

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054781.D
 Acq On : 29 Aug 2022 21:00
 Operator : CG/JU
 Sample : N4376-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 02:51:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	49942	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	208560	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	137594	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	310274	20.000	ng	0.00
76) Chrysene-d12	21.814	240	300886	20.000	ng	-0.01
86) Perylene-d12	25.180	264	319861	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	183658	64.037	ng	0.01
7) Phenol-d6	7.296	99	151978	38.748	ng	0.00
23) Nitrobenzene-d5	9.323	82	350847	88.311	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	266349	154.915	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	838574	91.602	ng	0.00
79) Terphenyl-d14	20.128	244	1241833	81.777	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.128	122	11074	3.951	ng	Qvalue 94
31) Naphthalene	11.032	128	2508994	224.223	ng	# 93
37) 2-Methylnaphthalene	12.625	142	963125	122.805	ng	99
38) 1-Methylnaphthalene	12.842	142	710692m	93.140	ng	
46) 1,1'-Biphenyl	13.618	154	101077	9.892	ng	97
52) Acenaphthene	14.846	154	21139	2.570	ng	89
55) Dibenzofuran	15.175	168	36882	3.051	ng	# 75
58) Fluorene	15.827	166	45768	4.495	ng	96
71) Phenanthrene	17.566	178	63320	3.831	ng	100
73) Carbazole	17.924	167	32531	2.197	ng	98

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

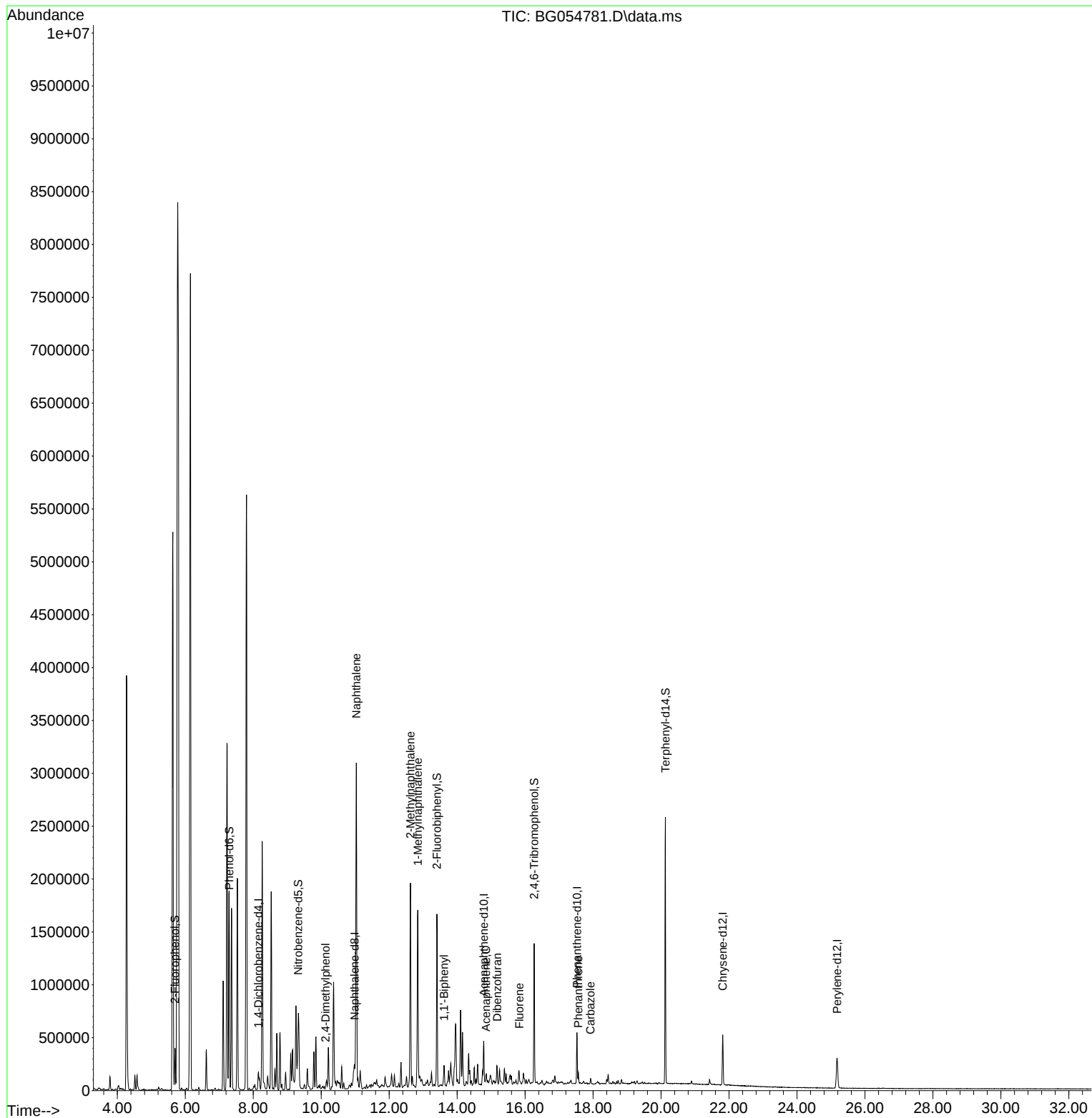
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054781.D
Acq On : 29 Aug 2022 21:00
Operator : CG/JU
Sample : N4376-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

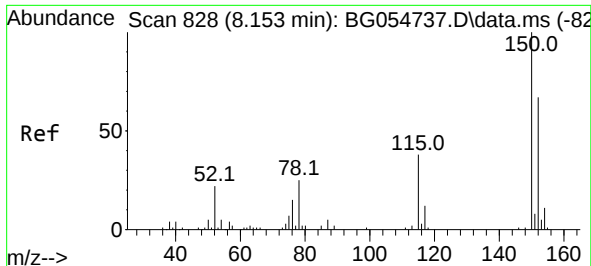
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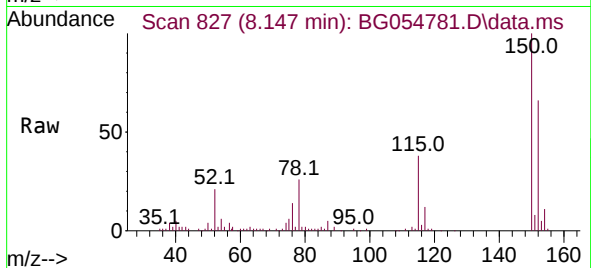
Quant Time: Aug 30 02:51:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.147 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

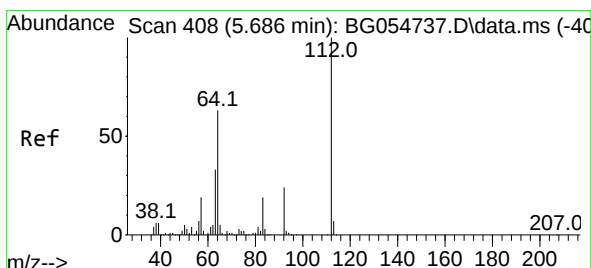
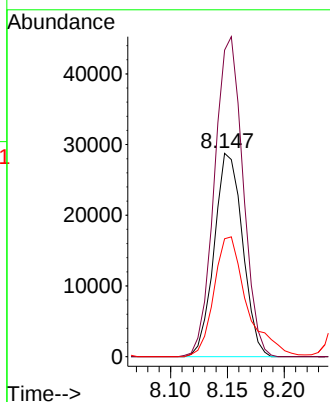
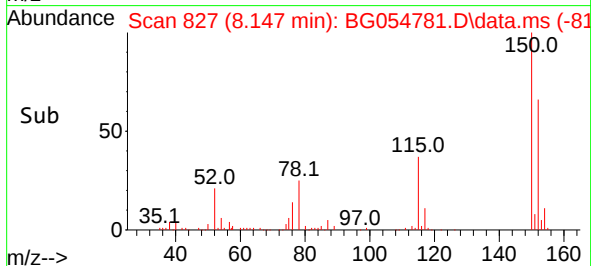
Instrument :
 BNA_G
 ClientSampleId :
 MW-39



Tgt Ion:152 Resp: 49942
 Ion Ratio Lower Upper
 152 100
 150 150.7 125.2 187.8
 115 57.9 47.9 71.9

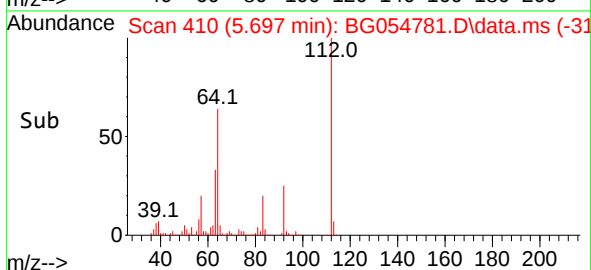
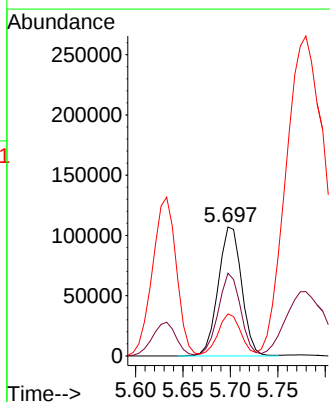
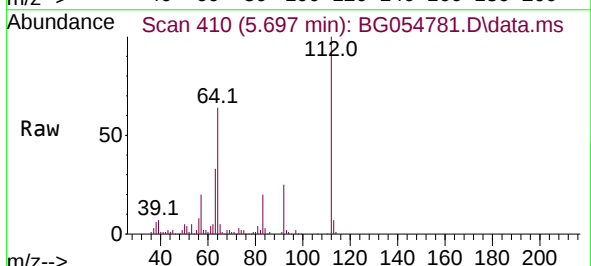
Manual Integrations
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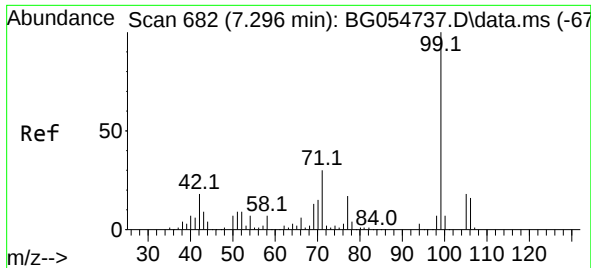
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#5
 2-Fluorophenol
 Concen: 64.037 ng
 RT: 5.697 min Scan# 410
 Delta R.T. 0.012 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

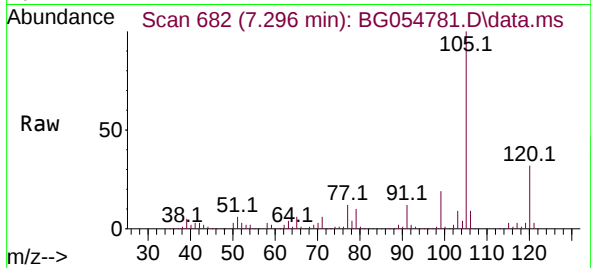
Tgt Ion:112 Resp: 183658
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.3 73.9
 63 32.7 26.3 39.5





#7
Phenol-d6
Concen: 38.748 ng
RT: 7.296 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

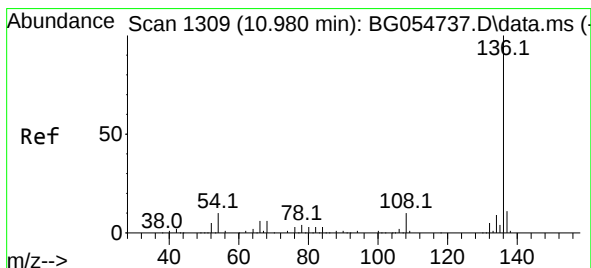
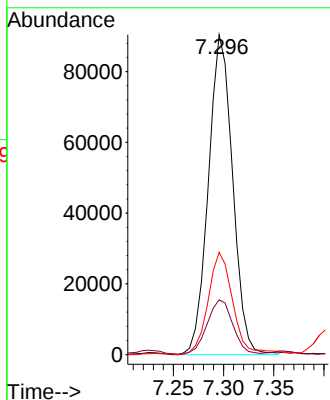
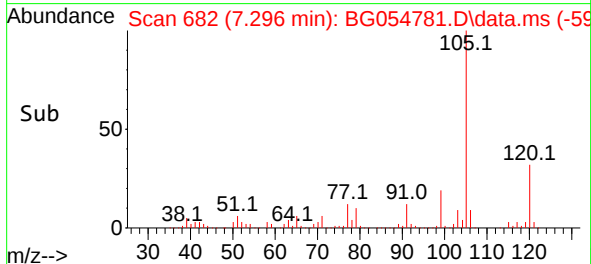
Instrument :
BNA_G
ClientSampleId :
MW-39



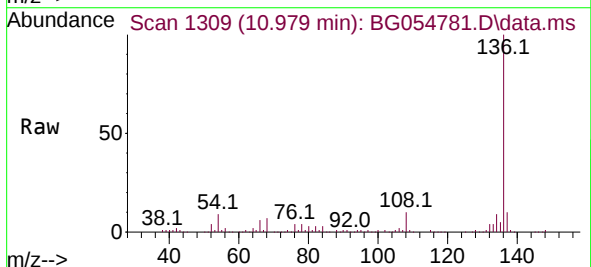
Tgt Ion: 99 Resp: 151978
Ion Ratio Lower Upper
99 100
42 17.1 14.6 22.0
71 31.9 24.6 37.0

Manual Integrations
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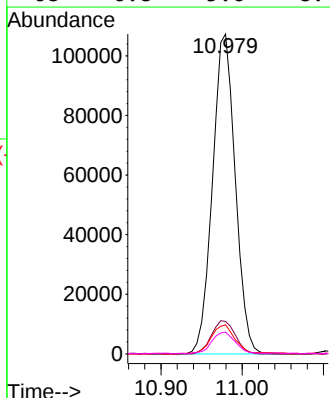
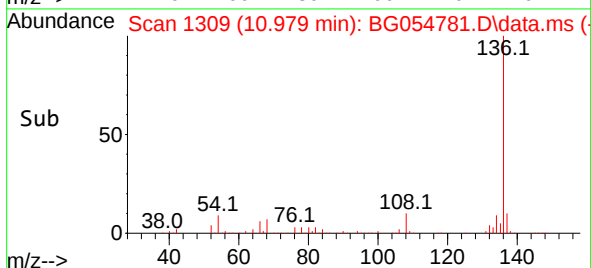
Reviewed By :Christian Giraldo 08/30/2022
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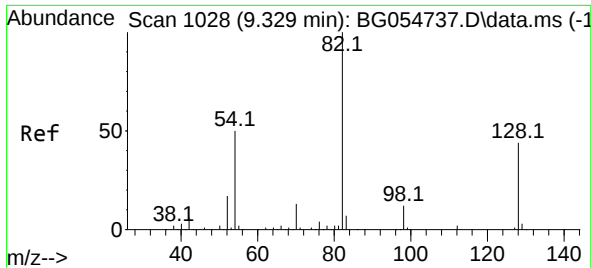


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00



Tgt Ion:136 Resp: 208560
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 9.1 7.7 11.5
68 6.8 5.6 8.4





#23
Nitrobenzene-d5
Concen: 88.311 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

Instrument :

BNA_G

ClientSampleId :

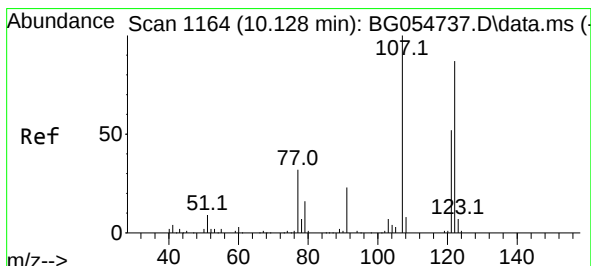
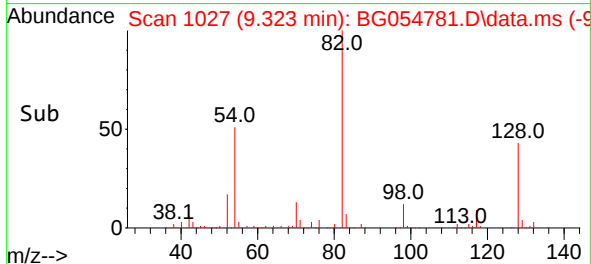
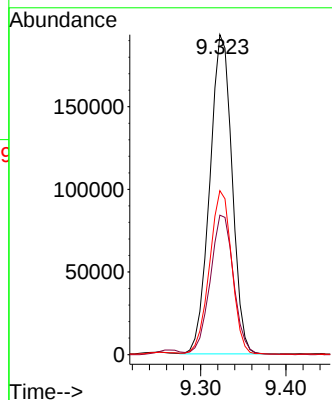
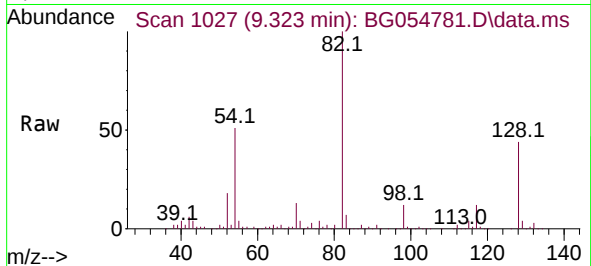
MW-39

Tgt Ion: 82 Resp: 35084
Ion Ratio Lower Upper
82 100
128 43.6 32.2 48.2
54 51.2 41.4 62.0

Manual Integrations

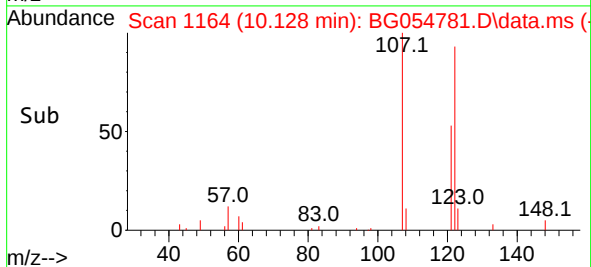
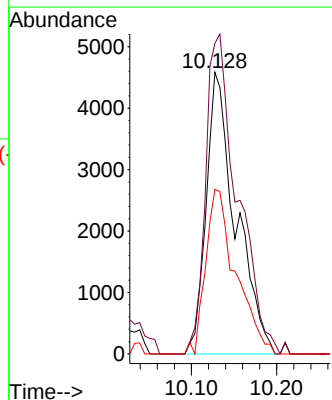
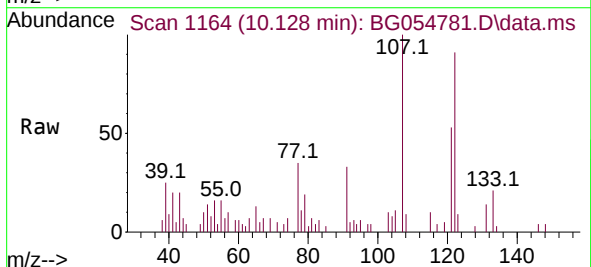
APPROVED

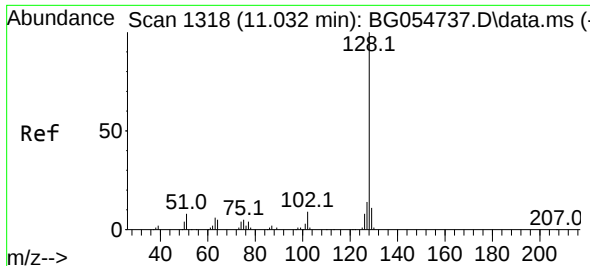
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#27
2,4-Dimethylphenol
Concen: 3.951 ng
RT: 10.128 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

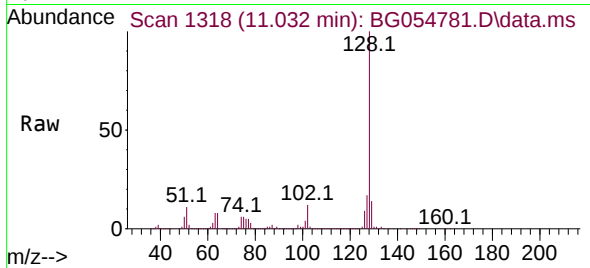
Tgt Ion:122 Resp: 11074
Ion Ratio Lower Upper
122 100
107 110.3 94.6 142.0
121 58.5 49.8 74.6





#31
Naphthalene
Concen: 224.223 ng
RT: 11.032 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

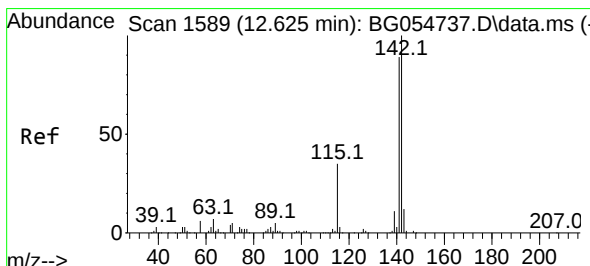
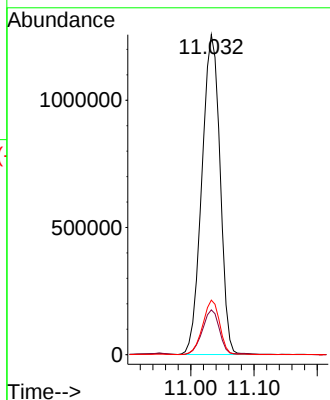
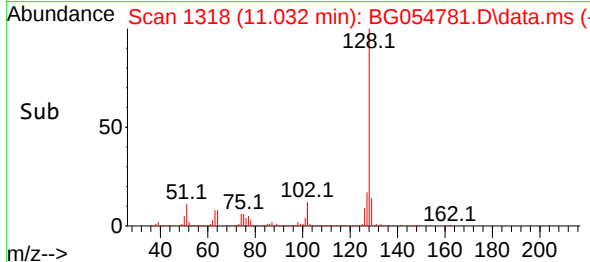
Instrument :
BNA_G
ClientSampleId :
MW-39



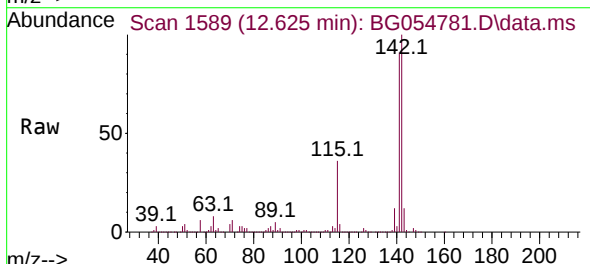
Tgt Ion:128 Resp: 2508994
Ion Ratio Lower Upper
128 100
129 14.0 9.0 13.4
127 17.0 11.1 16.7

Manual Integrations
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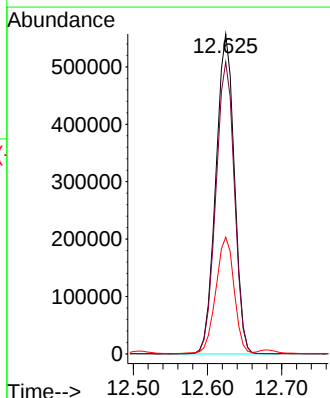
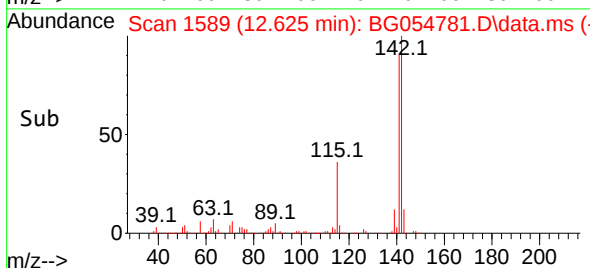
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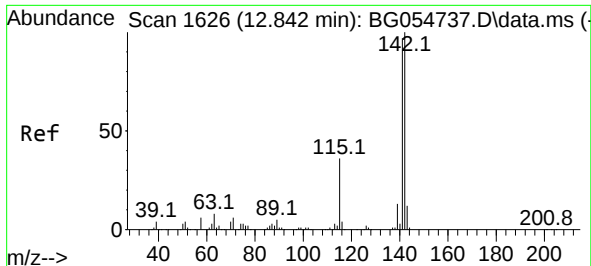


#37
2-Methylnaphthalene
Concen: 122.805 ng
RT: 12.625 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00



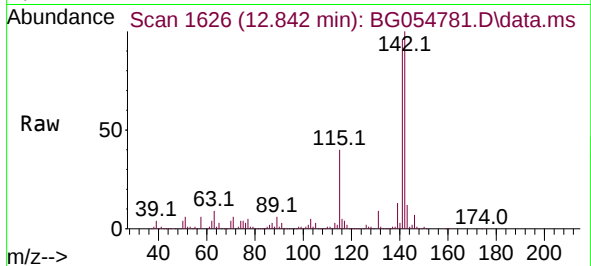
Tgt Ion:142 Resp: 963125
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4
115 36.5 27.3 40.9





#38
1-Methylnaphthalene
Concen: 93.140 ng m
RT: 12.842 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

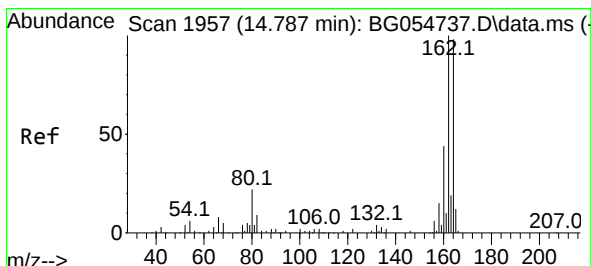
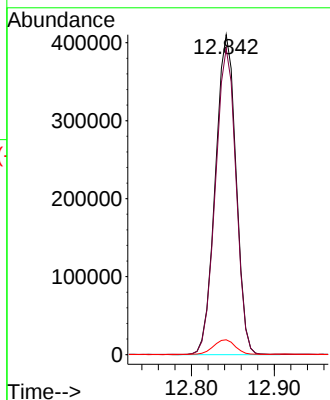
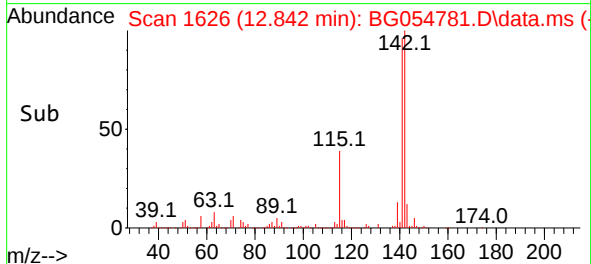
Instrument :
BNA_G
ClientSampleId :
MW-39



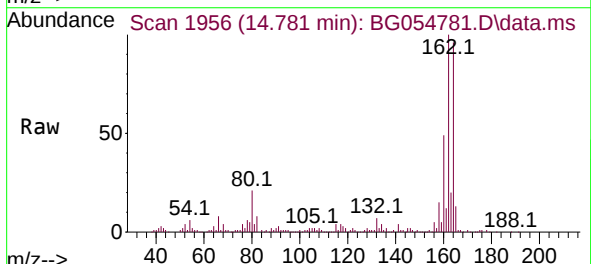
Tgt Ion:142 Resp: 710692
Ion Ratio Lower Upper
142 100
141 95.6 77.4 116.0
116 4.6 3.0 4.4

Manual Integrations
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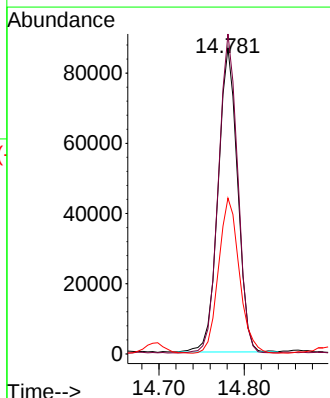
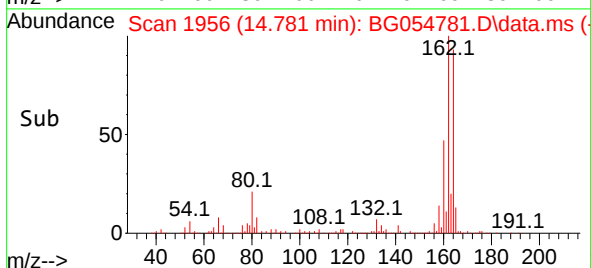
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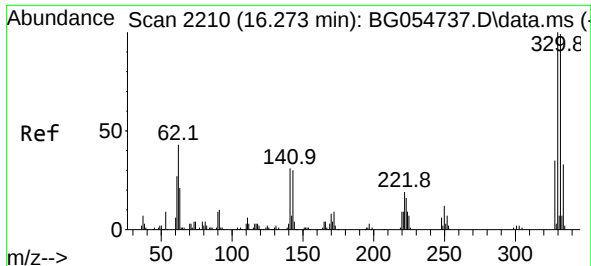


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00



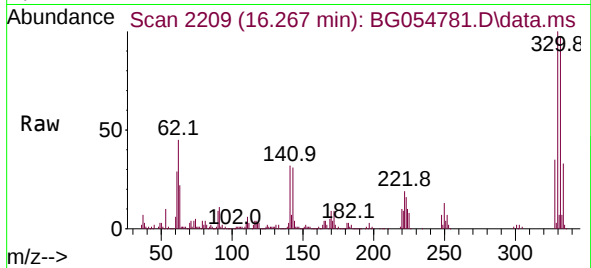
Tgt Ion:164 Resp: 137594
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.4
160 50.9 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 154.915 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

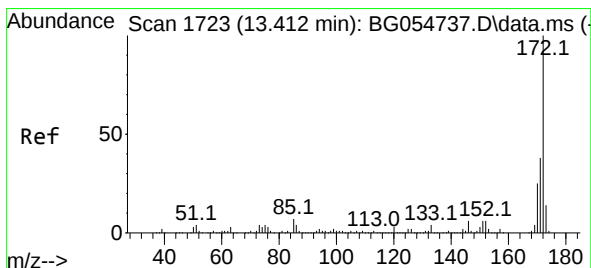
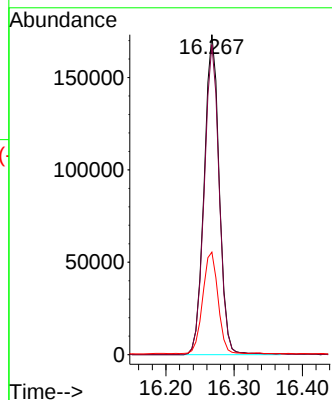
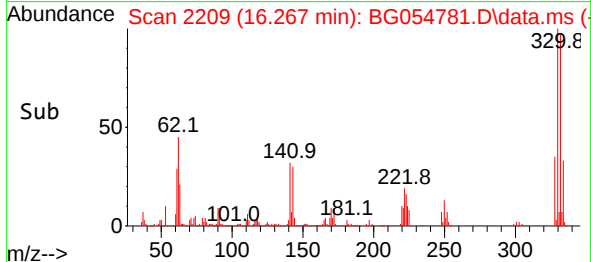
Instrument :
BNA_G
ClientSampleId :
MW-39



Tgt Ion:330 Resp: 266349
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 32.0 26.8 40.2

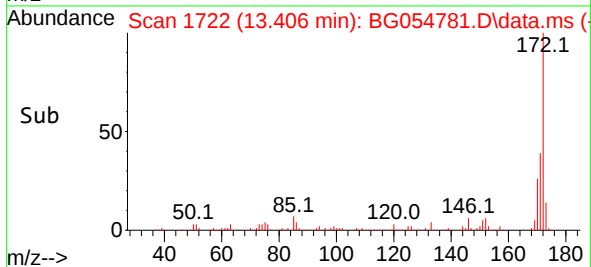
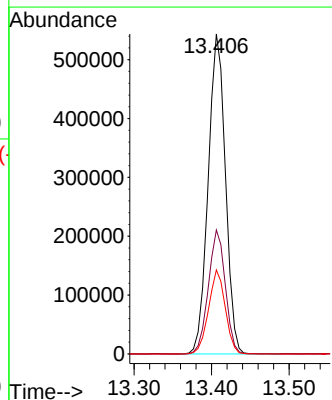
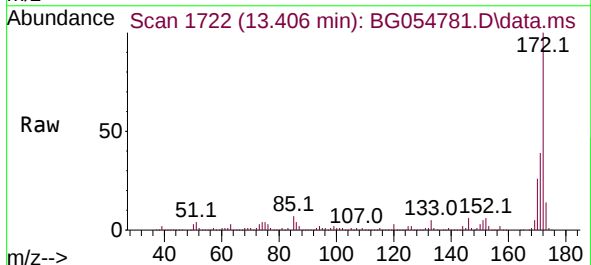
Manual Integrations
APPROVED

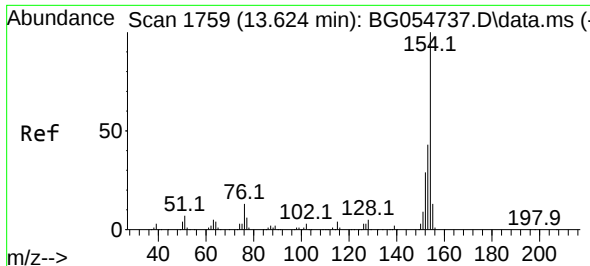
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#45
2-Fluorobiphenyl
Concen: 91.602 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

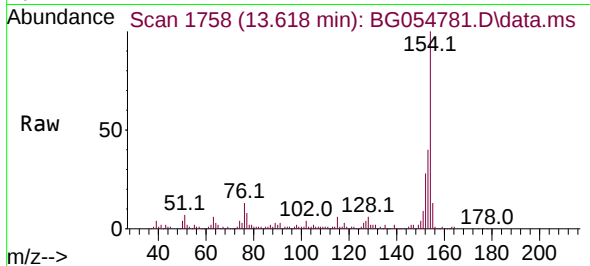
Tgt Ion:172 Resp: 838574
Ion Ratio Lower Upper
172 100
171 38.7 31.2 46.8
170 26.2 20.6 30.8





#46
1,1'-Biphenyl
Concen: 9.892 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

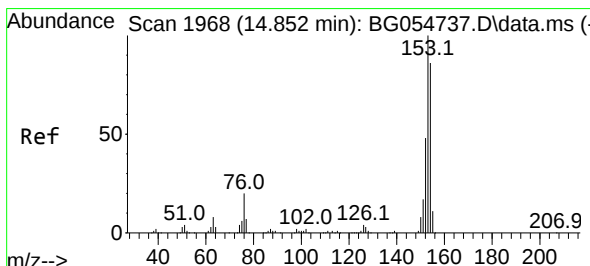
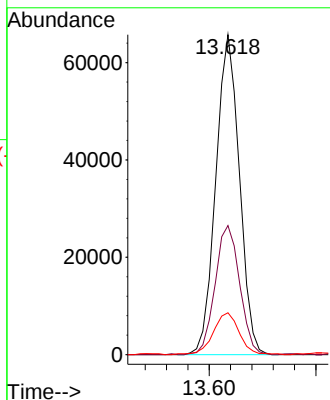
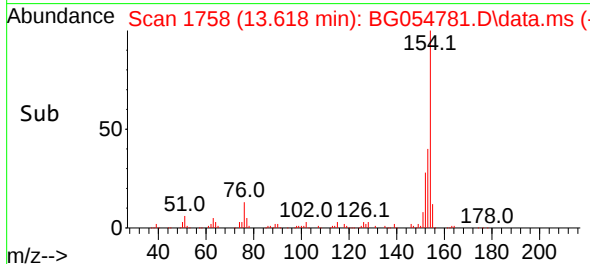
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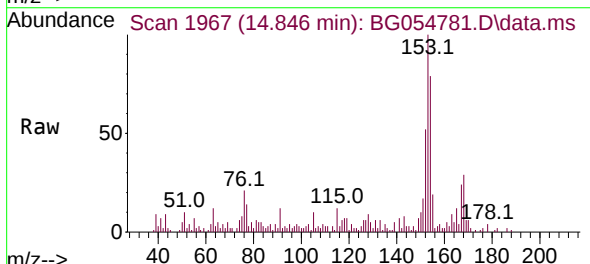
Tgt Ion:154 Resp: 101072
Ion Ratio Lower Upper
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153 40.3 22.2 62.2
76 13.1 0.0 34.0

Manual Integrations
APPROVED

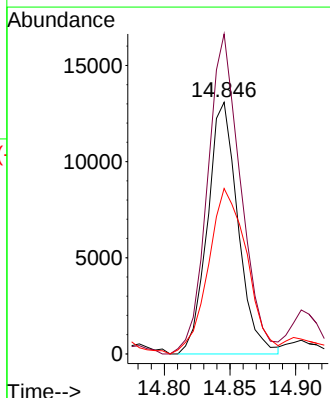
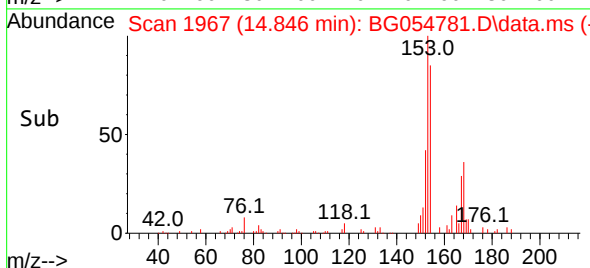
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

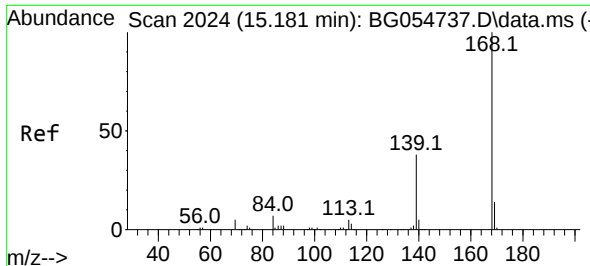


#52
Acenaphthene
Concen: 2.570 ng
RT: 14.846 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00



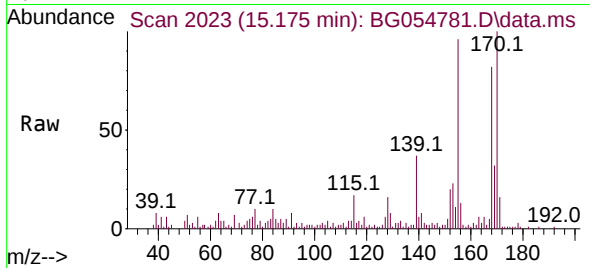
Tgt Ion:154 Resp: 21139
Ion Ratio Lower Upper
154 100
153 127.2 92.8 139.2
152 65.8 45.4 68.2





#55
Dibenzofuran
Concen: 3.051 ng
RT: 15.175 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

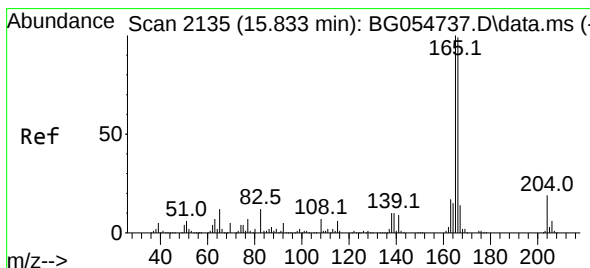
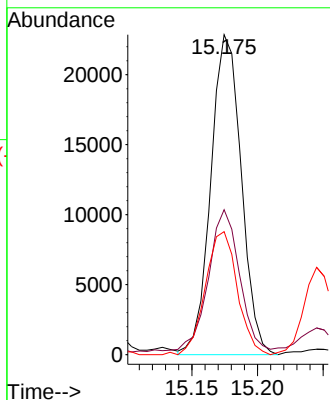
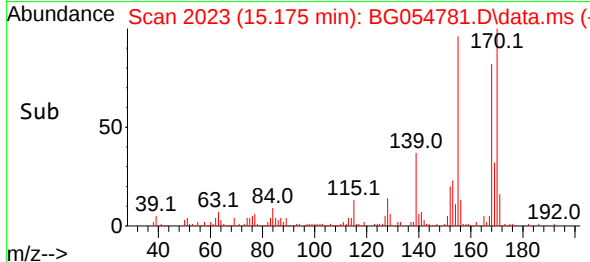
Instrument :
BNA_G
ClientSampleId :
MW-39



Tgt Ion:168 Resp: 3688
Ion Ratio Lower Upper
168 100
139 45.3 30.2 45.2
169 38.4 11.3 16.9

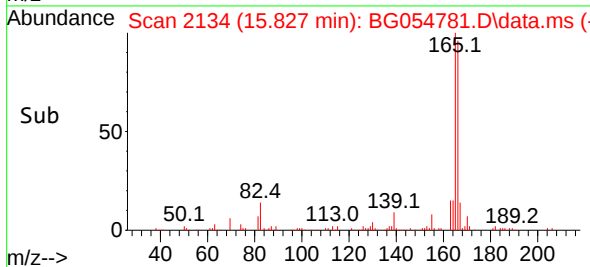
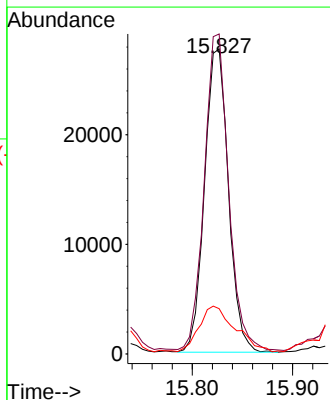
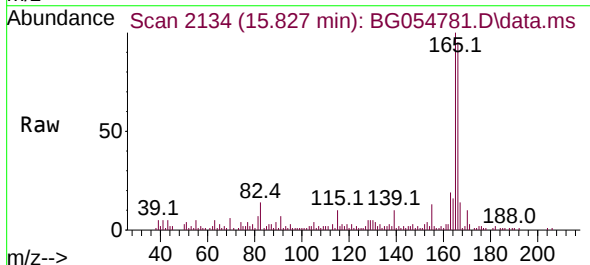
Manual Integrations
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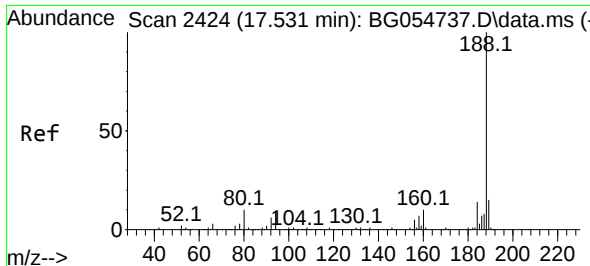
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#58
Fluorene
Concen: 4.495 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

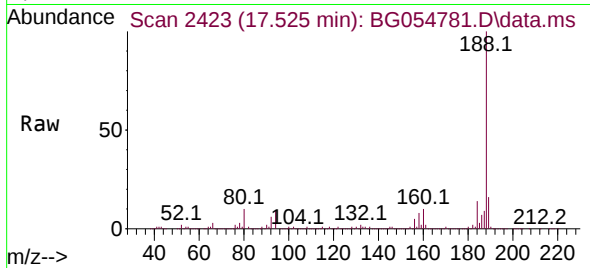
Tgt Ion:166 Resp: 45768
Ion Ratio Lower Upper
166 100
165 104.9 80.8 121.2
167 14.8 11.4 17.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00

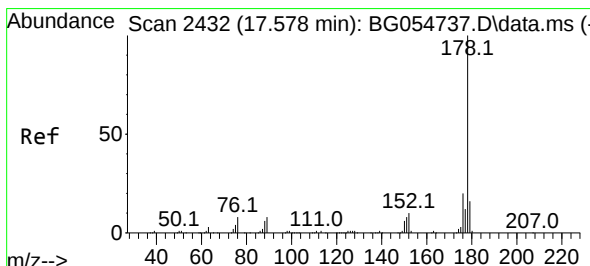
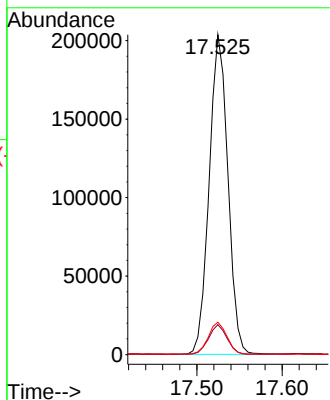
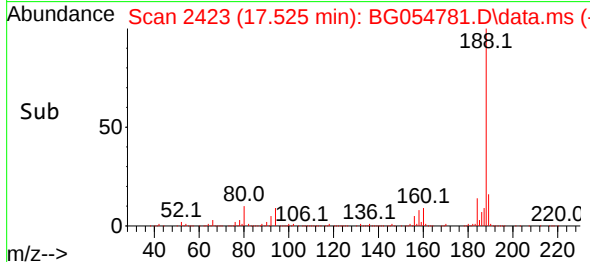
Instrument :
BNA_G
ClientSampleId :
MW-39



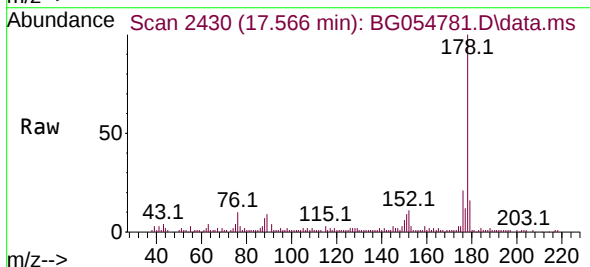
Tgt Ion:188 Resp: 310274
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.1 7.9 11.9

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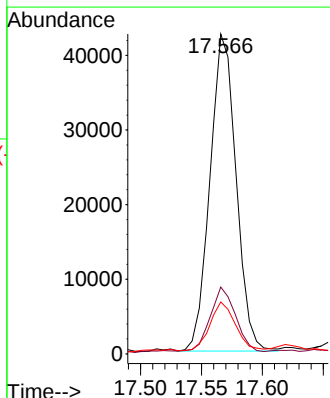
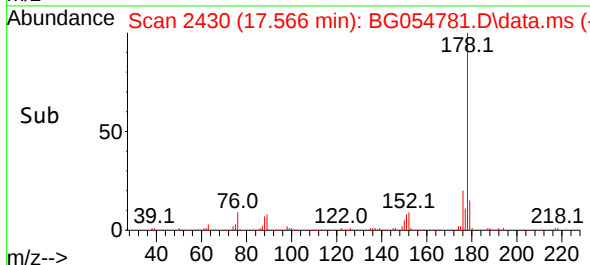
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

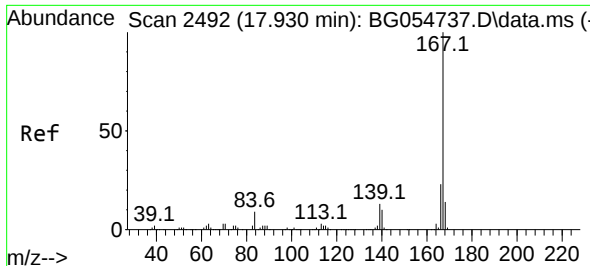


#71
Phenanthrene
Concen: 3.831 ng
RT: 17.566 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BG054781.D
Acq: 29 Aug 2022 21:00



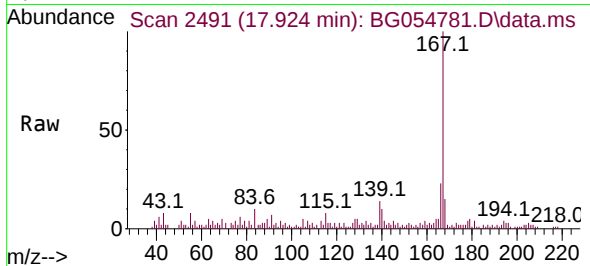
Tgt Ion:178 Resp: 63320
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.2 12.8 19.2





#73
 Carbazole
 Concen: 2.197 ng
 RT: 17.924 min Scan# 2491
 Delta R.T. -0.006 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

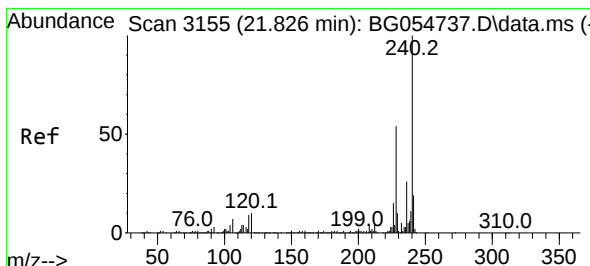
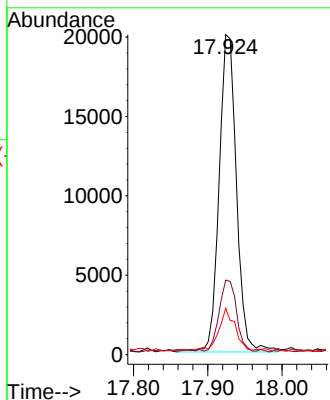
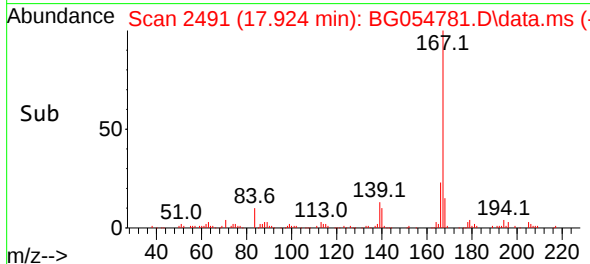
Instrument :
 BNA_G
 ClientSampleId :
 MW-39



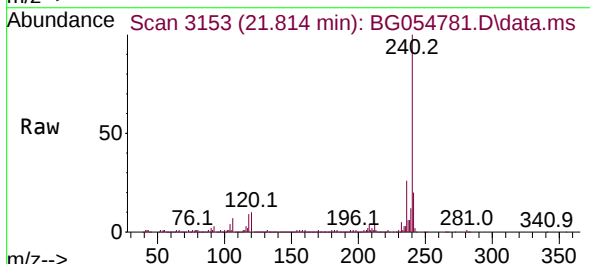
Tgt Ion:167 Resp: 32531
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.8 28.2
 139 14.5 10.2 15.4

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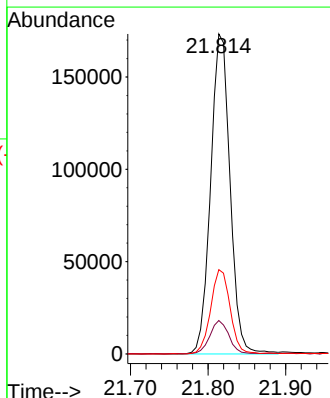
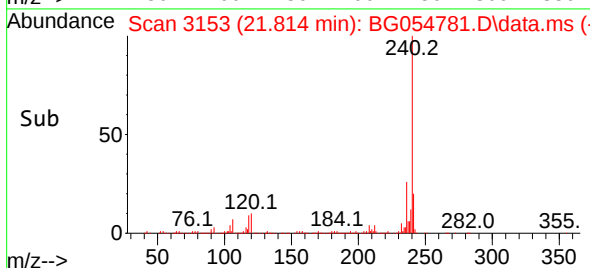
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022

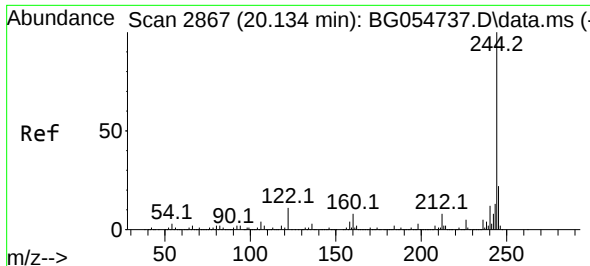


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.814 min Scan# 3153
 Delta R.T. -0.012 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00



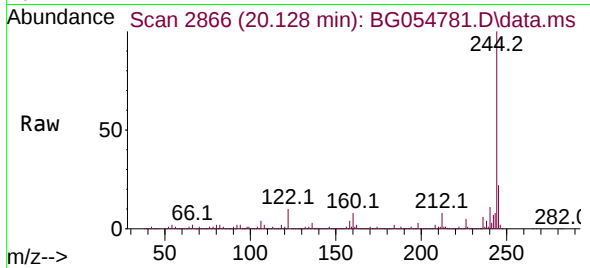
Tgt Ion:240 Resp: 300886
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.2 12.4
 236 26.3 21.2 31.8





#79
 Terphenyl-d14
 Concen: 81.777 ng
 RT: 20.128 min Scan# 2867
 Delta R.T. -0.006 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

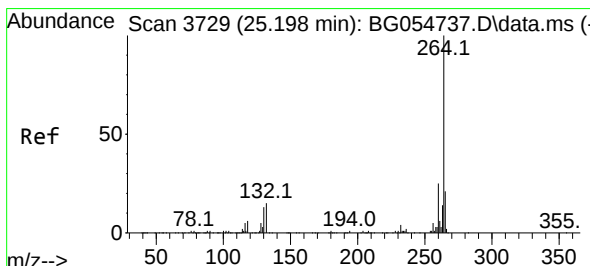
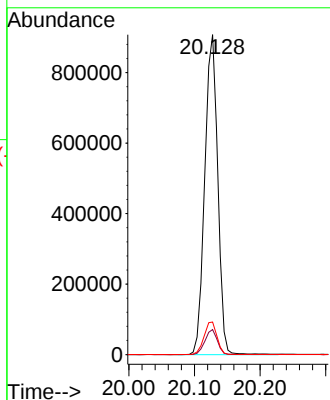
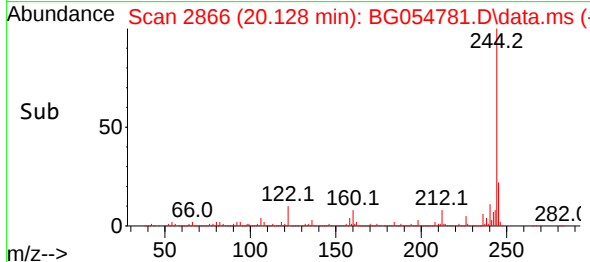
Instrument :
 BNA_G
 ClientSampleId :
 MW-39



Tgt Ion:244 Resp: 1241833
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.2 9.0 13.6

Manual Integrations
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Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3726
 Delta R.T. -0.018 min
 Lab File: BG054781.D
 Acq: 29 Aug 2022 21:00

Tgt Ion:264 Resp: 319861
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.6 16.9 25.3

