

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053680.D
 Acq On : 24 May 2022 11:29
 Operator : CG/JU
 Sample : N2968-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/25/2022
 Supervised By :Jagrut Upadhyay 05/25/2022

Quant Time: May 24 15:00:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	21110	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	91212	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	71987	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	176144	20.000	ng	0.00
76) Chrysene-d12	21.712	240	179733	20.000	ng	0.00
86) Perylene-d12	24.972	264	178906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	58736	47.221	ng	0.00
7) Phenol-d6	7.232	99	66537	35.247	ng	0.00
23) Nitrobenzene-d5	9.223	82	205224	95.778	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	116506	109.733	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	477538	96.936	ng	0.00
79) Terphenyl-d14	20.038	244	845740	87.639	ng	0.00
Target Compounds						
31) Naphthalene	10.921	128	13828m	2.980	ng	Qvalue
38) 1-Methylnaphthalene	12.742	142	10233	3.029	ng	# 95

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

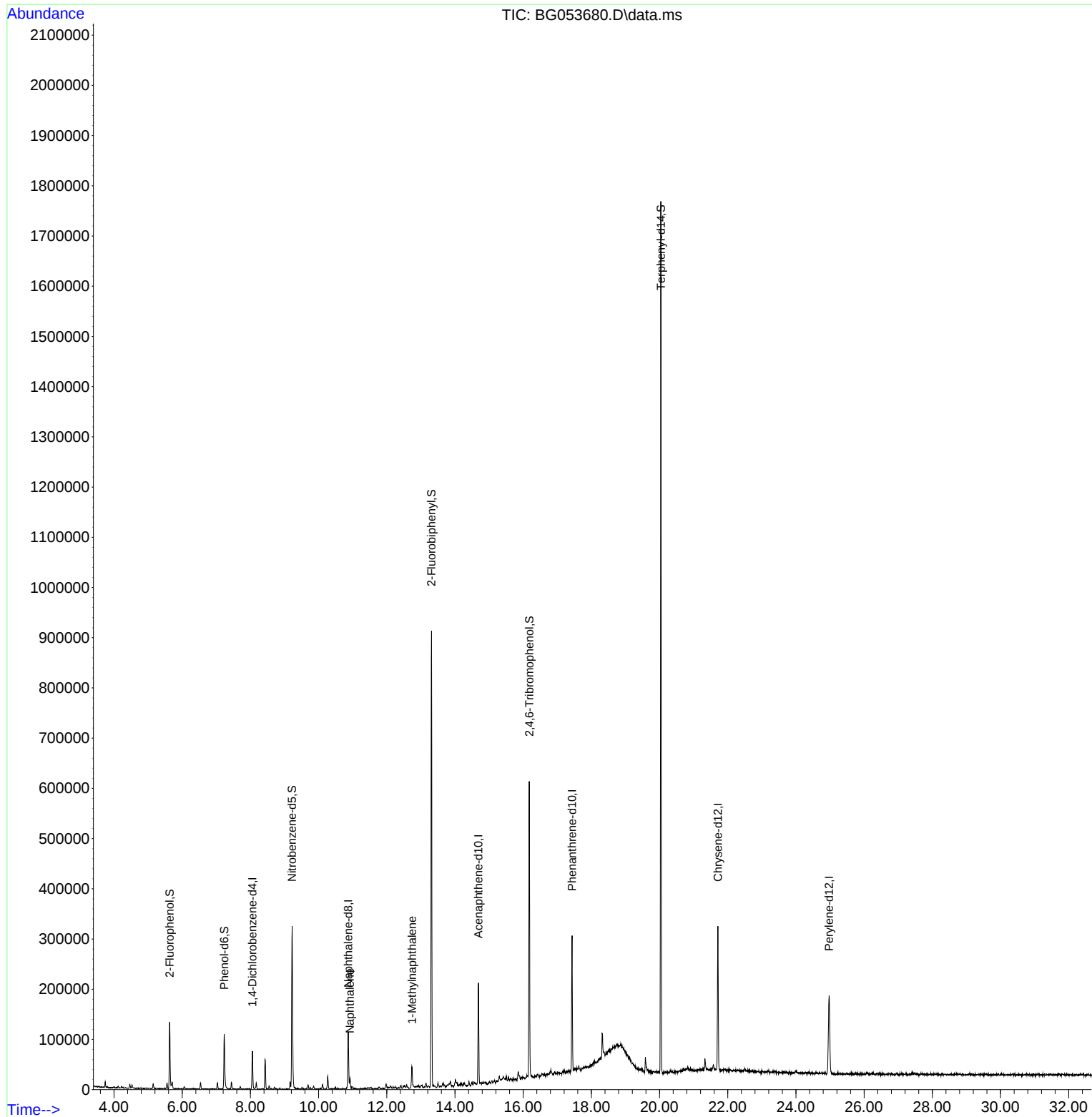
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053680.D
Acq On : 24 May 2022 11:29
Operator : CG/JU
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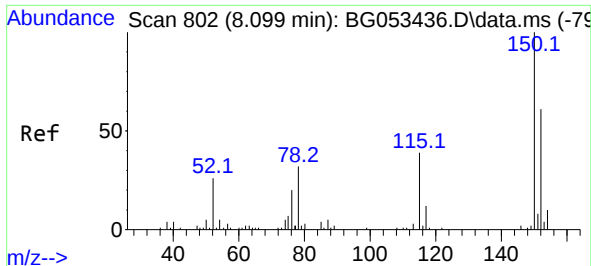
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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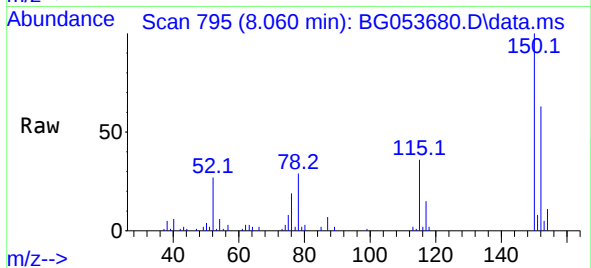
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 795
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

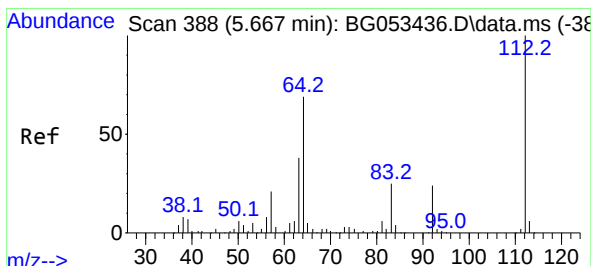
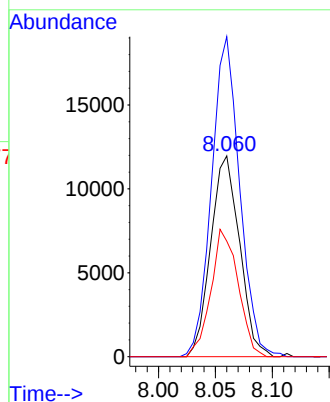
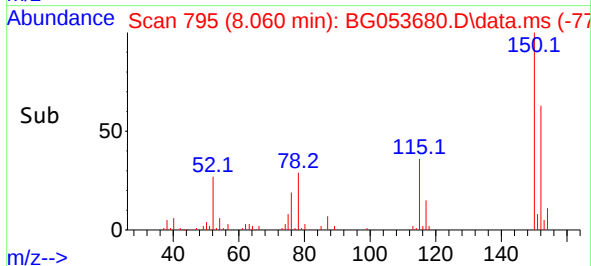


Tgt Ion:152 Resp: 21110
Ion Ratio Lower Upper
152 100
150 159.3 131.6 197.4
115 57.5 50.9 76.3

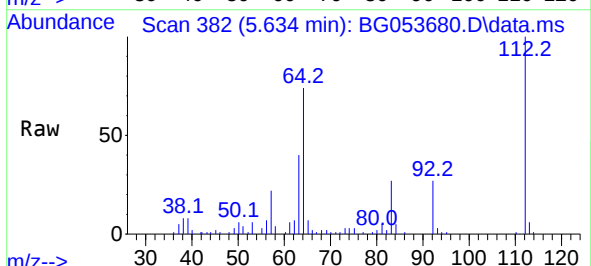
Manual Integrations

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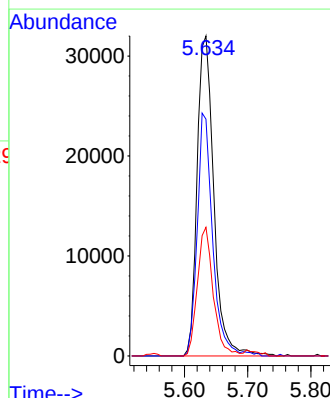
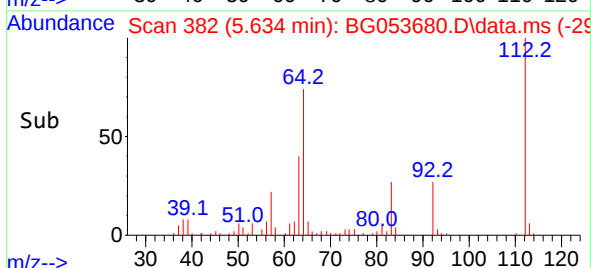
Reviewed By :Christian Giraldo 05/25/2022
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#5
2-Fluorophenol
Concen: 47.221 ng
RT: 5.634 min Scan# 382
Delta R.T. 0.008 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29



Tgt Ion:112 Resp: 58736
Ion Ratio Lower Upper
112 100
64 74.0 55.1 82.7
63 40.2 30.4 45.6





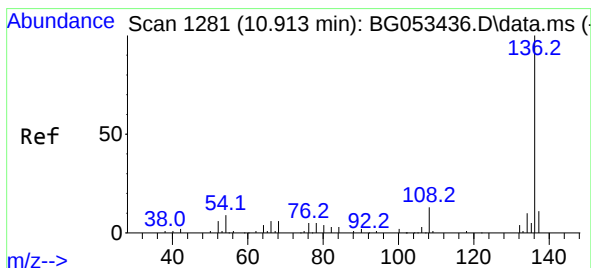
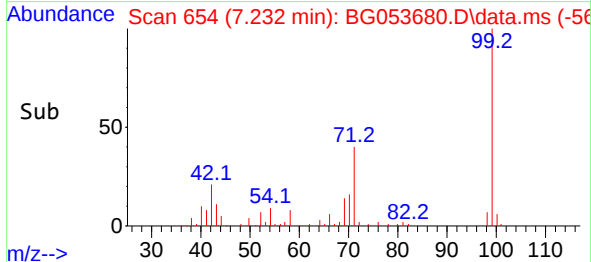
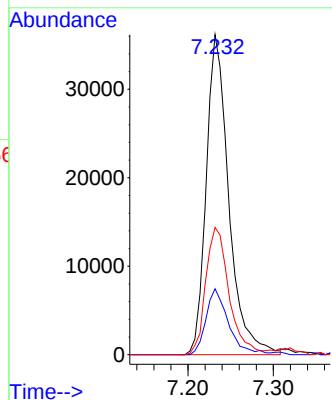
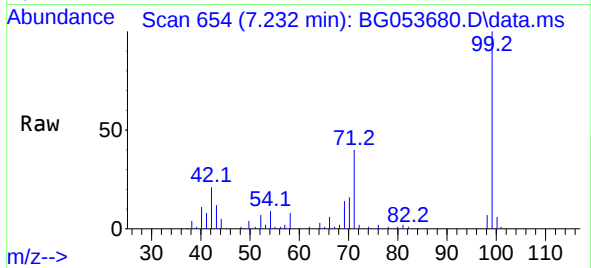
#7
Phenol-d6
Concen: 35.247 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Instrument :
BNA_G
ClientSampleId :
MW-31

Tgt Ion: 99 Resp: 6653
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.7 33.8 50.8

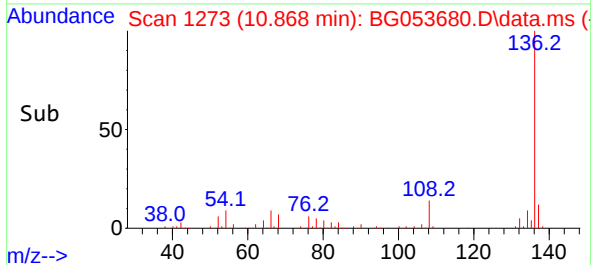
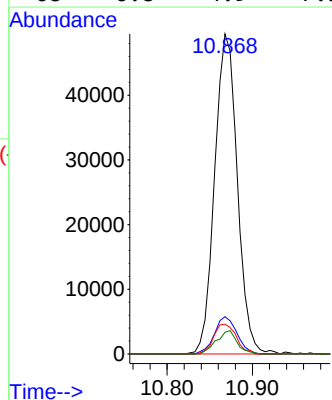
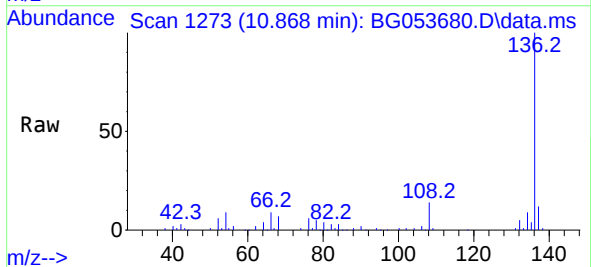
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Supervised By :Jagrut Upadhyay 05/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:136 Resp: 91212
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 9.3 7.4 11.2
68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.778 ng

RT: 9.223 min Scan# 90

Delta R.T. -0.004 min

Lab File: BG053680.D

Acq: 24 May 2022 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

Tgt Ion: 82 Resp: 205224

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

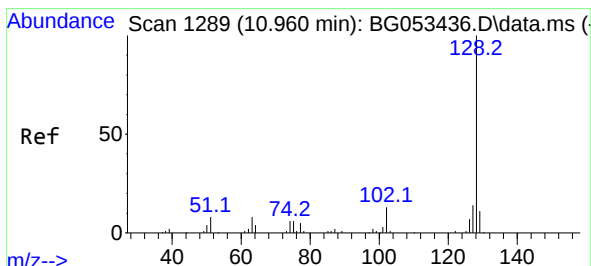
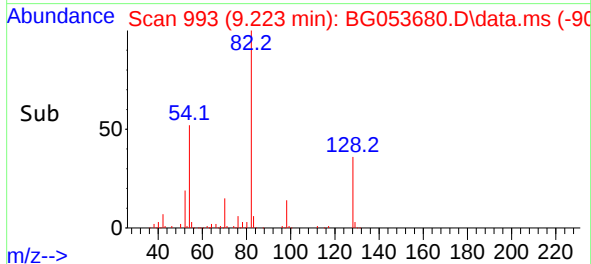
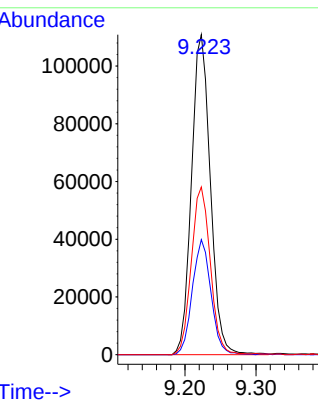
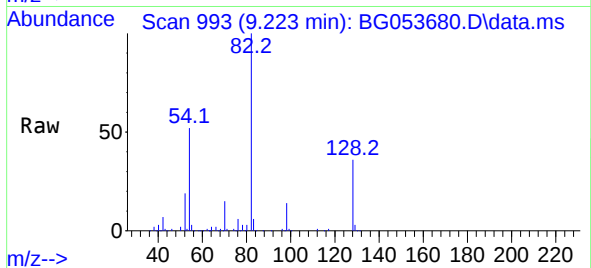
54 52.4 41.2 61.8

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#31

Naphthalene

Concen: 2.980 ng m

RT: 10.921 min Scan# 1282

Delta R.T. -0.004 min

Lab File: BG053680.D

Acq: 24 May 2022 11:29

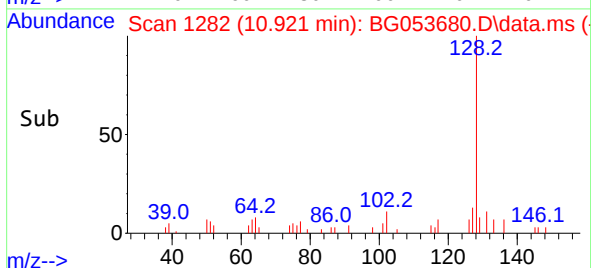
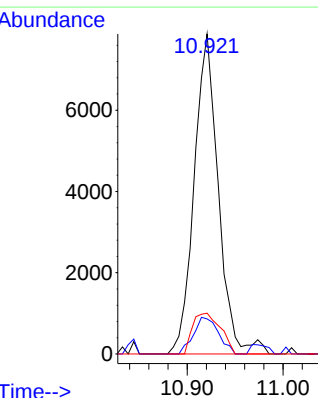
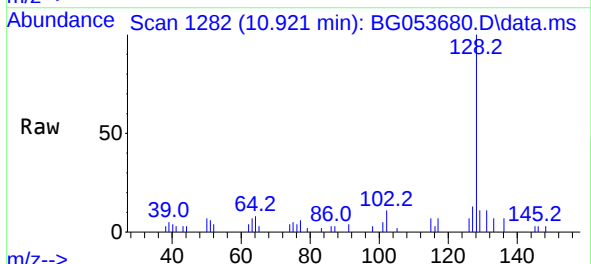
Tgt Ion:128 Resp: 13828

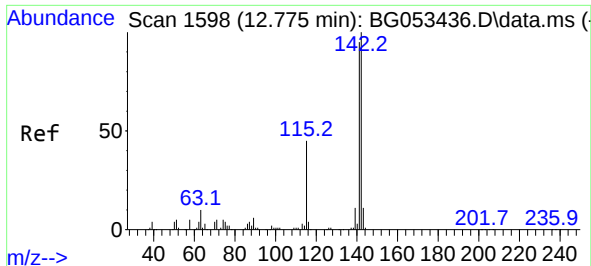
Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

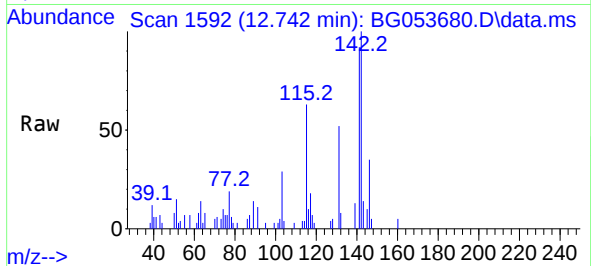
127 12.8 11.1 16.7





#38
1-Methylnaphthalene
Concen: 3.029 ng
RT: 12.742 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

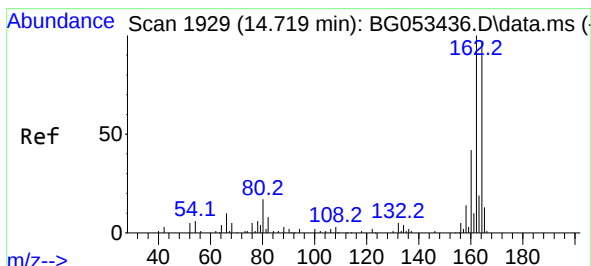
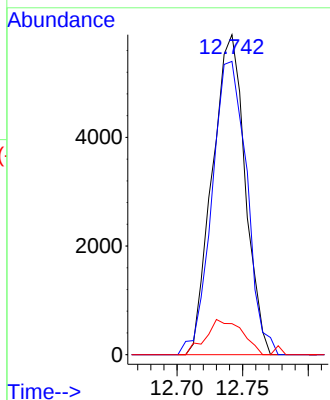
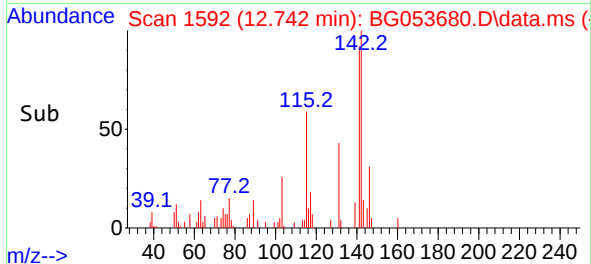
Instrument :
BNA_G
ClientSampleId :
MW-31



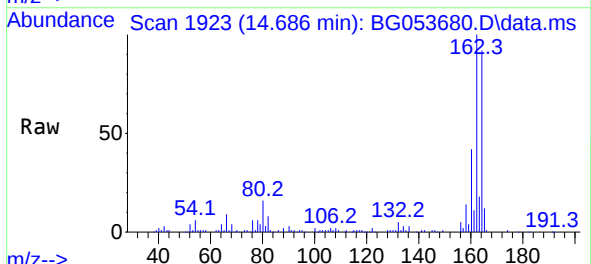
Tgt Ion:142 Resp: 1023
Ion Ratio Lower Upper
142 100
141 91.6 76.4 114.6
116 9.7 3.3 4.9

Manual Integrations
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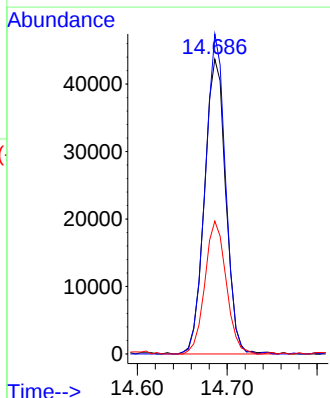
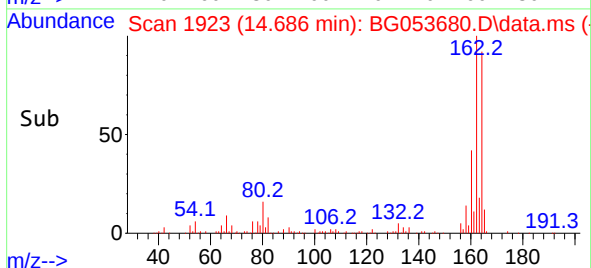
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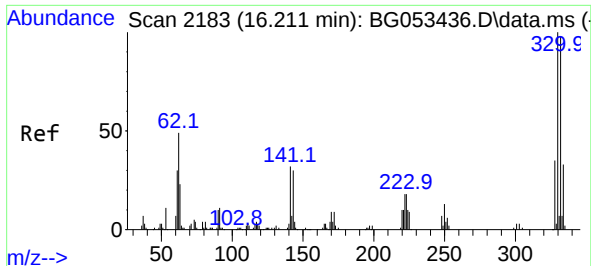


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29



Tgt Ion:164 Resp: 71987
Ion Ratio Lower Upper
164 100
162 108.6 82.3 123.5
160 45.1 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 109.733 ng
RT: 16.178 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Instrument :

BNA_G

ClientSampleId :

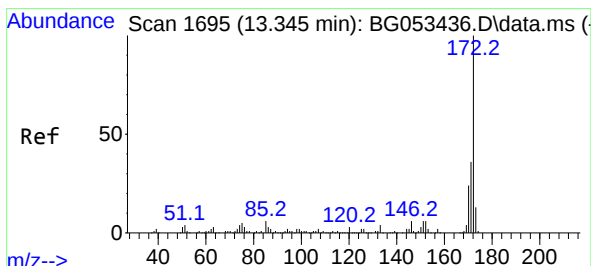
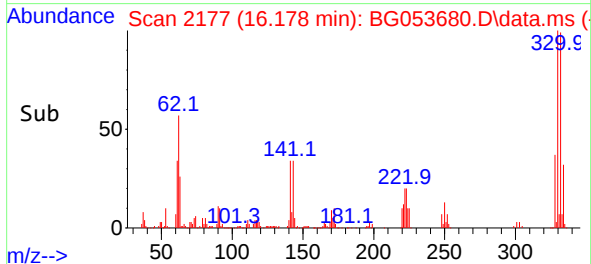
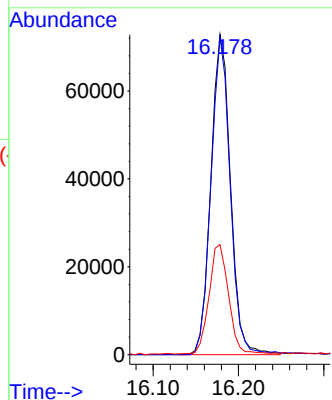
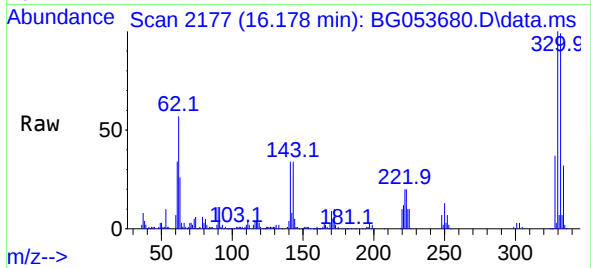
MW-31

Tgt Ion:330 Resp: 116500
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 33.8 27.1 40.7

Manual Integrations

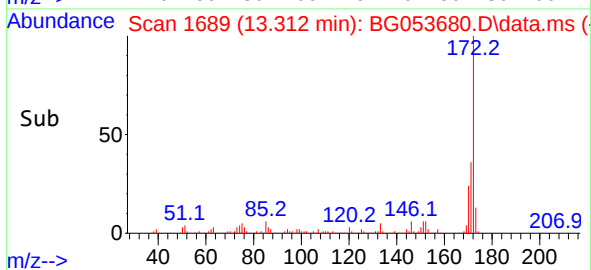
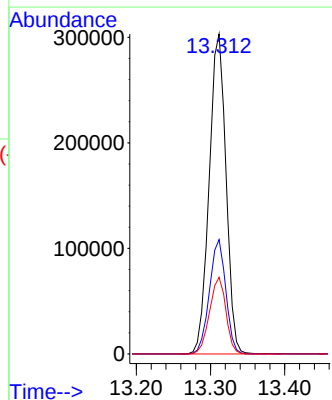
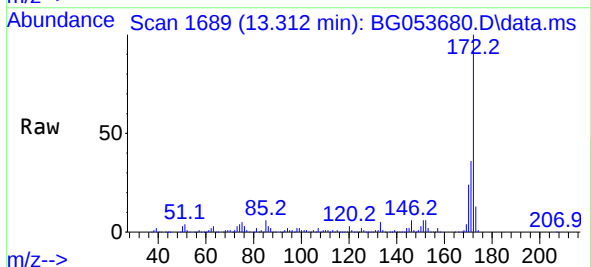
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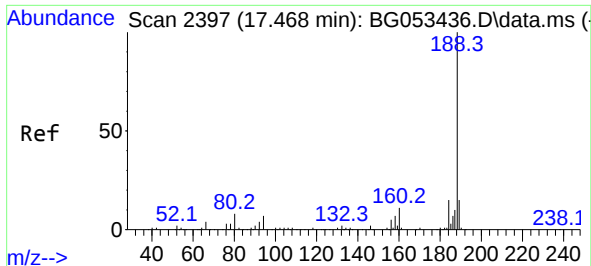
Reviewed By :Christian Giraldo 05/25/2022
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#45
2-Fluorobiphenyl
Concen: 96.936 ng
RT: 13.312 min Scan# 1689
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

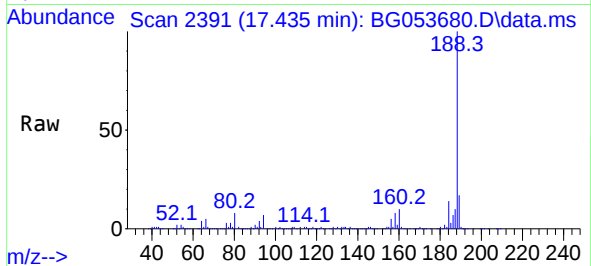
Tgt Ion:172 Resp: 477538
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.0 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

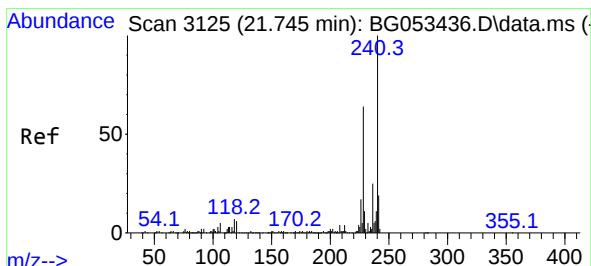
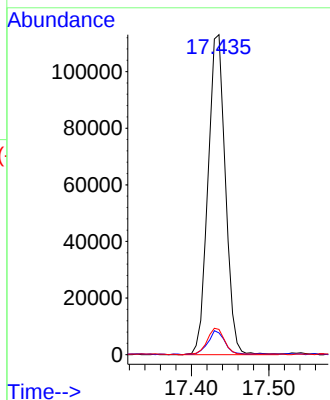
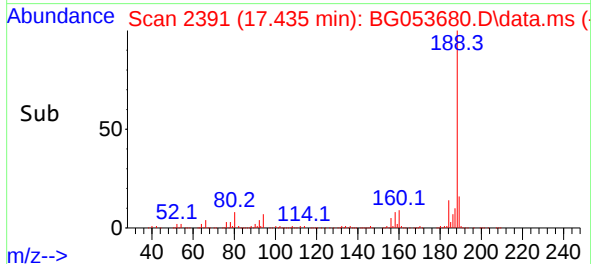
Instrument :
BNA_G
ClientSampleId :
MW-31



Tgt Ion:188 Resp: 176144
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.9 6.8 10.2

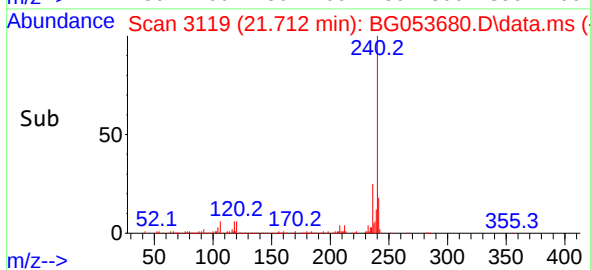
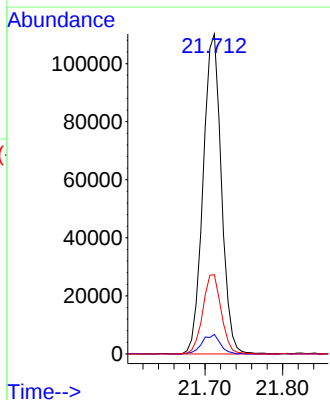
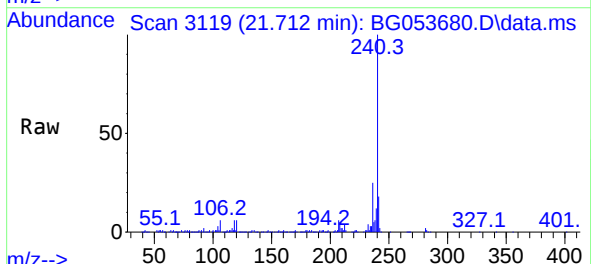
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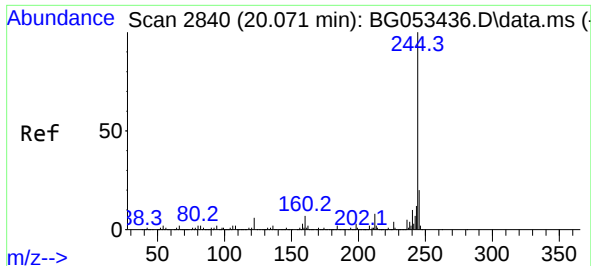
Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.712 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

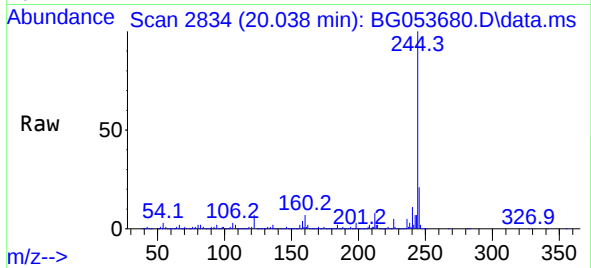
Tgt Ion:240 Resp: 179733
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.8 20.2 30.4





#79
Terphenyl-d14
Concen: 87.639 ng
RT: 20.038 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

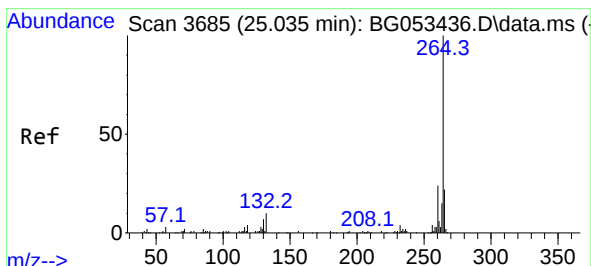
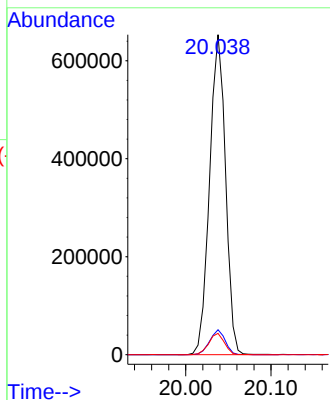
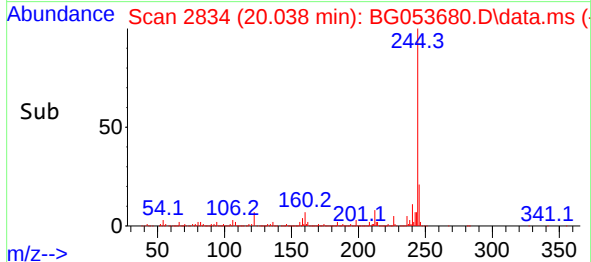
Instrument :
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Tgt Ion:244 Resp: 845740
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 6.6 5.0 7.4

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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.972 min Scan# 3674
Delta R.T. -0.010 min
Lab File: BG053680.D
Acq: 24 May 2022 11:29

Tgt Ion:264 Resp: 178906
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.6 17.4 26.2

