

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057839.D
 Acq On : 23 Jun 2023 12:41
 Operator : CG/JU
 Sample : 03291-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B

Quant Time: Jun 23 13:54:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

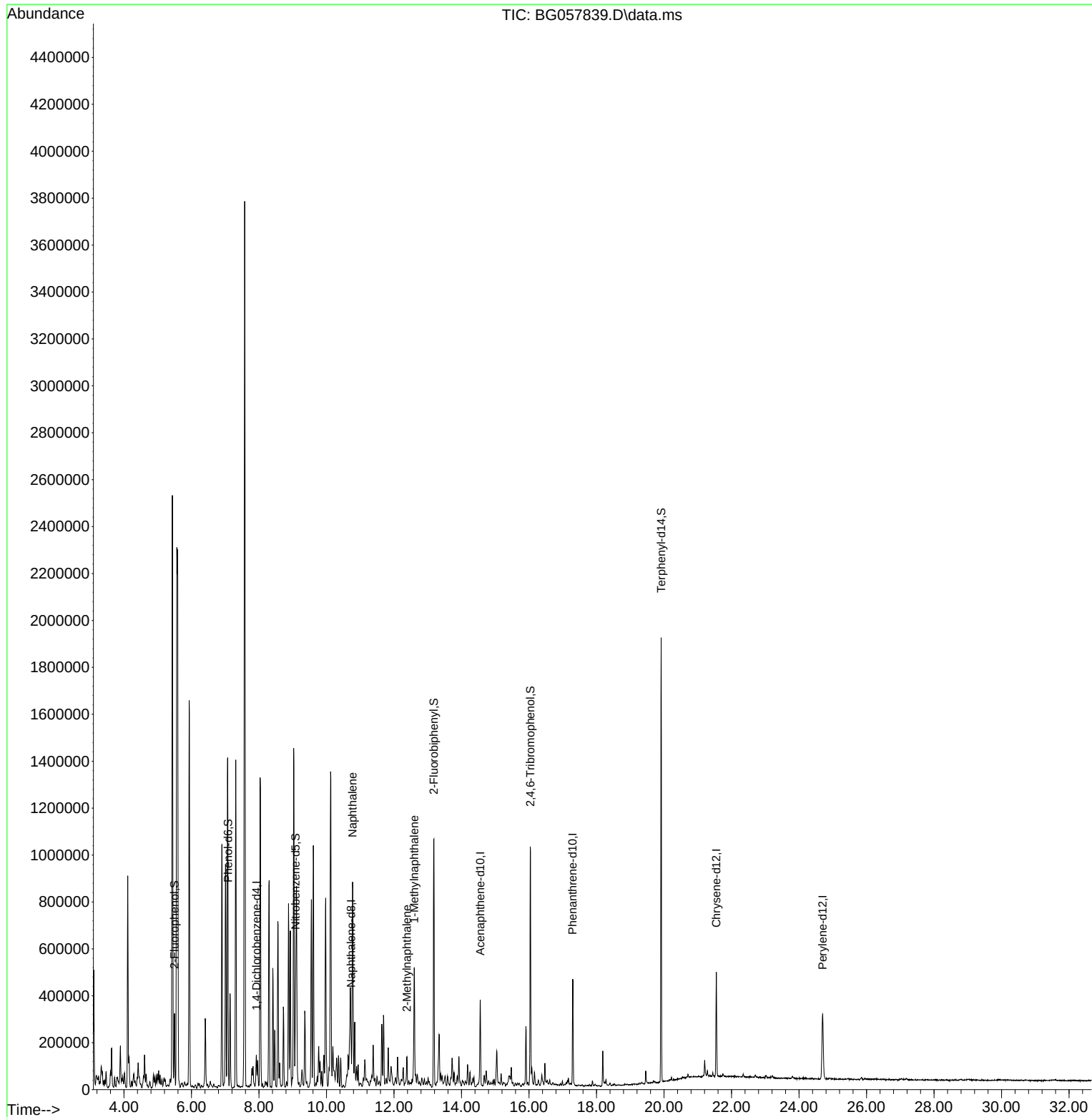
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	36491	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	157441	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	119930	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	283908	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	246387	20.000	ng	-0.01
86) Perylene-d12	24.698	264	306602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	115324	48.730	ng	0.00
7) Phenol-d6	7.083	99	93949	26.017	ng	0.00
23) Nitrobenzene-d5	9.087	82	245065	79.888	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	212769	127.360	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	576368	72.893	ng	0.00
79) Terphenyl-d14	19.915	244	985340	74.571	ng	0.00
Target Compounds						
31) Naphthalene	10.773	128	527085	62.903	ng	Qvalue # 97
37) 2-Methylnaphthalene	12.383	142	54795	8.971	ng	96
38) 1-Methylnaphthalene	12.600	142	216564	37.561	ng	99

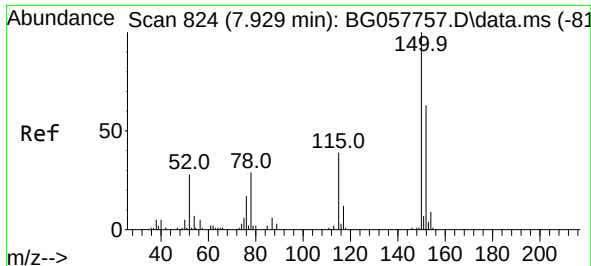
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
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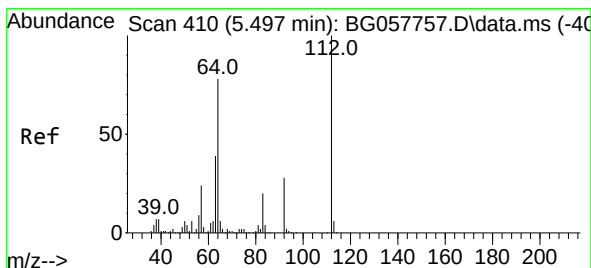
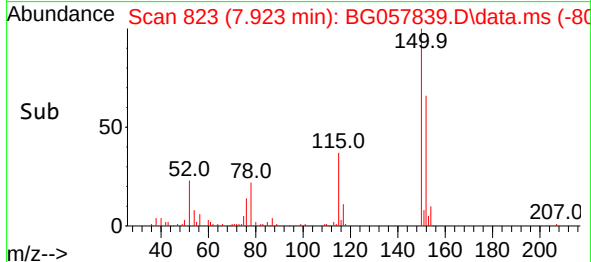
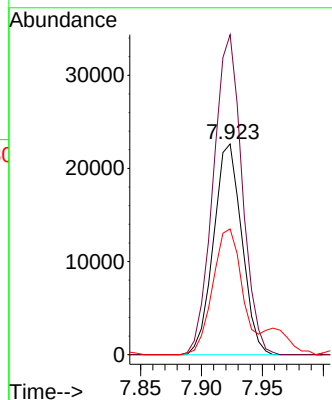
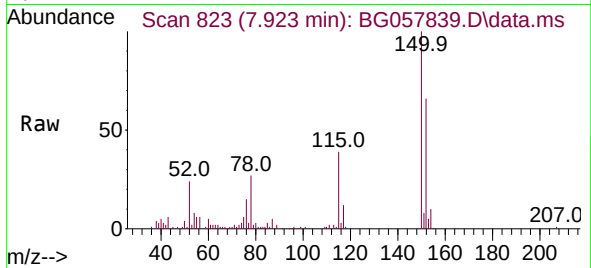




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

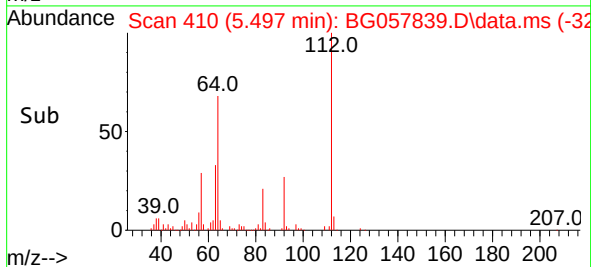
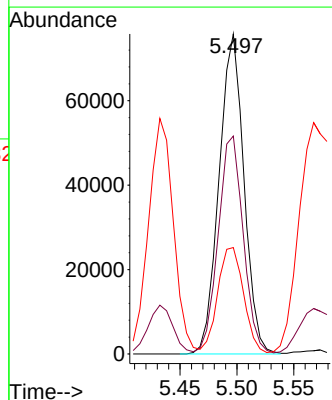
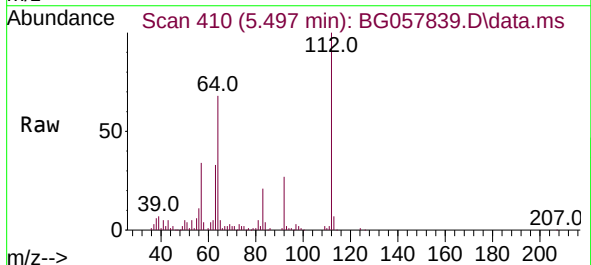
Instrument :
BNA_G
ClientSampleId :
MW-5B

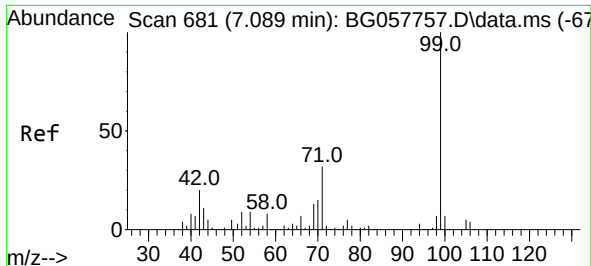
Tgt Ion:152 Resp: 36491
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 59.7 48.9 73.3



#5
2-Fluorophenol
Concen: 48.730 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:112 Resp: 115324
Ion Ratio Lower Upper
112 100
64 68.1 62.1 93.1
63 33.3 31.5 47.3

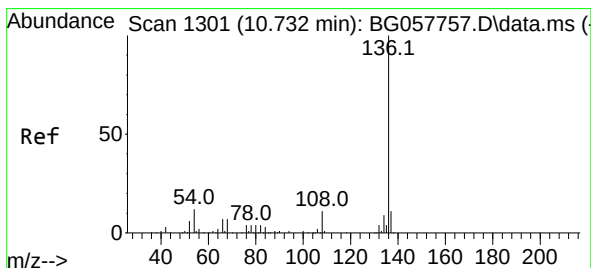
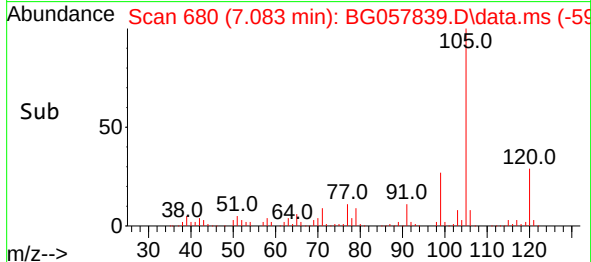
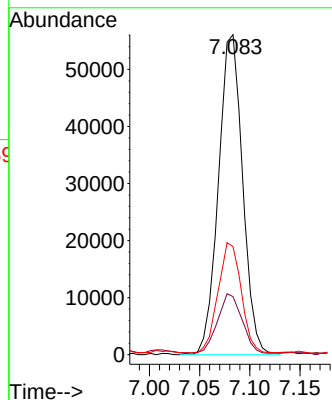
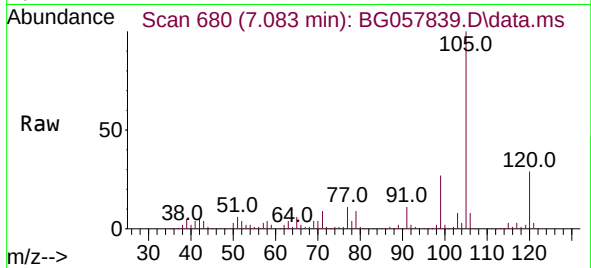




#7
Phenol-d6
Concen: 26.017 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

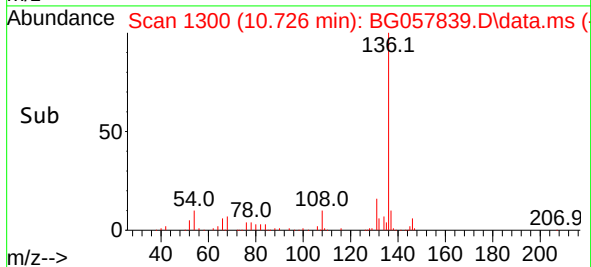
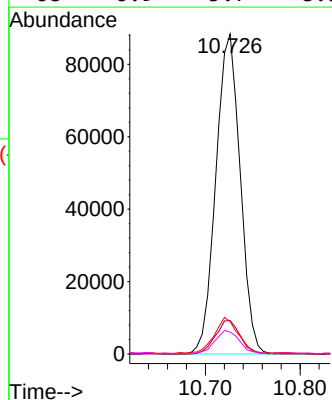
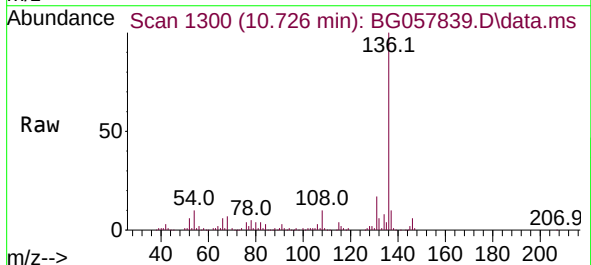
Instrument :
BNA_G
ClientSampleId :
MW-5B

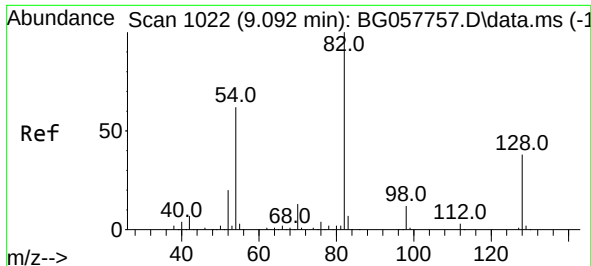
Tgt Ion: 99	Resp: 93949
Ion Ratio	Lower Upper
99 100	
42 18.2	16.4 24.6
71 33.8	25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:136	Resp: 157441
Ion Ratio	Lower Upper
136 100	
137 10.4	8.5 12.7
54 10.2	9.5 14.3
68 6.9	5.7 8.5

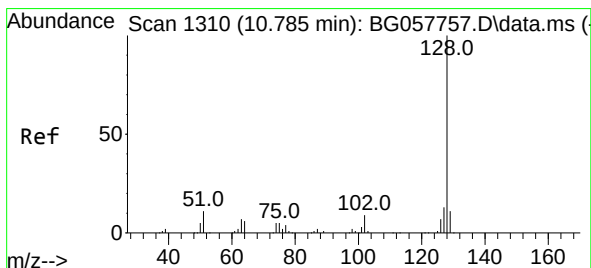
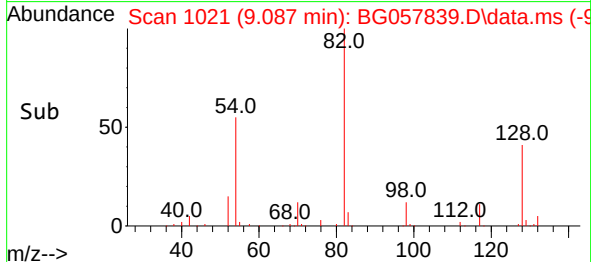
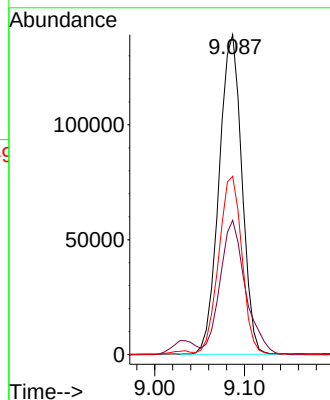
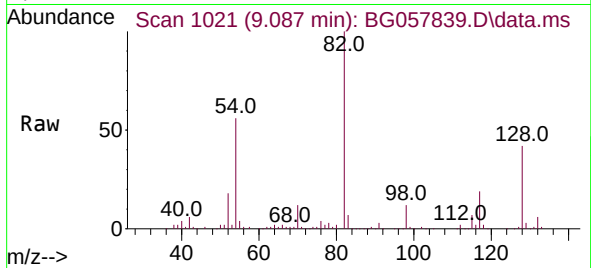




#23
Nitrobenzene-d5
Concen: 79.888 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

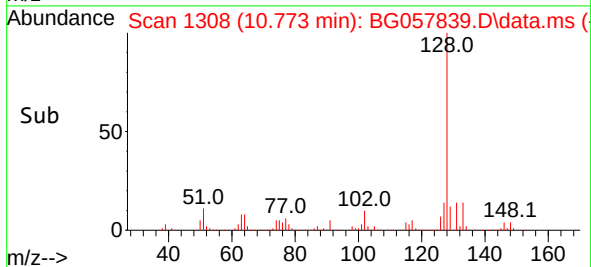
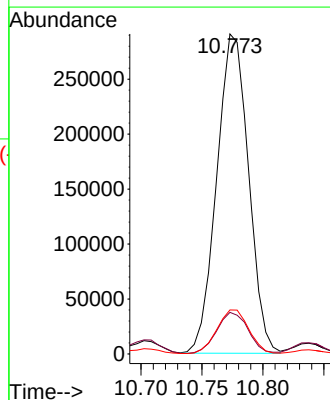
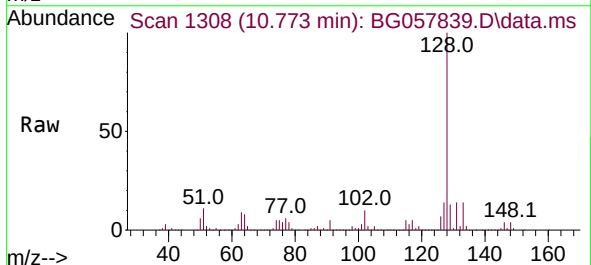
Instrument :
BNA_G
ClientSampleId :
MW-5B

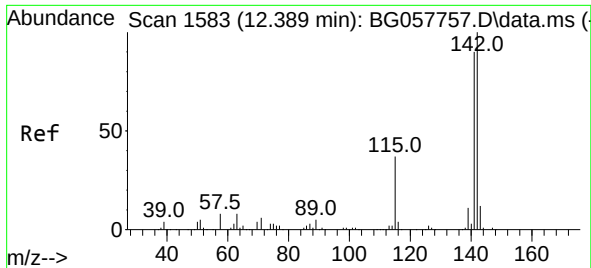
Tgt Ion: 82 Resp: 245065
Ion Ratio Lower Upper
82 100
128 42.0 30.7 46.1
54 55.8 49.6 74.4



#31
Naphthalene
Concen: 62.903 ng
RT: 10.773 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:128 Resp: 527085
Ion Ratio Lower Upper
128 100
129 13.0 8.5 12.7#
127 13.8 10.7 16.1

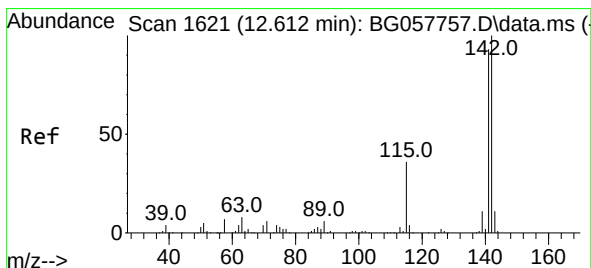
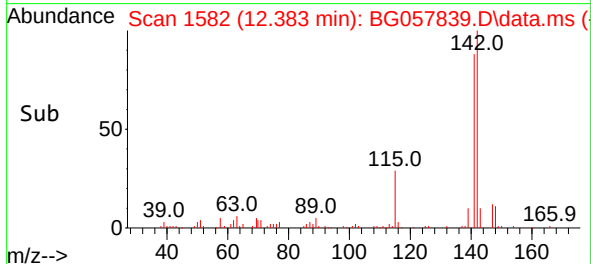
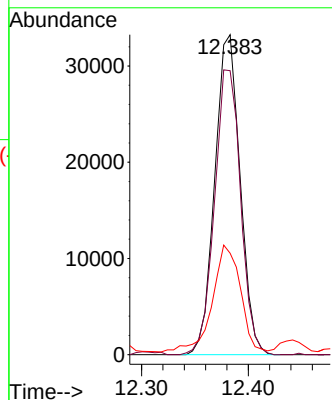
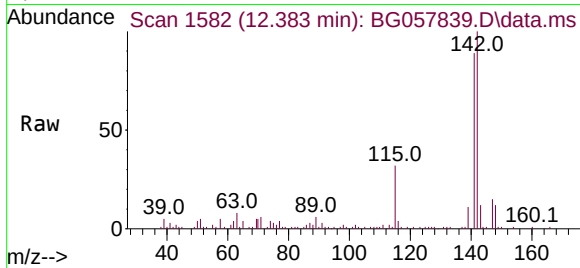




#37
2-Methylnaphthalene
Concen: 8.971 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

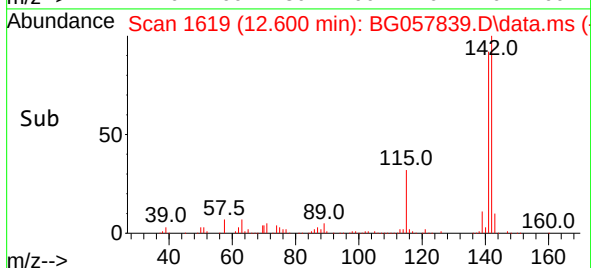
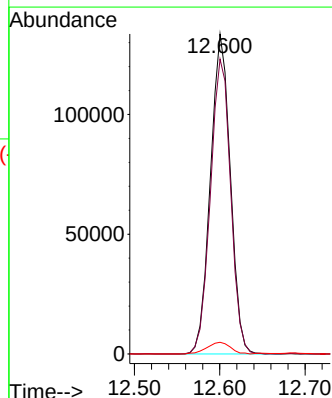
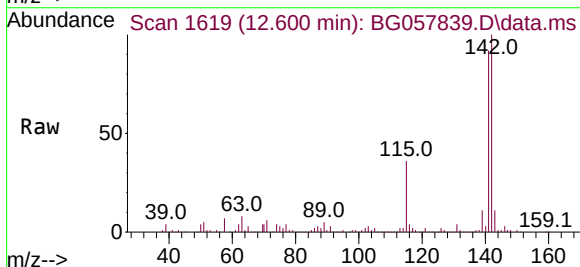
Instrument :
BNA_G
ClientSampleId :
MW-5B

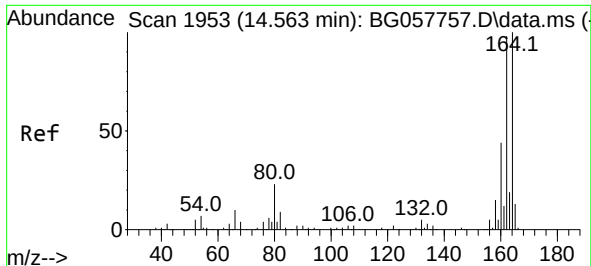
Tgt Ion:142 Resp: 54795
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
115 31.7 29.7 44.5



#38
1-Methylnaphthalene
Concen: 37.561 ng
RT: 12.600 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:142 Resp: 216564
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4
116 3.7 3.1 4.7

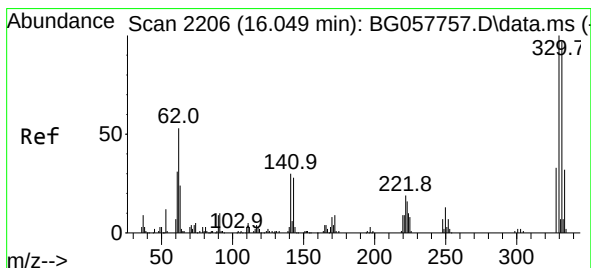
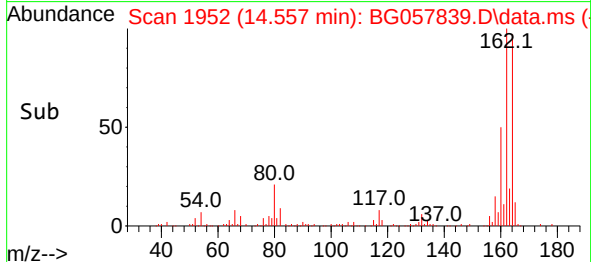
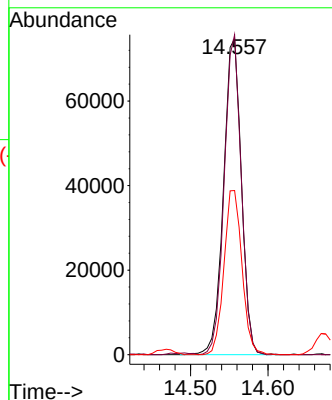
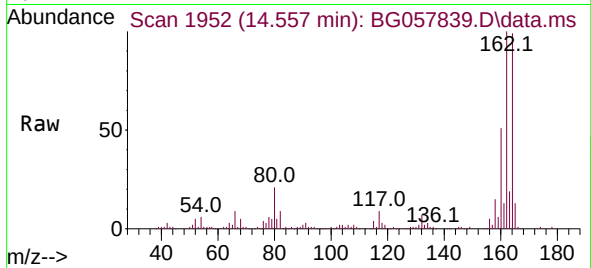




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

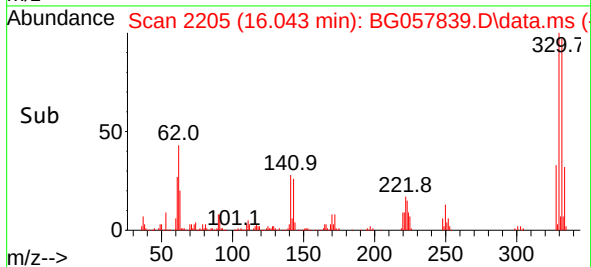
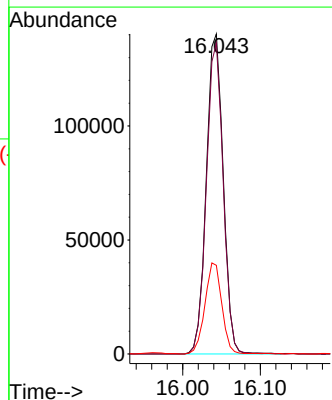
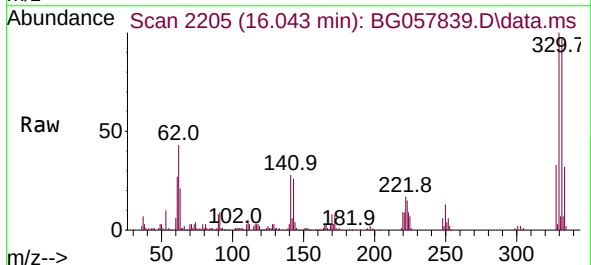
Instrument :
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ClientSampleId :
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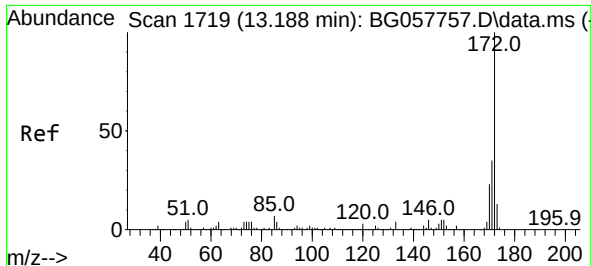
Tgt Ion:164 Resp: 119930
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 52.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 127.360 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:330 Resp: 212769
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 28.4 24.7 37.1

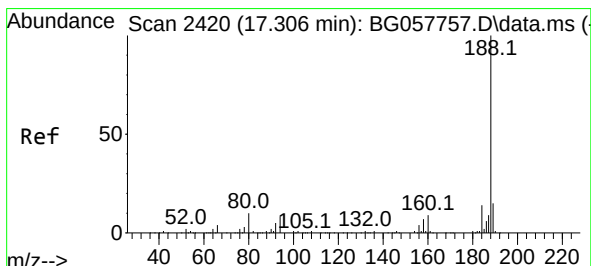
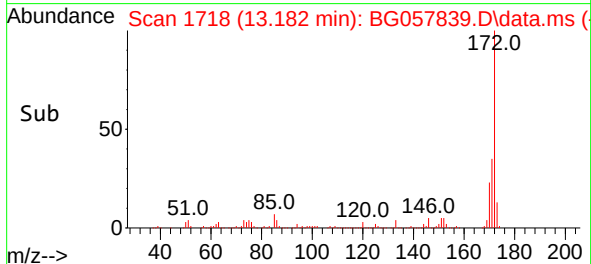
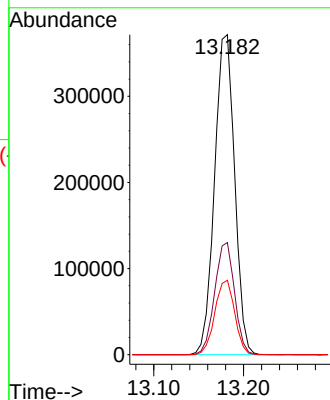
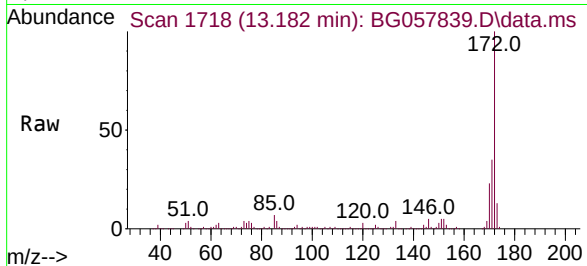




#45
2-Fluorobiphenyl
Concen: 72.893 ng
RT: 13.182 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

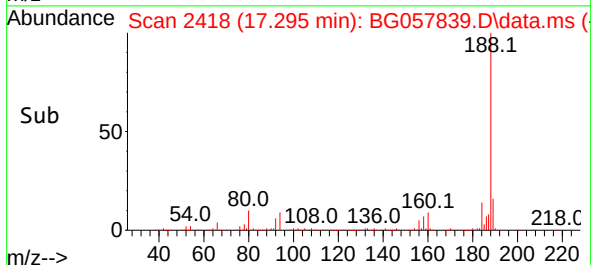
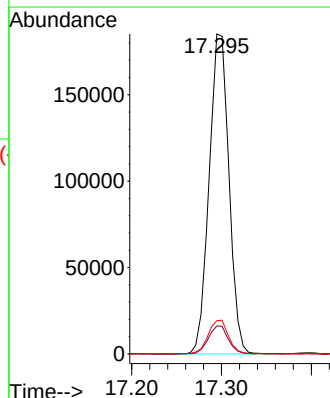
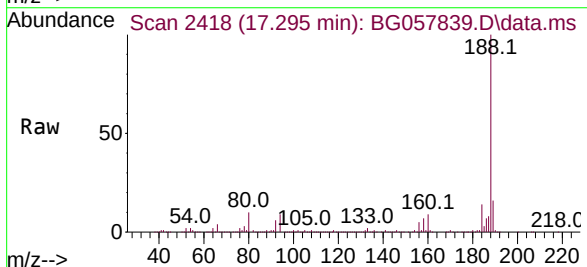
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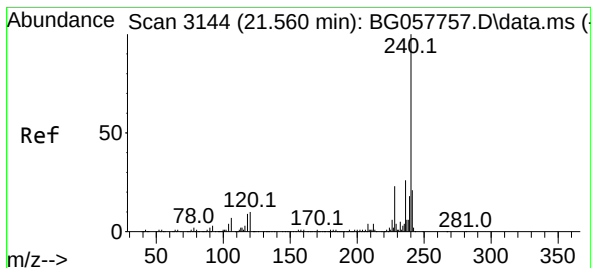
Tgt Ion:172 Resp: 576368
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BG057839.D
Acq: 23 Jun 2023 12:41

Tgt Ion:188 Resp: 283908
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 10.4 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.549 min Scan# 3144

Delta R.T. -0.012 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

Instrument :

BNA_G

ClientSampleId :

MW-5B

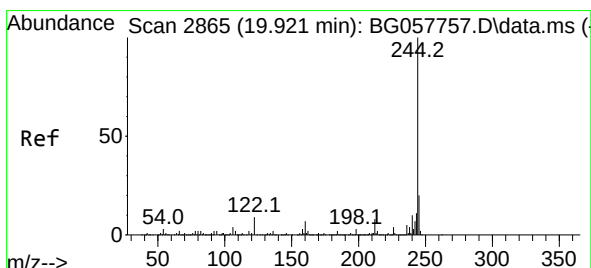
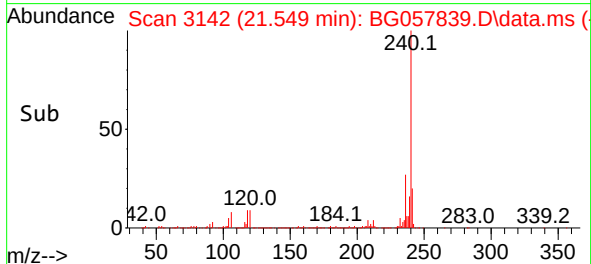
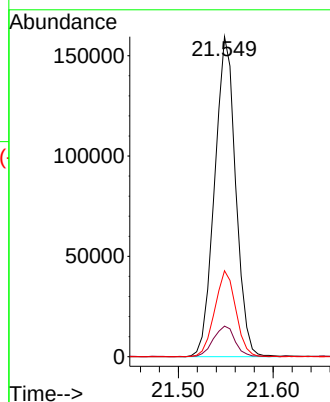
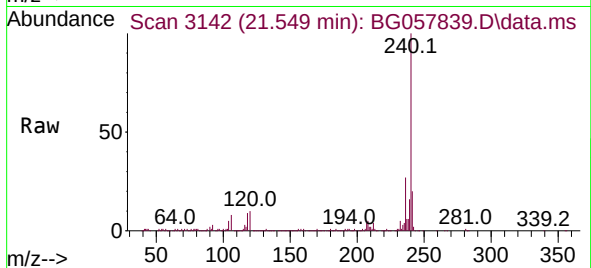
Tgt Ion:240 Resp: 246387

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

236 26.9 20.6 30.8



#79

Terphenyl-d14

Concen: 74.571 ng

RT: 19.915 min Scan# 2864

Delta R.T. -0.006 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

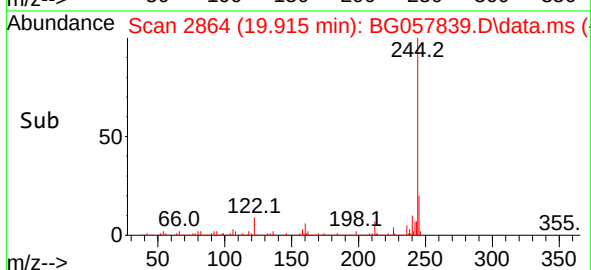
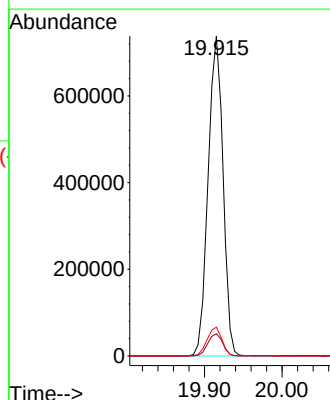
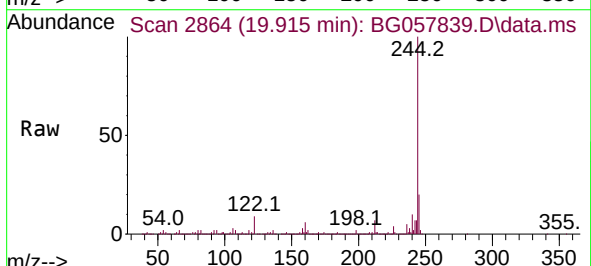
Tgt Ion:244 Resp: 985340

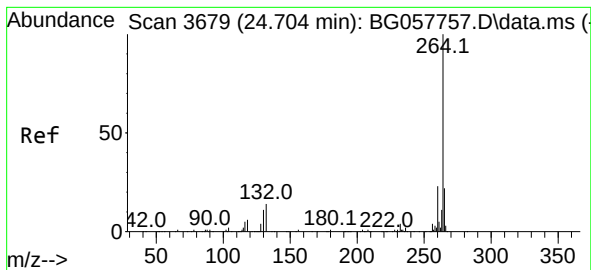
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG057839.D

Acq: 23 Jun 2023 12:41

Instrument :

BNA_G

ClientSampleId :

MW-5B

Tgt Ion:264 Resp: 306602

Ion Ratio Lower Upper

264 100

260 22.1 18.5 27.7

265 21.1 17.4 26.2

