

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054839.D
 Acq On : 2 Sep 2022 14:08
 Operator : CG/JU
 Sample : N4355-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23DL

Quant Time: Sep 03 00:26:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

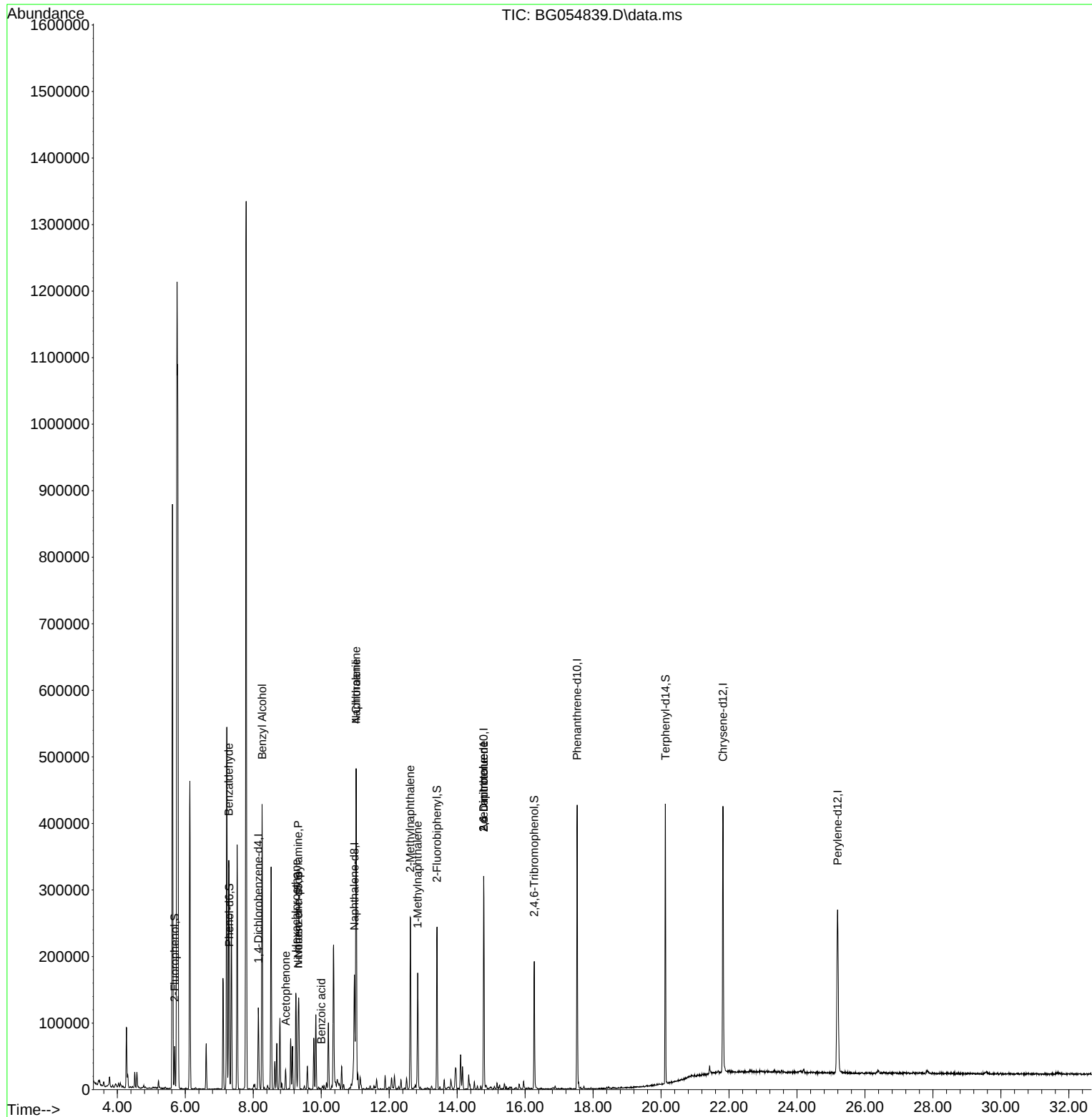
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	36704	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	157957	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	115050	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	280300	20.000	ng	0.00
76) Chrysene-d12	21.819	240	269938	20.000	ng	0.00
86) Perylene-d12	25.192	264	281716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	30431	14.437	ng	0.00
7) Phenol-d6	7.295	99	26316	9.129	ng	0.00
23) Nitrobenzene-d5	9.322	82	49998	16.617	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	44363	30.859	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	135414	17.691	ng	0.00
79) Terphenyl-d14	20.127	244	228504	16.773	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.278	77	24809	13.132	ng	# 1
15) Benzyl Alcohol	8.259	79	21387	10.270	ng	# 8
18) Hexachloroethane	9.258	117	23536	24.146	ng	# 1
19) n-Nitroso-di-n-propyla...	9.322	70	6194	3.125	ng	# 84
22) Acetophenone	8.952	105	23421	5.927	ng	# 55
31) Naphthalene	11.026	128	420928	49.669	ng	# 100
32) Benzoic acid	10.004	122	469	8.063	ng	# 28
33) 4-Chloroaniline	11.026	127	58233	16.855	ng	# 33
37) 2-Methylnaphthalene	12.618	142	135738	22.852	ng	# 99
38) 1-Methylnaphthalene	12.836	142	86724	15.007	ng	# 96
51) 2,6-Dinitrotoluene	14.781	165	15823	8.728	ng	# 23
57) 2,4-Dinitrotoluene	14.781	165	15823	6.310	ng	# 21

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

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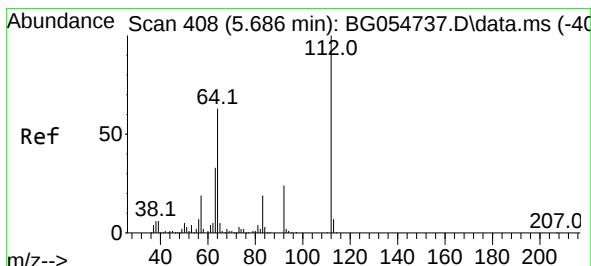
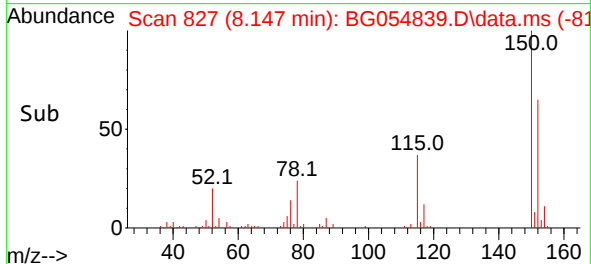
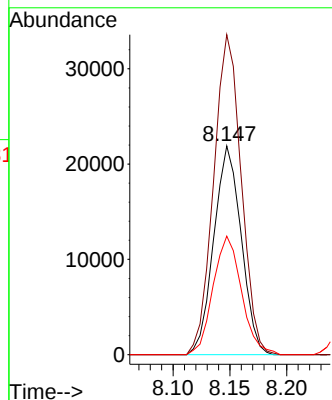
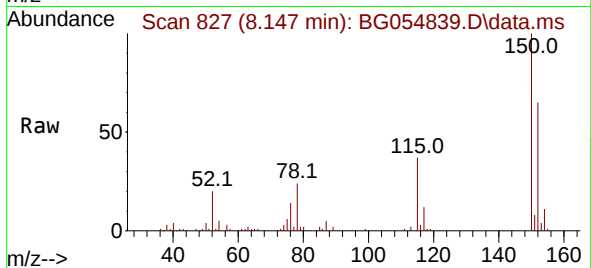




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

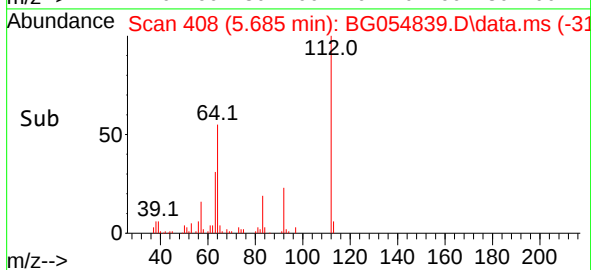
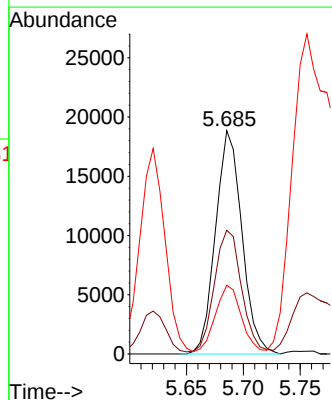
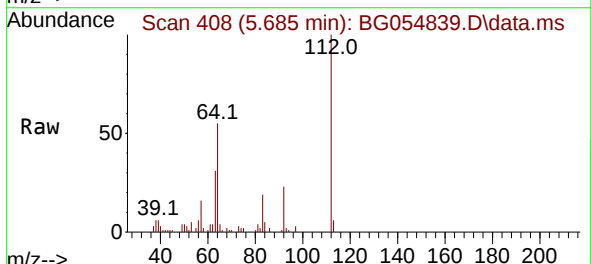
Instrument :
BNA_G
ClientSampleId :
MW-23DL

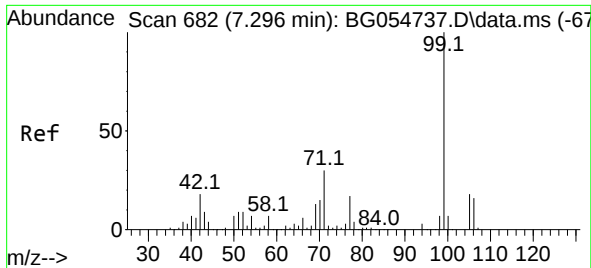
Tgt Ion:152 Resp: 36704
Ion Ratio Lower Upper
152 100
150 153.3 125.2 187.8
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 14.437 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:112 Resp: 30431
Ion Ratio Lower Upper
112 100
64 55.3 49.3 73.9
63 30.7 26.3 39.5

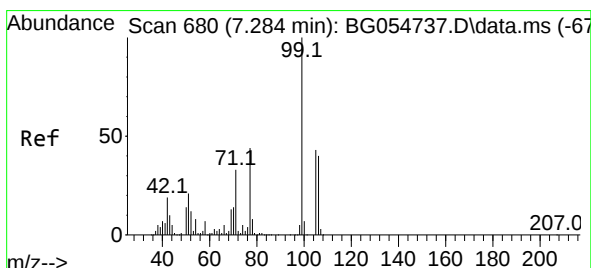
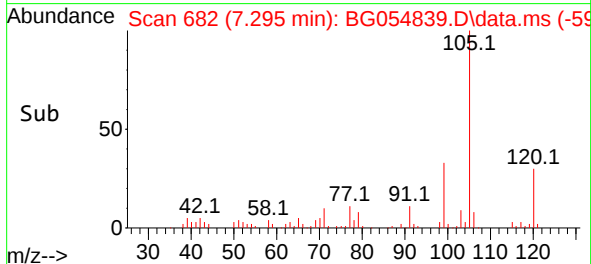
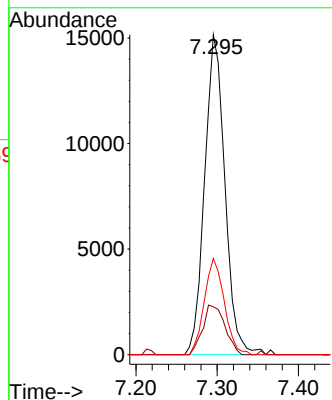
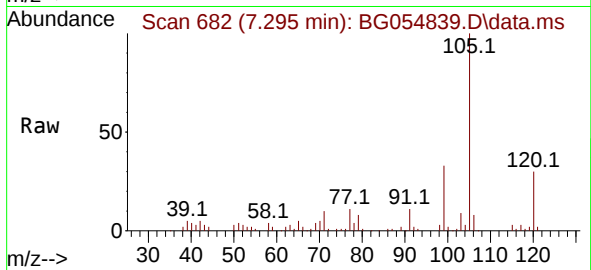




#7
Phenol-d6
Concen: 9.129 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

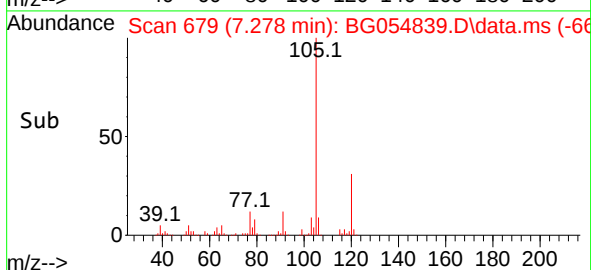
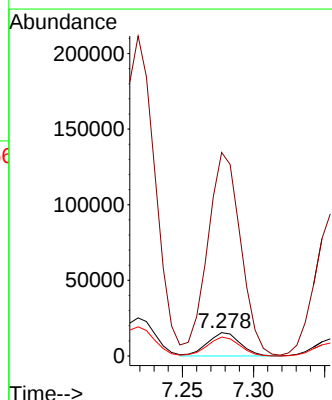
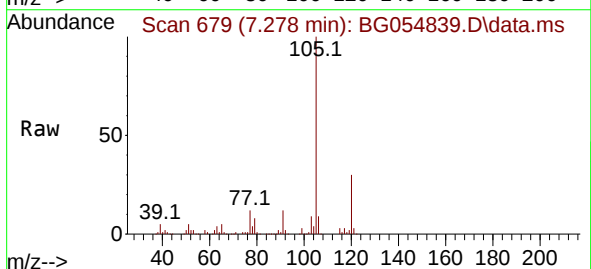
Instrument :
BNA_G
ClientSampleId :
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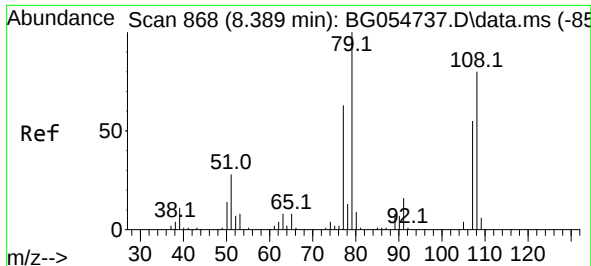
Tgt Ion: 99 Resp: 26316
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 30.0 24.6 37.0



#9
Benzaldehyde
Concen: 13.132 ng
RT: 7.278 min Scan# 679
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion: 77 Resp: 24809
Ion Ratio Lower Upper
77 100
105 868.9 75.3 115.3#
106 80.3 70.2 110.2

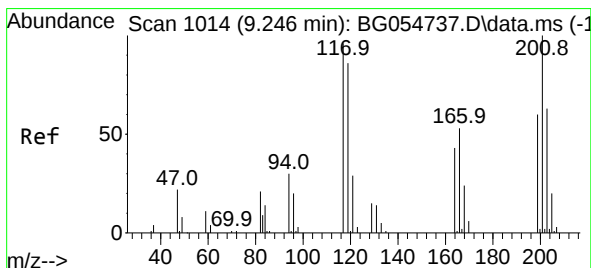
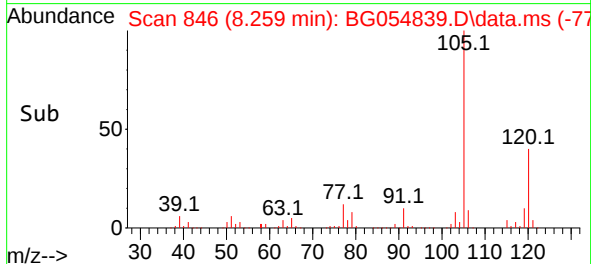
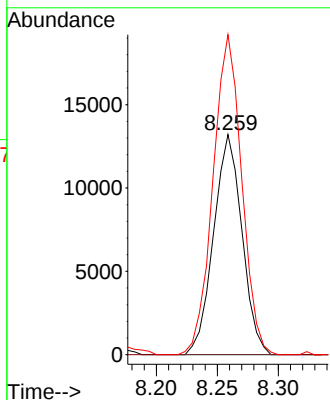
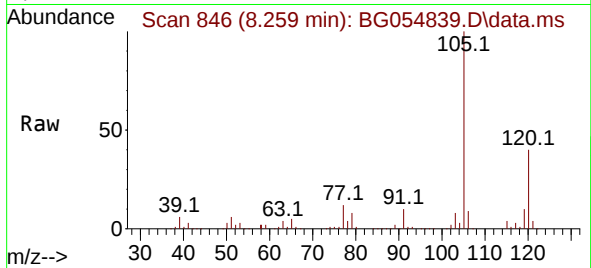




#15
Benzyl Alcohol
Concen: 10.270 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.130 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

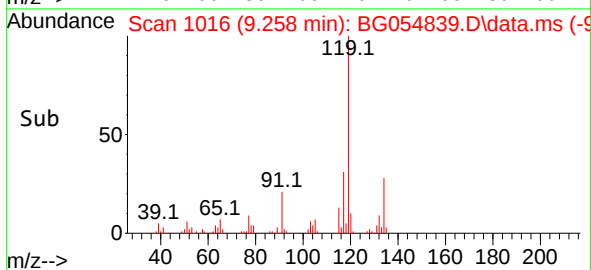
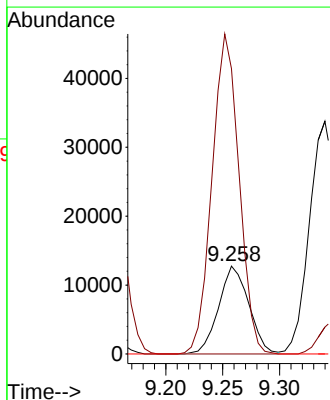
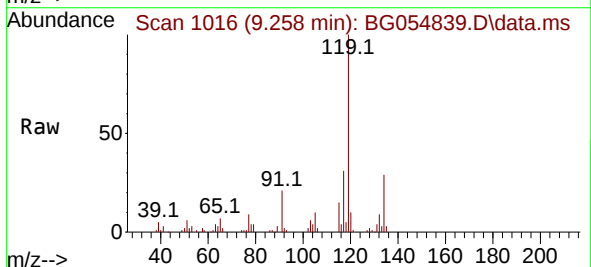
Instrument :
BNA_G
ClientSampleId :
MW-23DL

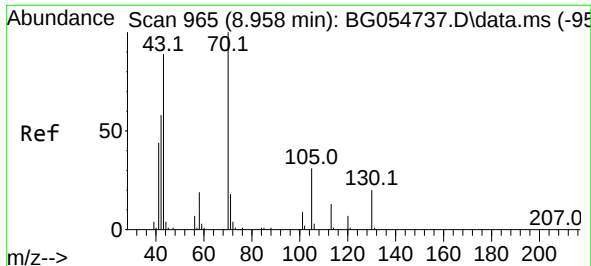
Tgt Ion: 79 Resp: 21387
Ion Ratio Lower Upper
79 100
108 0.0 63.4 95.0#
77 145.3 55.0 82.4#



#18
Hexachloroethane
Concen: 24.146 ng
RT: 9.258 min Scan# 1016
Delta R.T. 0.011 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion: 117 Resp: 23536
Ion Ratio Lower Upper
117 100
119 324.6 77.0 115.6#
201 0.0 87.2 130.8#

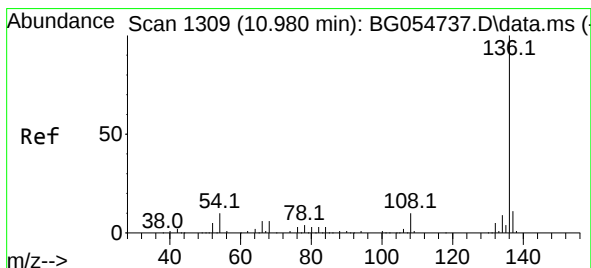
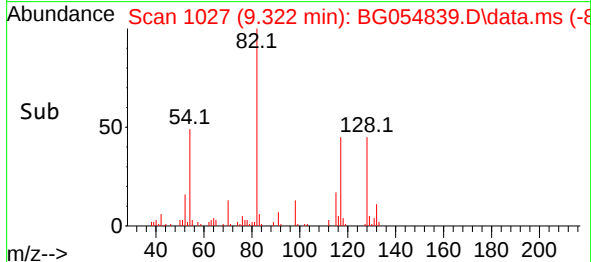
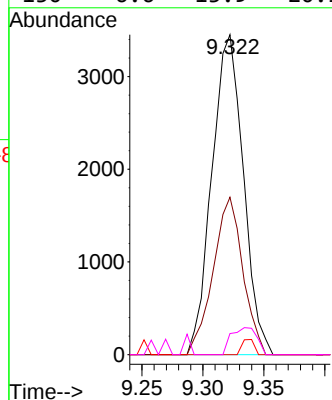
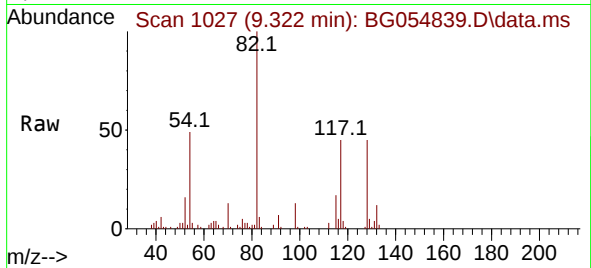




#19
n-Nitroso-di-n-propylamine
Concen: 3.125 ng
RT: 9.322 min Scan# 10
Delta R.T. 0.364 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

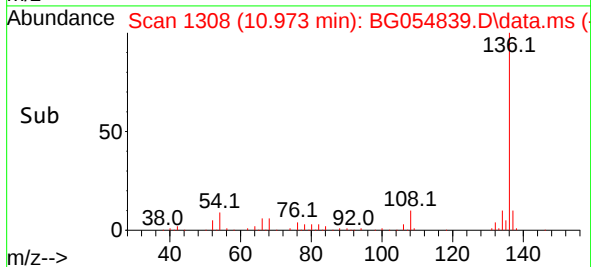
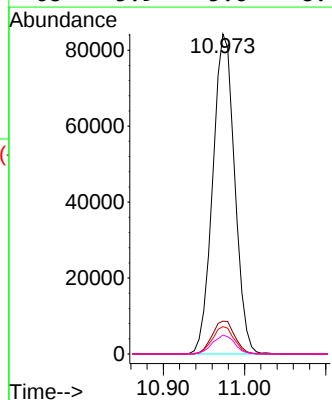
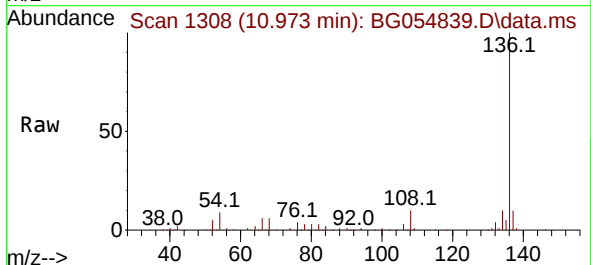
Instrument :
BNA_G
ClientSampleId :
MW-23DL

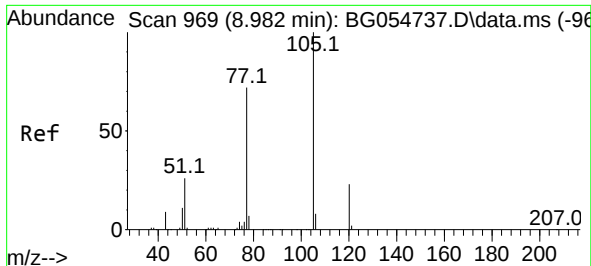
Tgt Ion: 70 Resp: 6194
Ion Ratio Lower Upper
70 100
42 49.2 46.6 69.8
101 0.0 7.7 11.5#
130 6.6 13.9 20.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:136 Resp: 157957
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 8.6 7.7 11.5
68 5.9 5.6 8.4

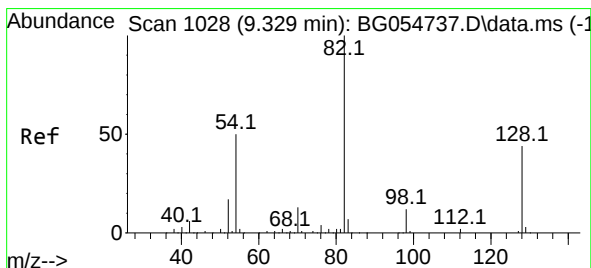
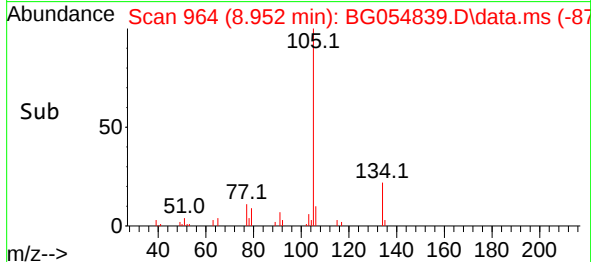
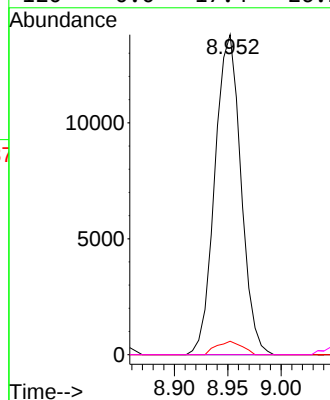
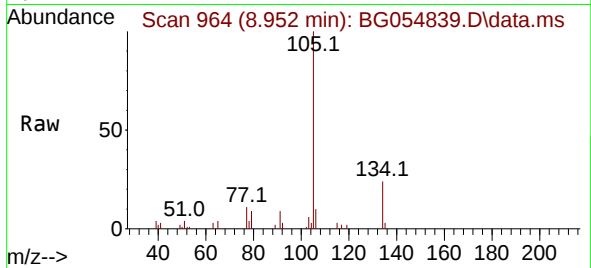




#22
Acetophenone
Concen: 5.927 ng
RT: 8.952 min Scan# 90
Delta R.T. -0.030 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

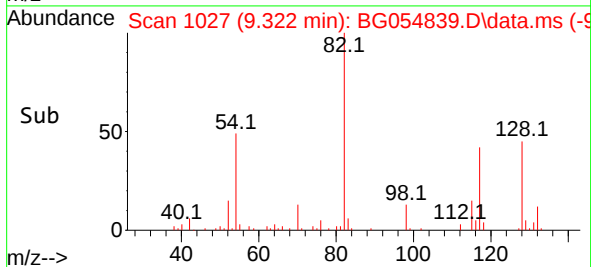
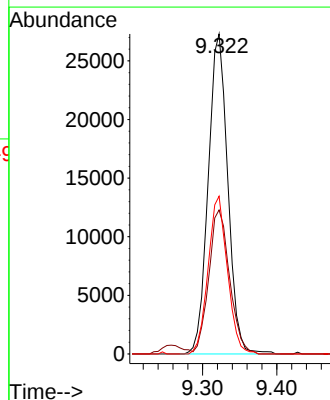
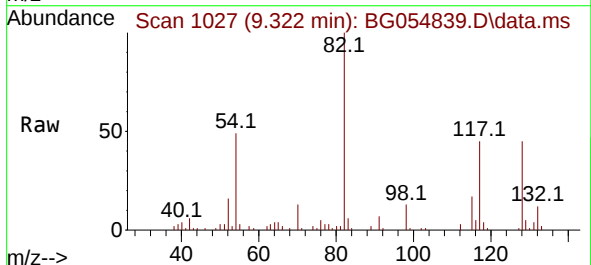
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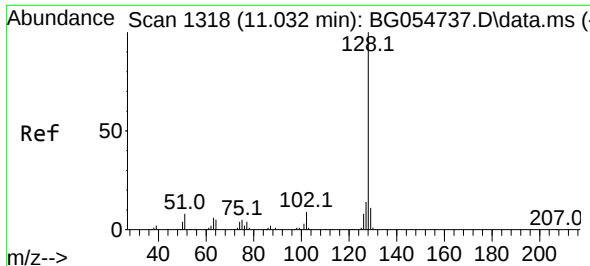
Tgt Ion:	105	Resp:	23421
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.2	1.8#
51	4.2	22.9	34.3#
120	0.0	17.4	26.2#



#23
Nitrobenzene-d5
Concen: 16.617 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:	82	Resp:	49998
Ion Ratio	Lower	Upper	
82	100		
128	45.0	32.2	48.2
54	49.3	41.4	62.0

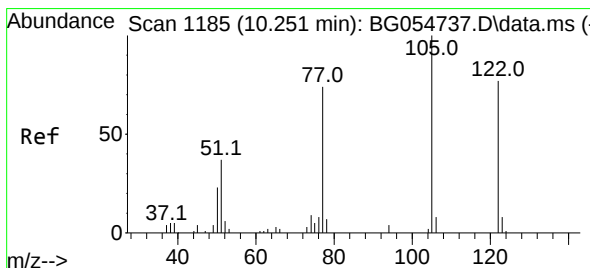
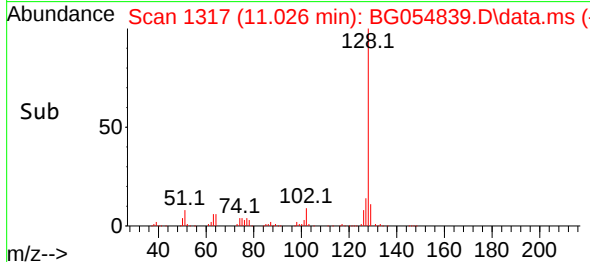
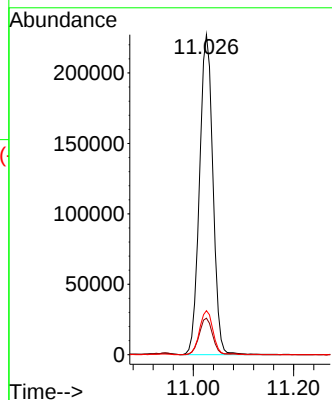
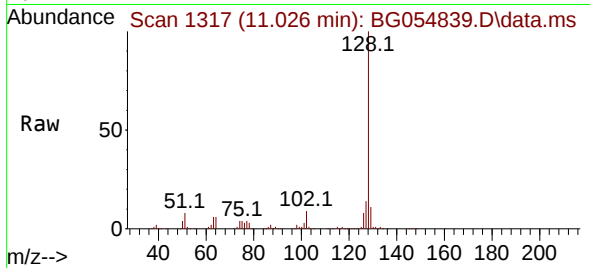




#31
Naphthalene
Concen: 49.669 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

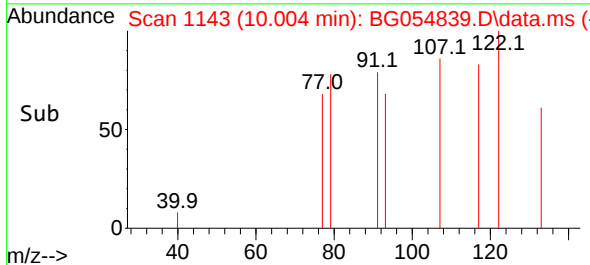
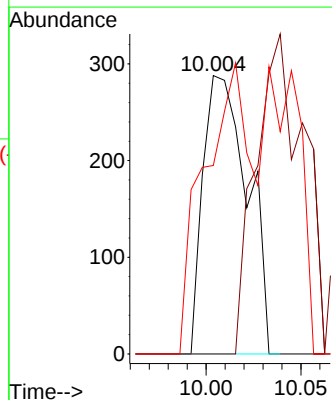
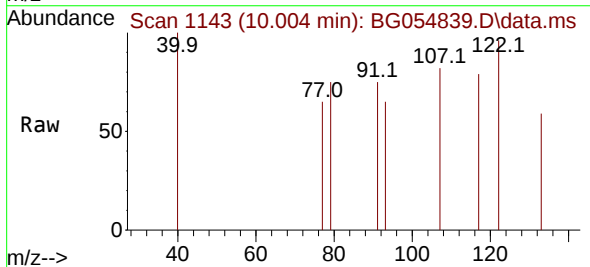
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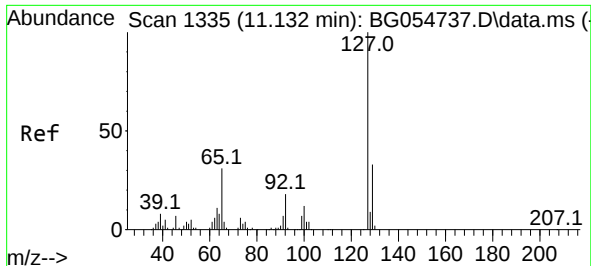
Tgt Ion:128 Resp: 420928
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 8.063 ng
RT: 10.004 min Scan# 1143
Delta R.T. -0.247 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:122 Resp: 469
Ion Ratio Lower Upper
122 100
105 0.0 101.5 141.5#
77 67.7 69.3 109.3#

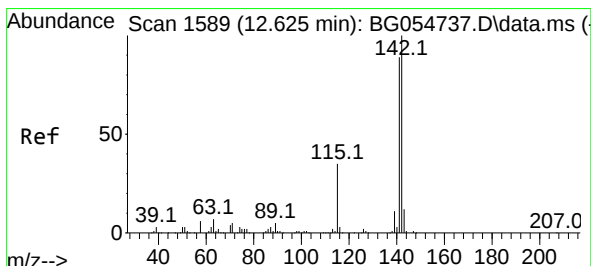
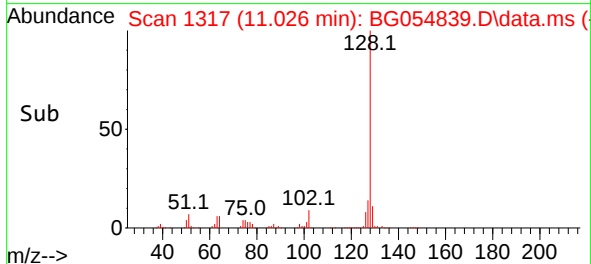
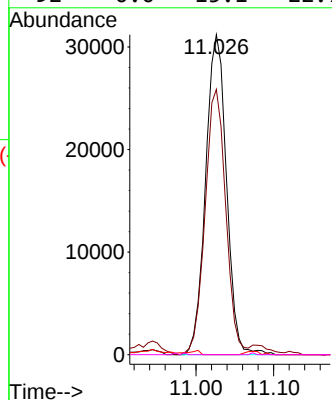
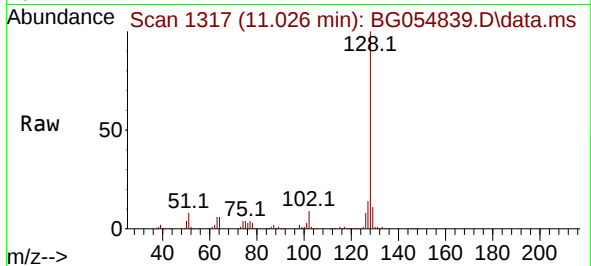




#33
4-Chloroaniline
Concen: 16.855 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.106 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

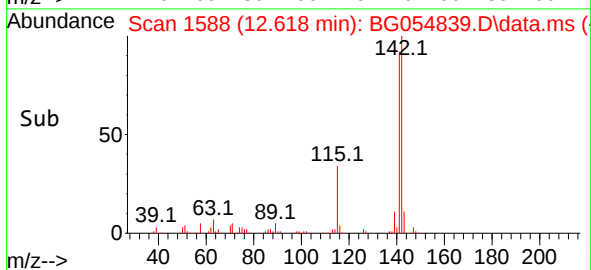
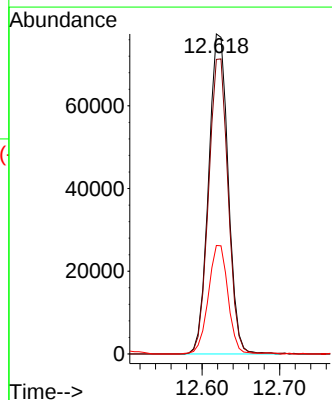
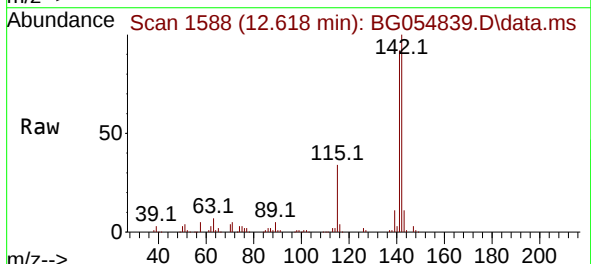
Instrument :
BNA_G
ClientSampleId :
MW-23DL

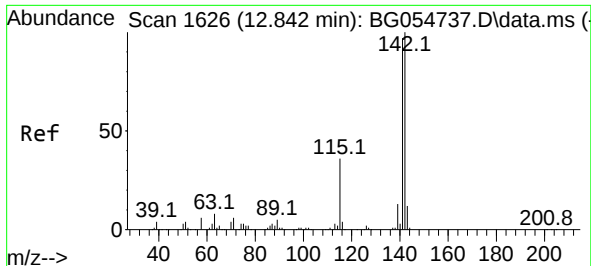
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Ion Ratio	Lower	Upper
127	100	
129	82.9	26.0 39.0#
65	0.0	25.8 38.8#
92	0.0	15.1 22.7#



#37
2-Methylnaphthalene
Concen: 22.852 ng
RT: 12.618 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:142	Resp:	135738
Ion Ratio	Lower	Upper
142	100	
141	92.0	73.0 109.4
115	33.9	27.3 40.9

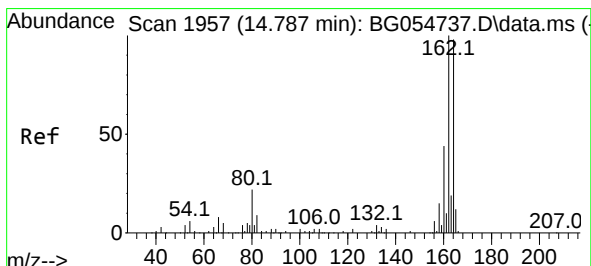
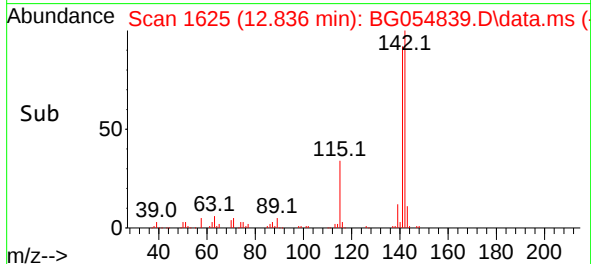
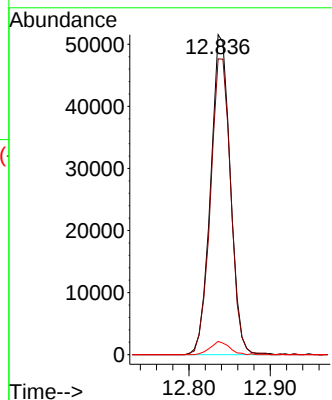
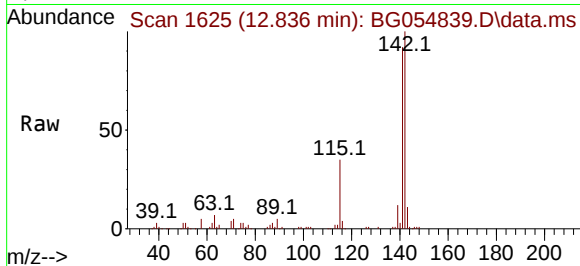




#38
1-Methylnaphthalene
Concen: 15.007 ng
RT: 12.836 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

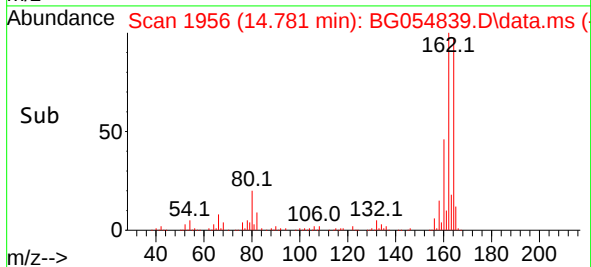
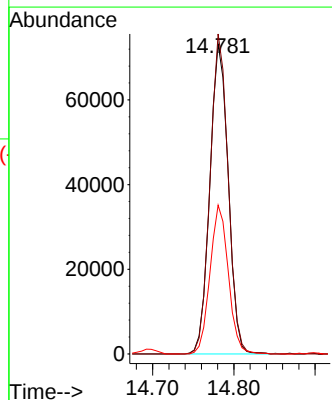
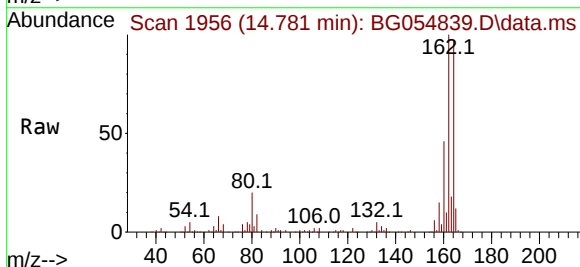
Instrument :
BNA_G
ClientSampleId :
MW-23DL

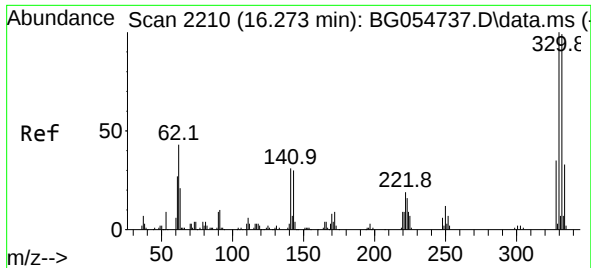
Tgt Ion:142 Resp: 86724
Ion Ratio Lower Upper
142 100
141 92.4 77.4 116.0
116 4.1 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:164 Resp: 115050
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 48.0 38.0 57.0

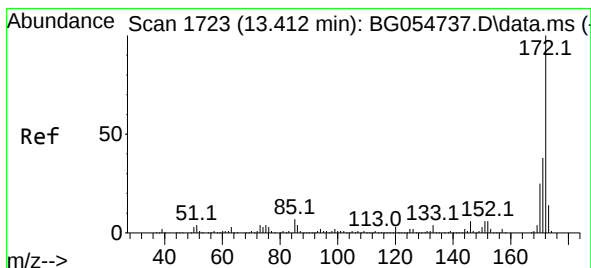
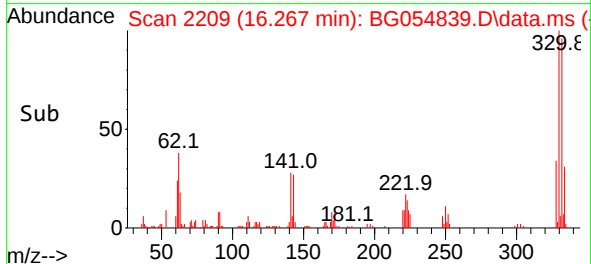
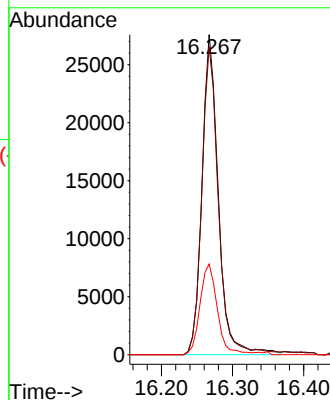
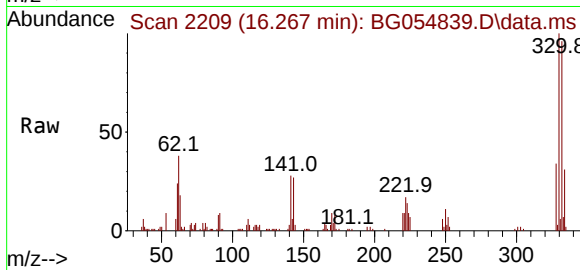




#42
 2,4,6-Tribromophenol
 Concen: 30.859 ng
 RT: 16.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054839.D
 Acq: 2 Sep 2022 14:08

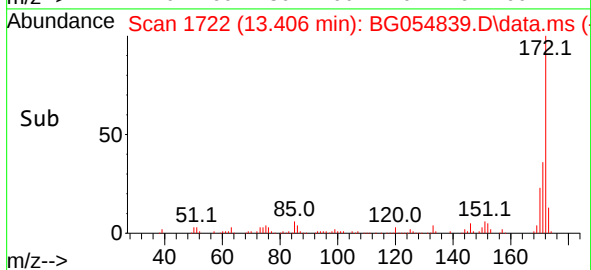
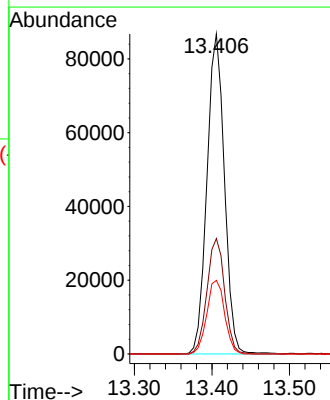
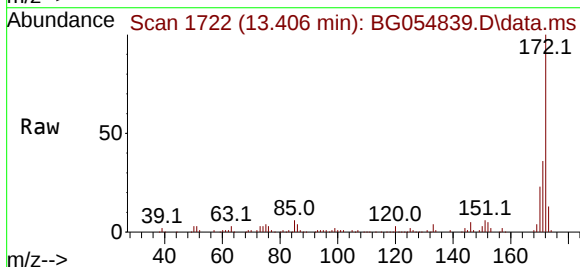
Instrument :
 BNA_G
 ClientSampleId :
 MW-23DL

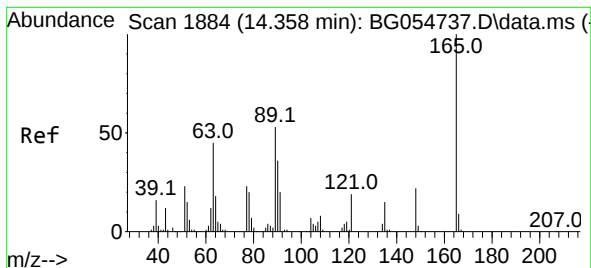
Tgt Ion:330 Resp: 44363
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.8 119.6
 141 29.7 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 17.691 ng
 RT: 13.406 min Scan# 1722
 Delta R.T. -0.006 min
 Lab File: BG054839.D
 Acq: 2 Sep 2022 14:08

Tgt Ion:172 Resp: 135414
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.2 46.8
 170 23.0 20.6 30.8

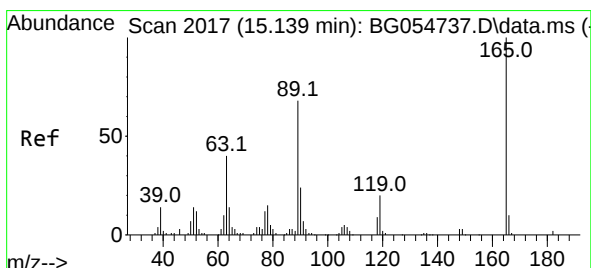
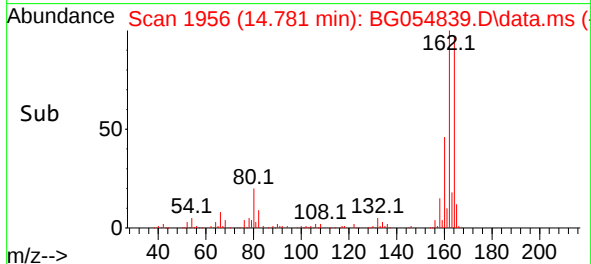
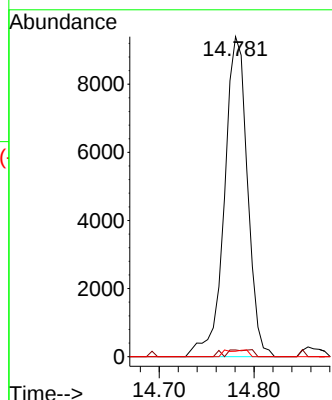
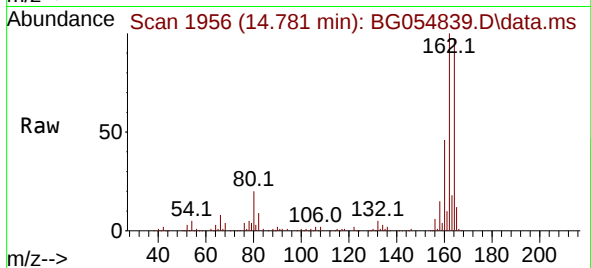




#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

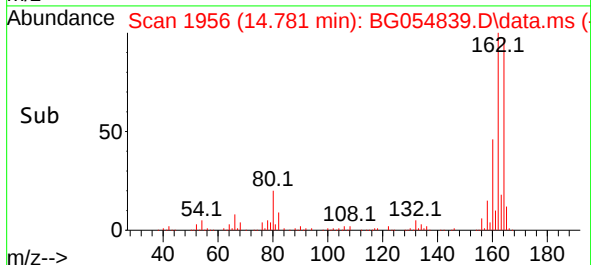
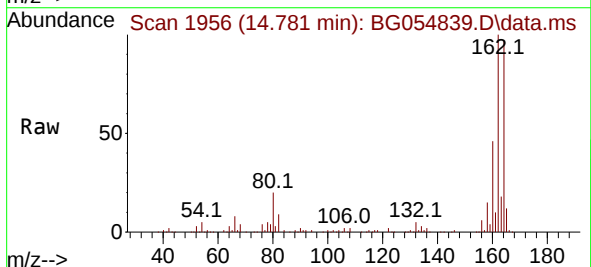
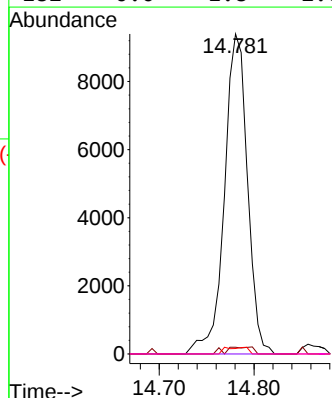
Instrument :
BNA_G
ClientSampleId :
MW-23DL

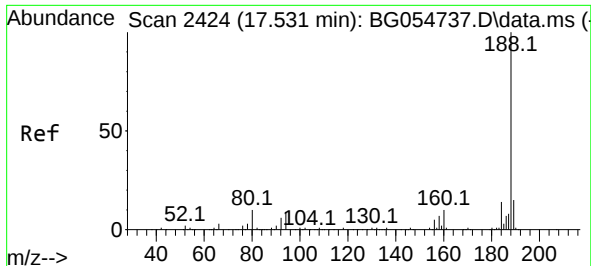
Tgt Ion:165 Resp: 15823
Ion Ratio Lower Upper
165 100
63 2.1 46.0 69.0#
89 1.7 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:165 Resp: 15823
Ion Ratio Lower Upper
165 100
63 2.1 36.8 55.2#
89 1.7 64.3 96.5#
182 0.0 1.8 2.6#

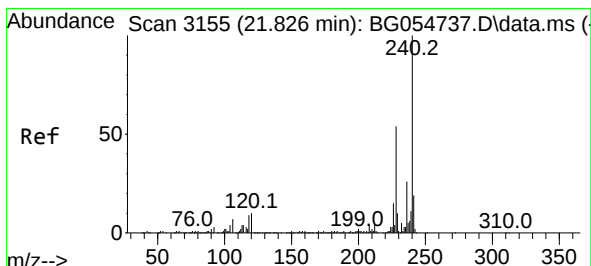
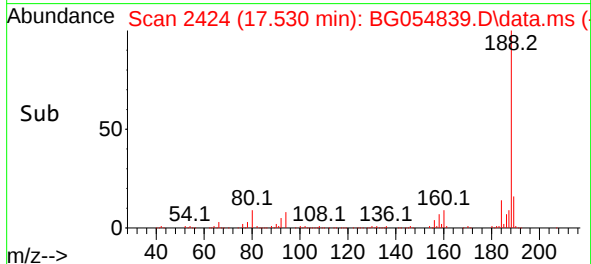
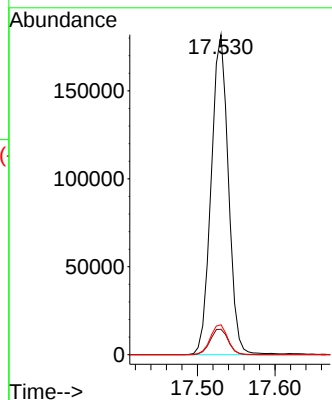
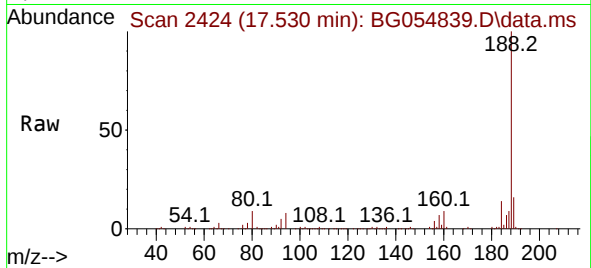




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

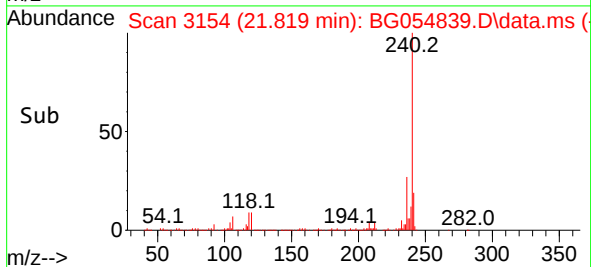
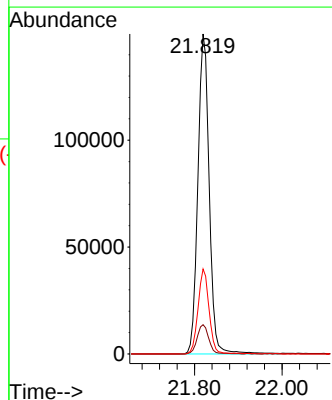
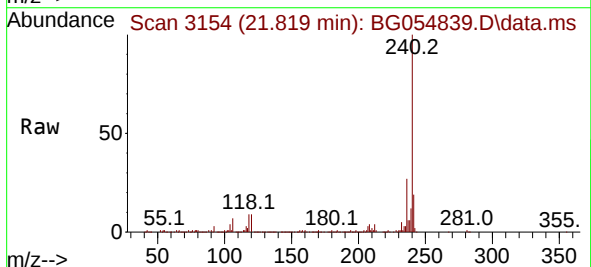
Instrument :
BNA_G
ClientSampleId :
MW-23DL

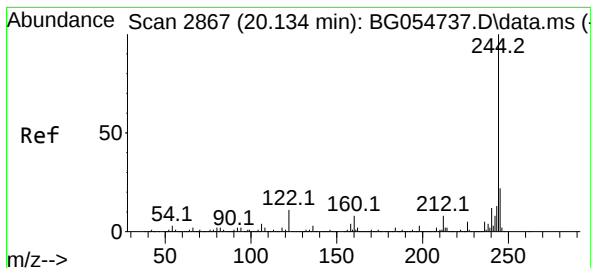
Tgt Ion:188 Resp: 280300
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Tgt Ion:240 Resp: 269938
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 16.773 ng

RT: 20.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054839.D

Acq: 2 Sep 2022 14:08

Instrument :

BNA_G

ClientSampleId :

MW-23DL

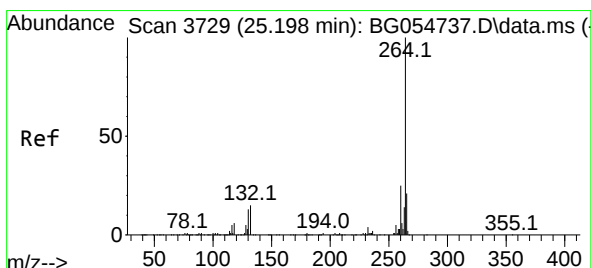
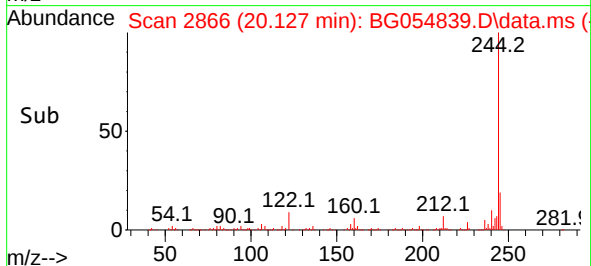
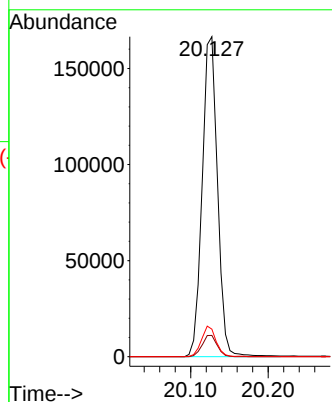
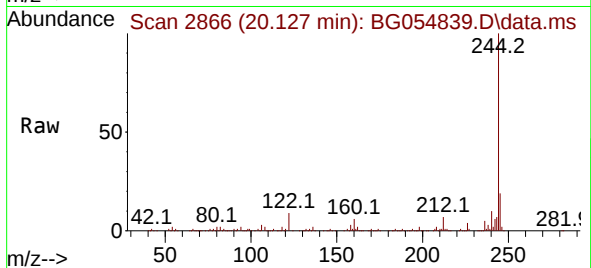
Tgt Ion:244 Resp: 228504

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

122 8.6 9.0 13.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.192 min Scan# 3728

Delta R.T. -0.006 min

Lab File: BG054839.D

Acq: 2 Sep 2022 14:08

Tgt Ion:264 Resp: 281716

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 21.4 16.9 25.3

