

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057876.D
 Acq On : 27 Jun 2023 21:21
 Operator : CG/JU
 Sample : 03339-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 02:39:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	34955	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	154970	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	128030	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	293313	20.000	ng	0.00
76) Chrysene-d12	21.554	240	259726	20.000	ng	0.00
86) Perylene-d12	24.697	264	310771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	123155	53.906	ng	0.01
7) Phenol-d6	7.089	99	106570	31.194	ng	0.00
23) Nitrobenzene-d5	9.086	82	235020	74.323	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	217473	101.132	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	550010	65.558	ng	0.00
79) Terphenyl-d14	19.915	244	1164306	81.726	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.687	107	27681	8.072	ng	91
27) 2,4-Dimethylphenol	9.897	122	116235m	46.613	ng	
31) Naphthalene	10.790	128	3328021	402.310	ng	# 92
37) 2-Methylnaphthalene	12.388	142	659800	108.201	ng	99
38) 1-Methylnaphthalene	12.606	142	347542m	60.315	ng	

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

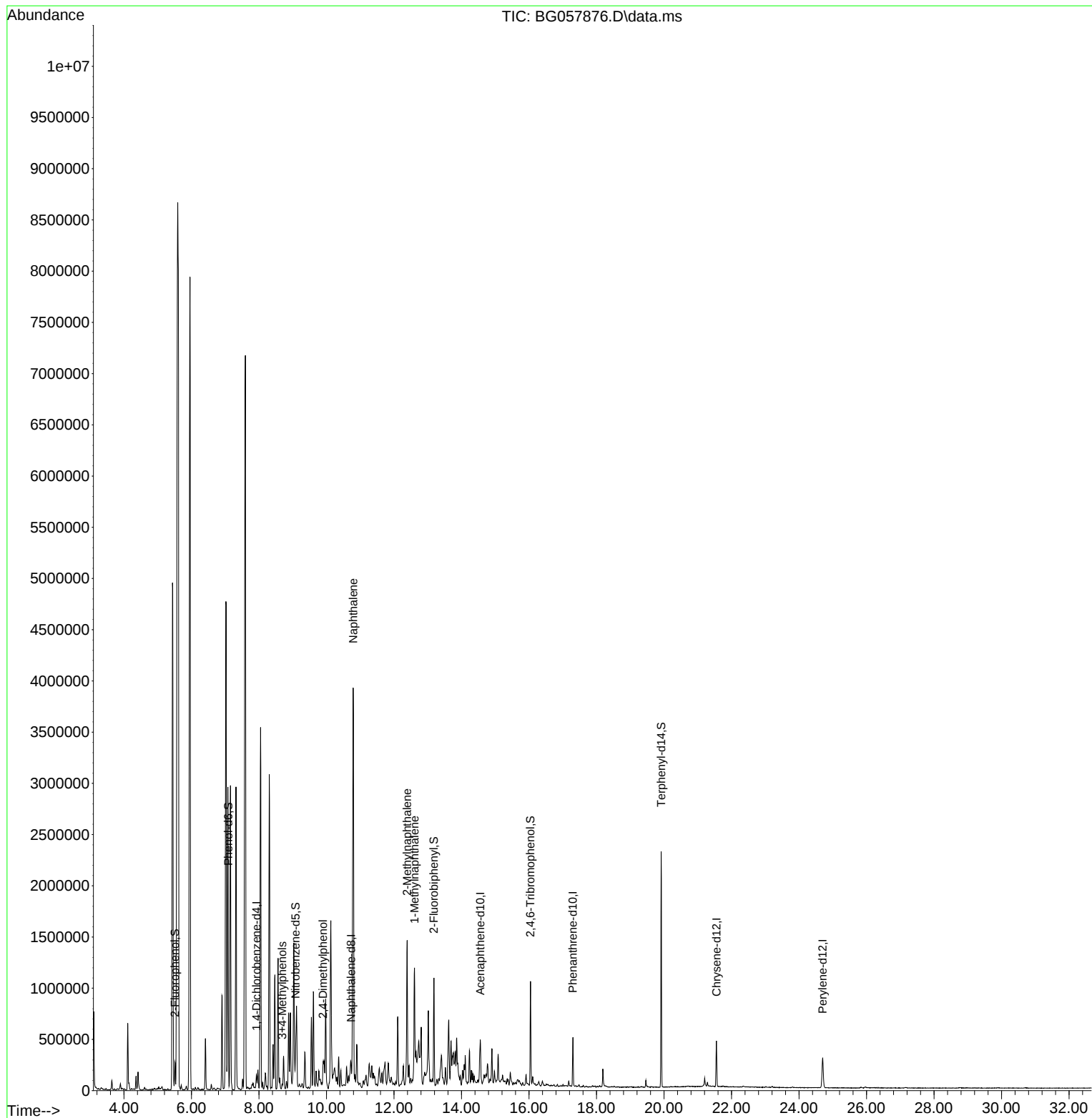
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
Data File : BG057876.D
Acq On : 27 Jun 2023 21:21
Operator : CG/JU
Sample : 03339-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

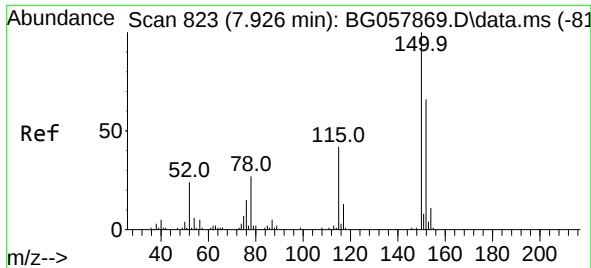
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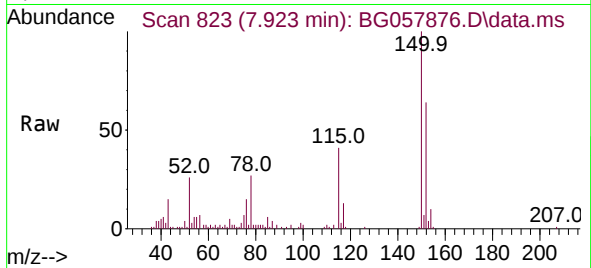
Quant Time: Jun 28 02:39:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

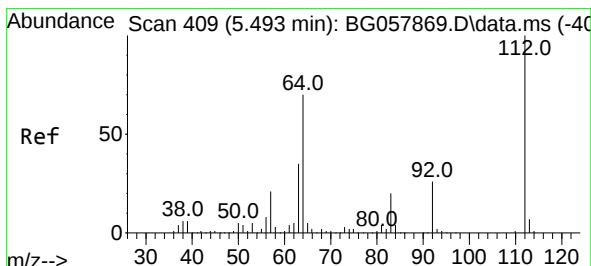
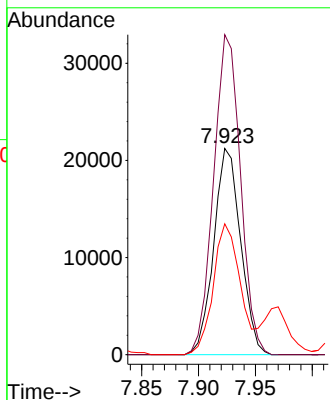
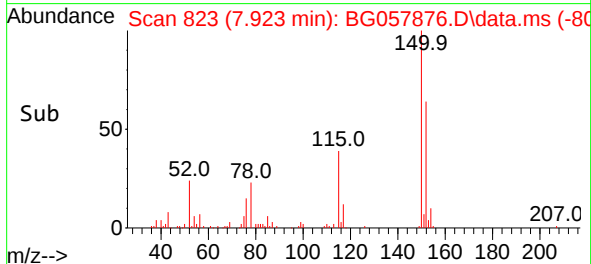
Instrument :
BNA_G
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MW-08



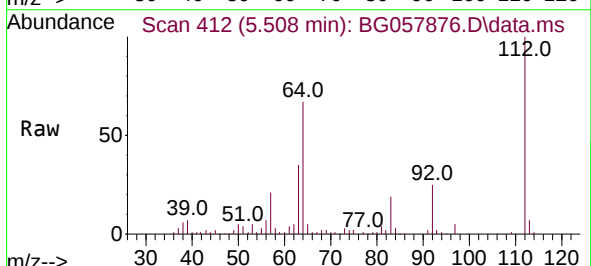
Tgt Ion:152 Resp: 3495
Ion Ratio Lower Upper
152 100
150 155.1 122.0 183.0
115 63.4 50.7 76.1

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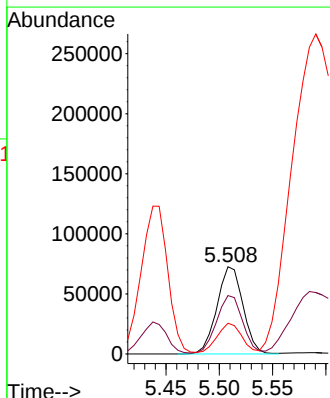
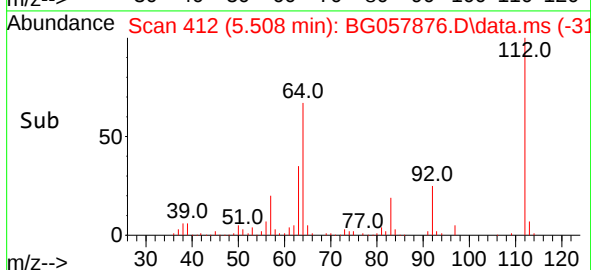
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

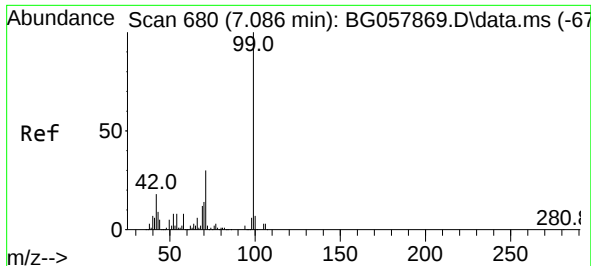


#5
2-Fluorophenol
Concen: 53.906 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.015 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



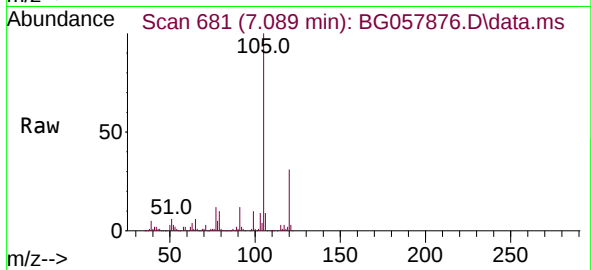
Tgt Ion:112 Resp: 123155
Ion Ratio Lower Upper
112 100
64 67.0 55.8 83.6
63 35.2 27.9 41.9





#7
Phenol-d6
Concen: 31.194 ng
RT: 7.089 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

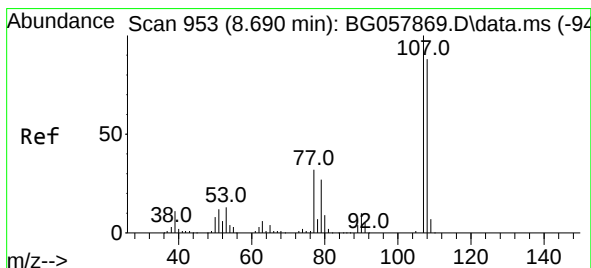
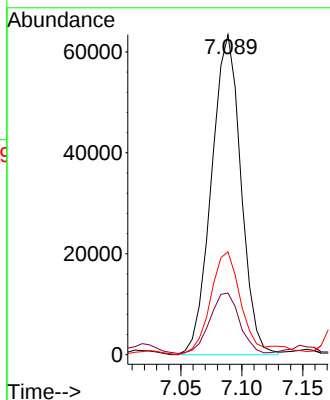
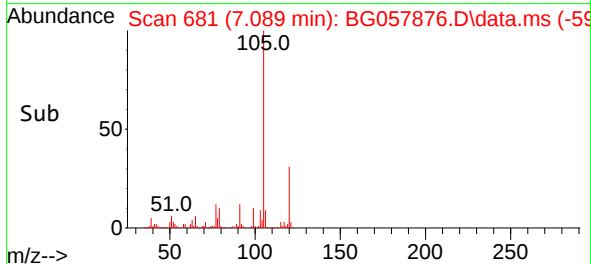
Instrument :
BNA_G
ClientSampleId :
MW-08



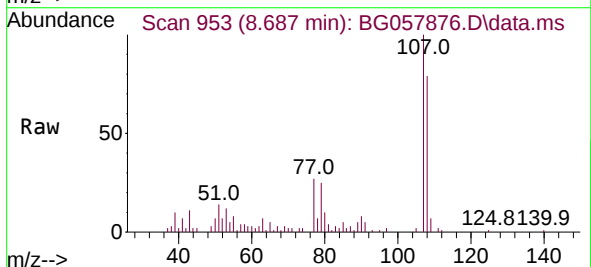
Tgt Ion: 99 Resp: 106570
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 32.1 23.9 35.9

Manual Integrations
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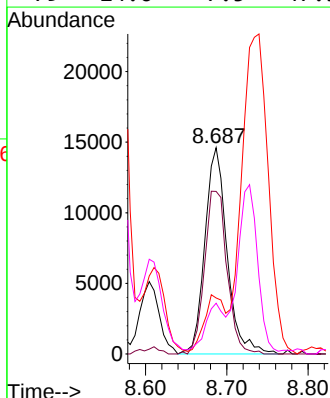
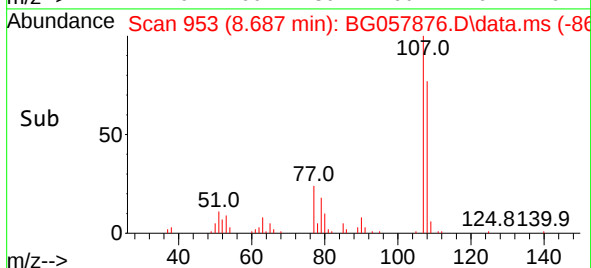
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

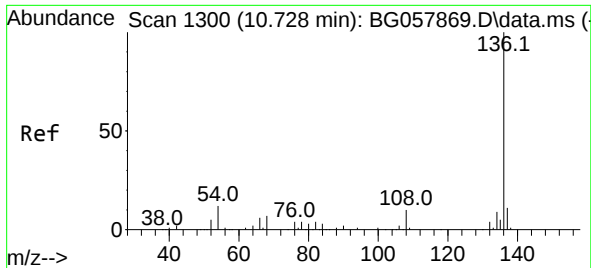


#20
3+4-Methylphenols
Concen: 8.072 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



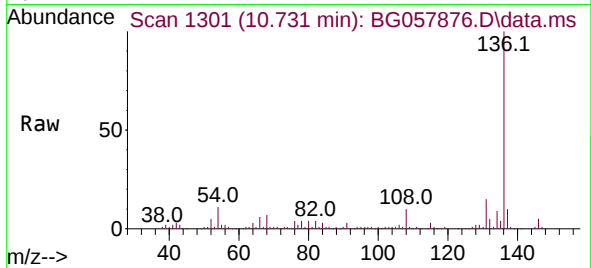
Tgt Ion:107 Resp: 27681
Ion Ratio Lower Upper
107 100
108 78.9 67.7 107.7
77 27.1 11.8 51.8
79 24.6 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

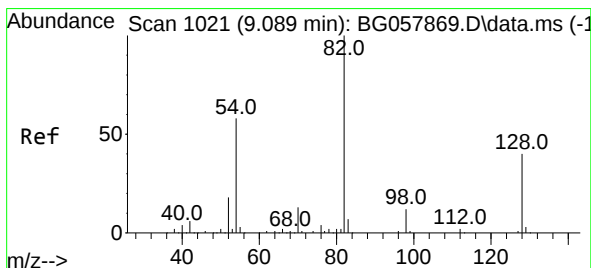
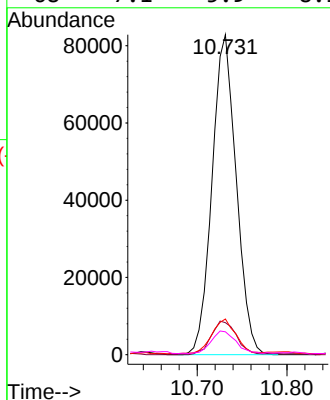
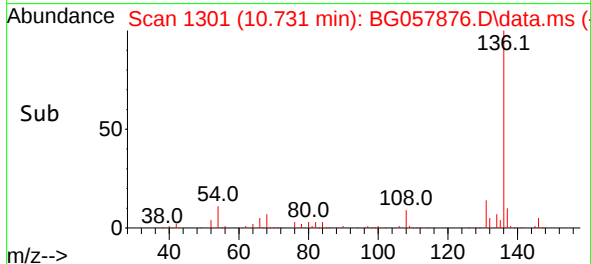
Instrument :
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ClientSampleId :
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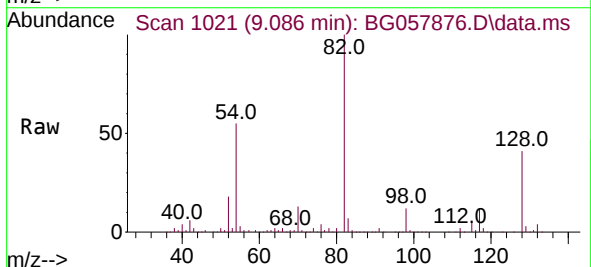
Tgt Ion:136 Resp: 154970
Ion Ratio Lower Upper
136 100
137 10.0 8.6 12.8
54 11.2 9.3 13.9
68 7.1 5.9 8.9

Manual Integrations
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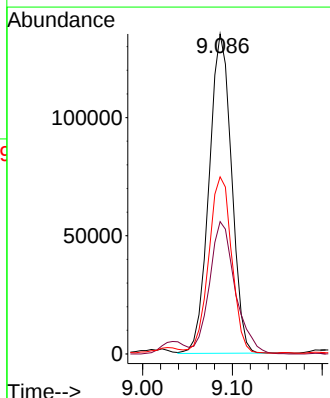
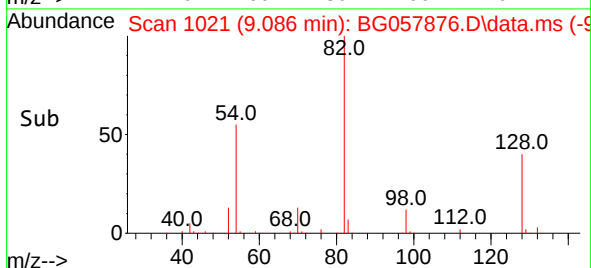
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

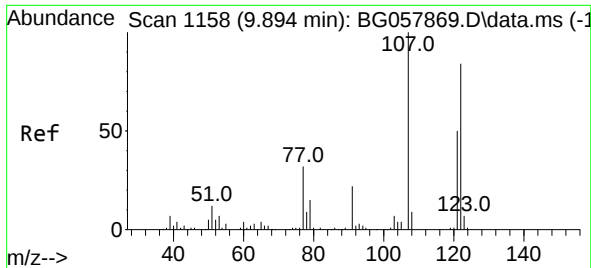


#23
Nitrobenzene-d5
Concen: 74.323 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



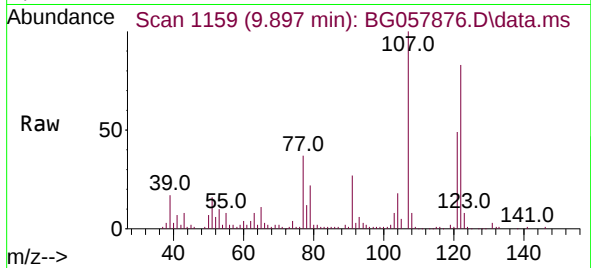
Tgt Ion: 82 Resp: 235020
Ion Ratio Lower Upper
82 100
128 41.3 32.2 48.4
54 55.4 46.1 69.1





#27
2,4-Dimethylphenol
Concen: 46.613 ng m
RT: 9.897 min Scan# 1158
Delta R.T. 0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

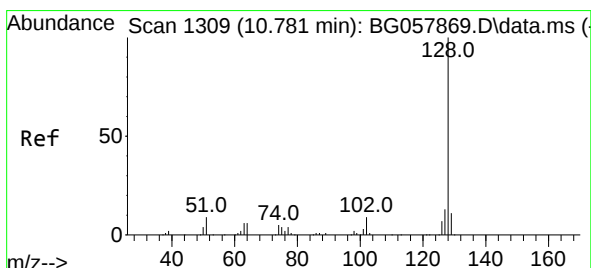
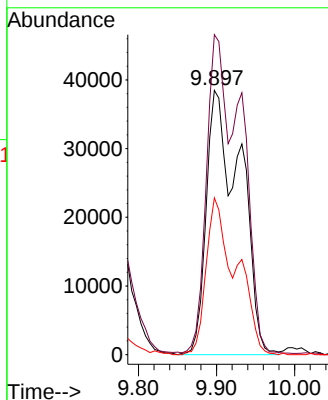
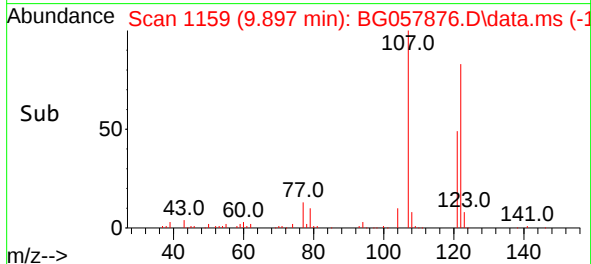
Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:122 Resp: 116235
Ion Ratio Lower Upper
122 100
107 121.1 94.9 142.3
121 59.3 46.8 70.2

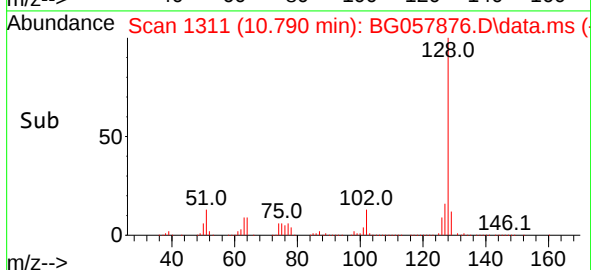
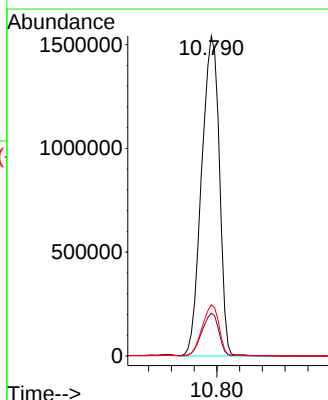
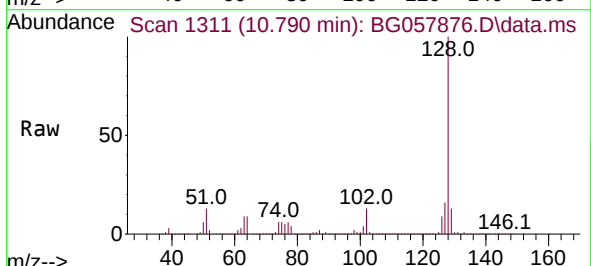
Manual Integrations
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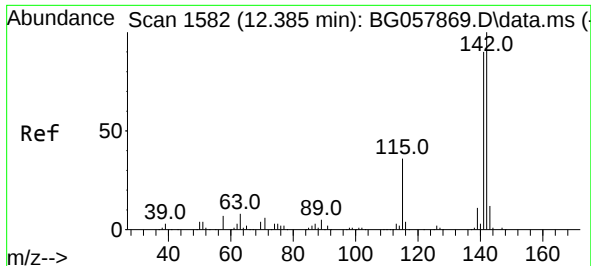
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#31
Naphthalene
Concen: 402.310 ng
RT: 10.790 min Scan# 1311
Delta R.T. 0.009 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

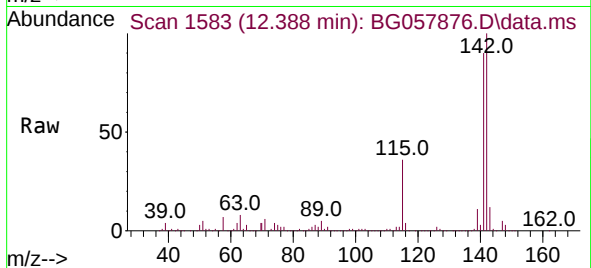
Tgt Ion:128 Resp: 3328021
Ion Ratio Lower Upper
128 100
129 13.4 8.5 12.7#
127 16.0 10.3 15.5#





#37
2-Methylnaphthalene
Concen: 108.201 ng
RT: 12.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

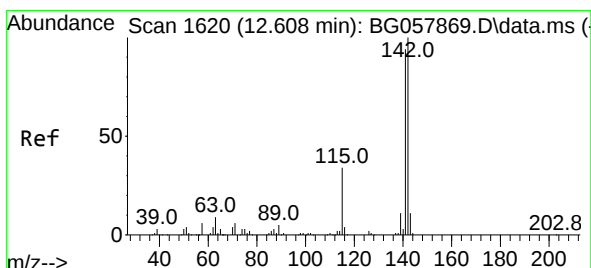
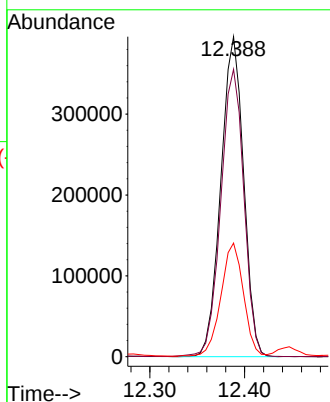
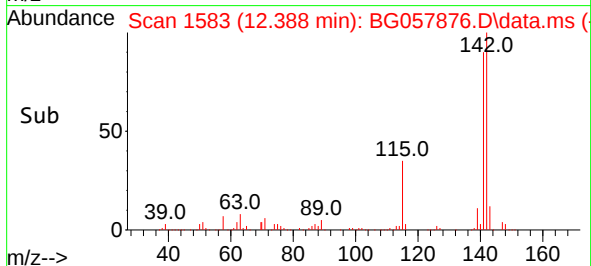
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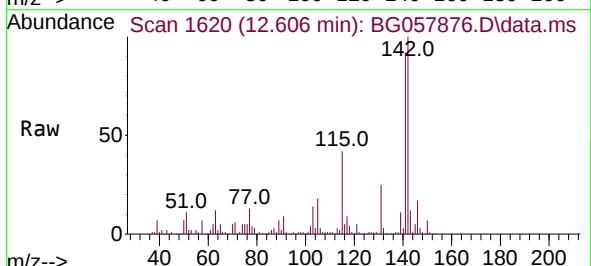
Tgt Ion:142 Resp: 659800
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 35.5 28.6 42.8

Manual Integrations
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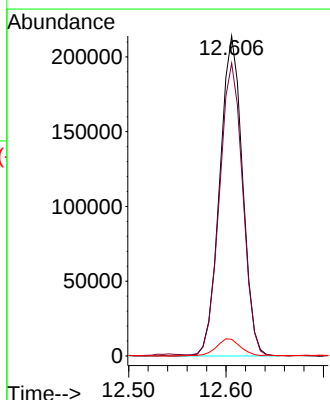
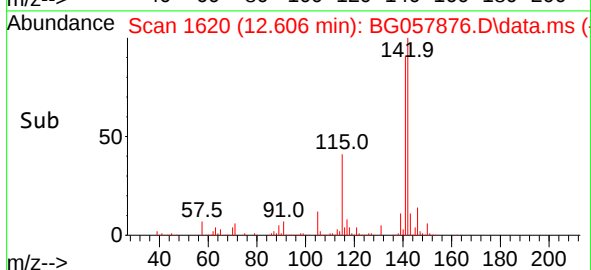
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

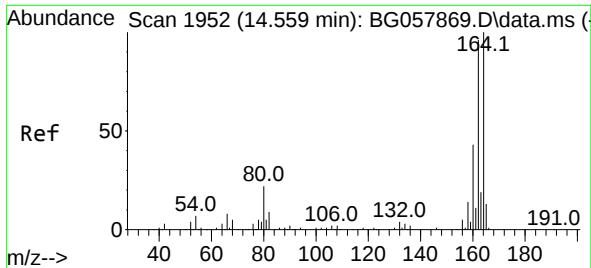


#38
1-Methylnaphthalene
Concen: 60.315 ng m
RT: 12.606 min Scan# 1620
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



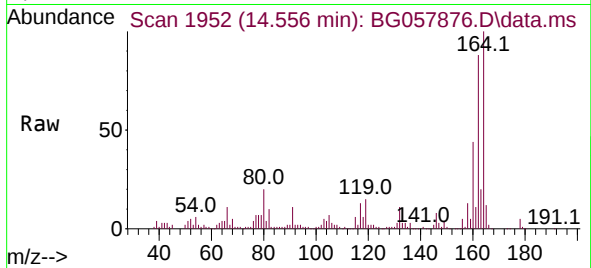
Tgt Ion:142 Resp: 347542
Ion Ratio Lower Upper
142 100
141 91.5 74.8 112.2
116 5.2 3.0 4.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

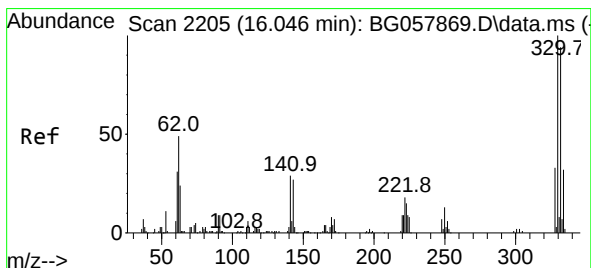
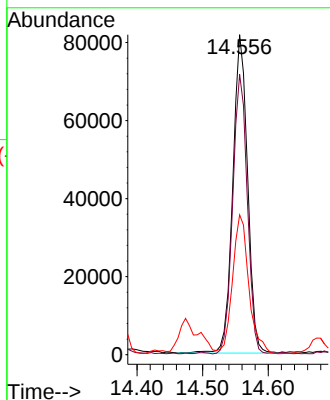
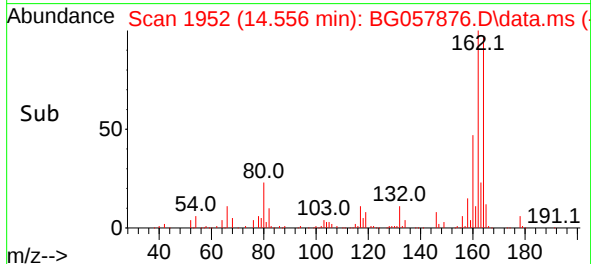
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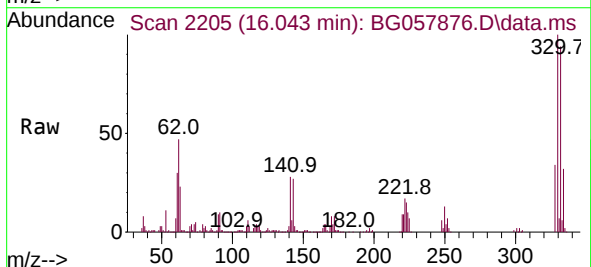
Tgt Ion:164 Resp: 128030
Ion Ratio Lower Upper
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162 87.6 76.4 114.6
160 43.7 34.2 51.2

Manual Integrations
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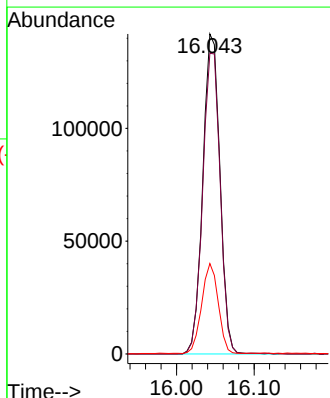
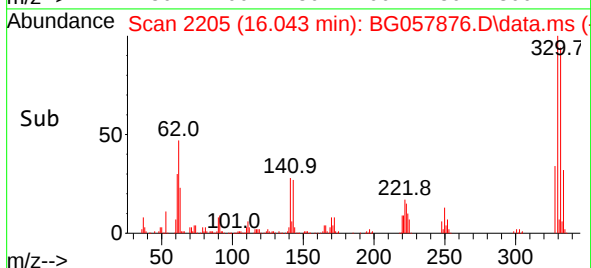
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

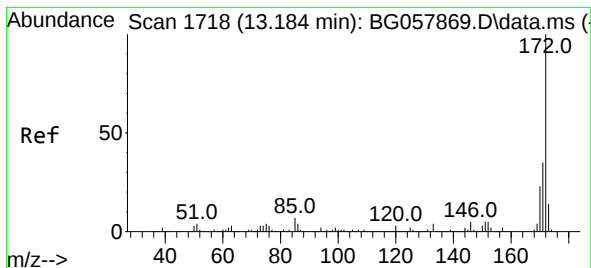


#42
2,4,6-Tribromophenol
Concen: 101.132 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



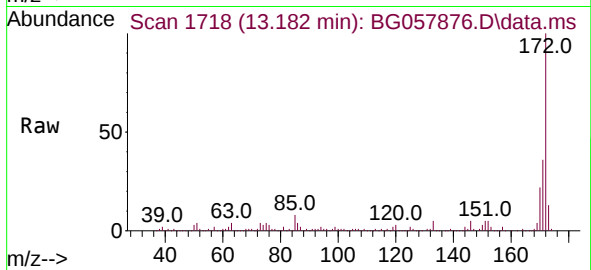
Tgt Ion:330 Resp: 217473
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 27.0 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 65.558 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

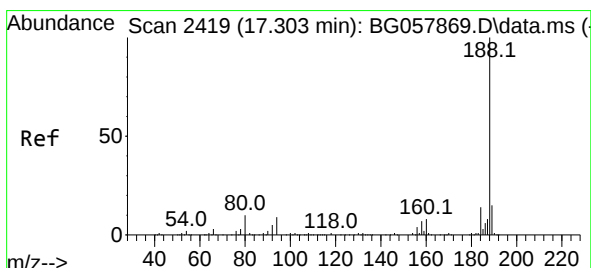
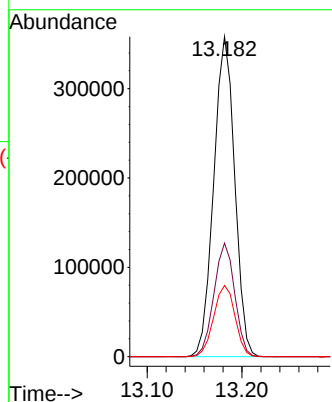
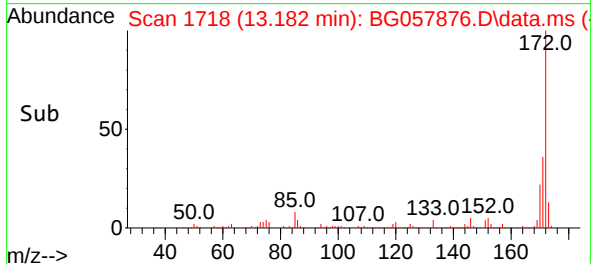
Instrument :
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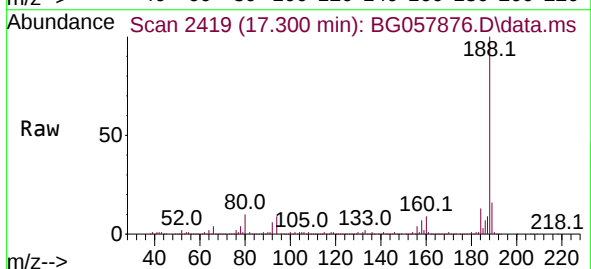
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Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 22.2 18.6 27.8

Manual Integrations
APPROVED

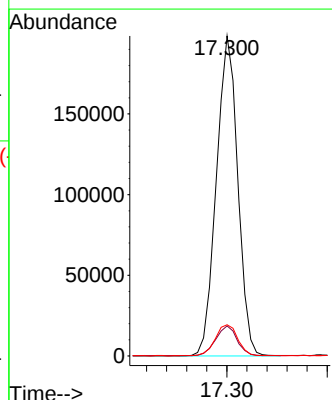
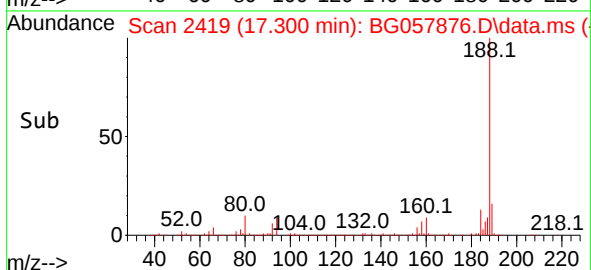
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

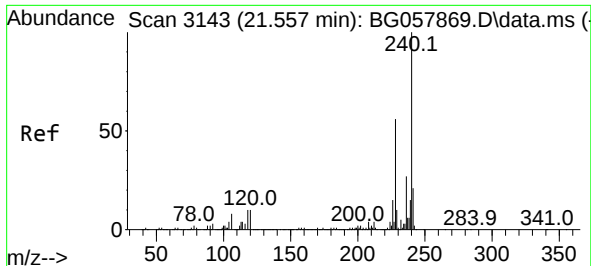


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



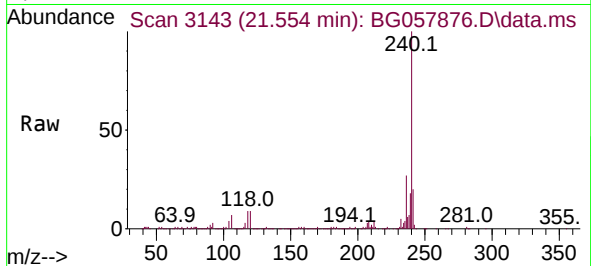
Tgt Ion:188 Resp: 293313
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.8 8.4 12.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21

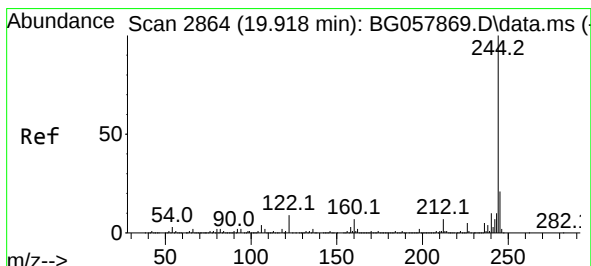
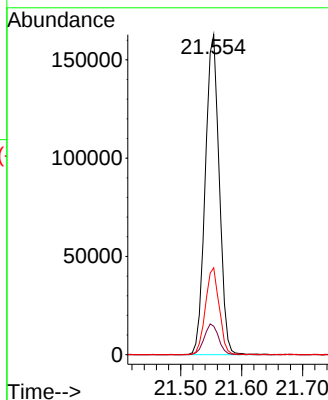
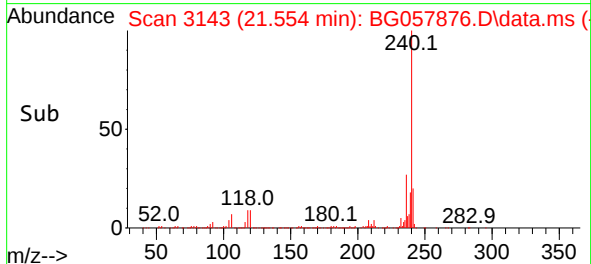
Instrument :
BNA_G
ClientSampleId :
MW-08



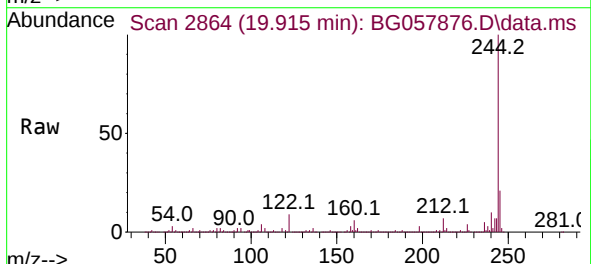
Tgt Ion:240 Resp: 259720
Ion Ratio Lower Upper
240 100
120 8.9 8.1 12.1
236 27.2 21.9 32.9

Manual Integrations
APPROVED

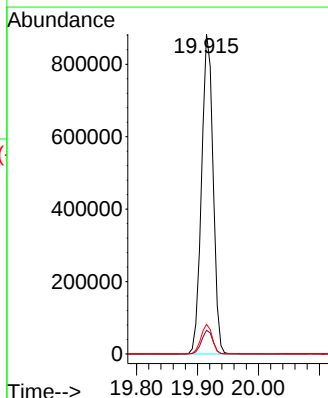
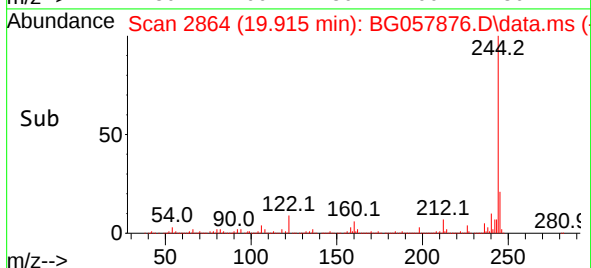
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

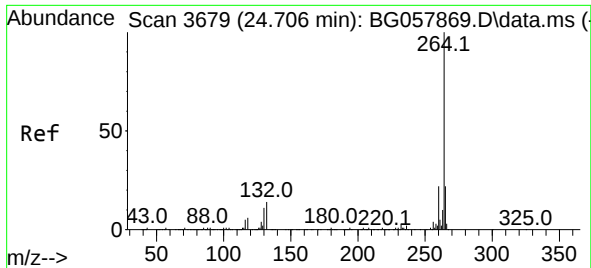


#79
Terphenyl-d14
Concen: 81.726 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057876.D
Acq: 27 Jun 2023 21:21



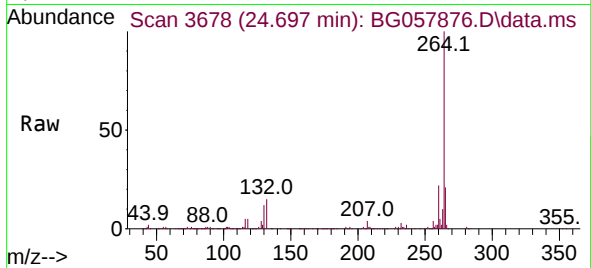
Tgt Ion:244 Resp: 1164306
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.2 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG057876.D
 Acq: 27 Jun 2023 21:21

Instrument :
 BNA_G
 ClientSampleId :
 MW-08



Tgt Ion:264 Resp: 31077
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 21.1 17.3 25.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

