

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055275.D
 Acq On : 25 Oct 2022 14:01
 Operator : CG/JU
 Sample : N5222-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Oct 25 14:38:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	42235	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	177102	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	115389	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	242940	20.000	ng	0.00
76) Chrysene-d12	21.887	240	241957	20.000	ng	-0.01
86) Perylene-d12	25.283	264	250358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	84190	34.903	ng	0.00
7) Phenol-d6	7.409	99	66233	18.953	ng	0.00
23) Nitrobenzene-d5	9.442	82	189458	54.626	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	102697	81.871	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	395108	56.045	ng	0.00
79) Terphenyl-d14	20.189	244	639999	54.957	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.439	94	14382	3.674	ng	94
17) 2-Methylphenol	8.708	107	16403	5.925	ng	98
20) 3+4-Methylphenols	9.031	107	8221	2.073	ng	98
22) Acetophenone	9.084	105	79684	17.599	ng	# 71
27) 2,4-Dimethylphenol	10.247	122	74563	30.201	ng	97
31) Naphthalene	11.152	128	353364	37.402	ng	99
37) 2-Methylnaphthalene	12.733	142	53274	7.821	ng	99
38) 1-Methylnaphthalene	12.950	142	66890m	9.954	ng	

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

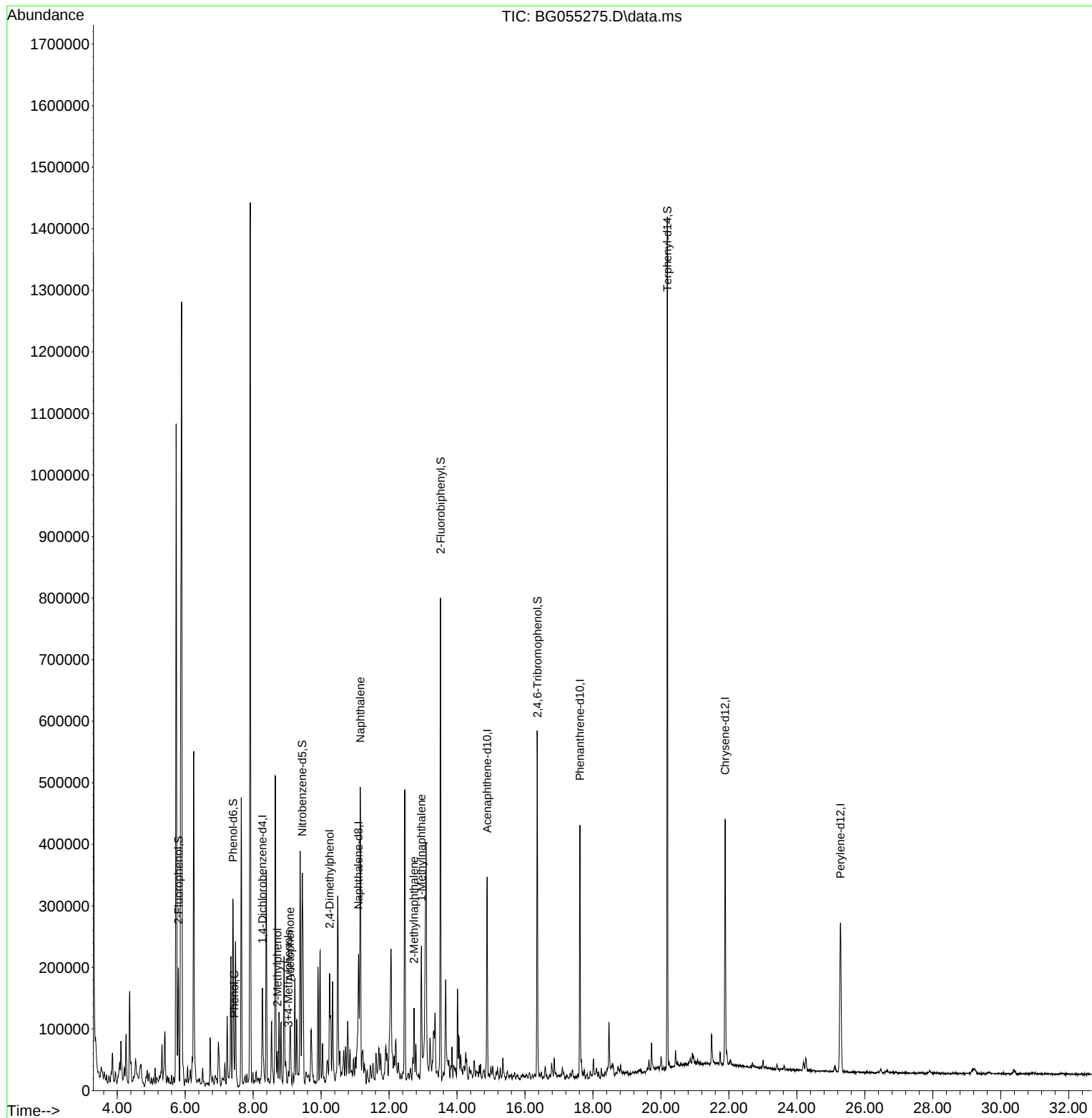
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055275.D
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ALS Vial : 9 Sample Multiplier: 1

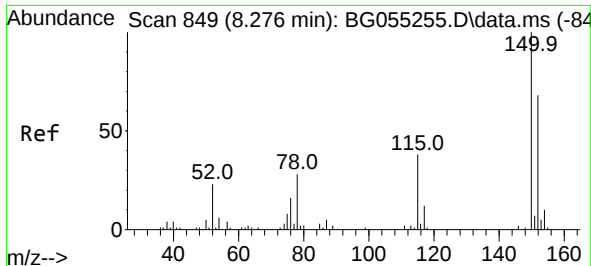
Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Time: Oct 25 14:38:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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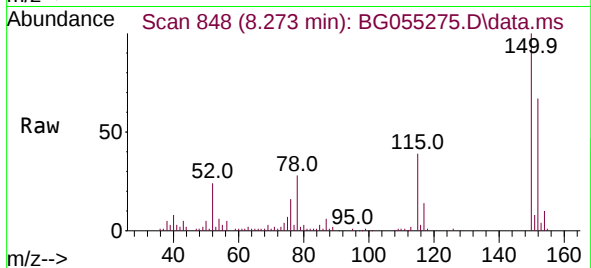
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

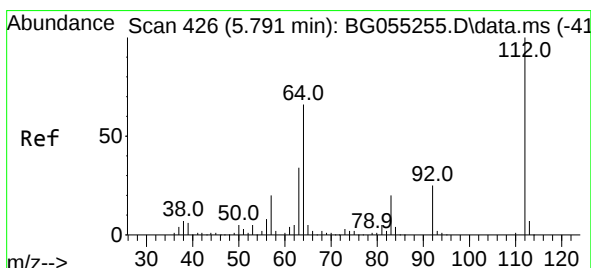
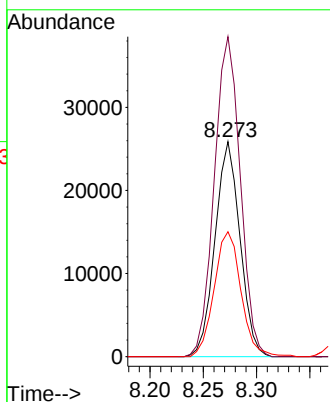
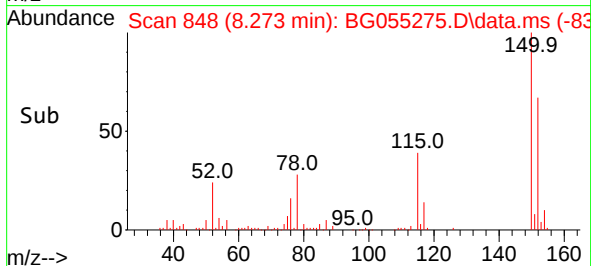
Instrument :
BNA_G
ClientSampleId :
MW-6



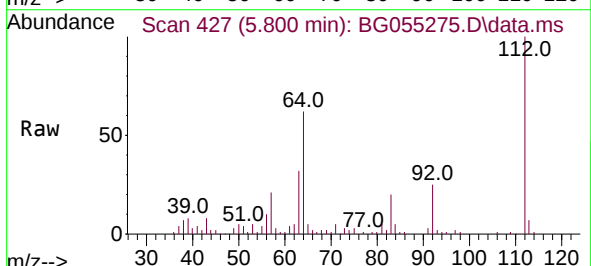
Tgt Ion:152 Resp: 42235
Ion Ratio Lower Upper
152 100
150 148.9 118.2 177.4
115 58.1 44.5 66.7

Manual Integrations
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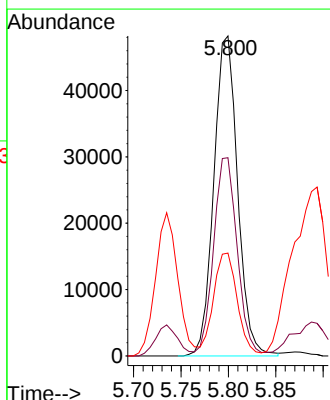
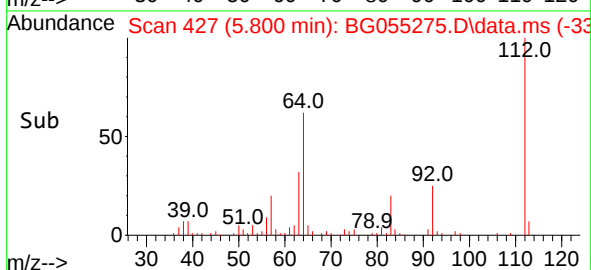
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

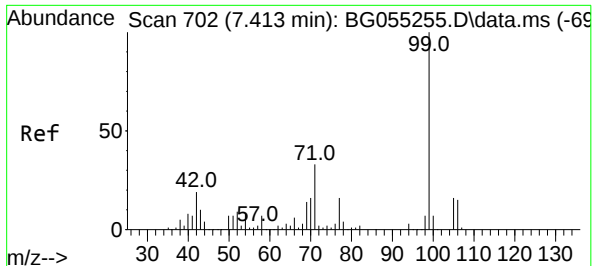


#5
2-Fluorophenol
Concen: 34.903 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.009 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



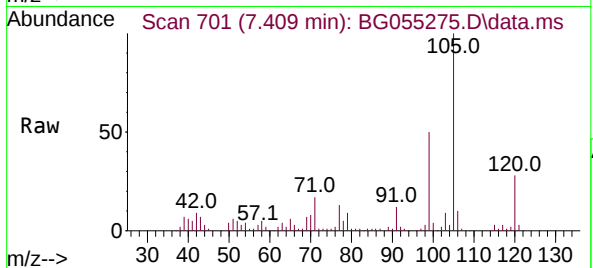
Tgt Ion:112 Resp: 84190
Ion Ratio Lower Upper
112 100
64 61.9 52.6 78.8
63 32.1 27.1 40.7





#7
Phenol-d6
Concen: 18.953 ng
RT: 7.409 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

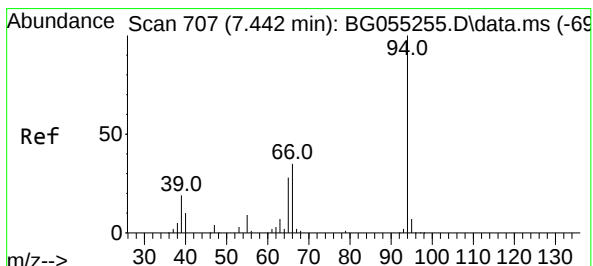
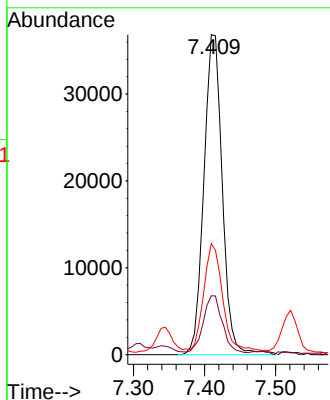
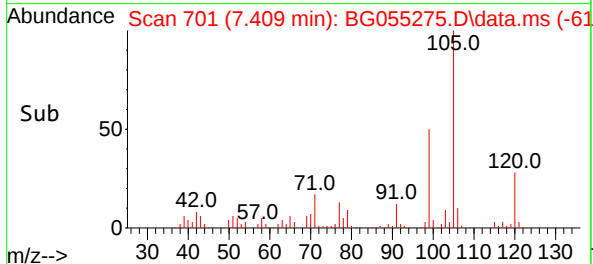
Instrument :
BNA_G
ClientSampleId :
MW-6



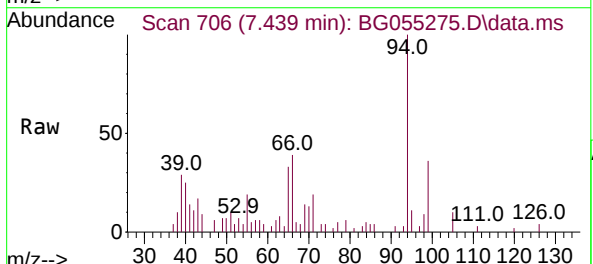
Tgt Ion: 99 Resp: 66233
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 34.7 26.2 39.4

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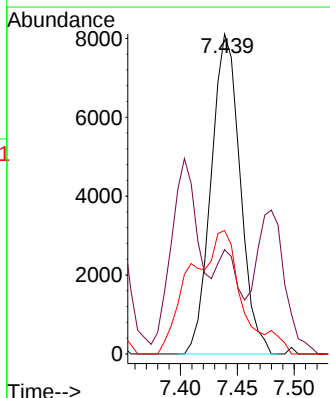
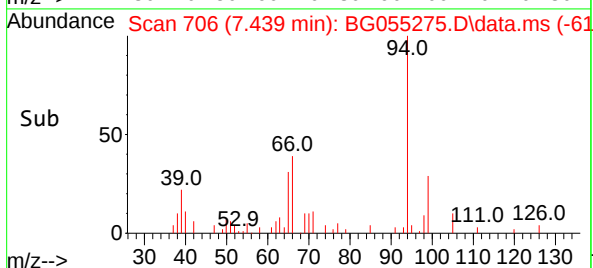
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

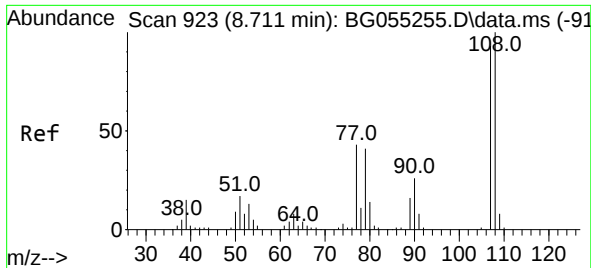


#10
Phenol
Concen: 3.674 ng
RT: 7.439 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



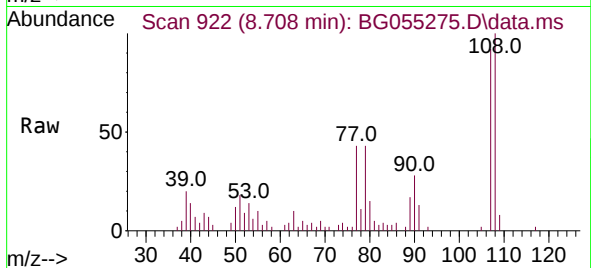
Tgt Ion: 94 Resp: 14382
Ion Ratio Lower Upper
94 100
65 32.6 8.4 48.4
66 38.6 16.3 56.3





#17
2-Methylphenol
Concen: 5.925 ng
RT: 8.708 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

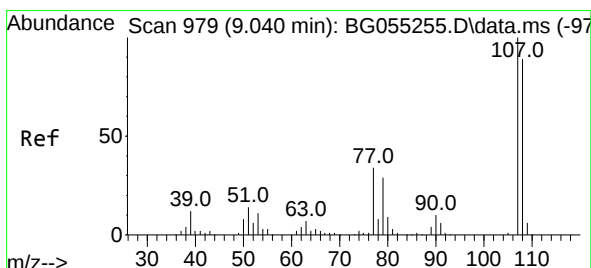
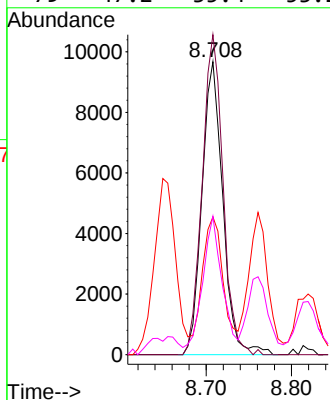
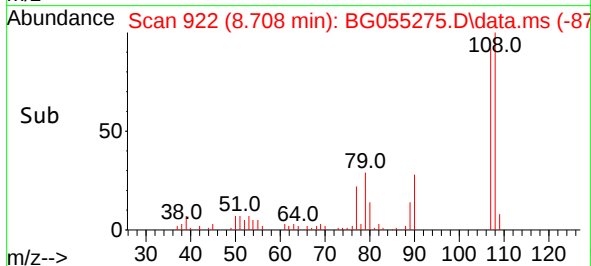
Instrument :
BNA_G
ClientSampleId :
MW-6



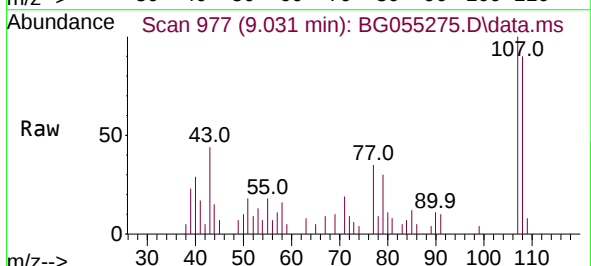
Tgt Ion:107 Resp: 16403
Ion Ratio Lower Upper
107 100
108 109.3 86.0 129.0
77 47.0 37.4 56.0
79 47.2 35.4 53.2

Manual Integrations
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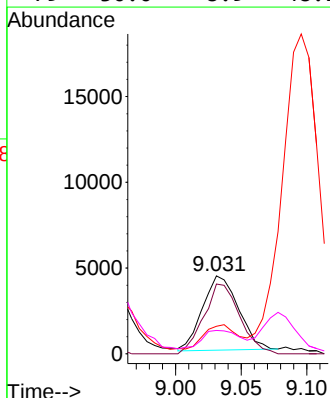
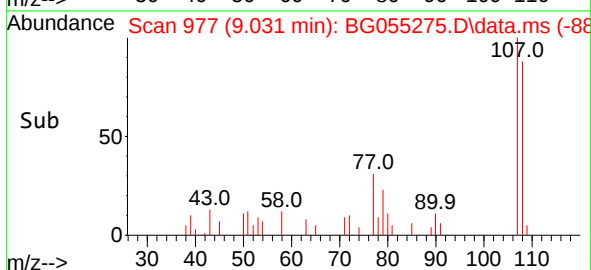
Reviewed By :Christian Giraldo 11/02/2022
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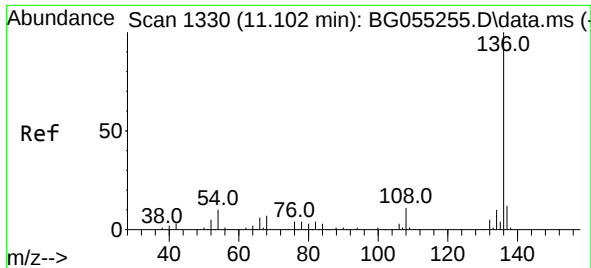


#20
3+4-Methylphenols
Concen: 2.073 ng
RT: 9.031 min Scan# 977
Delta R.T. -0.009 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



Tgt Ion:107 Resp: 8221
Ion Ratio Lower Upper
107 100
108 89.5 68.5 108.5
77 35.4 14.0 54.0
79 30.0 8.9 48.9





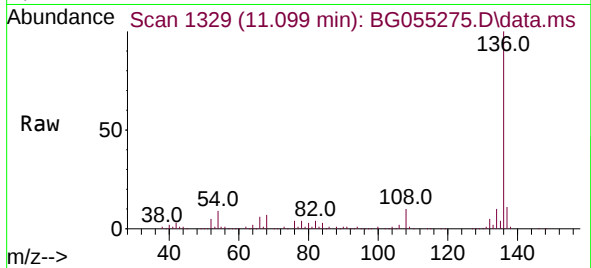
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

Instrument :

BNA_G

ClientSampleId :

MW-6

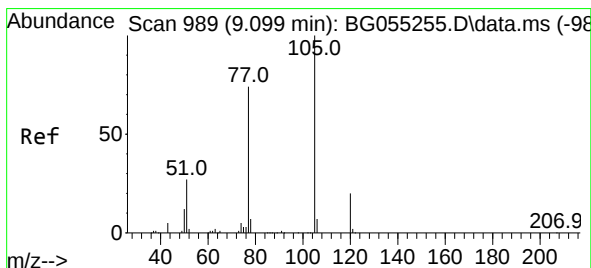
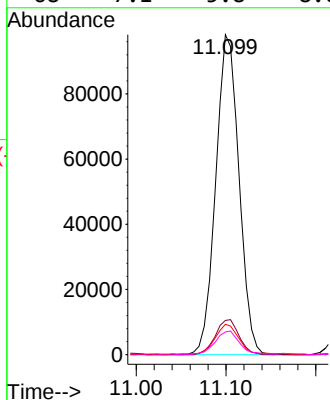
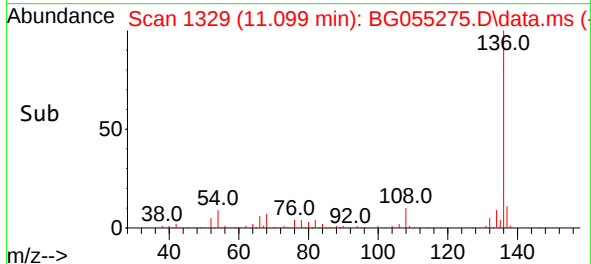


Tgt Ion:136 Resp: 177102
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.5 7.8 11.8
68 7.1 5.8 8.6

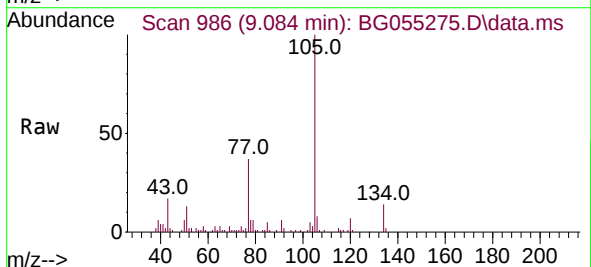
Manual Integrations

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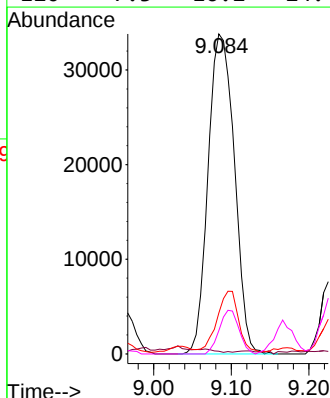
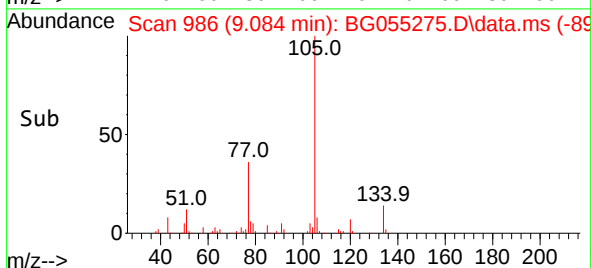
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

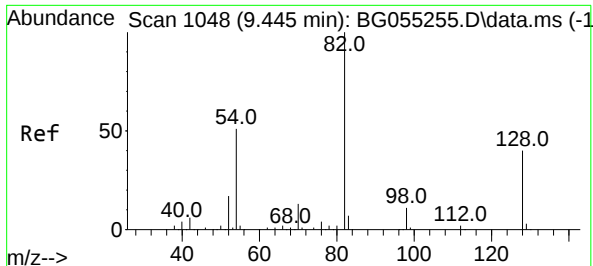


#22
Acetophenone
Concen: 17.599 ng
RT: 9.084 min Scan# 986
Delta R.T. -0.015 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



Tgt Ion:105 Resp: 79684
Ion Ratio Lower Upper
105 100
71 0.8 0.8 1.2
51 12.8 22.9 34.3#
120 7.3 16.2 24.4#





#23

Nitrobenzene-d5

Concen: 54.626 ng

RT: 9.442 min Scan# 1048

Delta R.T. -0.003 min

Lab File: BG055275.D

Acq: 25 Oct 2022 14:01

Instrument :

BNA_G

ClientSampleId :

MW-6

Tgt Ion: 82 Resp: 189458

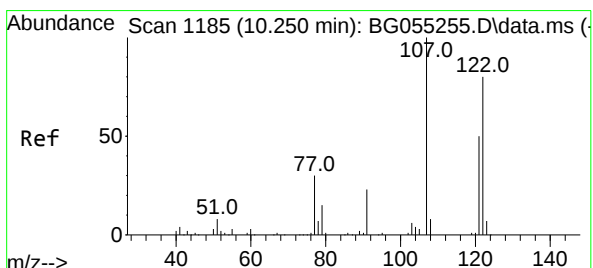
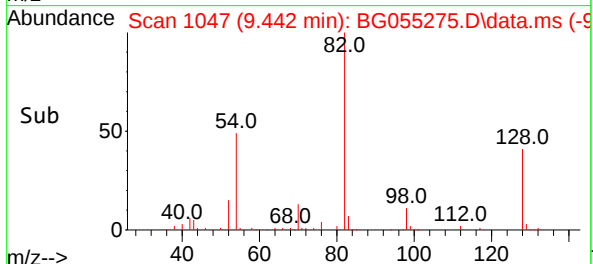
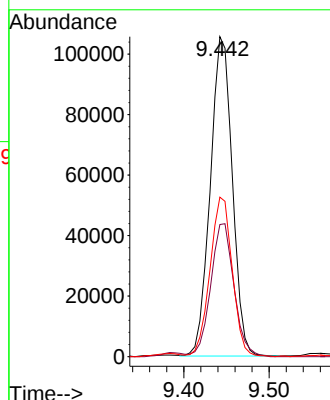
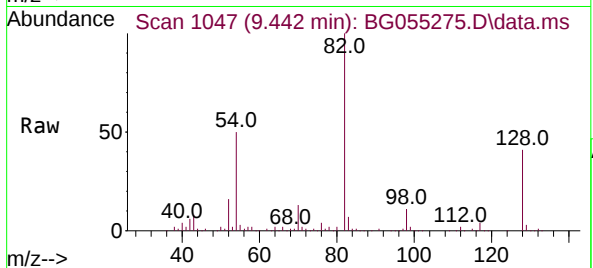
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.0	48.0
54	49.8	40.9	61.3

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#27

2,4-Dimethylphenol

Concen: 30.201 ng

RT: 10.247 min Scan# 1184

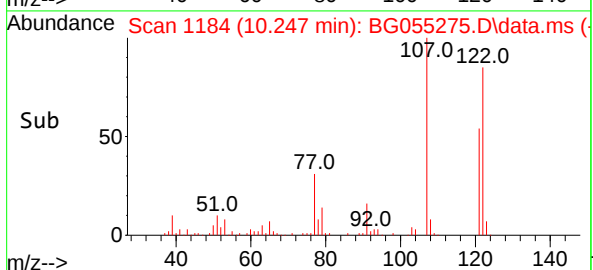
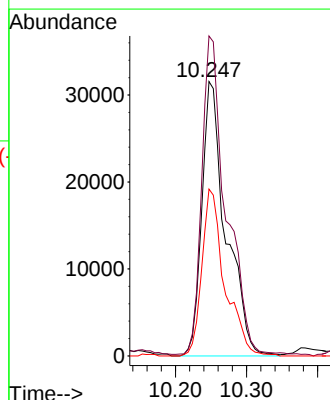
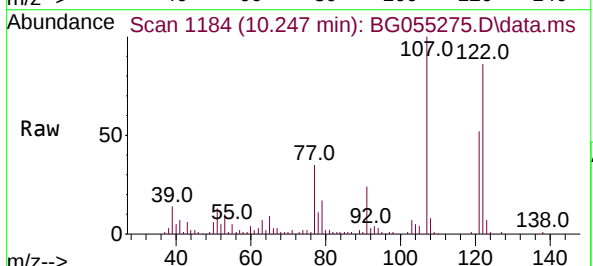
Delta R.T. -0.003 min

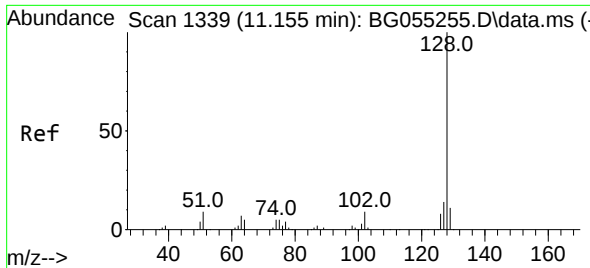
Lab File: BG055275.D

Acq: 25 Oct 2022 14:01

Tgt Ion:122 Resp: 74563

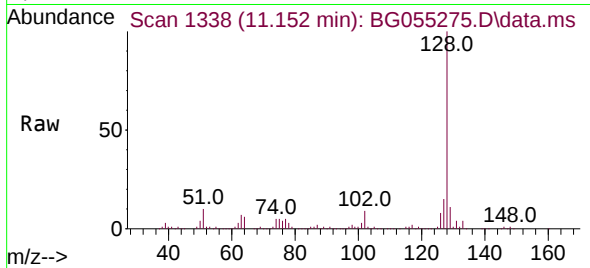
Ion	Ratio	Lower	Upper
122	100		
107	116.7	97.3	145.9
121	60.8	48.5	72.7





#31
Naphthalene
Concen: 37.402 ng
RT: 11.152 min Scan# 1339
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

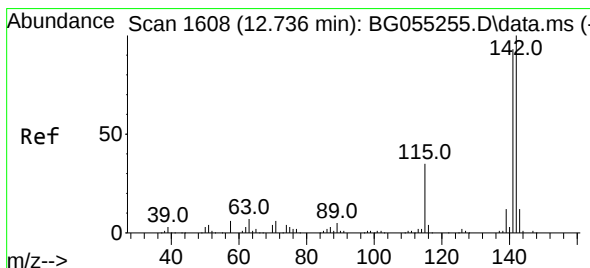
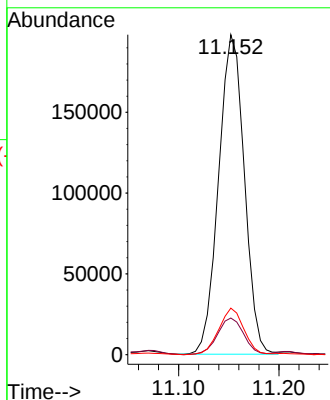
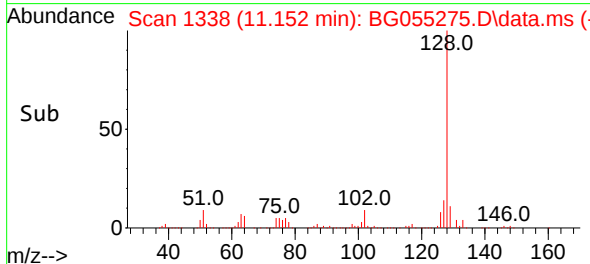
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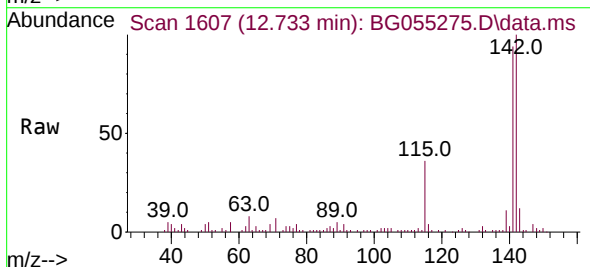
Tgt Ion:128 Resp: 353364
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.5 11.1 16.7

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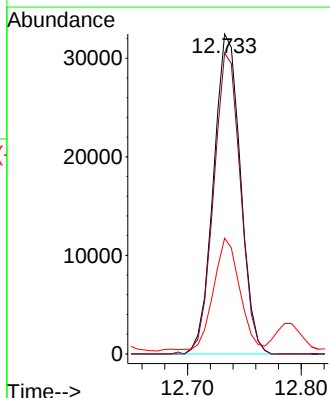
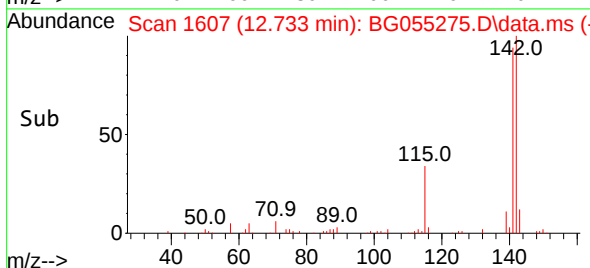
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

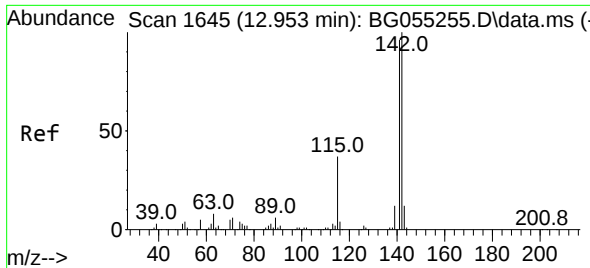


#37
2-Methylnaphthalene
Concen: 7.821 ng
RT: 12.733 min Scan# 1607
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



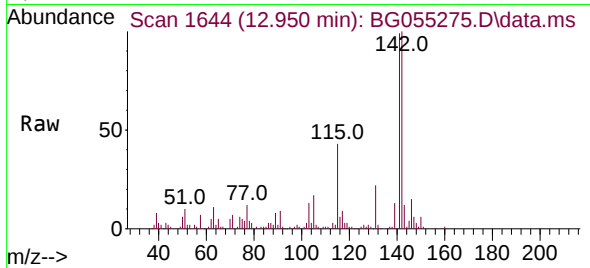
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Ion Ratio Lower Upper
142 100
141 94.0 74.0 111.0
115 36.1 28.3 42.5





#38
1-Methylnaphthalene
Concen: 9.954 ng m
RT: 12.950 min Scan# 1645
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

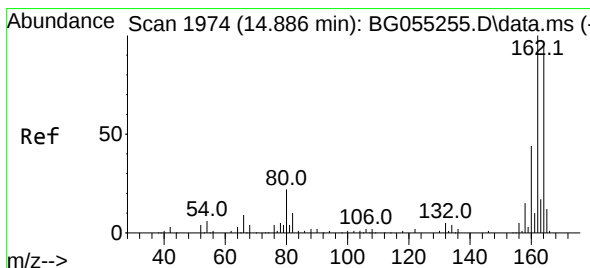
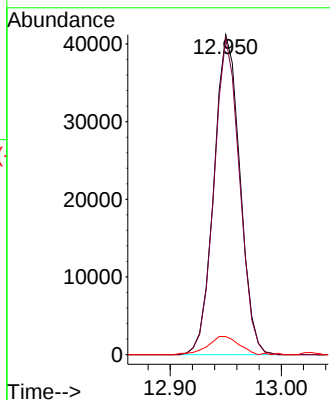
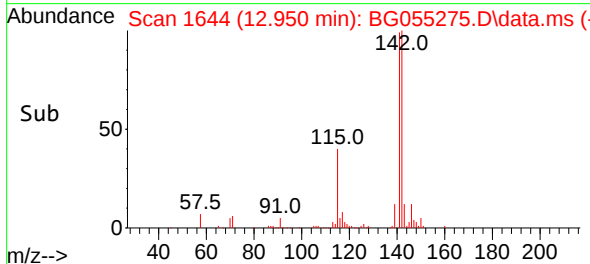
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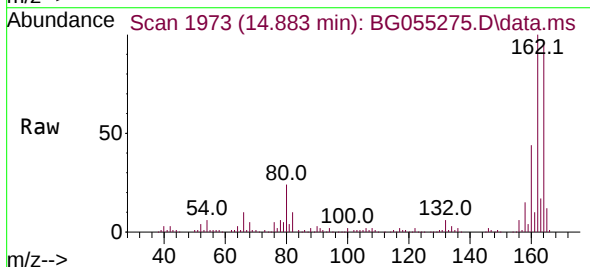
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Ion Ratio Lower Upper
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141 99.0 77.1 115.7
116 5.7 3.0 4.6

Manual Integrations
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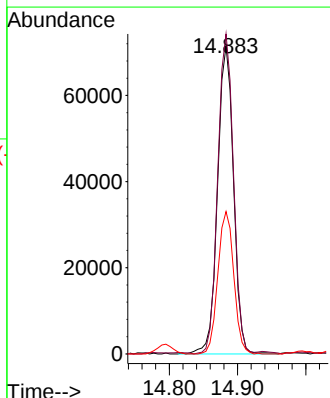
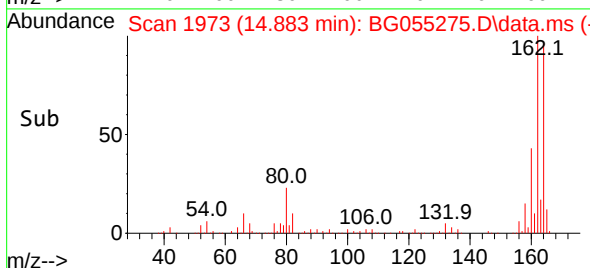
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

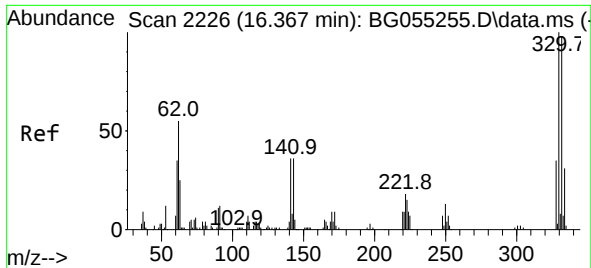


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



Tgt Ion:164 Resp: 115389
Ion Ratio Lower Upper
164 100
162 104.0 84.0 126.0
160 46.3 36.7 55.1





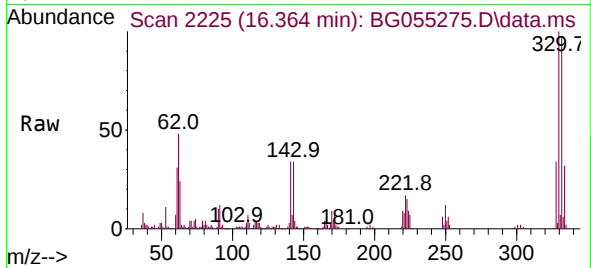
#42
2,4,6-Tribromophenol
Concen: 81.871 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

Instrument :

BNA_G

ClientSampleId :

MW-6

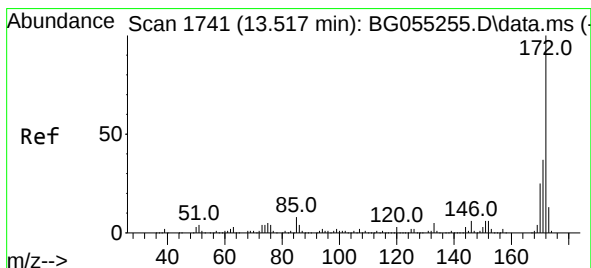
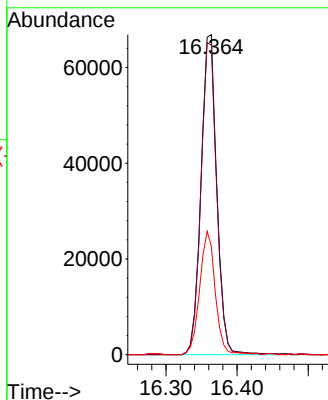
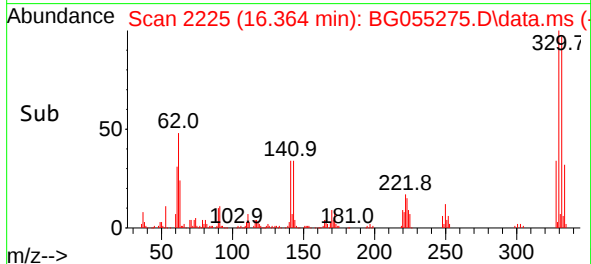


Tgt Ion:330 Resp: 102697
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 38.0 29.8 44.8

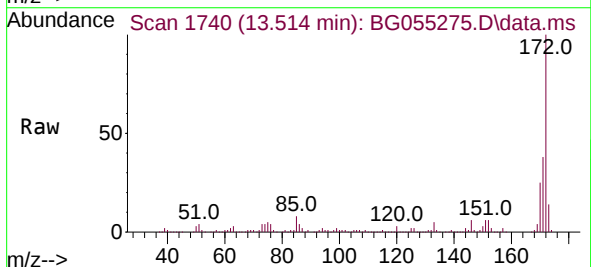
Manual Integrations

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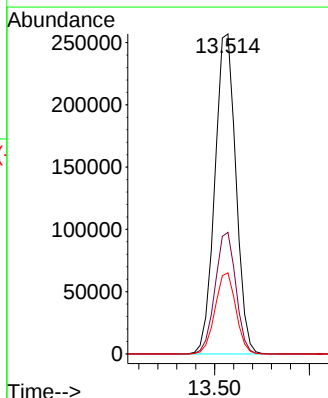
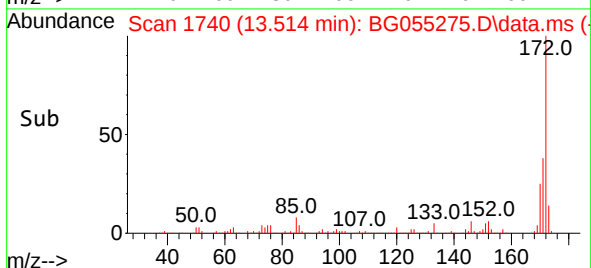
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

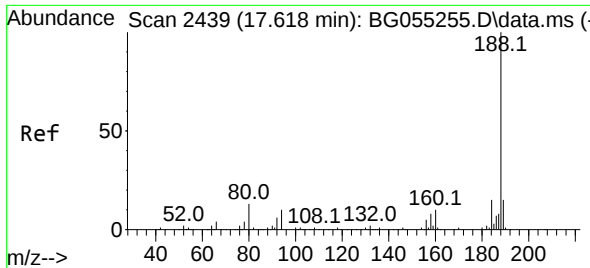


#45
2-Fluorobiphenyl
Concen: 56.045 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



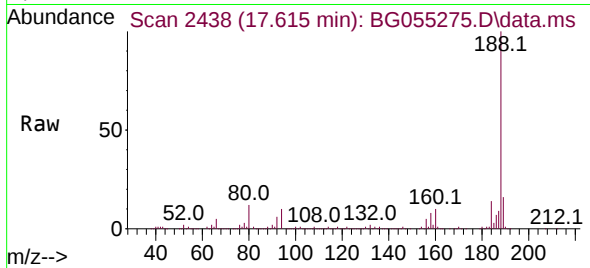
Tgt Ion:172 Resp: 395108
Ion Ratio Lower Upper
172 100
171 38.0 29.7 44.5
170 25.3 20.2 30.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01

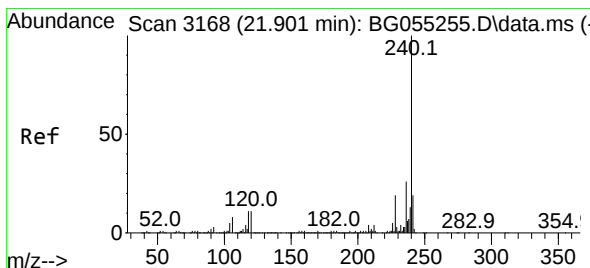
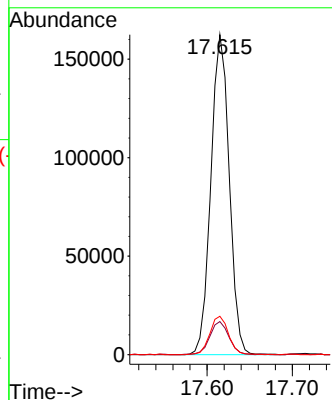
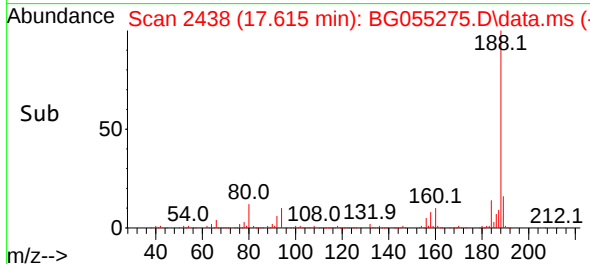
Instrument :
BNA_G
ClientSampleId :
MW-6



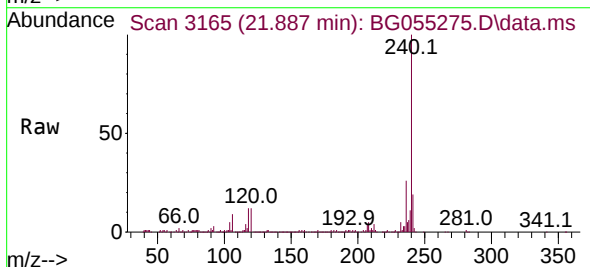
Tgt Ion:188 Resp: 242940
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 12.0 10.1 15.1

Manual Integrations
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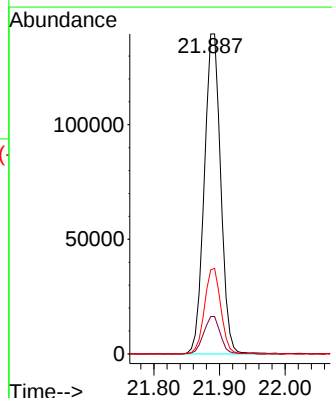
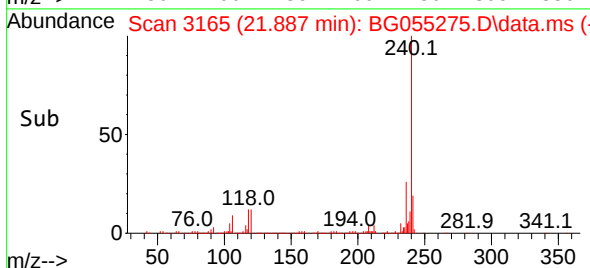
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

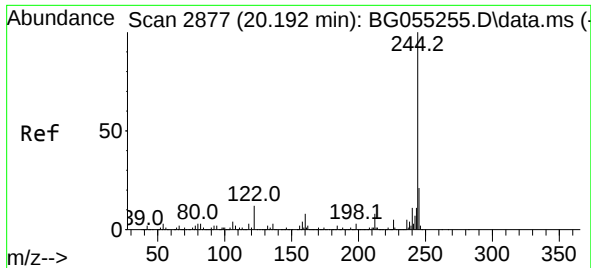


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.887 min Scan# 3165
Delta R.T. -0.015 min
Lab File: BG055275.D
Acq: 25 Oct 2022 14:01



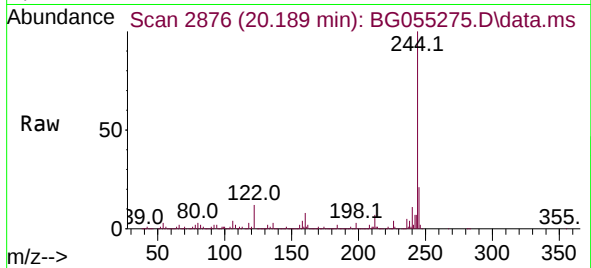
Tgt Ion:240 Resp: 241957
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.3 21.0 31.4





#79
 Terphenyl-d14
 Concen: 54.957 ng
 RT: 20.189 min Scan# 2877
 Delta R.T. -0.003 min
 Lab File: BG055275.D
 Acq: 25 Oct 2022 14:01

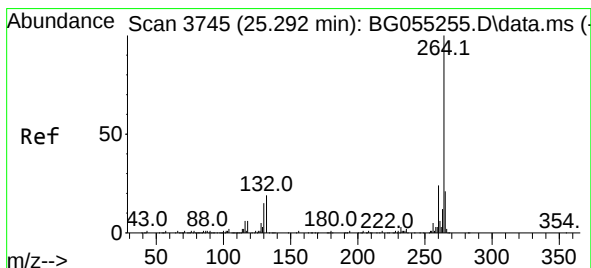
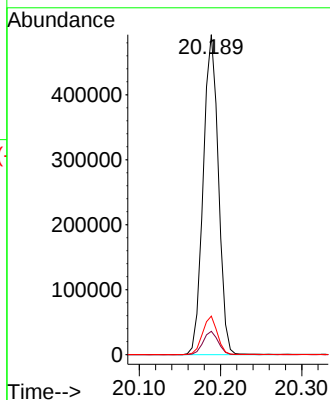
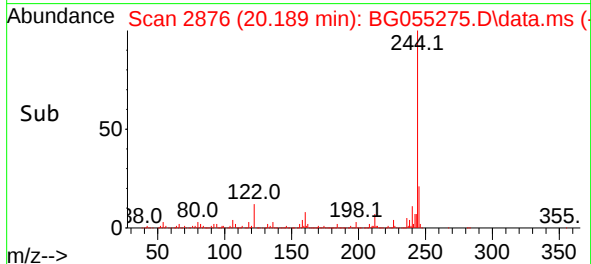
Instrument :
 BNA_G
 ClientSampleId :
 MW-6



Tgt Ion:244 Resp: 639999
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.0 9.6 14.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.283 min Scan# 3743
 Delta R.T. -0.009 min
 Lab File: BG055275.D
 Acq: 25 Oct 2022 14:01

Tgt Ion:264 Resp: 250358
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 21.9 17.4 26.2

