

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055665.D
 Acq On : 17 Nov 2022 14:22
 Operator : CG/JU
 Sample : N5497-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

Quant Time: Nov 18 03:14:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	40522	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	161802	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	131852	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	278246	20.000	ng	0.00
76) Chrysene-d12	21.913	240	279953	20.000	ng	0.00
86) Perylene-d12	25.321	264	285549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	144319	64.375	ng	0.02
7) Phenol-d6	7.395	99	106122	35.560	ng	0.00
23) Nitrobenzene-d5	9.428	82	261218	85.330	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	223933	120.612	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	647153	73.531	ng	0.00
79) Terphenyl-d14	20.204	244	726252	51.887	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.011	107	13294	4.012	ng	Qvalue 97
27) 2,4-Dimethylphenol	10.233	122	87921m	39.136	ng	
31) Naphthalene	11.150	128	3442495	393.573	ng	# 92
37) 2-Methylnaphthalene	12.724	142	666810	101.817	ng	99
38) 1-Methylnaphthalene	12.942	142	360384	56.684	ng	100

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

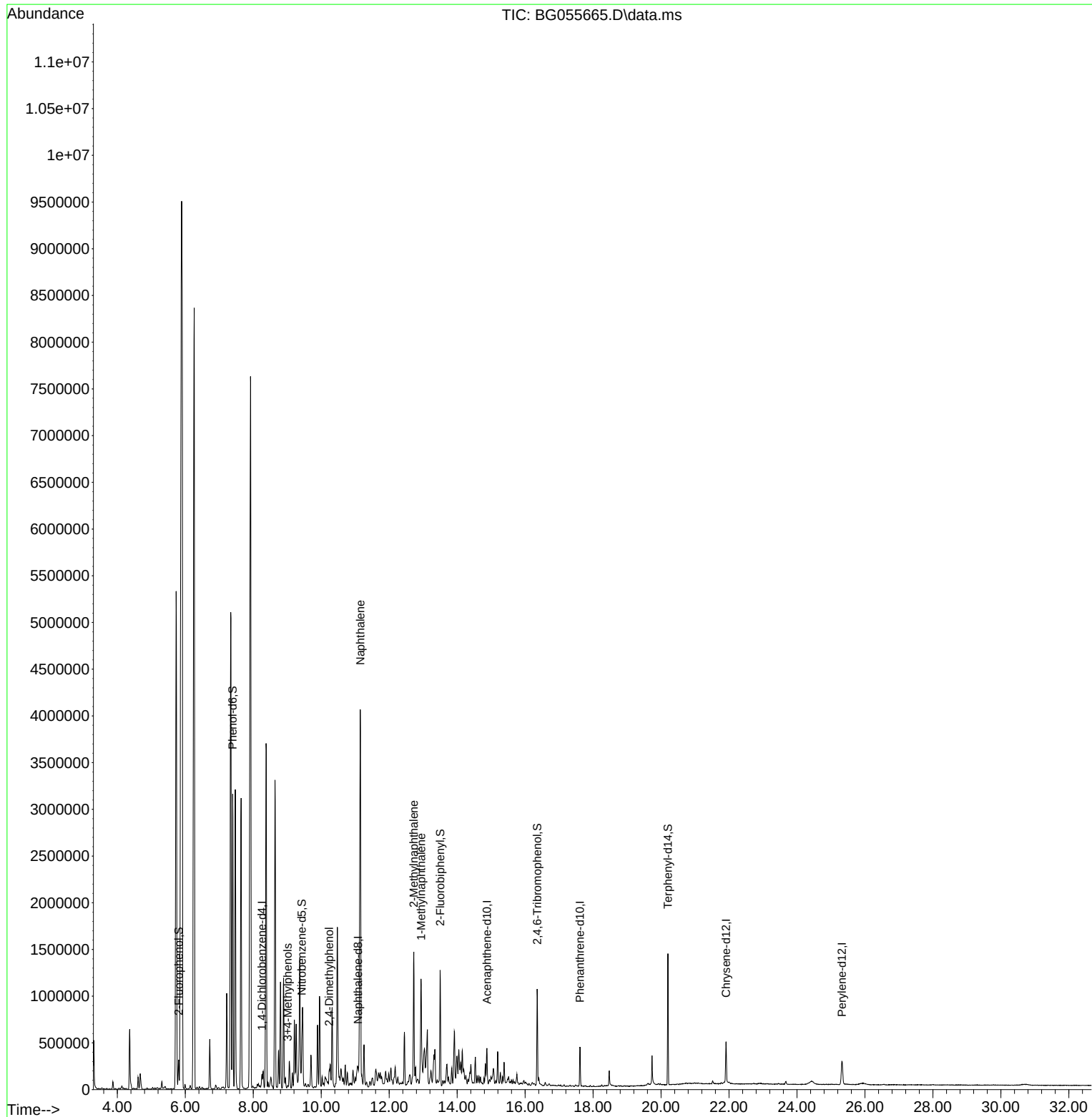
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055665.D
Acq On : 17 Nov 2022 14:22
Operator : CG/JU
Sample : N5497-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

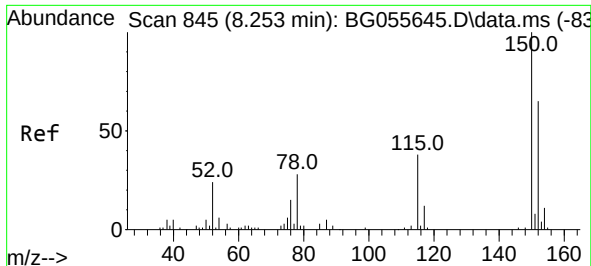
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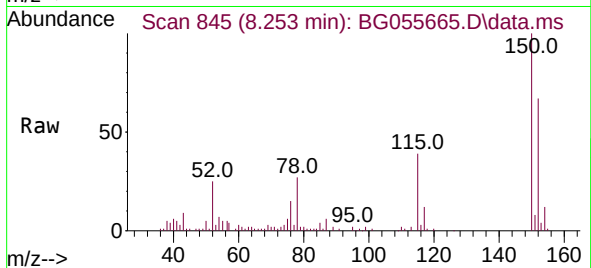
Quant Time: Nov 18 03:14:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.253 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: BG055665.D
 Acq: 17 Nov 2022 14:22

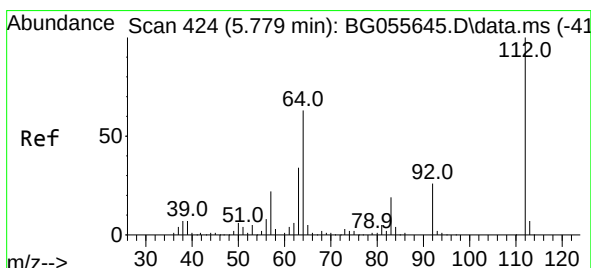
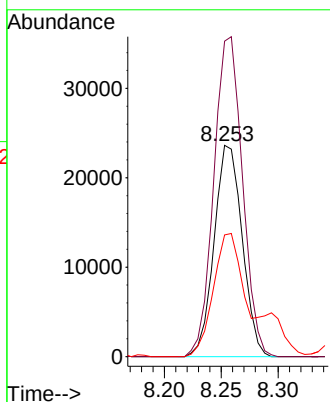
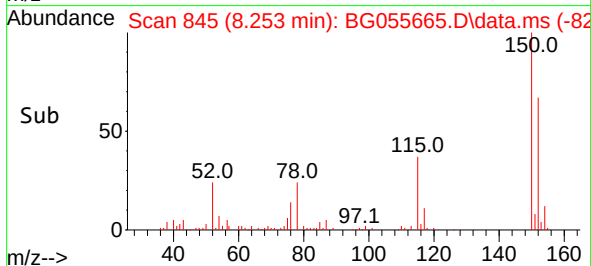
Instrument :
 BNA_G
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 MW-08



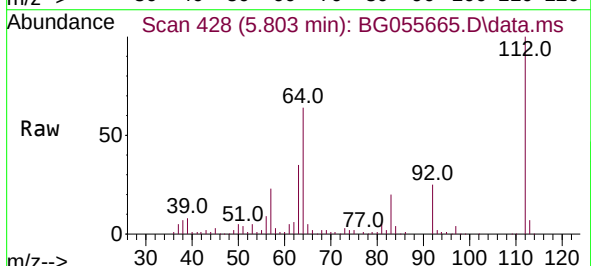
Tgt Ion:152 Resp: 40522
 Ion Ratio Lower Upper
 152 100
 150 149.3 123.0 184.6
 115 57.6 47.0 70.4

Manual Integrations
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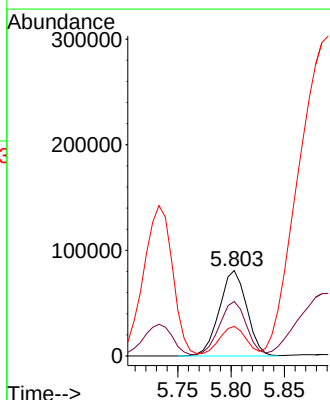
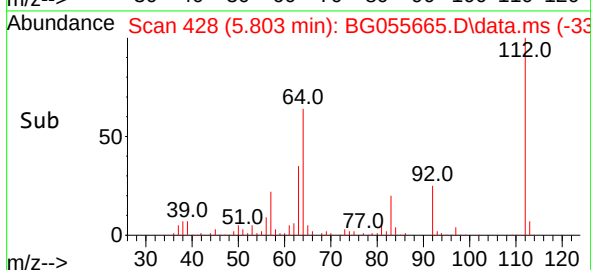
Reviewed By :Christian Giraldo 11/18/2022
 Supervised By :Jagrut Upadhyay 11/18/2022

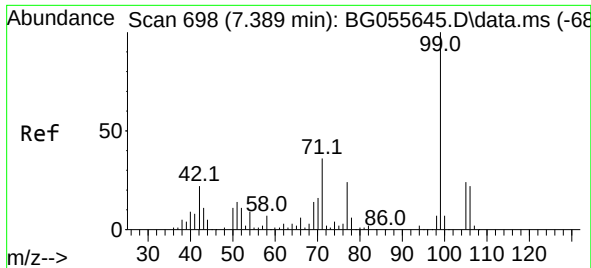


#5
 2-Fluorophenol
 Concen: 64.375 ng
 RT: 5.803 min Scan# 428
 Delta R.T. 0.024 min
 Lab File: BG055665.D
 Acq: 17 Nov 2022 14:22



Tgt Ion:112 Resp: 144319
 Ion Ratio Lower Upper
 112 100
 64 63.6 50.6 76.0
 63 34.6 27.5 41.3





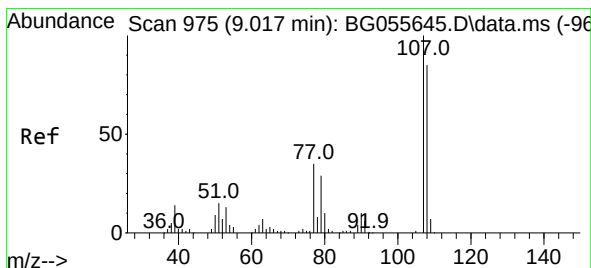
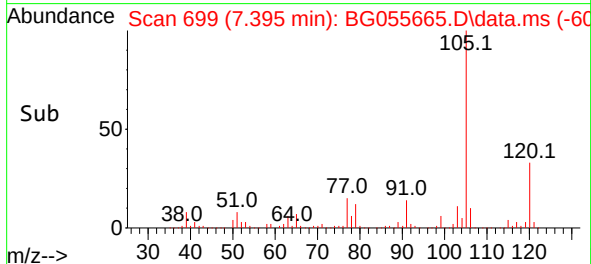
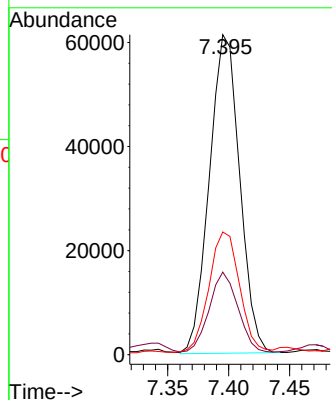
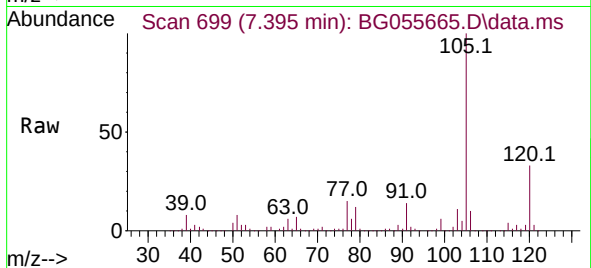
#7
Phenol-d6
Concen: 35.560 ng
RT: 7.395 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 106122
Ion Ratio Lower Upper
99 100
42 25.8 18.0 27.0
71 38.4 29.0 43.6

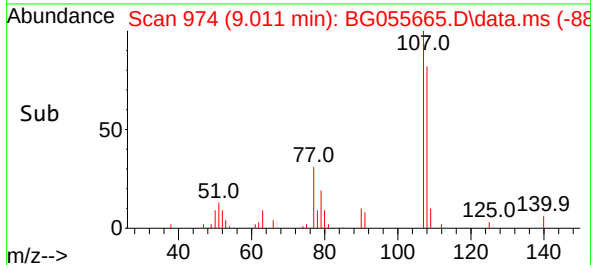
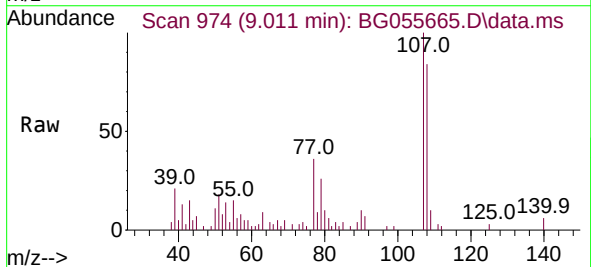
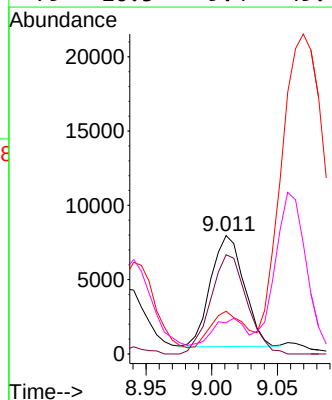
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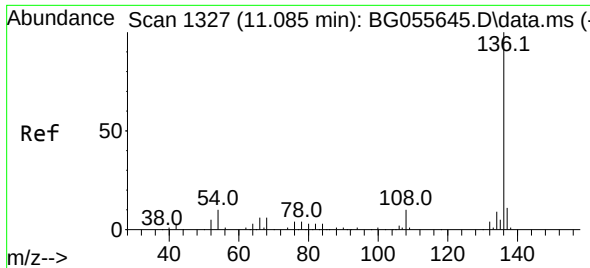
Reviewed By :Christian Giraldo 11/18/2022
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#20
3+4-Methylphenols
Concen: 4.012 ng
RT: 9.011 min Scan# 974
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

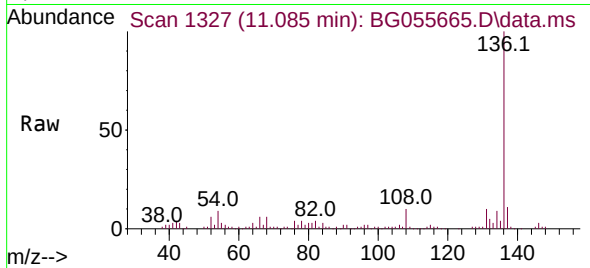
Tgt Ion:107 Resp: 13294
Ion Ratio Lower Upper
107 100
108 83.8 65.5 105.5
77 36.0 14.6 54.6
79 26.3 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

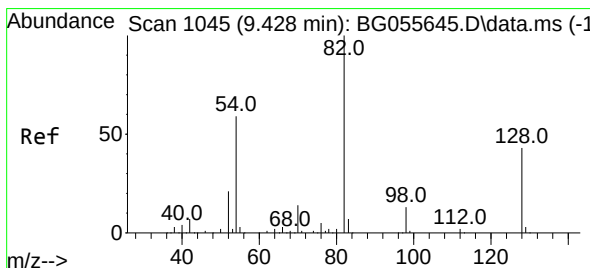
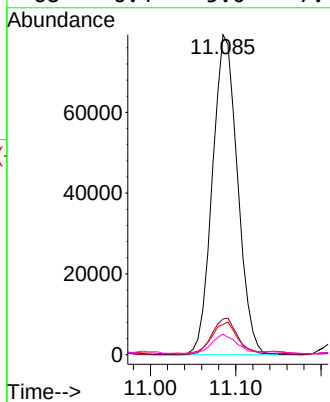
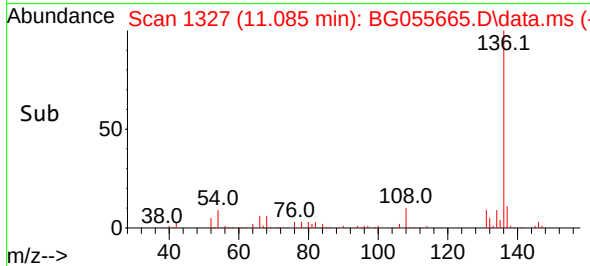
Instrument :
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ClientSampleId :
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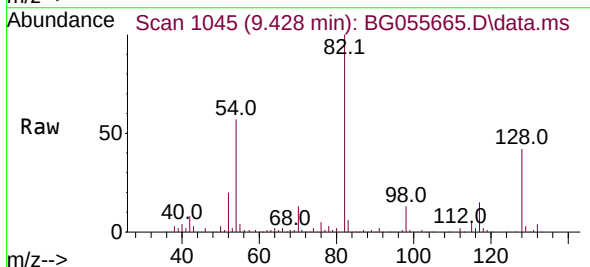
Tgt Ion:136 Resp: 161802
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.4 7.8 11.6
68 6.4 5.0 7.4

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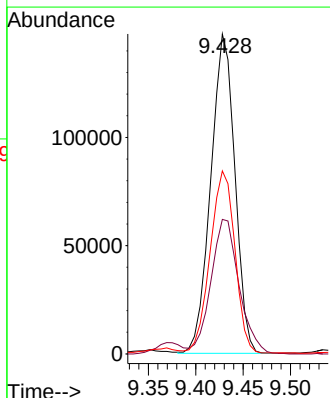
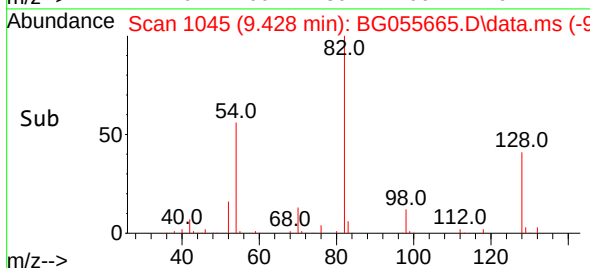
Reviewed By :Christian Giraldo 11/18/2022
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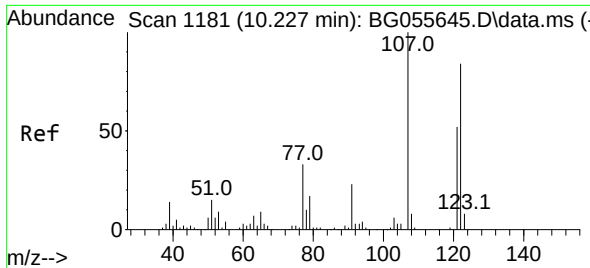


#23
Nitrobenzene-d5
Concen: 85.330 ng
RT: 9.428 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22



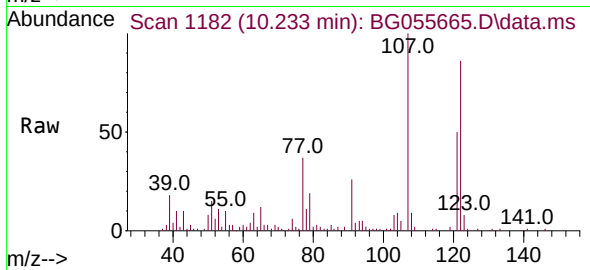
Tgt Ion: 82 Resp: 261218
Ion Ratio Lower Upper
82 100
128 42.0 34.1 51.1
54 57.2 47.3 70.9





#27
2,4-Dimethylphenol
Concen: 39.136 ng m
RT: 10.233 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

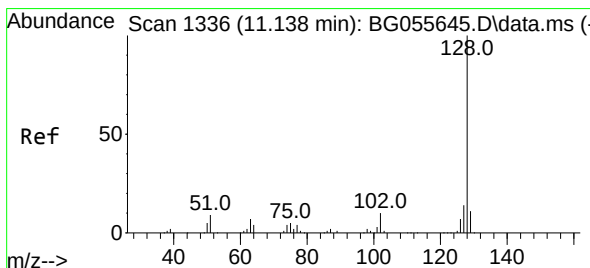
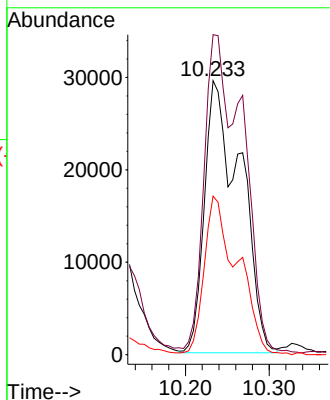
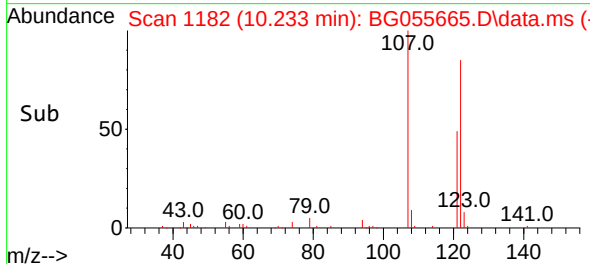
Instrument :
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Tgt Ion:122 Resp: 87921
Ion Ratio Lower Upper
122 100
107 116.8 95.8 143.6
121 57.9 49.6 74.4

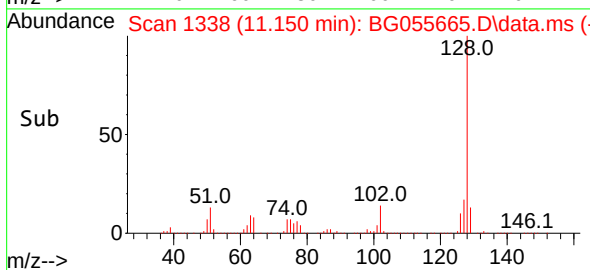
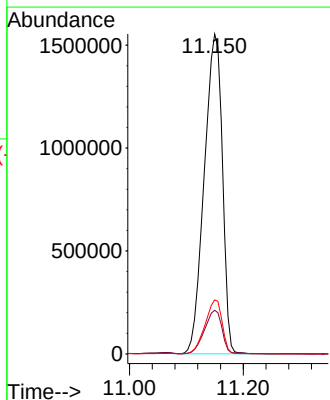
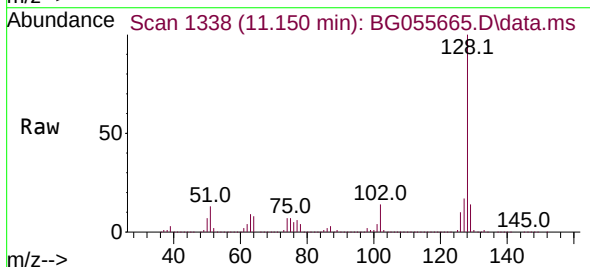
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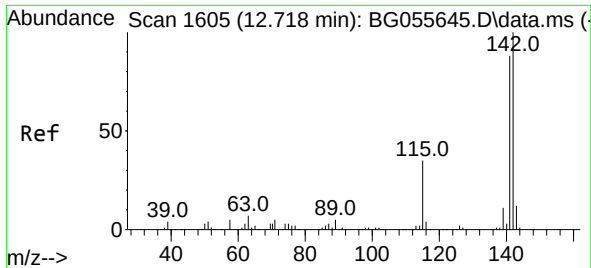
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022



#31
Naphthalene
Concen: 393.573 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

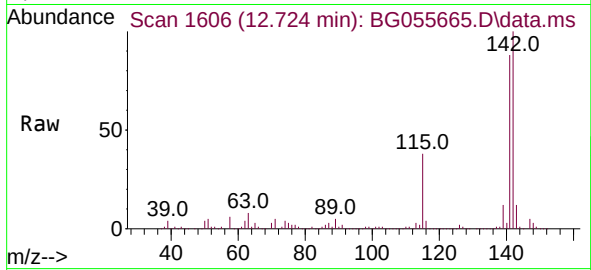
Tgt Ion:128 Resp: 3442495
Ion Ratio Lower Upper
128 100
129 13.6 8.7 13.1#
127 16.9 10.9 16.3#





#37
2-Methylnaphthalene
Concen: 101.817 ng
RT: 12.724 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

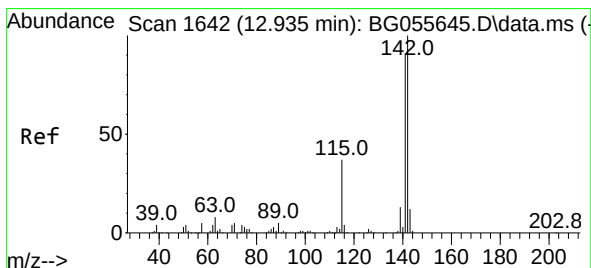
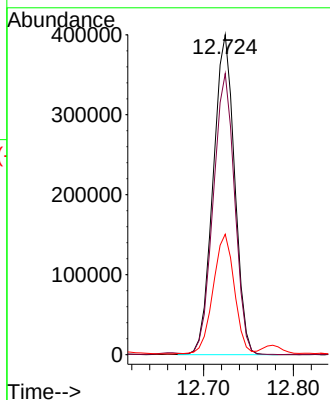
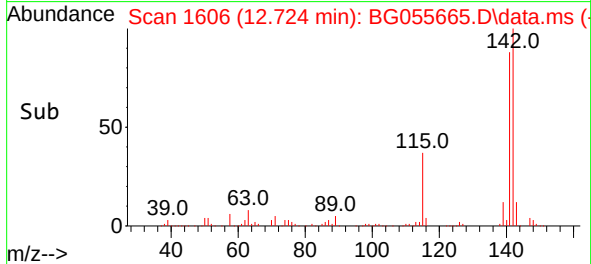
Instrument :
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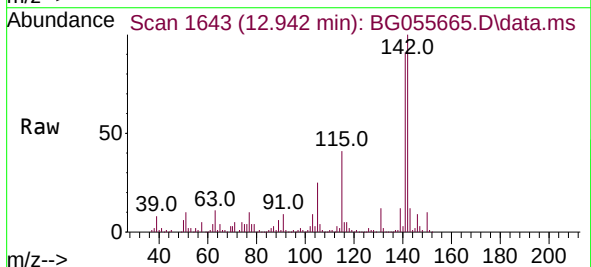
Tgt Ion:142 Resp: 666810
Ion Ratio Lower Upper
142 100
141 87.8 70.3 105.5
115 37.6 27.9 41.9

Manual Integrations
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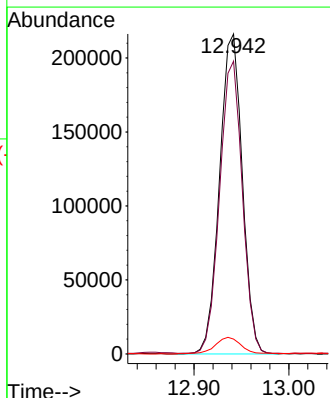
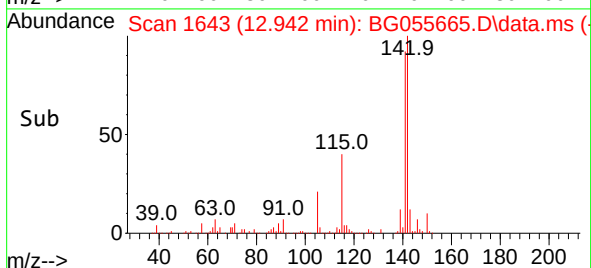
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Supervised By :Jagrut Upadhyay 11/18/2022

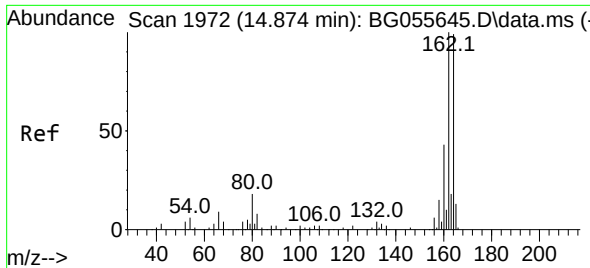


#38
1-Methylnaphthalene
Concen: 56.684 ng
RT: 12.942 min Scan# 1643
Delta R.T. 0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22



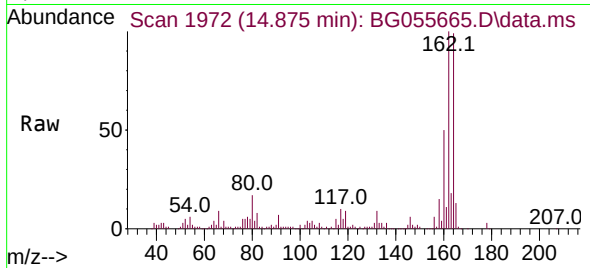
Tgt Ion:142 Resp: 360384
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4
116 4.6 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

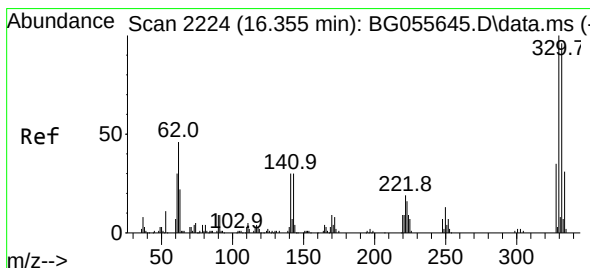
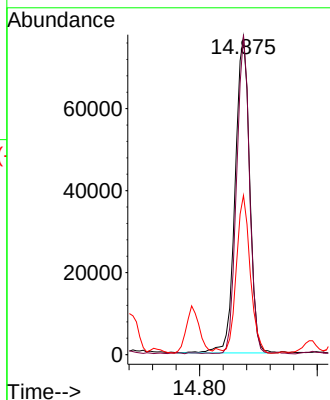
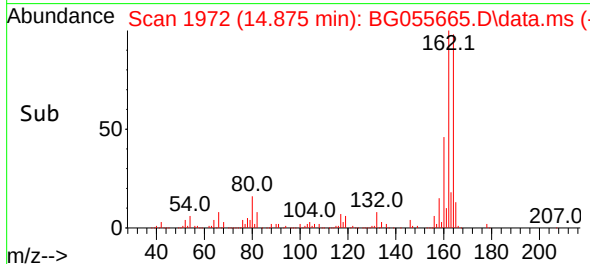
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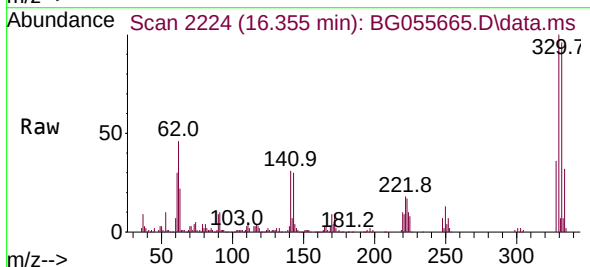
Tgt Ion:164 Resp: 131852
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 50.0 34.8 52.2

Manual Integrations
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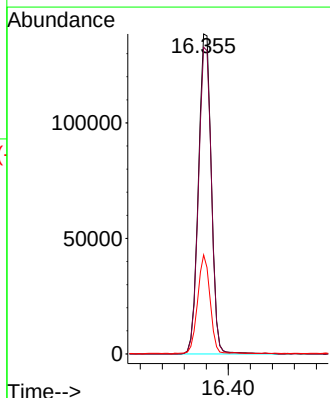
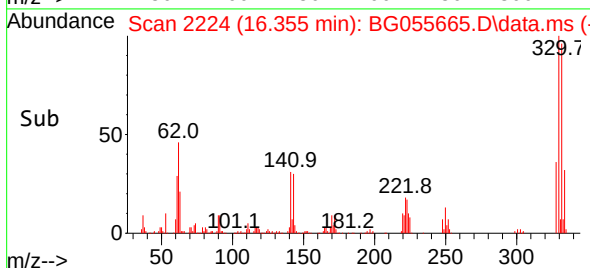
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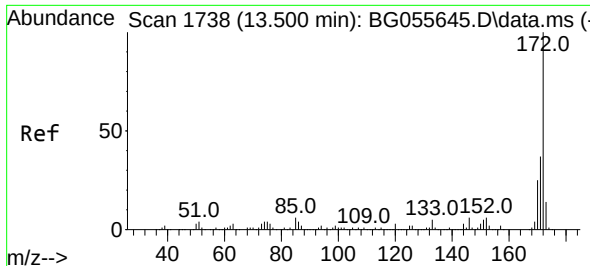


#42
2,4,6-Tribromophenol
Concen: 120.612 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22



Tgt Ion:330 Resp: 223933
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.0 23.9 35.9





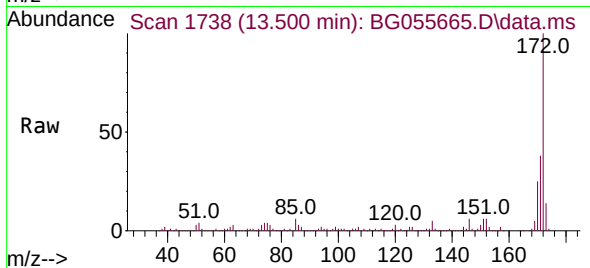
#45
2-Fluorobiphenyl
Concen: 73.531 ng
RT: 13.500 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MW-08

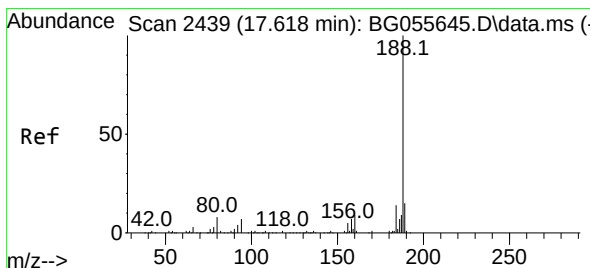
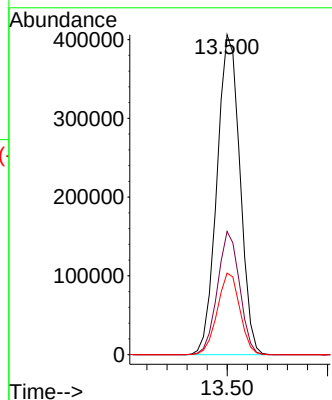
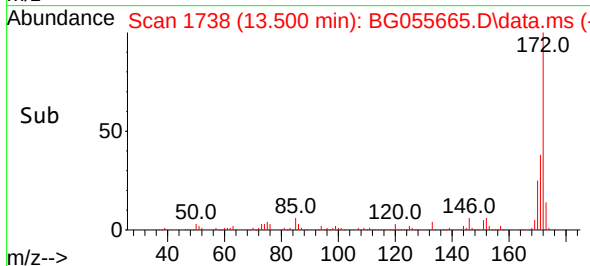


Tgt Ion:172 Resp: 647153
Ion Ratio Lower Upper
172 100
171 38.5 29.8 44.6
170 25.5 20.2 30.4

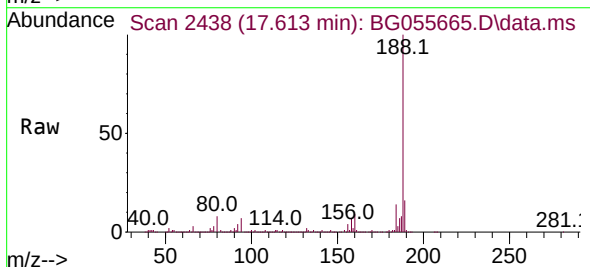
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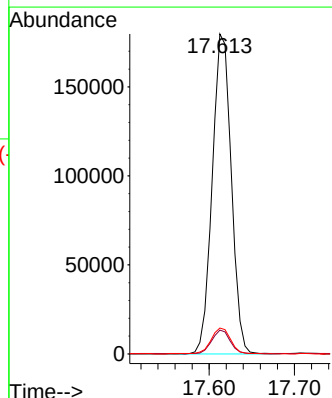
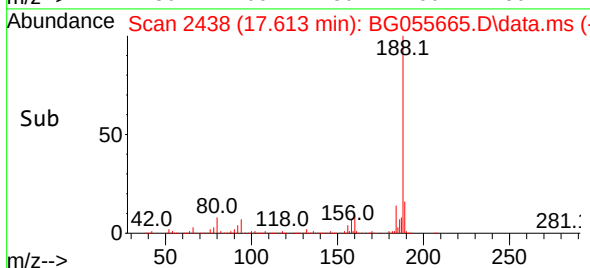
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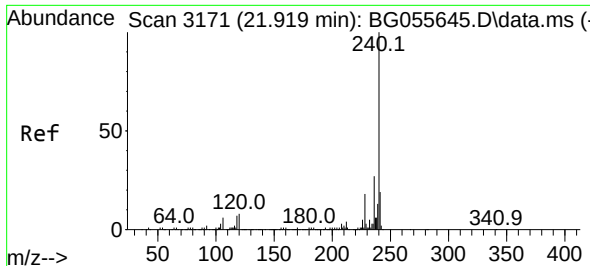


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22



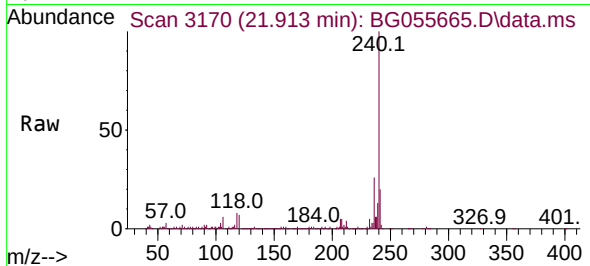
Tgt Ion:188 Resp: 278246
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.1 6.6 10.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

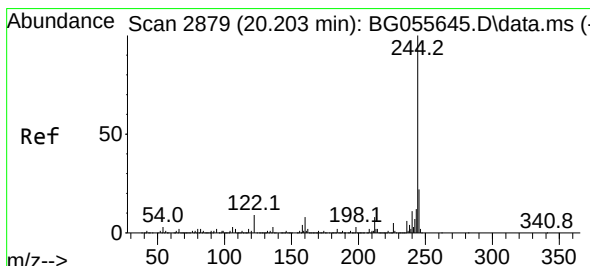
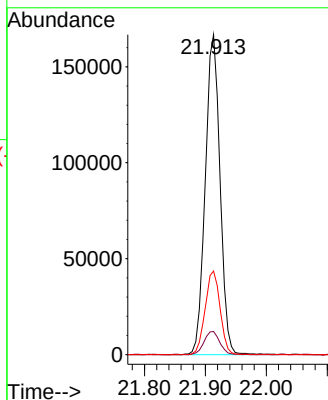
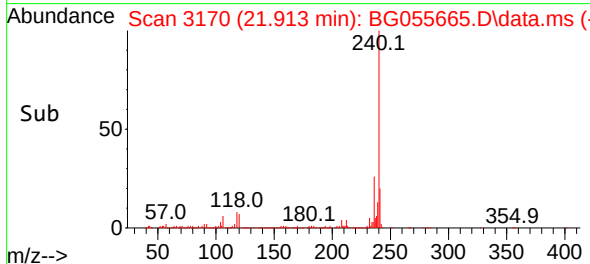
Instrument :
BNA_G
ClientSampleId :
MW-08



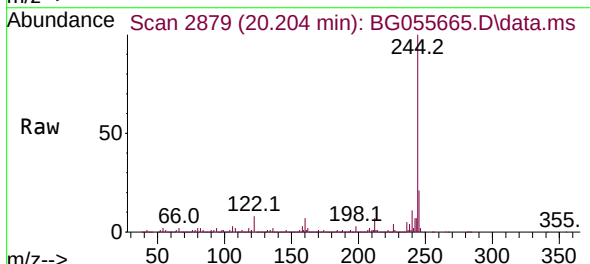
Tgt Ion:240 Resp: 279953
Ion Ratio Lower Upper
240 100
120 7.2 6.3 9.5
236 26.1 21.9 32.9

Manual Integrations
APPROVED

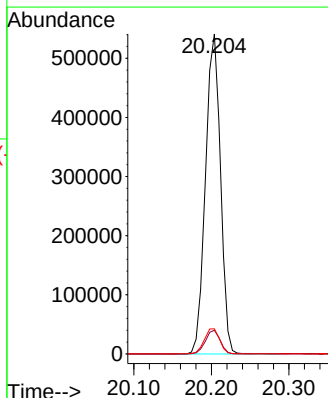
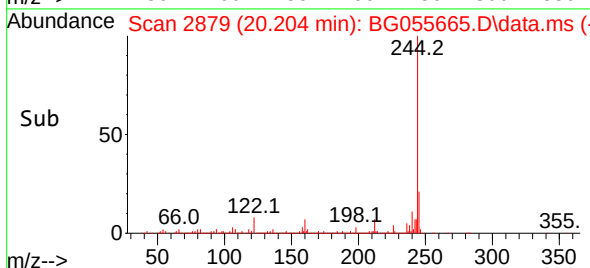
Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

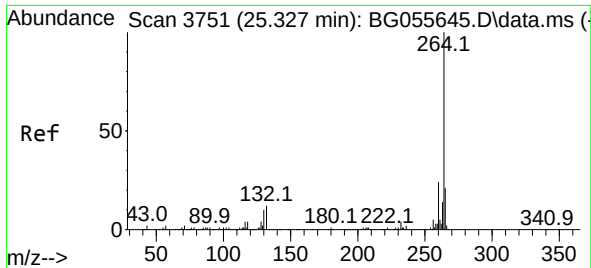


#79
Terphenyl-d14
Concen: 51.887 ng
RT: 20.204 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22



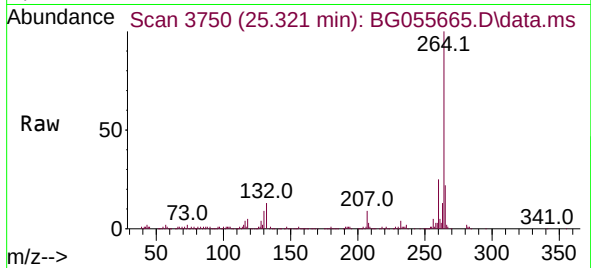
Tgt Ion:244 Resp: 726252
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 7.8 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.321 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055665.D
Acq: 17 Nov 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MW-08



Tgt Ion:264 Resp: 285549
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.4 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

