

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053752.D
 Acq On : 28 May 2022 15:51
 Operator : CG/JU
 Sample : N3056-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 29 02:19:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	38025	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	139157	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	99798	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	222304	20.000	ng	# 0.00
76) Chrysene-d12	21.600	240	251691	20.000	ng	# 0.00
86) Perylene-d12	24.778	264	214973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	157221	70.171	ng	0.00
7) Phenol-d6	7.155	99	140576	41.341	ng	0.00
23) Nitrobenzene-d5	9.117	82	322870	98.767	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	238233	161.854	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	685399	100.359	ng	0.00
79) Terphenyl-d14	19.950	244	975142	72.159	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.987	122	31119m	16.136	ng	
31) Naphthalene	10.815	128	1572341	222.127	ng	98
37) 2-Methylnaphthalene	12.419	142	277138	52.463	ng	98
38) 1-Methylnaphthalene	12.636	142	221858m	43.046	ng	
58) Fluorene	15.638	166	16842	2.305	ng	99
71) Phenanthrene	17.383	178	28504	2.522	ng	94
73) Carbazole	17.747	167	70279	6.454	ng	97

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

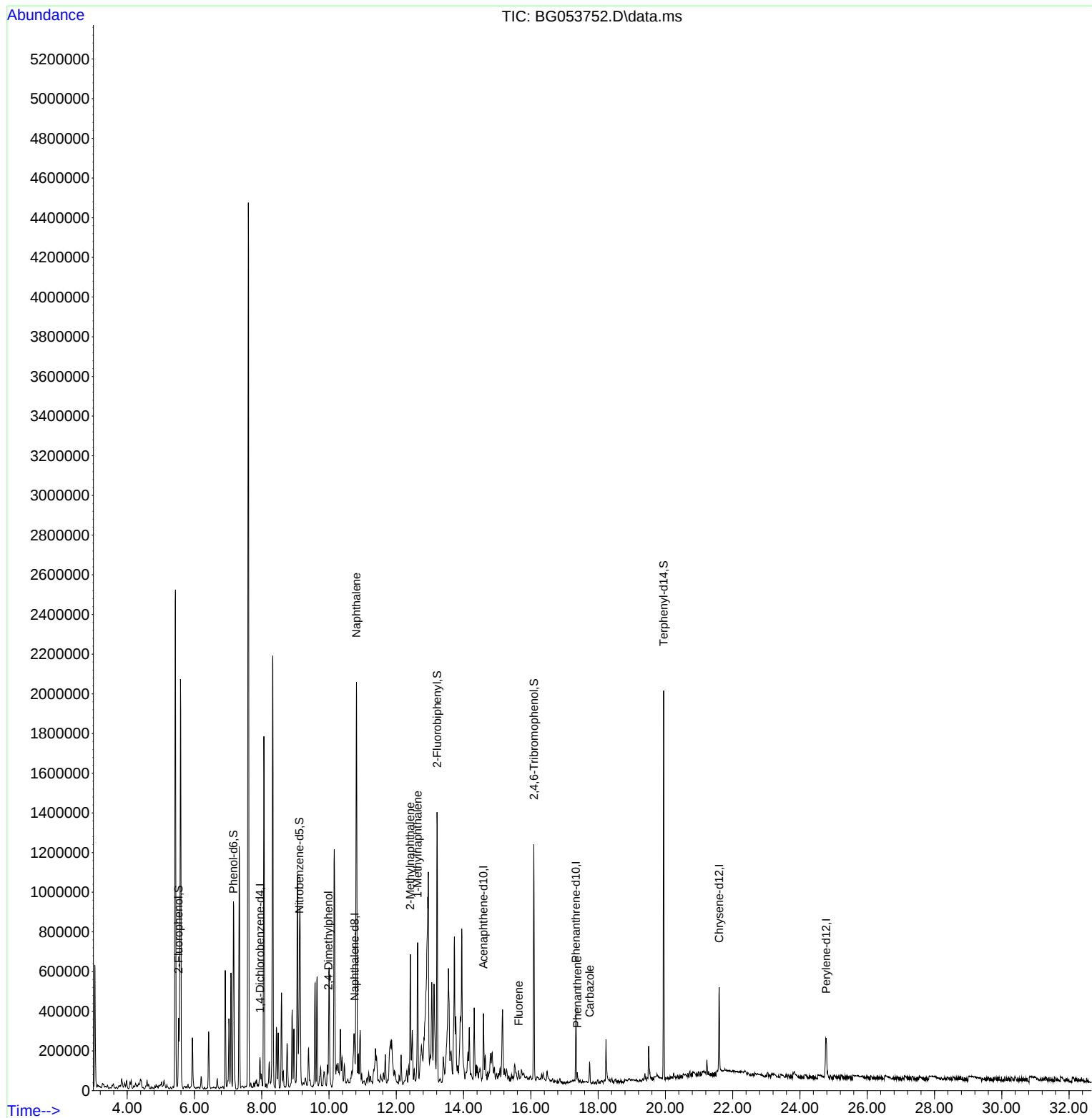
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

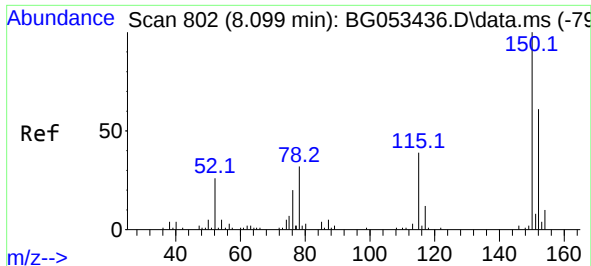
Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Time: May 29 02:19:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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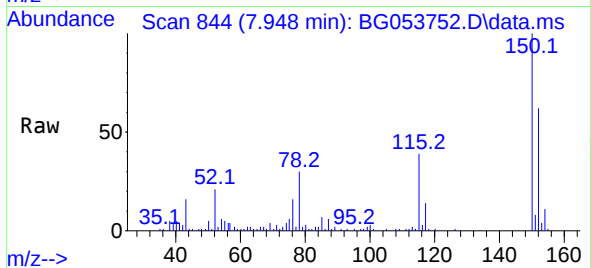
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 844
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

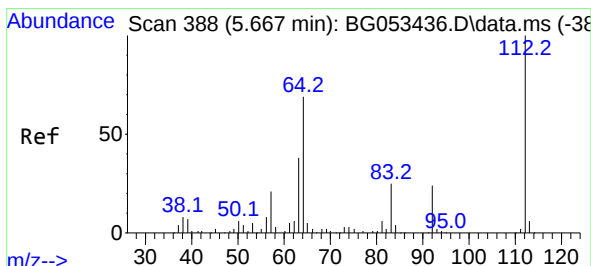
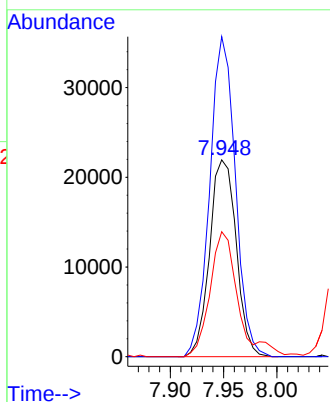
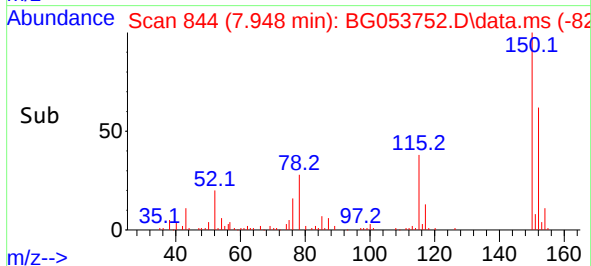
Instrument :
BNA_G
ClientSampleId :
MW-02



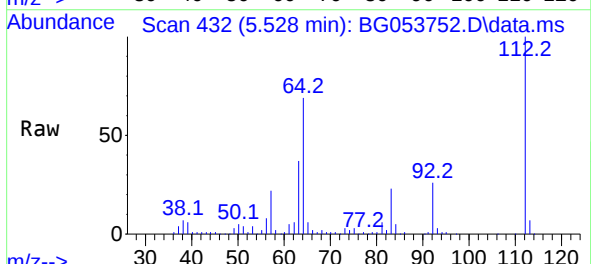
Tgt Ion:152 Resp: 3802
Ion Ratio Lower Upper
152 100
150 162.6 131.6 197.4
115 63.5 50.9 76.3

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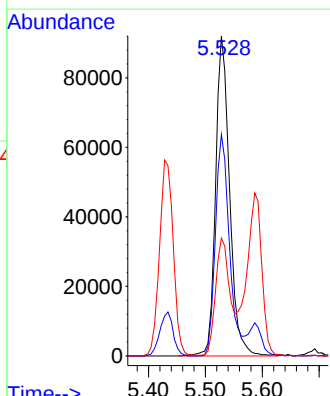
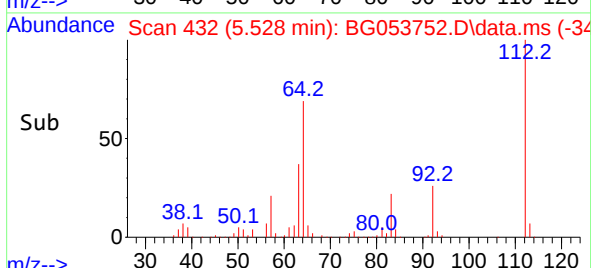
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

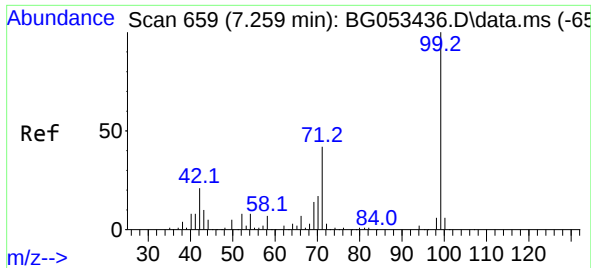


#5
2-Fluorophenol
Concen: 70.171 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51



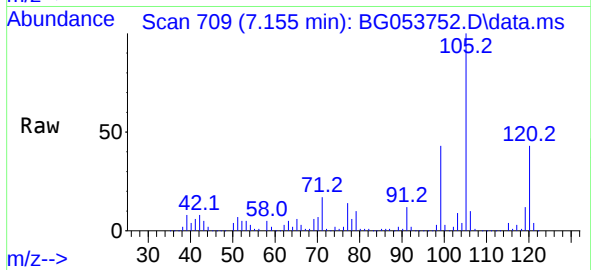
Tgt Ion:112 Resp: 157221
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 36.8 30.4 45.6





#7
Phenol-d6
Concen: 41.341 ng
RT: 7.155 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

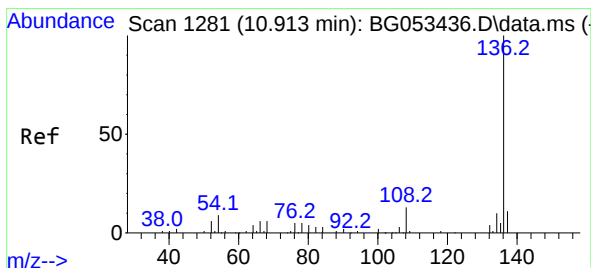
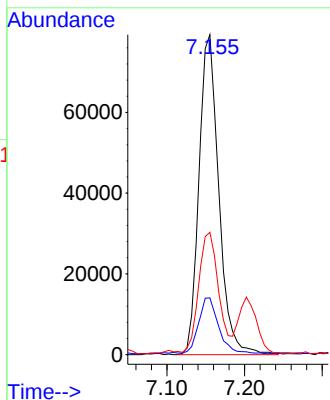
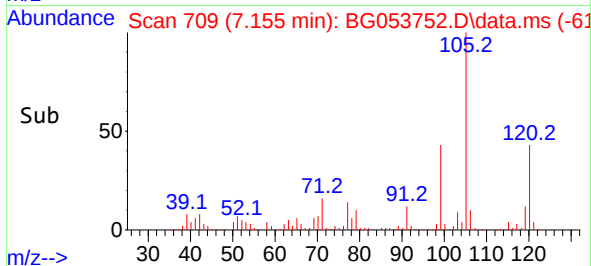
Instrument :
BNA_G
ClientSampleId :
MW-02



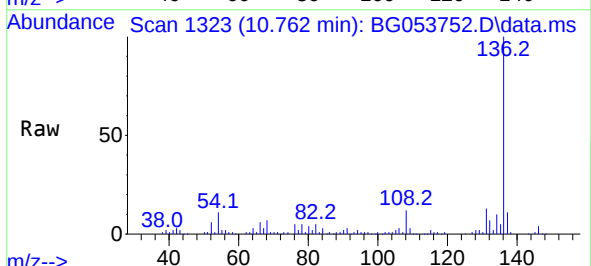
Tgt Ion: 99 Resp: 140570
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 38.3 33.8 50.8

Manual Integrations
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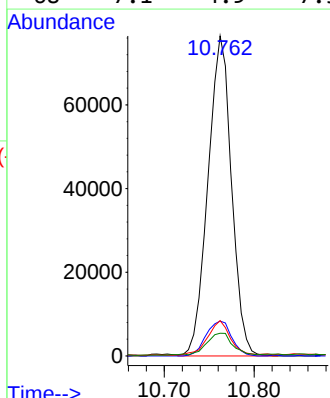
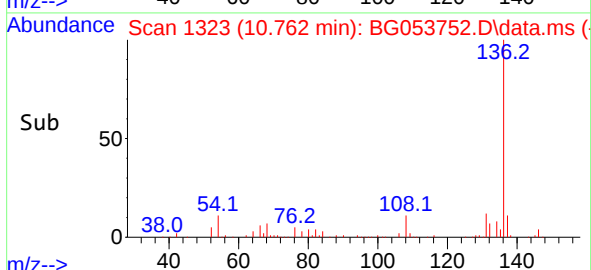
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1323
Delta R.T. 0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51



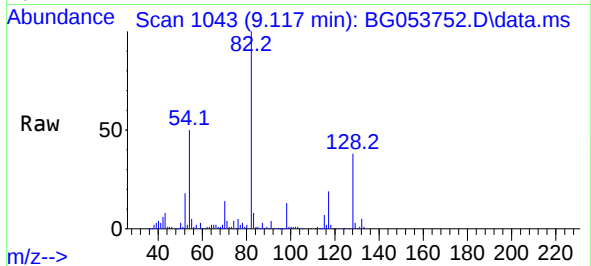
Tgt Ion:136 Resp: 139157
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.0 7.4 11.2
68 7.1 4.9 7.3





#23
Nitrobenzene-d5
Concen: 98.767 ng
RT: 9.117 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

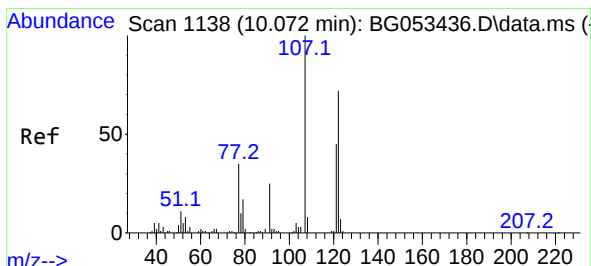
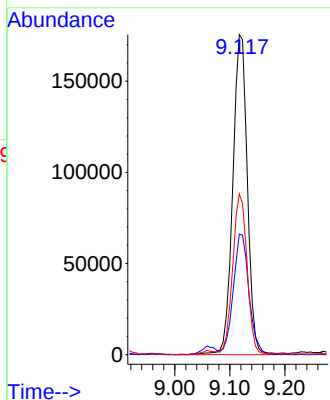
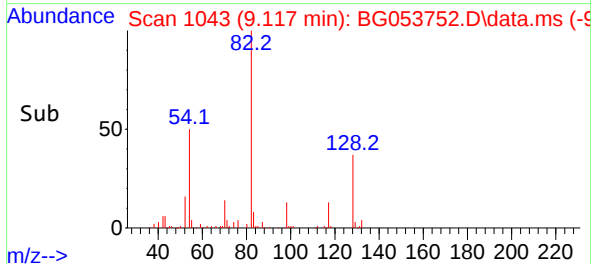
Instrument :
BNA_G
ClientSampleId :
MW-02



Tgt Ion: 82 Resp: 322870
Ion Ratio Lower Upper
82 100
128 37.7 27.9 41.9
54 50.3 41.2 61.8

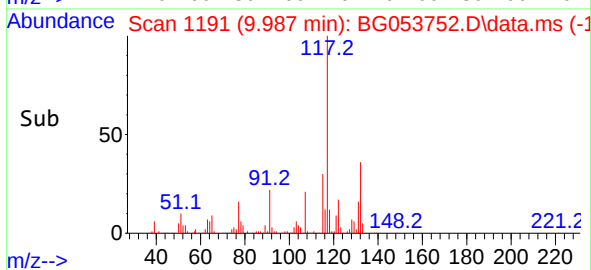
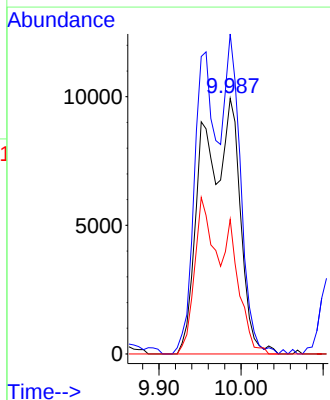
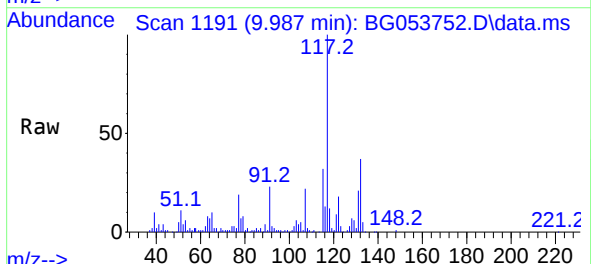
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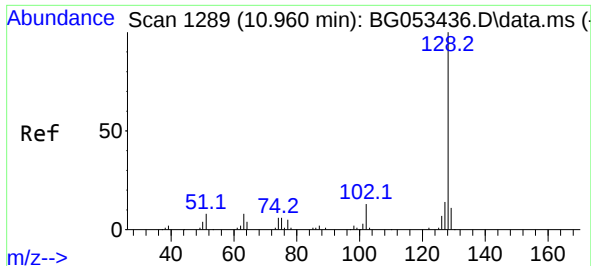
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#27
2,4-Dimethylphenol
Concen: 16.136 ng m
RT: 9.987 min Scan# 1191
Delta R.T. 0.032 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

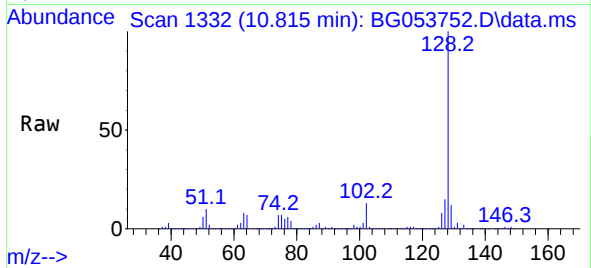
Tgt Ion:122 Resp: 31119
Ion Ratio Lower Upper
122 100
107 125.2 109.4 164.0
121 52.7 48.7 73.1





#31
Naphthalene
Concen: 222.127 ng
RT: 10.815 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

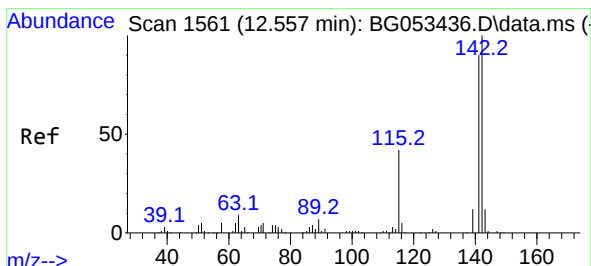
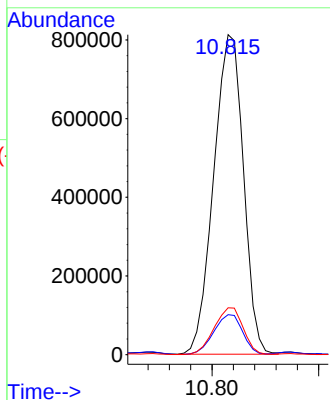
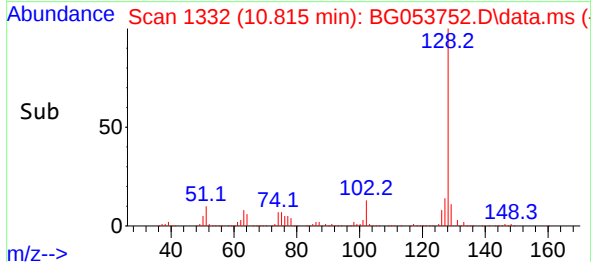
Instrument :
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ClientSampleId :
MW-02



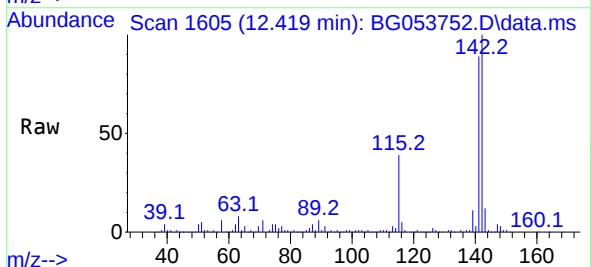
Tgt Ion:128 Resp: 157234
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 14.6 11.1 16.7

Manual Integrations
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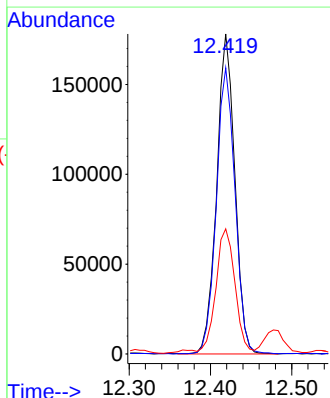
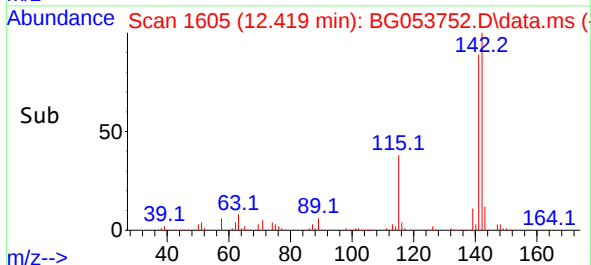
Reviewed By :Christian Giraldo 05/29/2022
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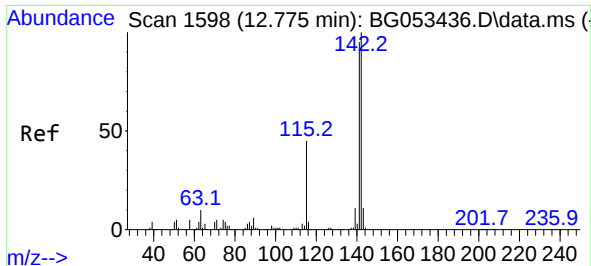


#37
2-Methylnaphthalene
Concen: 52.463 ng
RT: 12.419 min Scan# 1605
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51



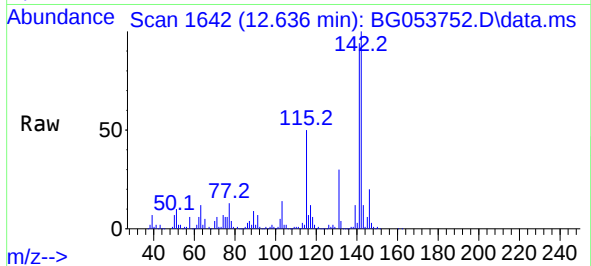
Tgt Ion:142 Resp: 277138
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5
115 39.1 33.7 50.5





#38
1-Methylnaphthalene
Concen: 43.046 ng m
RT: 12.636 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

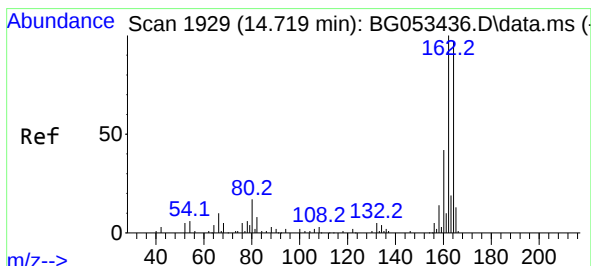
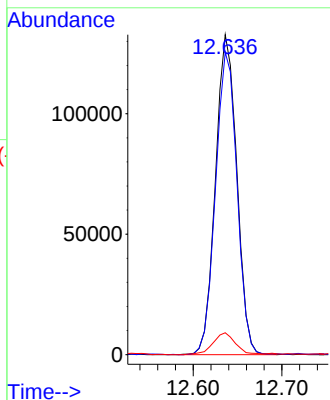
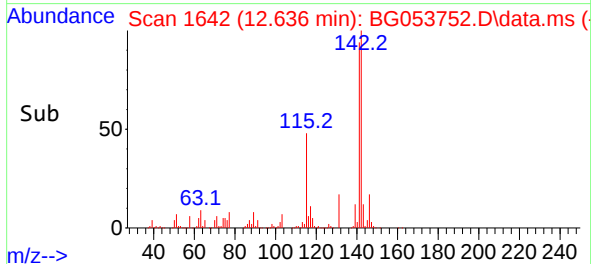
Instrument :
BNA_G
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MW-02



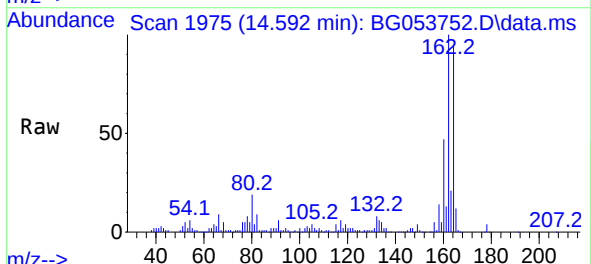
Tgt Ion:142 Resp: 22185
Ion Ratio Lower Upper
142 100
141 94.5 76.4 114.6
116 6.8 3.3 4.9

Manual Integrations
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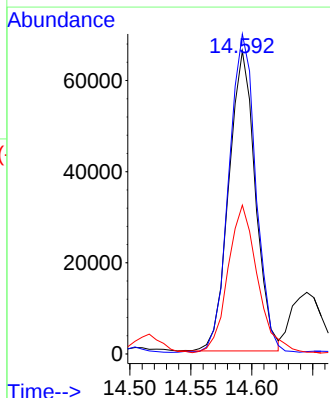
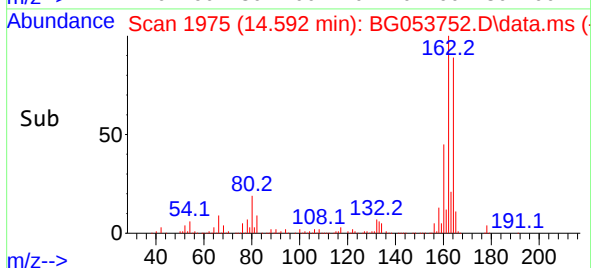
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

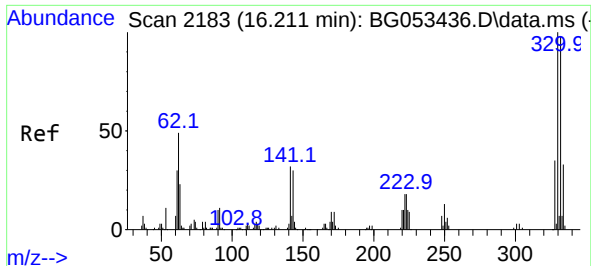


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51



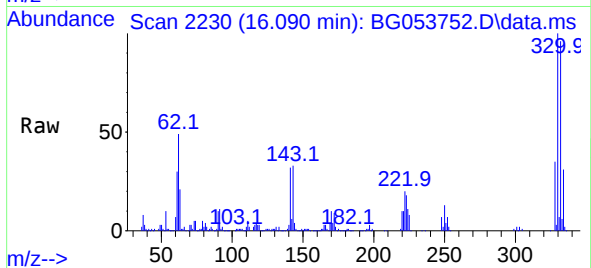
Tgt Ion:164 Resp: 99798
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 49.1 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 161.854 ng
RT: 16.090 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

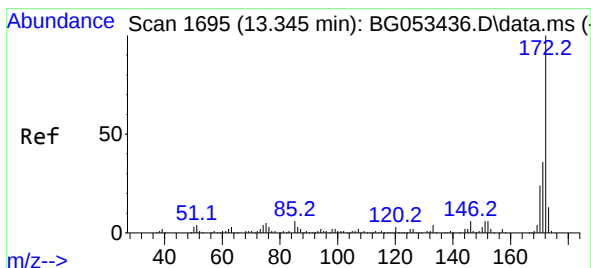
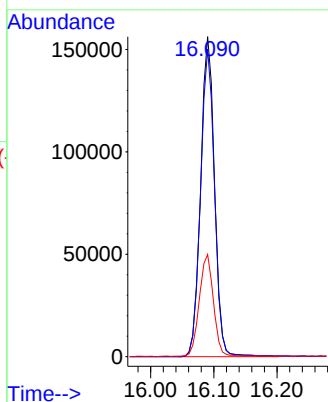
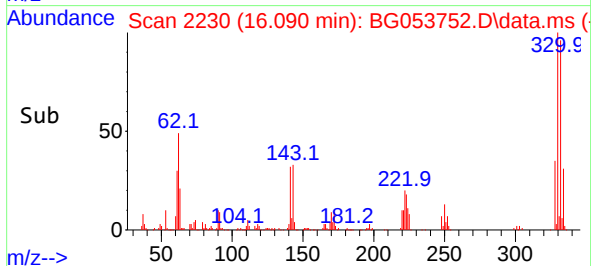
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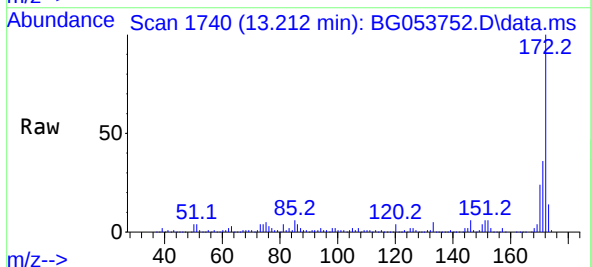
Tgt Ion:330 Resp: 23823
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 32.3 27.1 40.7

Manual Integrations
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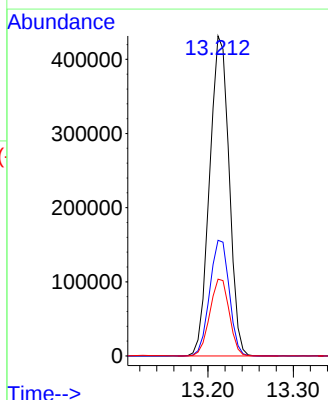
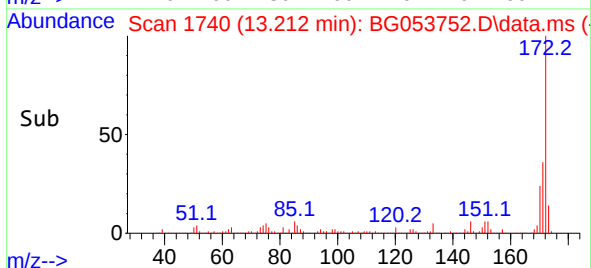
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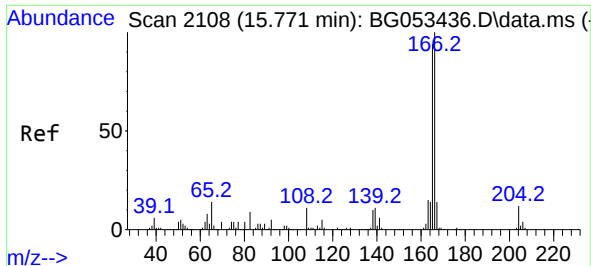


#45
2-Fluorobiphenyl
Concen: 100.359 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51



Tgt Ion:172 Resp: 685399
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 18.9 28.3





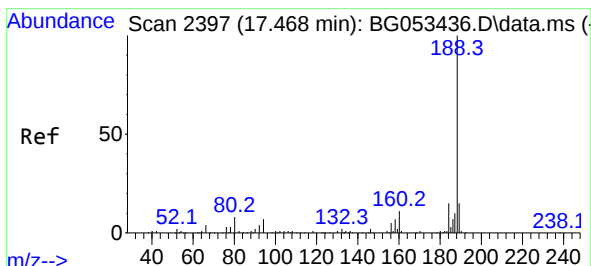
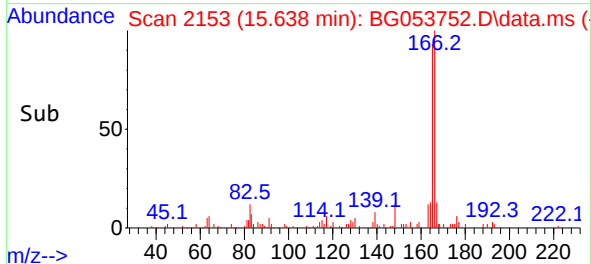
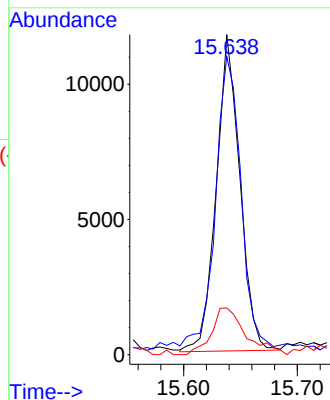
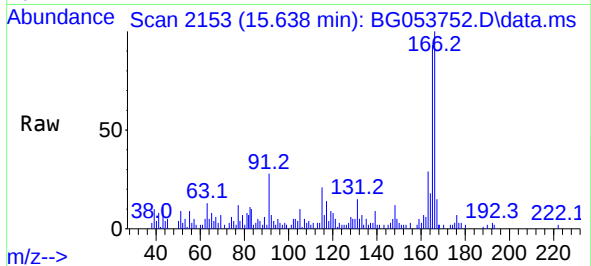
#58
Fluorene
Concen: 2.305 ng
RT: 15.638 min Scan# 2108
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:166 Resp: 1684
Ion Ratio Lower Upper
166 100
165 93.2 75.0 112.6
167 14.6 10.8 16.2

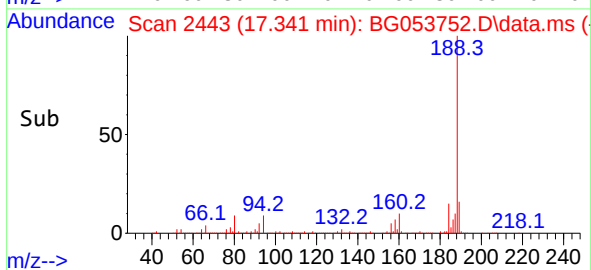
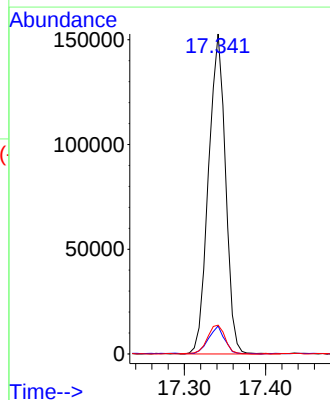
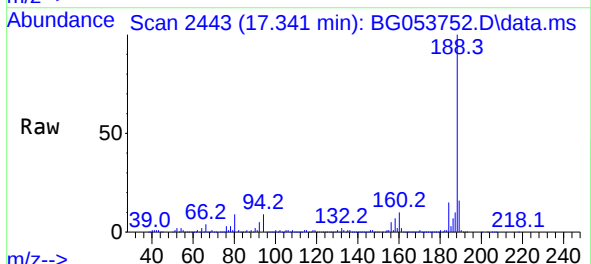
Manual Integrations
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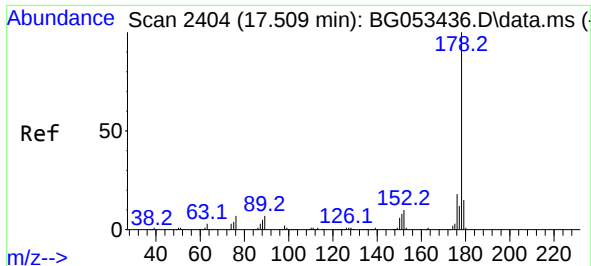
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

Tgt Ion:188 Resp: 222304
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 9.0 6.8 10.2





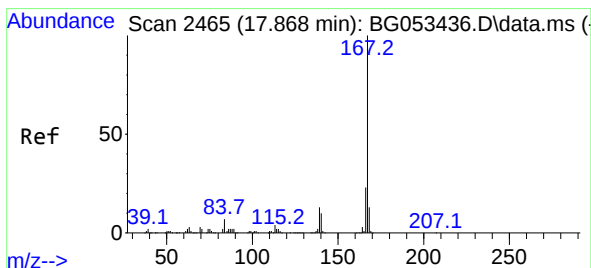
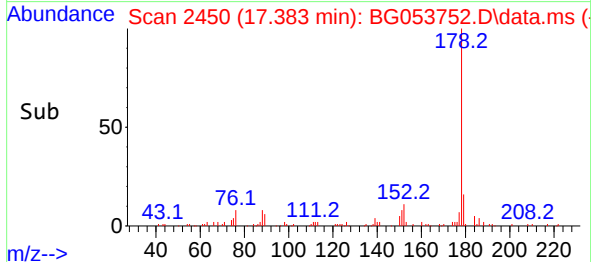
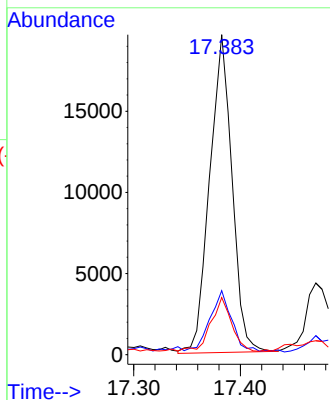
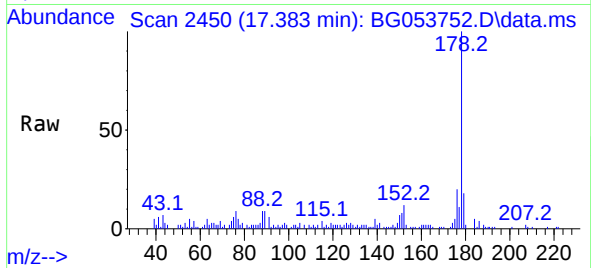
#71
Phenanthrene
Concen: 2.522 ng
RT: 17.383 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:178 Resp: 28504
Ion Ratio Lower Upper
178 100
176 20.0 14.1 21.1
179 17.9 12.1 18.1

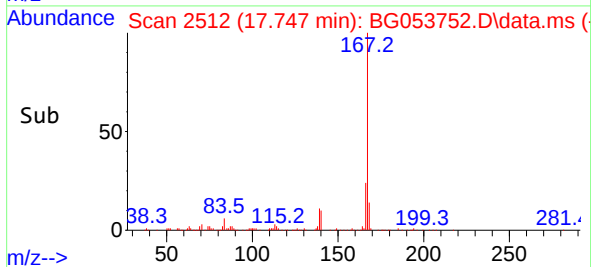
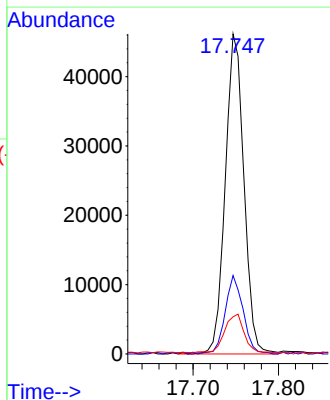
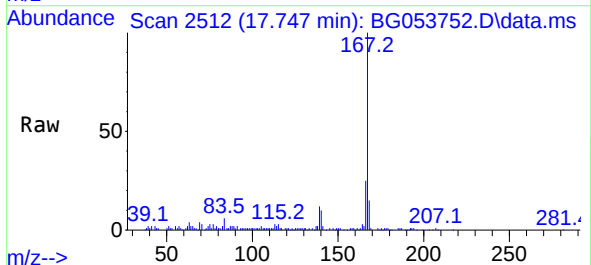
Manual Integrations
APPROVED

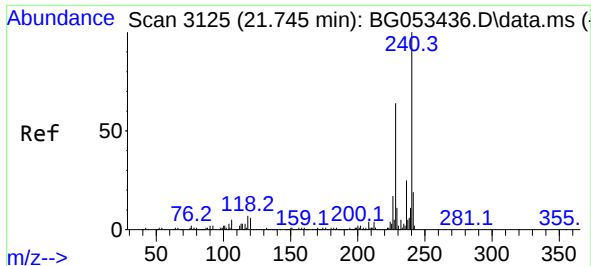
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#73
Carbazole
Concen: 6.454 ng
RT: 17.747 min Scan# 2512
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

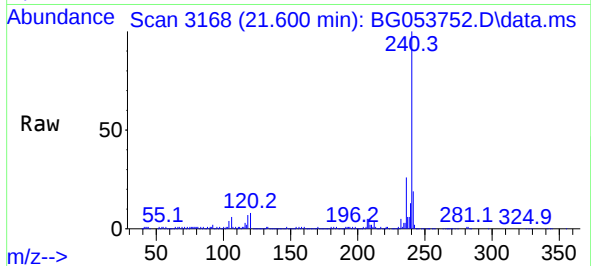
Tgt Ion:167 Resp: 70279
Ion Ratio Lower Upper
167 100
166 24.5 18.2 27.2
139 11.6 10.1 15.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.600 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

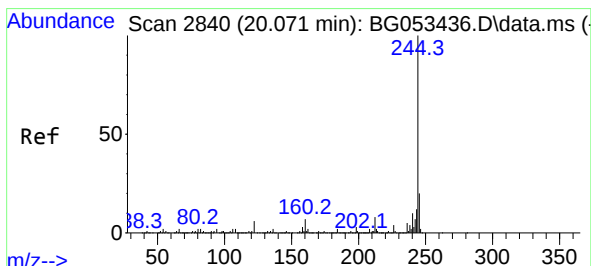
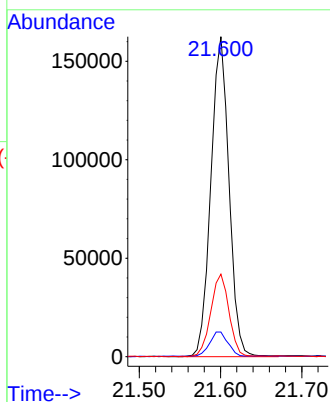
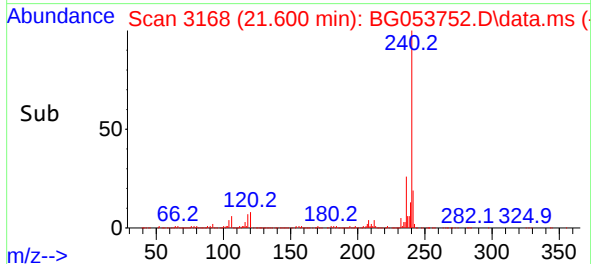
Instrument :
BNA_G
ClientSampleId :
MW-02



Tgt Ion:240 Resp: 25169
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0
236 25.8 20.2 30.4

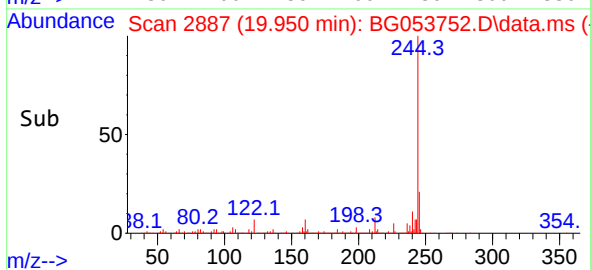
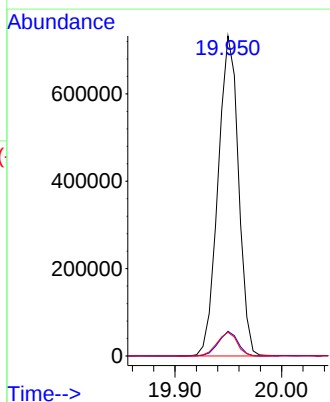
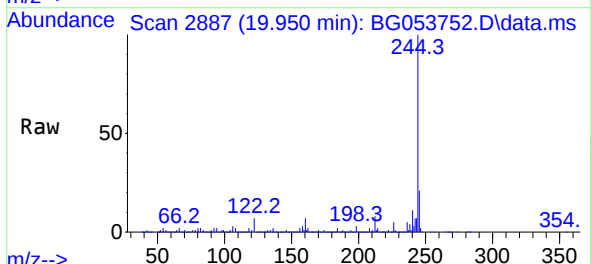
Manual Integrations
APPROVED

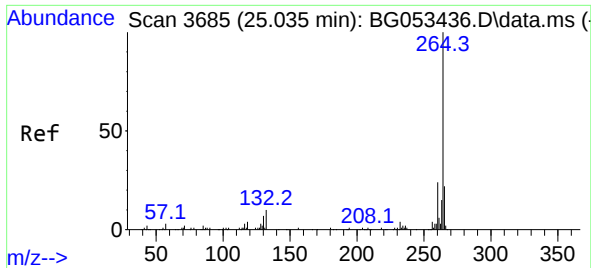
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#79
Terphenyl-d14
Concen: 72.159 ng
RT: 19.950 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG053752.D
Acq: 28 May 2022 15:51

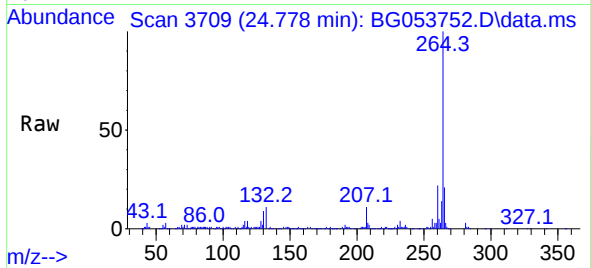
Tgt Ion:244 Resp: 975142
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.4 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.778 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG053752.D
 Acq: 28 May 2022 15:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-02



Tgt Ion:264 Resp: 21497
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.6
 265 20.8 17.4 26.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022

