

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053753.D
 Acq On : 28 May 2022 16:31
 Operator : CG/JU
 Sample : N3056-09DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/29/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 29 02:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	37826	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	153726	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	110244	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	271877	20.000	ng	0.00
76) Chrysene-d12	21.599	240	285682	20.000	ng	-0.01
86) Perylene-d12	24.777	264	253710	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	27447	12.315	ng	0.00
7) Phenol-d6	7.154	99	26678	7.887	ng	0.00
23) Nitrobenzene-d5	9.116	82	60857	16.852	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	43025	26.461	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	149678	19.840	ng	0.00
79) Terphenyl-d14	19.948	244	220767	14.393	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.956	122	5328m	2.501	ng	
31) Naphthalene	10.807	128	350842	44.867	ng	99
37) 2-Methylnaphthalene	12.417	142	50649	8.679	ng	97
38) 1-Methylnaphthalene	12.634	142	45330m	7.962	ng	

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

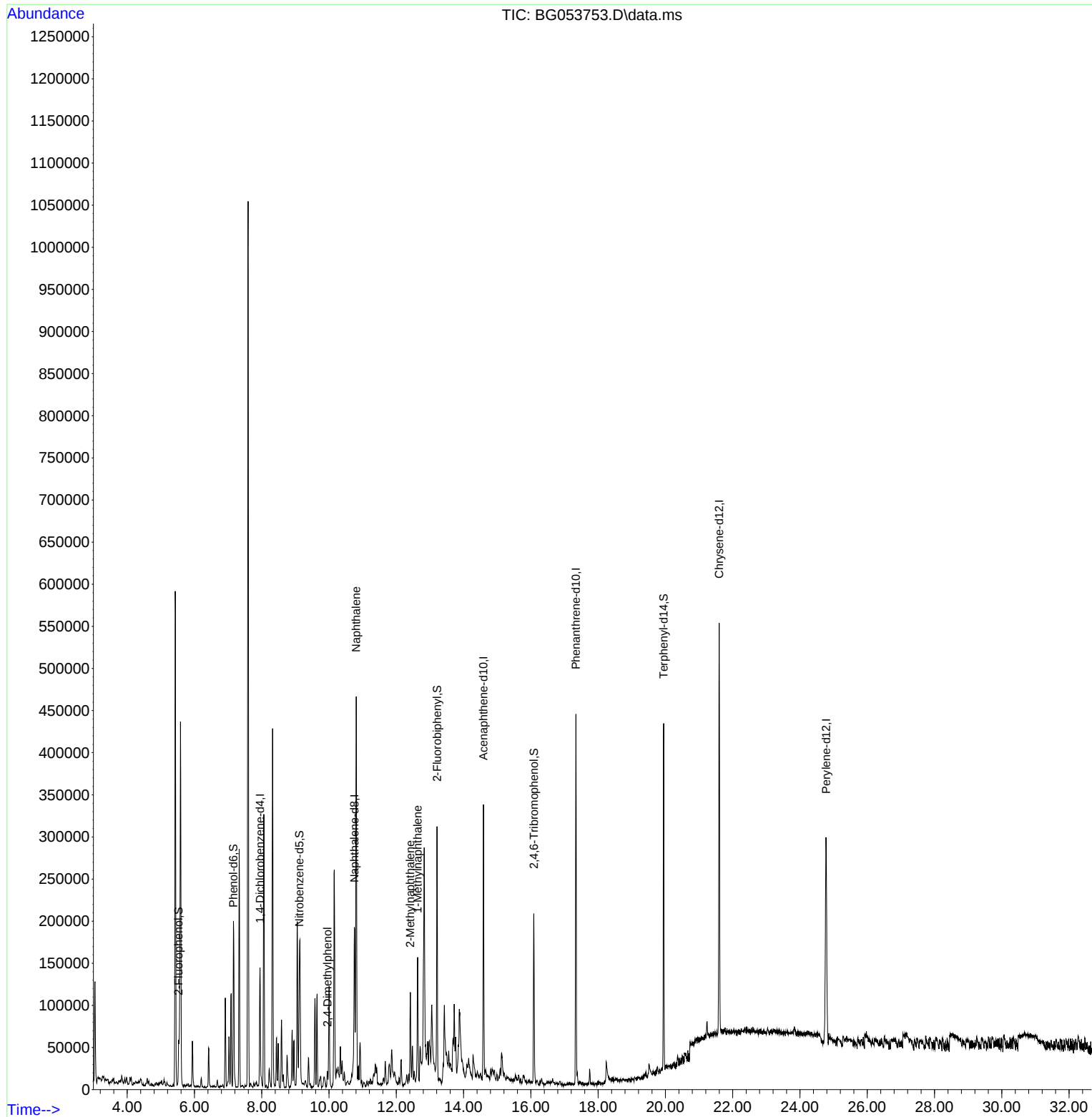
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053753.D
Acq On : 28 May 2022 16:31
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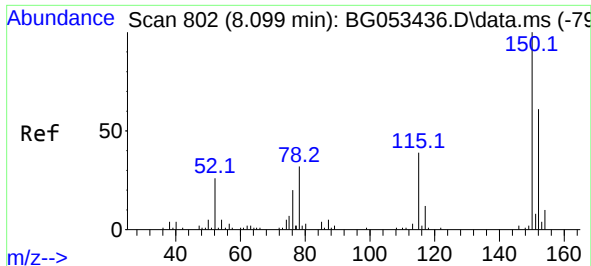
Instrument :
BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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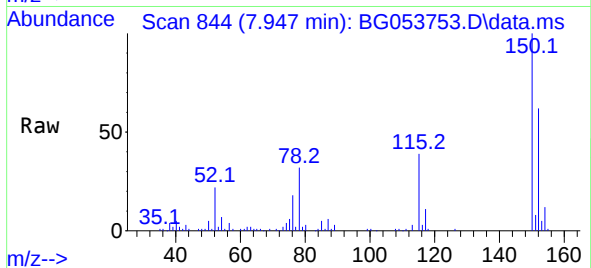
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Instrument :

BNA_G

ClientSampleId :

MW-02DL

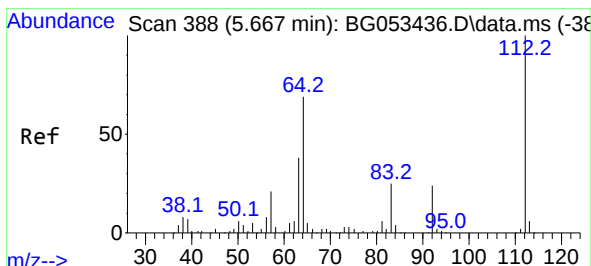
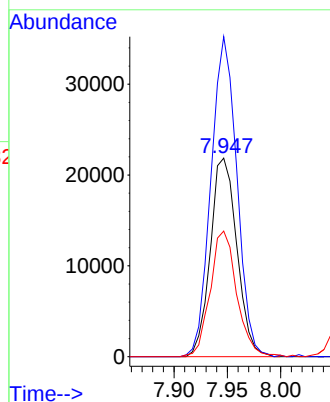


Tgt Ion:152 Resp: 37820
Ion Ratio Lower Upper
152 100
150 161.2 131.6 197.4
115 63.3 50.9 76.3

Manual Integrations

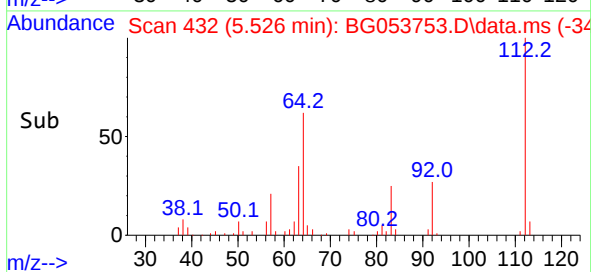
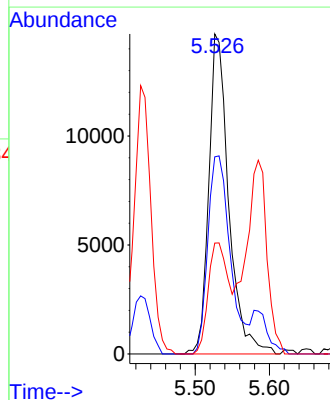
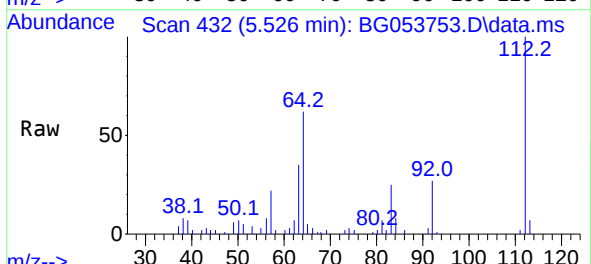
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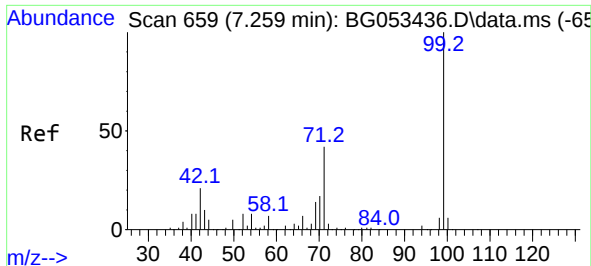
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#5
2-Fluorophenol
Concen: 12.315 ng
RT: 5.526 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

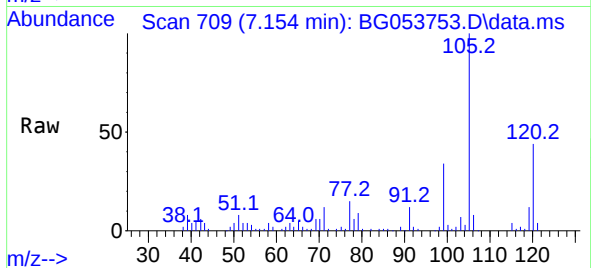
Tgt Ion:112 Resp: 27447
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 34.7 30.4 45.6





#7
Phenol-d6
Concen: 7.887 ng
RT: 7.154 min Scan# 709
Delta R.T. 0.001 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

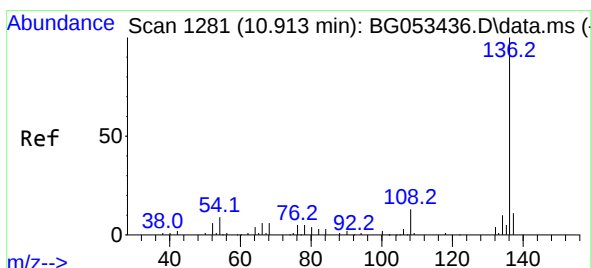
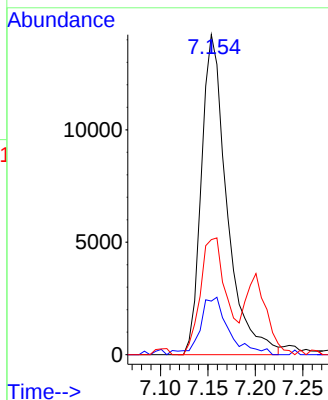
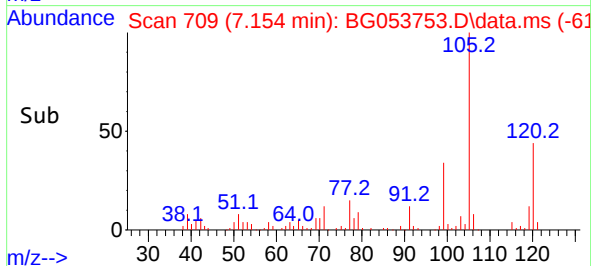
Instrument :
BNA_G
ClientSampleId :
MW-02DL



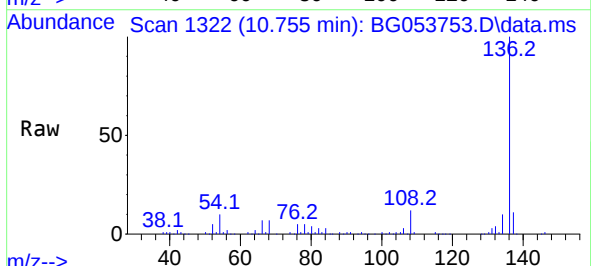
Tgt Ion: 99 Resp: 26678
Ion Ratio Lower Upper
99 100
42 16.8 17.0 25.6
71 36.0 33.8 50.8

Manual Integrations
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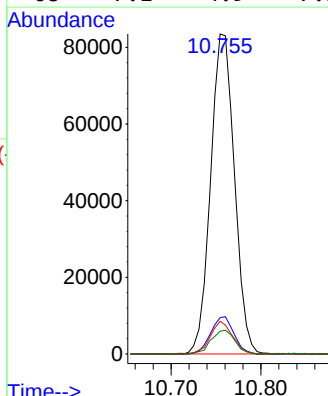
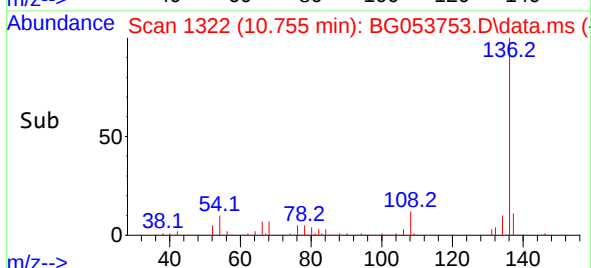
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

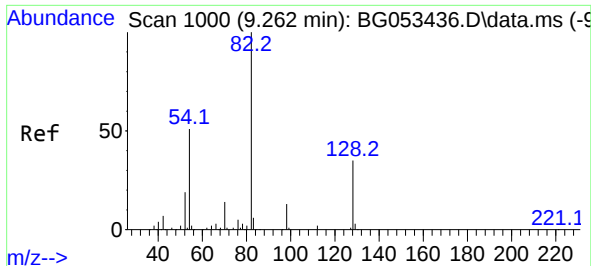


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31



Tgt Ion:136 Resp: 153726
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.2 7.4 11.2
68 7.1 4.9 7.3





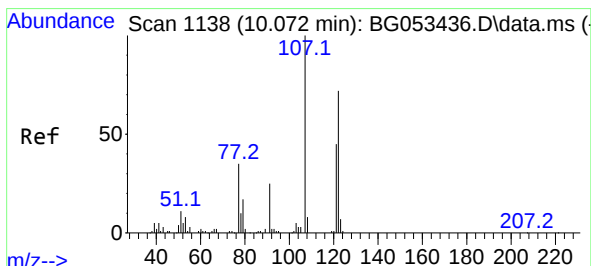
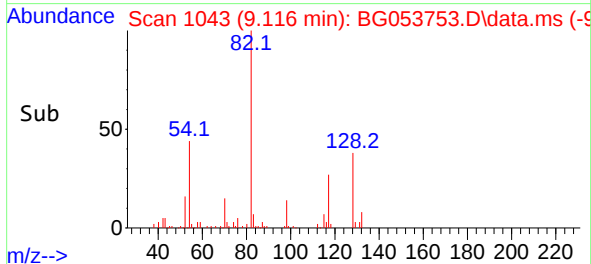
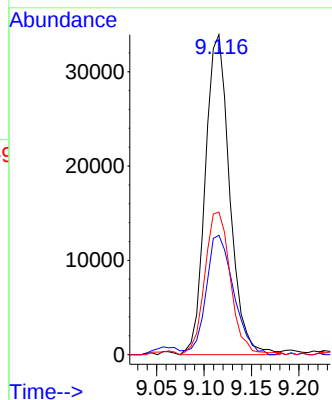
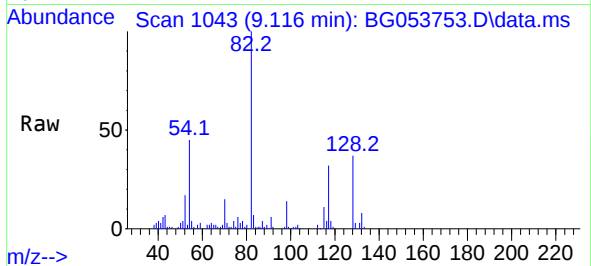
#23
Nitrobenzene-d5
Concen: 16.852 ng
RT: 9.116 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Instrument :
BNA_G
ClientSampleId :
MW-02DL

Tgt Ion: 82 Resp: 6085
Ion Ratio Lower Upper
82 100
128 37.3 27.9 41.9
54 44.6 41.2 61.8

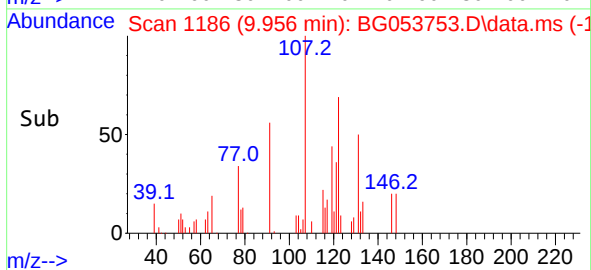
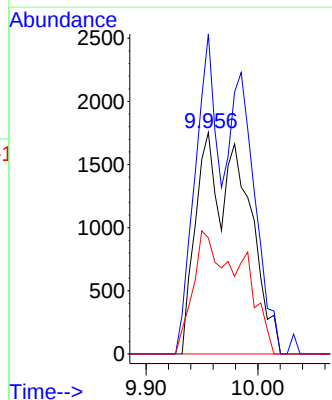
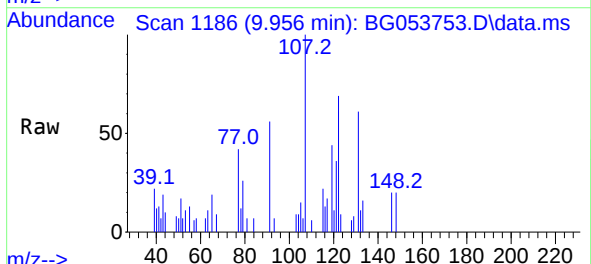
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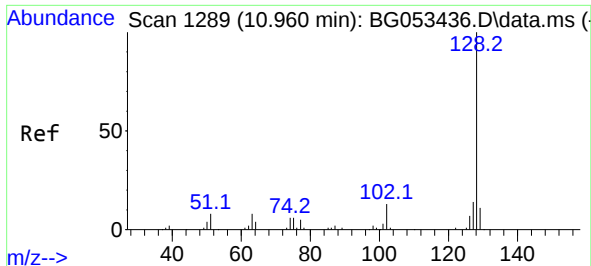
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#27
2,4-Dimethylphenol
Concen: 2.501 ng m
RT: 9.956 min Scan# 1186
Delta R.T. 0.001 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:122 Resp: 5328
Ion Ratio Lower Upper
122 100
107 144.6 109.4 164.0
121 52.4 48.7 73.1





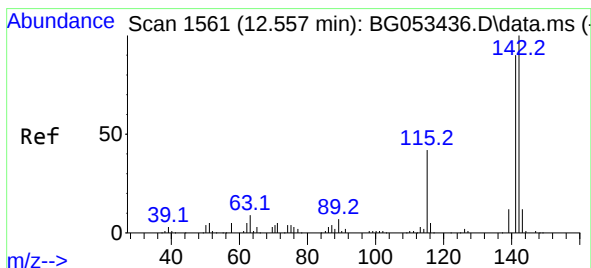
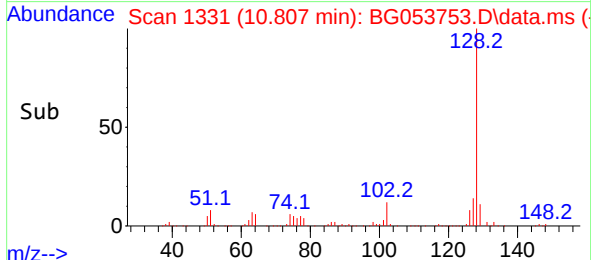
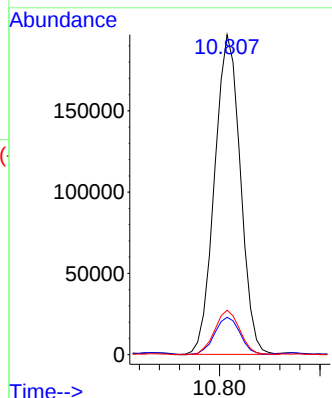
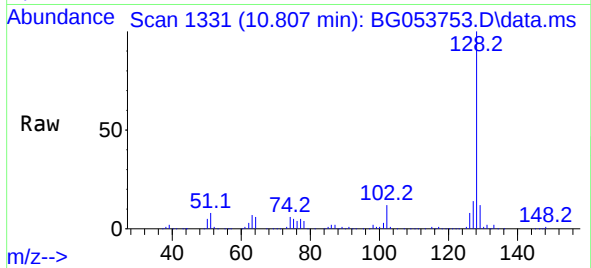
#31
Naphthalene
Concen: 44.867 ng
RT: 10.807 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Instrument :
BNA_G
ClientSampleId :
MW-02DL

Tgt Ion:128 Resp: 35084
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 11.1 16.7

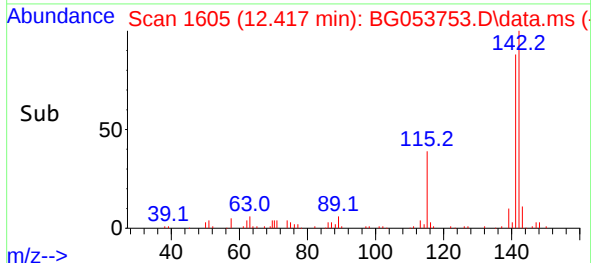
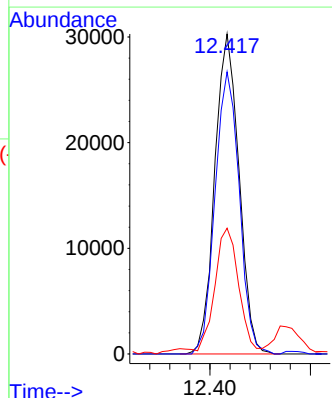
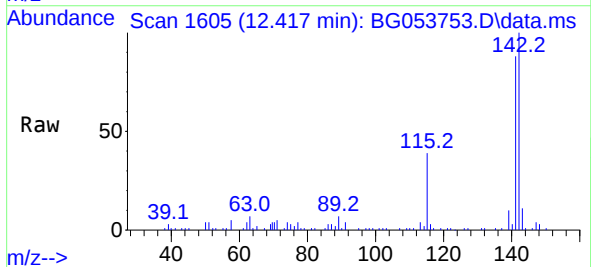
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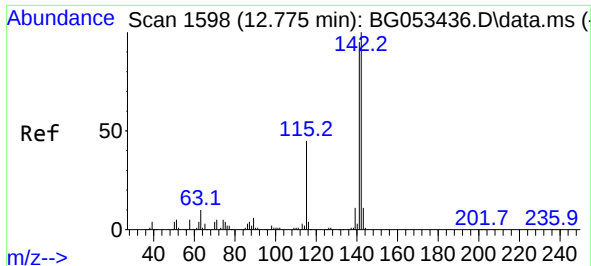
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#37
2-Methylnaphthalene
Concen: 8.679 ng
RT: 12.417 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

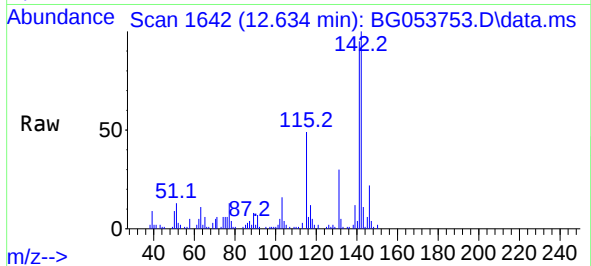
Tgt Ion:142 Resp: 50649
Ion Ratio Lower Upper
142 100
141 88.1 72.3 108.5
115 39.3 33.7 50.5





#38
1-Methylnaphthalene
Concen: 7.962 ng m
RT: 12.634 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

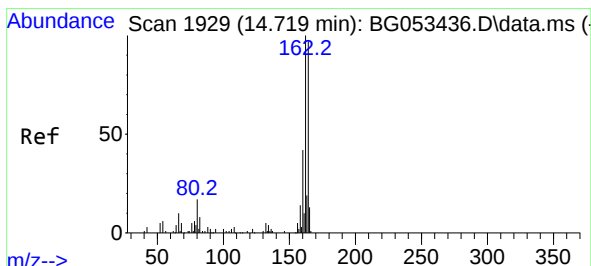
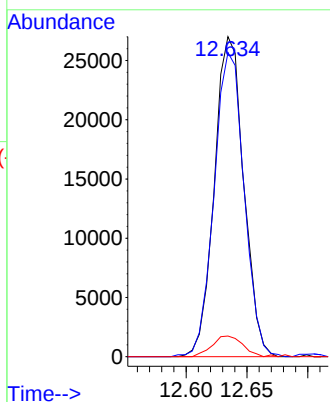
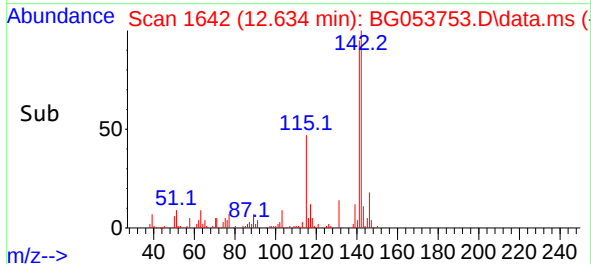
Instrument :
BNA_G
ClientSampleId :
MW-02DL



Tgt Ion:142 Resp: 45330
Ion Ratio Lower Upper
142 100
141 95.1 76.4 114.6
116 6.5 3.3 4.9

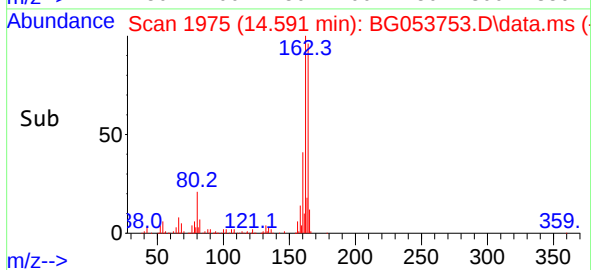
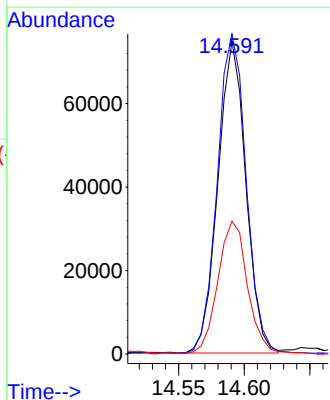
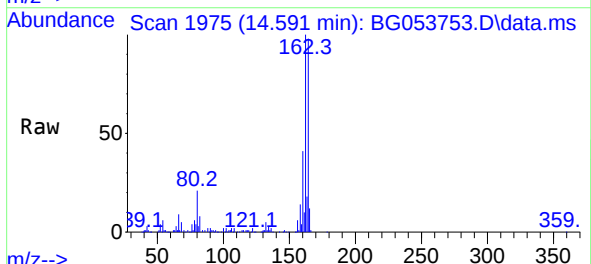
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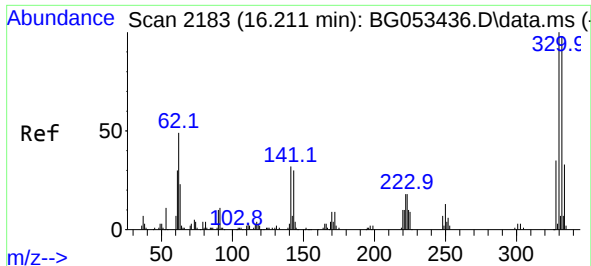
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

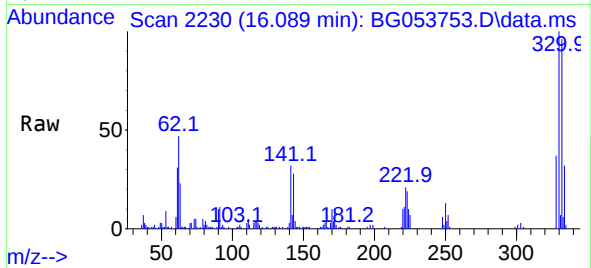
Tgt Ion:164 Resp: 110244
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 42.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 26.461 ng
RT: 16.089 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

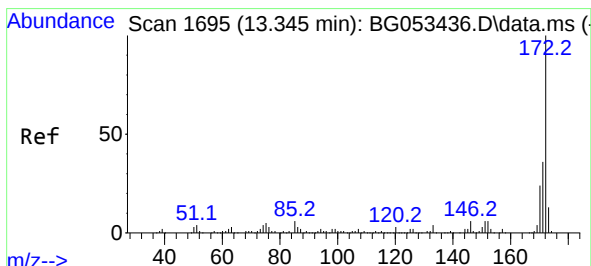
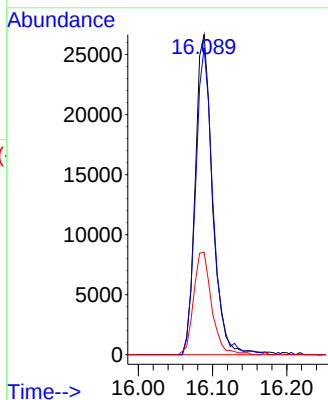
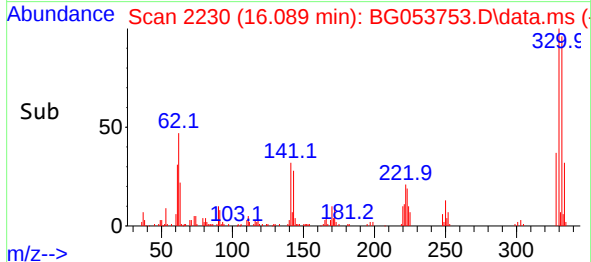
Instrument :
BNA_G
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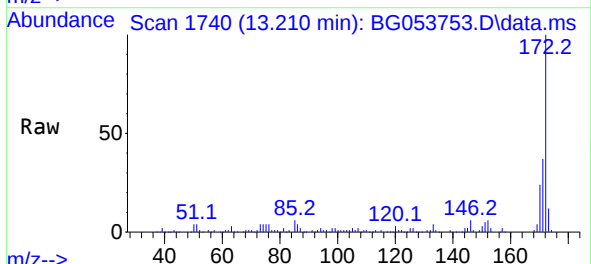
Tgt Ion:330 Resp: 43025
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 33.4 27.1 40.7

Manual Integrations
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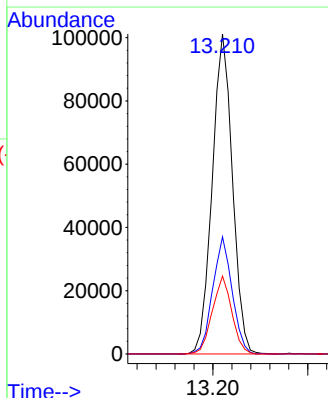
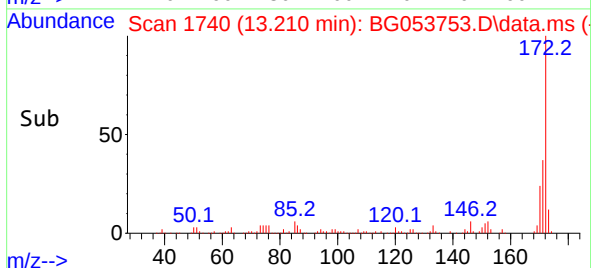
Reviewed By :Christian Giraldo 05/29/2022
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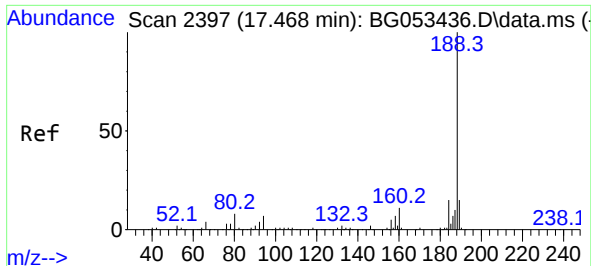


#45
2-Fluorobiphenyl
Concen: 19.840 ng
RT: 13.210 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31



Tgt Ion:172 Resp: 149678
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Instrument :

BNA_G

ClientSampleId :

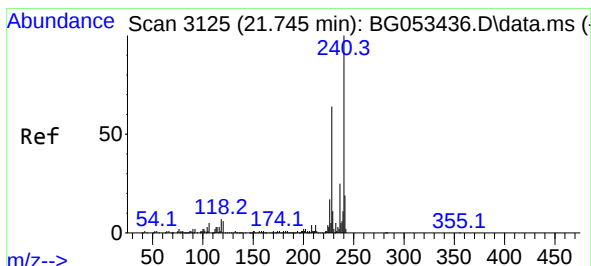
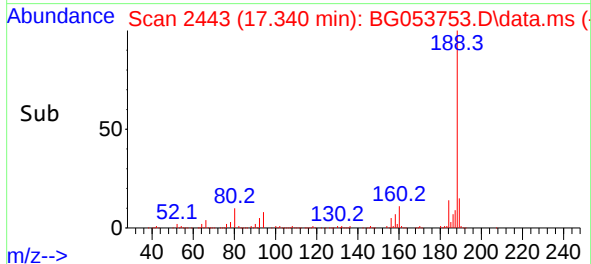
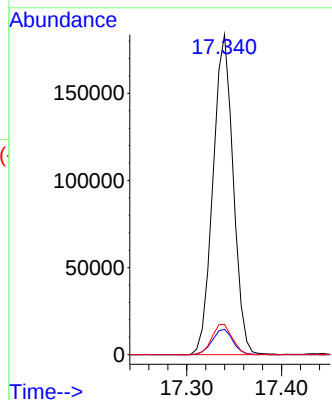
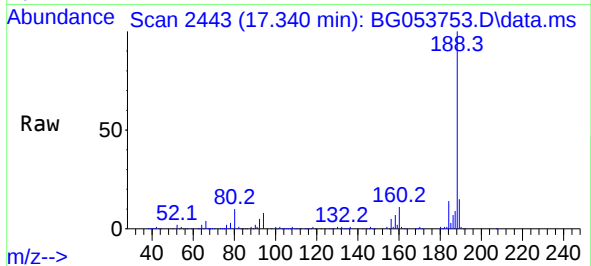
MW-02DL

Tgt Ion:188 Resp: 27187
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.0
80 9.5 6.8 10.2

Manual Integrations

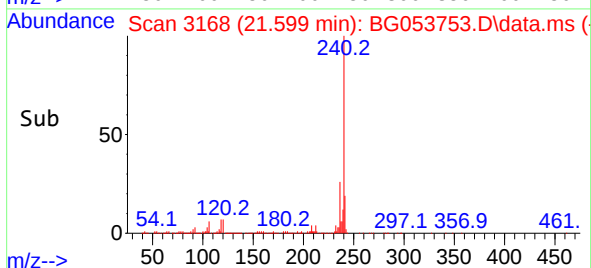
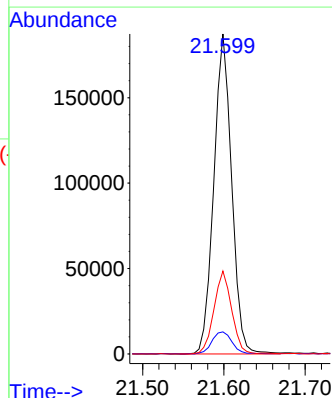
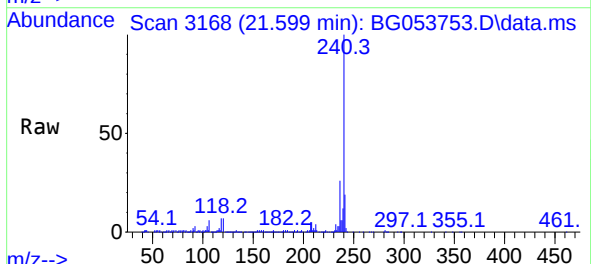
APPROVED

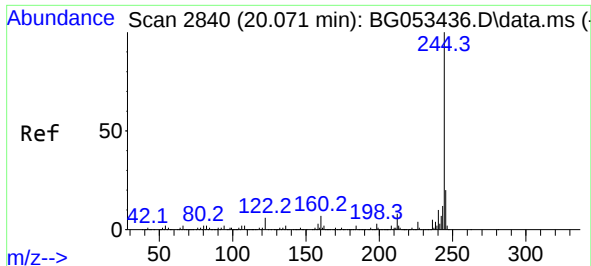
Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.599 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG053753.D
Acq: 28 May 2022 16:31

Tgt Ion:240 Resp: 285682
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.9 20.2 30.4





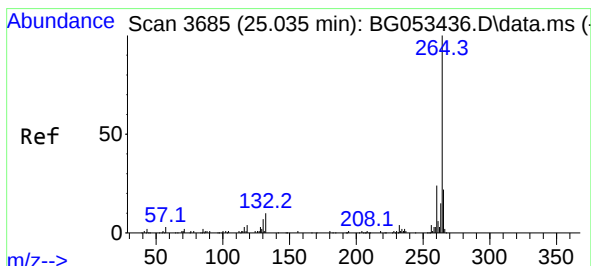
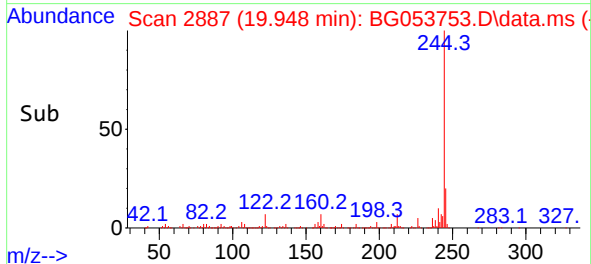
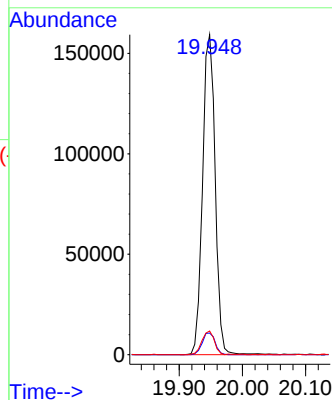
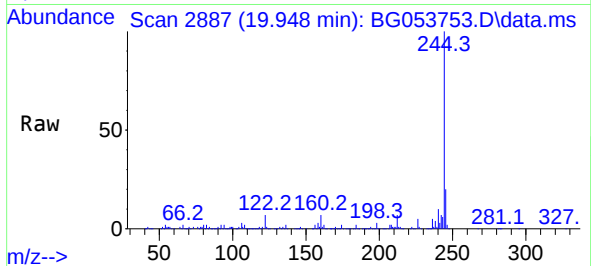
#79
 Terphenyl-d14
 Concen: 14.393 ng
 RT: 19.948 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053753.D
 Acq: 28 May 2022 16:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-02DL

Tgt Ion:244 Resp: 22076
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 7.4 5.0 7.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/29/2022
 Supervised By :Jagrut Upadhyay 05/31/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.777 min Scan# 3709
 Delta R.T. -0.011 min
 Lab File: BG053753.D
 Acq: 28 May 2022 16:31

Tgt Ion:264 Resp: 253710
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 20.8 17.4 26.2

