

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055306.D
 Acq On : 26 Oct 2022 19:53
 Operator : CG/JU
 Sample : N5222-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/27/2022
 Supervised By : Jagrut Upadhyay 10/27/2022

Quant Time: Oct 27 10:40:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	35566	20.000	ng	0.00
21) Naphthalene-d8	11.105	136	151100	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	115235	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	238915	20.000	ng	0.00
76) Chrysene-d12	21.893	240	230390	20.000	ng	0.00
86) Perylene-d12	25.289	264	237565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	130445	64.220	ng	0.00
7) Phenol-d6	7.416	99	103125	35.044	ng	0.00
23) Nitrobenzene-d5	9.448	82	283081	95.665	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	207693	165.796	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	653807	92.864	ng	0.00
79) Terphenyl-d14	20.189	244	1061607	95.737	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.253	122	28039m	13.311	ng	
31) Naphthalene	11.158	128	1938761	240.521	ng	95
32) Benzoic acid	10.418	122	54274	35.305	ng	89
37) 2-Methylnaphthalene	12.739	142	337534	58.079	ng	99
38) 1-Methylnaphthalene	12.956	142	243329m	42.440	ng	
58) Fluorene	15.923	166	17131	2.001	ng	99
70) Pentachlorophenol	17.269	266	2185	3.970	ng	98
71) Phenanthrene	17.656	178	36531	2.867	ng	97
73) Carbazole	18.015	167	70748	5.905	ng	99

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

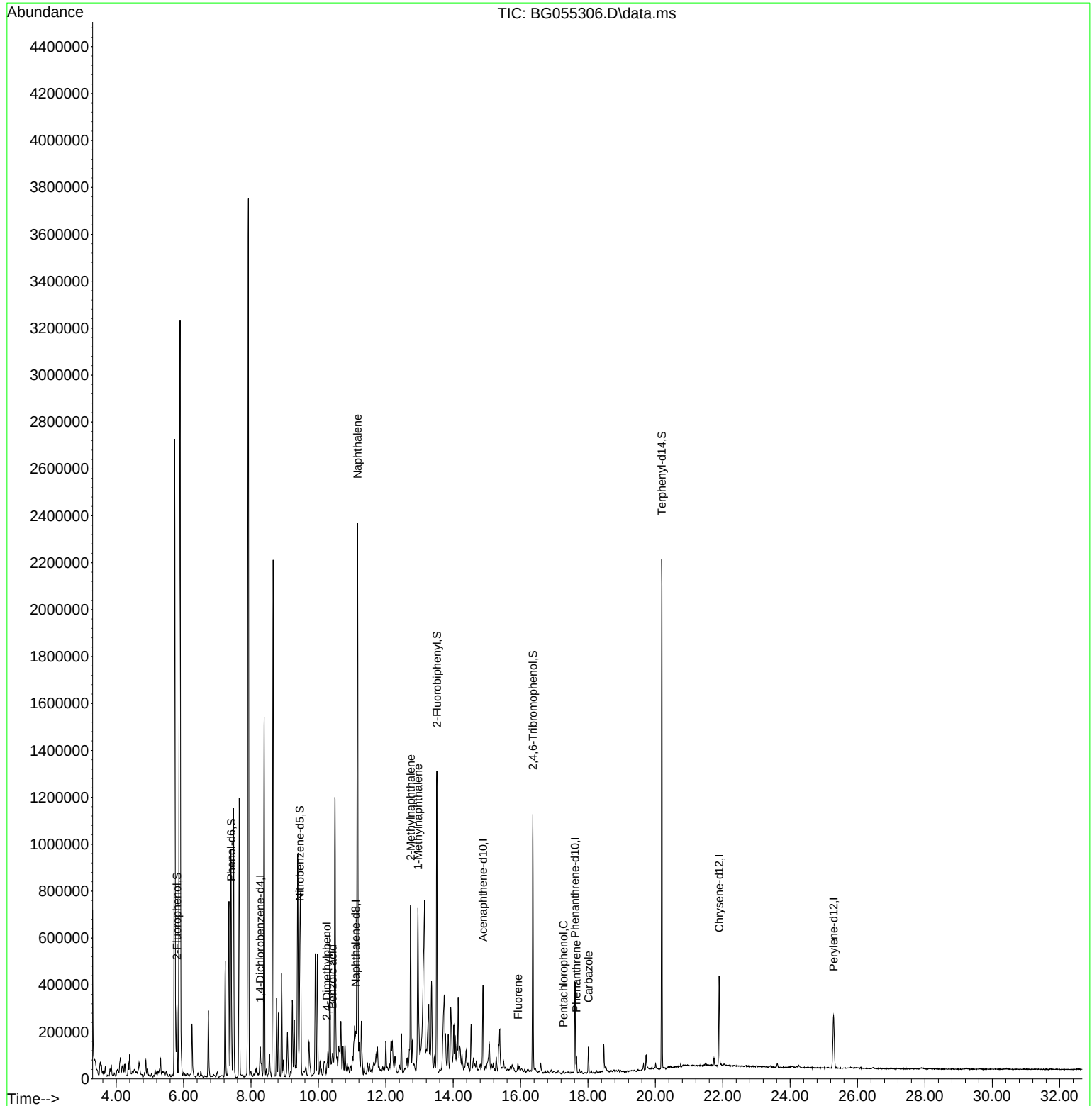
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055306.D
Acq On : 26 Oct 2022 19:53
Operator : CG/JU
Sample : N5222-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

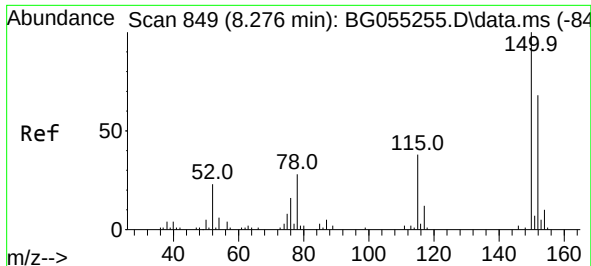
Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Time: Oct 27 10:40:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

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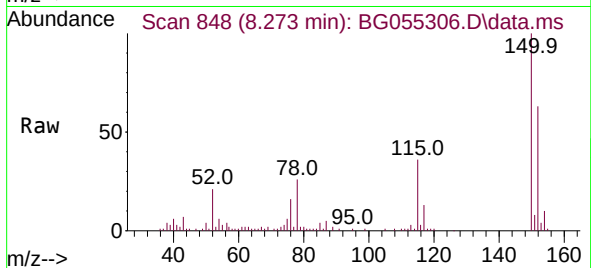
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 849
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

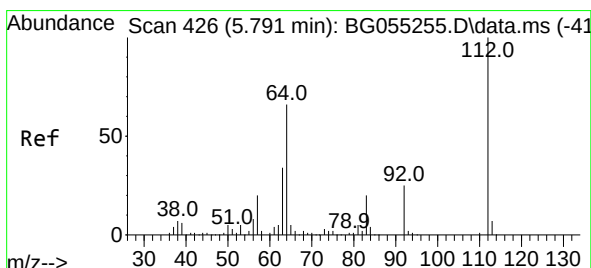
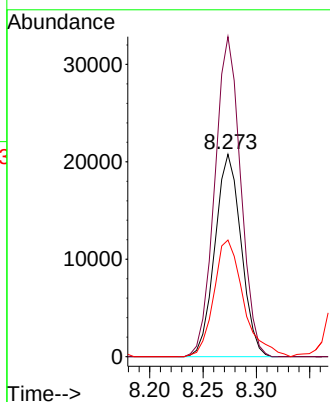
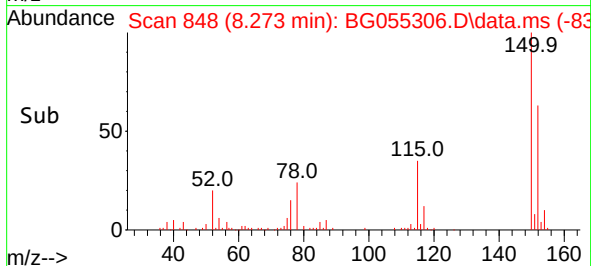
Instrument :
BNA_G
ClientSampleId :
MW-2



Tgt Ion:152 Resp: 35566
Ion Ratio Lower Upper
152 100
150 158.2 118.2 177.4
115 57.6 44.5 66.7

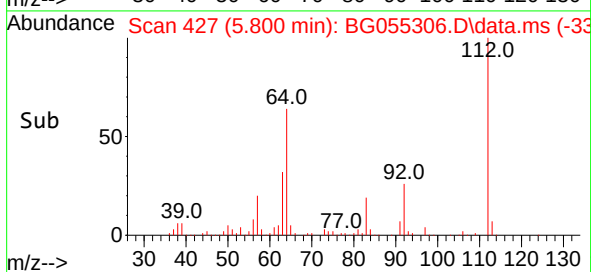
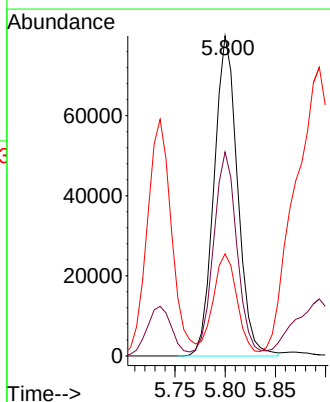
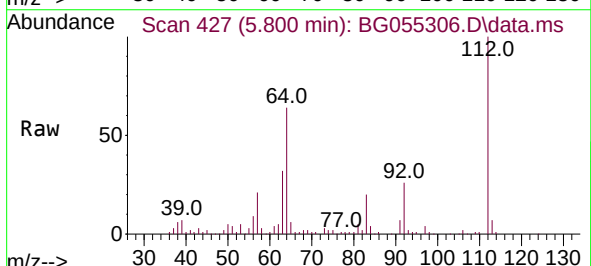
Manual Integrations
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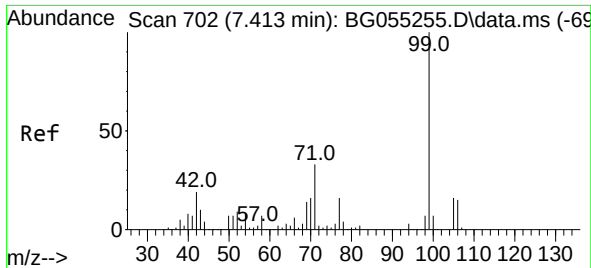
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#5
2-Fluorophenol
Concen: 64.220 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.009 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

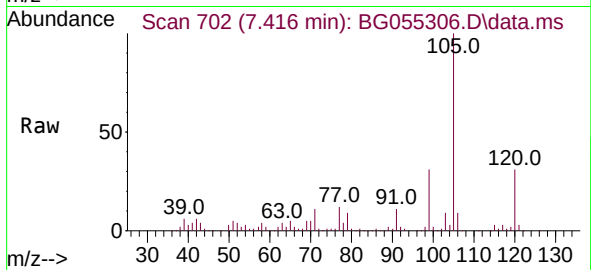
Tgt Ion:112 Resp: 130445
Ion Ratio Lower Upper
112 100
64 63.7 52.6 78.8
63 31.9 27.1 40.7





#7
Phenol-d6
Concen: 35.044 ng
RT: 7.416 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

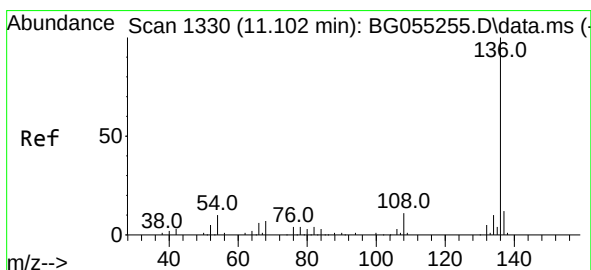
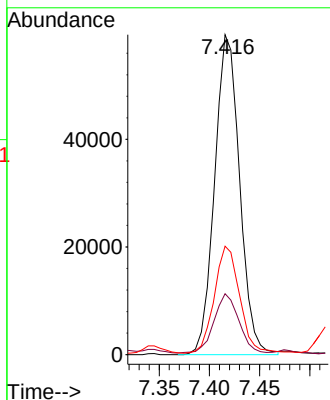
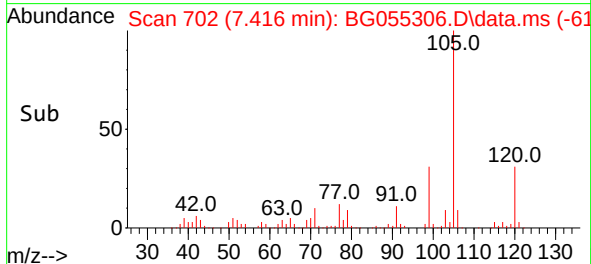
Instrument :
BNA_G
ClientSampleId :
MW-2



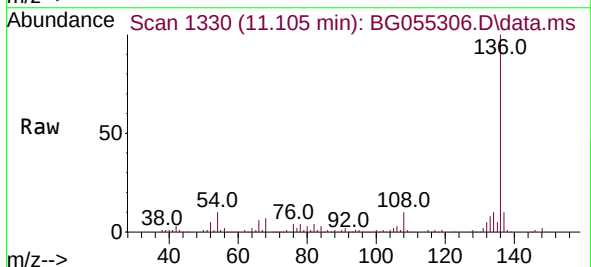
Tgt Ion: 99 Resp: 103125
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 33.9 26.2 39.4

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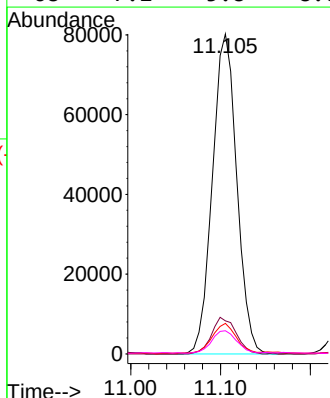
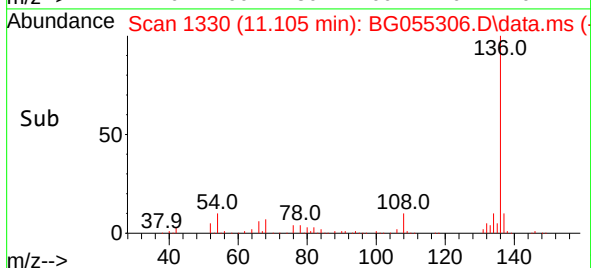
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Supervised By :Jagrut Upadhyay 10/27/2022

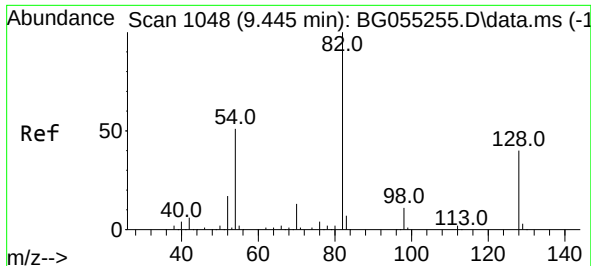


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.105 min Scan# 1330
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



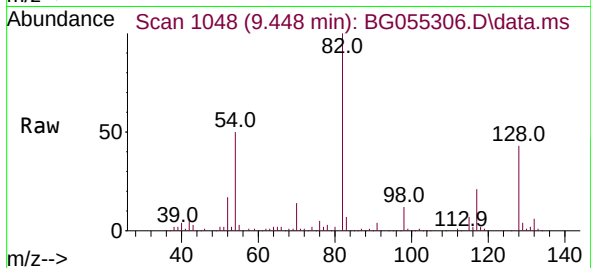
Tgt Ion:136 Resp: 151100
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 9.5 7.8 11.8
68 7.2 5.8 8.6





#23
Nitrobenzene-d5
Concen: 95.665 ng
RT: 9.448 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

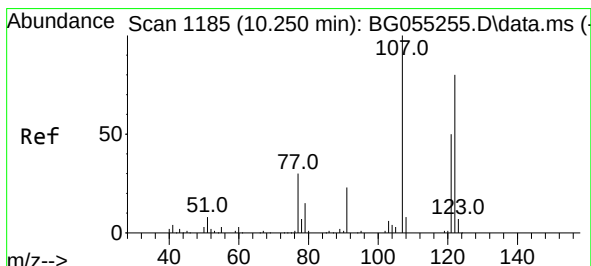
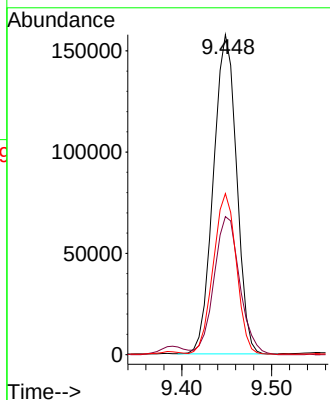
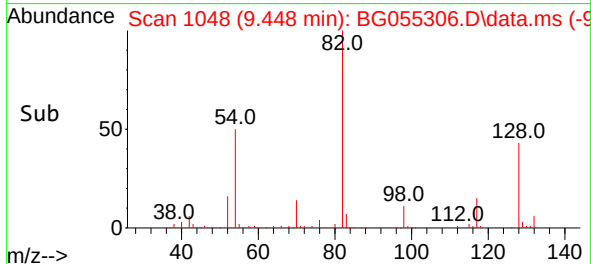
Instrument :
BNA_G
ClientSampleId :
MW-2



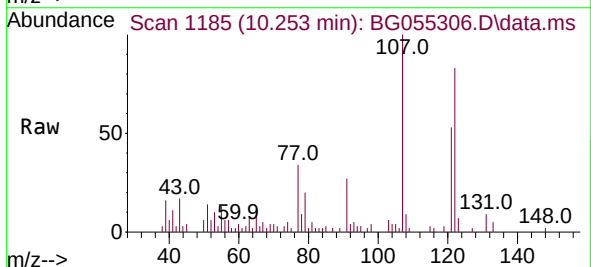
Tgt Ion: 82 Resp: 283081
Ion Ratio Lower Upper
82 100
128 43.2 32.0 48.0
54 50.3 40.9 61.3

Manual Integrations
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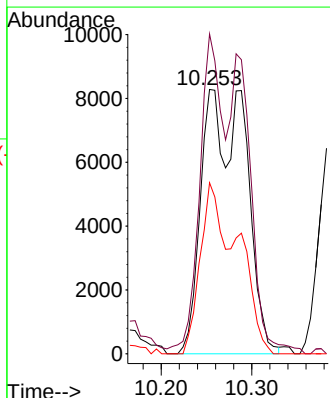
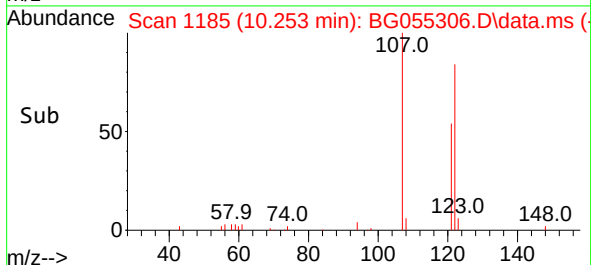
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

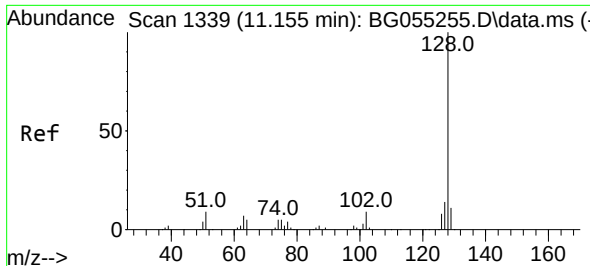


#27
2,4-Dimethylphenol
Concen: 13.311 ng m
RT: 10.253 min Scan# 1185
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



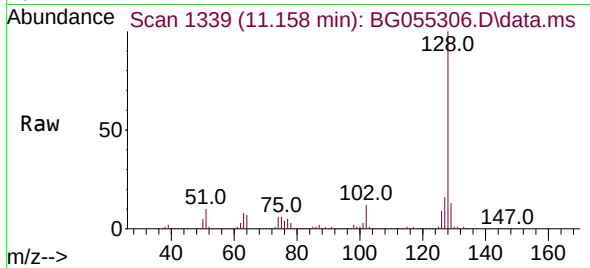
Tgt Ion:122 Resp: 28039
Ion Ratio Lower Upper
122 100
107 121.0 97.3 145.9
121 64.7 48.5 72.7





#31
Naphthalene
Concen: 240.521 ng
RT: 11.158 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

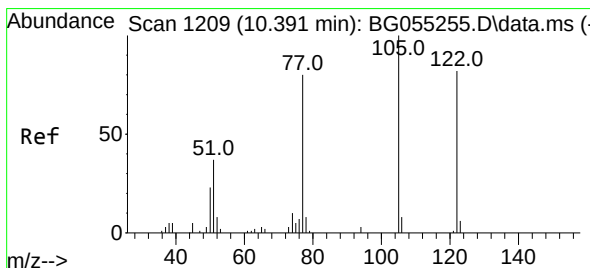
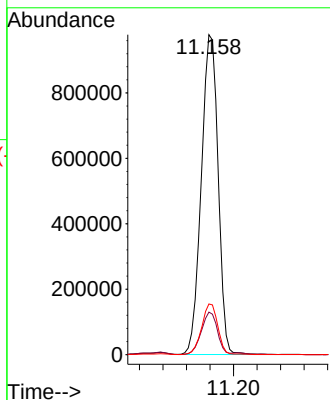
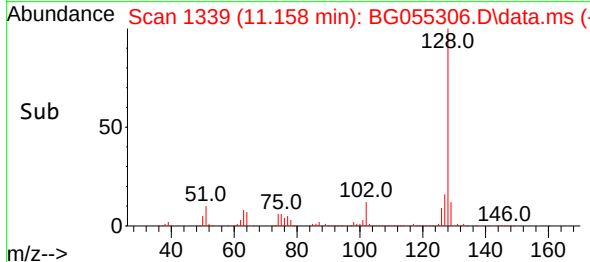
Instrument :
BNA_G
ClientSampleId :
MW-2



Tgt Ion:128 Resp: 193876
Ion Ratio Lower Upper
128 100
129 13.3 9.0 13.6
127 15.8 11.1 16.7

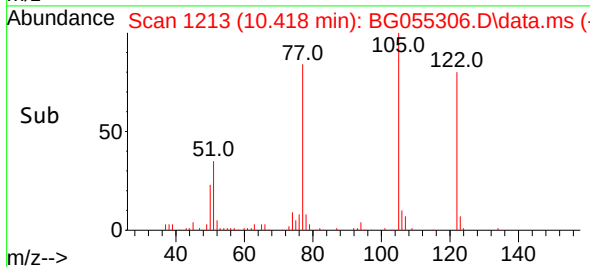
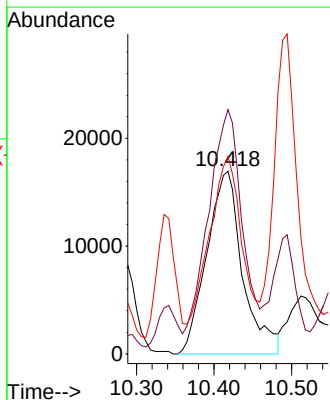
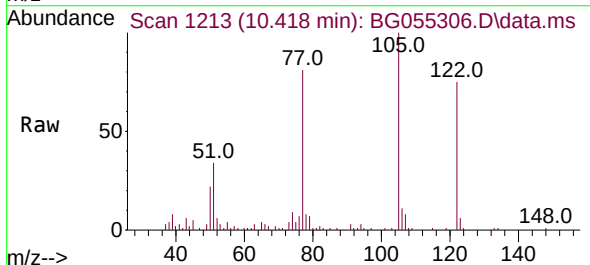
Manual Integrations
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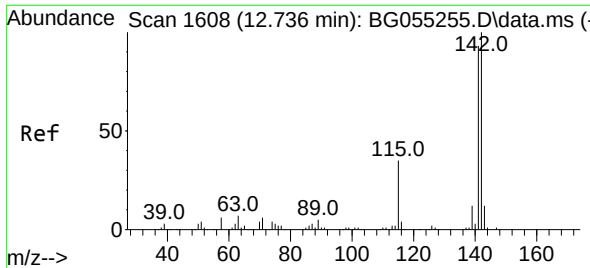
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#32
Benzoic acid
Concen: 35.305 ng
RT: 10.418 min Scan# 1213
Delta R.T. 0.027 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

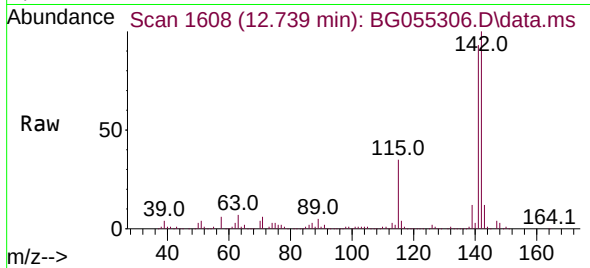
Tgt Ion:122 Resp: 54274
Ion Ratio Lower Upper
122 100
105 133.7 101.3 141.3
77 108.0 76.9 116.9





#37
2-Methylnaphthalene
Concen: 58.079 ng
RT: 12.739 min Scan# 1608
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

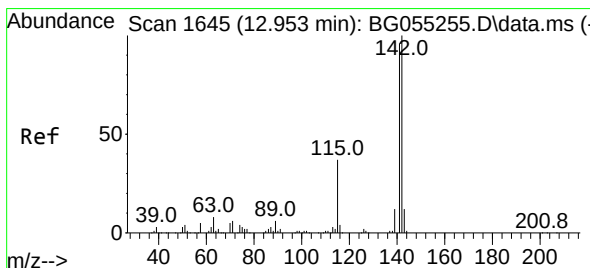
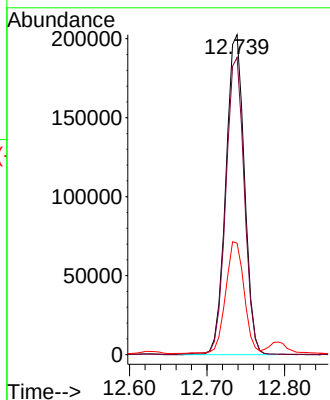
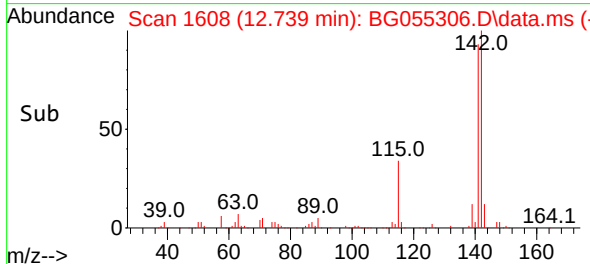
Instrument :
BNA_G
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MW-2



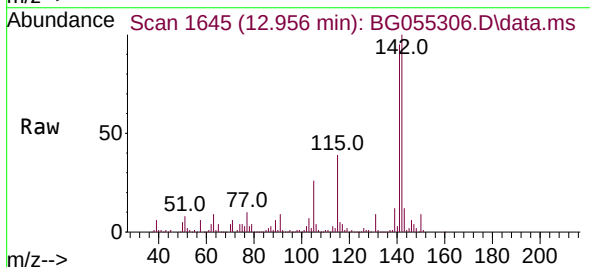
Tgt Ion:142 Resp: 337534
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0
115 34.8 28.3 42.5

Manual Integrations
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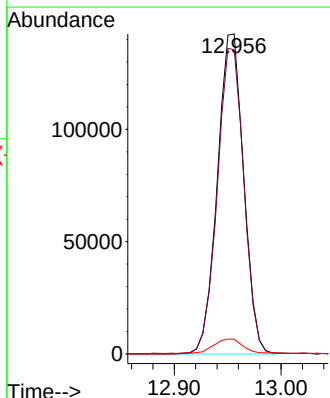
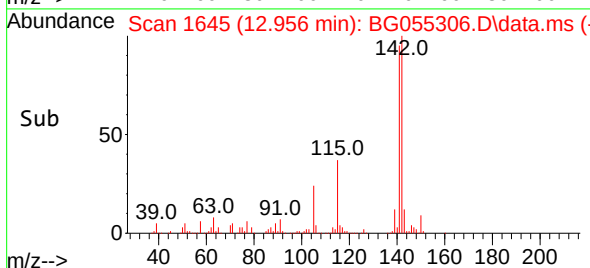
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

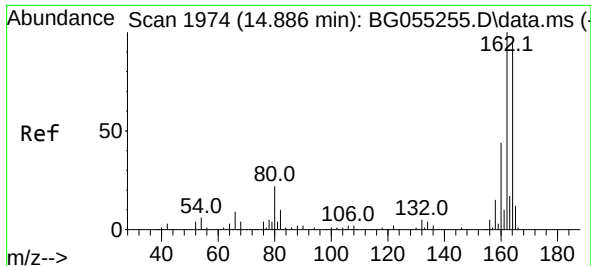


#38
1-Methylnaphthalene
Concen: 42.440 ng m
RT: 12.956 min Scan# 1645
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



Tgt Ion:142 Resp: 243329
Ion Ratio Lower Upper
142 100
141 95.0 77.1 115.7
116 4.6 3.0 4.6#





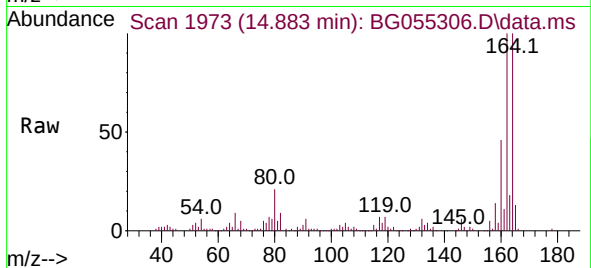
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

Instrument :

BNA_G

ClientSampleId :

MW-2

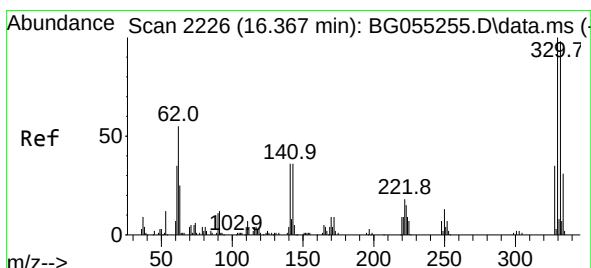
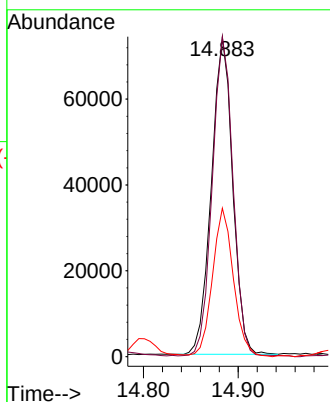
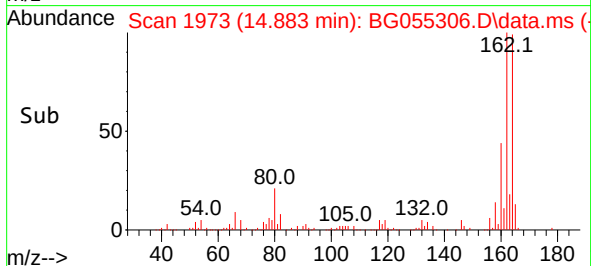


Tgt Ion:164 Resp: 115235
Ion Ratio Lower Upper
164 100
162 100.2 84.0 126.0
160 46.5 36.7 55.1

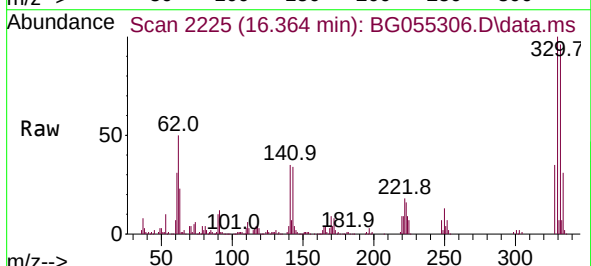
Manual Integrations

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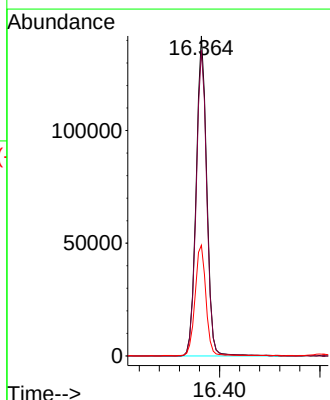
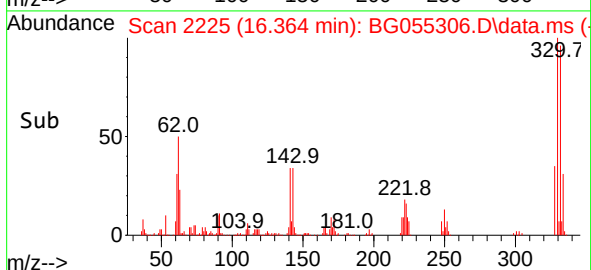
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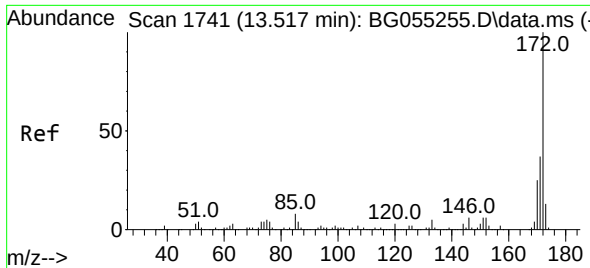


#42
2,4,6-Tribromophenol
Concen: 165.796 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



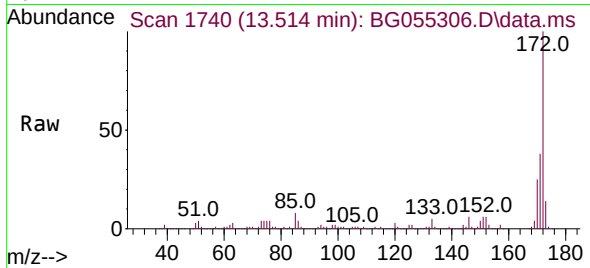
Tgt Ion:330 Resp: 207693
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 35.6 29.8 44.8





#45
2-Fluorobiphenyl
Concen: 92.864 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

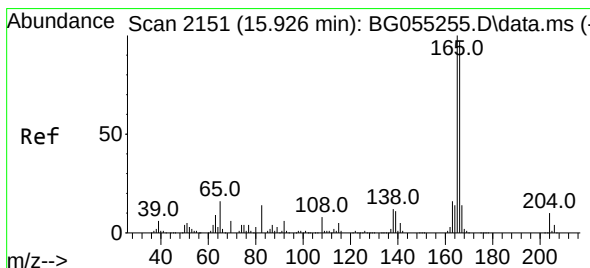
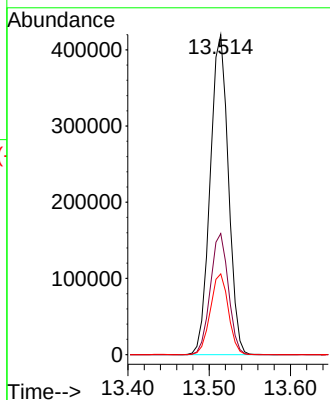
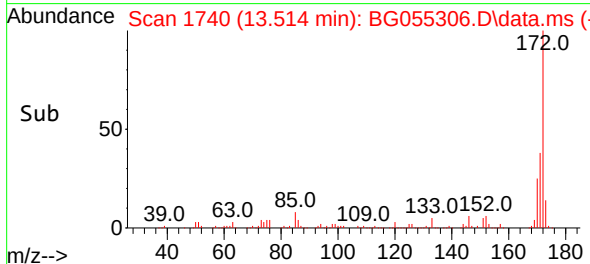
Instrument :
BNA_G
ClientSampleId :
MW-2



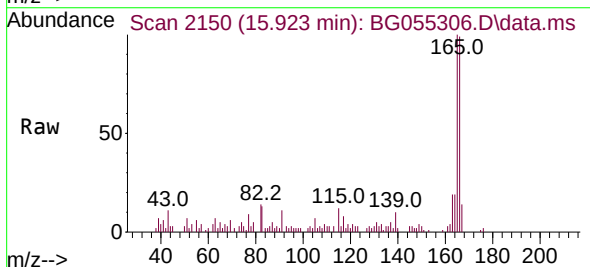
Tgt Ion:172 Resp: 65380
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.2 20.2 30.2

Manual Integrations
APPROVED

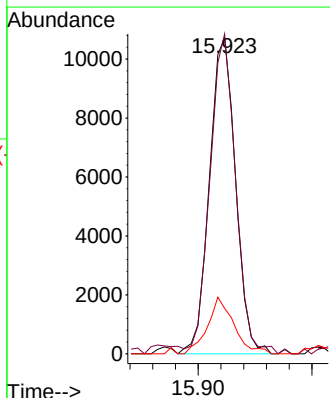
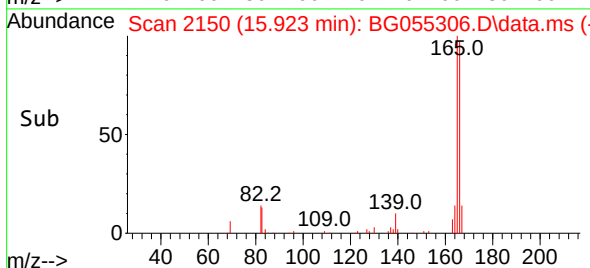
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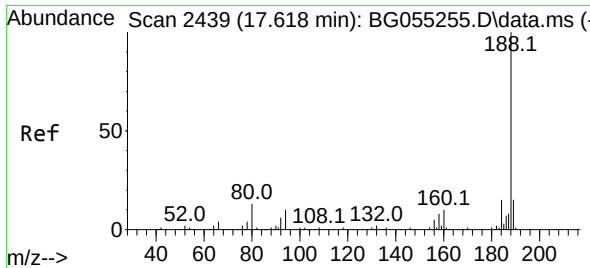


#58
Fluorene
Concen: 2.001 ng
RT: 15.923 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



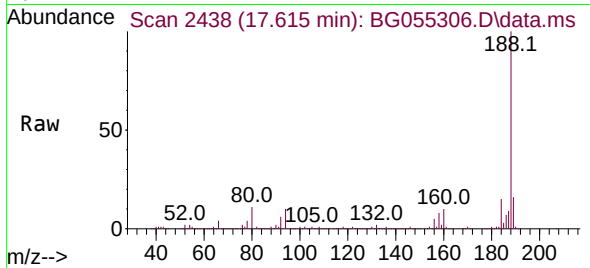
Tgt Ion:166 Resp: 17131
Ion Ratio Lower Upper
166 100
165 101.3 82.4 123.6
167 14.4 11.5 17.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

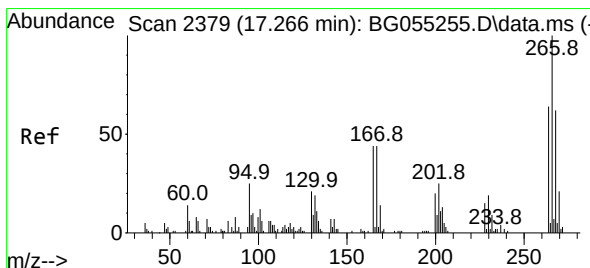
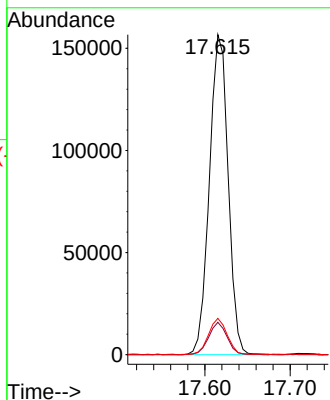
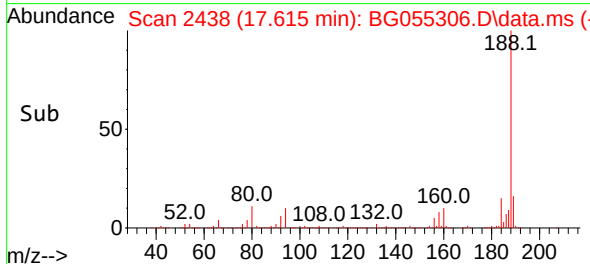
Instrument :
BNA_G
ClientSampleId :
MW-2



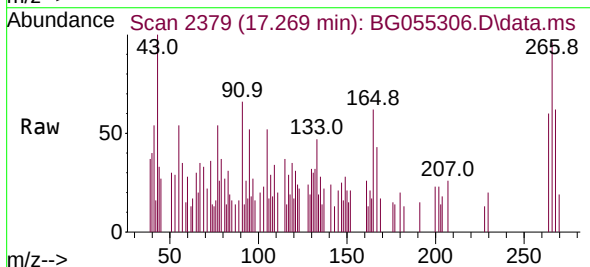
Tgt Ion:188 Resp: 238915
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.3 10.1 15.1

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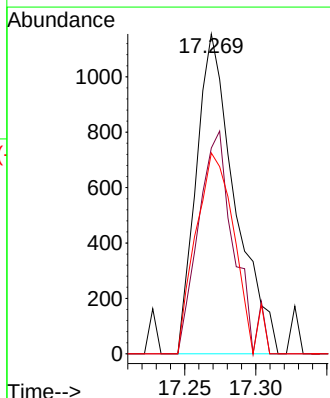
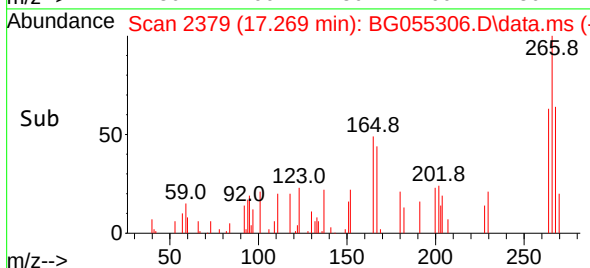
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

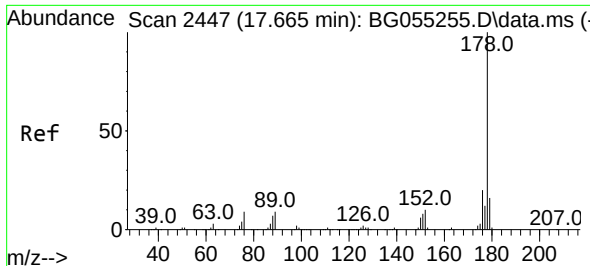


#70
Pentachlorophenol
Concen: 3.970 ng
RT: 17.269 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



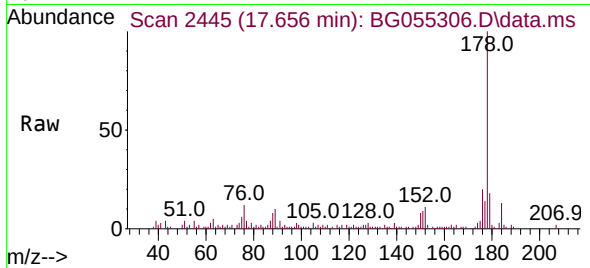
Tgt Ion:266 Resp: 2185
Ion Ratio Lower Upper
266 100
268 64.3 53.2 79.8
264 62.8 51.5 77.3





#71
Phenanthrene
Concen: 2.867 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

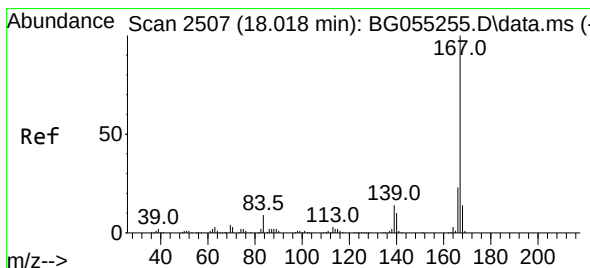
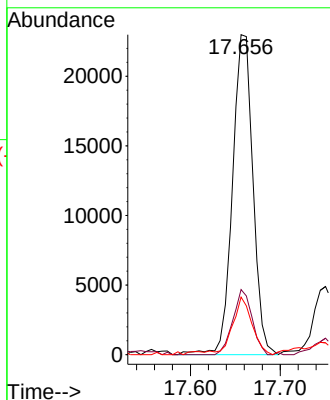
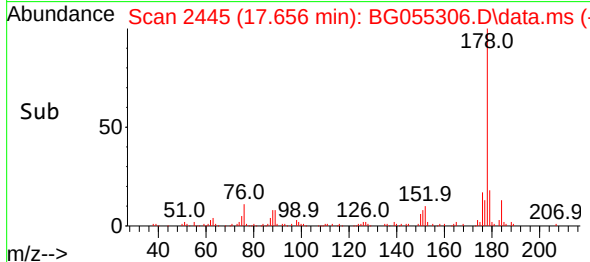
Instrument :
BNA_G
ClientSampleId :
MW-2



Tgt Ion:178 Resp: 36531
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 18.0 12.6 19.0

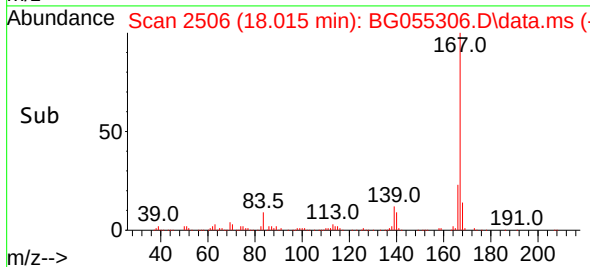
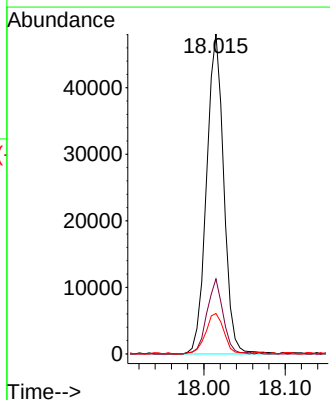
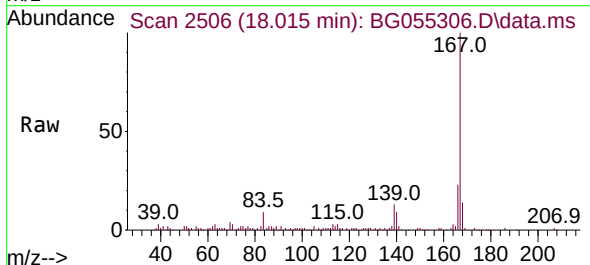
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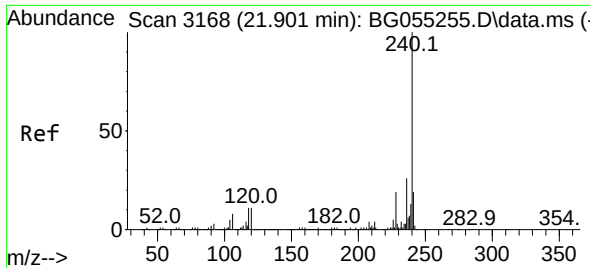
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#73
Carbazole
Concen: 5.905 ng
RT: 18.015 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

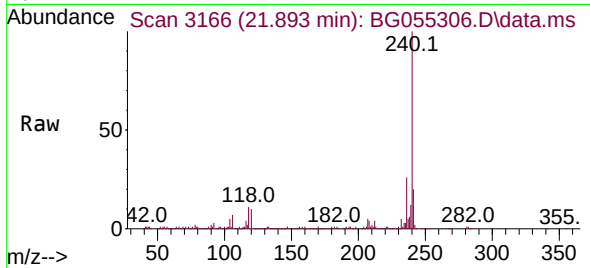
Tgt Ion:167 Resp: 70748
Ion Ratio Lower Upper
167 100
166 23.4 18.6 27.8
139 12.6 10.9 16.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

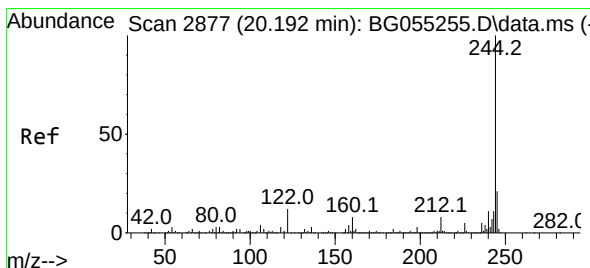
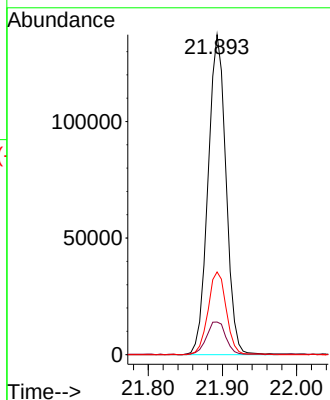
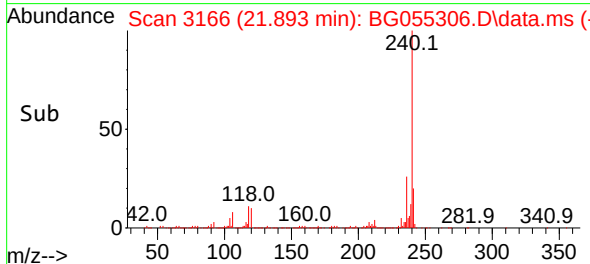
Instrument :
BNA_G
ClientSampleId :
MW-2



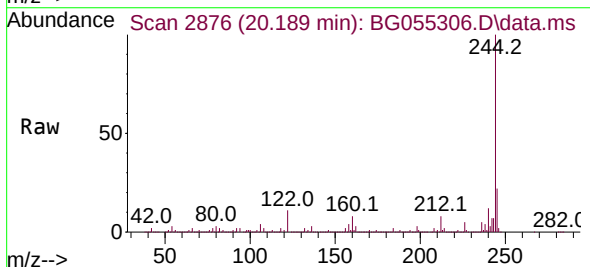
Tgt Ion:240 Resp: 230390
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.8 21.0 31.4

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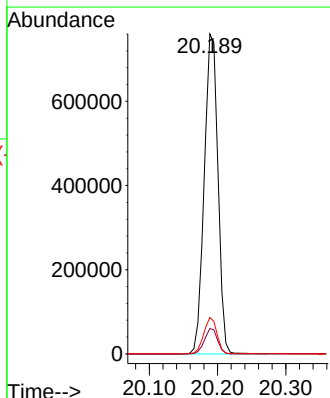
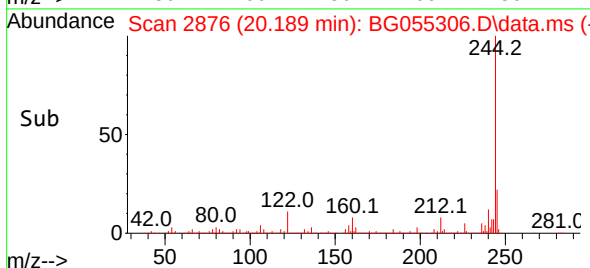
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

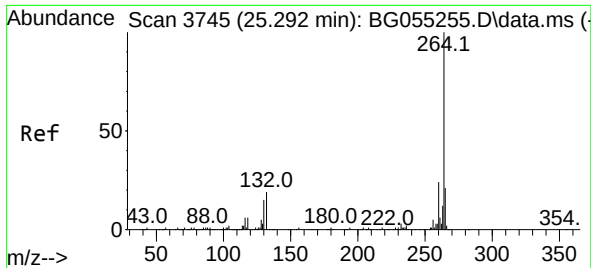


#79
Terphenyl-d14
Concen: 95.737 ng
RT: 20.189 min Scan# 2876
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53



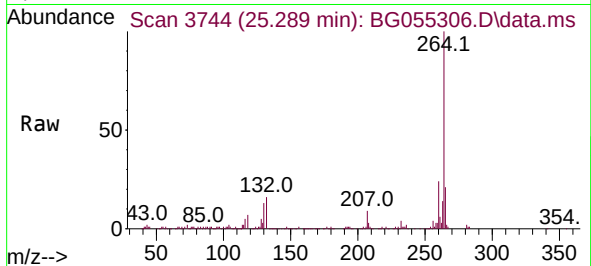
Tgt Ion:244 Resp: 1061607
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.4 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.289 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055306.D
Acq: 26 Oct 2022 19:53

Instrument :
BNA_G
ClientSampleId :
MW-2



Tgt Ion:264 Resp: 237569
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 20.8 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/27/2022

