

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053672.D
 Acq On : 23 May 2022 20:08
 Operator : CG/JU
 Sample : N2968-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-38

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 05:10:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	29645	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	121767	20.000	ng	0.00
39) Acenaphthene-d10	14.690	164	93993	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	214611	20.000	ng	0.00
76) Chrysene-d12	21.710	240	210987	20.000	ng	0.00
86) Perylene-d12	24.976	264	212581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	116829	66.883	ng	0.00
7) Phenol-d6	7.230	99	117567	44.348	ng	0.00
23) Nitrobenzene-d5	9.227	82	275836	96.429	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	214716	154.886	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	640109	99.516	ng	0.00
79) Terphenyl-d14	20.042	244	1044746	92.224	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.516	107	3982	2.272	ng	# 87
27) 2,4-Dimethylphenol	10.049	122	8194m	4.856	ng	
31) Naphthalene	10.925	128	864545	139.578	ng	100
37) 2-Methylnaphthalene	12.522	142	332443	71.920	ng	98
38) 1-Methylnaphthalene	12.740	142	247904m	54.968	ng	
46) 1,1'-Biphenyl	13.521	154	27317	4.264	ng	94
52) Acenaphthene	14.749	154	12638	2.647	ng	97
58) Fluorene	15.730	166	18399	2.674	ng	97
71) Phenanthrene	17.474	178	25337	2.322	ng	99

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

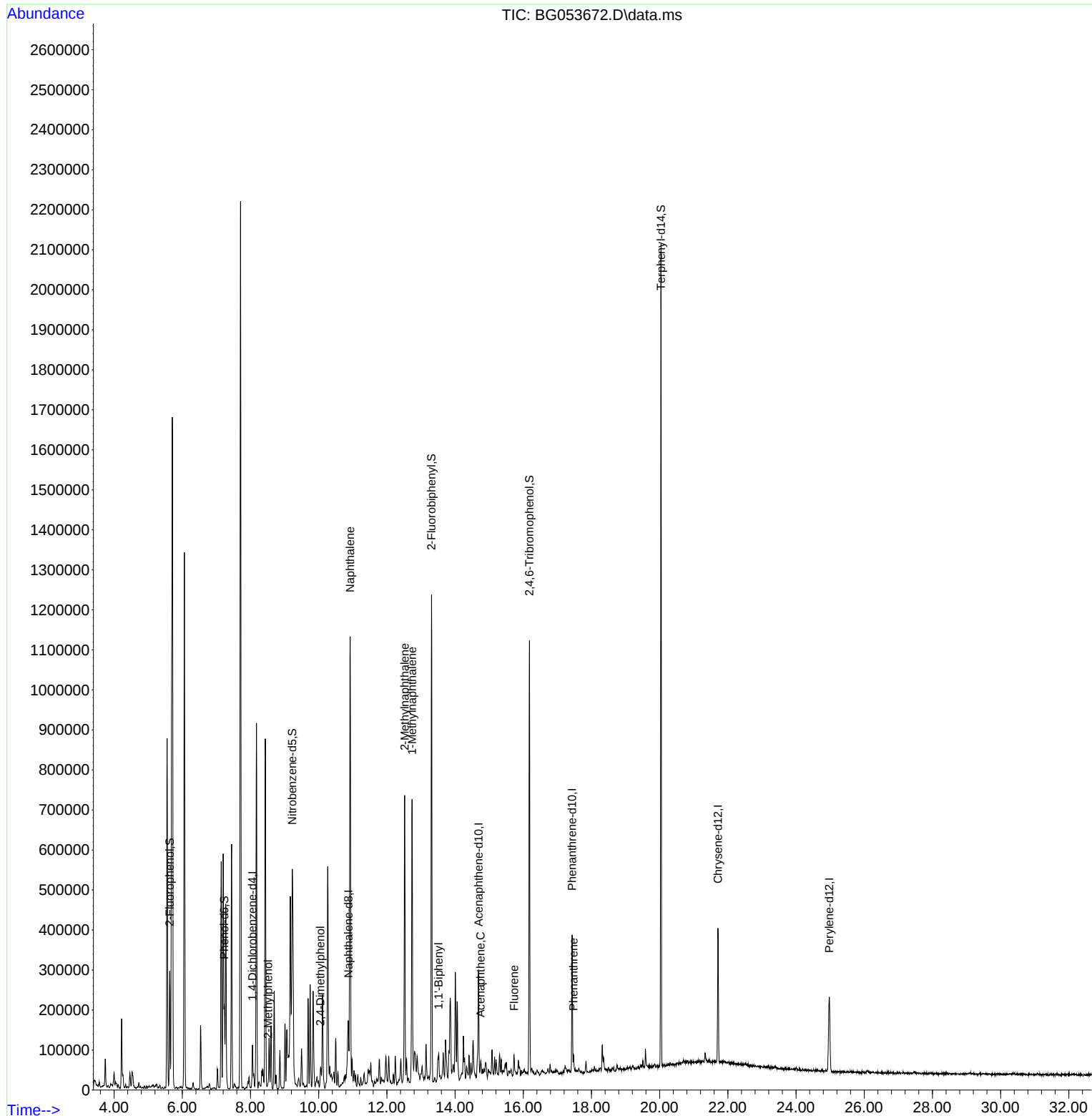
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

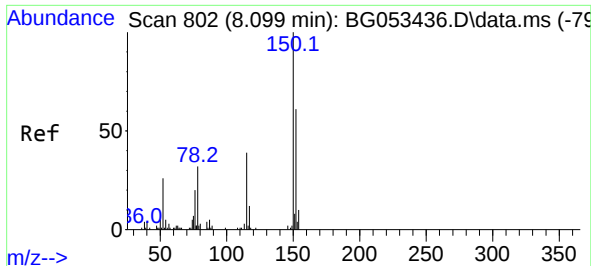
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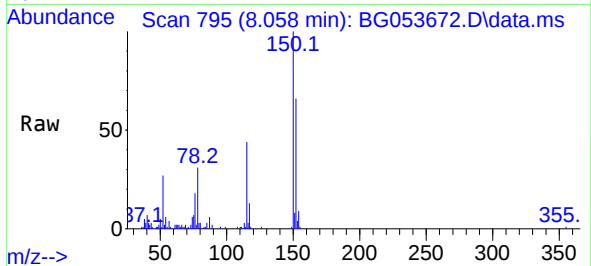
Quant Time: May 24 05:10:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

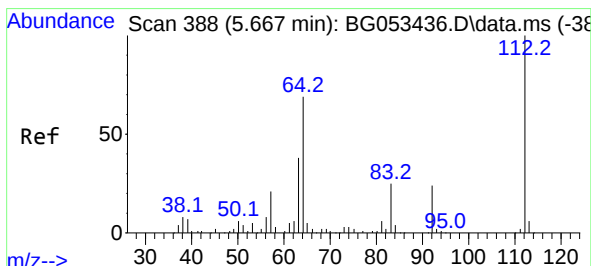
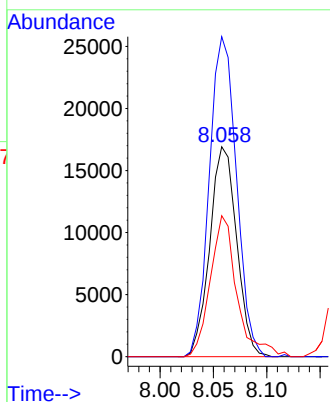
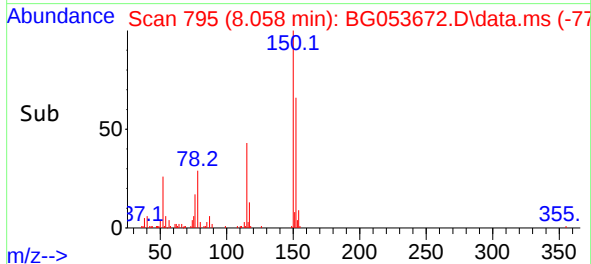
Instrument :
BNA_G
ClientSampleId :
MW-38



Tgt Ion:152 Resp: 2964
Ion Ratio Lower Upper
152 100
150 152.4 131.6 197.4
115 67.1 50.9 76.3

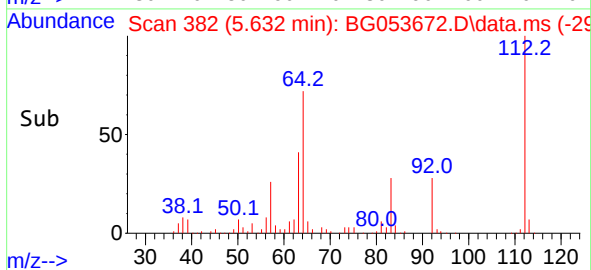
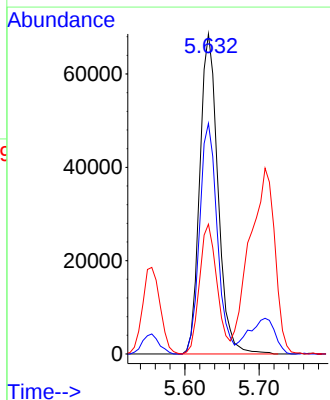
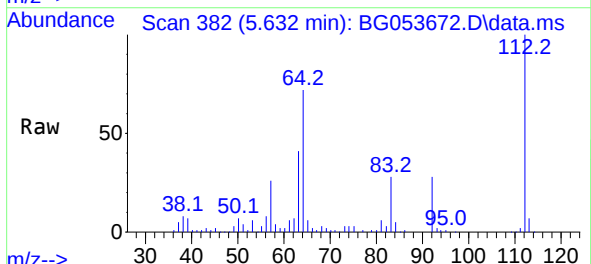
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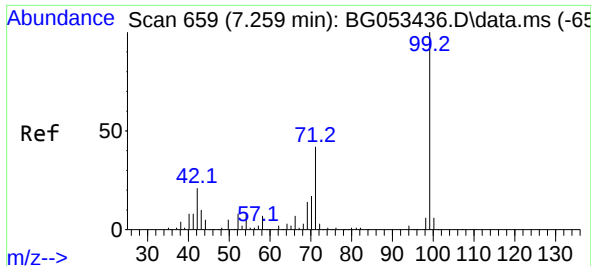
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#5
2-Fluorophenol
Concen: 66.883 ng
RT: 5.632 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

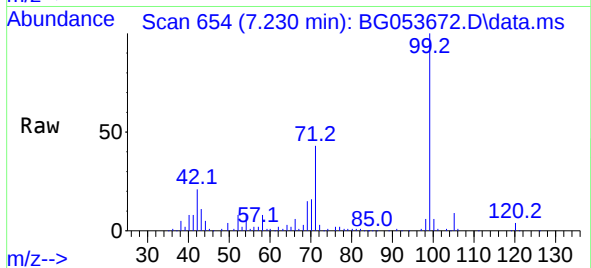
Tgt Ion:112 Resp: 116829
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 40.5 30.4 45.6





#7
Phenol-d6
Concen: 44.348 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

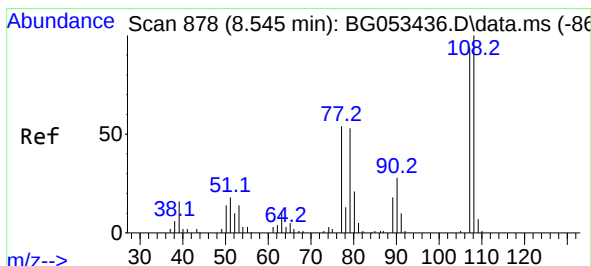
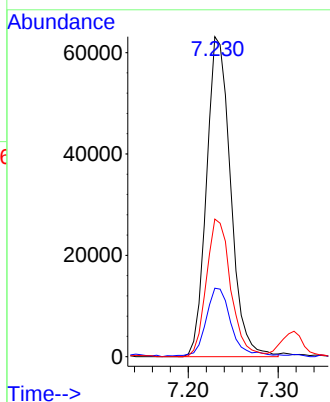
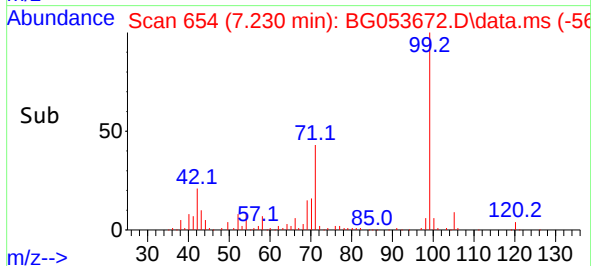
Instrument :
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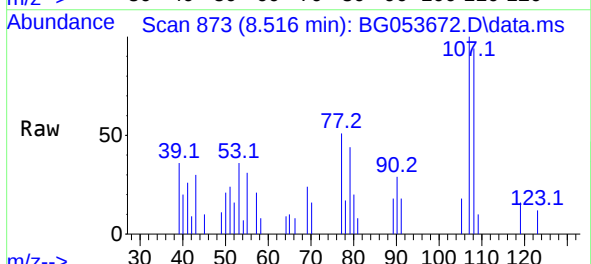
Tgt Ion: 99 Resp: 11756
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 43.0 33.8 50.8

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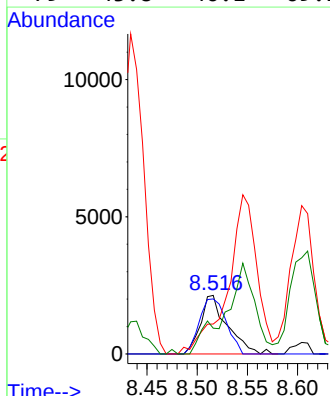
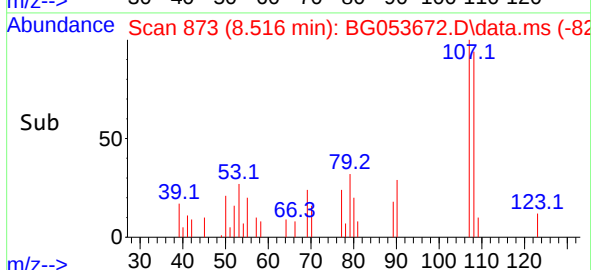
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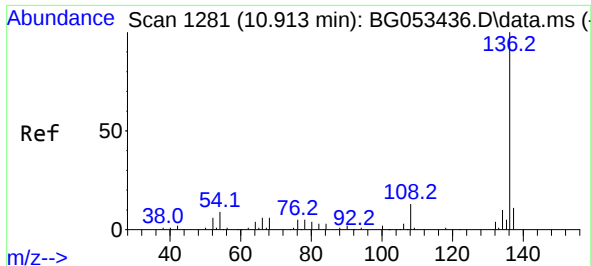


#17
2-Methylphenol
Concen: 2.272 ng
RT: 8.516 min Scan# 873
Delta R.T. 0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



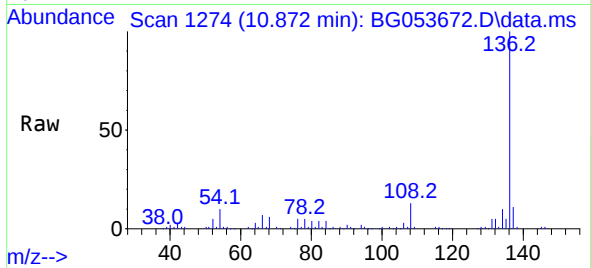
Tgt Ion:107 Resp: 3982
Ion Ratio Lower Upper
107 100
108 93.8 85.4 128.0
77 51.1 46.2 69.2
79 43.8 46.1 69.1#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

Instrument :
BNA_G
ClientSampleId :
MW-38

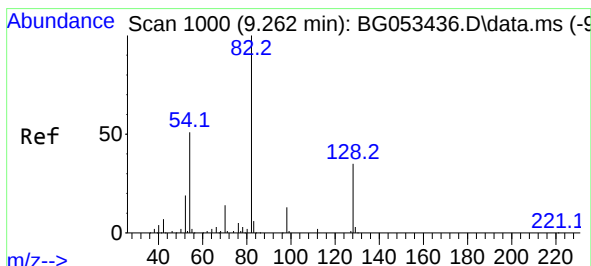
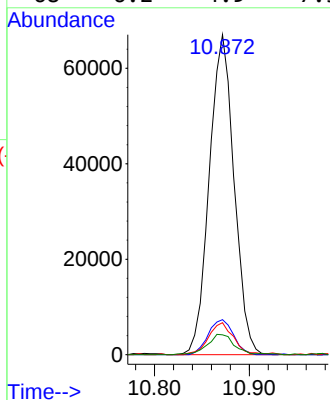
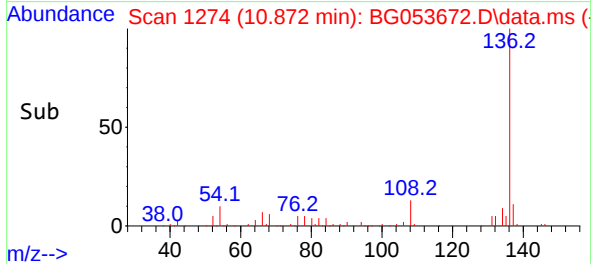


Tgt Ion: 136 Resp: 12176

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.0	7.4	11.2
68	6.2	4.9	7.3

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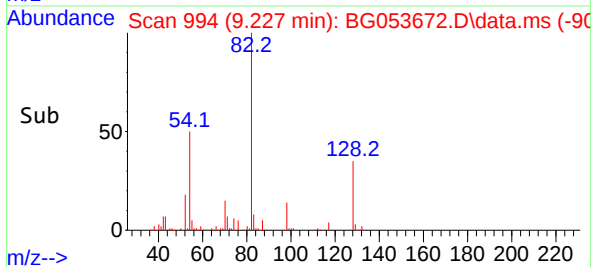
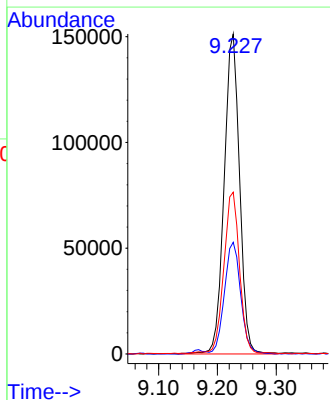
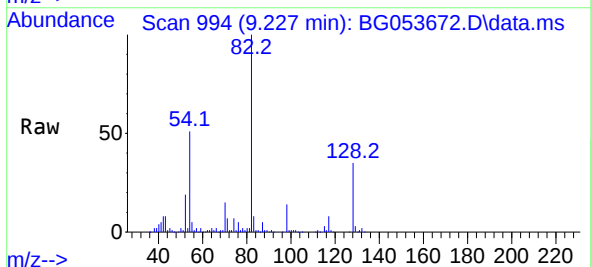
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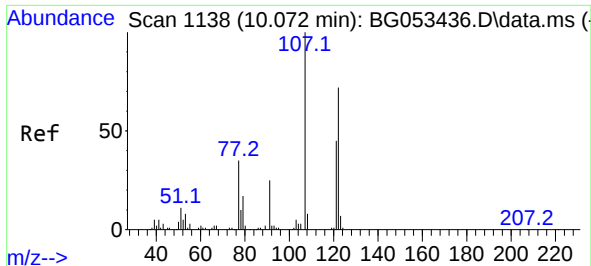


#23
Nitrobenzene-d5
Concen: 96.429 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

Tgt Ion: 82 Resp: 275836

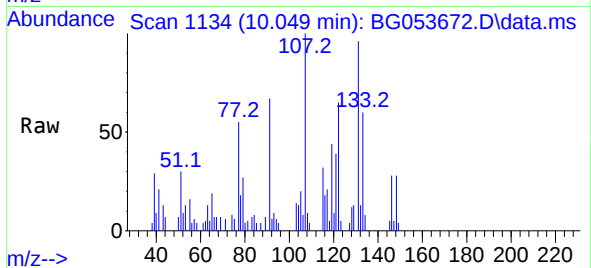
Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.9	41.9
54	50.5	41.2	61.8





#27
2,4-Dimethylphenol
Concen: 4.856 ng m
RT: 10.049 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

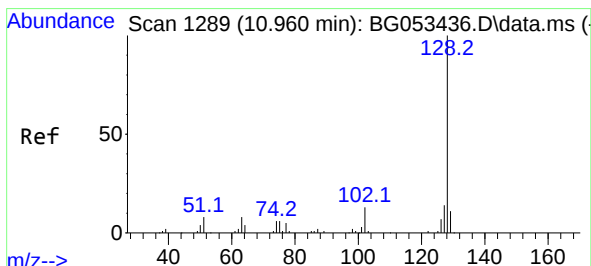
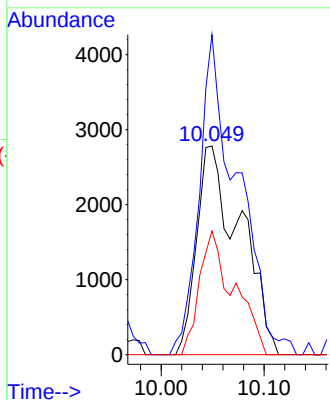
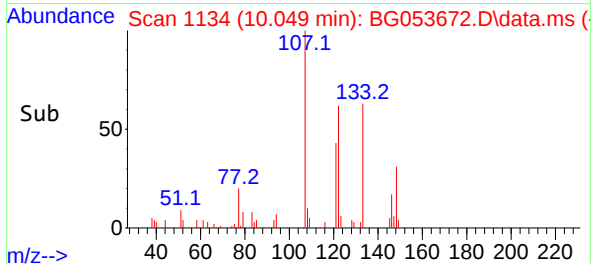
Instrument :
BNA_G
ClientSampleId :
MW-38



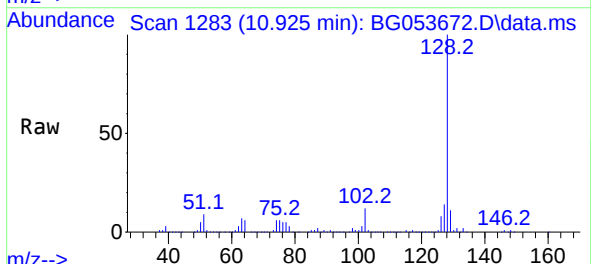
Tgt Ion:122 Resp: 8194
Ion Ratio Lower Upper
122 100
107 153.3 109.4 164.0
121 59.3 48.7 73.1

Manual Integrations
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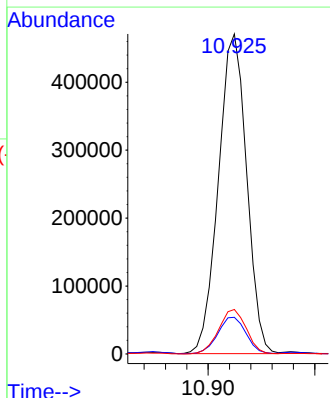
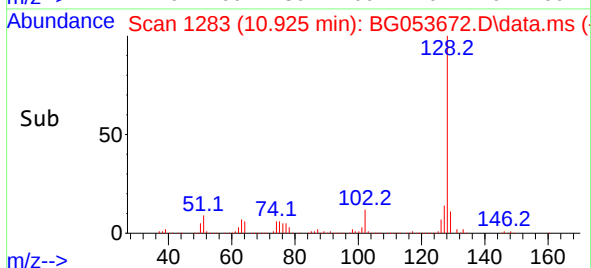
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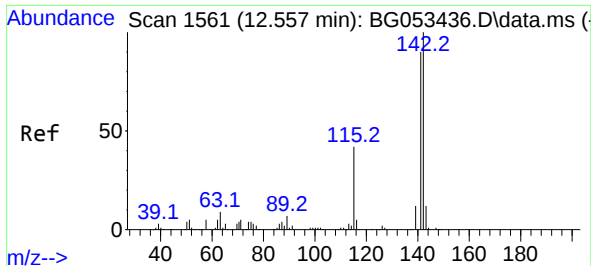


#31
Naphthalene
Concen: 139.578 ng
RT: 10.925 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



Tgt Ion:128 Resp: 864545
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.9 11.1 16.7





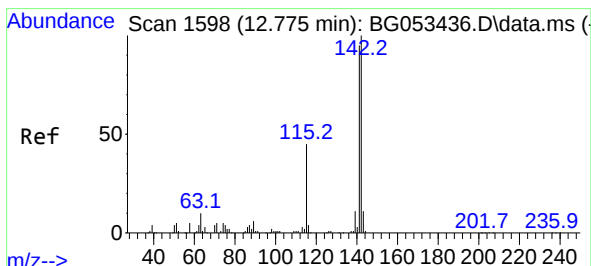
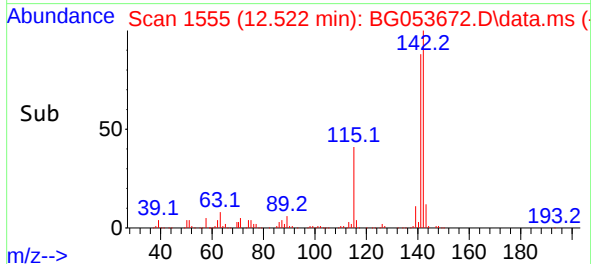
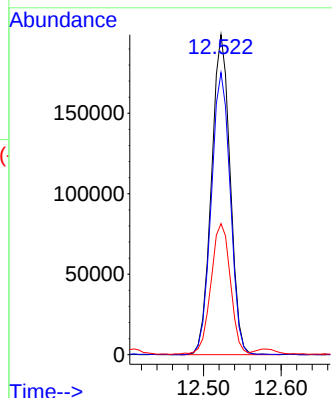
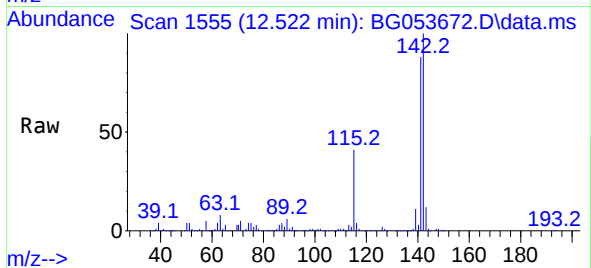
#37
2-Methylnaphthalene
Concen: 71.920 ng
RT: 12.522 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

Instrument :
BNA_G
ClientSampleId :
MW-38

Tgt Ion:142 Resp: 33244
Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5
115 40.9 33.7 50.5

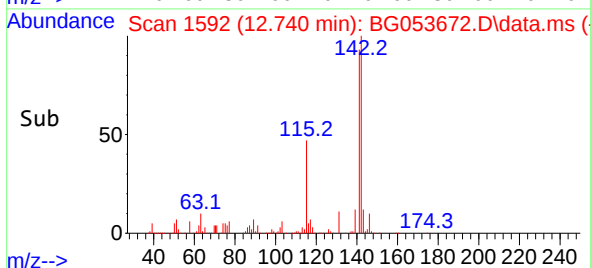
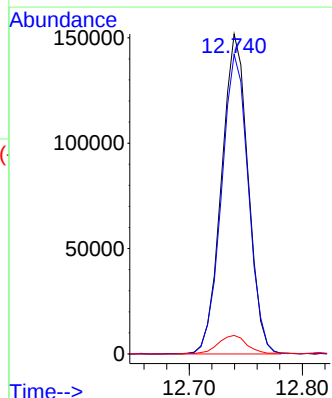
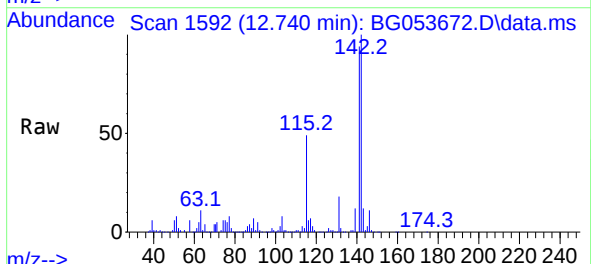
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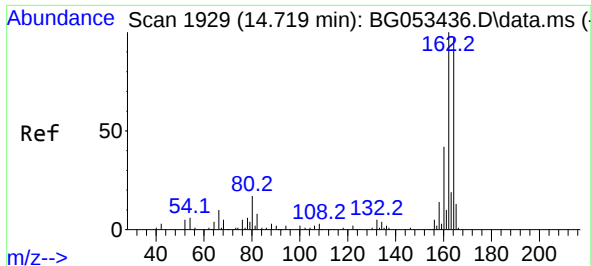
Reviewed By :Christian Giraldo 05/24/2022
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#38
1-Methylnaphthalene
Concen: 54.968 ng m
RT: 12.740 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

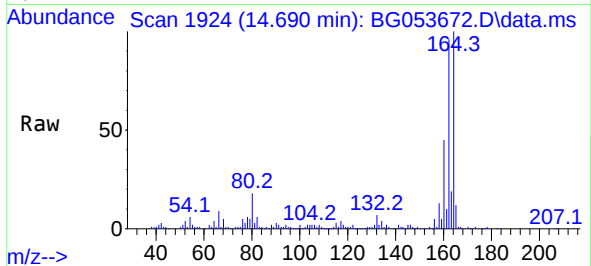
Tgt Ion:142 Resp: 247904
Ion Ratio Lower Upper
142 100
141 93.6 76.4 114.6
116 5.8 3.3 4.9#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

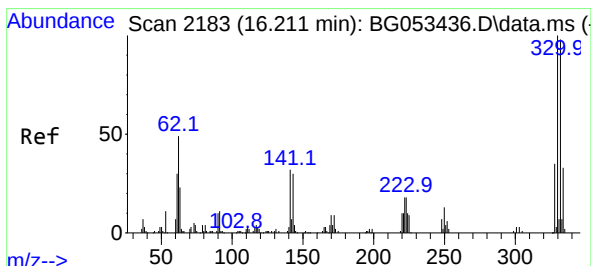
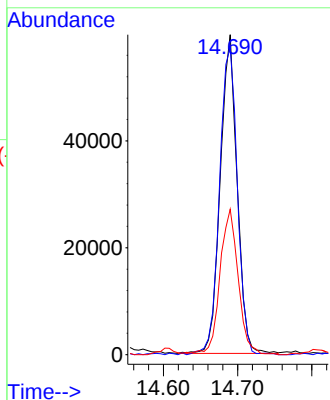
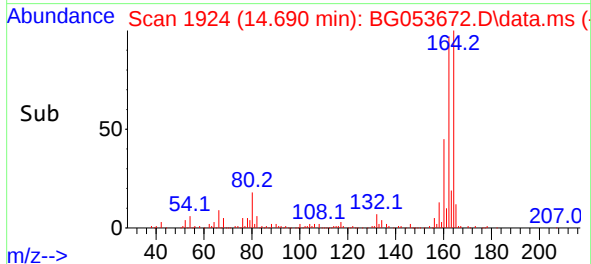
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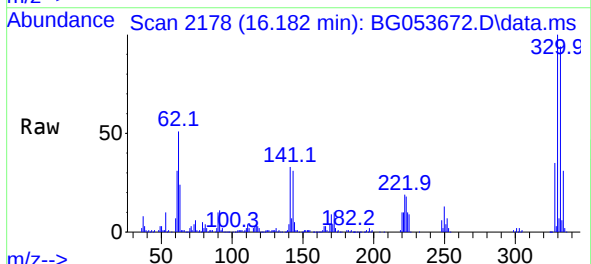
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Ion Ratio Lower Upper
164 100
162 96.0 82.3 123.5
160 45.4 34.2 51.2

Manual Integrations
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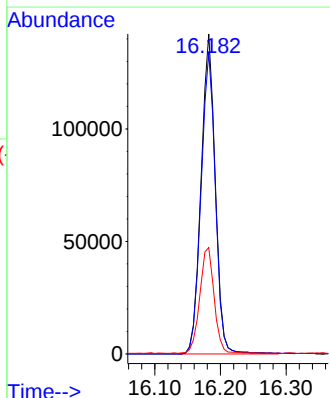
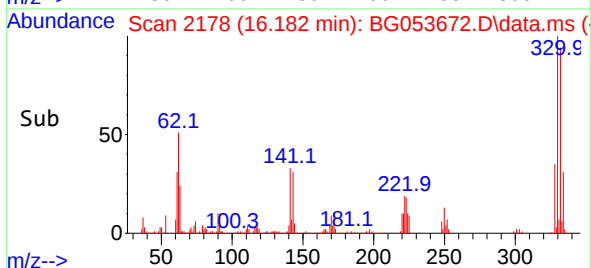
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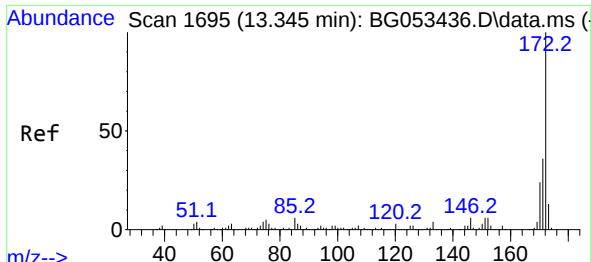


#42
2,4,6-Tribromophenol
Concen: 154.886 ng
RT: 16.182 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



Tgt Ion:330 Resp: 214716
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 33.7 27.1 40.7





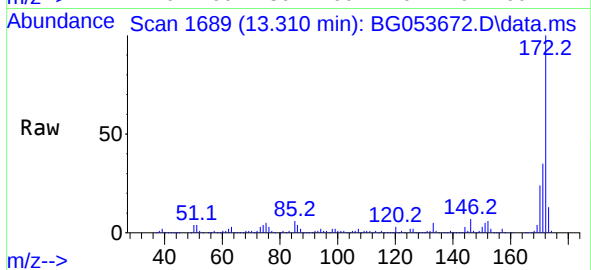
#45
2-Fluorobiphenyl
Concen: 99.516 ng
RT: 13.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

Instrument :

BNA_G

ClientSampleId :

MW-38

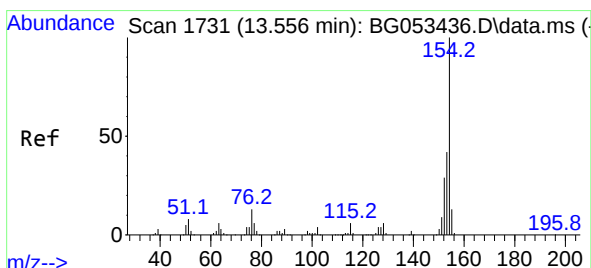
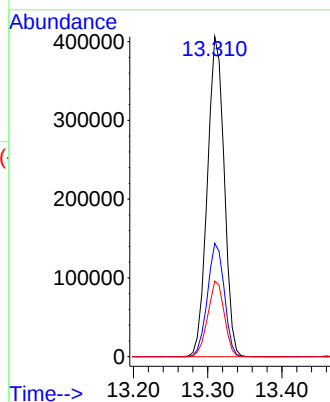
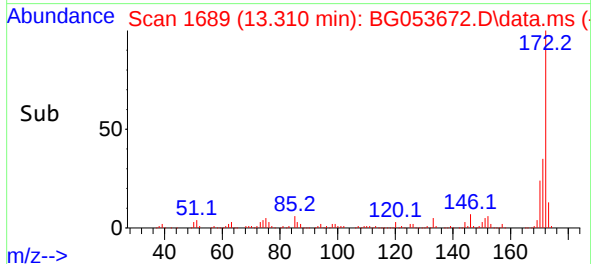


Tgt Ion:172 Resp: 640109
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 18.9 28.3

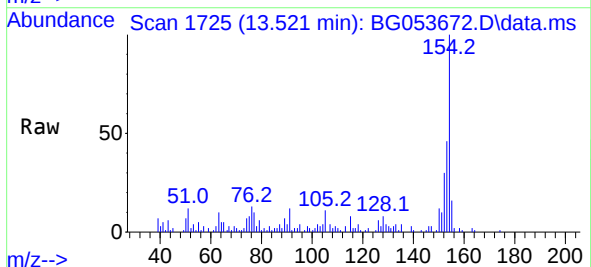
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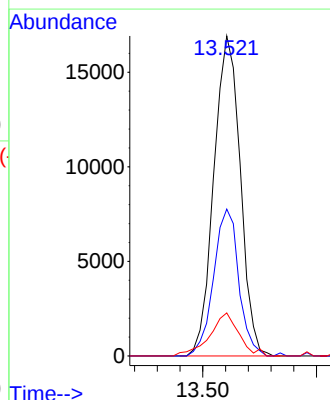
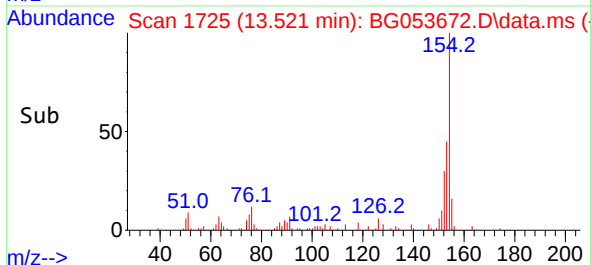
Reviewed By :Christian Giraldo 05/24/2022
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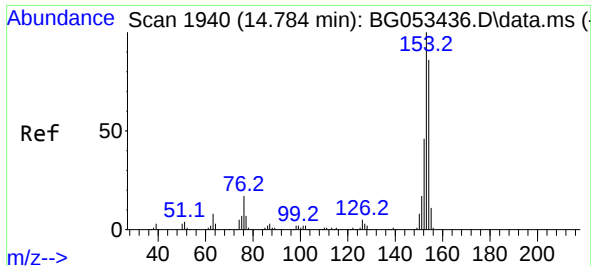


#46
1,1'-Biphenyl
Concen: 4.264 ng
RT: 13.521 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



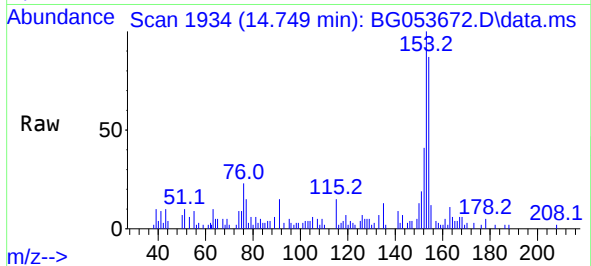
Tgt Ion:154 Resp: 27317
Ion Ratio Lower Upper
154 100
153 45.9 21.6 61.6
76 13.4 0.0 32.6





#52
Acenaphthene
Concen: 2.647 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

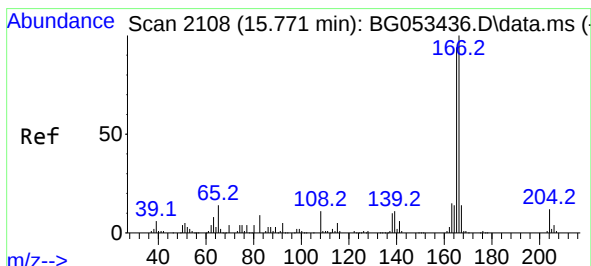
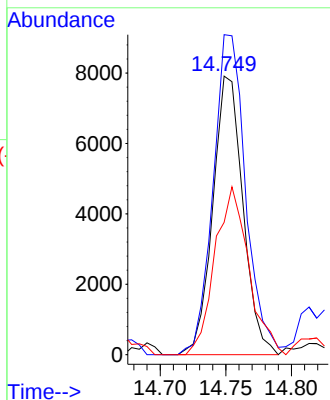
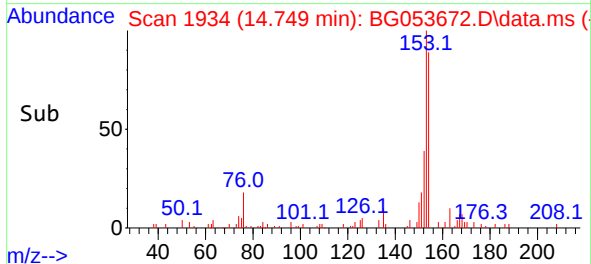
Instrument :
BNA_G
ClientSampleId :
MW-38



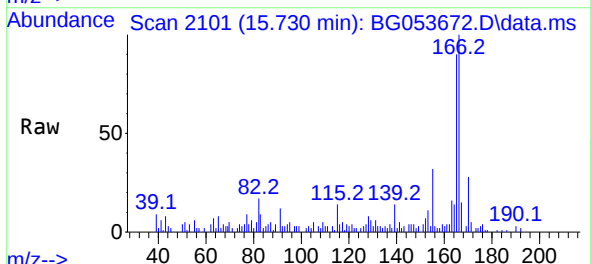
Tgt Ion:154 Resp: 12638
Ion Ratio Lower Upper
154 100
153 114.9 92.7 139.1
152 47.5 42.6 64.0

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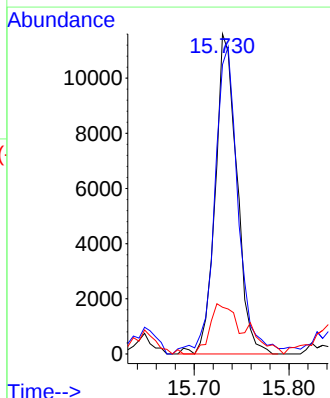
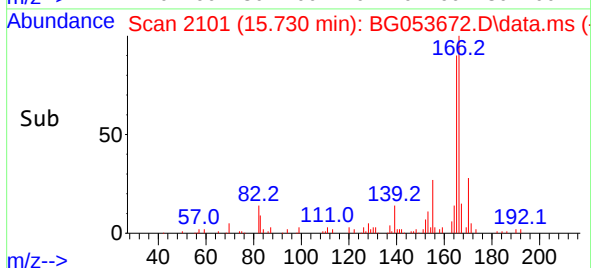
Reviewed By :Christian Giraldo 05/24/2022
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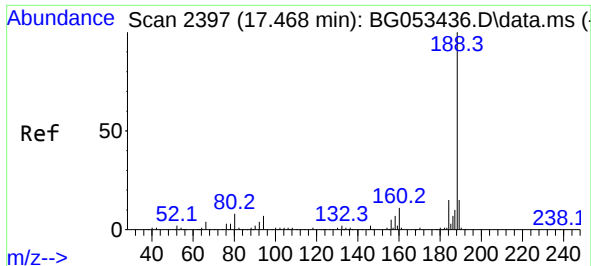


#58
Fluorene
Concen: 2.674 ng
RT: 15.730 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



Tgt Ion:166 Resp: 18399
Ion Ratio Lower Upper
166 100
165 90.4 75.0 112.6
167 14.6 10.8 16.2





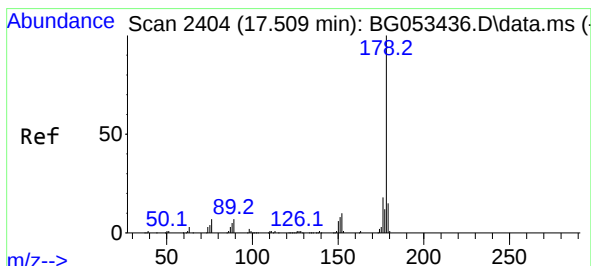
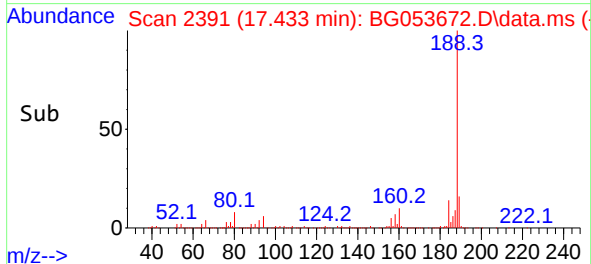
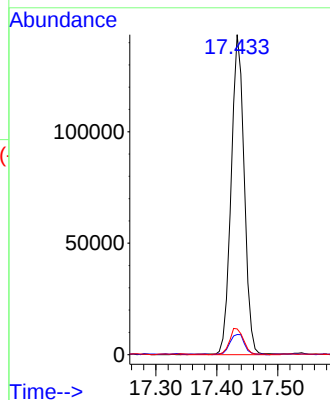
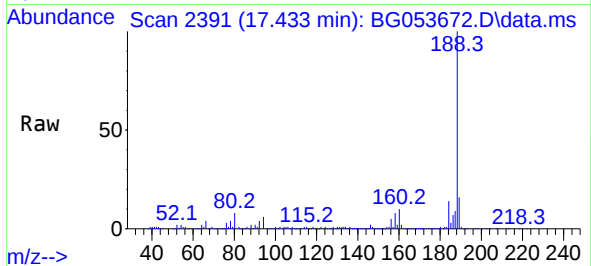
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 21461
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

Instrument :
BNA_G
ClientSampleId :
MW-38

Tgt Ion:188 Resp: 21461
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.1 6.8 10.2

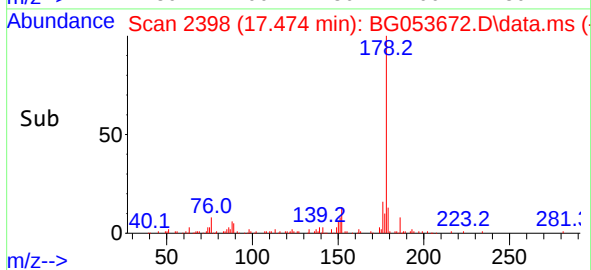
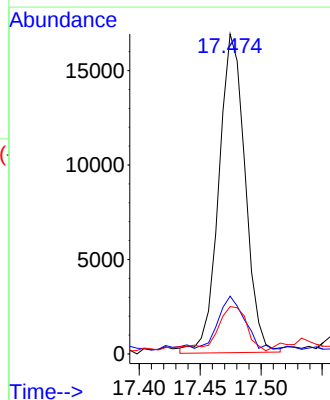
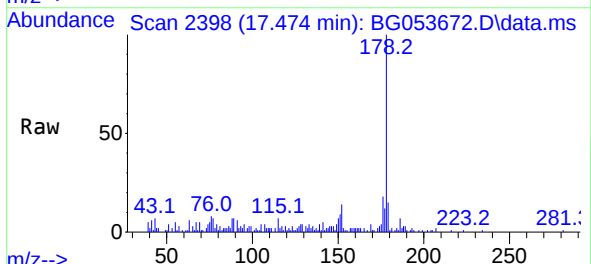
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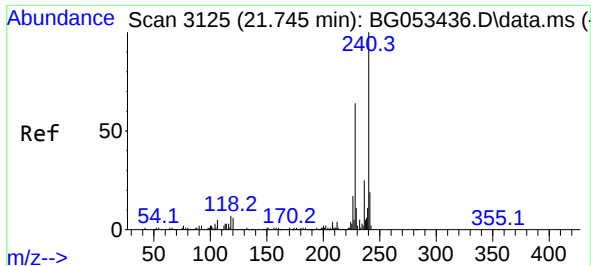
Reviewed By :Christian Giraldo 05/24/2022
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#71
Phenanthrene
Concen: 2.322 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

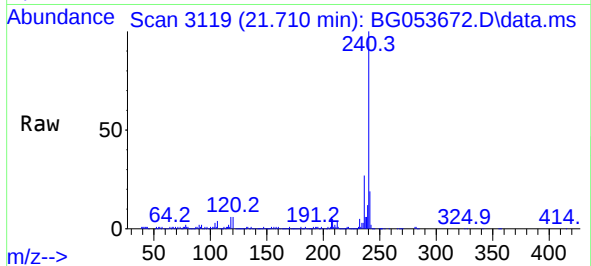
Tgt Ion:178 Resp: 25337
Ion Ratio Lower Upper
178 100
176 18.0 14.1 21.1
179 14.8 12.1 18.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08

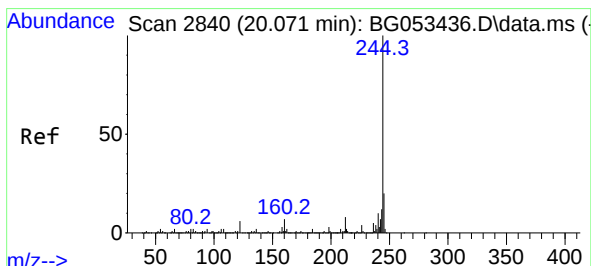
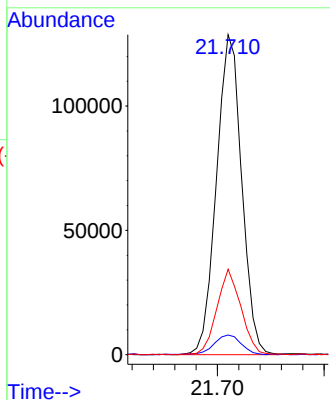
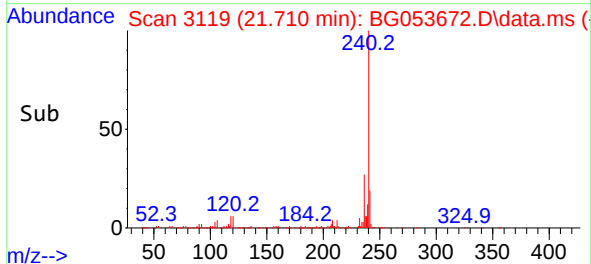
Instrument :
BNA_G
ClientSampleId :
MW-38



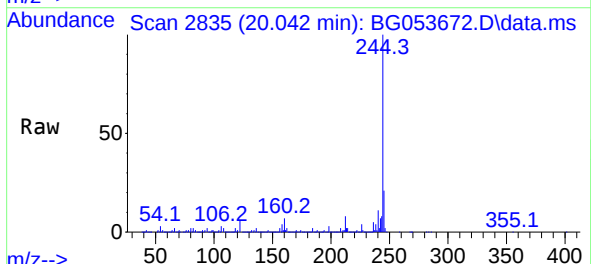
Tgt Ion:240 Resp: 21098
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 26.7 20.2 30.4

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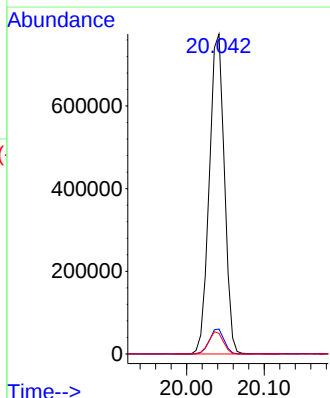
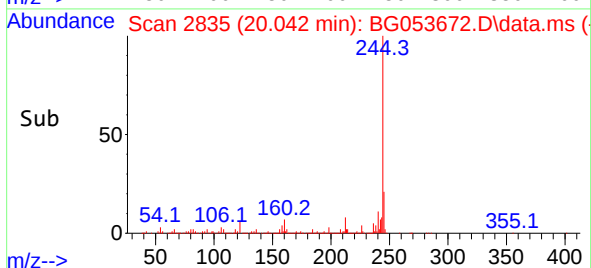
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

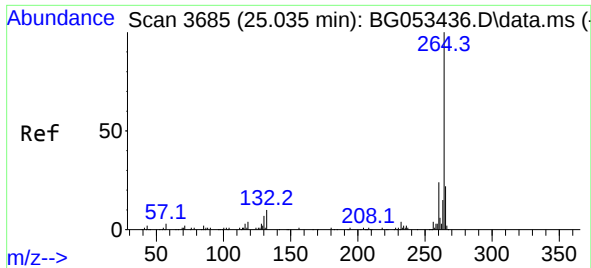


#79
Terphenyl-d14
Concen: 92.224 ng
RT: 20.042 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BG053672.D
Acq: 23 May 2022 20:08



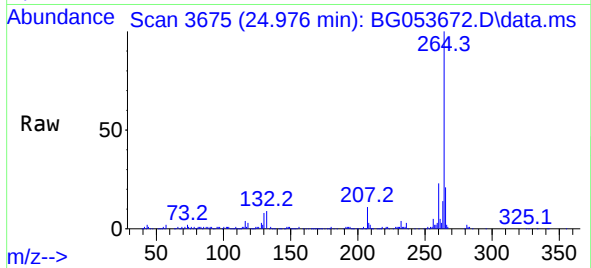
Tgt Ion:244 Resp: 1044746
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.976 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG053672.D
 Acq: 23 May 2022 20:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-38



Tgt Ion:264 Resp: 21258
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 20.7 17.4 26.2

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 Supervised By :Jagrut Upadhyay 05/24/2022

