

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053016.D
 Acq On : 4 Apr 2022 20:21
 Operator : CG/JU
 Sample : N2249-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1R

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2022
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 01:07:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	33998	20.000	ng	-0.02
21) Naphthalene-d8	10.944	136	131532	20.000	ng	#-0.02
39) Acenaphthene-d10	14.745	164	96382	20.000	ng	-0.02
64) Phenanthrene-d10	17.488	188	217664	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	237499	20.000	ng	-0.03
86) Perylene-d12	25.072	264	245552	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	140047	71.738	ng	0.00
7) Phenol-d6	7.278	99	176962	60.127	ng	-0.01
23) Nitrobenzene-d5	9.287	82	254262	97.022	ng	-0.02
42) 2,4,6-Tribromophenol	16.231	330	157723	121.783	ng	-0.02
45) 2-Fluorobiphenyl	13.376	172	546326	83.599	ng	-0.02
79) Terphenyl-d14	20.090	244	737623	55.247	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.308	94	25019	8.612	ng	85
20) 3+4-Methylphenols	8.882	107	30818	11.370	ng	96
31) Naphthalene	10.997	128	1594287	234.394	ng	97
37) 2-Methylnaphthalene	12.589	142	222300	44.628	ng	96
38) 1-Methylnaphthalene	12.800	142	133161m	27.391	ng	

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

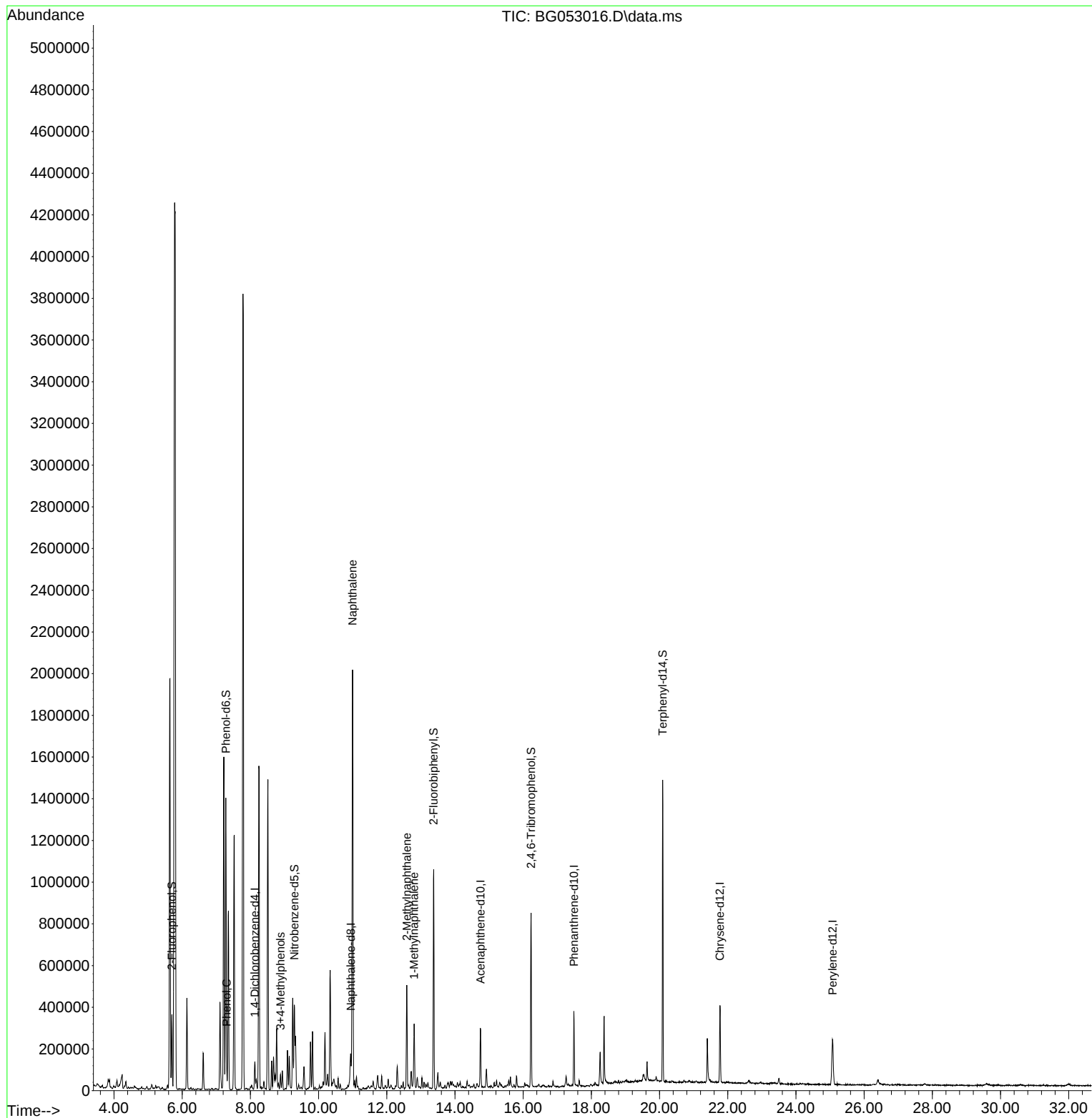
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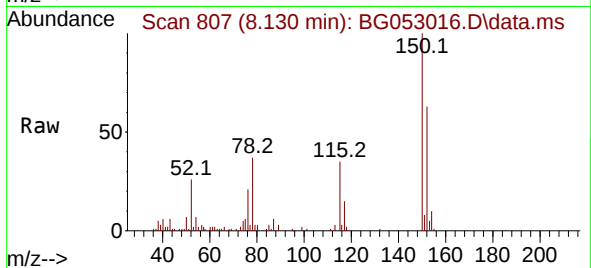
Reviewed By : Christian Giraldo 04/05/2022
Supervised By : Jagrut Upadhyay 04/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

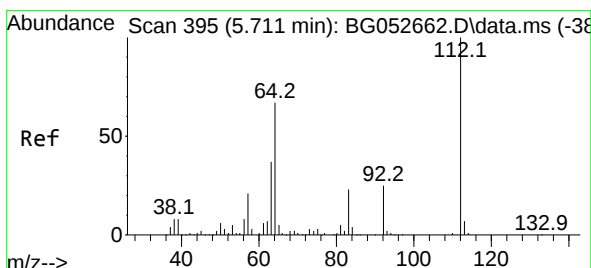
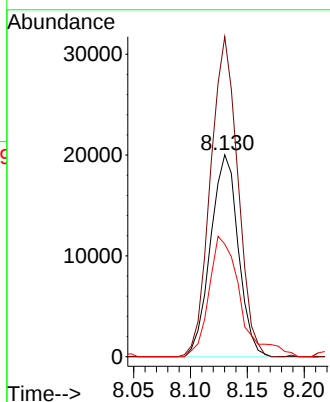
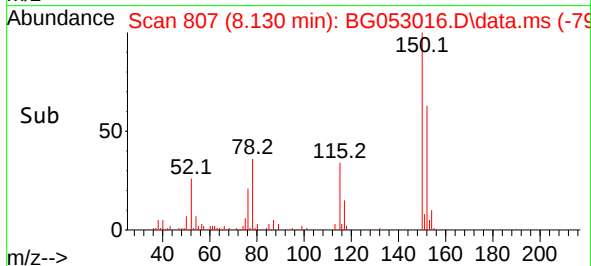
Instrument :
BNA_G
ClientSampleId :
MW-1R



Tgt Ion:152 Resp: 33998
Ion Ratio Lower Upper
152 100
150 158.4 114.6 172.0
115 55.8 45.9 68.9

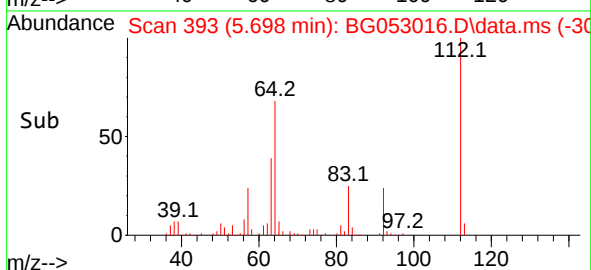
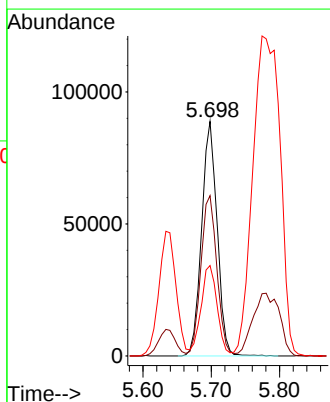
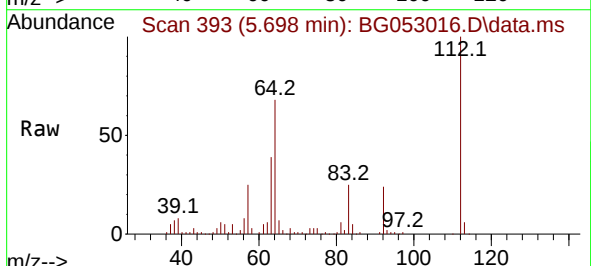
Manual Integrations
APPROVED

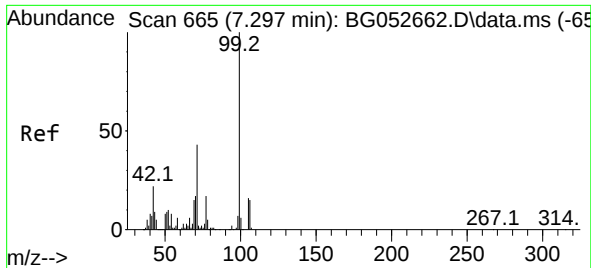
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#5
2-Fluorophenol
Concen: 71.738 ng
RT: 5.698 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion:112 Resp: 140047
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 38.5 26.5 39.7





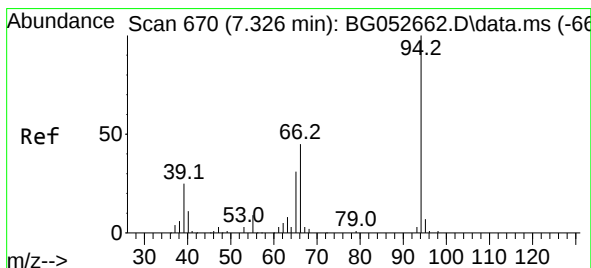
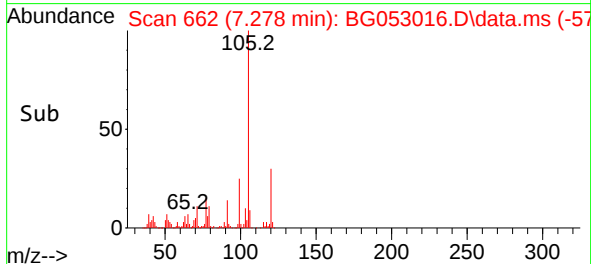
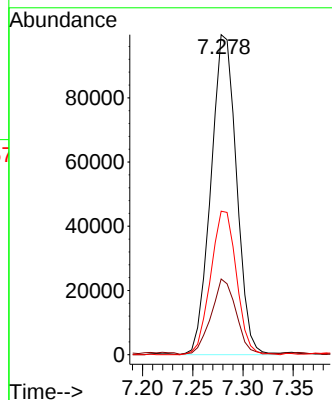
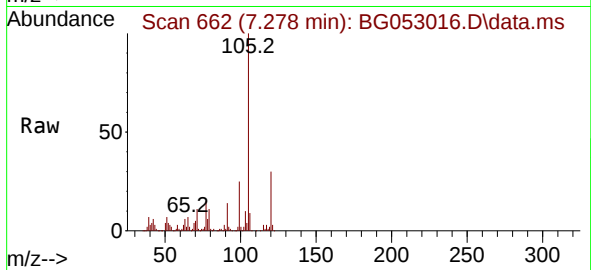
#7
Phenol-d6
Concen: 60.127 ng
RT: 7.278 min Scan# 662
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R

Tgt Ion: 99 Resp: 176962
Ion Ratio Lower Upper
99 100
42 23.6 14.7 22.1
71 44.9 29.2 43.8

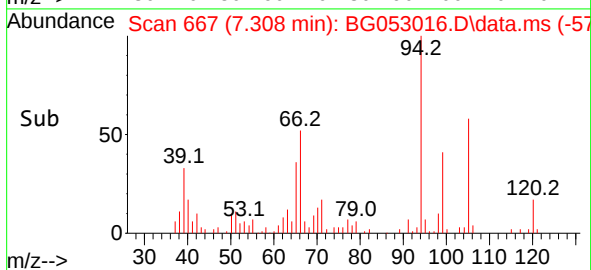
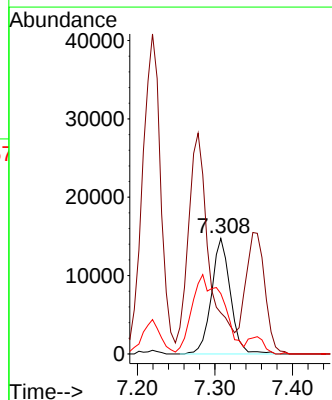
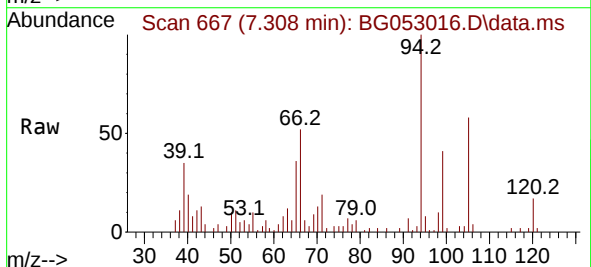
Manual Integrations
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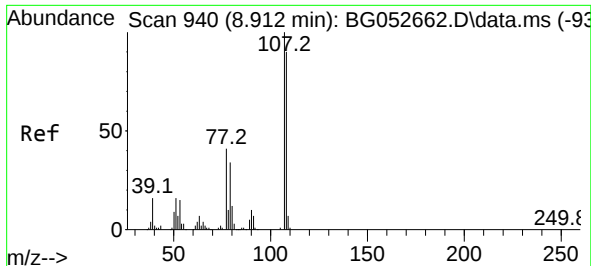
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#10
Phenol
Concen: 8.612 ng
RT: 7.308 min Scan# 667
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Tgt Ion: 94 Resp: 25019
Ion Ratio Lower Upper
94 100
65 35.5 11.1 51.1
66 52.3 20.0 60.0





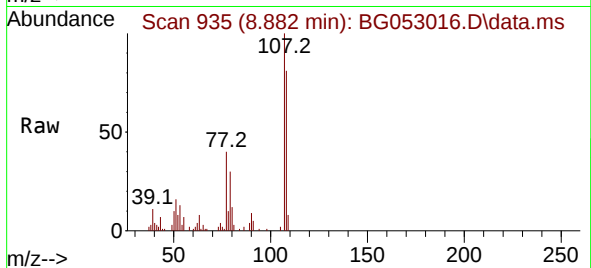
#20
3+4-Methylphenols
Concen: 11.370 ng
RT: 8.882 min Scan# 91
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :

BNA_G

ClientSampleId :

MW-1R

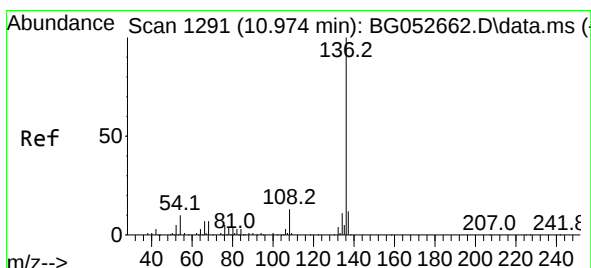
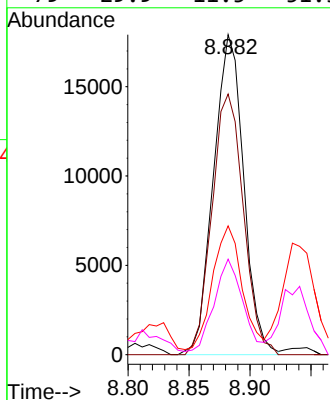
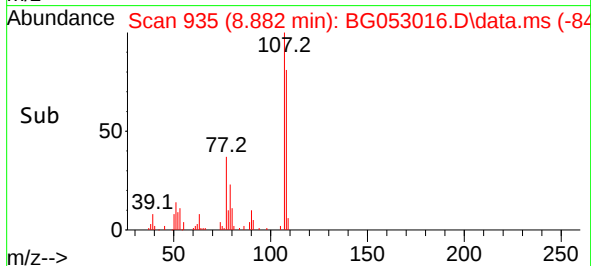


Tgt Ion:107 Resp: 30818
Ion Ratio Lower Upper
107 100
108 81.5 64.8 104.8
77 40.3 15.9 55.9
79 29.9 11.5 51.5

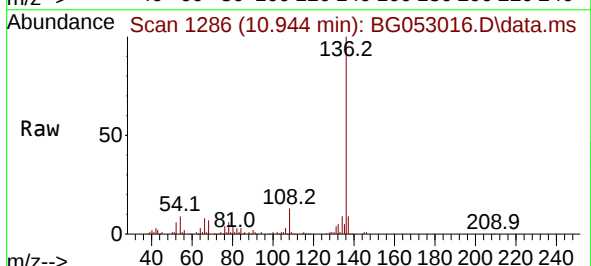
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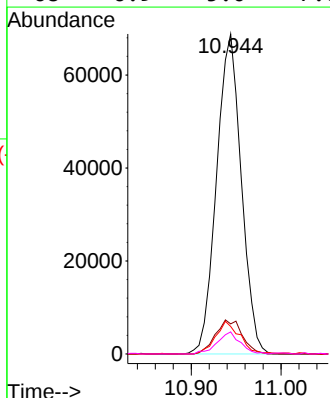
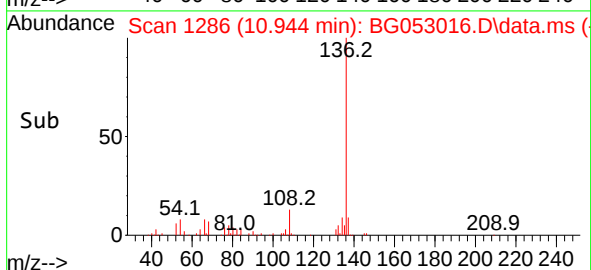
Reviewed By :Christian Giraldo 04/05/2022
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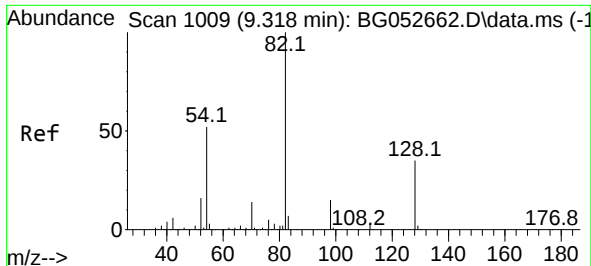


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 1286
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21



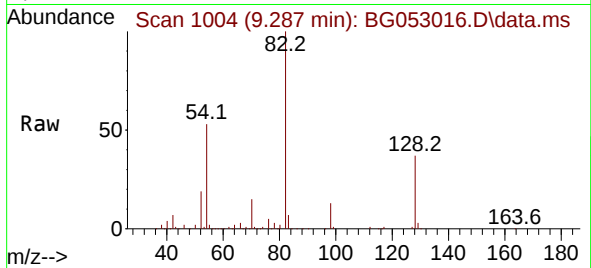
Tgt Ion:136 Resp: 131532
Ion Ratio Lower Upper
136 100
137 9.4 9.4 14.2#
54 8.6 6.4 9.6
68 6.9 5.0 7.6





#23
Nitrobenzene-d5
Concen: 97.022 ng
RT: 9.287 min Scan# 1004
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

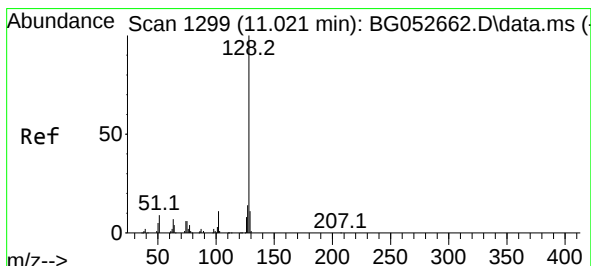
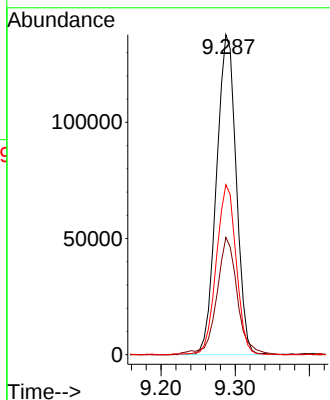
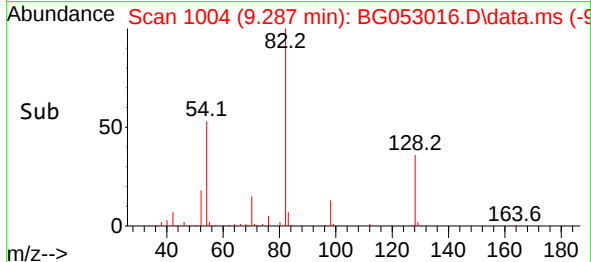
Instrument :
BNA_G
ClientSampleId :
MW-1R



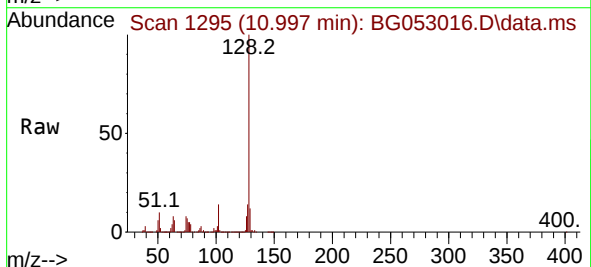
Tgt Ion: 82 Resp: 254262
Ion Ratio Lower Upper
82 100
128 36.7 31.3 46.9
54 53.1 37.8 56.8

Manual Integrations
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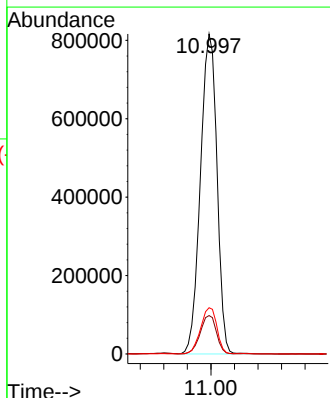
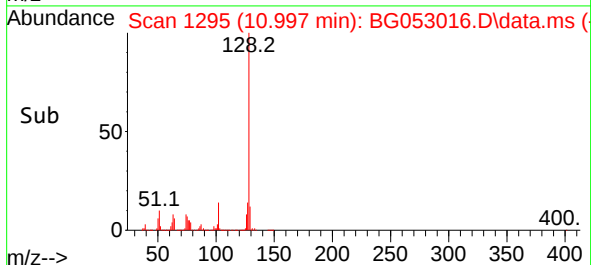
Reviewed By :Christian Giraldo 04/05/2022
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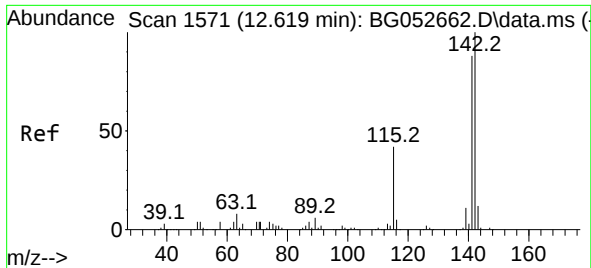


#31
Naphthalene
Concen: 234.394 ng
RT: 10.997 min Scan# 1295
Delta R.T. -0.010 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21



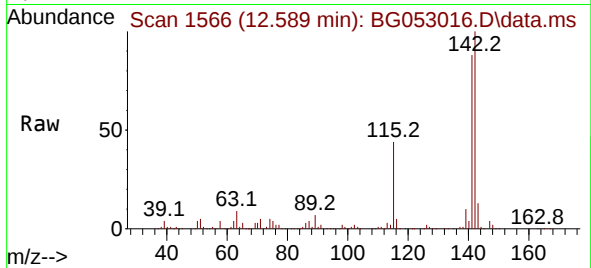
Tgt Ion:128 Resp: 1594287
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.5 15.7





#37
2-Methylnaphthalene
Concen: 44.628 ng
RT: 12.589 min Scan# 115
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

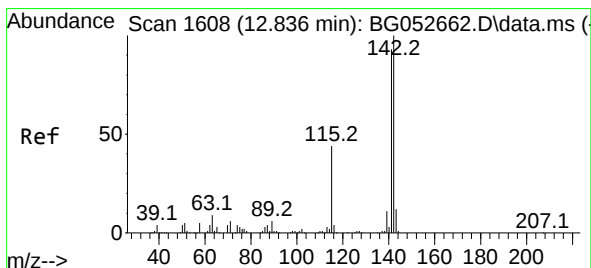
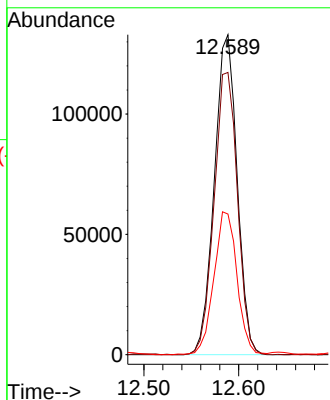
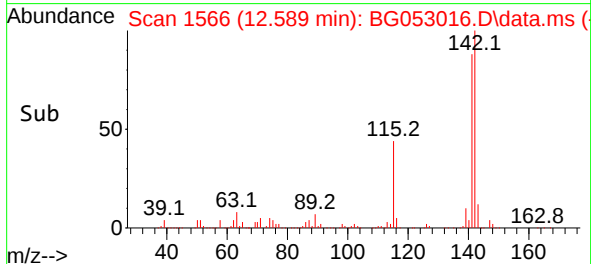
Instrument :
BNA_G
ClientSampleId :
MW-1R



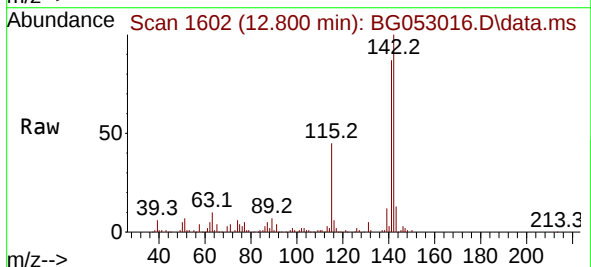
Tgt Ion:142 Resp: 222300
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 43.9 29.5 44.3

Manual Integrations
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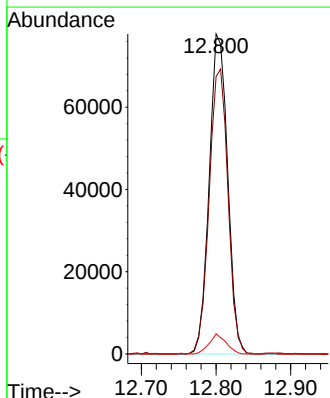
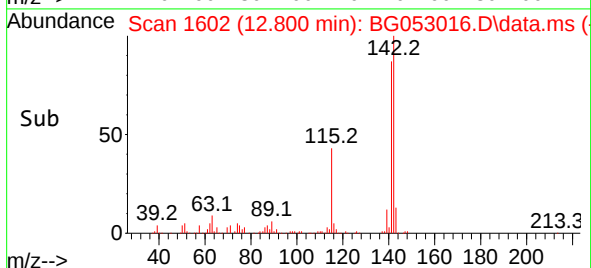
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

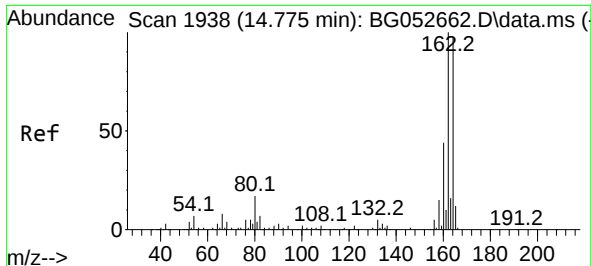


#38
1-Methylnaphthalene
Concen: 27.391 ng m
RT: 12.800 min Scan# 1602
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21



Tgt Ion:142 Resp: 133161
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
116 6.3 3.1 4.7#





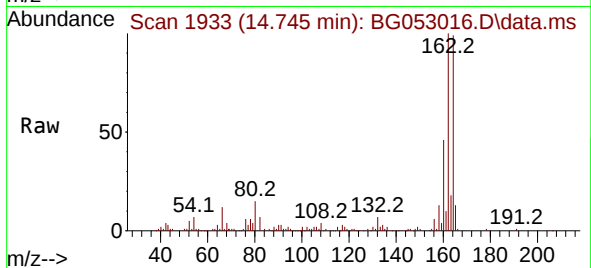
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1938
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :

BNA_G

ClientSampleId :

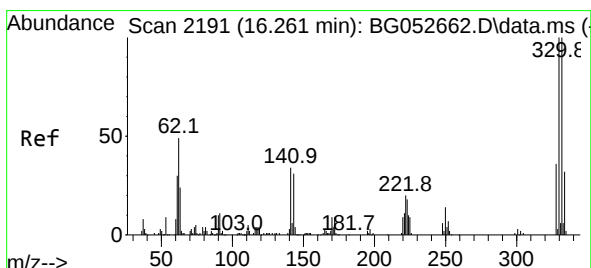
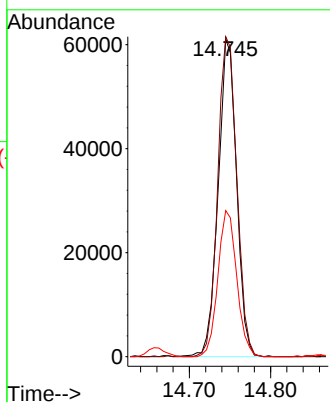
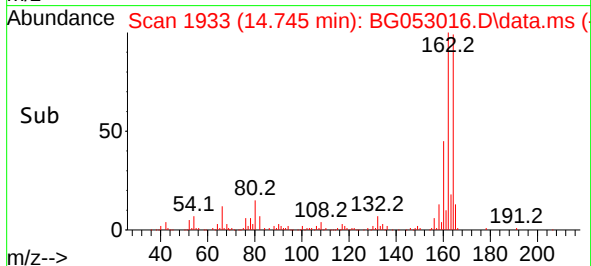
MW-1R



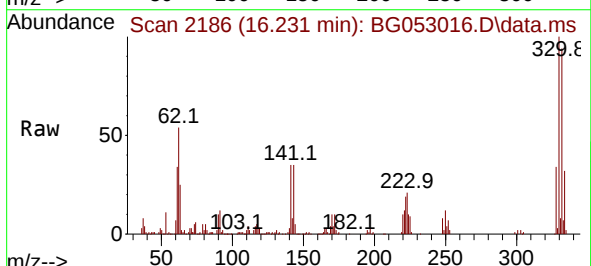
Tgt Ion:164 Resp: 9638
Ion Ratio Lower Upper
164 100
162 100.7 80.0 120.0
160 46.0 38.8 58.2

Manual Integrations
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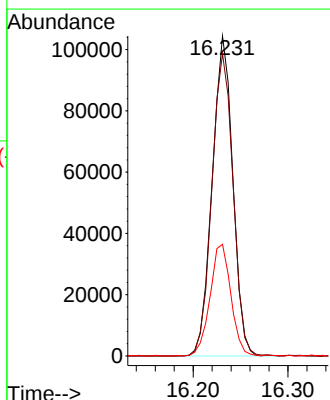
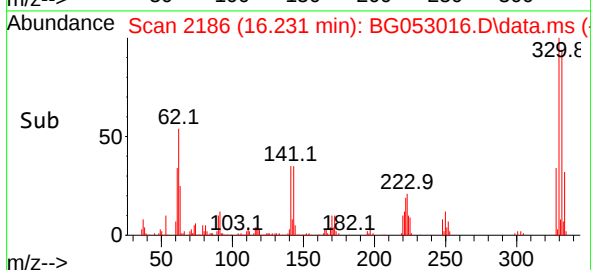
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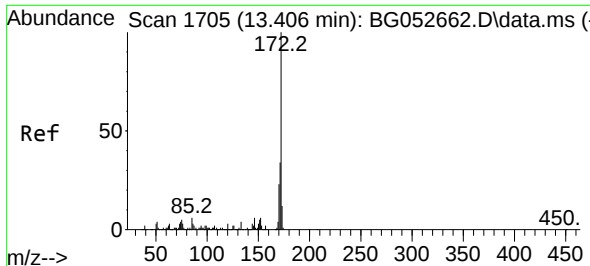


#42
2,4,6-Tribromophenol
Concen: 121.783 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21



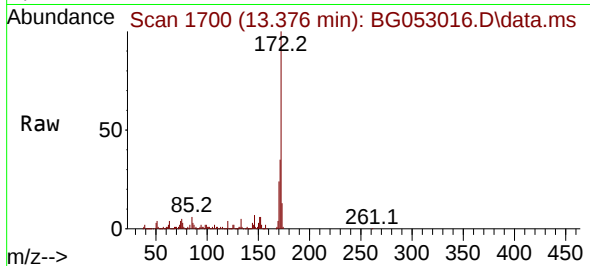
Tgt Ion:330 Resp: 157723
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 35.3 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 83.599 ng
RT: 13.376 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

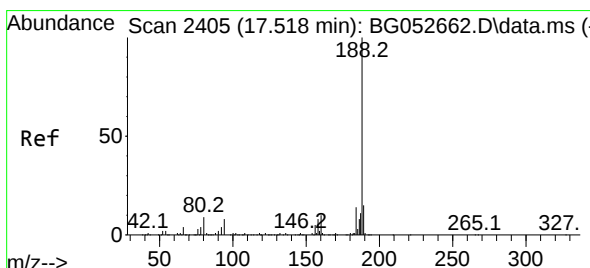
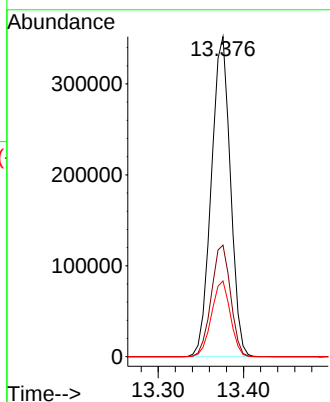
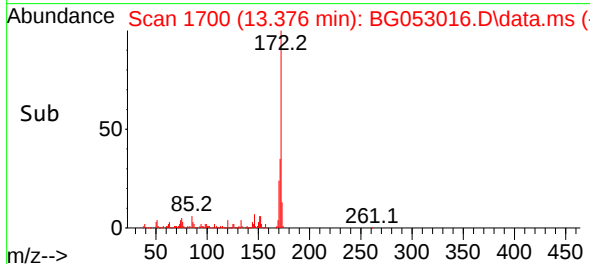
Instrument :
BNA_G
ClientSampleId :
MW-1R



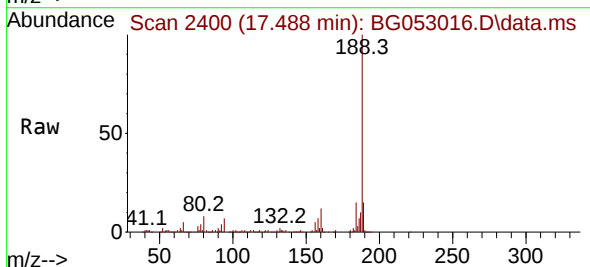
Tgt Ion:172 Resp: 546320
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.7 18.0 27.0

Manual Integrations
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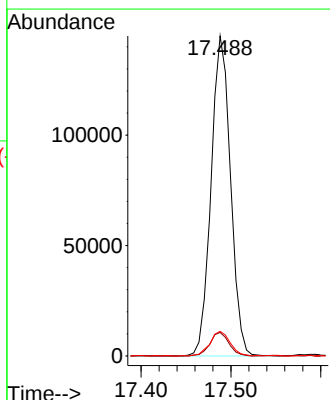
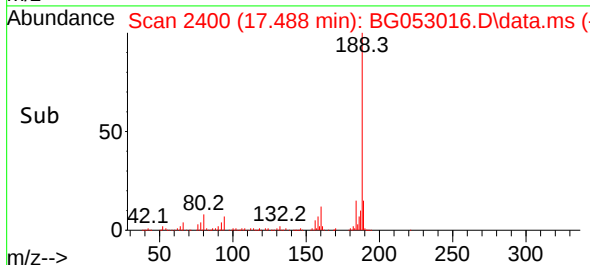
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

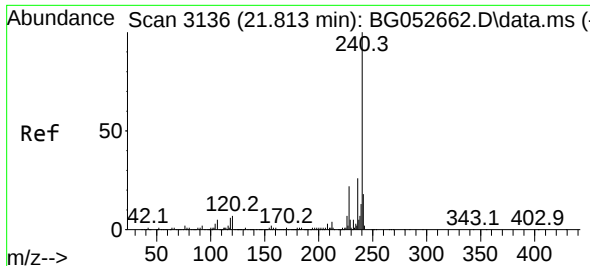


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.488 min Scan# 2400
Delta R.T. -0.016 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21



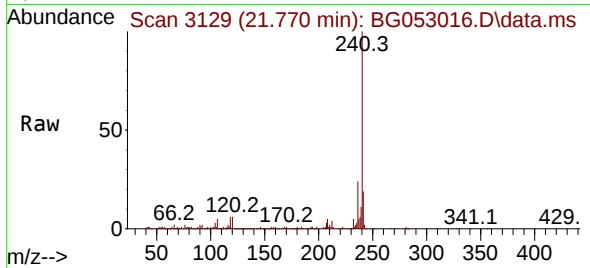
Tgt Ion:188 Resp: 217664
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.7 7.2 10.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3136
Delta R.T. -0.028 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

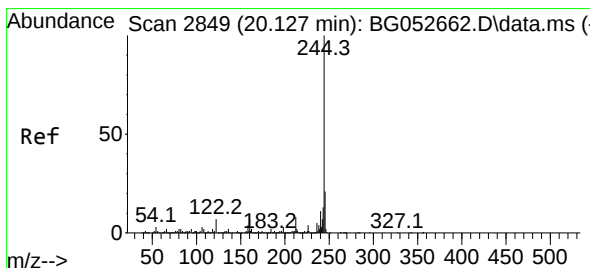
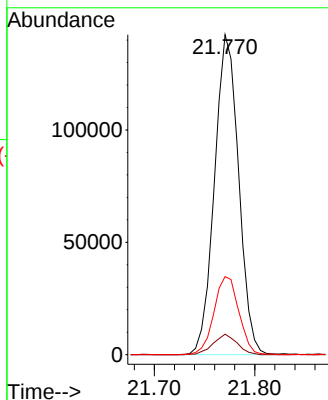
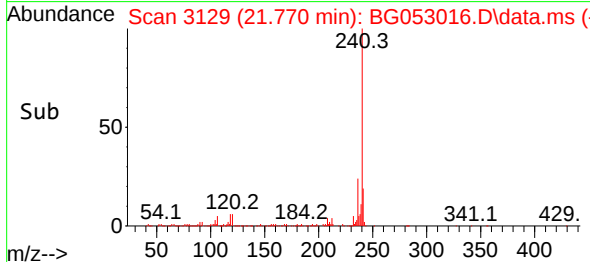
Instrument :
BNA_G
ClientSampleId :
MW-1R



Tgt Ion:240 Resp: 237499
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.4 19.8 29.6

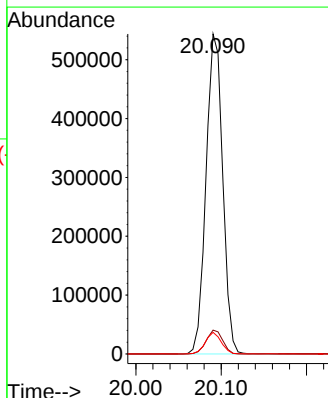
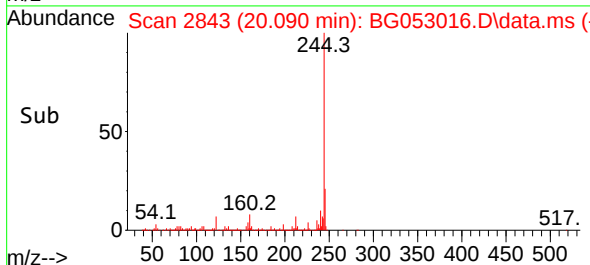
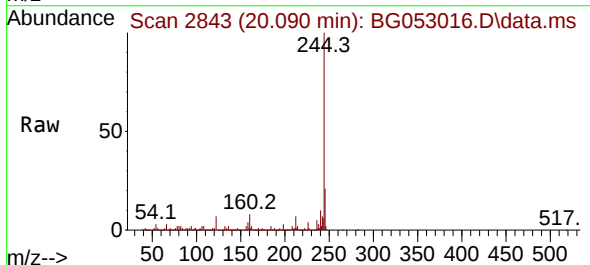
Manual Integrations
APPROVED

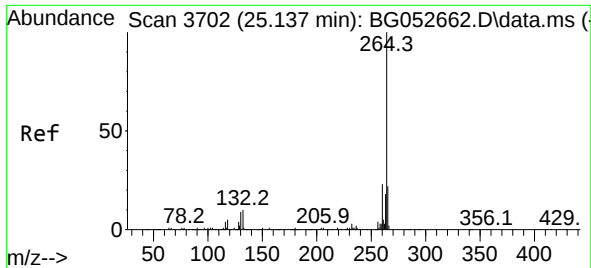
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#79
Terphenyl-d14
Concen: 55.247 ng
RT: 20.090 min Scan# 2843
Delta R.T. -0.022 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

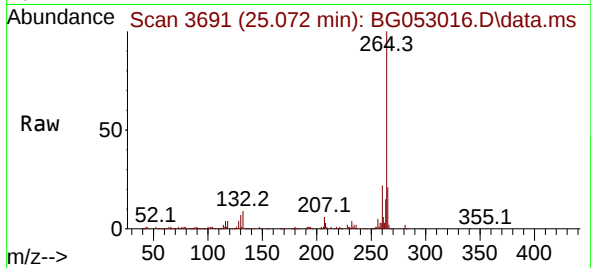
Tgt Ion:244 Resp: 737623
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.072 min Scan# 30
Delta R.T. -0.040 min
Lab File: BG053016.D
Acq: 4 Apr 2022 20:21

Instrument :
BNA_G
ClientSampleId :
MW-1R



Tgt Ion:264 Resp: 24555
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.2
265 20.9 15.1 22.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

