

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)

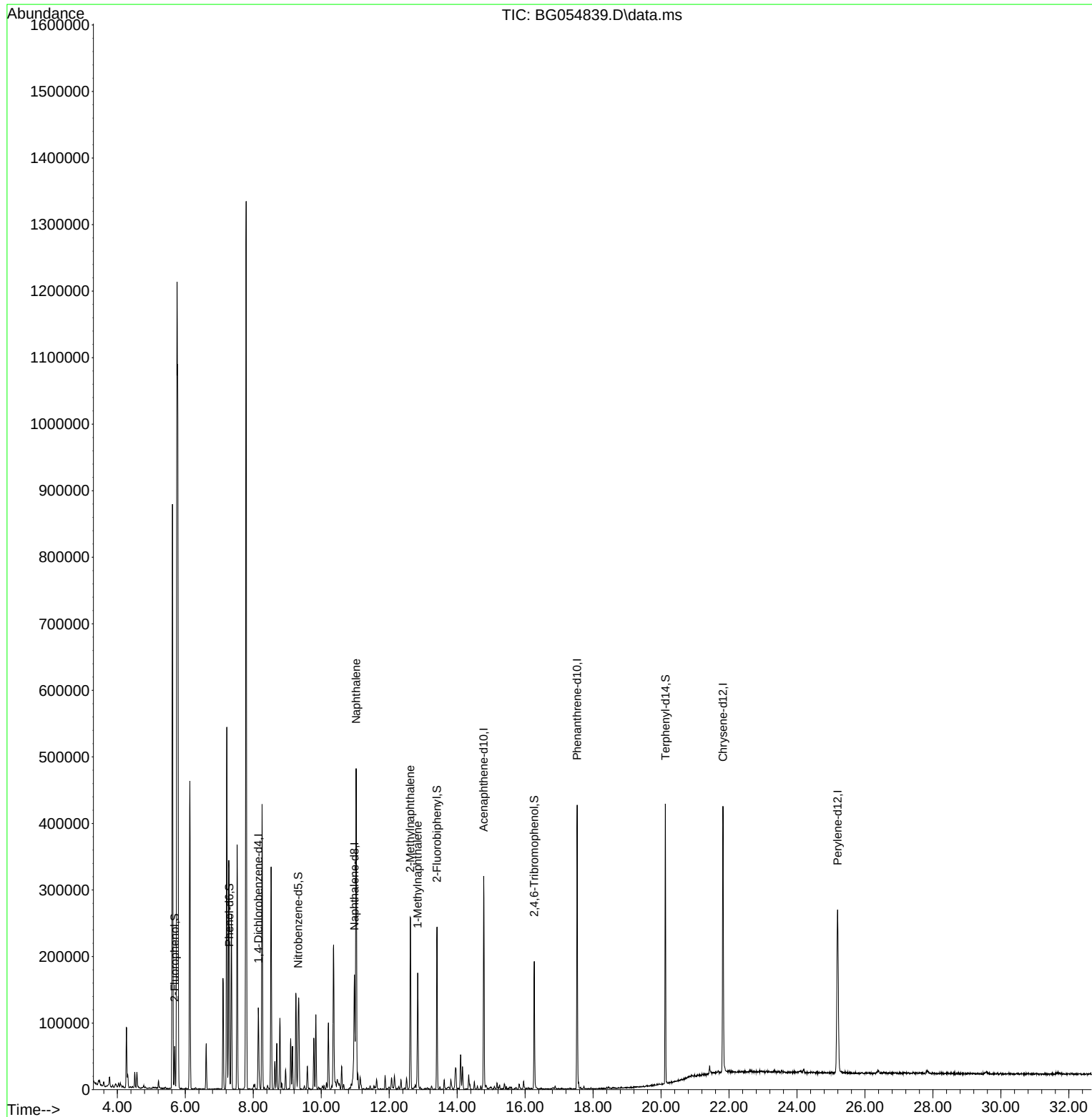
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	36704	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	157957	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	115050	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	280300	20.000	ng	0.00
76) Chrysene-d12	21.819	240	269938	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	11.026	128	420928	49.669	ng	100
37) 2-Methylnaphthalene	12.618	142	135738	22.852	ng	99
38) 1-Methylnaphthalene	12.836	142	86724	15.007	ng	96

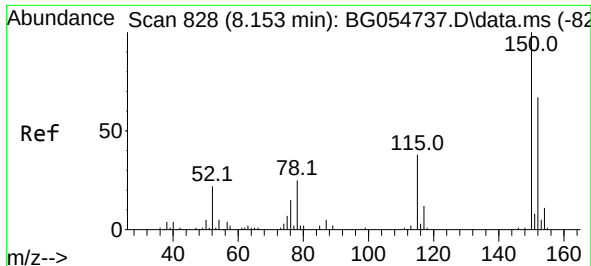
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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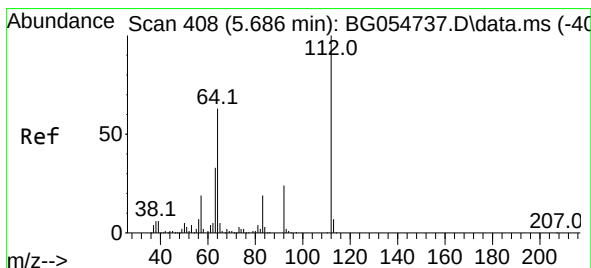
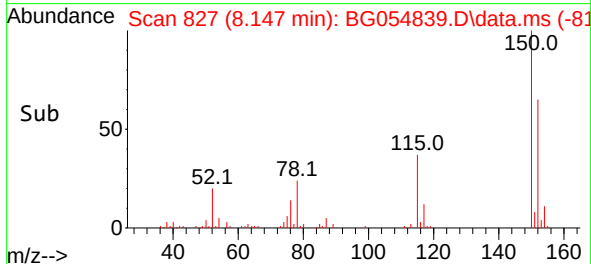
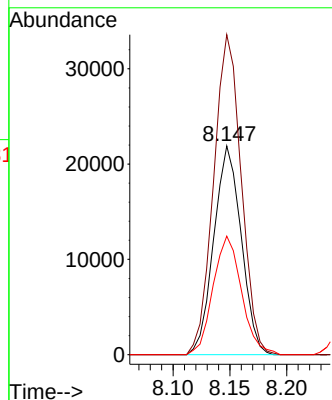
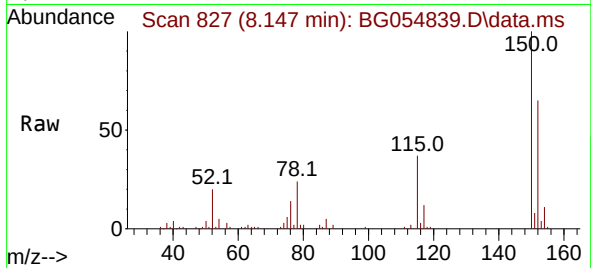




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

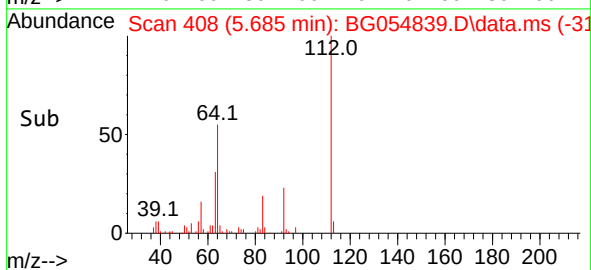
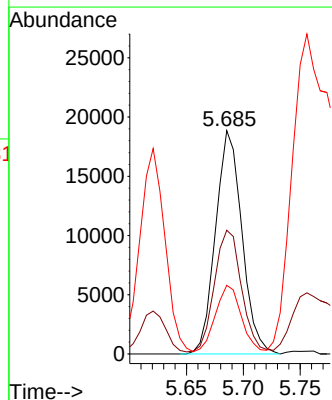
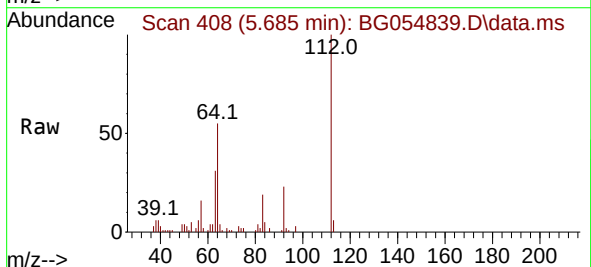
Instrument :
BNA_G
ClientSampleId :
MW-23DL

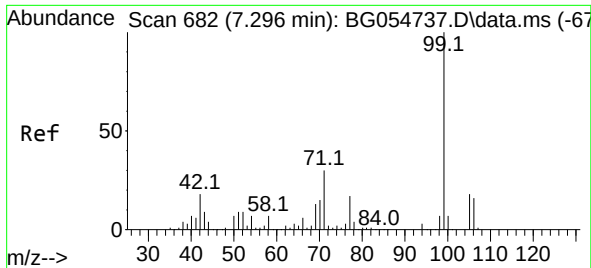
Tgt Ion:152 Resp: 36704
Ion Ratio Lower Upper
152 100
150 153.3 125.2 187.8
115 56.8 47.9 71.9



#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

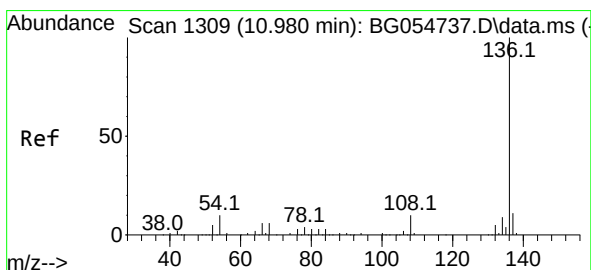
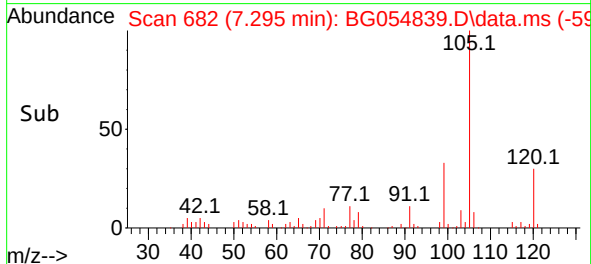
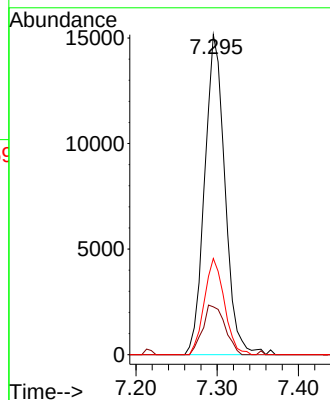
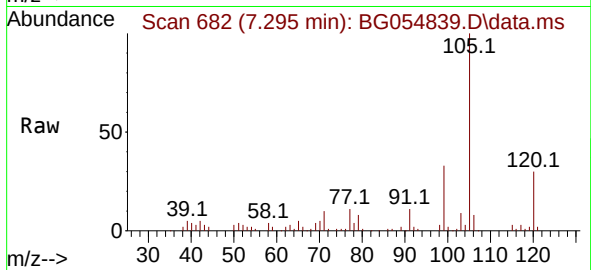




#7
Phenol-d6
Concen: 9.129 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

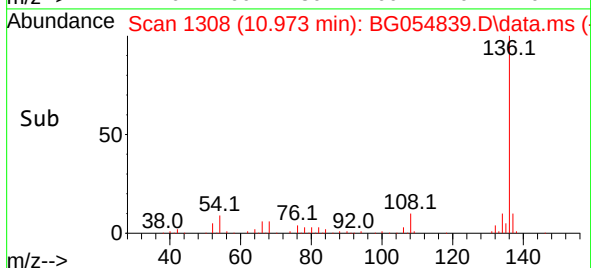
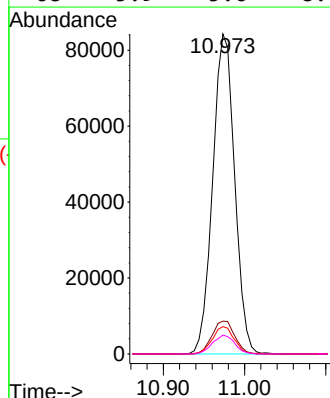
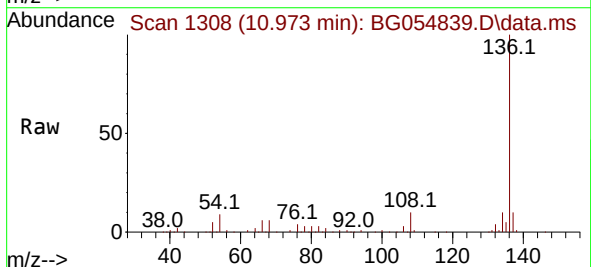
Instrument :
BNA_G
ClientSampleId :
MW-23DL

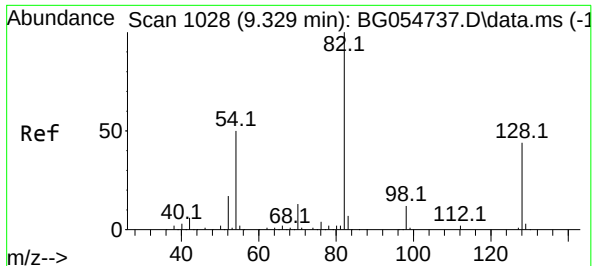
Tgt Ion: 99 Resp: 26316
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 30.0 24.6 37.0



#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





#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

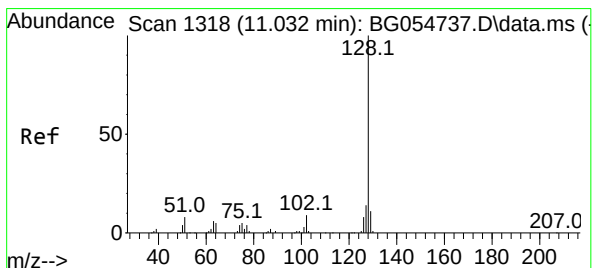
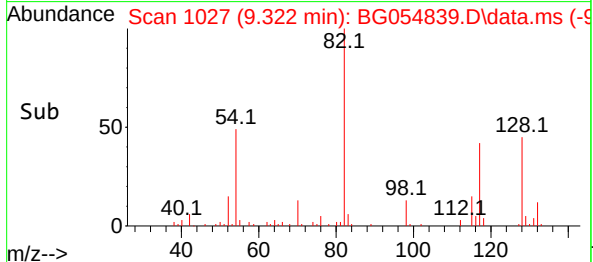
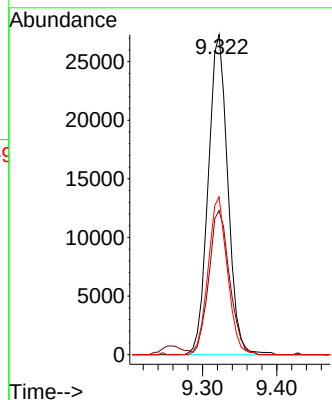
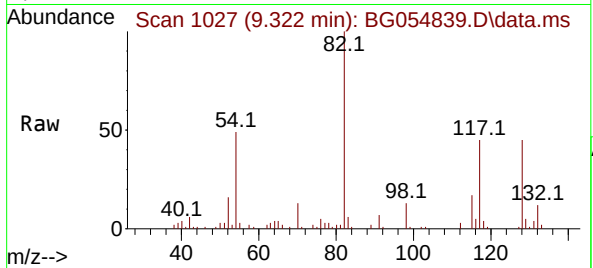
Instrument :

BNA_G

ClientSampleId :

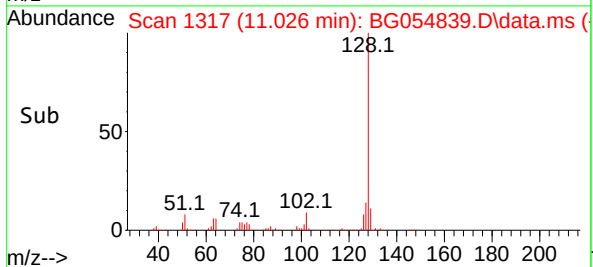
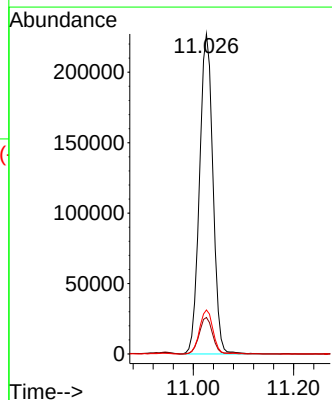
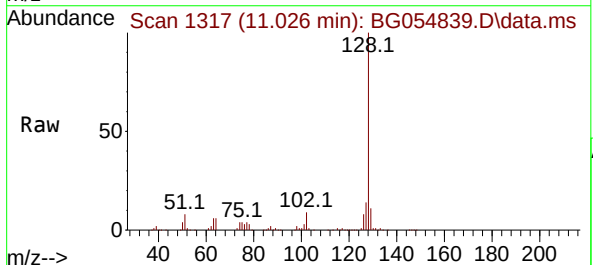
MW-23DL

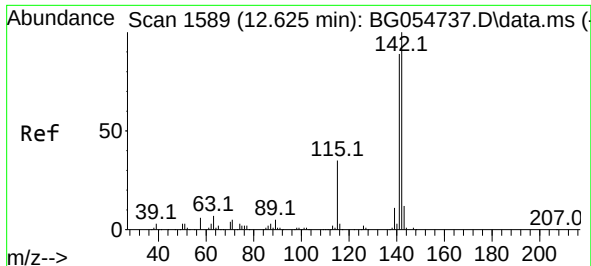
Tgt Ion: 82 Resp: 49998
Ion Ratio Lower Upper
82 100
128 45.0 32.2 48.2
54 49.3 41.4 62.0



#31
Naphthalene
Concen: 49.669 ng
RT: 11.026 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

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





#37

2-Methylnaphthalene

Concen: 22.852 ng

RT: 12.618 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

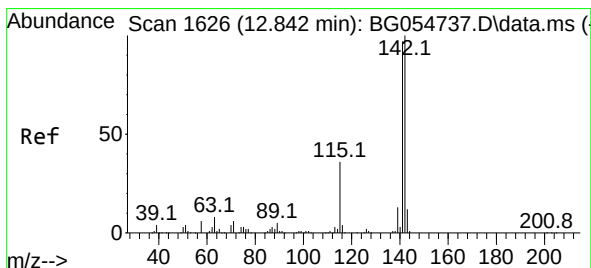
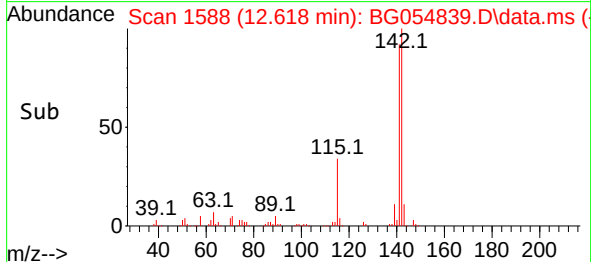
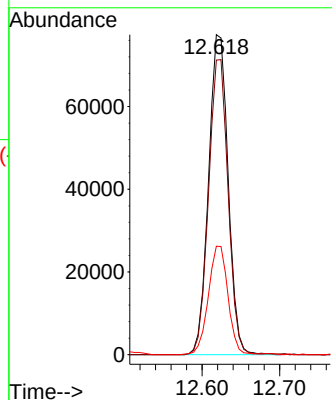
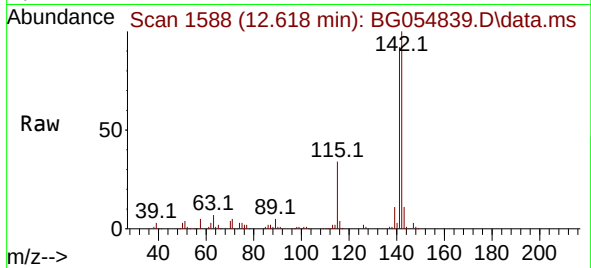
Tgt Ion:142 Resp: 135738

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# 1625

Delta R.T. -0.006 min

Lab File: BG054839.D

Acq: 2 Sep 2022 14:08

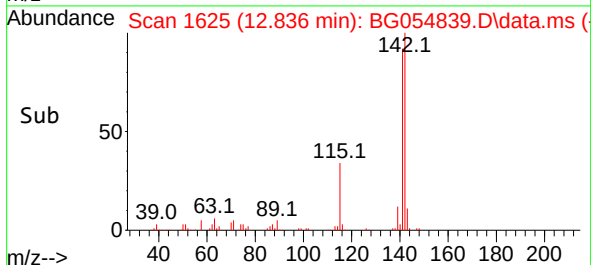
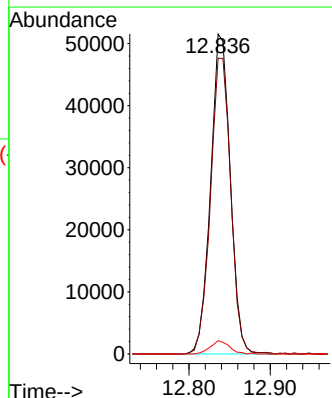
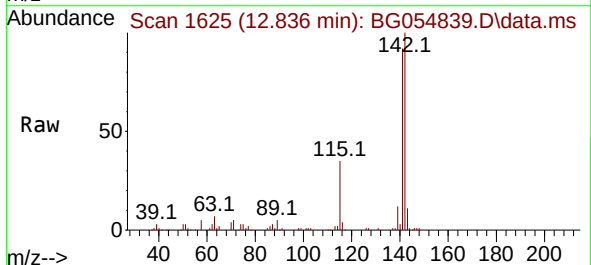
Tgt Ion:142 Resp: 86724

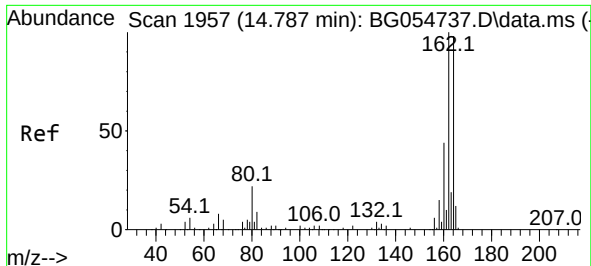
Ion Ratio Lower Upper

142 100

141 92.4 77.4 116.0

116 4.1 3.0 4.4

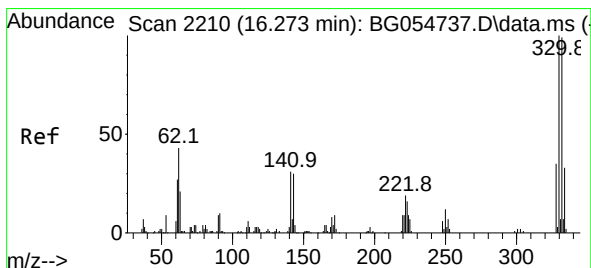
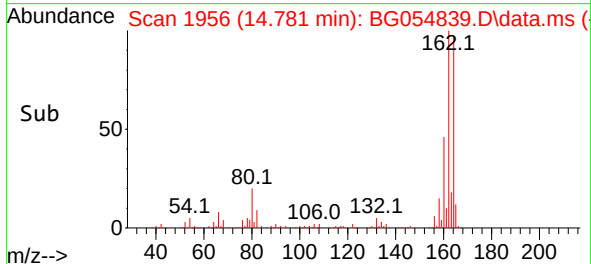
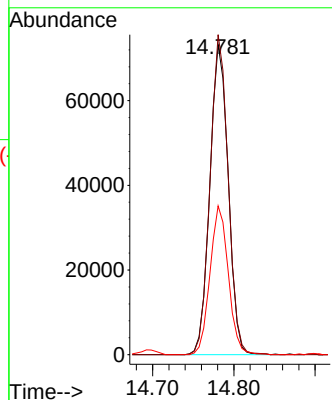
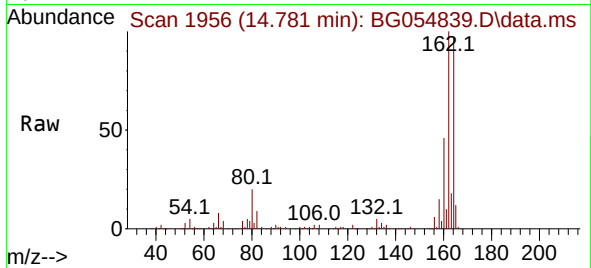




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

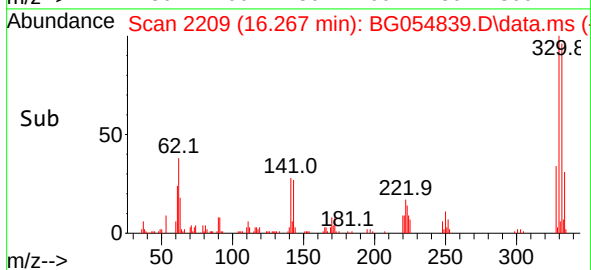
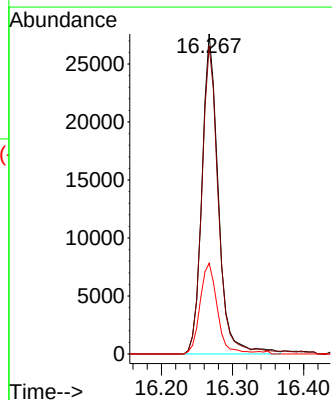
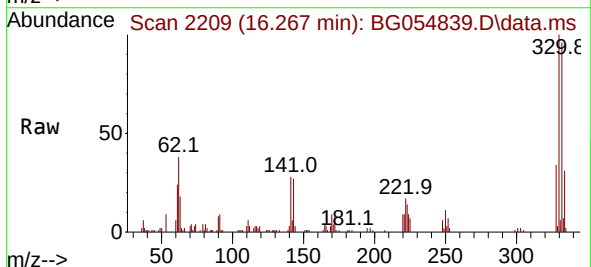
Instrument :
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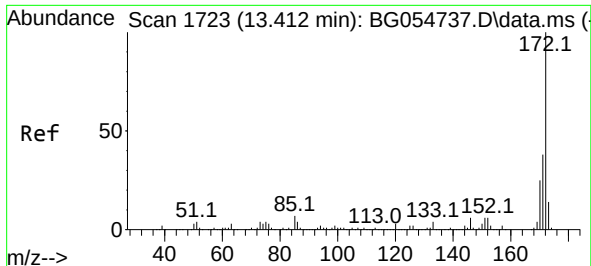
Tgt Ion:164 Resp: 115050
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 48.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 30.859 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

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

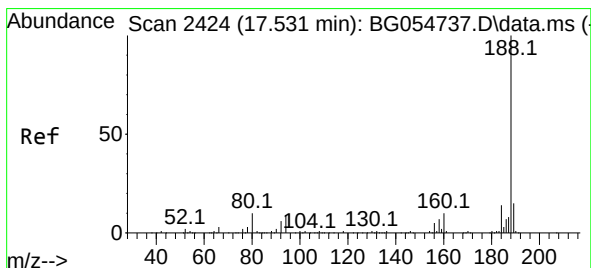
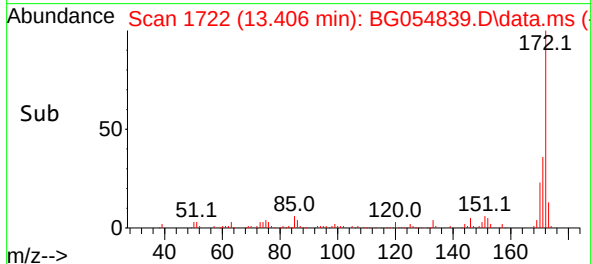
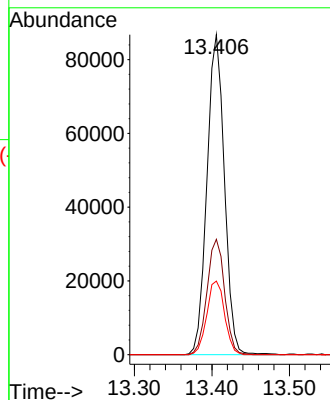
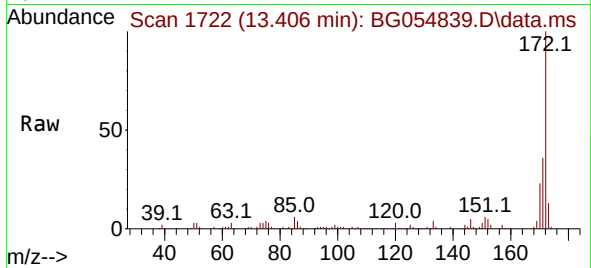




#45
2-Fluorobiphenyl
Concen: 17.691 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

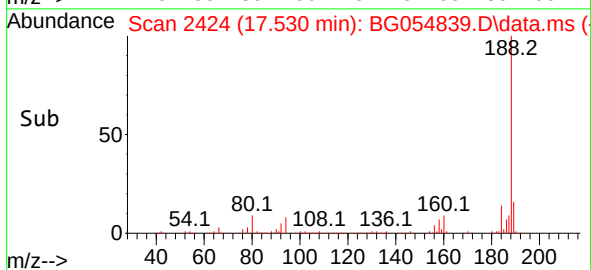
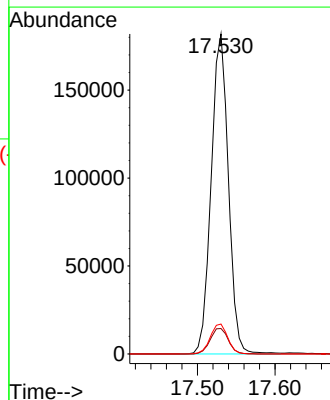
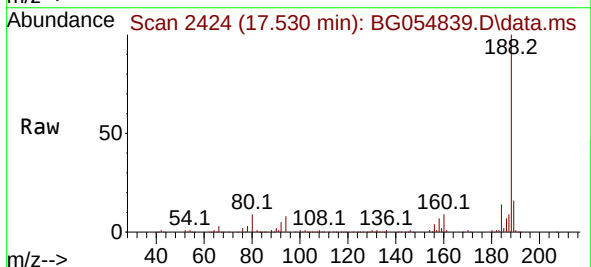
Instrument :
BNA_G
ClientSampleId :
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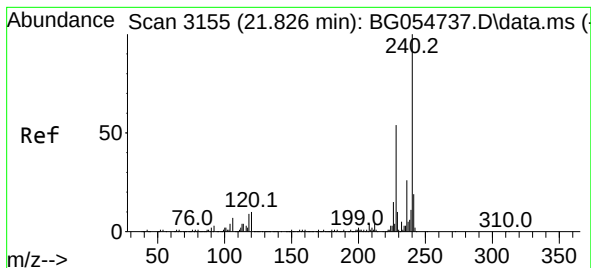
Tgt Ion:172 Resp: 135414
Ion Ratio Lower Upper
172 100
171 36.1 31.2 46.8
170 23.0 20.6 30.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

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

Instrument :

BNA_G

ClientSampleId :

MW-23DL

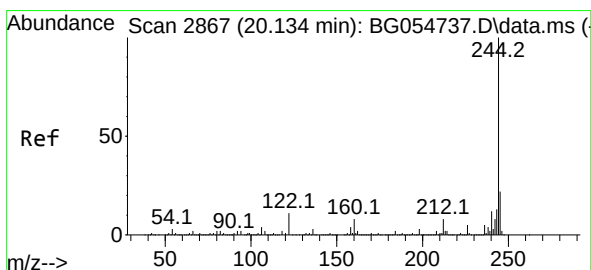
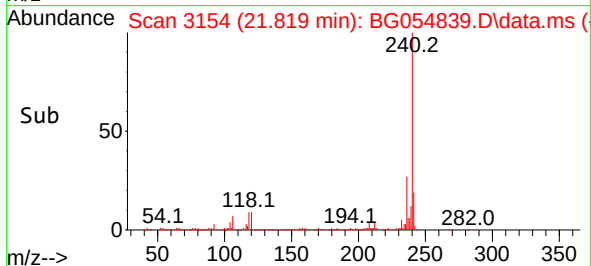
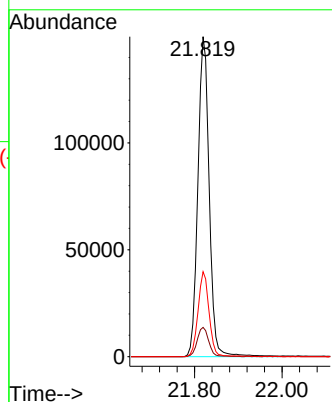
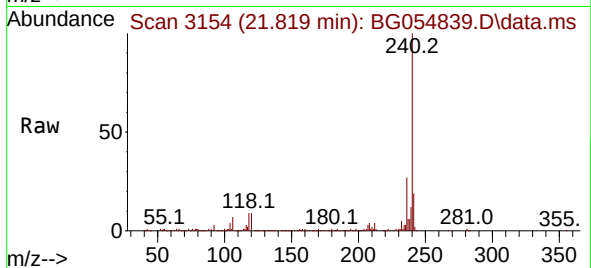
Tgt Ion:240 Resp: 269938

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# 2866

Delta R.T. -0.006 min

Lab File: BG054839.D

Acq: 2 Sep 2022 14:08

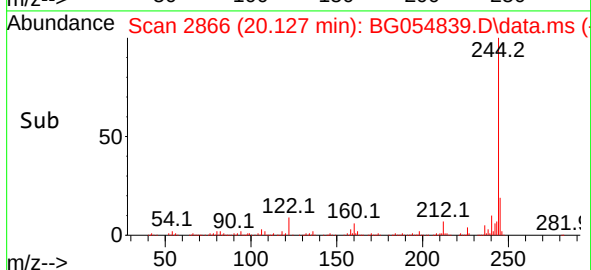
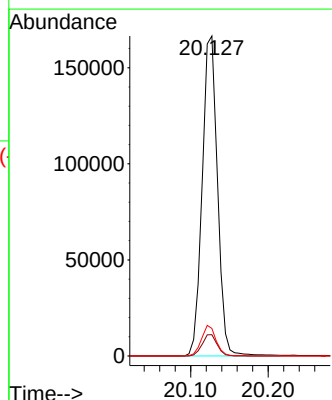
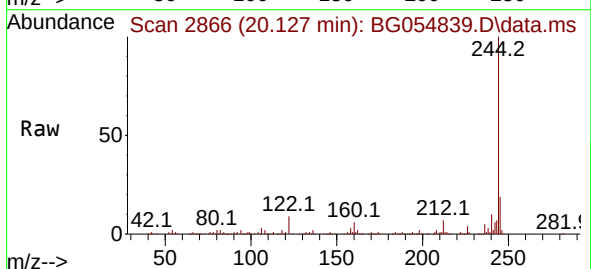
Tgt Ion:244 Resp: 228504

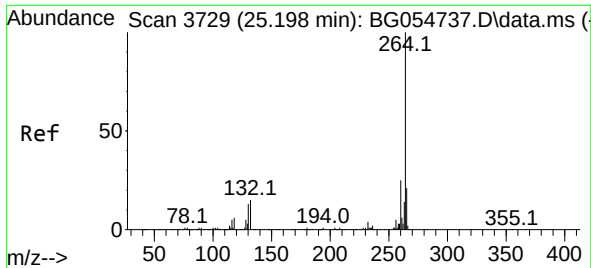
Ion Ratio Lower Upper

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# 31
Delta R.T. -0.006 min
Lab File: BG054839.D
Acq: 2 Sep 2022 14:08

Instrument :
BNA_G
ClientSampleId :
MW-23DL

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

