

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053689.D
 Acq On : 24 May 2022 19:24
 Operator : CG/JU
 Sample : N3002-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2022
 Supervised By : Jagrut Upadhyay 05/25/2022

Quant Time: May 25 02:37:40 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	8.063	152	26044	20.000	ng	0.00
21) Naphthalene-d8	10.871	136	109326	20.000	ng	# 0.00
39) Acenaphthene-d10	14.689	164	82653	20.000	ng	# 0.00
64) Phenanthrene-d10	17.433	188	188874	20.000	ng	0.00
76) Chrysene-d12	21.709	240	190450	20.000	ng	0.00
86) Perylene-d12	24.970	264	196588	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	100685	65.611	ng	0.02
7) Phenol-d6	7.241	99	97843	42.011	ng	0.01
23) Nitrobenzene-d5	9.226	82	229304	89.284	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	166522	136.601	ng	0.00
45) 2-Fluorobiphenyl	13.309	172	514625	90.984	ng	0.00
79) Terphenyl-d14	20.041	244	922132	90.178	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.515	107	6536	4.245	ng	95
20) 3+4-Methylphenols	8.850	107	26303	12.097	ng	# 71
27) 2,4-Dimethylphenol	10.049	122	99050m	65.374	ng	
31) Naphthalene	10.936	128	2509955	451.338	ng	96
37) 2-Methylnaphthalene	12.522	142	437838	105.499	ng	98
38) 1-Methylnaphthalene	12.739	142	246548m	60.889	ng	

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

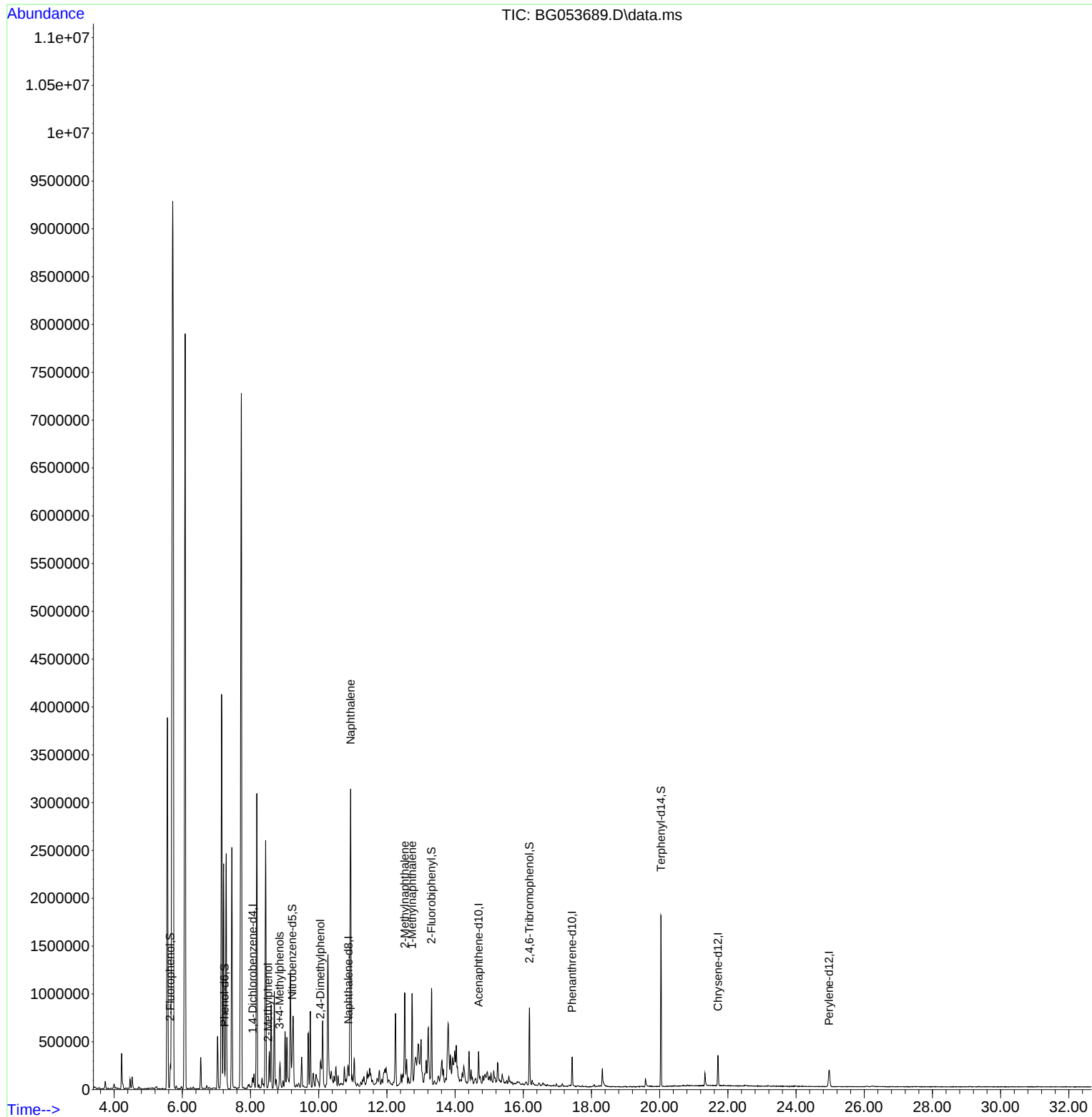
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053689.D
Acq On : 24 May 2022 19:24
Operator : CG/JU
Sample : N3002-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

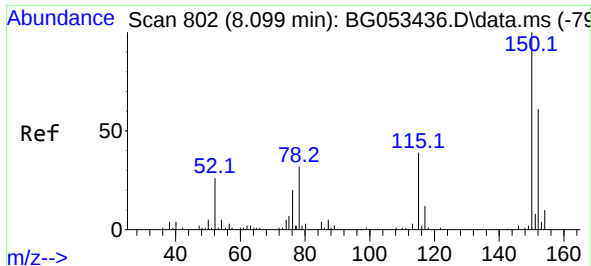
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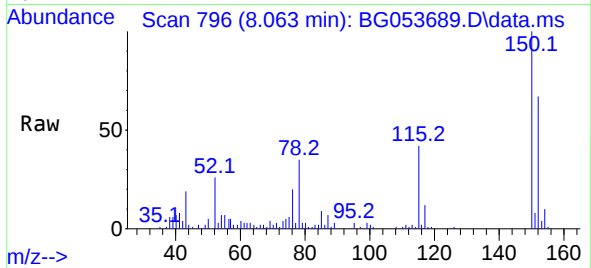
Quant Time: May 25 02:37:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 796
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

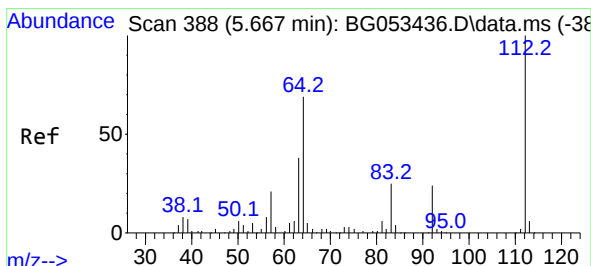
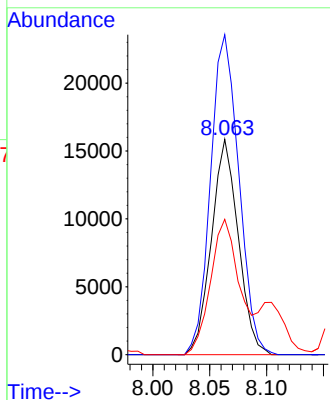
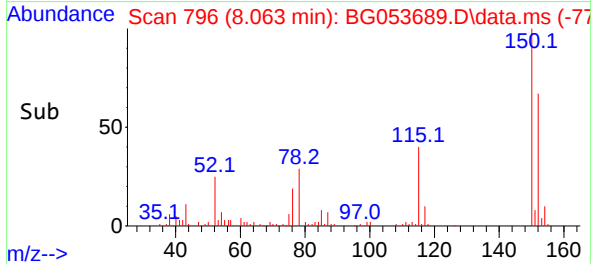
Instrument :
BNA_G
ClientSampleId :
MW-08



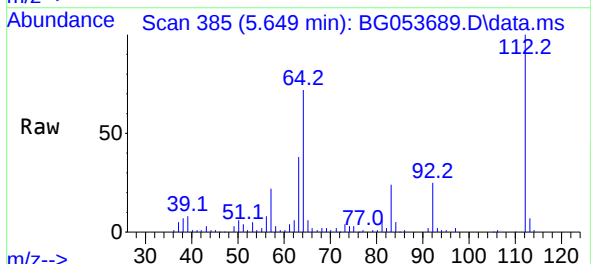
Tgt Ion:152 Resp: 2604
Ion Ratio Lower Upper
152 100
150 148.6 131.6 197.4
115 62.9 50.9 76.3

Manual Integrations
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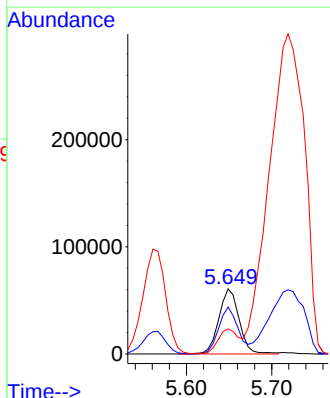
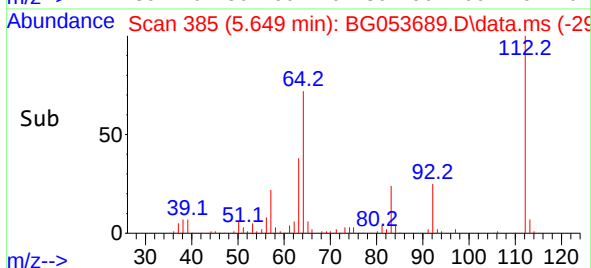
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

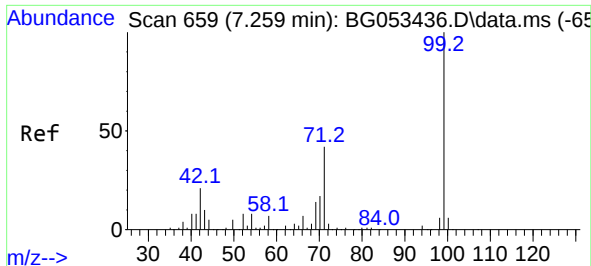


#5
2-Fluorophenol
Concen: 65.611 ng
RT: 5.649 min Scan# 385
Delta R.T. 0.023 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24



Tgt Ion:112 Resp: 100685
Ion Ratio Lower Upper
112 100
64 71.9 55.1 82.7
63 38.5 30.4 45.6





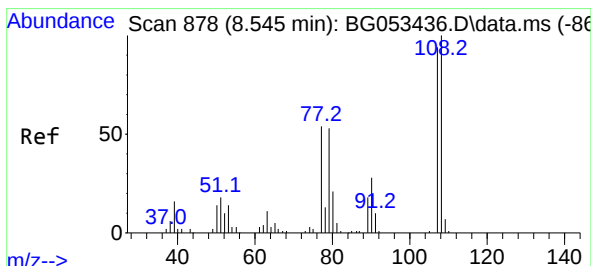
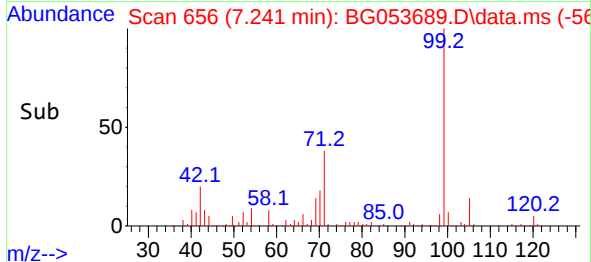
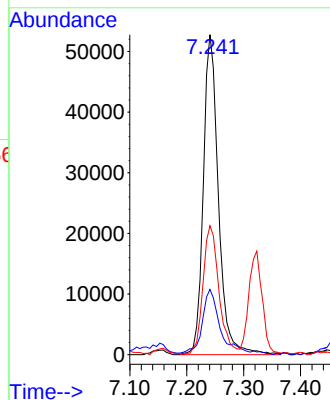
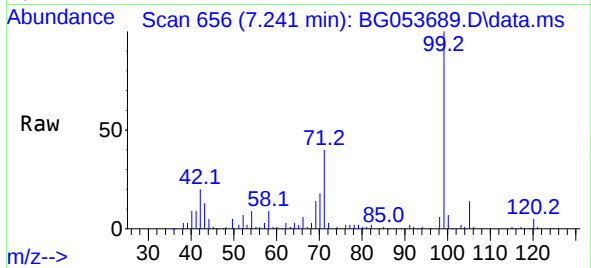
#7
Phenol-d6
Concen: 42.011 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 9784
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 40.3 33.8 50.8

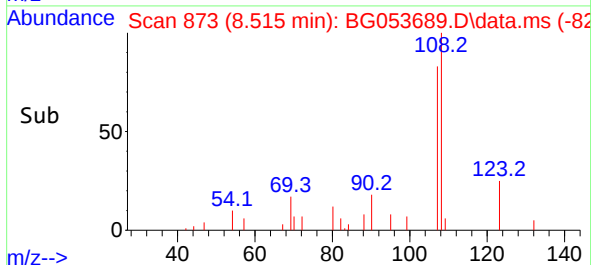
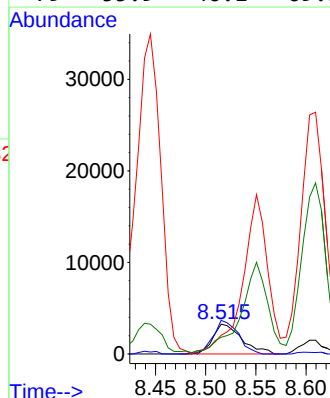
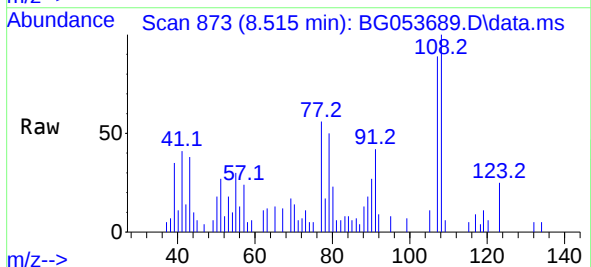
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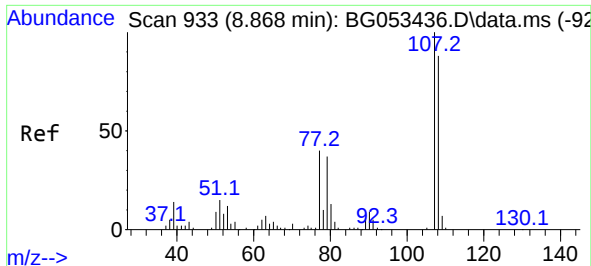
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#17
2-Methylphenol
Concen: 4.245 ng
RT: 8.515 min Scan# 873
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:107 Resp: 6536
Ion Ratio Lower Upper
107 100
108 112.8 85.4 128.0
77 63.0 46.2 69.2
79 55.9 46.1 69.1





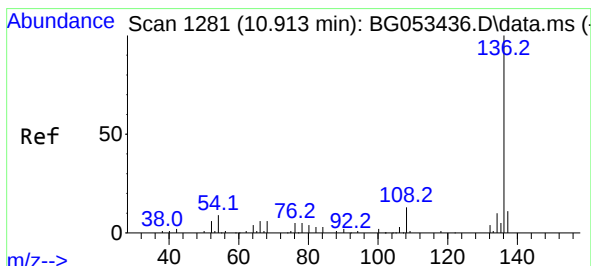
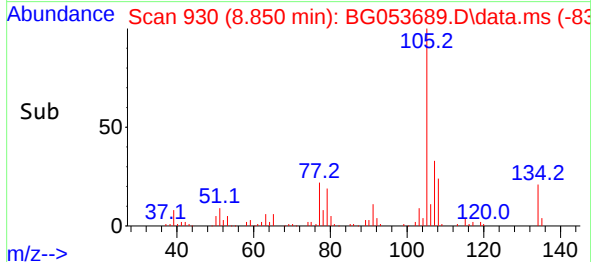
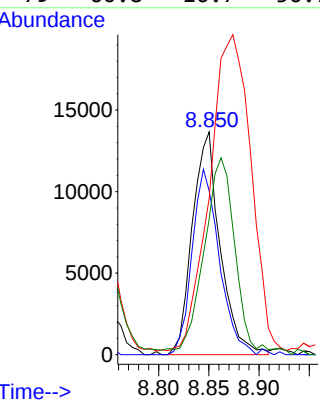
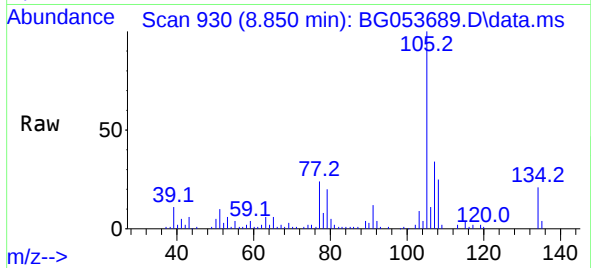
#20
3+4-Methylphenols
Concen: 12.097 ng
RT: 8.850 min Scan# 91
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	107	Resp:	2630
Ion Ratio	Lower	Upper	
107	100		
108	73.5	67.5	107.5
77	70.2	20.3	60.3
79	60.8	16.7	56.7

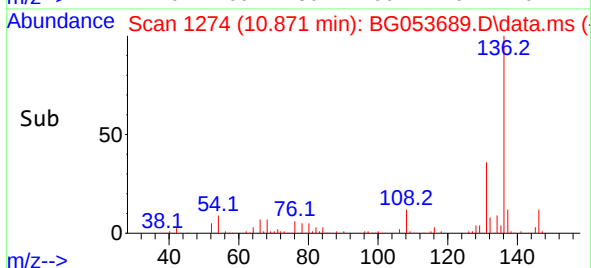
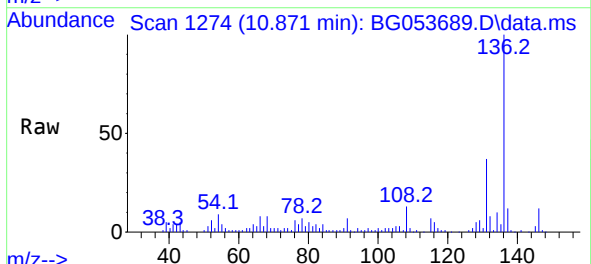
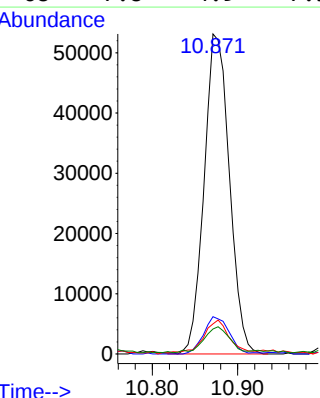
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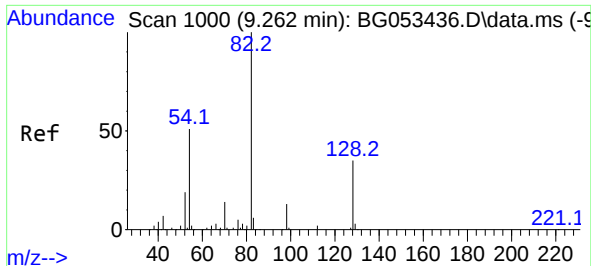
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.871 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

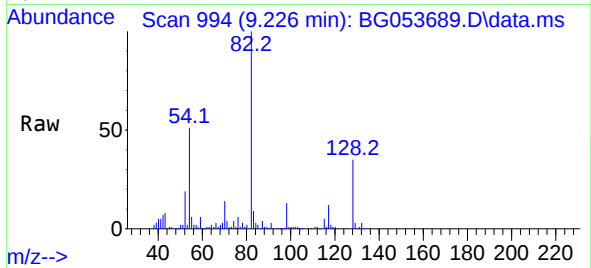
Tgt Ion:	136	Resp:	109326
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	9.4	7.4	11.2
68	7.8	4.9	7.3





#23
Nitrobenzene-d5
Concen: 89.284 ng
RT: 9.226 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

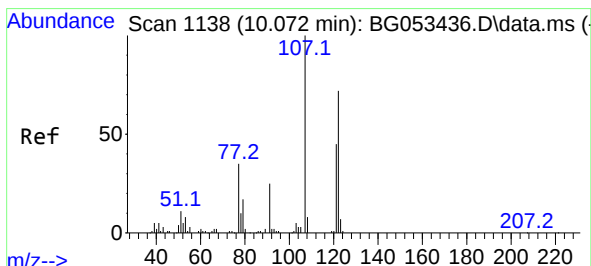
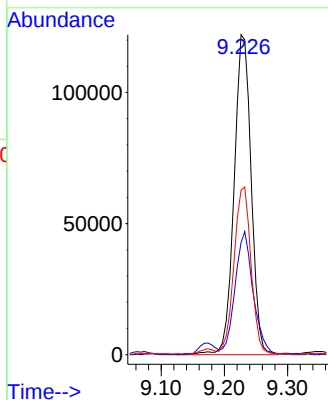
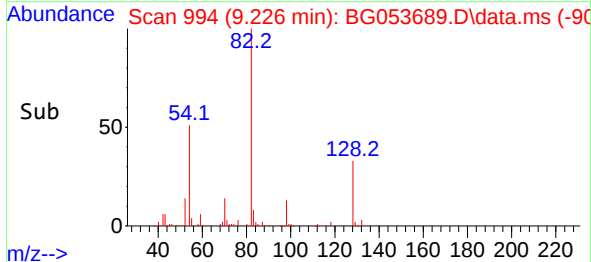
Instrument :
BNA_G
ClientSampleId :
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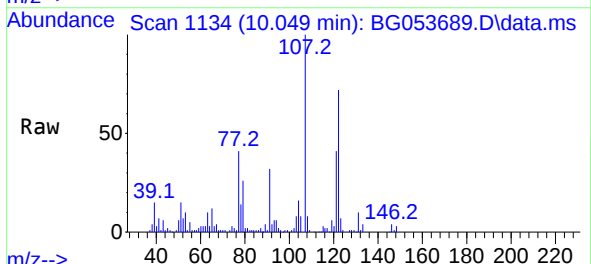
Tgt Ion: 82 Resp: 229304
Ion Ratio Lower Upper
82 100
128 35.1 27.9 41.9
54 51.5 41.2 61.8

Manual Integrations
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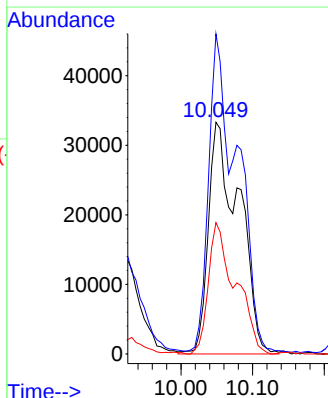
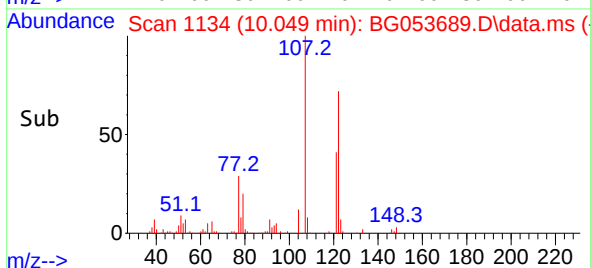
Reviewed By :Christian Giraldo 05/25/2022
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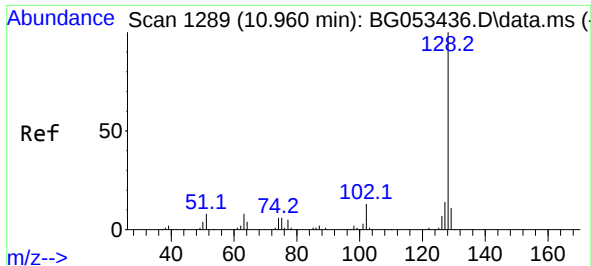


#27
2,4-Dimethylphenol
Concen: 65.374 ng m
RT: 10.049 min Scan# 1134
Delta R.T. 0.005 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24



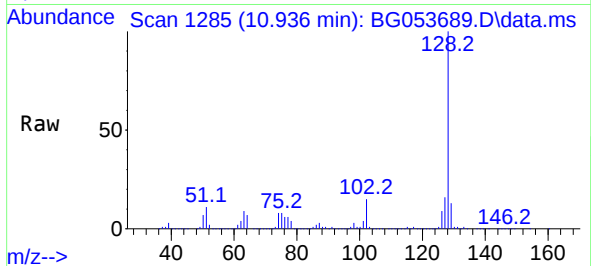
Tgt Ion:122 Resp: 99050
Ion Ratio Lower Upper
122 100
107 138.1 109.4 164.0
121 56.7 48.7 73.1





#31
Naphthalene
Concen: 451.338 ng
RT: 10.936 min Scan# 1055
Delta R.T. 0.011 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

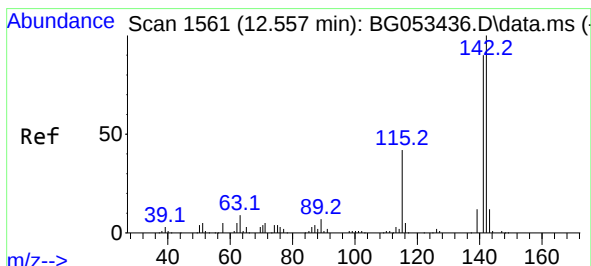
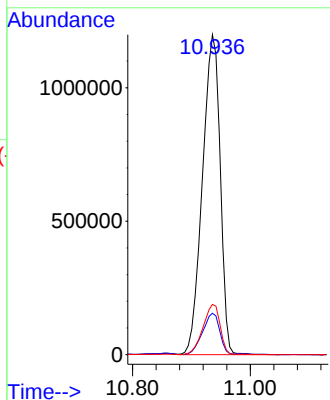
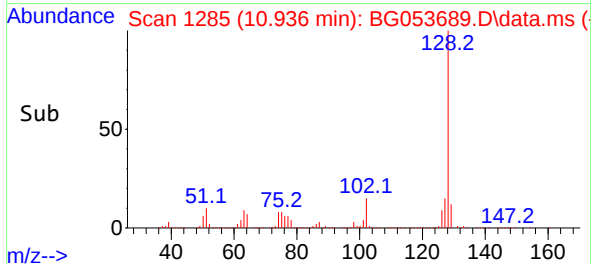
Instrument :
BNA_G
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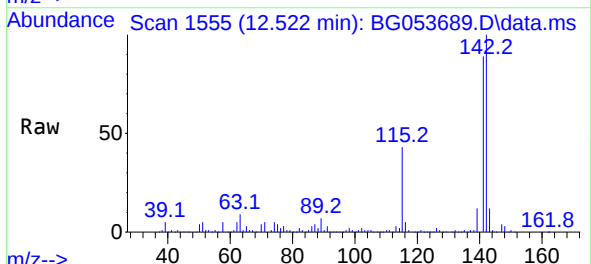
Tgt Ion:128 Resp: 250995
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 15.7 11.1 16.7

Manual Integrations
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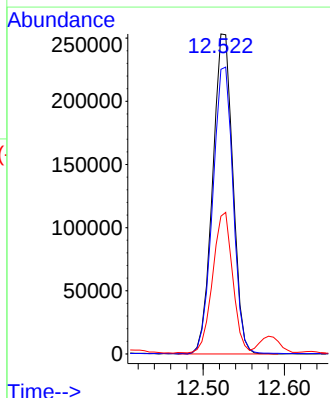
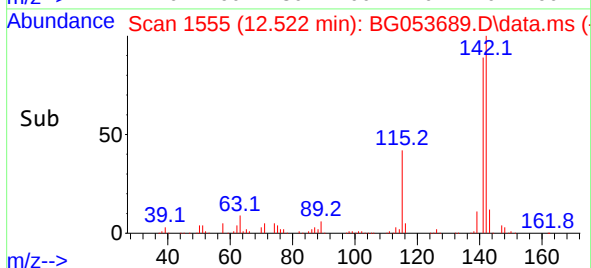
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

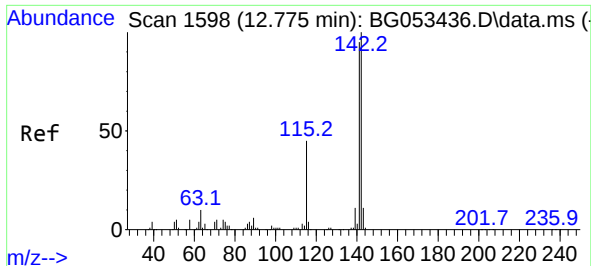


#37
2-Methylnaphthalene
Concen: 105.499 ng
RT: 12.522 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24



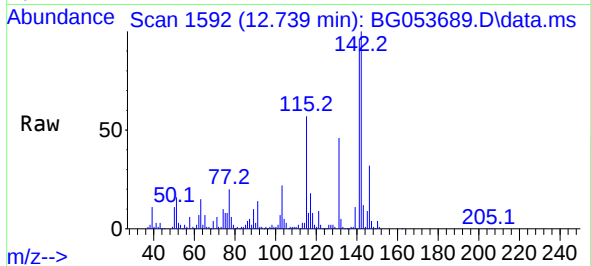
Tgt Ion:142 Resp: 437838
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 43.0 33.7 50.5





#38
1-Methylnaphthalene
Concen: 60.889 ng m
RT: 12.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

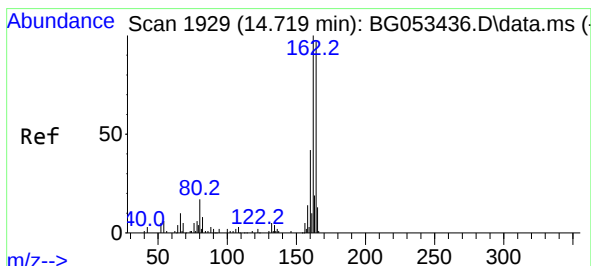
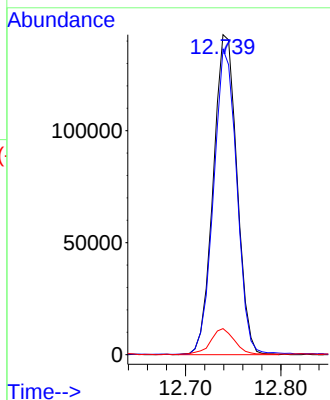
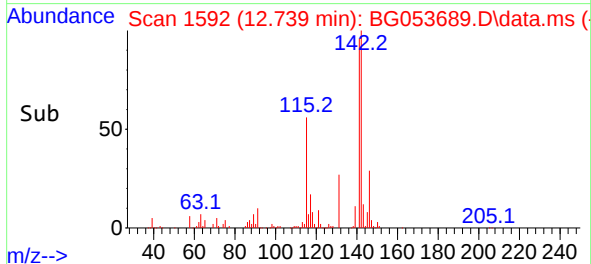
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:142 Resp: 246548
Ion Ratio Lower Upper
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141 95.5 76.4 114.6
116 8.1 3.3 4.9

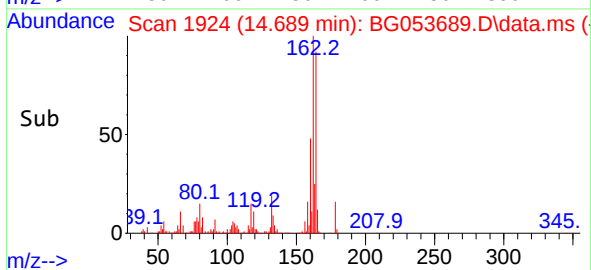
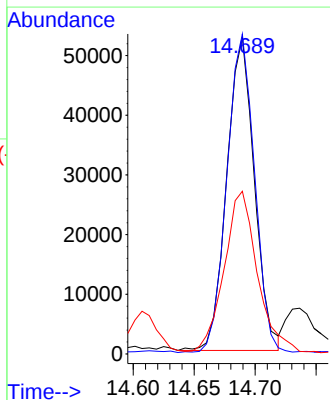
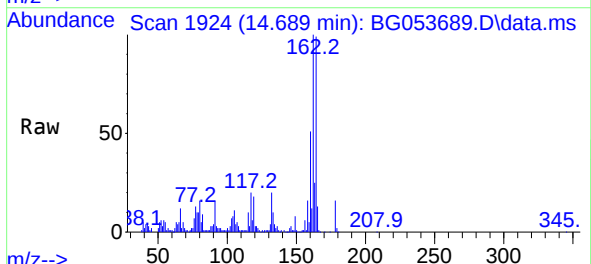
Manual Integrations
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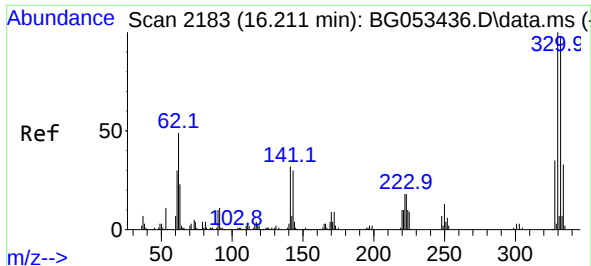
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.689 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:164 Resp: 82653
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 51.4 34.2 51.2#





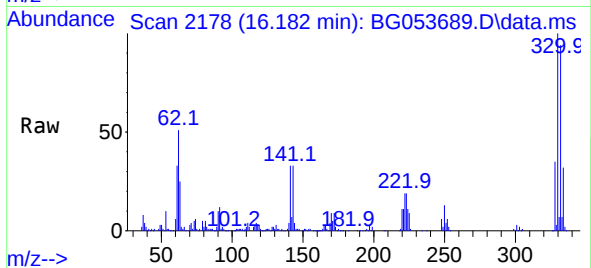
#42
2,4,6-Tribromophenol
Concen: 136.601 ng
RT: 16.182 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Instrument :

BNA_G

ClientSampleId :

MW-08

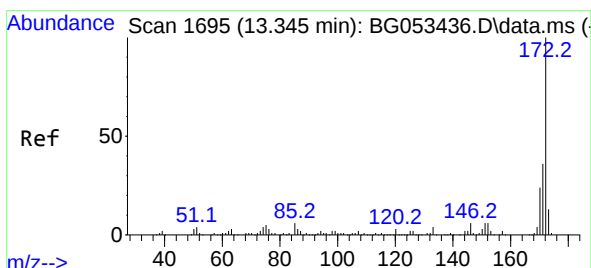
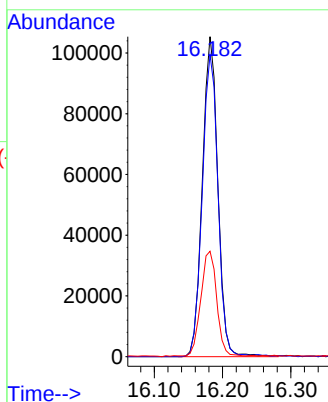
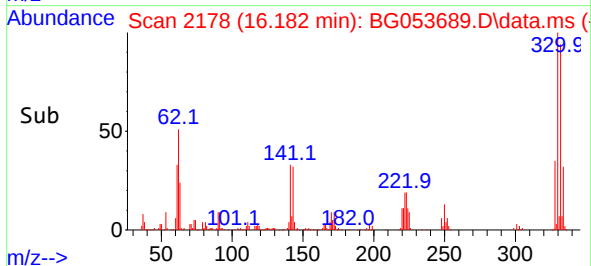


Tgt Ion:330 Resp: 16652
Ion Ratio Lower Upper
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332 95.3 76.0 114.0
141 34.3 27.1 40.7

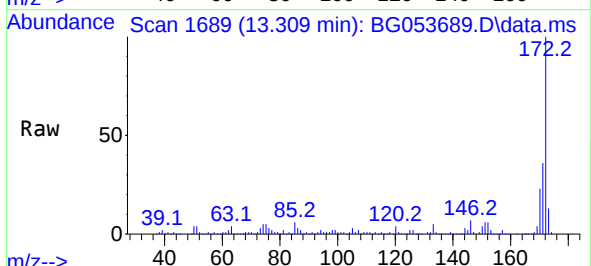
Manual Integrations

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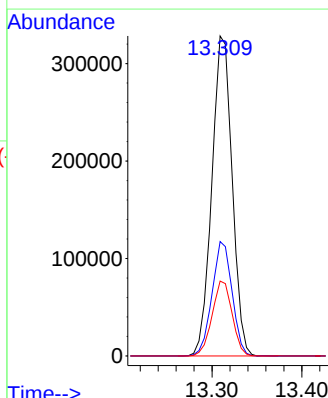
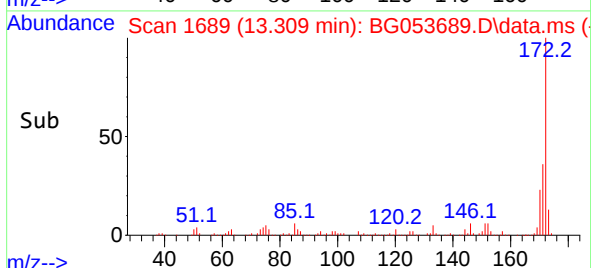
Reviewed By :Christian Giraldo 05/25/2022
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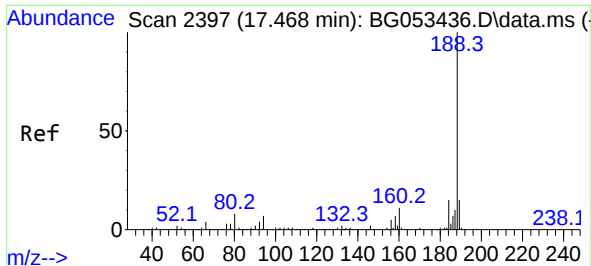


#45
2-Fluorobiphenyl
Concen: 90.984 ng
RT: 13.309 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24



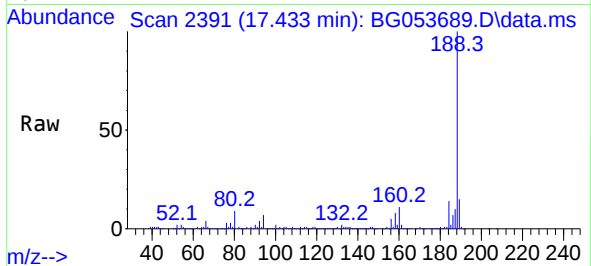
Tgt Ion:172 Resp: 514625
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

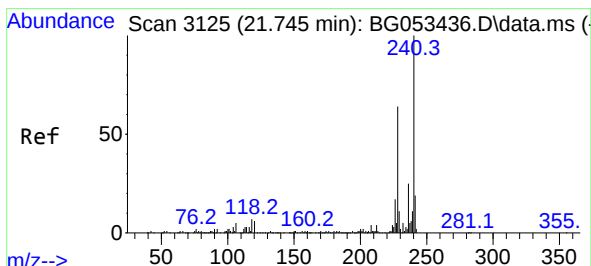
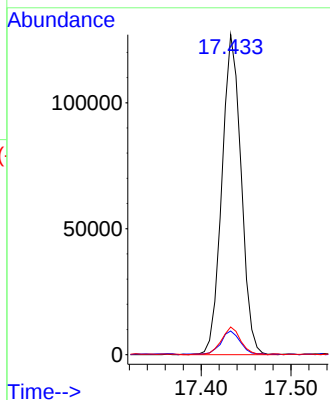
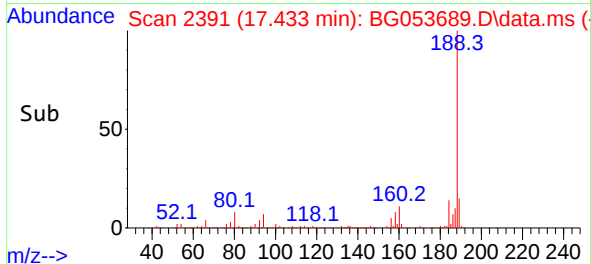
Instrument :
BNA_G
ClientSampleId :
MW-08



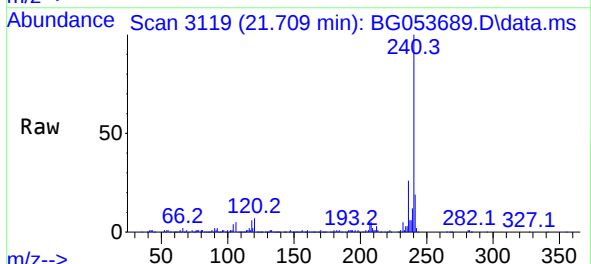
Tgt Ion:188 Resp: 188874
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 8.6 6.8 10.2

Manual Integrations
APPROVED

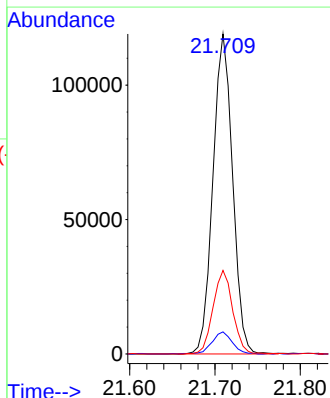
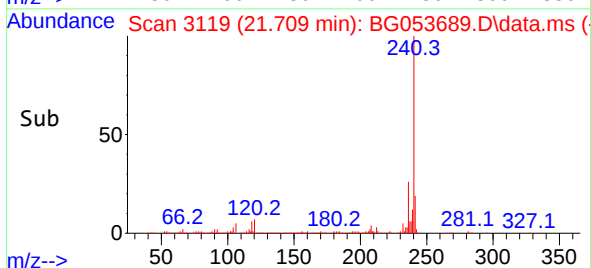
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

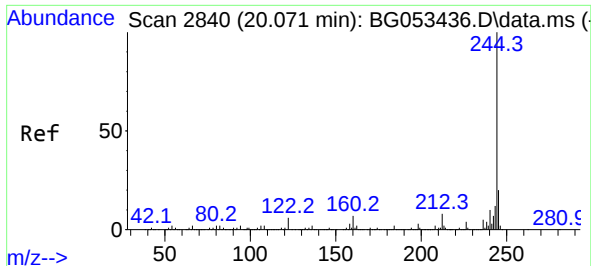


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24



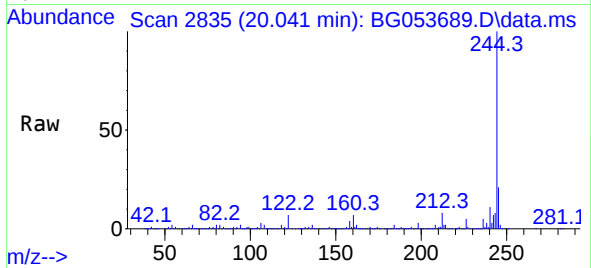
Tgt Ion:240 Resp: 190450
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 26.1 20.2 30.4





#79
Terphenyl-d14
Concen: 90.178 ng
RT: 20.041 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

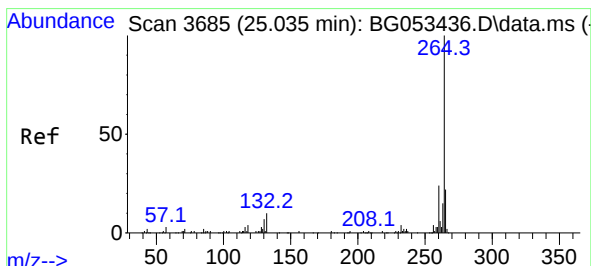
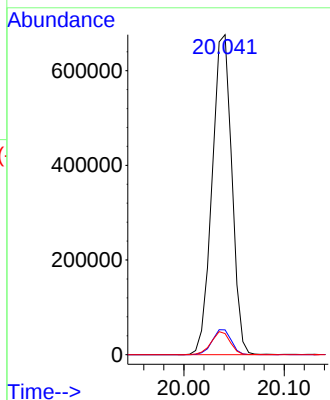
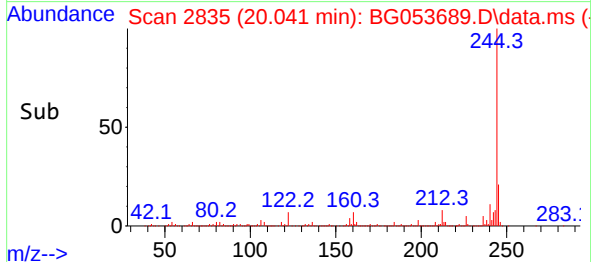
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:244 Resp: 92213
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.6 5.0 7.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.970 min Scan# 3674
Delta R.T. -0.012 min
Lab File: BG053689.D
Acq: 24 May 2022 19:24

Tgt Ion:264 Resp: 196588
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.9 17.4 26.2

