

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054779.D
 Acq On : 29 Aug 2022 19:34
 Operator : CG/JU
 Sample : N4376-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-38

Manual Integrations
 APPROVED

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

Quant Time: Aug 30 02:50:43 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	8.153	152	49136	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	203324	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	134880	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	305478	20.000	ng	0.00
76) Chrysene-d12	21.814	240	295722	20.000	ng	-0.01
86) Perylene-d12	25.180	264	311049	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	179847	63.737	ng	0.00
7) Phenol-d6	7.295	99	153361	39.742	ng	0.00
23) Nitrobenzene-d5	9.323	82	341057	88.058	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	250782	148.796	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	805227	89.729	ng	0.00
79) Terphenyl-d14	20.128	244	1283989	86.030	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.133	122	9451	3.459	ng	95
31) Naphthalene	11.032	128	1437514	131.776	ng	97
37) 2-Methylnaphthalene	12.625	142	535452	70.032	ng	99
38) 1-Methylnaphthalene	12.842	142	404972m	54.440	ng	
46) 1,1'-Biphenyl	13.618	154	43085	4.302	ng	99
52) Acenaphthene	14.845	154	17717	2.197	ng	96
58) Fluorene	15.827	166	26268	2.632	ng	99
71) Phenanthrene	17.566	178	34830	2.140	ng	99

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

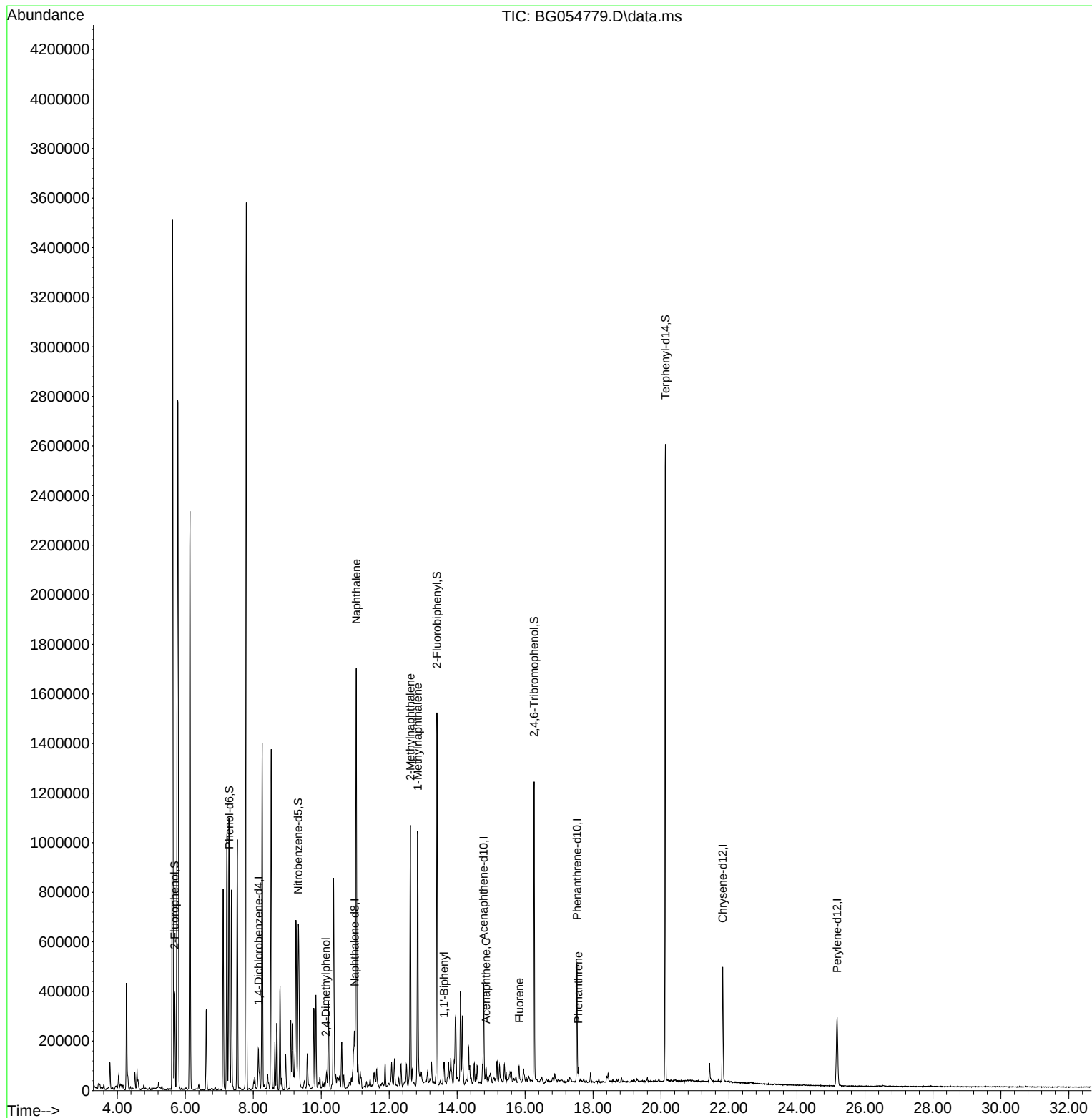
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054779.D
Acq On : 29 Aug 2022 19:34
Operator : CG/JU
Sample : N4376-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

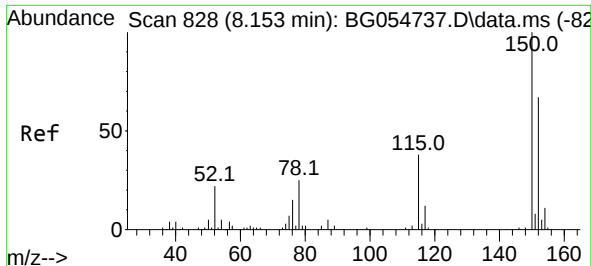
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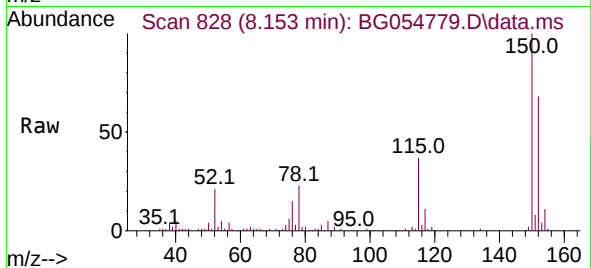
Quant Time: Aug 30 02:50:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

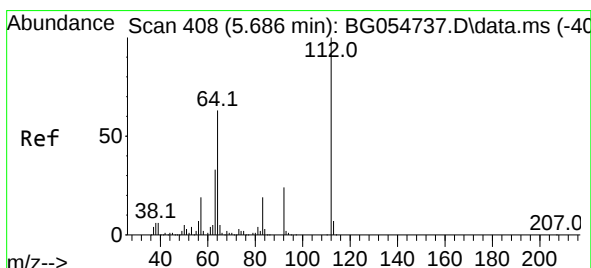
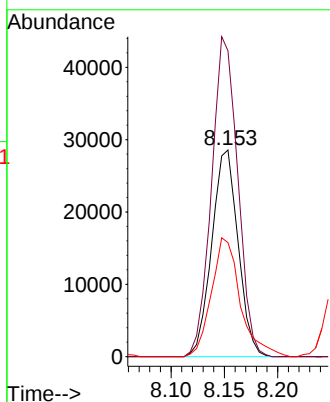
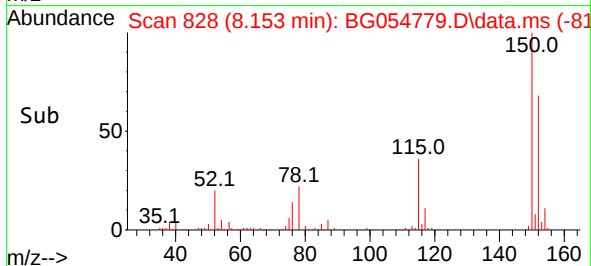
Instrument :
BNA_G
ClientSampleId :
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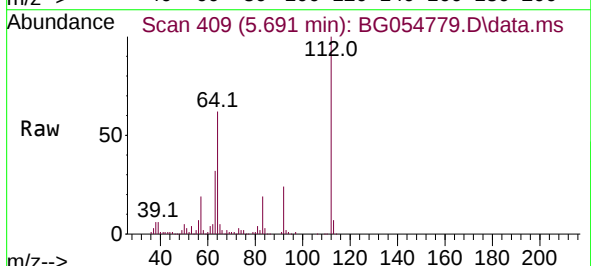
Tgt Ion:152 Resp: 49136
Ion Ratio Lower Upper
152 100
150 147.9 125.2 187.8
115 55.2 47.9 71.9

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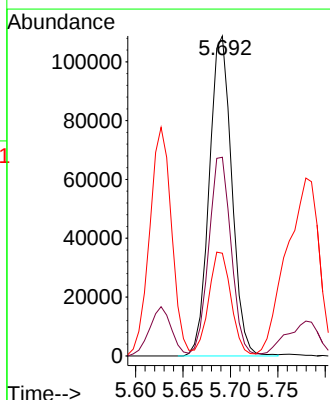
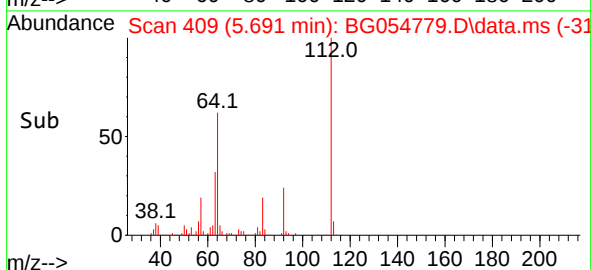
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

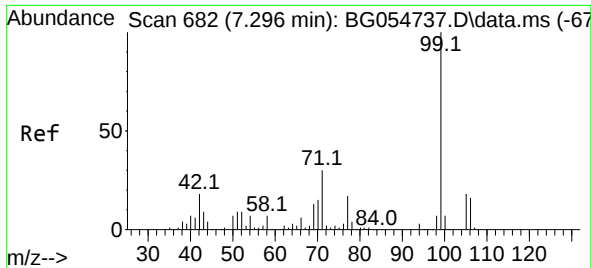


#5
2-Fluorophenol
Concen: 63.737 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



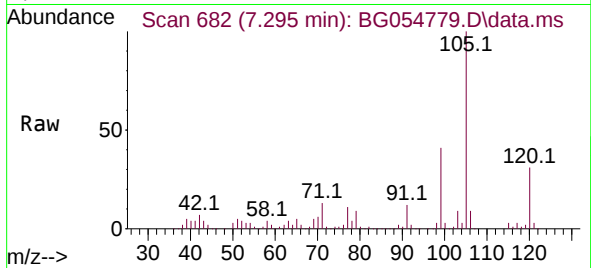
Tgt Ion:112 Resp: 179847
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 32.1 26.3 39.5





#7
Phenol-d6
Concen: 39.742 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

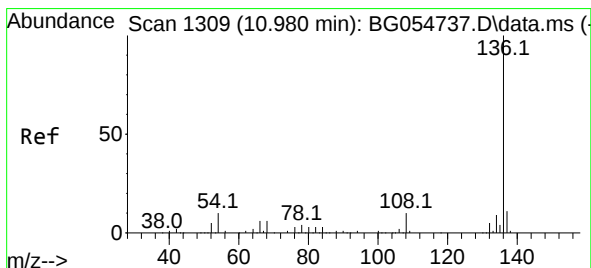
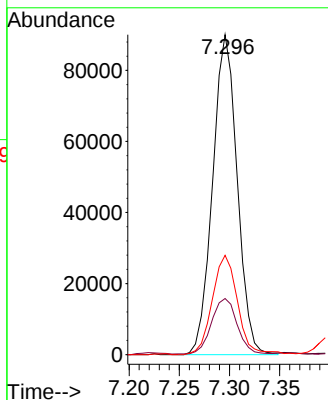
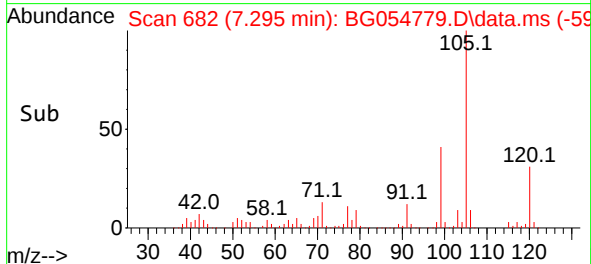
Instrument :
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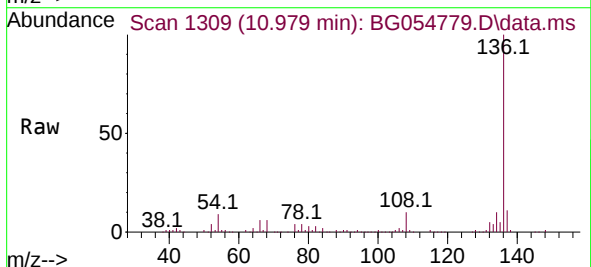
Tgt Ion: 99 Resp: 153361
Ion Ratio Lower Upper
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42 17.5 14.6 22.0
71 31.0 24.6 37.0

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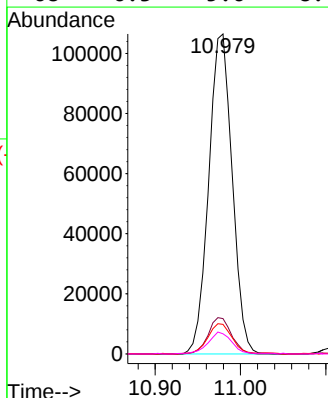
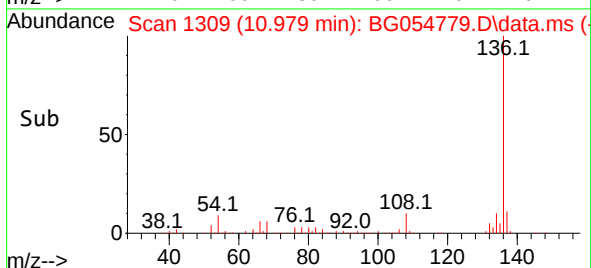
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Supervised By :Jagrut Upadhyay 08/30/2022

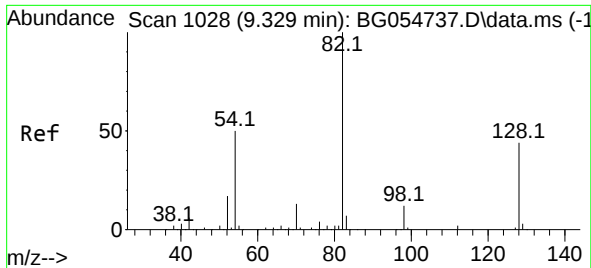


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



Tgt Ion:136 Resp: 203324
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.2 7.7 11.5
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 88.058 ng

RT: 9.323 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BG054779.D

Acq: 29 Aug 2022 19:34

Instrument :

BNA_G

ClientSampleId :

MW-38

Tgt Ion: 82 Resp: 34105

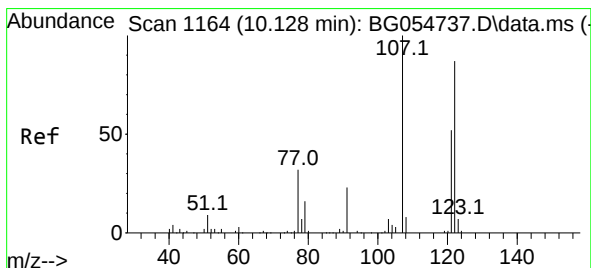
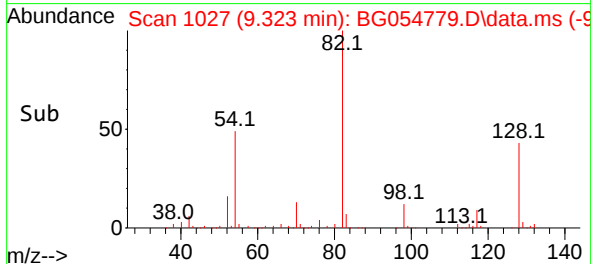
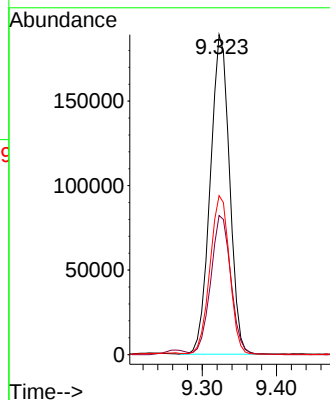
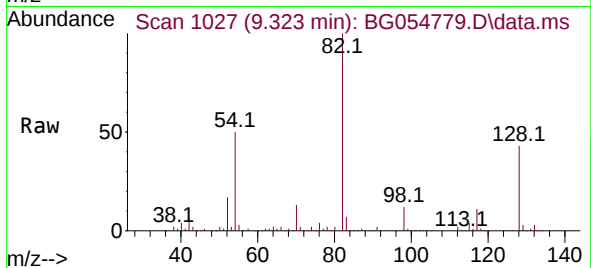
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.2	48.2
54	49.7	41.4	62.0

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#27

2,4-Dimethylphenol

Concen: 3.459 ng

RT: 10.133 min Scan# 1165

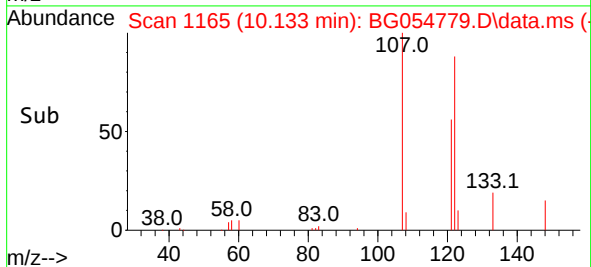
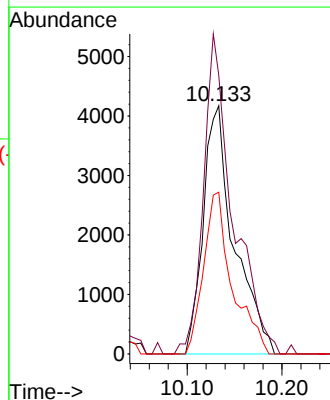
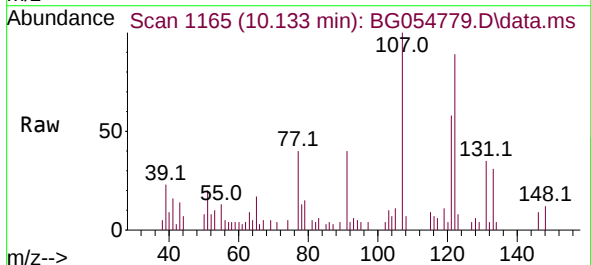
Delta R.T. 0.006 min

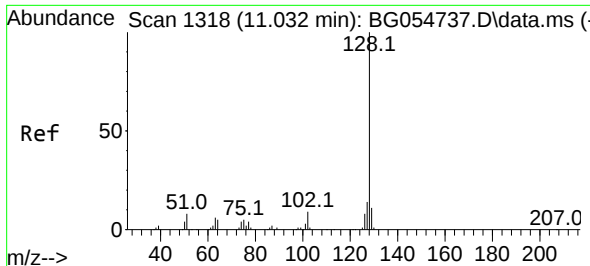
Lab File: BG054779.D

Acq: 29 Aug 2022 19:34

Tgt Ion:122 Resp: 9451

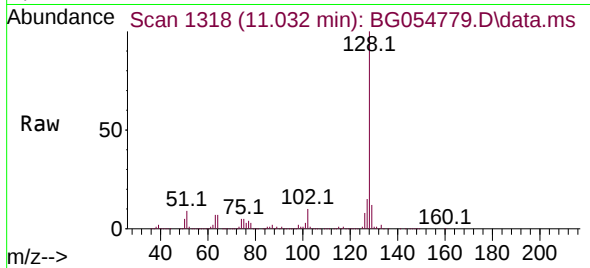
Ion	Ratio	Lower	Upper
122	100		
107	112.3	94.6	142.0
121	65.2	49.8	74.6





#31
Naphthalene
Concen: 131.776 ng
RT: 11.032 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

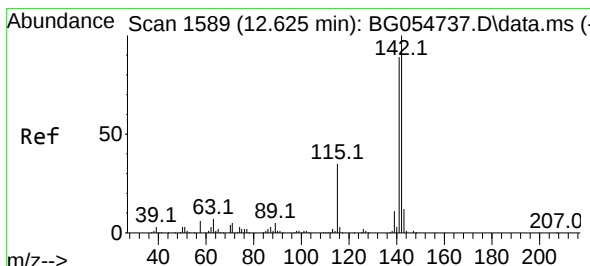
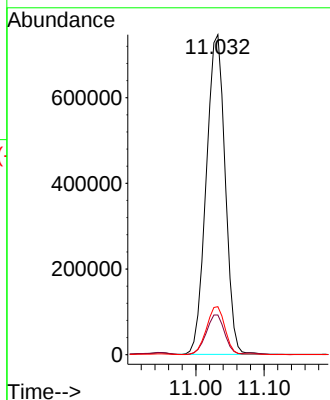
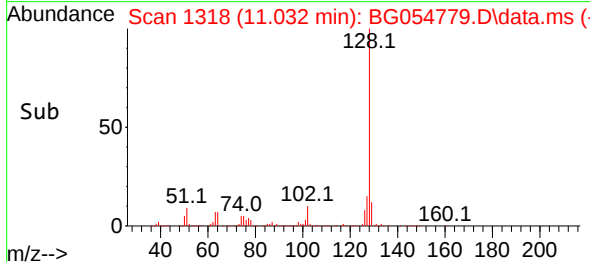
Instrument :
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MW-38



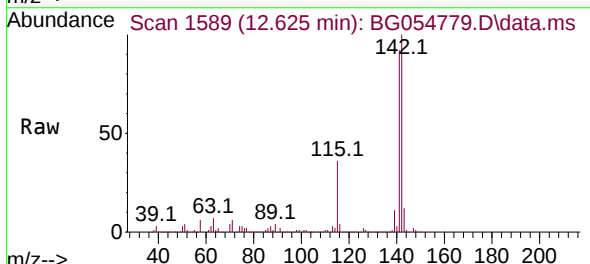
Tgt Ion:128 Resp: 1437514
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.4
127 15.0 11.1 16.7

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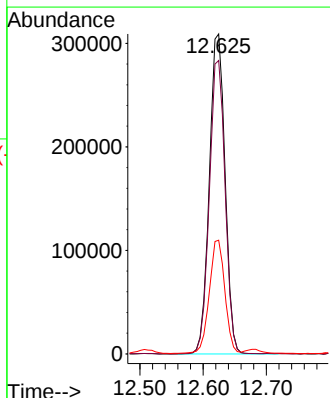
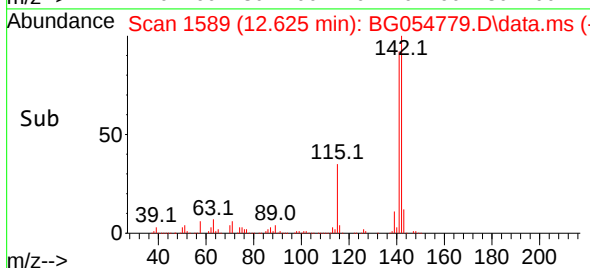
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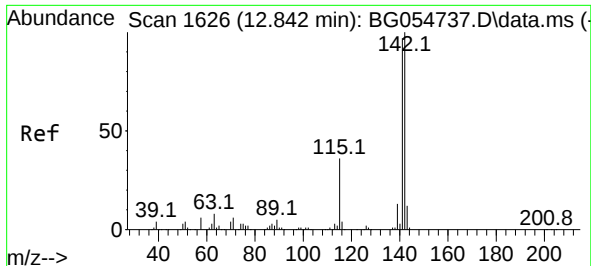


#37
2-Methylnaphthalene
Concen: 70.032 ng
RT: 12.625 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



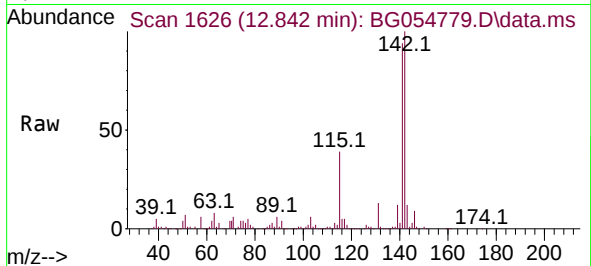
Tgt Ion:142 Resp: 535452
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4
115 35.5 27.3 40.9





#38
1-Methylnaphthalene
Concen: 54.440 ng m
RT: 12.842 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

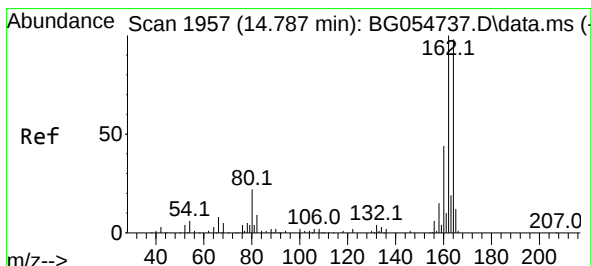
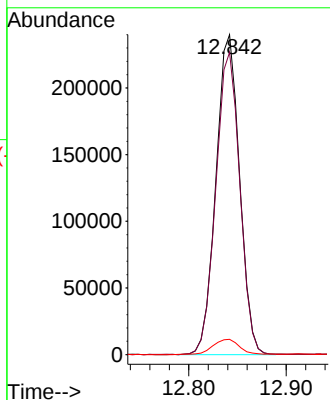
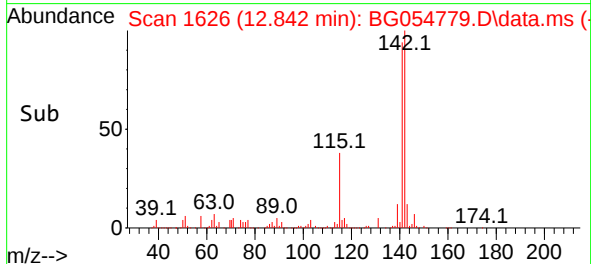
Instrument :
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MW-38



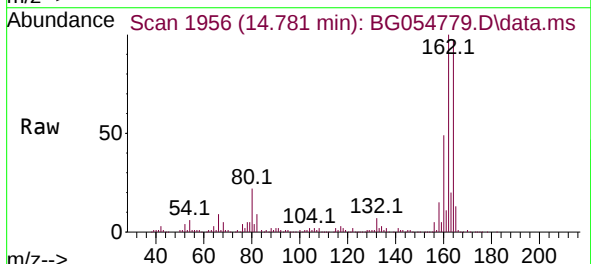
Tgt Ion:142 Resp: 404972
Ion Ratio Lower Upper
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141 94.5 77.4 116.0
116 4.8 3.0 4.4

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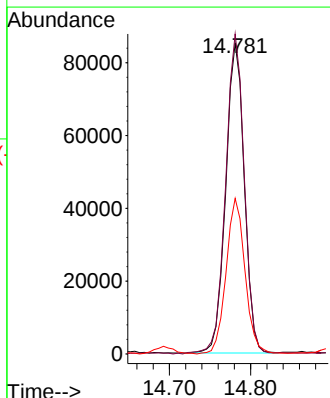
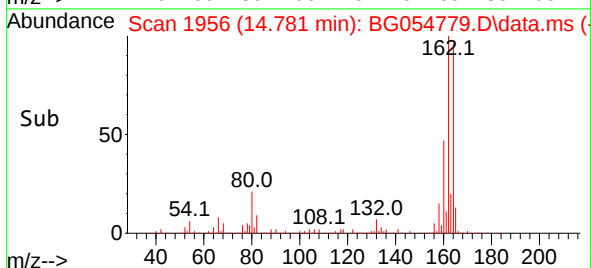
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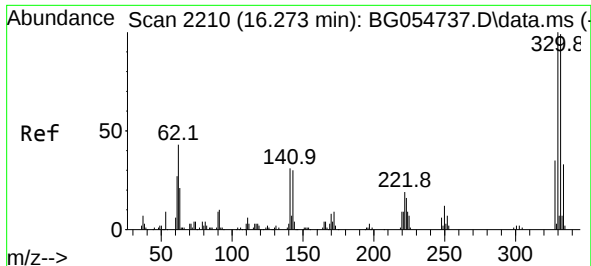


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



Tgt Ion:164 Resp: 134880
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 50.0 38.0 57.0





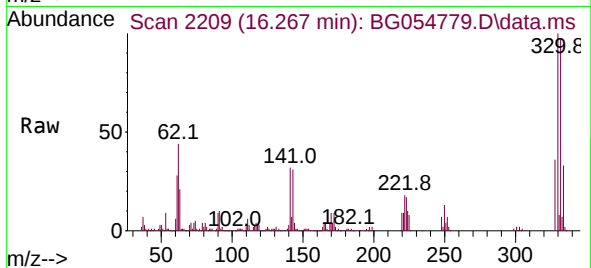
#42
2,4,6-Tribromophenol
Concen: 148.796 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

Instrument :

BNA_G

ClientSampleId :

MW-38

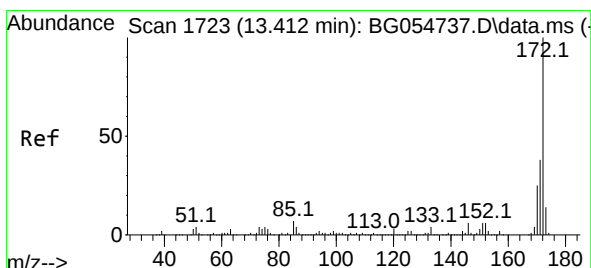
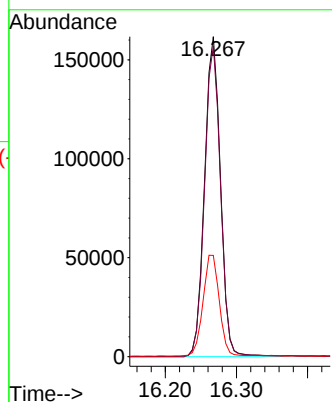
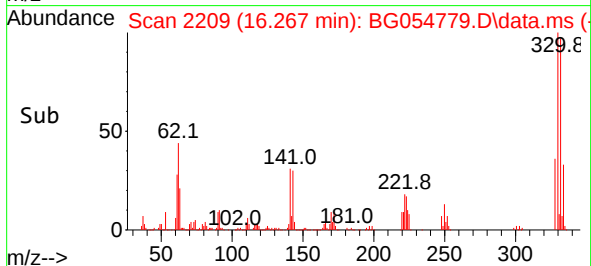


Tgt Ion:330 Resp: 250782
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 32.1 26.8 40.2

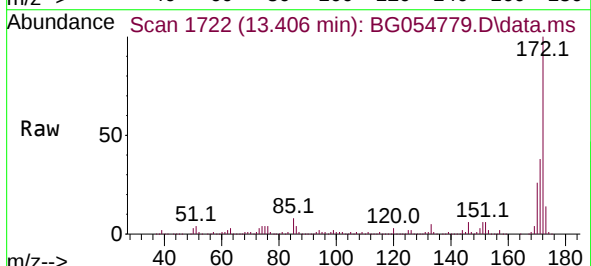
Manual Integrations

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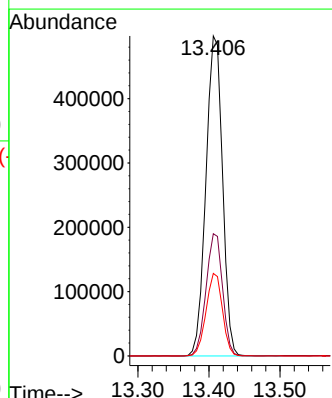
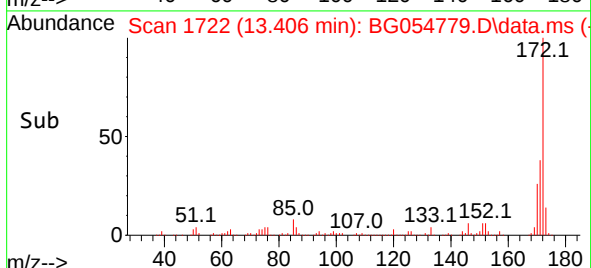
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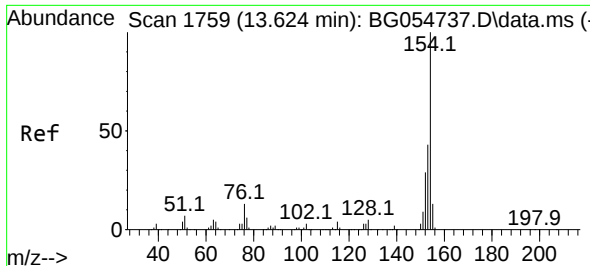


#45
2-Fluorobiphenyl
Concen: 89.729 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



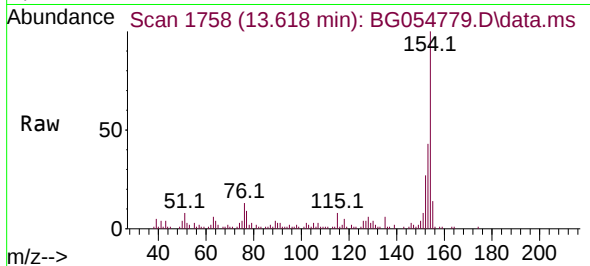
Tgt Ion:172 Resp: 805227
Ion Ratio Lower Upper
172 100
171 38.2 31.2 46.8
170 25.8 20.6 30.8





#46
1,1'-Biphenyl
Concen: 4.302 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

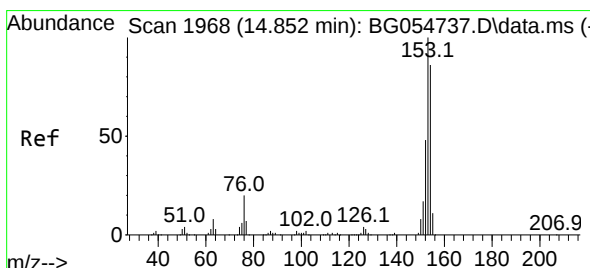
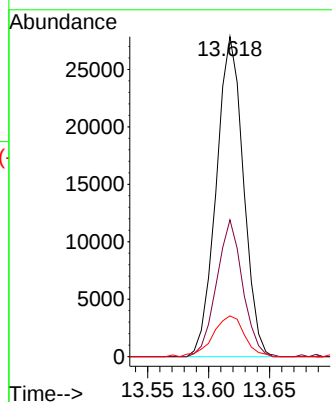
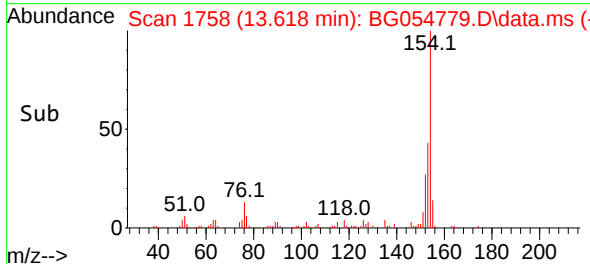
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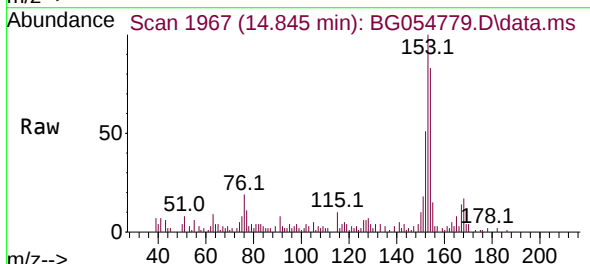
Tgt Ion:154 Resp: 43085
Ion Ratio Lower Upper
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153 42.7 22.2 62.2
76 12.7 0.0 34.0

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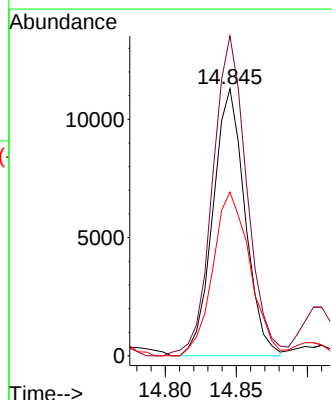
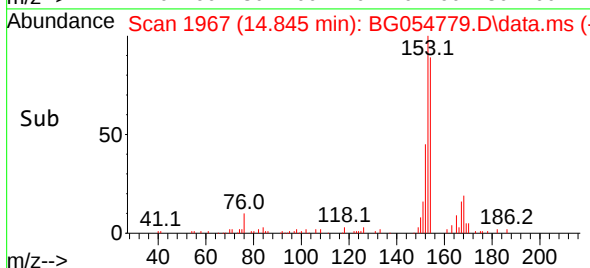
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

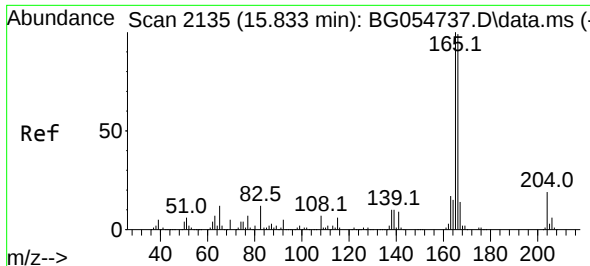


#52
Acenaphthene
Concen: 2.197 ng
RT: 14.845 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



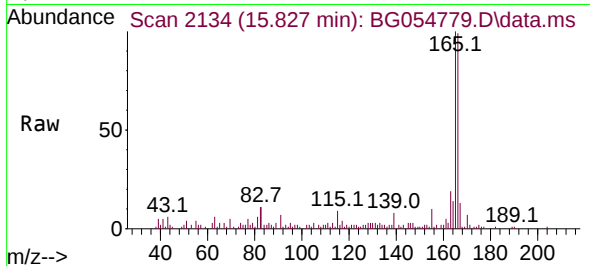
Tgt Ion:154 Resp: 17717
Ion Ratio Lower Upper
154 100
153 119.8 92.8 139.2
152 61.3 45.4 68.2





#58
Fluorene
Concen: 2.632 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

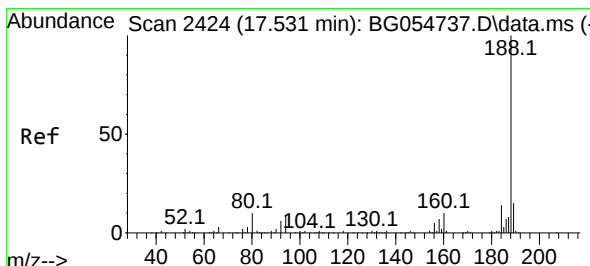
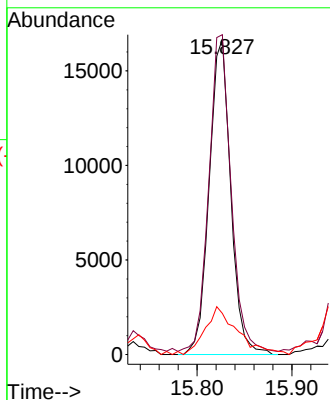
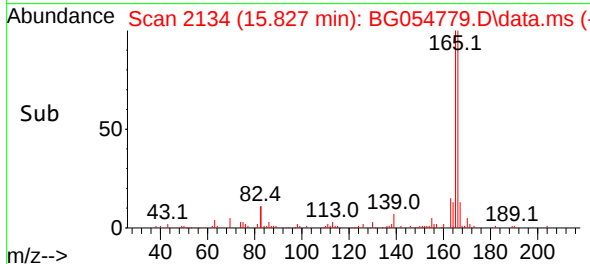
Instrument :
BNA_G
ClientSampleId :
MW-38



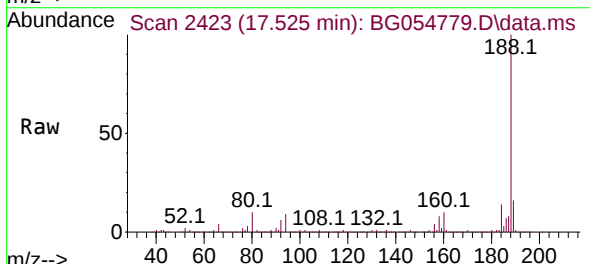
Tgt Ion:166 Resp: 26268
Ion Ratio Lower Upper
166 100
165 101.4 80.8 121.2
167 13.1 11.4 17.0

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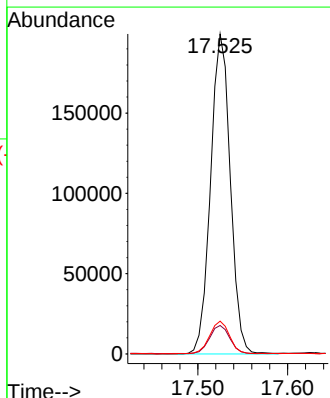
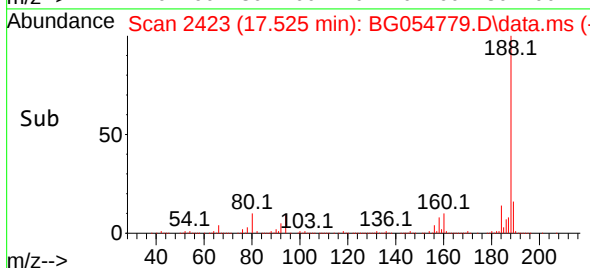
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

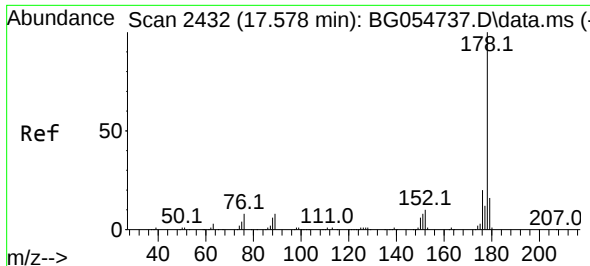


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34



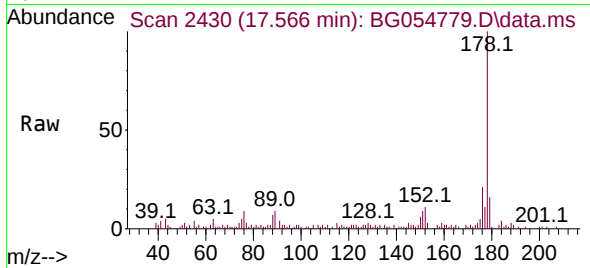
Tgt Ion:188 Resp: 305478
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.2 7.9 11.9





#71
Phenanthrene
Concen: 2.140 ng
RT: 17.566 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

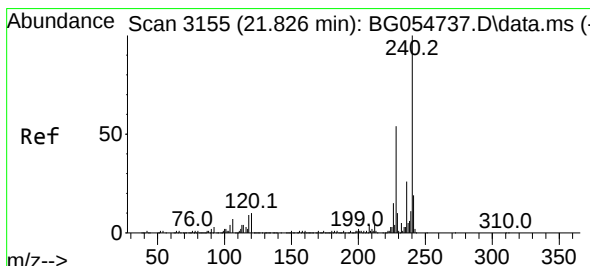
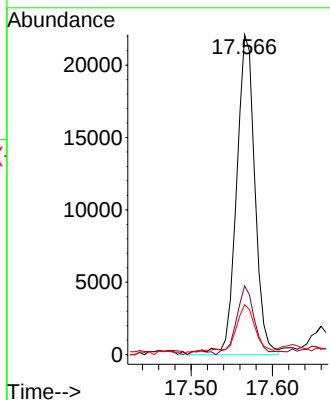
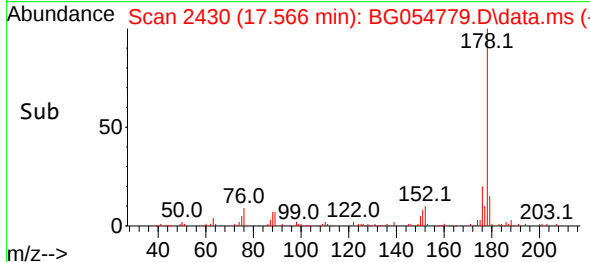
Instrument :
BNA_G
ClientSampleId :
MW-38



Tgt Ion:178 Resp: 34830
Ion Ratio Lower Upper
178 100
176 21.5 16.6 25.0
179 15.6 12.8 19.2

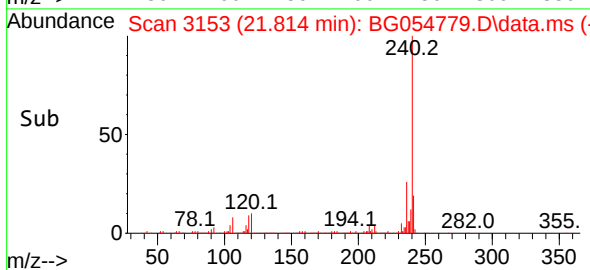
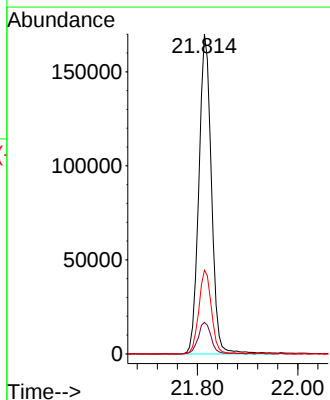
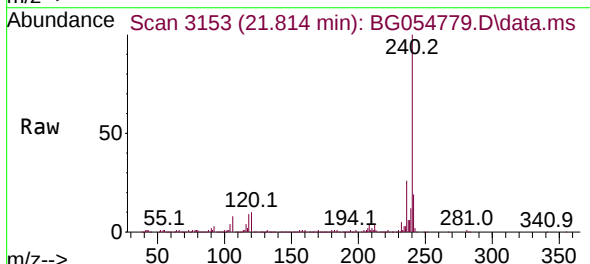
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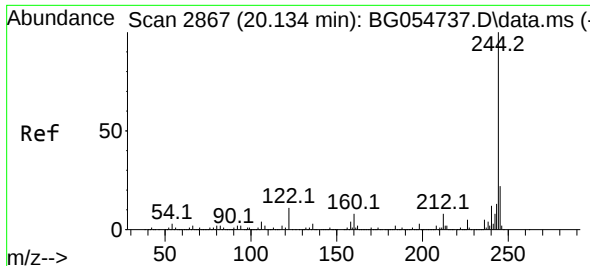
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054779.D
Acq: 29 Aug 2022 19:34

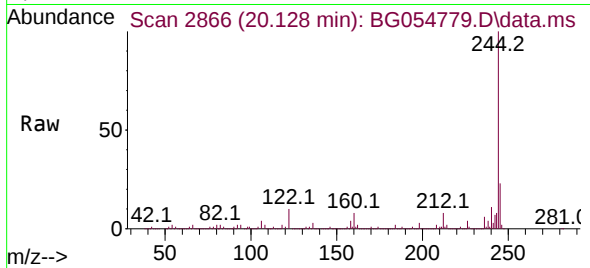
Tgt Ion:240 Resp: 295722
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.4
236 26.2 21.2 31.8





#79
 Terphenyl-d14
 Concen: 86.030 ng
 RT: 20.128 min Scan# 2867
 Delta R.T. -0.006 min
 Lab File: BG054779.D
 Acq: 29 Aug 2022 19:34

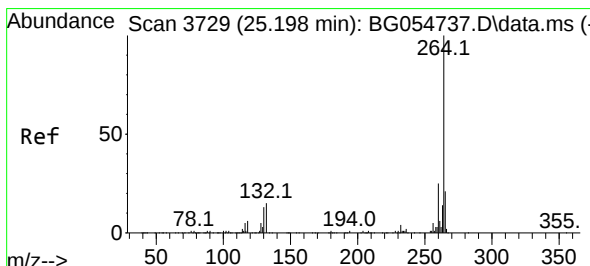
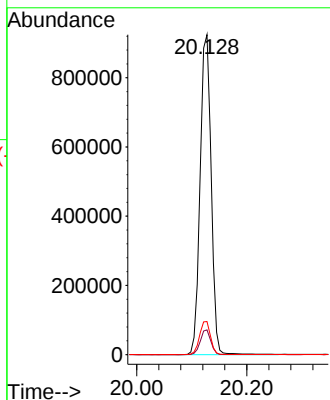
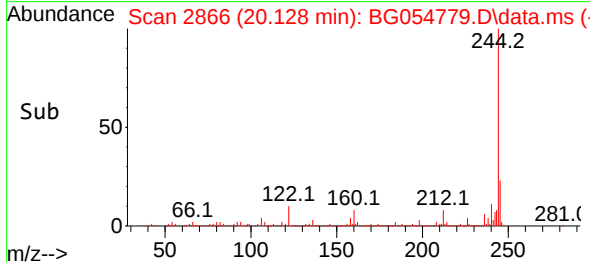
Instrument :
 BNA_G
 ClientSampleId :
 MW-38



Tgt Ion:244 Resp: 1283989
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.3 9.0 13.6

Manual Integrations
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 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: BG054779.D
 Acq: 29 Aug 2022 19:34

Tgt Ion:264 Resp: 311049
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 22.0 16.9 25.3

