

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
 Data File : BG053669.D
 Acq On : 23 May 2022 18:09
 Operator : CG/JU
 Sample : N2968-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2022
 Supervised By : Jagrut Upadhyay 05/24/2022

Quant Time: May 24 05:09:52 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	8.055	152	29592	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	121299	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	90503	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	209896	20.000	ng	0.00
76) Chrysene-d12	21.713	240	204871	20.000	ng	0.00
86) Perylene-d12	24.974	264	211321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	107105	61.426	ng	0.00
7) Phenol-d6	7.233	99	144340	54.545	ng	0.00
23) Nitrobenzene-d5	9.224	82	241132	84.622	ng	0.00
42) 2,4,6-Tribromophenol	16.180	330	163057	122.157	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	544871	87.976	ng	0.00
79) Terphenyl-d14	20.039	244	921760	83.797	ng	0.00
Target Compounds						
6) Aniline	7.380	93	8720m	2.975	ng	Qvalue
10) Phenol	7.262	94	9361	3.617	ng	94
20) 3+4-Methylphenols	8.837	107	17432	7.056	ng	93
31) Naphthalene	10.922	128	224149	36.328	ng	100
37) 2-Methylnaphthalene	12.520	142	39884	8.662	ng	90
38) 1-Methylnaphthalene	12.743	142	57246	12.742	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.578	149	17124	2.551	ng	# 94

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

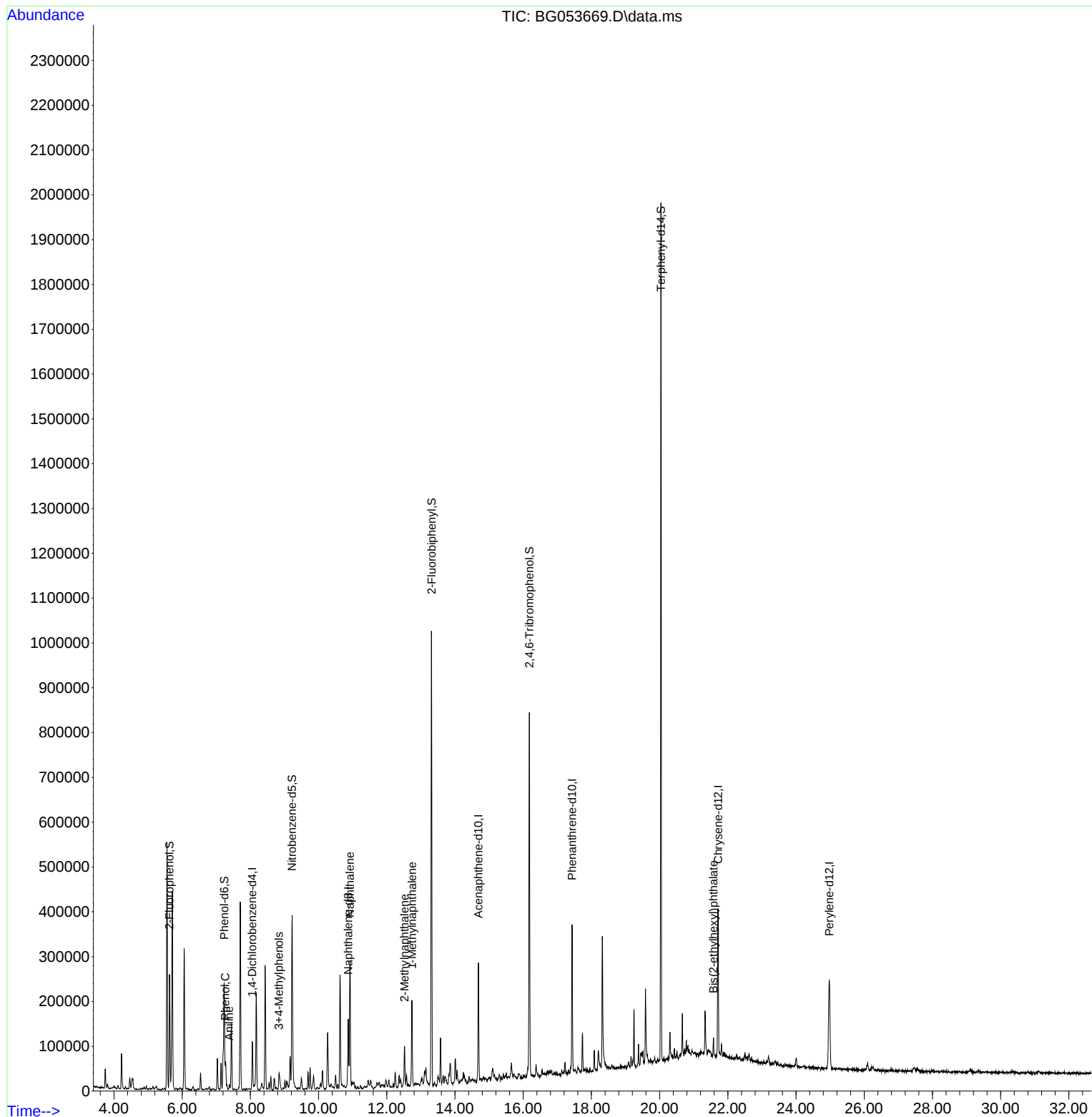
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053669.D
Acq On : 23 May 2022 18:09
Operator : CG/JU
Sample : N2968-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

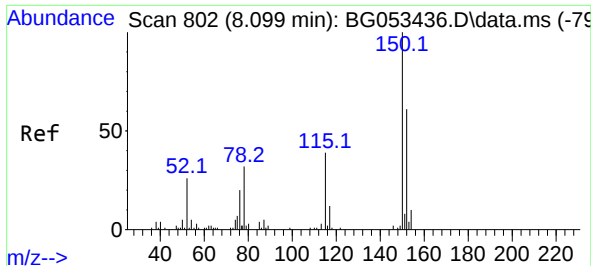
Instrument :
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ClientSampleId :
MW-27

Quant Time: May 24 05:09:52 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

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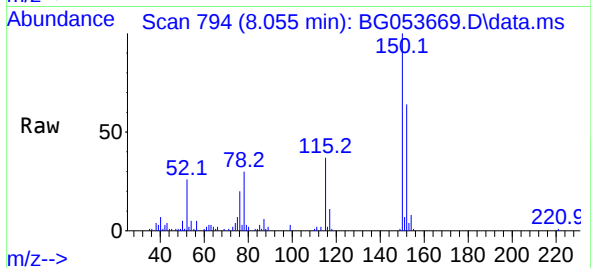
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

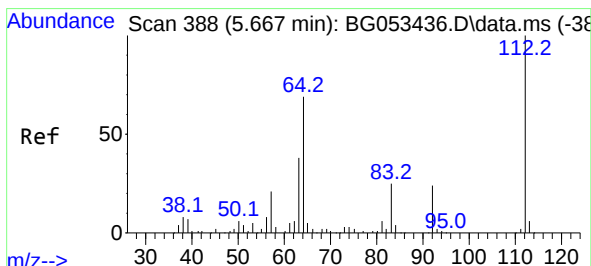
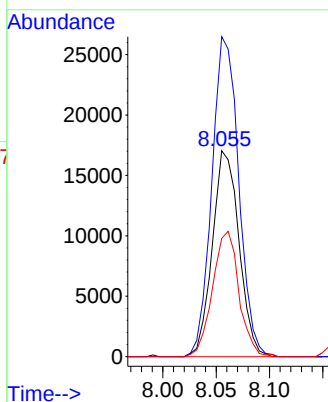
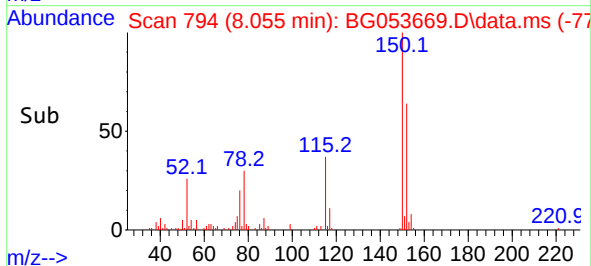
Instrument :
BNA_G
ClientSampleId :
MW-27



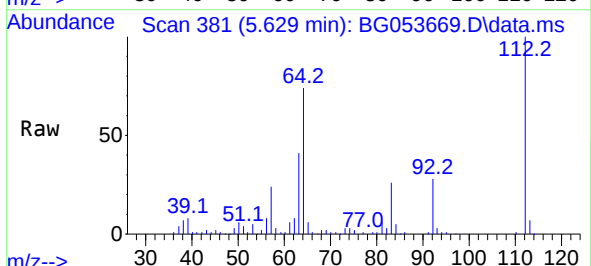
Tgt Ion:152 Resp: 29592
Ion Ratio Lower Upper
152 100
150 155.4 131.6 197.4
115 57.4 50.9 76.3

Manual Integrations
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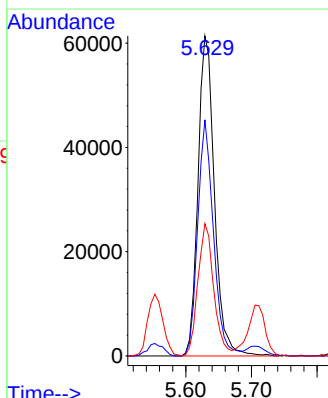
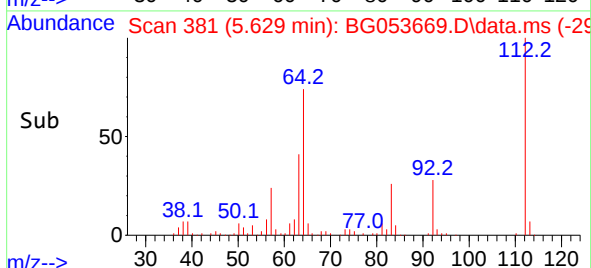
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

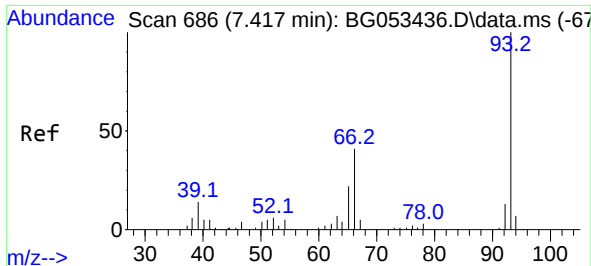


#5
2-Fluorophenol
Concen: 61.426 ng
RT: 5.629 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



Tgt Ion:112 Resp: 107105
Ion Ratio Lower Upper
112 100
64 73.8 55.1 82.7
63 41.4 30.4 45.6





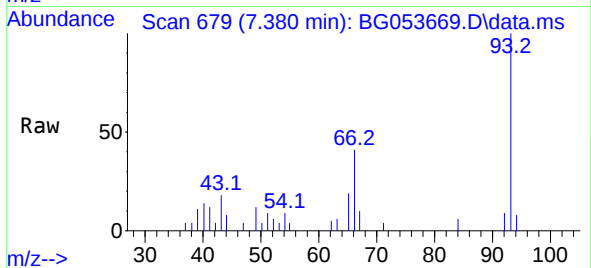
#6
Aniline
Concen: 2.975 ng m
RT: 7.380 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Instrument :

BNA_G

ClientSampleId :

MW-27

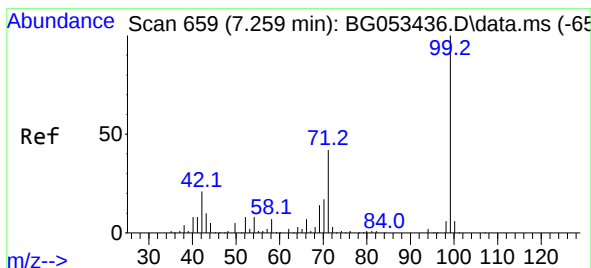
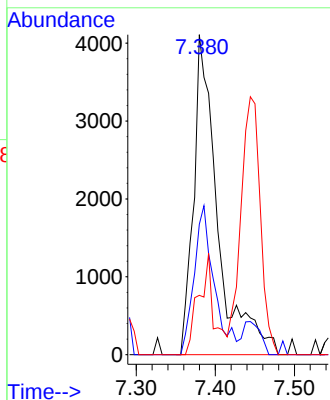
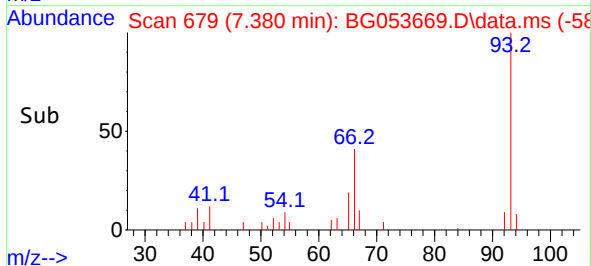


Tgt Ion: 93 Resp: 8720
Ion Ratio Lower Upper
93 100
66 40.8 32.9 49.3
65 18.6 17.8 26.8

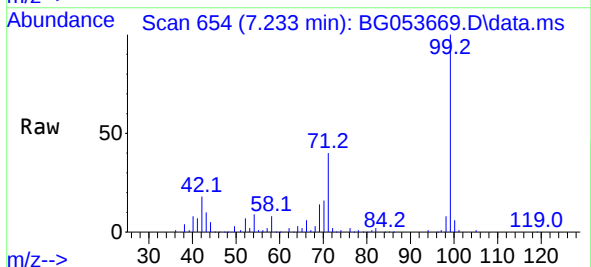
Manual Integrations

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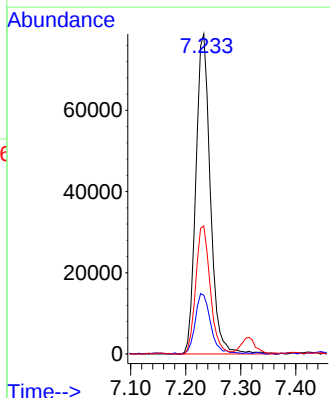
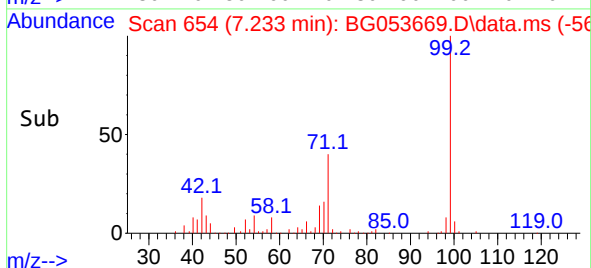
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

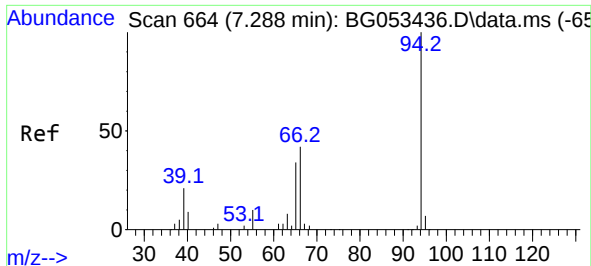


#7
Phenol-d6
Concen: 54.545 ng
RT: 7.233 min Scan# 654
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



Tgt Ion: 99 Resp: 144340
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 40.0 33.8 50.8





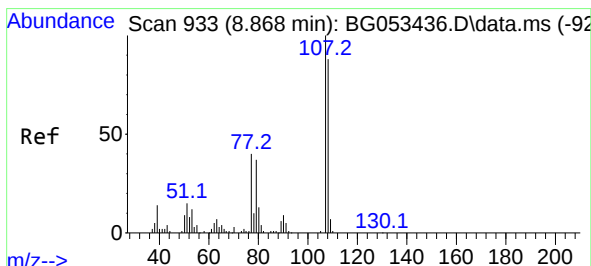
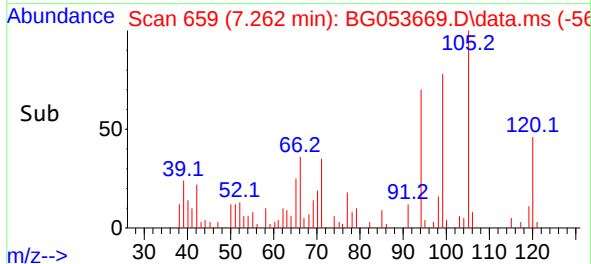
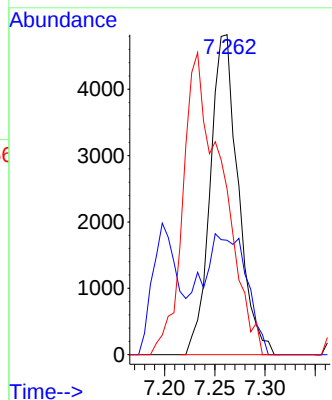
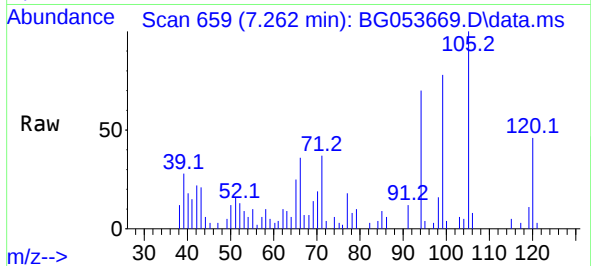
#10
Phenol
Concen: 3.617 ng
RT: 7.262 min Scan# 610
Delta R.T. 0.009 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-27

Tgt Ion: 94 Resp: 936
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 51.8 25.2 65.2

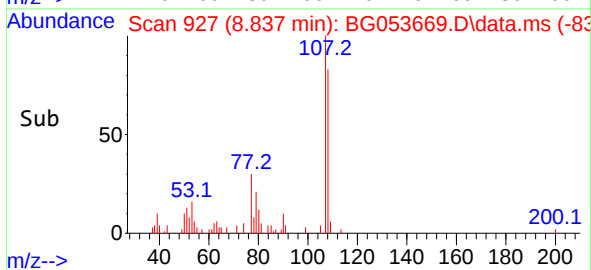
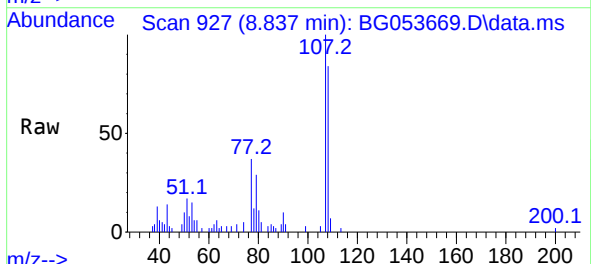
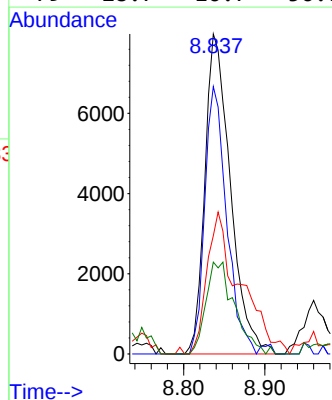
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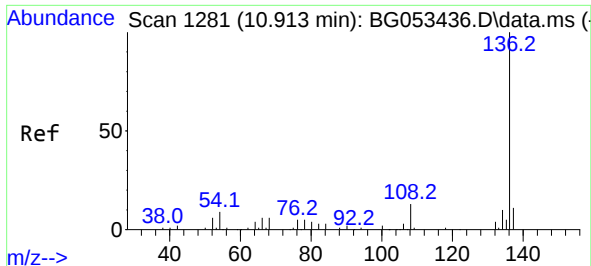
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#20
3+4-Methylphenols
Concen: 7.056 ng
RT: 8.837 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Tgt Ion:107 Resp: 17432
Ion Ratio Lower Upper
107 100
108 83.6 67.5 107.5
77 37.0 20.3 60.3
79 28.7 16.7 56.7





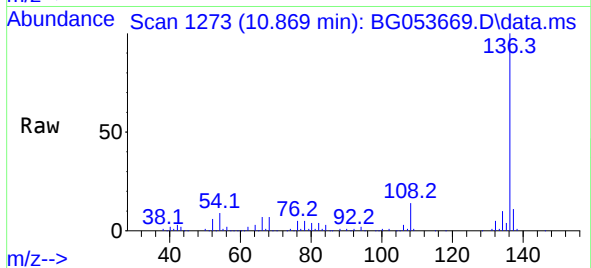
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Instrument :

BNA_G

ClientSampleId :

MW-27

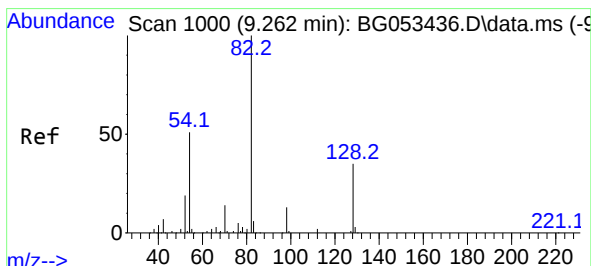
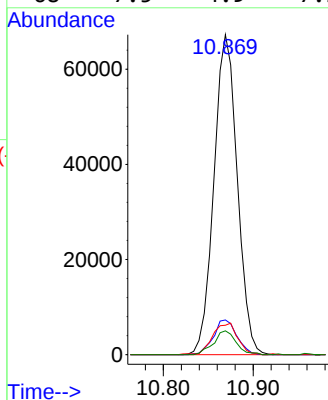
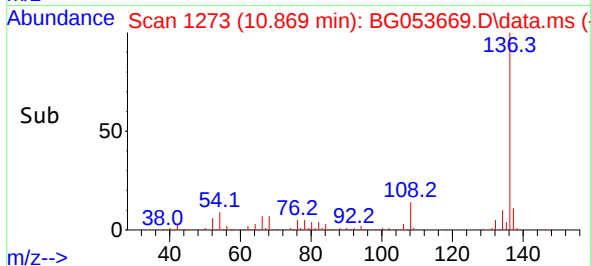


Tgt Ion:136 Resp: 121299
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.2 7.4 11.2
68 7.5 4.9 7.3#

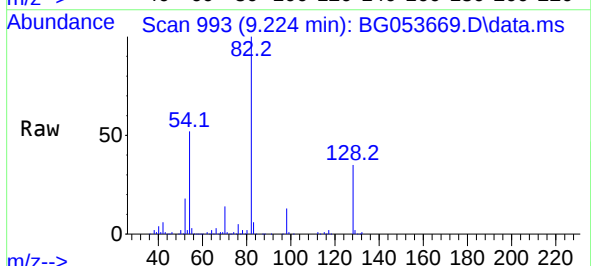
Manual Integrations

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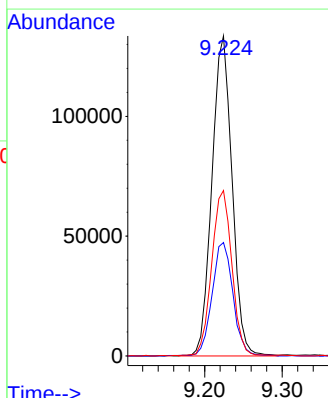
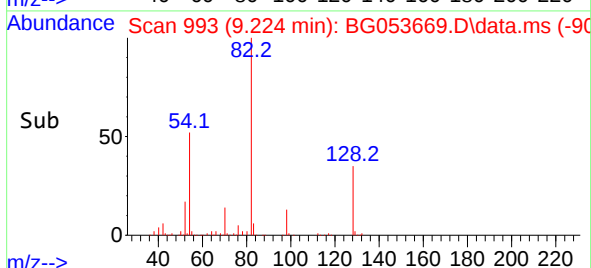
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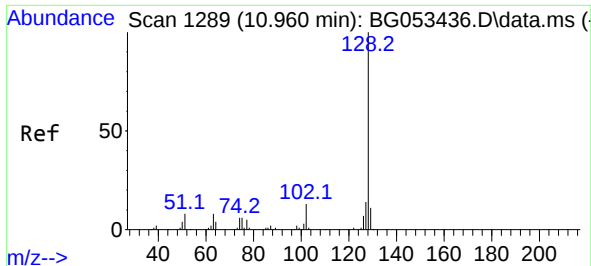


#23
Nitrobenzene-d5
Concen: 84.622 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



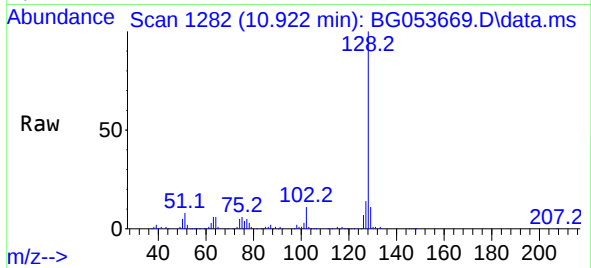
Tgt Ion: 82 Resp: 241132
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 51.7 41.2 61.8





#31
Naphthalene
Concen: 36.328 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

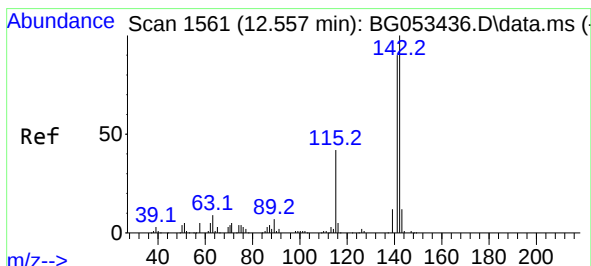
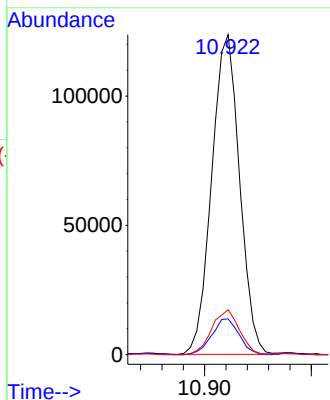
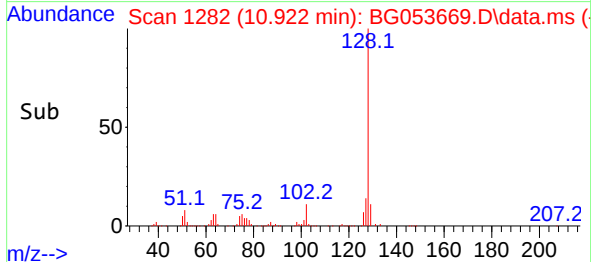
Instrument :
BNA_G
ClientSampleId :
MW-27



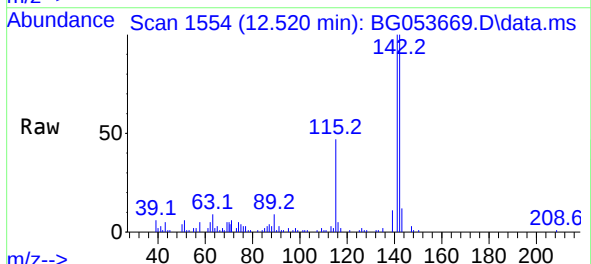
Tgt Ion:128 Resp: 224149
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.1 11.1 16.7

Manual Integrations
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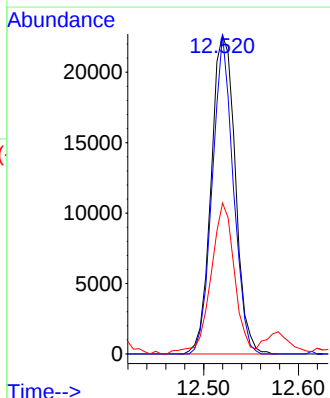
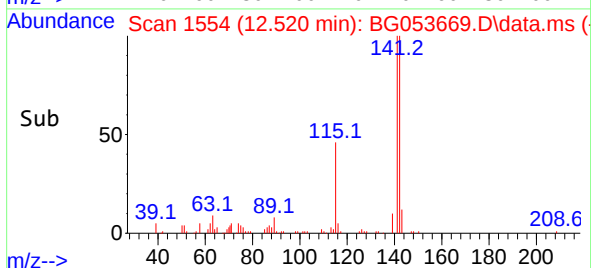
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

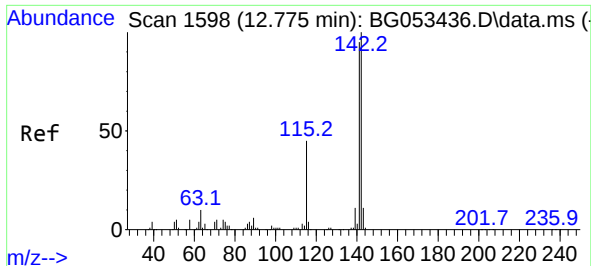


#37
2-Methylnaphthalene
Concen: 8.662 ng
RT: 12.520 min Scan# 1554
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



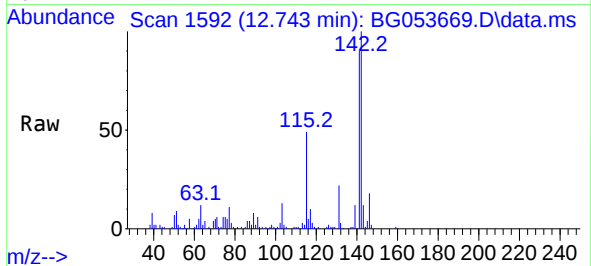
Tgt Ion:142 Resp: 39884
Ion Ratio Lower Upper
142 100
141 100.3 72.3 108.5
115 47.3 33.7 50.5





#38
1-Methylnaphthalene
Concen: 12.742 ng
RT: 12.743 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

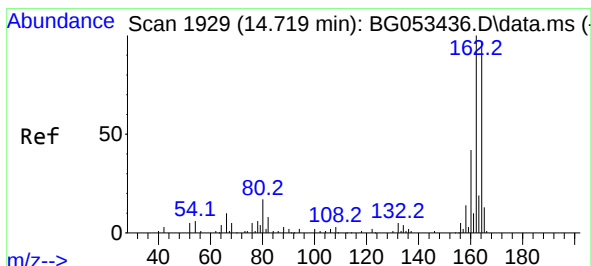
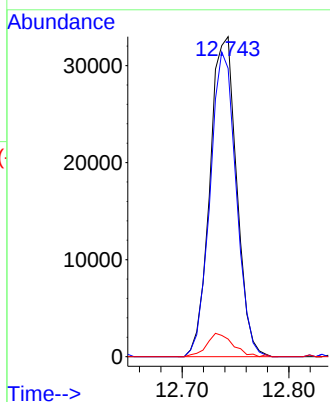
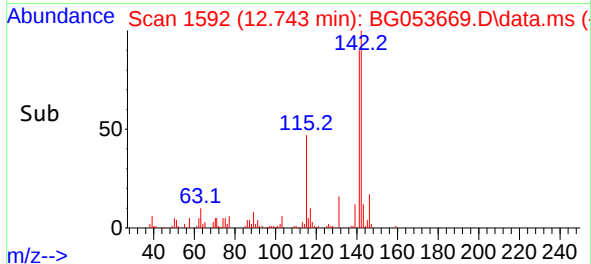
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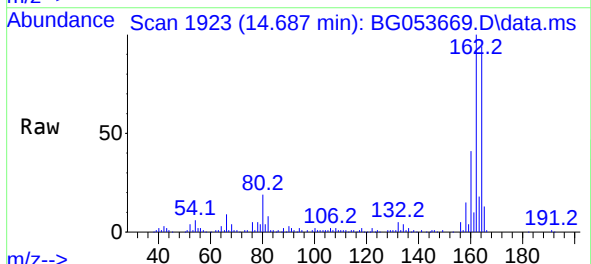
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Ion Ratio Lower Upper
142 100
141 90.1 76.4 114.6
116 5.5 3.3 4.9

Manual Integrations
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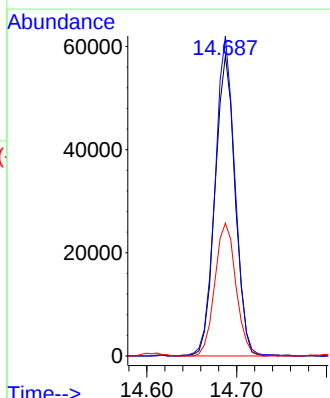
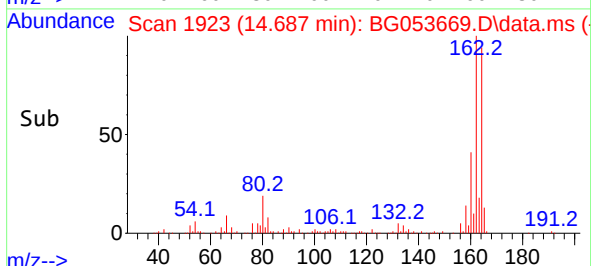
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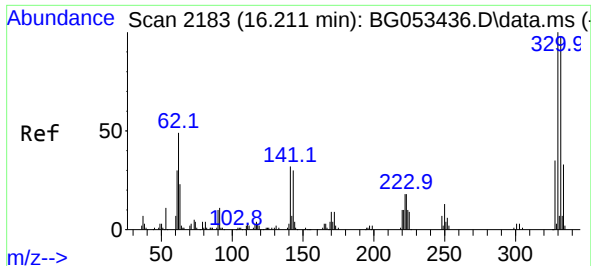


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



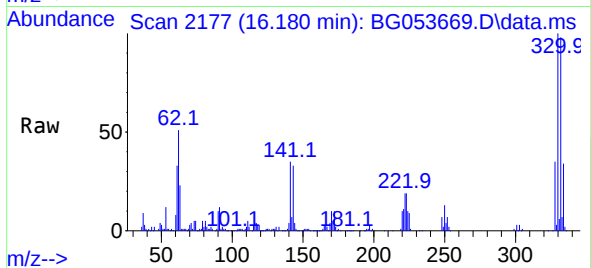
Tgt Ion:164 Resp: 90503
Ion Ratio Lower Upper
164 100
162 106.6 82.3 123.5
160 44.2 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 122.157 ng
RT: 16.180 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

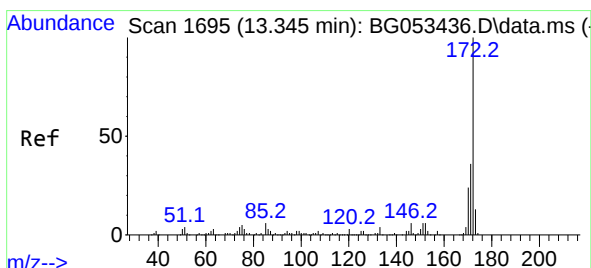
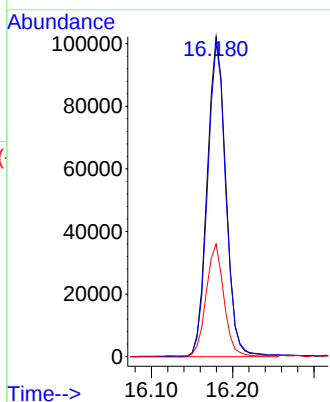
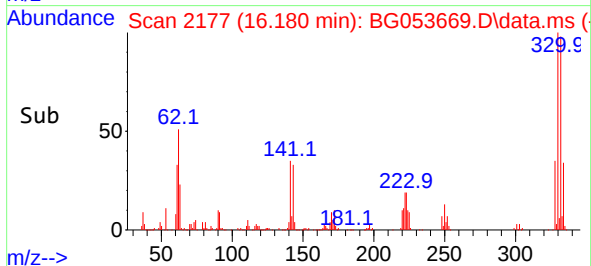
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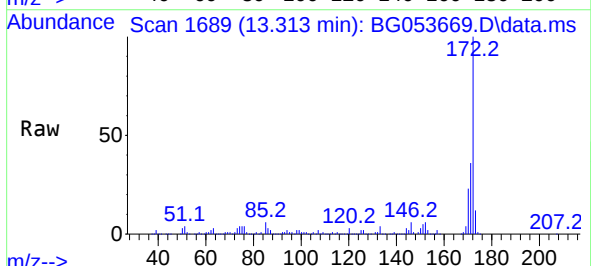
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Ion Ratio Lower Upper
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332 97.0 76.0 114.0
141 32.9 27.1 40.7

Manual Integrations
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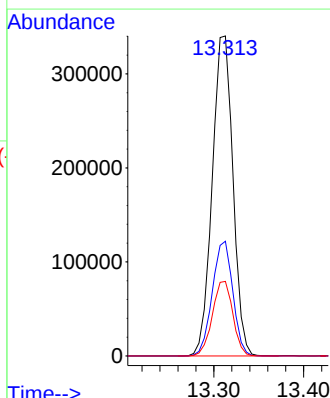
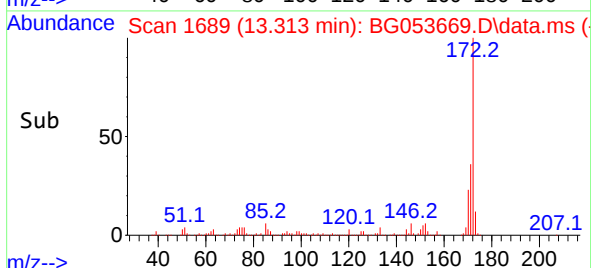
Reviewed By :Christian Giraldo 05/24/2022
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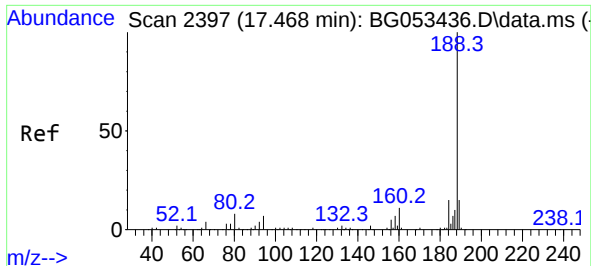


#45
2-Fluorobiphenyl
Concen: 87.976 ng
RT: 13.313 min Scan# 1689
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



Tgt Ion:172 Resp: 544871
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.3 18.9 28.3





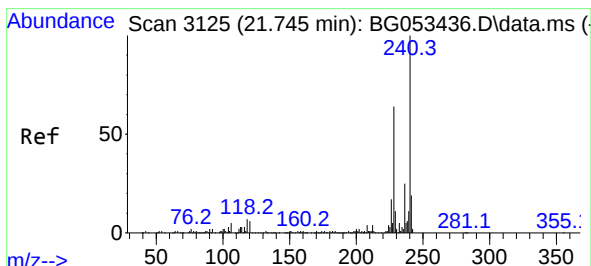
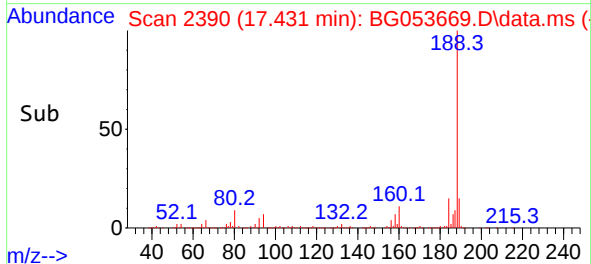
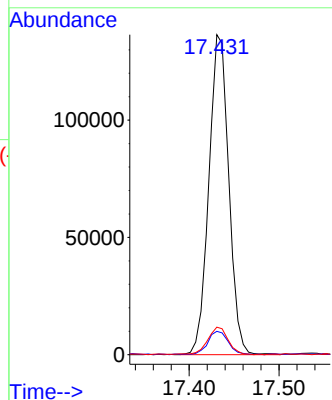
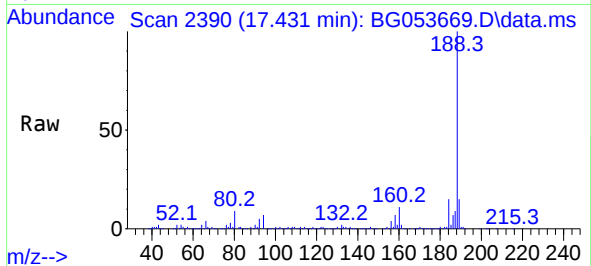
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2119
Delta R.T. -0.008 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-27

Tgt Ion:188 Resp: 209890
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.6 6.8 10.2

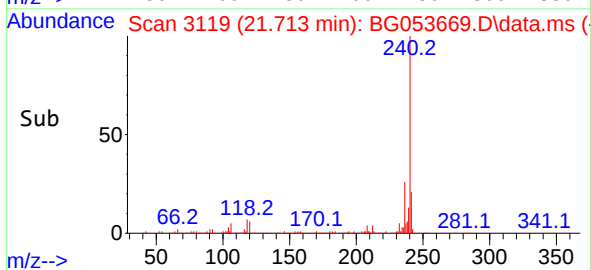
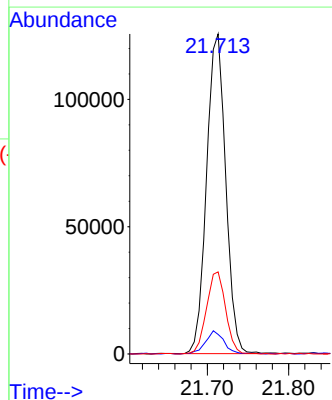
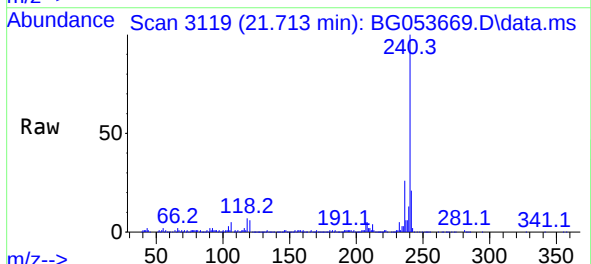
Manual Integrations
APPROVED

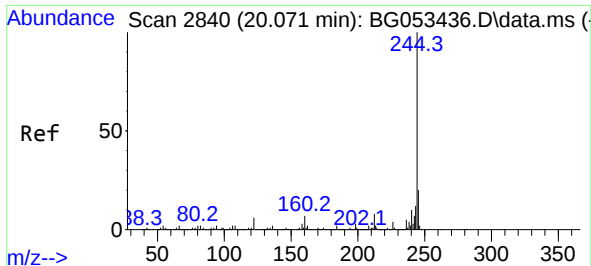
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

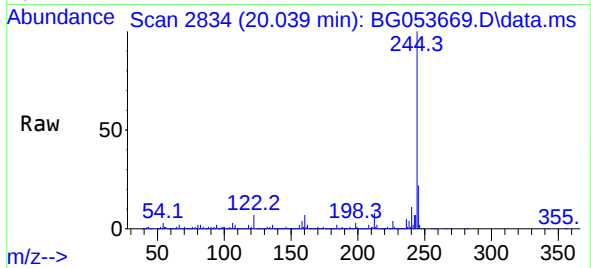
Tgt Ion:240 Resp: 204871
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.6 20.2 30.4





#79
Terphenyl-d14
Concen: 83.797 ng
RT: 20.039 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

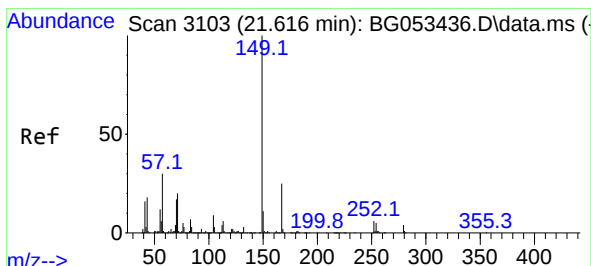
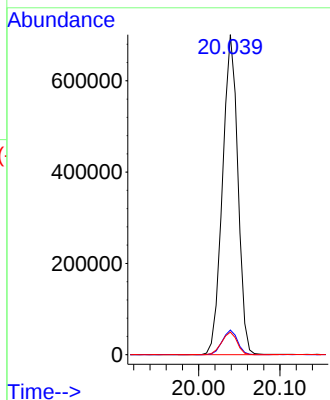
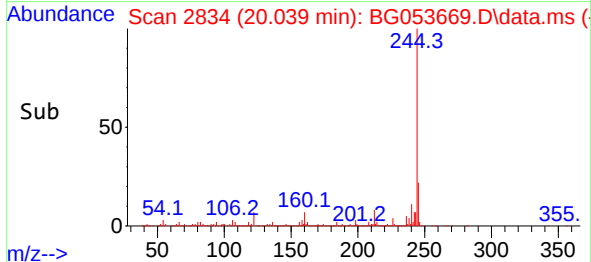
Instrument :
BNA_G
ClientSampleId :
MW-27



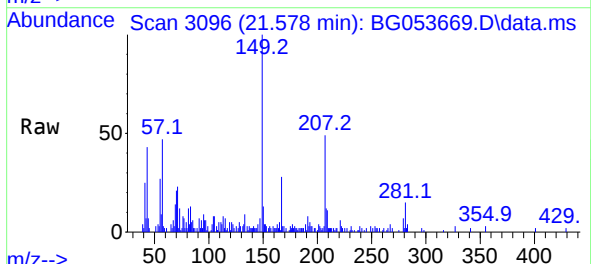
Tgt Ion:244 Resp: 921760
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.1 5.0 7.4

Manual Integrations
APPROVED

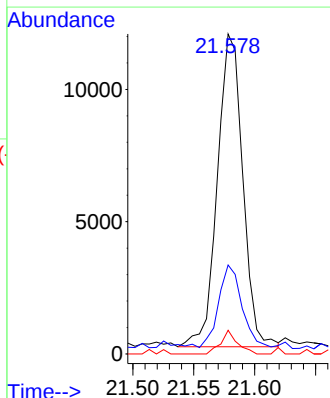
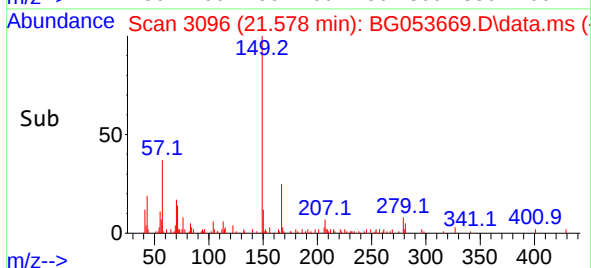
Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

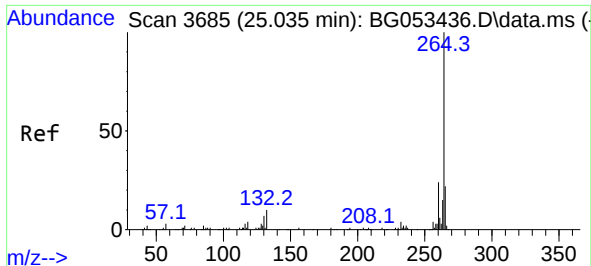


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.551 ng
RT: 21.578 min Scan# 3096
Delta R.T. -0.002 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09



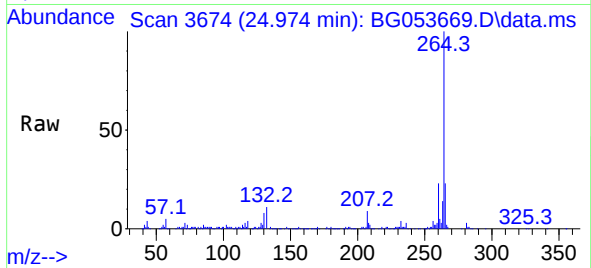
Tgt Ion:149 Resp: 17124
Ion Ratio Lower Upper
149 100
167 27.8 20.2 30.4
279 7.4 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053669.D
Acq: 23 May 2022 18:09

Instrument :
BNA_G
ClientSampleId :
MW-27



Tgt Ion:264 Resp: 21132
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 23.1 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

