

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052768.D
 Acq On : 21 Mar 2022 15:13
 Operator : CG/JU
 Sample : N1708-09 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B15-25.0-25.5

Quant Time: Mar 21 16:27:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	51443	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	192379	20.000	ng	#-0.01
39) Acenaphthene-d10	14.767	164	126611	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	267001	20.000	ng	0.00
76) Chrysene-d12	21.793	240	305063	20.000	ng	-0.02
86) Perylene-d12	25.106	264	331829	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	13644	4.619	ng	0.00
7) Phenol-d6	7.289	99	20927	4.699	ng	0.00
23) Nitrobenzene-d5	9.298	82	19236m	5.019	ng	-0.02
42) 2,4,6-Tribromophenol	16.247	330	6480	3.809	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	31164	3.630	ng	-0.01
79) Terphenyl-d14	20.107	244	52874	3.083	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.007	128	108577	10.914	ng	98
37) 2-Methylnaphthalene	12.605	142	346100	47.506	ng	97
38) 1-Methylnaphthalene	12.822	142	202909	28.537	ng	# 95
46) 1,1'-Biphenyl	13.604	154	19544	2.207	ng	93
52) Acenaphthene	14.837	154	14267	2.003	ng	# 51
58) Fluorene	15.807	166	48622	5.129	ng	# 85
71) Phenanthrene	17.551	178	140232	9.818	ng	98

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

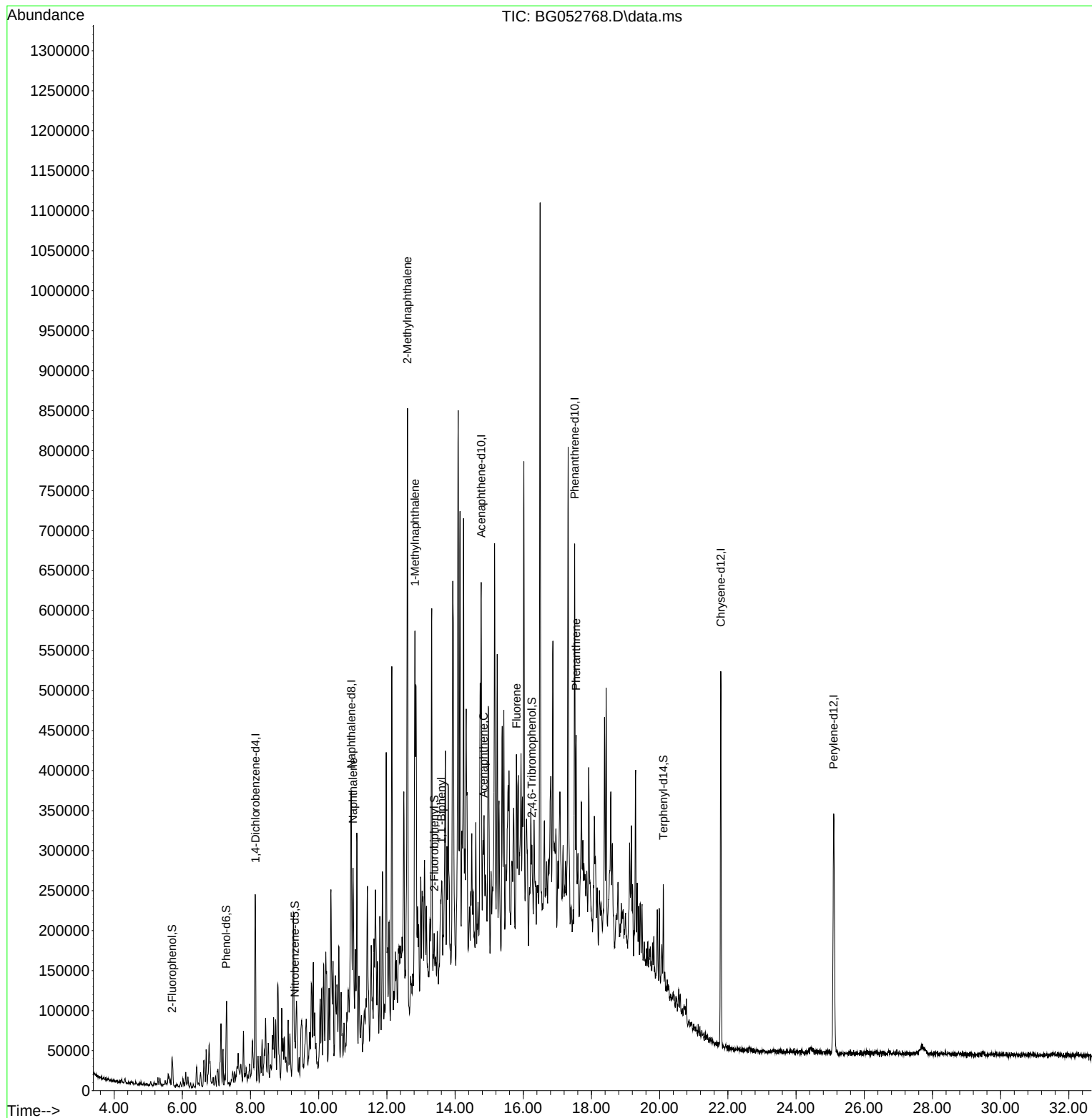
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

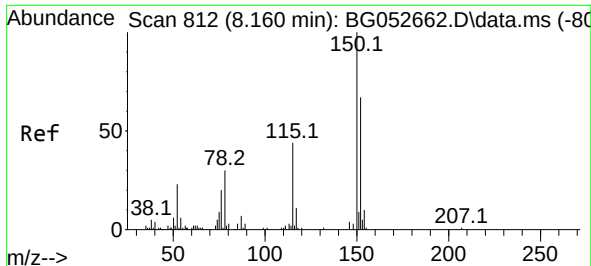
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Quant Time: Mar 21 16:27:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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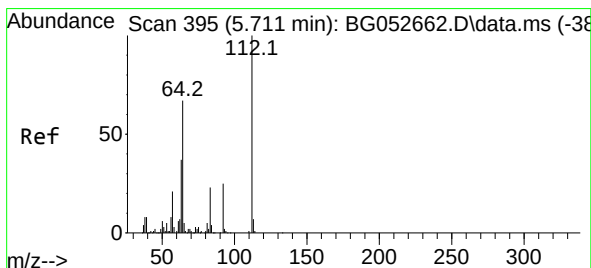
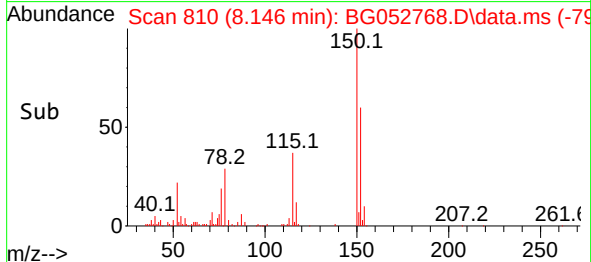
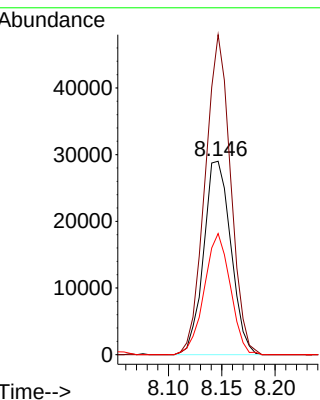
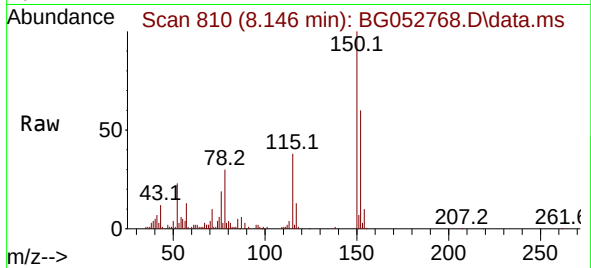
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Tgt Ion:152 Resp: 5144
Ion Ratio Lower Upper
152 100
150 165.5 114.6 172.0
115 62.6 45.9 68.9

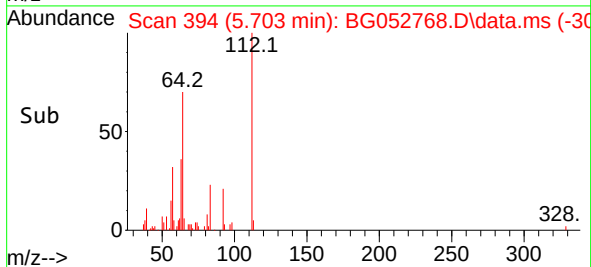
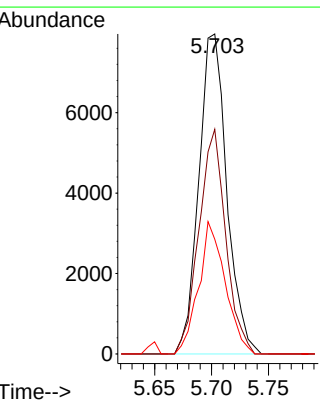
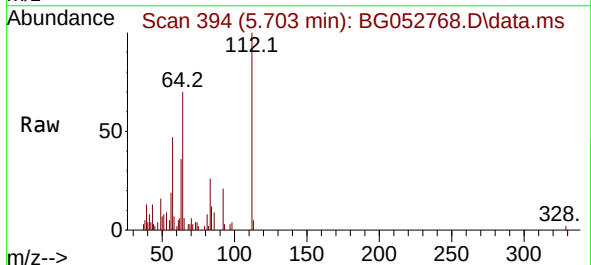
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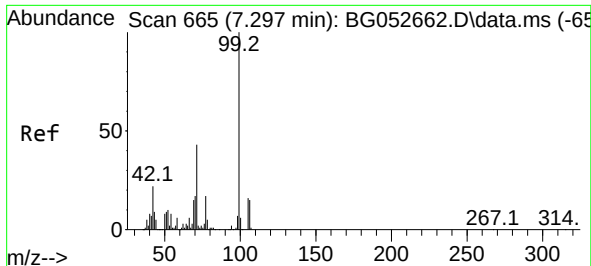
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#5
2-Fluorophenol
Concen: 4.619 ng
RT: 5.703 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

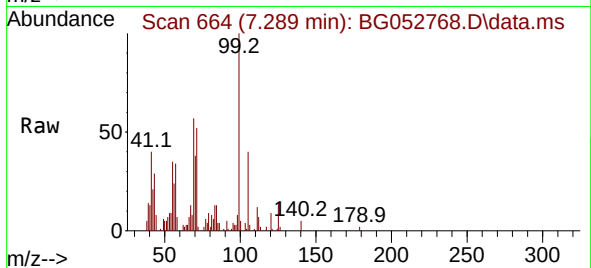
Tgt Ion:112 Resp: 13644
Ion Ratio Lower Upper
112 100
64 70.2 48.0 72.0
63 35.9 26.5 39.7





#7
Phenol-d6
Concen: 4.699 ng
RT: 7.289 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

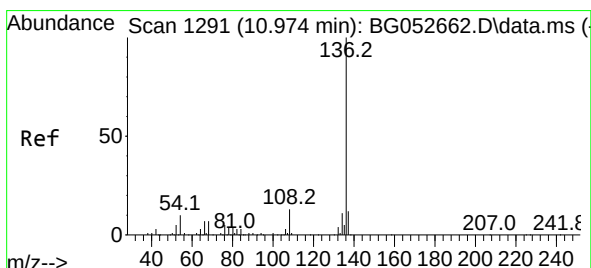
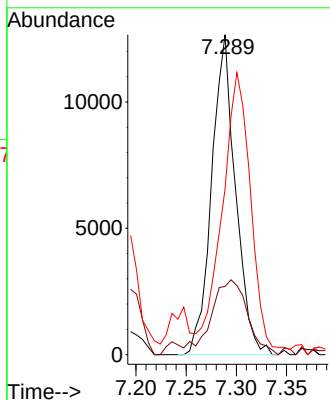
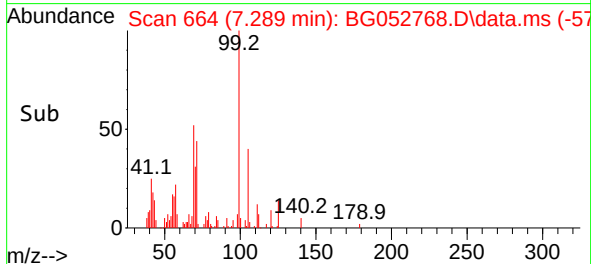
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion: 99 Resp: 2092
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 51.9 29.2 43.8

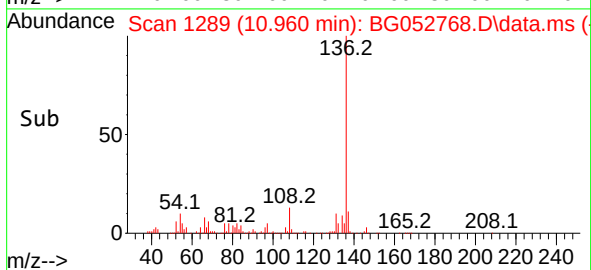
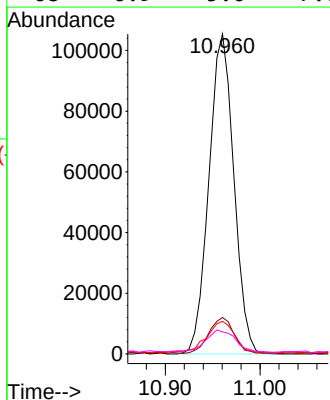
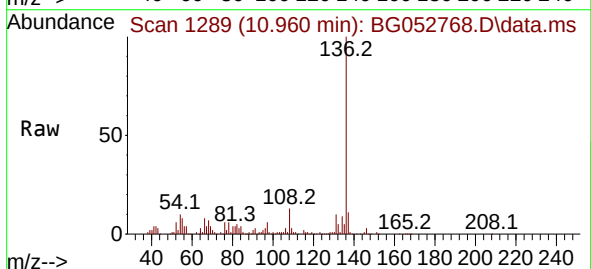
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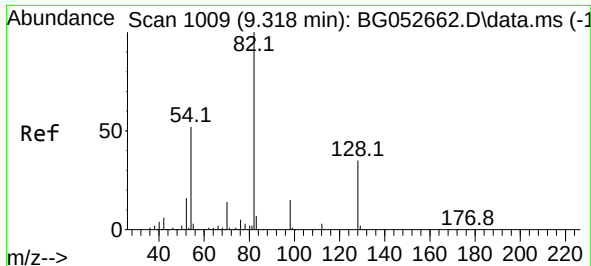
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 1289
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

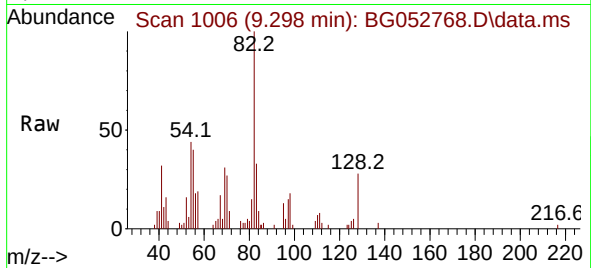
Tgt Ion:136 Resp: 192379
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 10.2 6.4 9.6#
68 6.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 5.019 ng m
RT: 9.298 min Scan# 1006
Delta R.T. -0.020 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

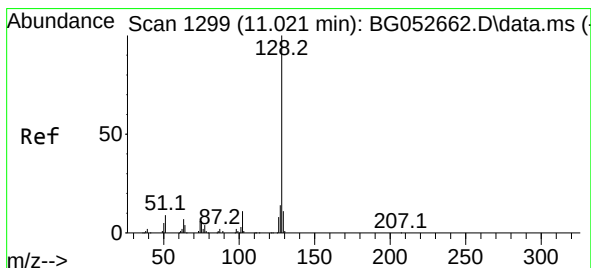
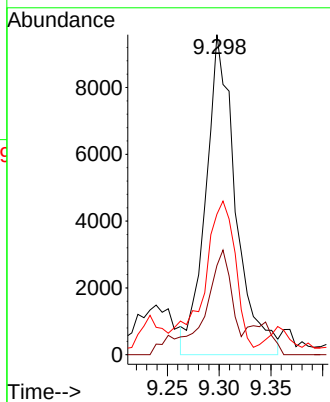
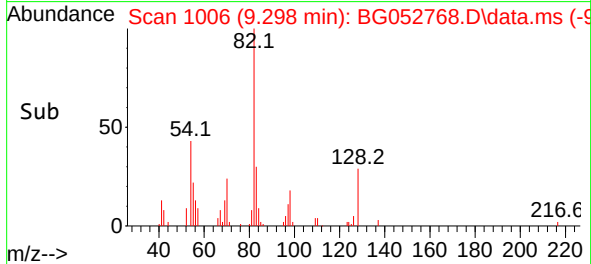
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion: 82 Resp: 19230
Ion Ratio Lower Upper
82 100
128 27.9 31.3 46.9
54 43.9 37.8 56.8

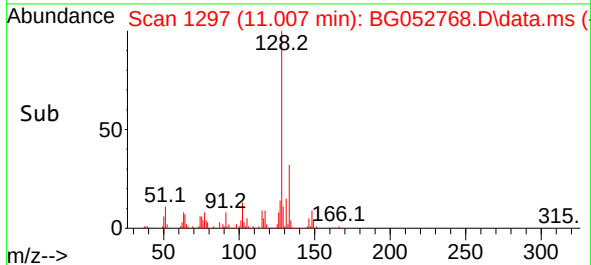
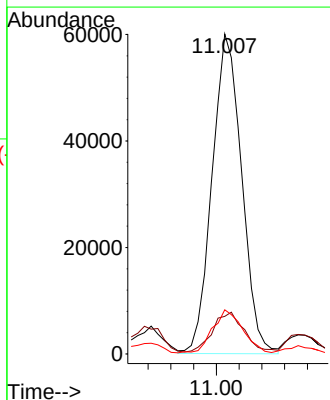
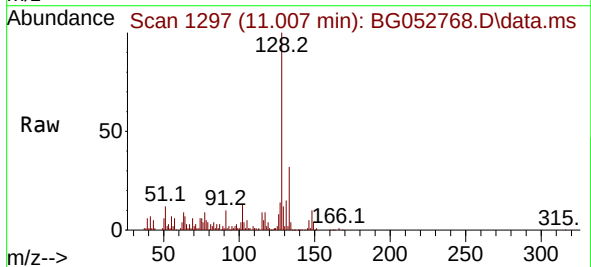
Manual Integrations
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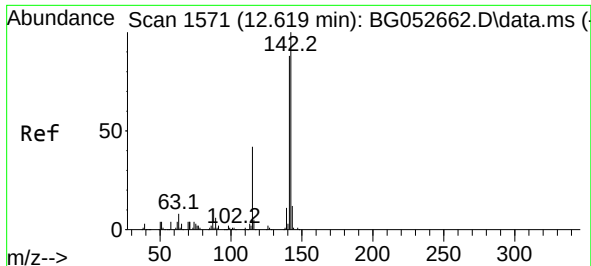
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#31
Naphthalene
Concen: 10.914 ng
RT: 11.007 min Scan# 1297
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:128 Resp: 108577
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.8 10.5 15.7





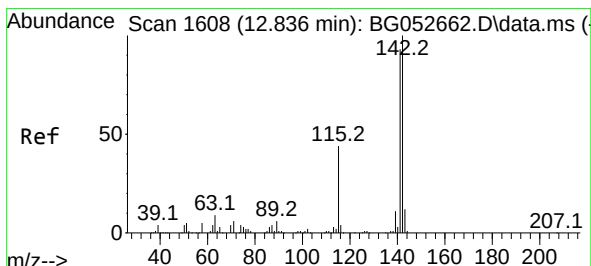
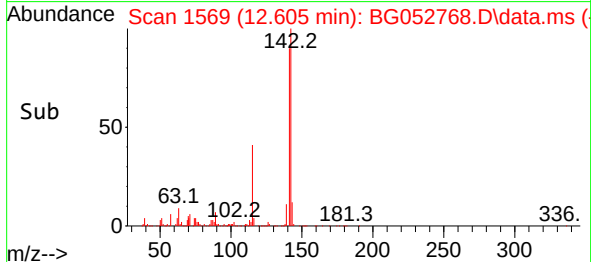
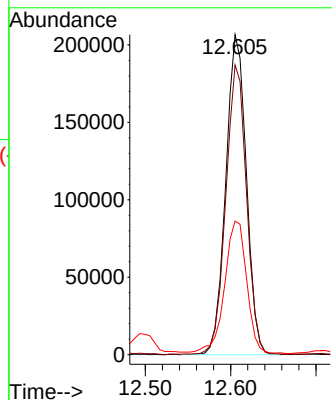
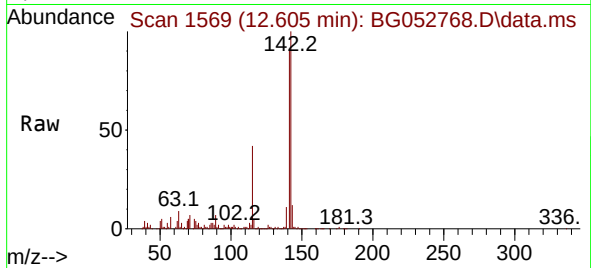
#37
2-Methylnaphthalene
Concen: 47.506 ng
RT: 12.605 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Tgt Ion:142 Resp: 346100
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 41.7 29.5 44.3

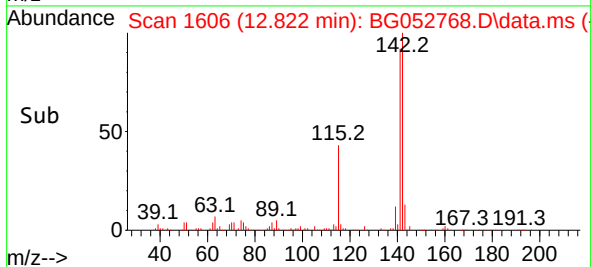
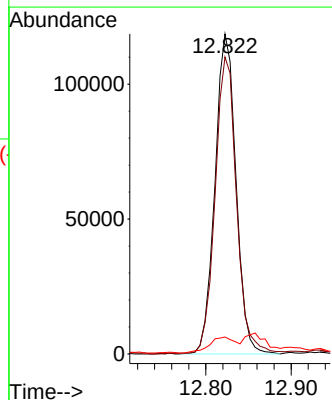
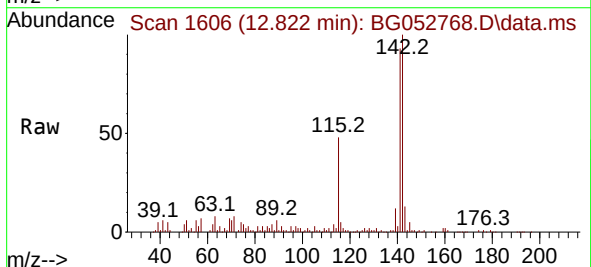
Manual Integrations
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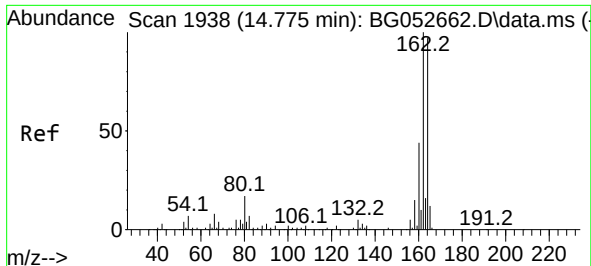
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#38
1-Methylnaphthalene
Concen: 28.537 ng
RT: 12.822 min Scan# 1606
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

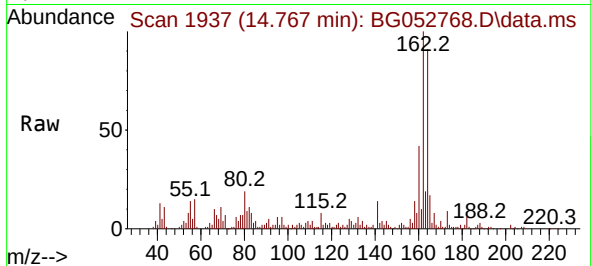
Tgt Ion:142 Resp: 202909
Ion Ratio Lower Upper
142 100
141 92.8 70.5 105.7
116 5.3 3.1 4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

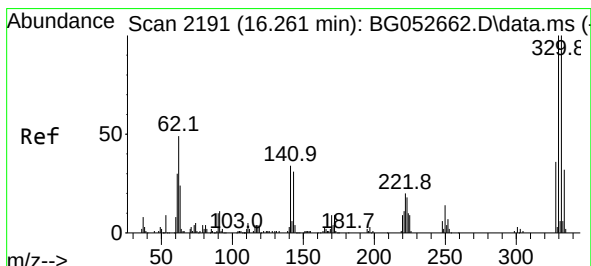
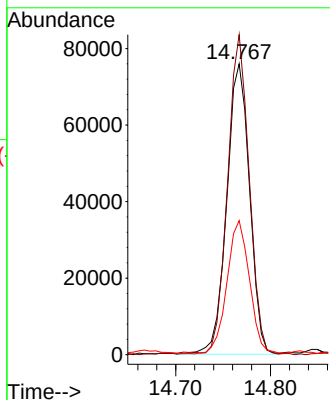
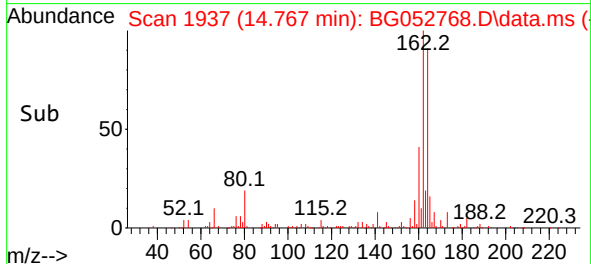
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



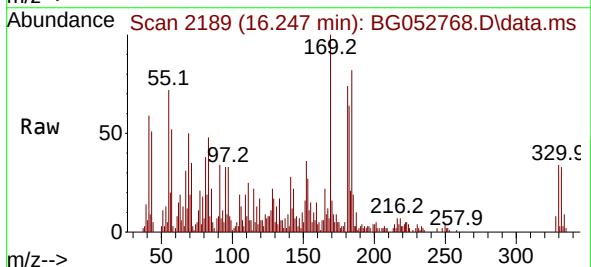
Tgt Ion:164 Resp: 12661
Ion Ratio Lower Upper
164 100
162 110.0 80.0 120.0
160 46.1 38.8 58.2

Manual Integrations
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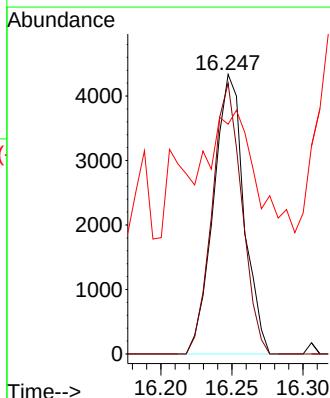
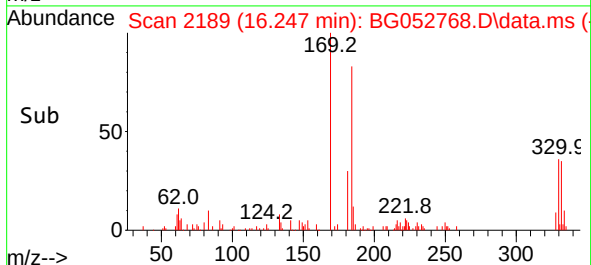
Reviewed By :Christian Giraldo 03/22/2022
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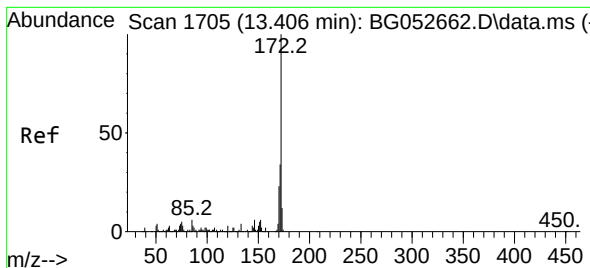


#42
2,4,6-Tribromophenol
Concen: 3.809 ng
RT: 16.247 min Scan# 2189
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13



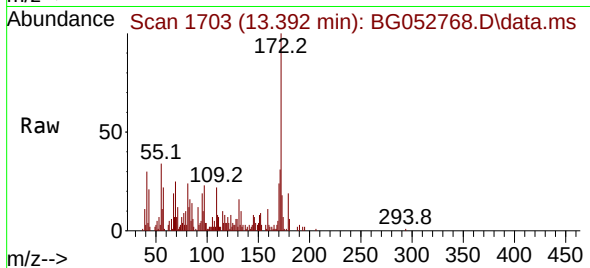
Tgt Ion:330 Resp: 6480
Ion Ratio Lower Upper
330 100
332 94.2 75.8 113.6
141 63.6 24.6 36.8#





#45
2-Fluorobiphenyl
Concen: 3.630 ng
RT: 13.392 min Scan# 1703
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

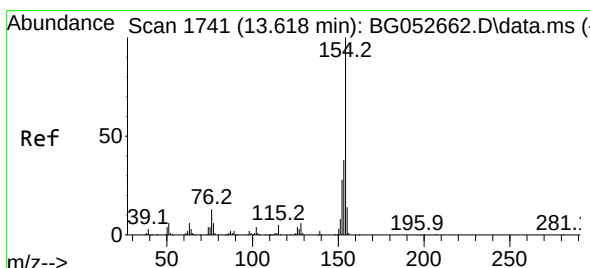
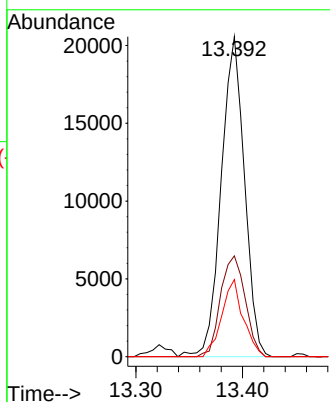
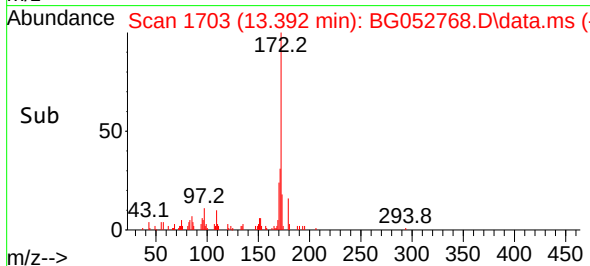
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



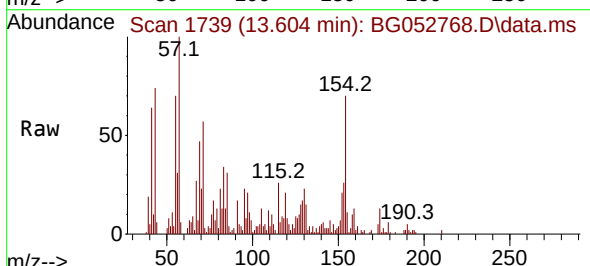
Tgt Ion:172 Resp: 31164
Ion Ratio Lower Upper
172 100
171 31.5 28.3 42.5
170 24.1 18.0 27.0

Manual Integrations
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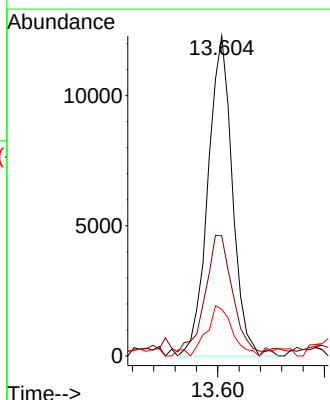
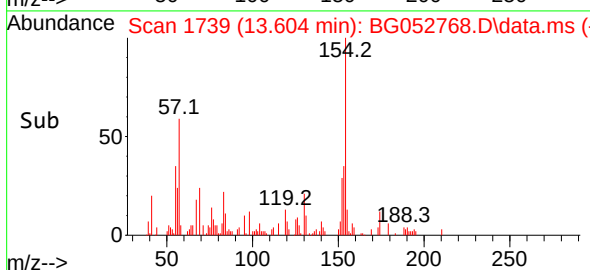
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

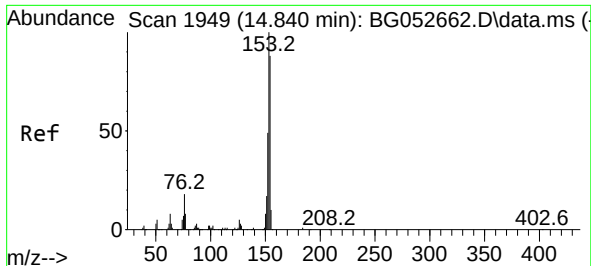


#46
1,1'-Biphenyl
Concen: 2.207 ng
RT: 13.604 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13



Tgt Ion:154 Resp: 19544
Ion Ratio Lower Upper
154 100
153 37.6 21.6 61.6
76 14.6 0.0 31.5





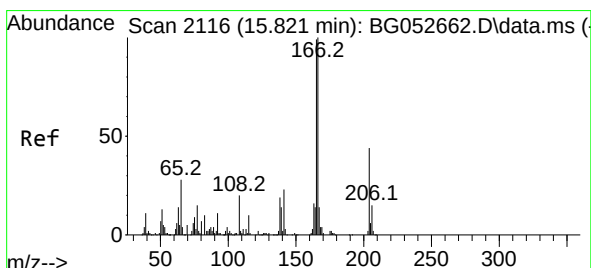
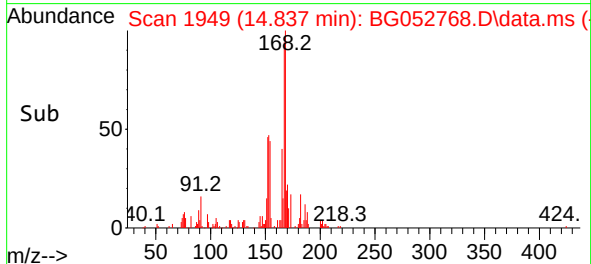
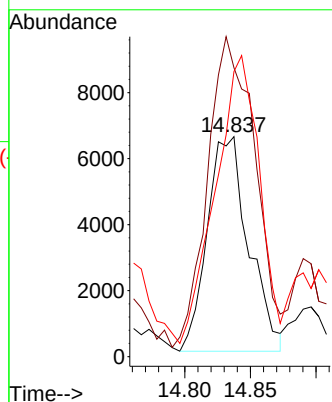
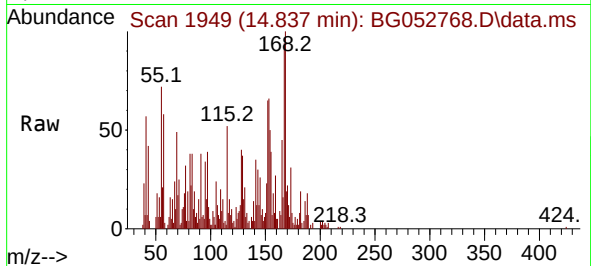
#52
Acenaphthene
Concen: 2.003 ng
RT: 14.837 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Tgt Ion:154 Resp: 1426
Ion Ratio Lower Upper
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153 131.4 89.0 133.4
152 129.6 40.5 60.7

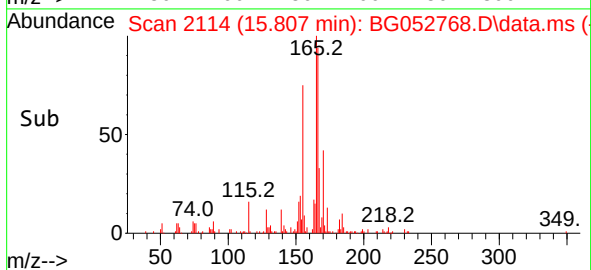
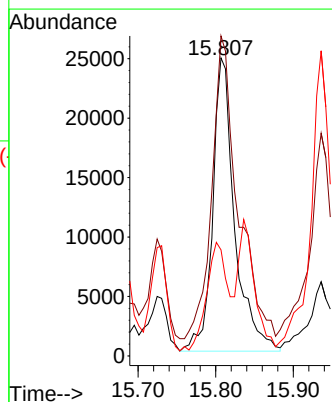
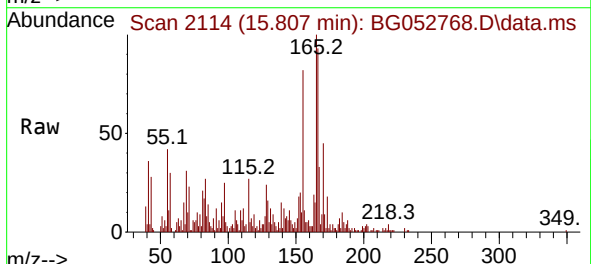
Manual Integrations
APPROVED

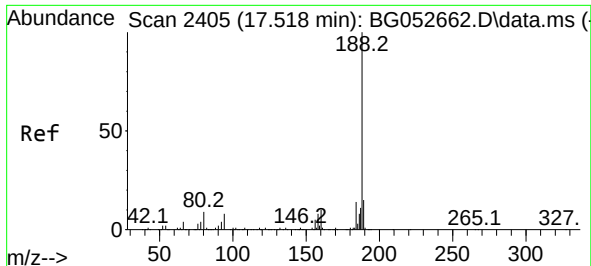
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 5.129 ng
RT: 15.807 min Scan# 2114
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:166 Resp: 48622
Ion Ratio Lower Upper
166 100
165 107.3 78.6 117.8
167 35.6 10.9 16.3





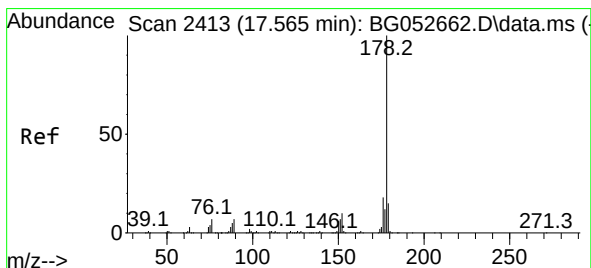
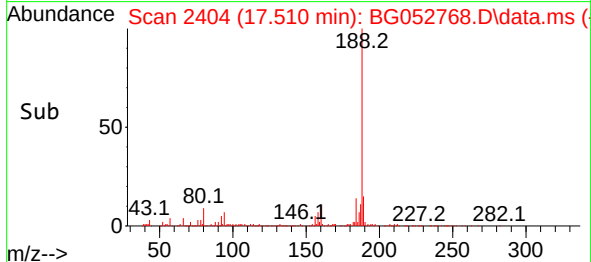
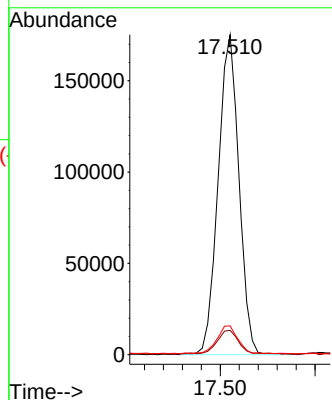
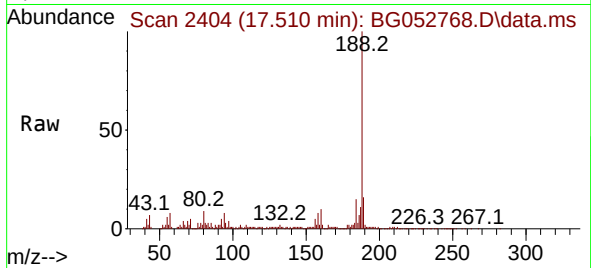
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Tgt Ion:188 Resp: 26700
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 9.0 7.2 10.8

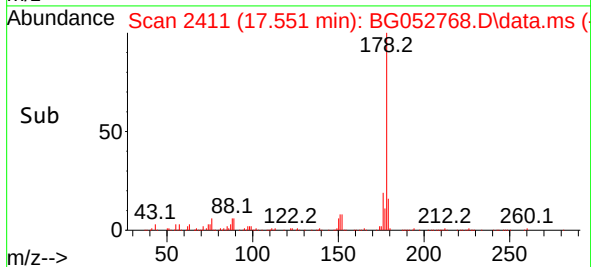
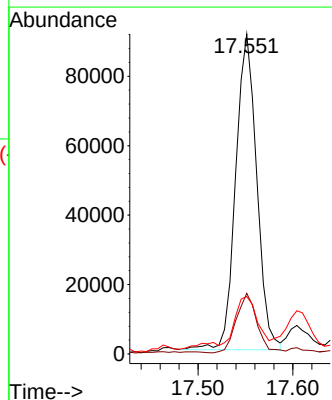
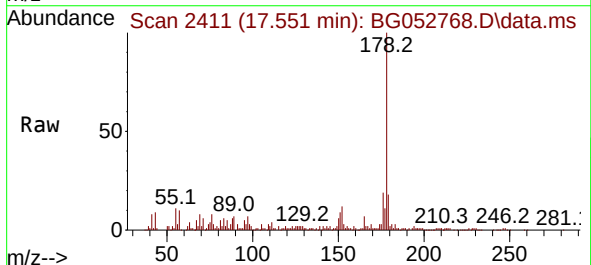
Manual Integrations
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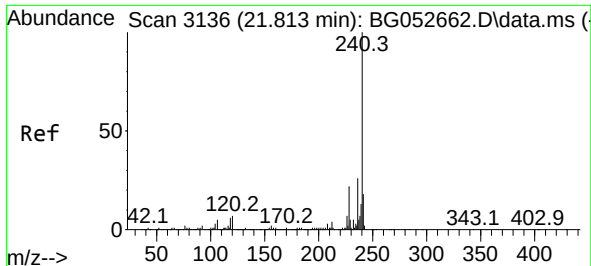
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#71
Phenanthrene
Concen: 9.818 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

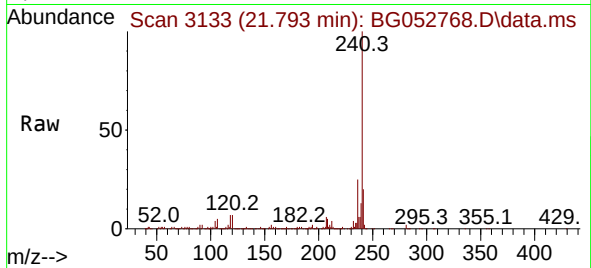
Tgt Ion:178 Resp: 140232
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 18.0 13.4 20.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.793 min Scan# 3136
Delta R.T. -0.020 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

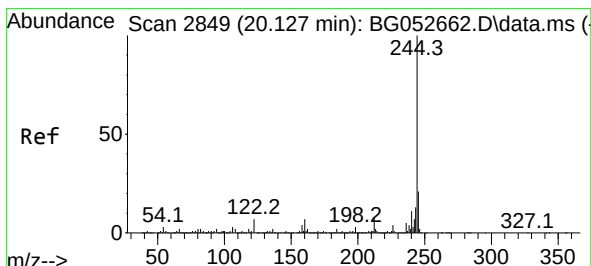
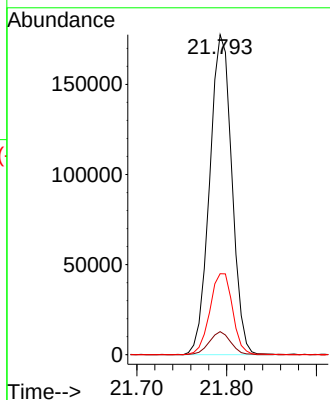
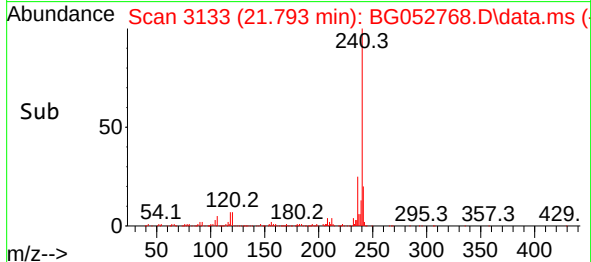
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:240 Resp: 30506
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 25.3 19.8 29.6

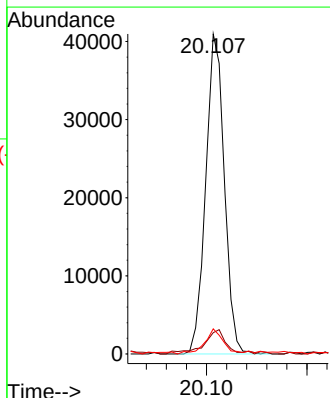
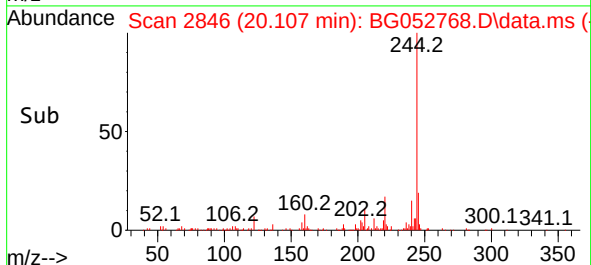
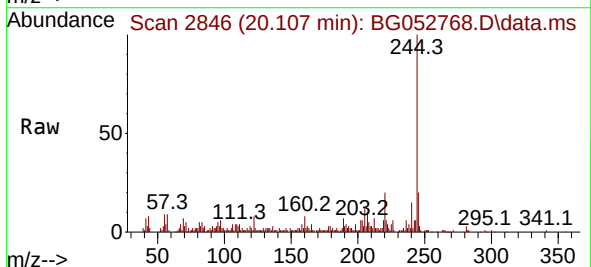
Manual Integrations
APPROVED

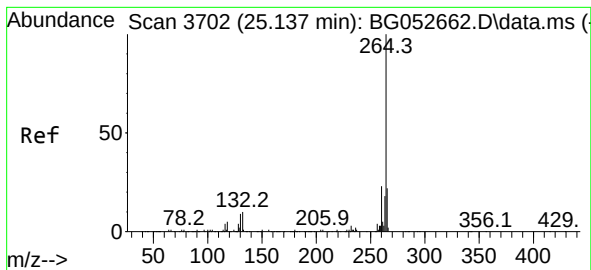
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#79
Terphenyl-d14
Concen: 3.083 ng
RT: 20.107 min Scan# 2846
Delta R.T. -0.020 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

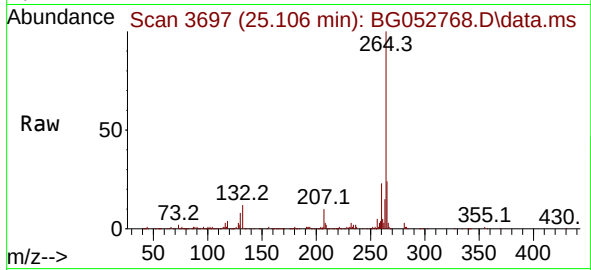
Tgt Ion:244 Resp: 52874
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 7.8 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.106 min Scan# 30
Delta R.T. -0.032 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:264 Resp: 331829
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 23.6 15.1 22.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

