

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055689.D
 Acq On : 18 Nov 2022 13:42
 Operator : CG/JU
 Sample : N5557-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 18 23:55:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	44397	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	172255	20.000	ng	0.00
39) Acenaphthene-d10	14.877	164	200389m	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	239568	20.000	ng	0.00
76) Chrysene-d12	21.916	240	238362	20.000	ng	0.00
86) Perylene-d12	25.330	264	252823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	182720	74.390	ng	0.00
7) Phenol-d6	7.398	99	192435	58.855	ng	0.00
23) Nitrobenzene-d5	9.425	82	253108	77.664	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	170482	60.417	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	572988	42.837	ng	0.00
79) Terphenyl-d14	20.206	244	640098	53.711	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	9.013	107	8397	2.313	ng	95
31) Naphthalene	11.134	128	140618	15.101	ng	# 97
37) 2-Methylnaphthalene	12.715	142	29382	4.214	ng	97
38) 1-Methylnaphthalene	12.938	142	418557	61.839	ng	99
51) 2,6-Dinitrotoluene	14.548	165	9115	2.791	ng	# 20
58) Fluorene	15.917	166	33317	2.214	ng	96
71) Phenanthrene	17.662	178	35526	2.748	ng	# 91
73) Carbazole	18.021	167	210826	18.670	ng	98

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

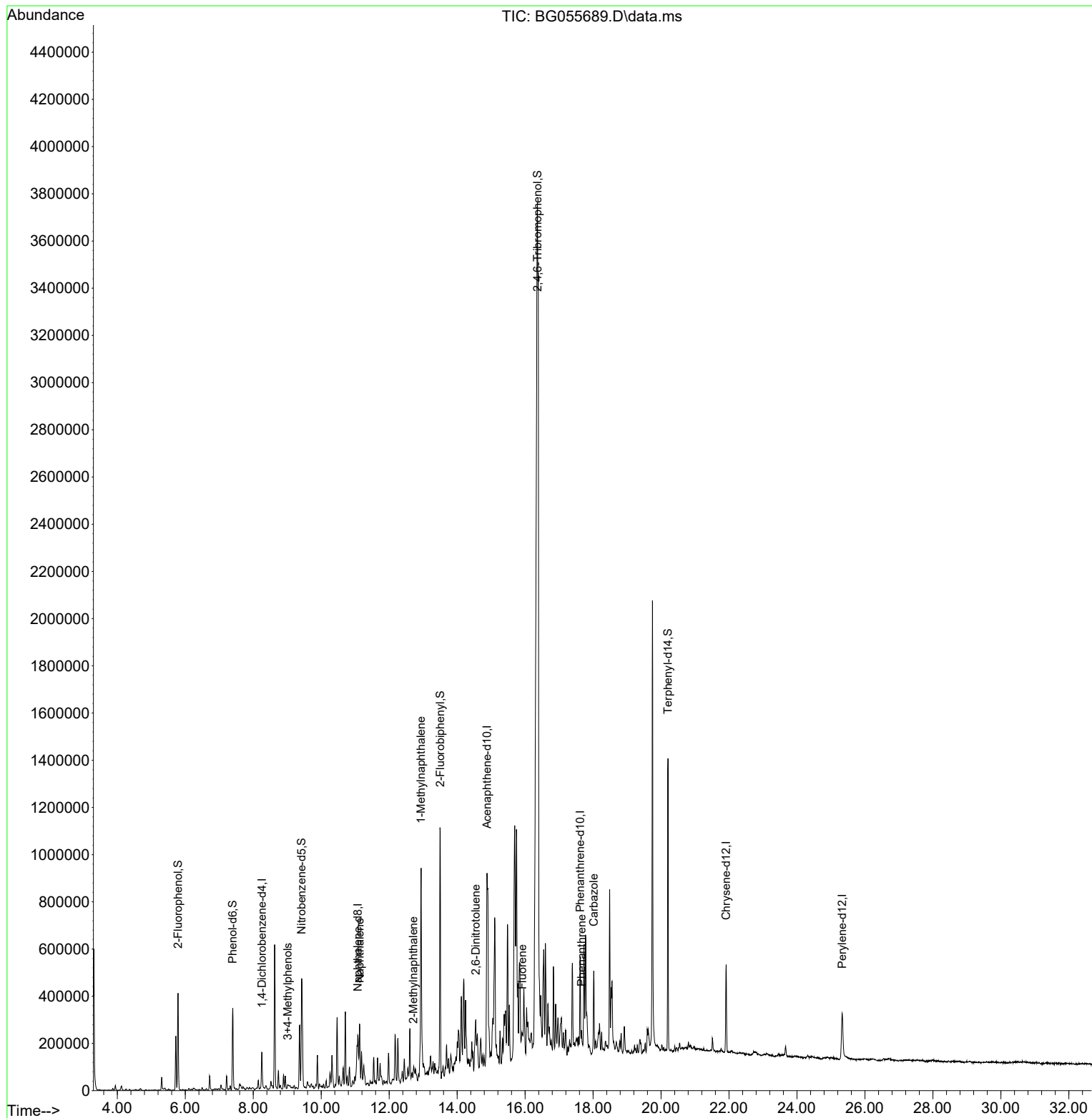
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055689.D
Acq On : 18 Nov 2022 13:42
Operator : CG/JU
Sample : N5557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

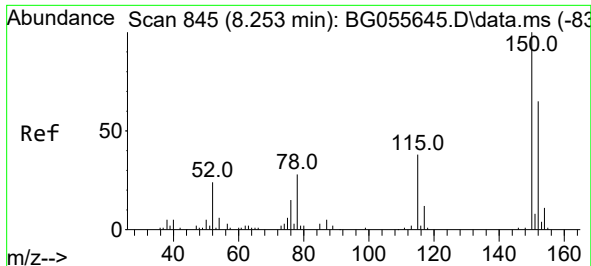
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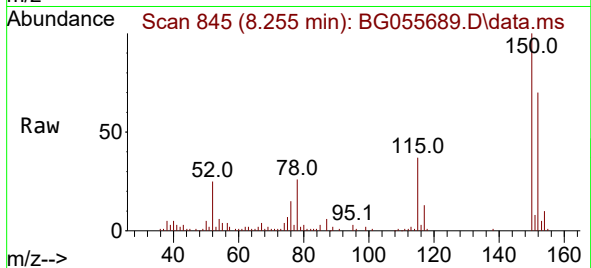
Quant Time: Nov 18 23:55:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 845
Delta R.T. 0.002 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

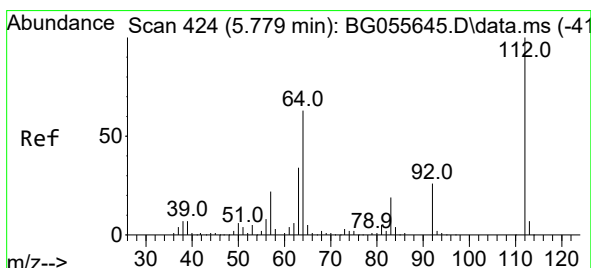
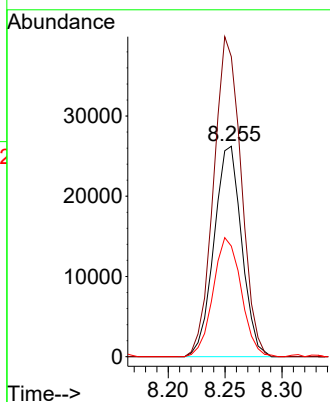
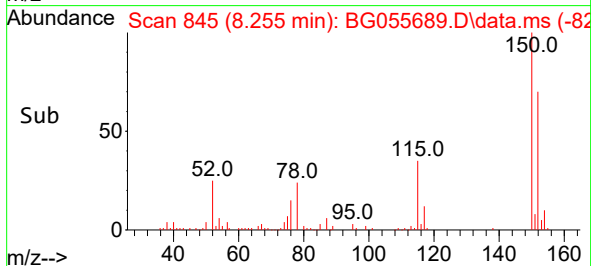
Instrument :
BNA_G
ClientSampleId :
MW-14



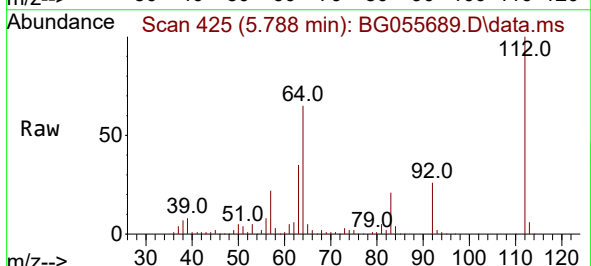
Tgt Ion:152 Resp: 44397
Ion Ratio Lower Upper
152 100
150 142.6 123.0 184.6
115 52.6 47.0 70.4

Manual Integrations
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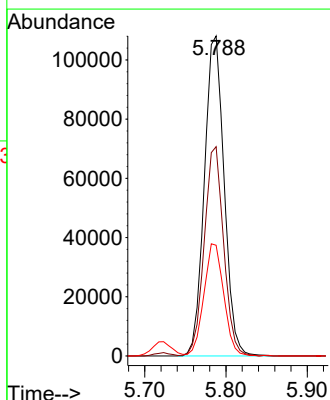
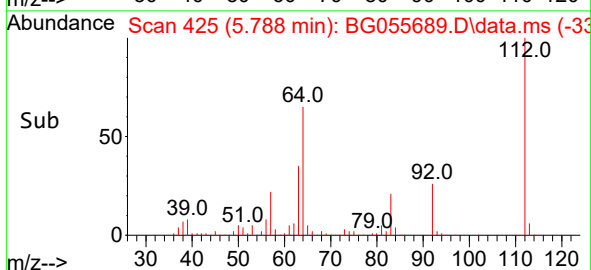
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

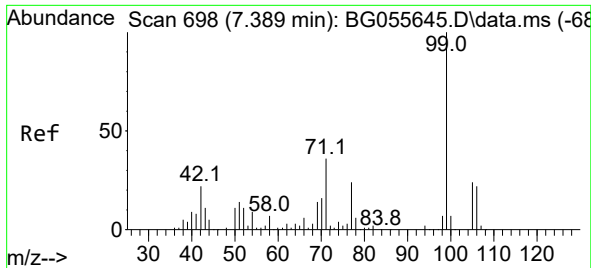


#5
2-Fluorophenol
Concen: 74.390 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.009 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



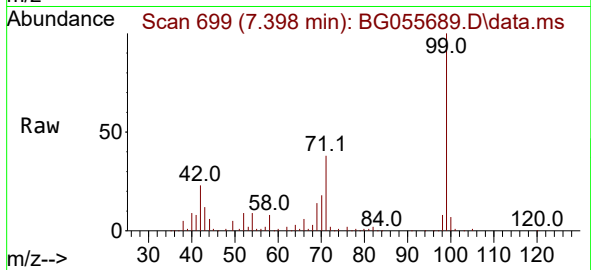
Tgt Ion:112 Resp: 182720
Ion Ratio Lower Upper
112 100
64 65.4 50.6 76.0
63 34.6 27.5 41.3





#7
Phenol-d6
Concen: 58.855 ng
RT: 7.398 min Scan# 698
Delta R.T. 0.009 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

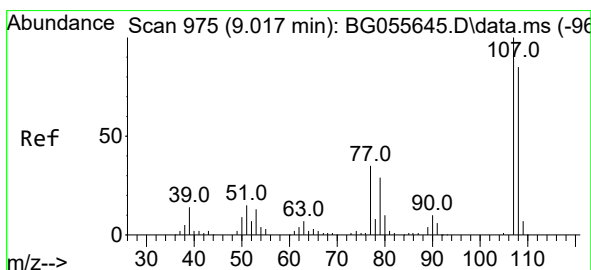
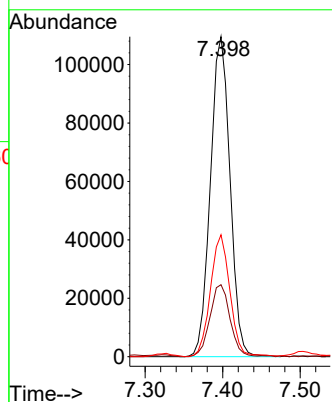
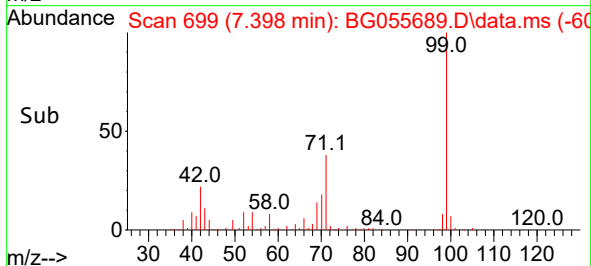
Instrument :
BNA_G
ClientSampleId :
MW-14



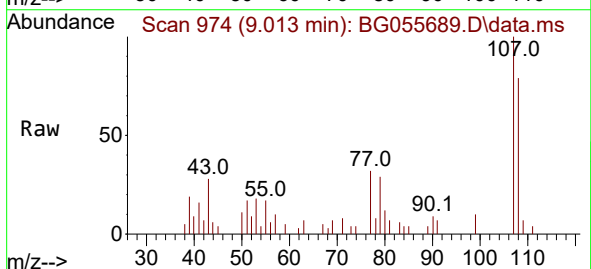
Tgt Ion: 99 Resp: 192435
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 38.1 29.0 43.6

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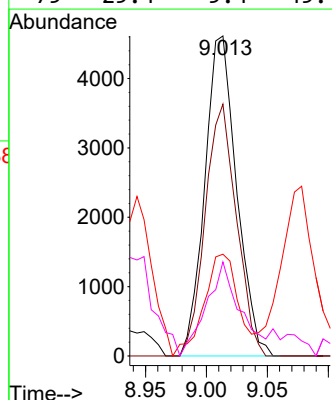
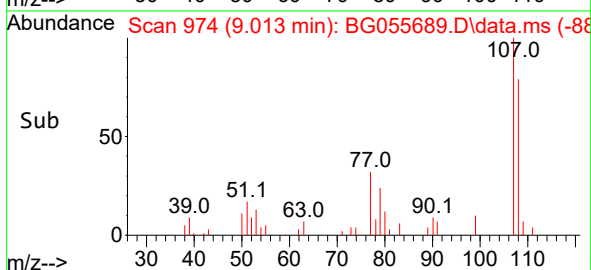
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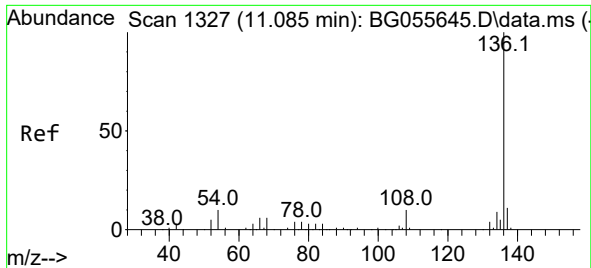


#20
3+4-Methylphenols
Concen: 2.313 ng
RT: 9.013 min Scan# 974
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



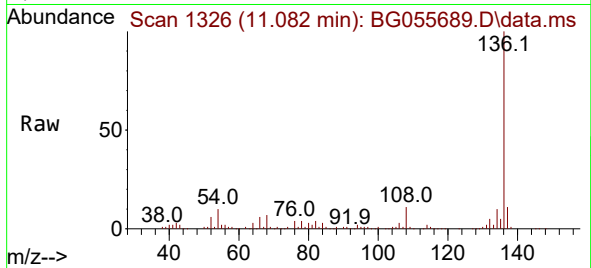
Tgt Ion:107 Resp: 8397
Ion Ratio Lower Upper
107 100
108 78.7 65.5 105.5
77 31.8 14.6 54.6
79 29.4 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 11082
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

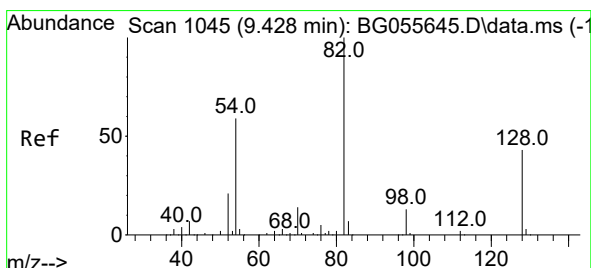
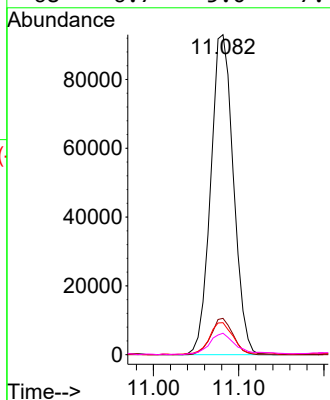
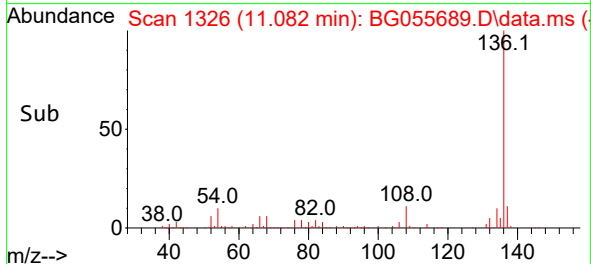
Instrument :
BNA_G
ClientSampleId :
MW-14



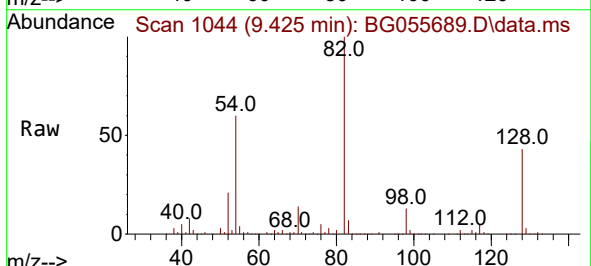
Tgt Ion:136 Resp: 17225
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.0 7.8 11.6
68 6.7 5.0 7.4

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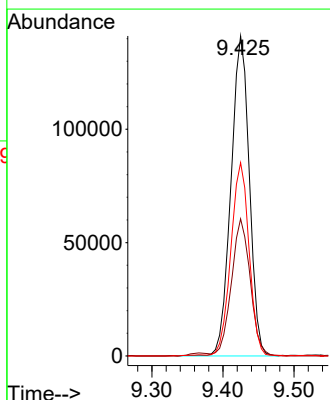
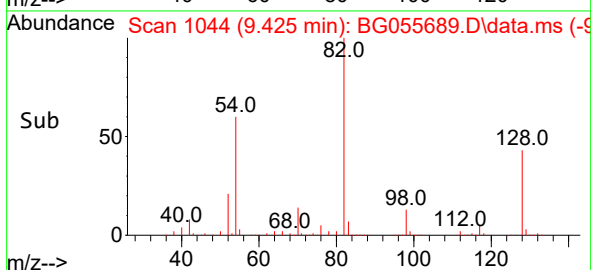
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

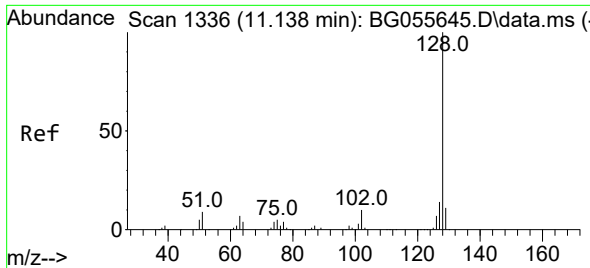


#23
Nitrobenzene-d5
Concen: 77.664 ng
RT: 9.425 min Scan# 1044
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



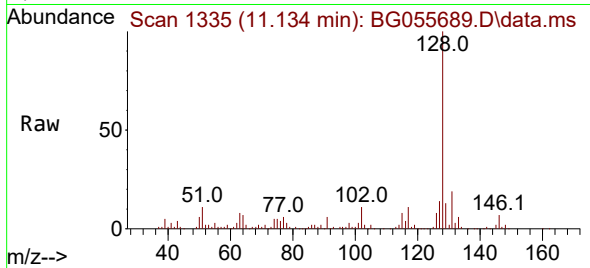
Tgt Ion: 82 Resp: 253108
Ion Ratio Lower Upper
82 100
128 42.8 34.1 51.1
54 60.4 47.3 70.9





#31
Naphthalene
Concen: 15.101 ng
RT: 11.134 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

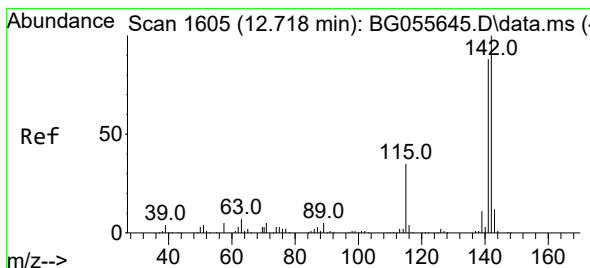
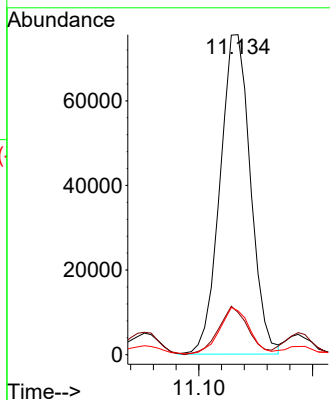
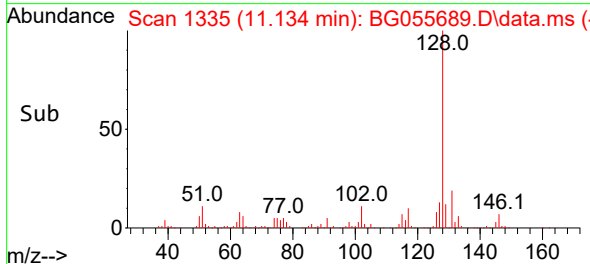
Instrument :
BNA_G
ClientSampleId :
MW-14



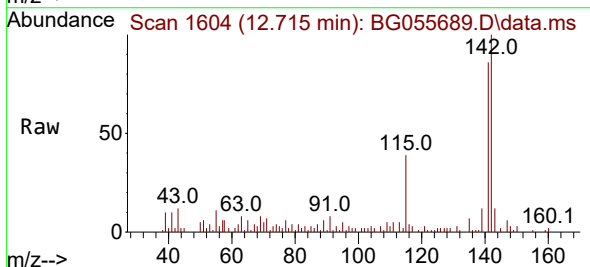
Tgt Ion:128 Resp: 140618
Ion Ratio Lower Upper
128 100
129 13.2 8.7 13.1
127 13.7 10.9 16.3

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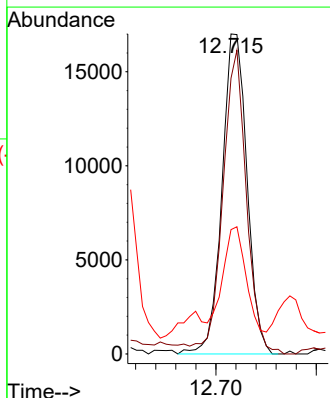
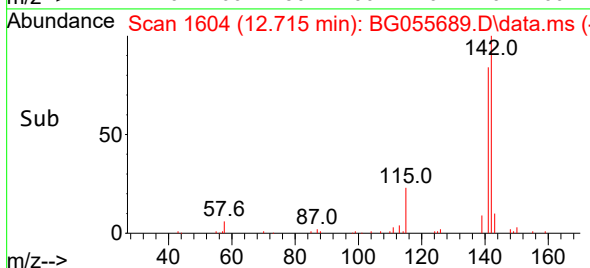
Reviewed By :Christian Giraldo 11/21/2022
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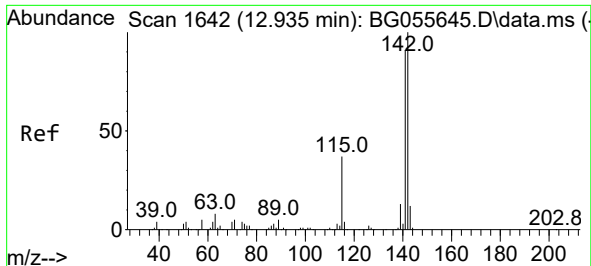


#37
2-Methylnaphthalene
Concen: 4.214 ng
RT: 12.715 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



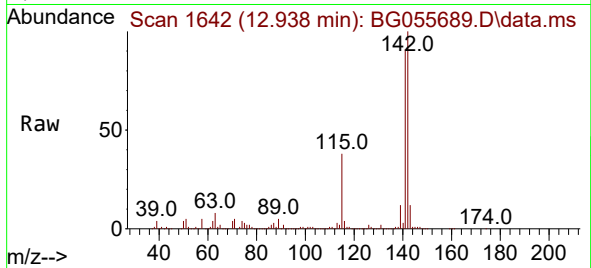
Tgt Ion:142 Resp: 29382
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
115 38.9 27.9 41.9





#38
1-Methylnaphthalene
Concen: 61.839 ng
RT: 12.938 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

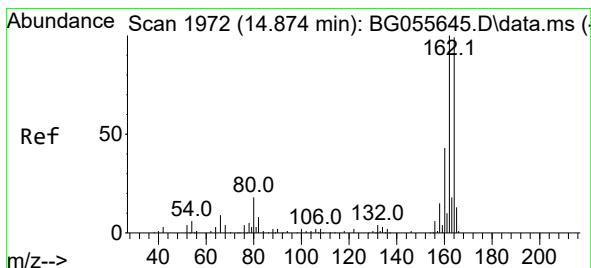
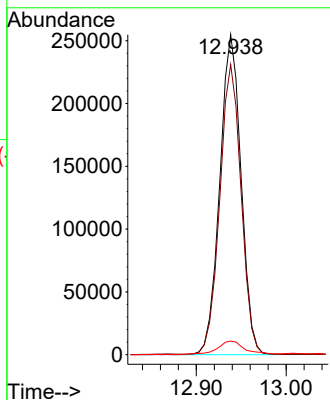
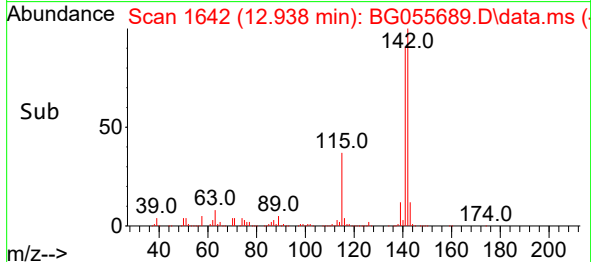
Instrument :
BNA_G
ClientSampleId :
MW-14



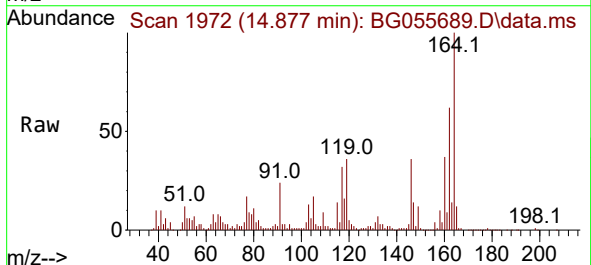
Tgt Ion:142 Resp: 41855
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.4
116 4.3 3.1 4.7

Manual Integrations
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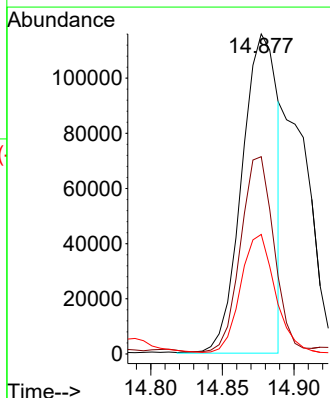
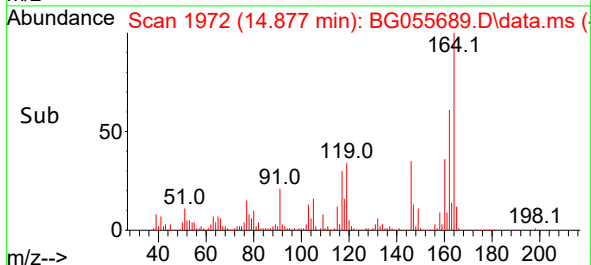
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

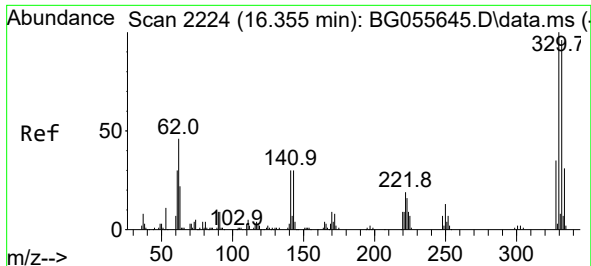


#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.877 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



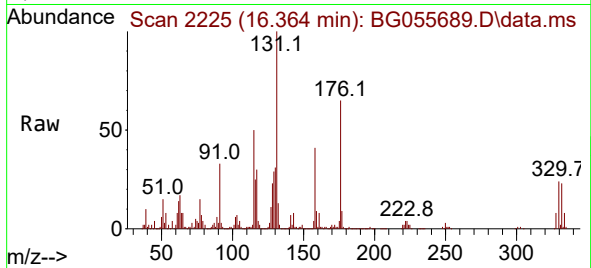
Tgt Ion:164 Resp: 200389
Ion Ratio Lower Upper
164 100
162 61.7 81.1 121.7#
160 37.3 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 60.417 ng
RT: 16.364 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

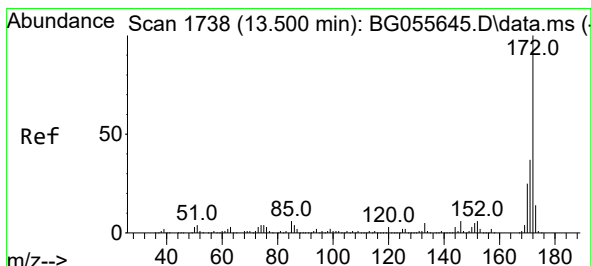
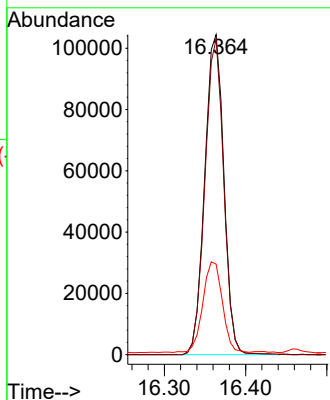
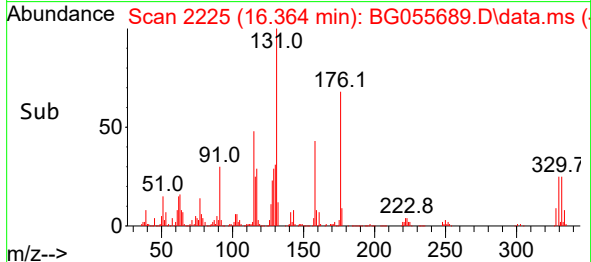
Instrument :
BNA_G
ClientSampleId :
MW-14



Tgt Ion: 330 Resp: 17048
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.3 23.9 35.9

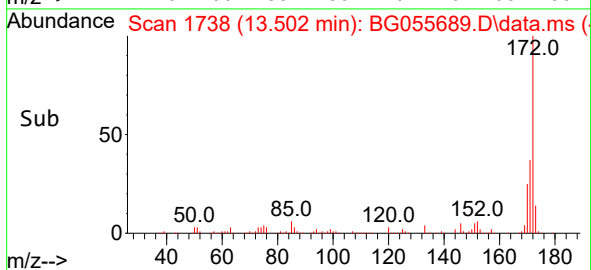
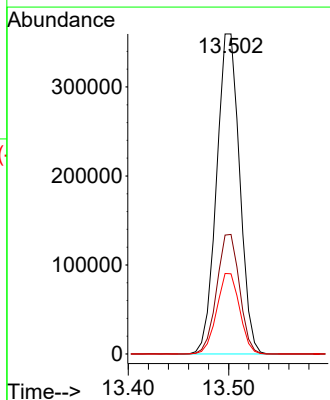
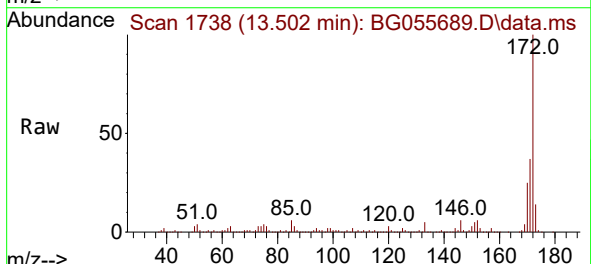
Manual Integrations
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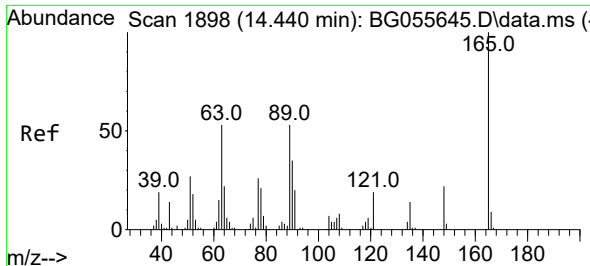
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022



#45
2-Fluorobiphenyl
Concen: 42.837 ng
RT: 13.502 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

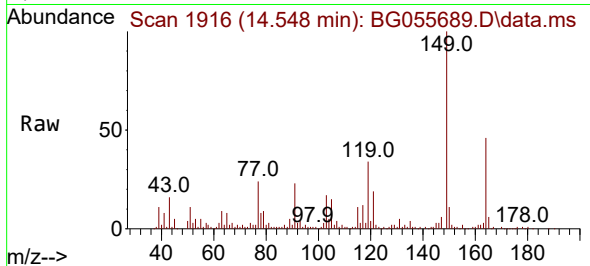
Tgt Ion: 172 Resp: 572988
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.1 20.2 30.4





#51
2,6-Dinitrotoluene
Concen: 2.791 ng
RT: 14.548 min Scan# 1898
Delta R.T. 0.109 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

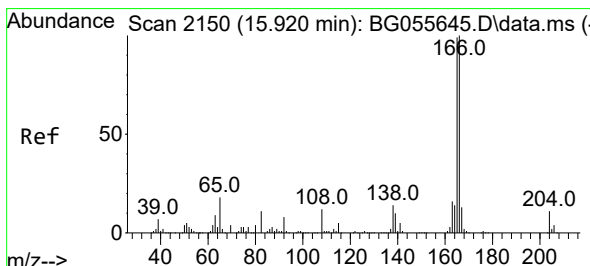
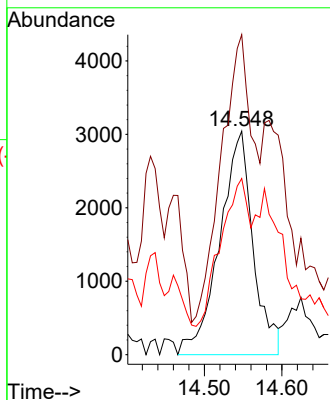
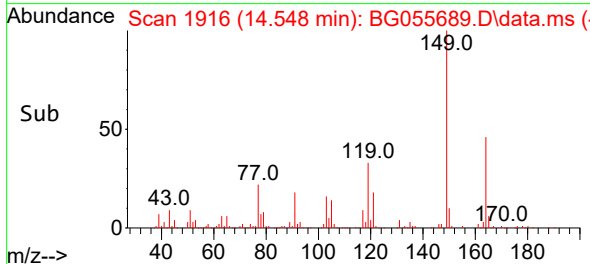
Instrument :
BNA_G
ClientSampleId :
MW-14



Tgt Ion:165 Resp: 911
Ion Ratio Lower Upper
165 100
63 143.2 44.6 66.8
89 78.9 42.2 63.4

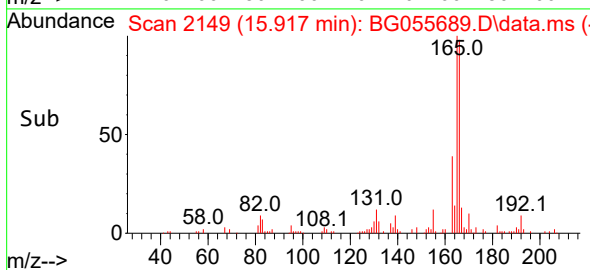
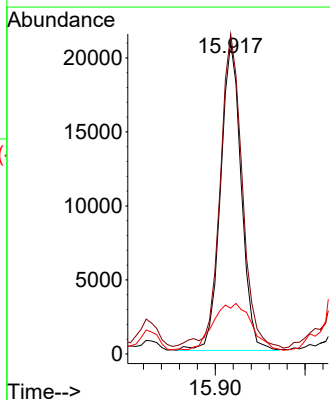
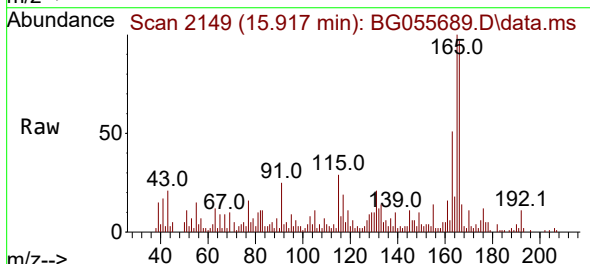
Manual Integrations
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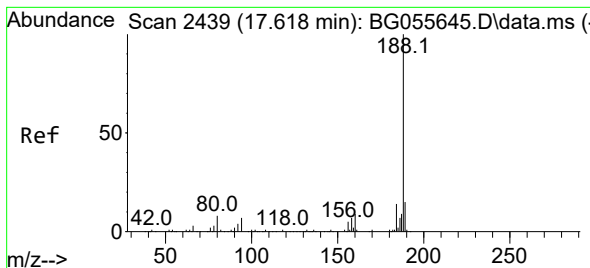
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#58
Fluorene
Concen: 2.214 ng
RT: 15.917 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

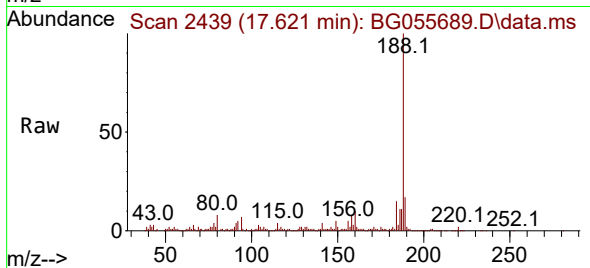
Tgt Ion:166 Resp: 33317
Ion Ratio Lower Upper
166 100
165 102.7 79.3 118.9
167 14.7 10.6 15.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2439
Delta R.T. 0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42

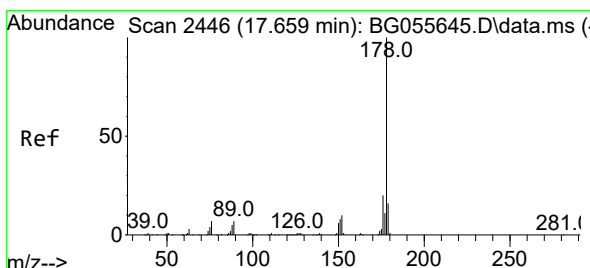
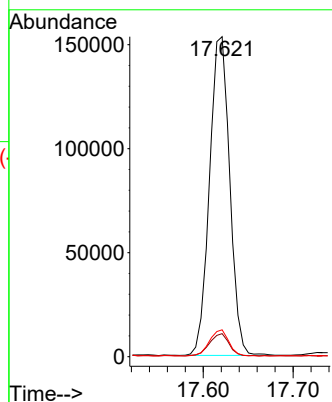
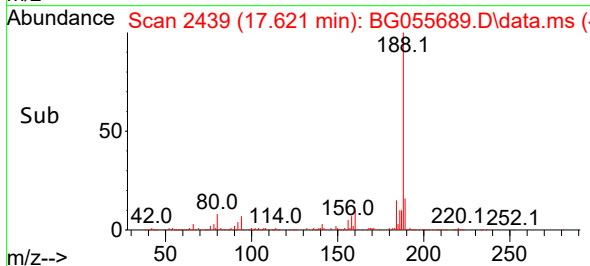
Instrument :
BNA_G
ClientSampleId :
MW-14



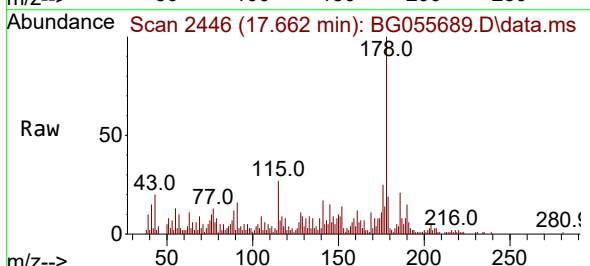
Tgt Ion:188 Resp: 23956
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.4 6.6 10.0

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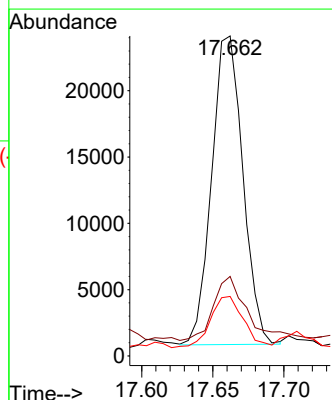
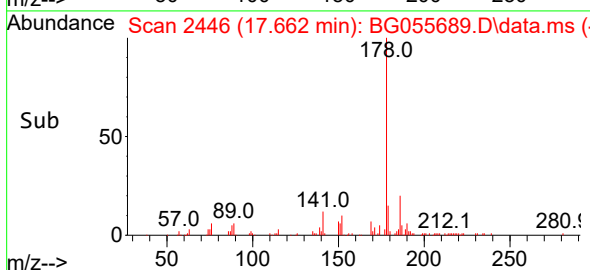
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

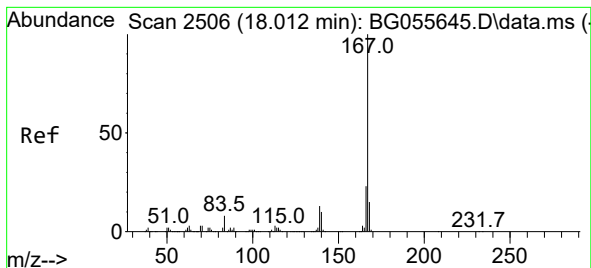


#71
Phenanthrene
Concen: 2.748 ng
RT: 17.662 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BG055689.D
Acq: 18 Nov 2022 13:42



Tgt Ion:178 Resp: 35526
Ion Ratio Lower Upper
178 100
176 24.8 16.0 24.0#
179 18.6 12.7 19.1





#73

Carbazole

Concen: 18.670 ng

RT: 18.021 min Scan# 210820

Delta R.T. 0.009 min

Lab File: BG055689.D

Acq: 18 Nov 2022 13:42

Instrument :

BNA_G

ClientSampleId :

MW-14

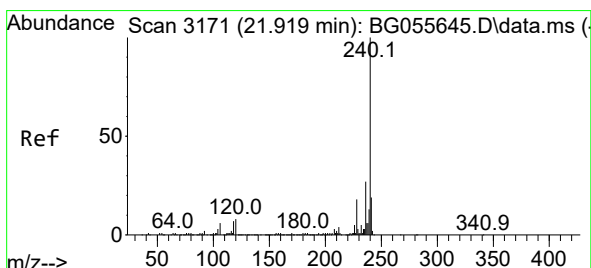
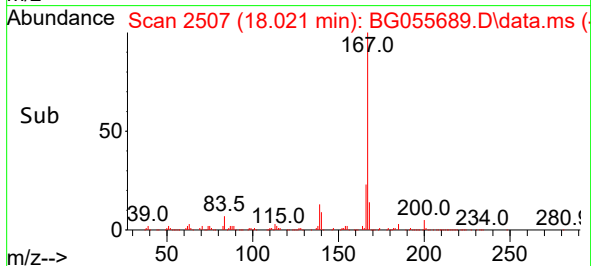
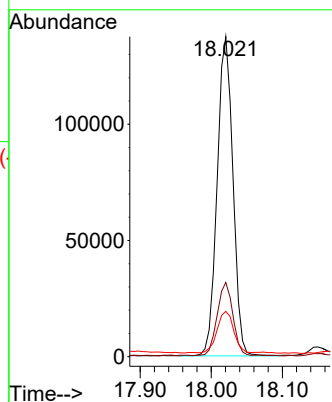
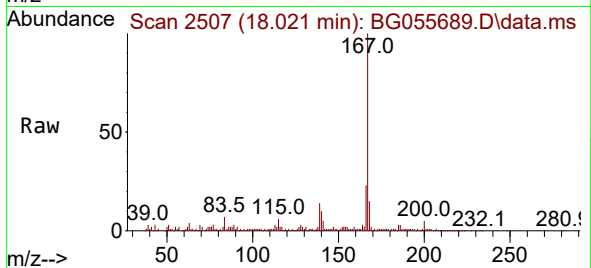
Tgt Ion:167	Resp: 210820
Ion Ratio	Lower Upper
167 100	
166 23.2	18.2 27.2
139 14.2	10.2 15.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#76

Chrysene-d12

Concen: 20.000 ng

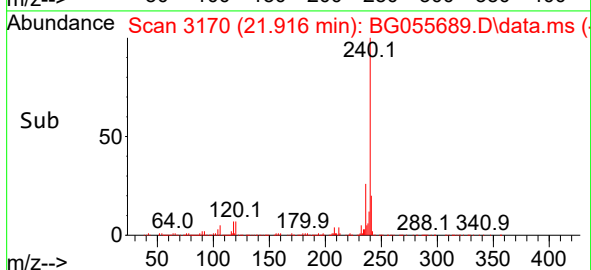
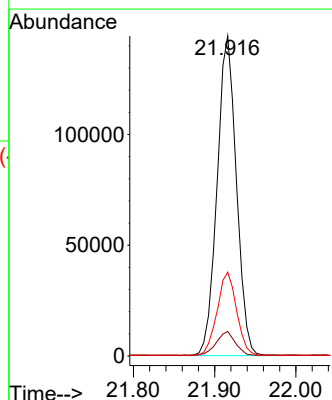
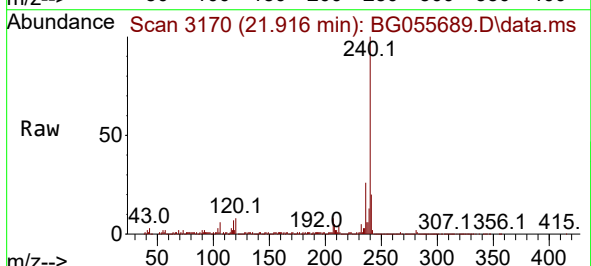
RT: 21.916 min Scan# 3170

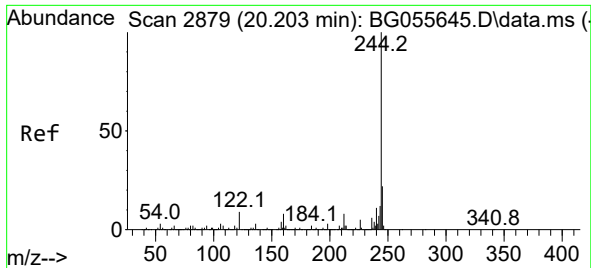
Delta R.T. -0.003 min

Lab File: BG055689.D

Acq: 18 Nov 2022 13:42

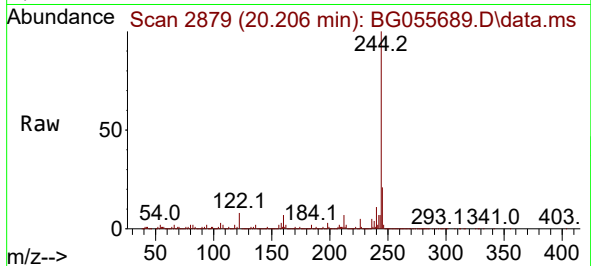
Tgt Ion:240	Resp: 238362
Ion Ratio	Lower Upper
240 100	
120 7.7	6.3 9.5
236 26.2	21.9 32.9





#79
 Terphenyl-d14
 Concen: 53.711 ng
 RT: 20.206 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: BG055689.D
 Acq: 18 Nov 2022 13:42

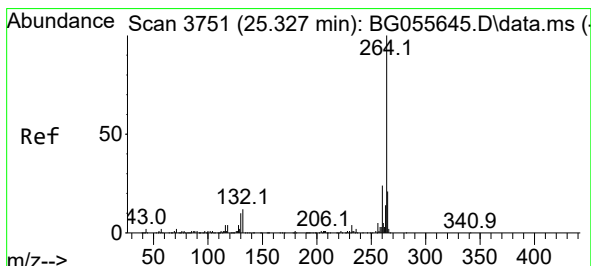
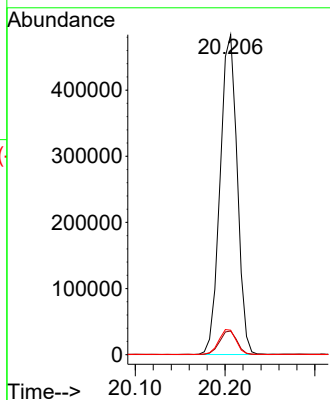
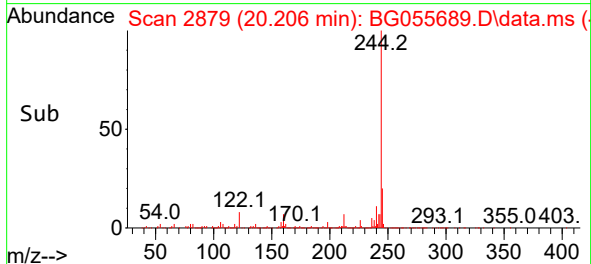
Instrument :
 BNA_G
 ClientSampleId :
 MW-14



Tgt Ion:244 Resp: 640098
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 7.6 6.9 10.3

Manual Integrations
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Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.330 min Scan# 3751
 Delta R.T. 0.003 min
 Lab File: BG055689.D
 Acq: 18 Nov 2022 13:42

Tgt Ion:264 Resp: 252823
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.5 17.1 25.7

