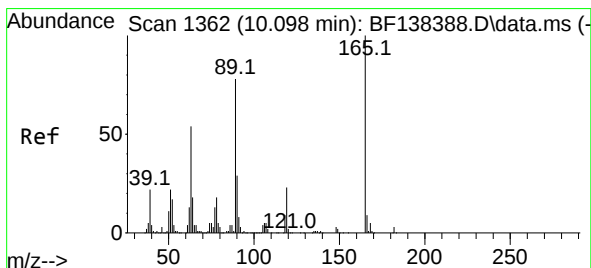
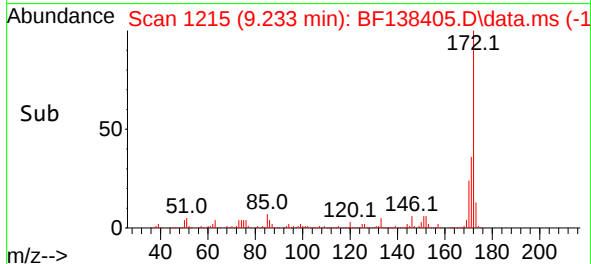
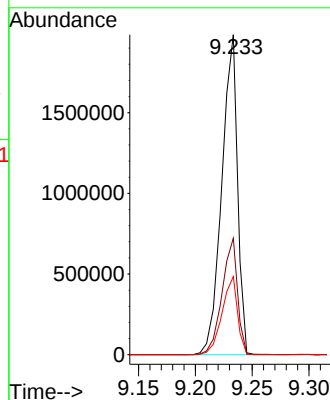
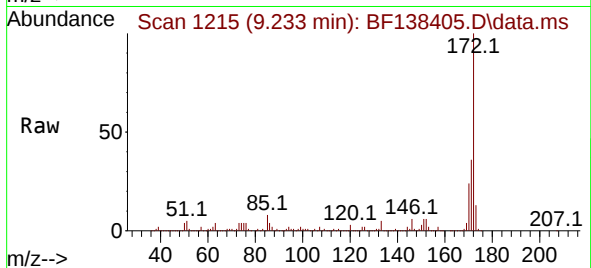




#45
2-Fluorobiphenyl
Concen: 83.318 ng
RT: 9.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

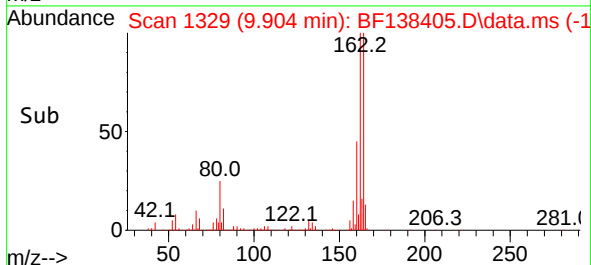
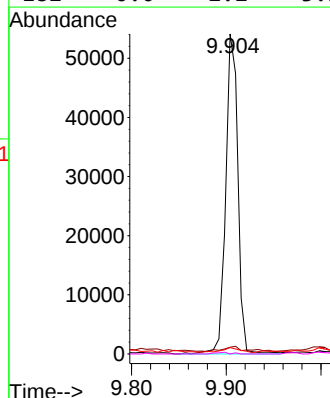
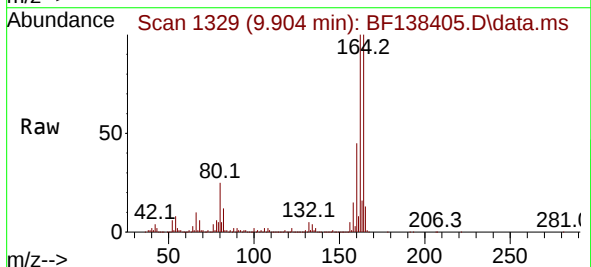
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

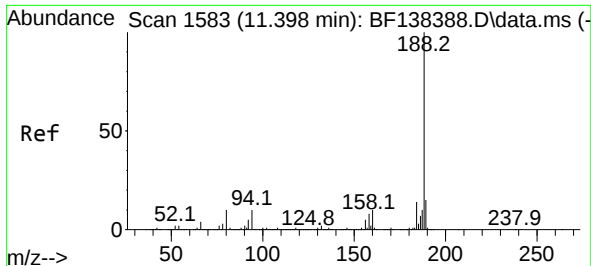
Tgt Ion:172 Resp: 1914207
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.4 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 7.515 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:165 Resp: 48700
Ion Ratio Lower Upper
165 100
63 2.1 43.4 65.2#
89 2.0 62.6 93.8#
182 0.0 2.2 3.2#

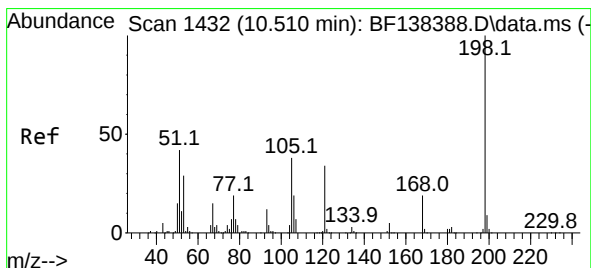
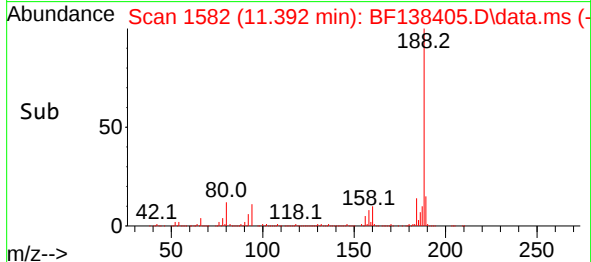
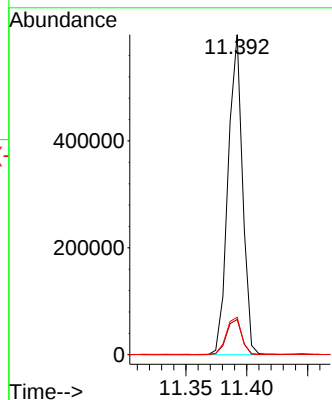
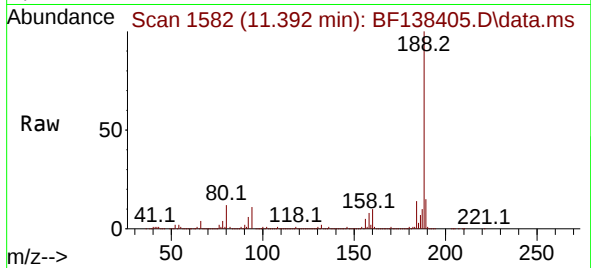




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

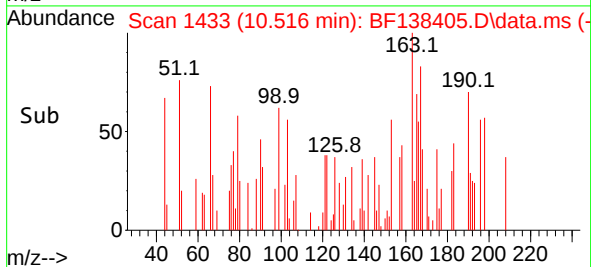
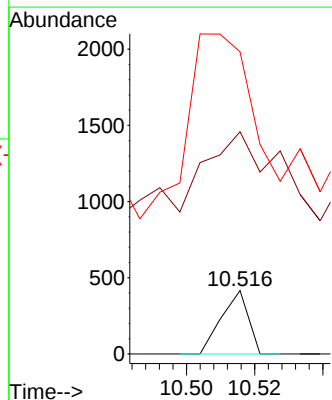
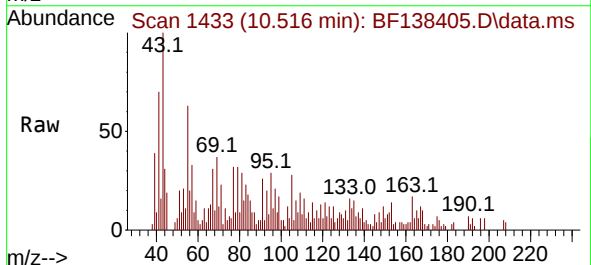
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

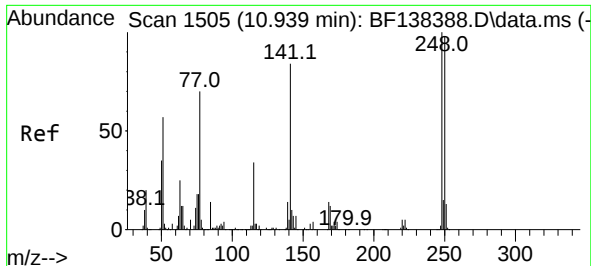
Tgt Ion:188 Resp: 496878
Ion Ratio Lower Upper
188 100
94 11.0 8.0 12.0
80 11.7 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.875 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:198 Resp: 227
Ion Ratio Lower Upper
198 100
51 350.5 27.9 67.9#
105 476.4 18.2 58.2#

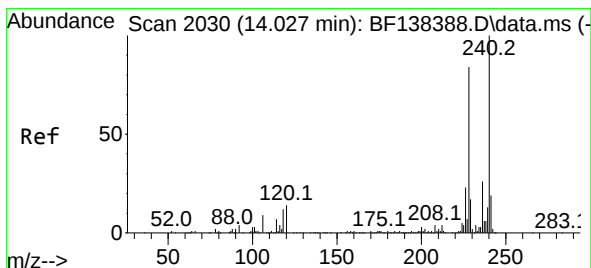
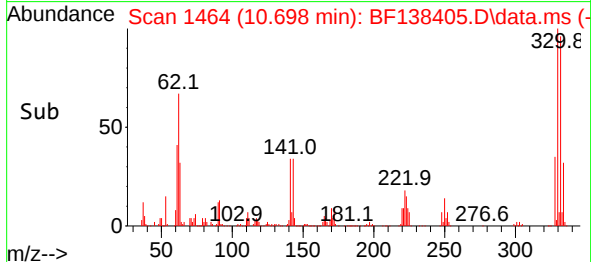
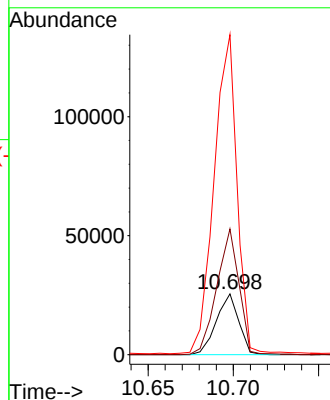
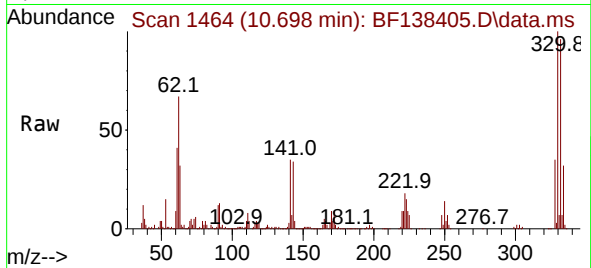




#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

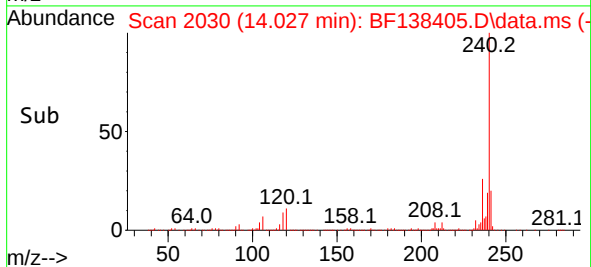
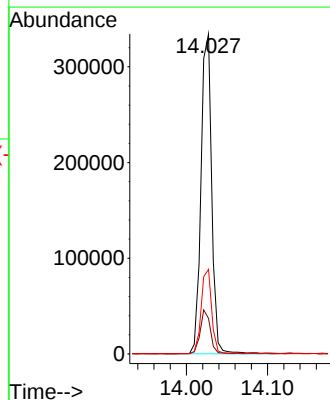
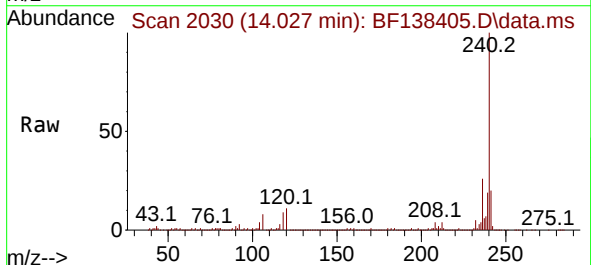
Instrument :
BNA_F
ClientSampleId :
MW2-20240627

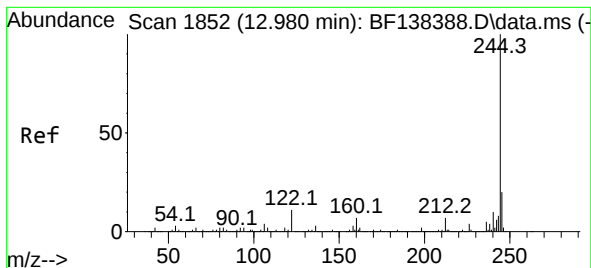
Tgt Ion:248 Resp: 23338
Ion Ratio Lower Upper
248 100
250 206.7 78.2 117.4#
141 525.9 67.6 101.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138405.D
Acq: 01 Jul 2024 16:05

Tgt Ion:240 Resp: 307478
Ion Ratio Lower Upper
240 100
120 11.1 10.9 16.3
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 60.685 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF138405.D

Acq: 01 Jul 2024 16:05

Instrument :

BNA_F

ClientSampleId :

MW2-20240627

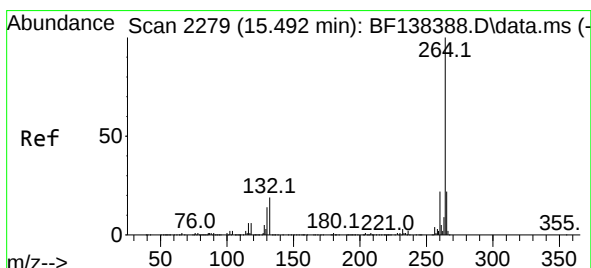
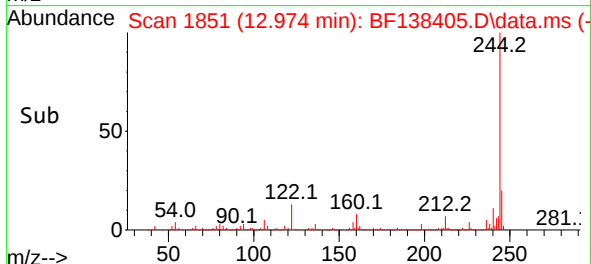
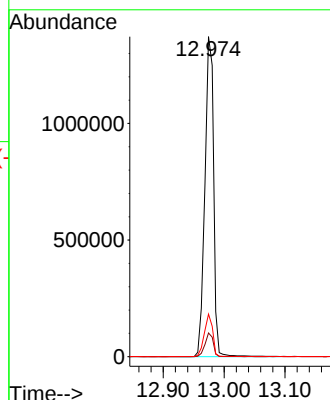
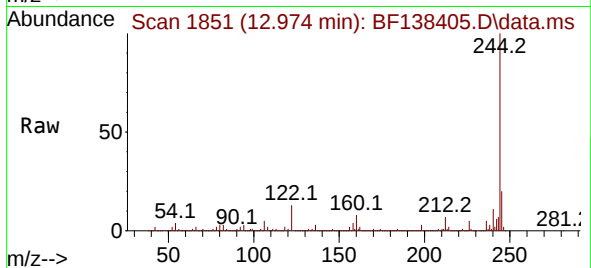
Tgt Ion:244 Resp: 1361581

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 13.3 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: BF138405.D

Acq: 01 Jul 2024 16:05

Tgt Ion:264 Resp: 294064

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.6

265 22.2 17.5 26.3

