

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055589.D
 Acq On : 12 Nov 2022 14:28
 Operator : CG/JU
 Sample : N5414-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022

Quant Time: Nov 14 03:26:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	40963	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	163017	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	122557	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	321306	20.000	ng	0.00
76) Chrysene-d12	21.928	240	336127	20.000	ng	0.00
86) Perylene-d12	25.347	264	345046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	96556	44.897	ng	0.00
7) Phenol-d6	7.403	99	76070	25.607	ng	0.00
23) Nitrobenzene-d5	9.442	82	212661	88.437	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	191326	159.999	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	506923	62.391	ng	0.00
79) Terphenyl-d14	20.218	244	538983	32.207	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	9.019	107	10708	3.194	ng	97
27) 2,4-Dimethylphenol	10.241	122	20978m	9.551	ng	
31) Naphthalene	11.152	128	522835	59.322	ng	100
37) 2-Methylnaphthalene	12.732	142	79396	11.990	ng	97
38) 1-Methylnaphthalene	12.950	142	124425	19.209	ng	100

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

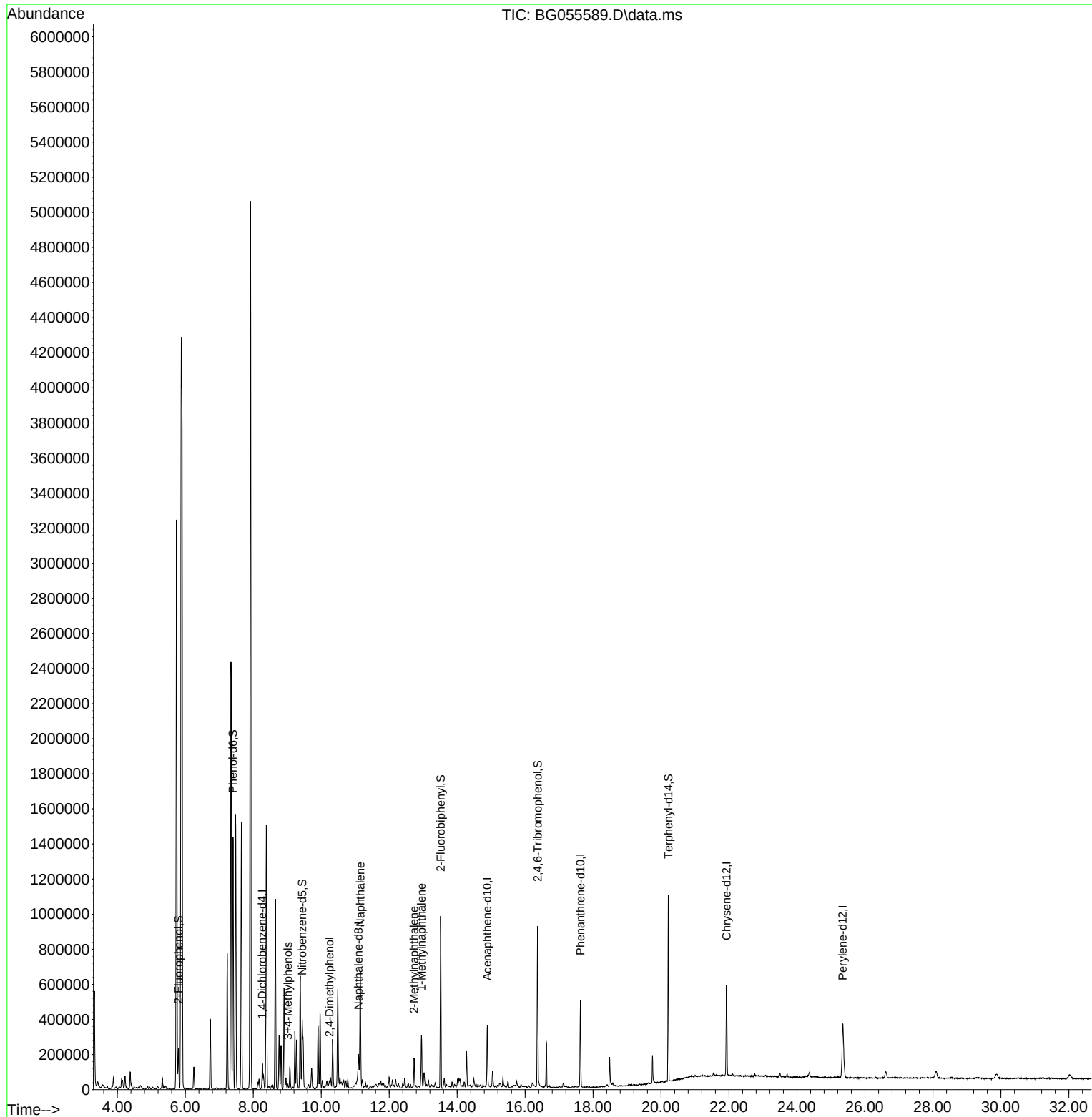
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055589.D
Acq On : 12 Nov 2022 14:28
Operator : CG/JU
Sample : N5414-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

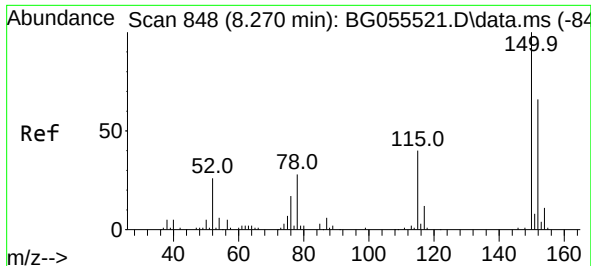
Instrument :
BNA_G
ClientSampleId :
MW3

Quant Time: Nov 14 03:26:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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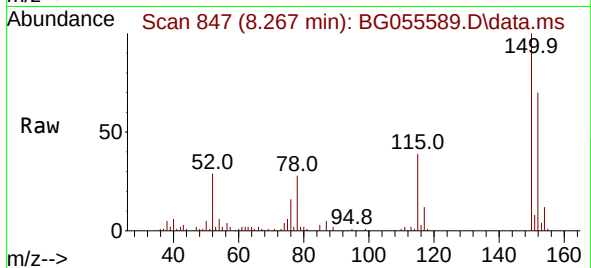
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

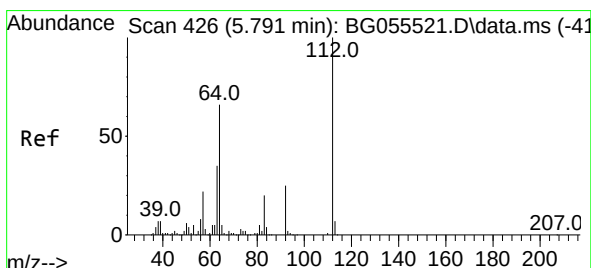
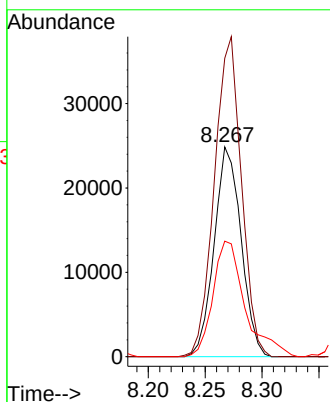
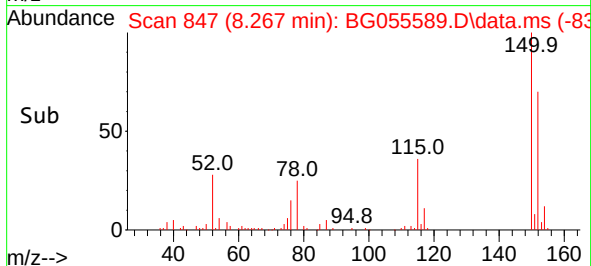
Instrument :
BNA_G
ClientSampleId :
MW3



Tgt Ion:152 Resp: 4096
Ion Ratio Lower Upper
152 100
150 142.3 121.0 181.4
115 55.1 47.8 71.8

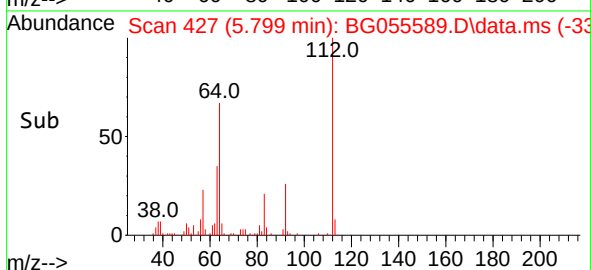
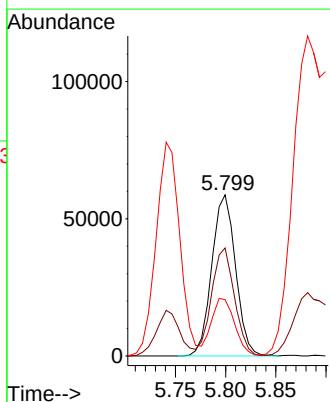
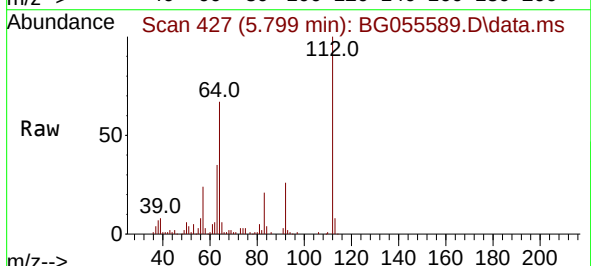
Manual Integrations
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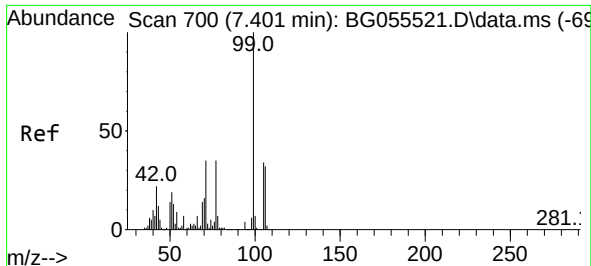
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#5
2-Fluorophenol
Concen: 44.897 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

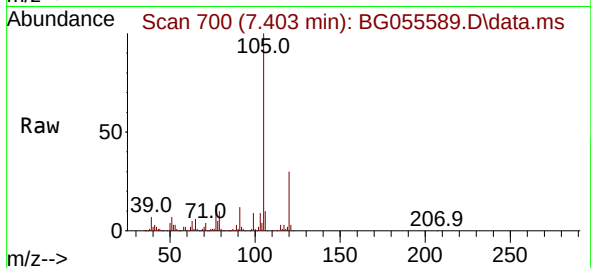
Tgt Ion:112 Resp: 96556
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 35.0 28.3 42.5





#7
Phenol-d6
Concen: 25.607 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

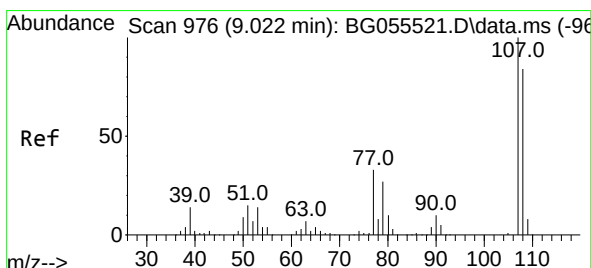
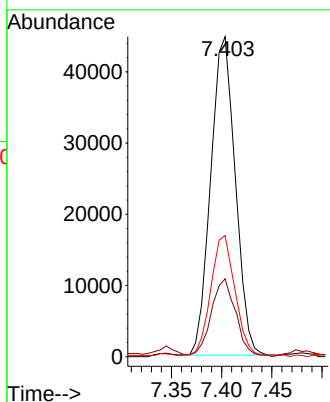
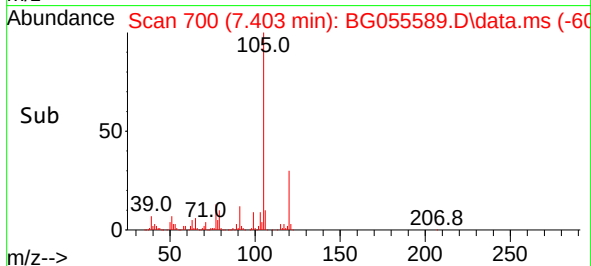
Instrument :
BNA_G
ClientSampleId :
MW3



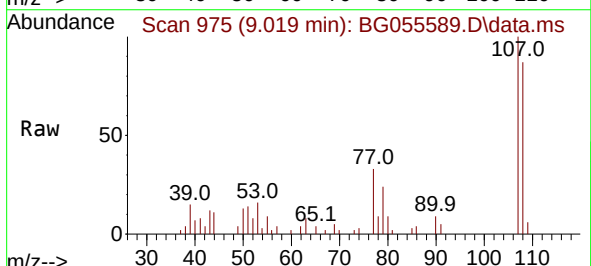
Tgt Ion: 99 Resp: 76070
Ion Ratio Lower Upper
99 100
42 24.4 17.5 26.3
71 37.8 28.3 42.5

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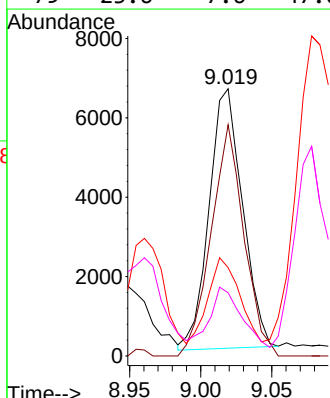
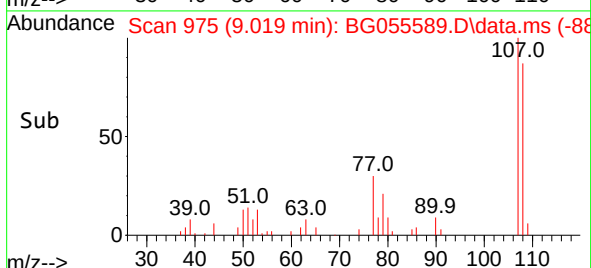
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

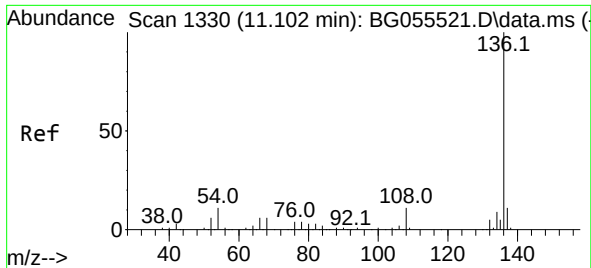


#20
3+4-Methylphenols
Concen: 3.194 ng
RT: 9.019 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28



Tgt Ion:107 Resp: 10708
Ion Ratio Lower Upper
107 100
108 86.5 63.9 103.9
77 33.0 13.2 53.2
79 23.6 7.6 47.6





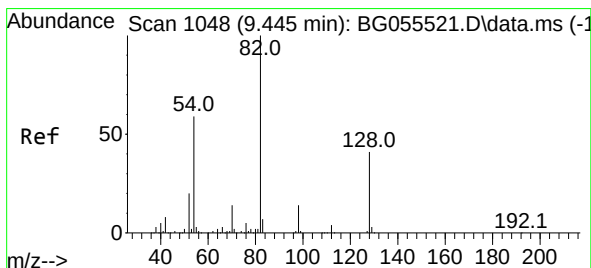
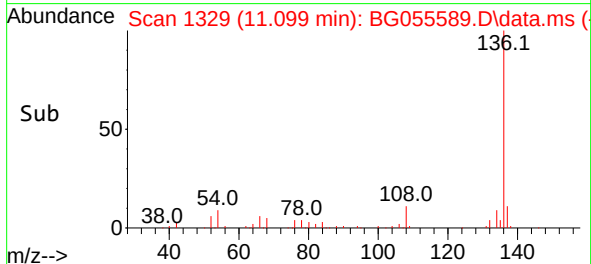
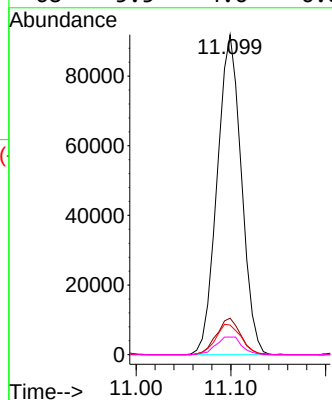
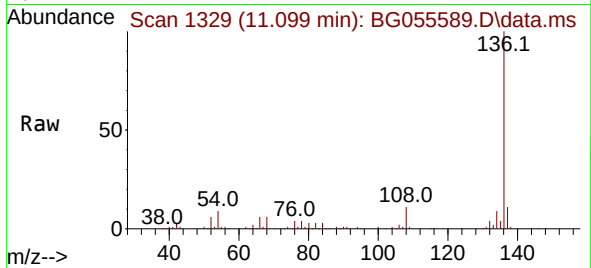
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

Instrument :
BNA_G
ClientSampleId :
MW3

Tgt Ion:	136	Resp:	16301
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	9.3	8.6	12.8
68	5.5	4.6	6.8

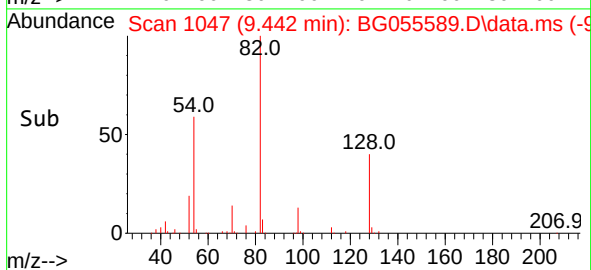
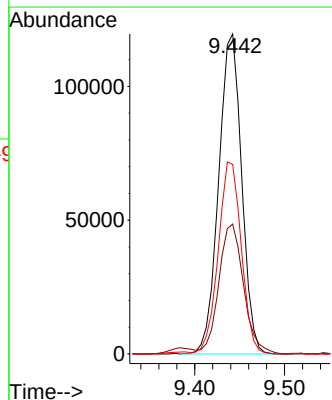
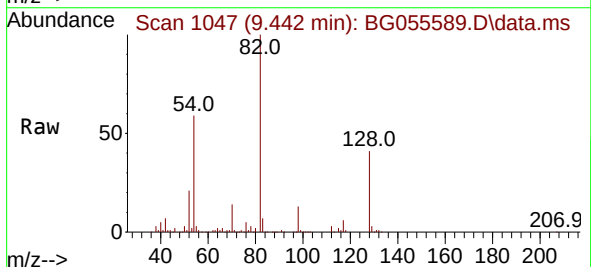
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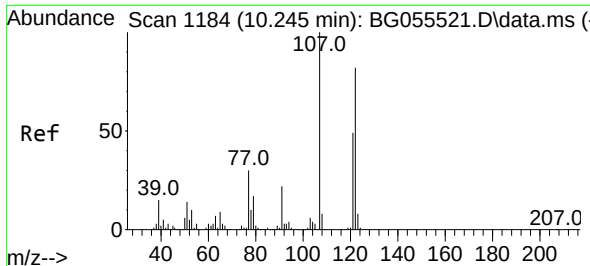
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#23
Nitrobenzene-d5
Concen: 88.437 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

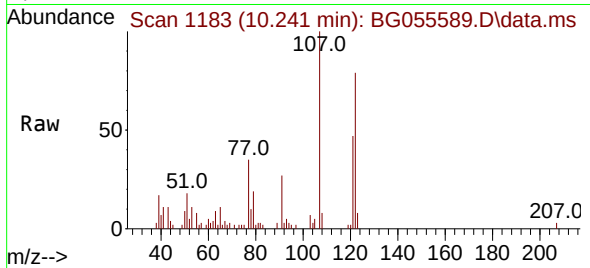
Tgt Ion:	82	Resp:	212661
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.6	49.0
54	59.2	47.3	70.9





#27
2,4-Dimethylphenol
Concen: 9.551 ng m
RT: 10.241 min Scan# 1183
Delta R.T. -0.004 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

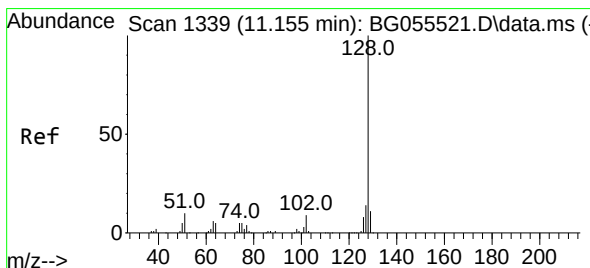
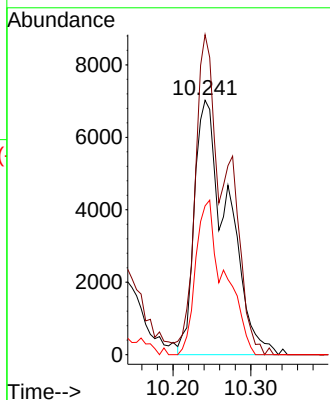
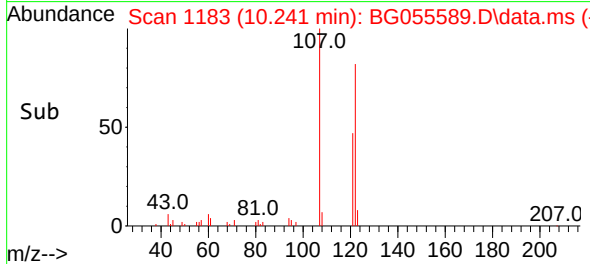
Instrument :
BNA_G
ClientSampleId :
MW3



Tgt Ion:122 Resp: 20978
Ion Ratio Lower Upper
122 100
107 125.8 97.8 146.6
121 58.5 47.9 71.9

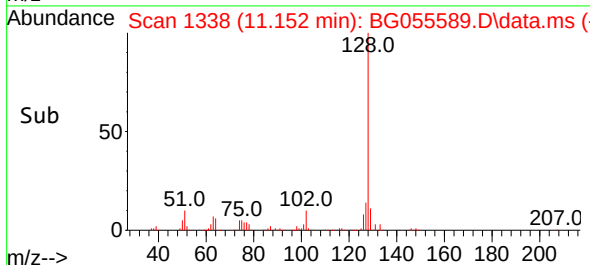
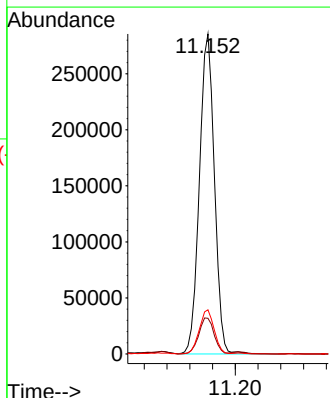
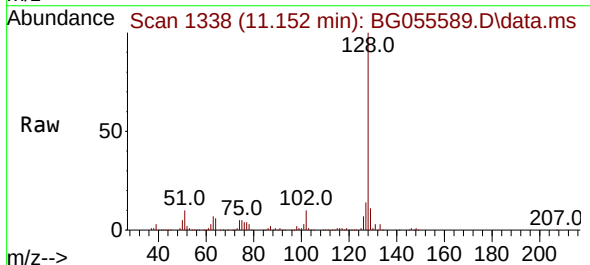
Manual Integrations
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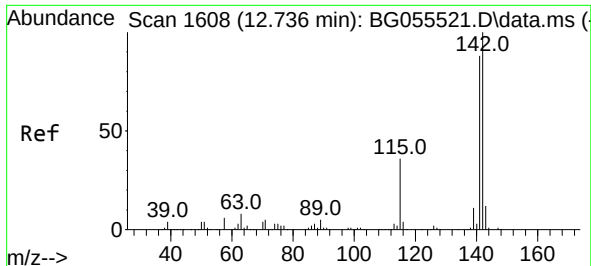
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#31
Naphthalene
Concen: 59.322 ng
RT: 11.152 min Scan# 1338
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

Tgt Ion:128 Resp: 522835
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 11.1 16.7





#37

2-Methylnaphthalene

Concen: 11.990 ng

RT: 12.732 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

Instrument :

BNA_G

ClientSampleId :

MW3

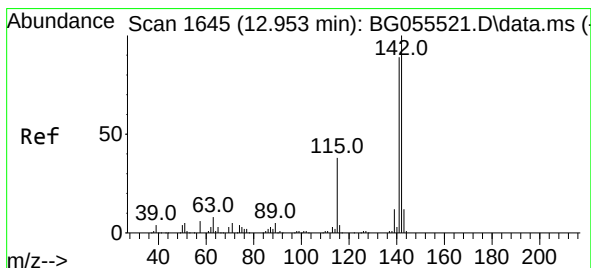
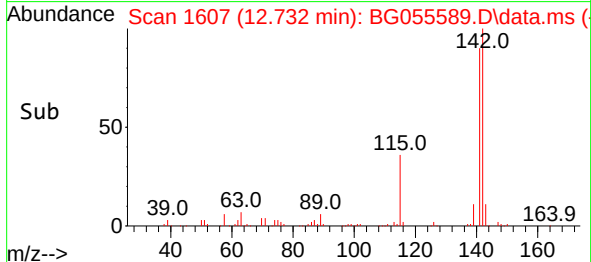
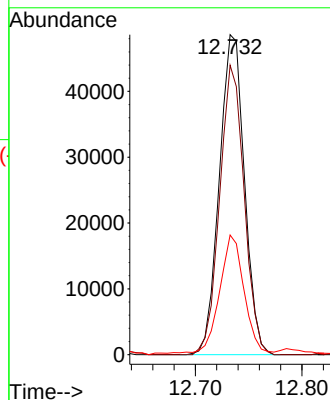
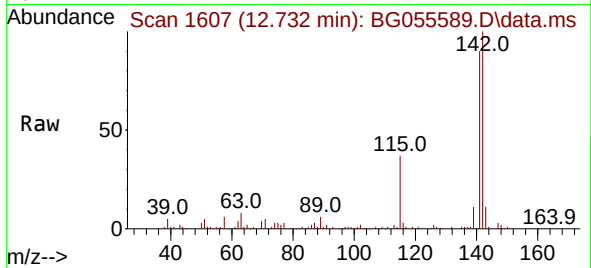
Tgt Ion:142	Resp:	79390
Ion Ratio	Lower	Upper
142	100	
141	90.5	70.3 105.5
115	37.4	28.9 43.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#38

1-Methylnaphthalene

Concen: 19.209 ng

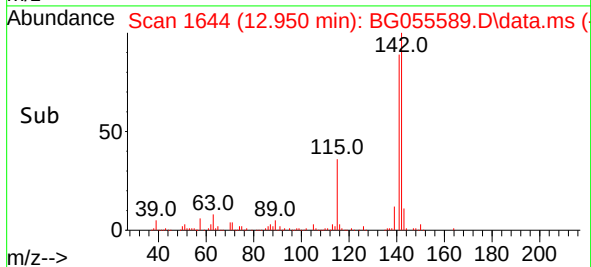
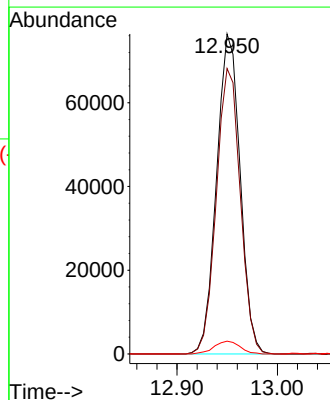
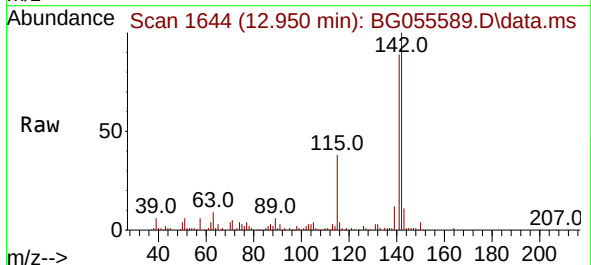
RT: 12.950 min Scan# 1644

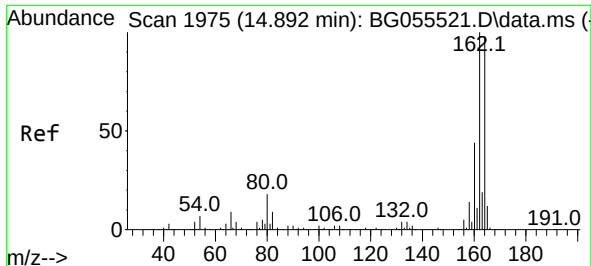
Delta R.T. -0.003 min

Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

Tgt Ion:142	Resp:	124425
Ion Ratio	Lower	Upper
142	100	
141	89.2	71.6 107.4
116	4.0	3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.889 min Scan# 1975

Delta R.T. -0.003 min

Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

Instrument :

BNA_G

ClientSampleId :

MW3

Tgt Ion:164 Resp: 12255

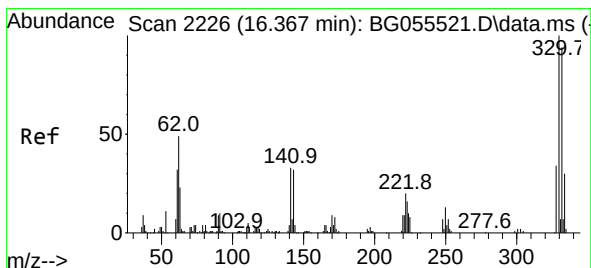
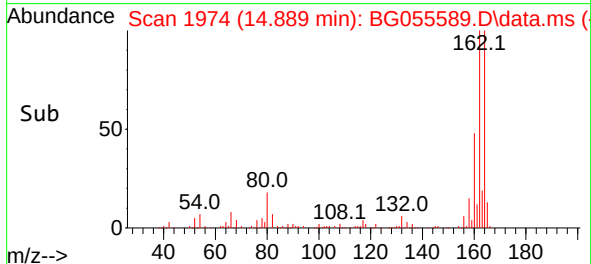
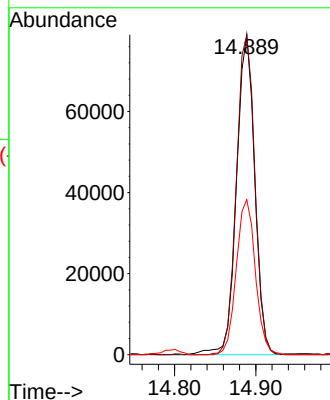
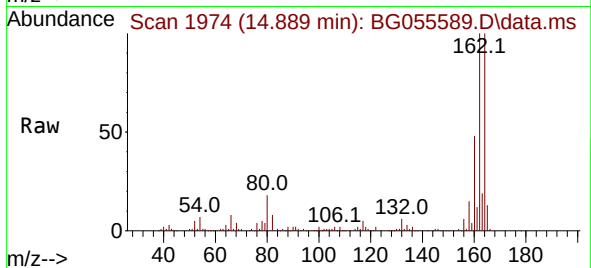
Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.3	121.9
160	48.5	35.9	53.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/14/2022



#42

2,4,6-Tribromophenol

Concen: 159.999 ng

RT: 16.369 min Scan# 2226

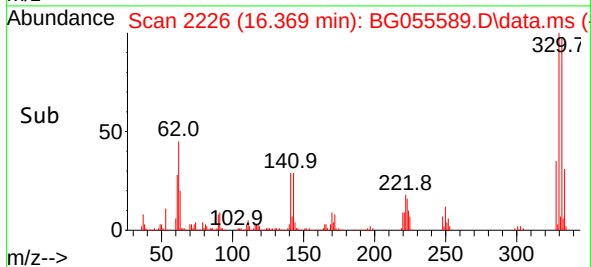
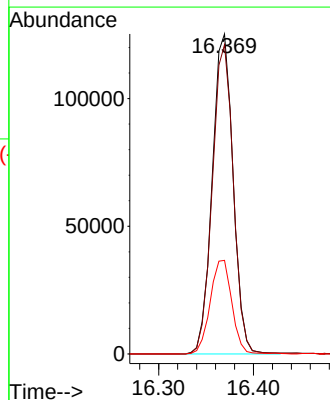
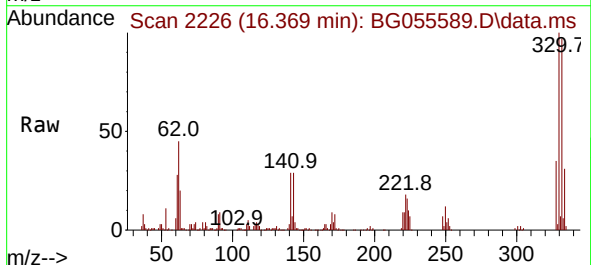
Delta R.T. 0.002 min

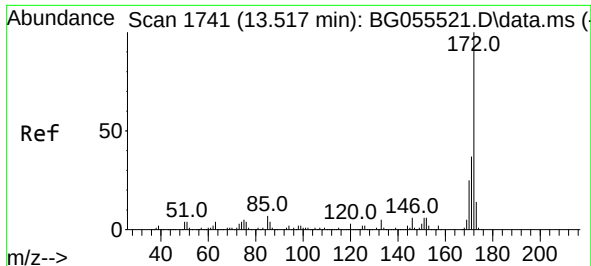
Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

Tgt Ion:330 Resp: 191326

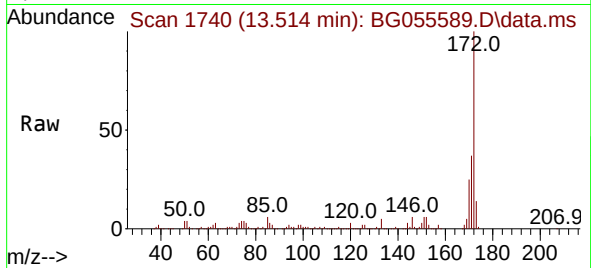
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	30.3	25.4	38.2





#45
2-Fluorobiphenyl
Concen: 62.391 ng
RT: 13.514 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

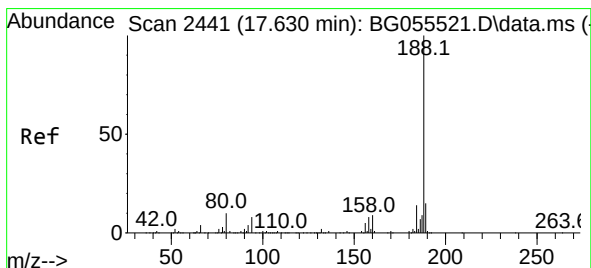
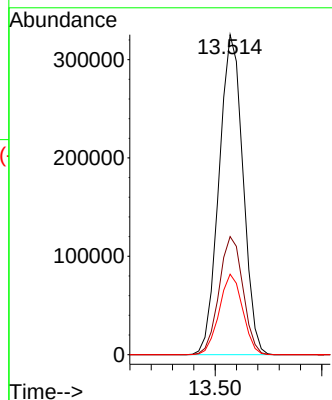
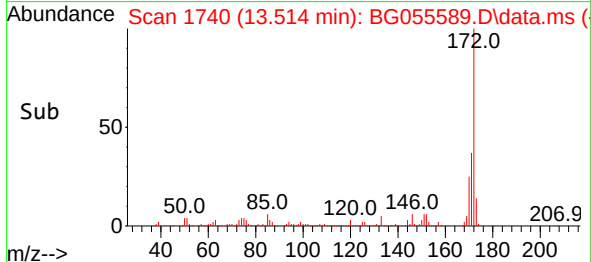
Instrument :
BNA_G
ClientSampleId :
MW3



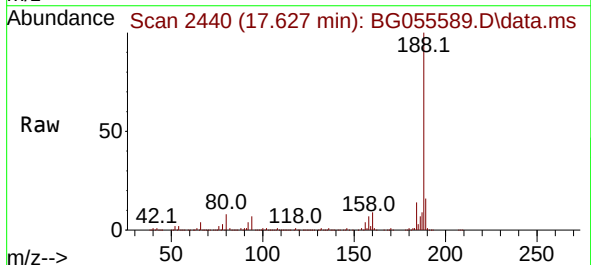
Tgt Ion:172 Resp: 50692
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.2 19.8 29.6

Manual Integrations
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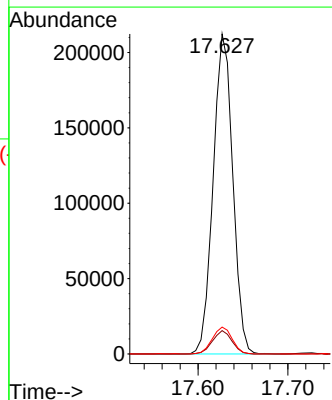
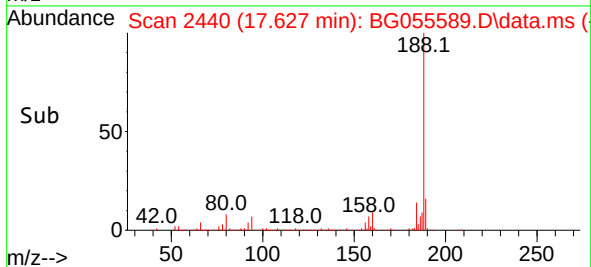
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

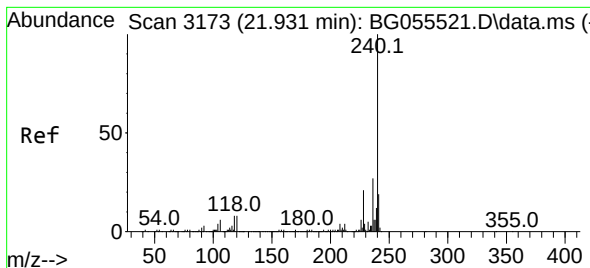


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2440
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28



Tgt Ion:188 Resp: 321306
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.4 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.928 min Scan# 3173

Delta R.T. -0.003 min

Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

Instrument :

BNA_G

ClientSampleId :

MW3

Tgt Ion:240 Resp: 33612

Ion Ratio Lower Upper

240 100

120 8.1 6.1 9.1

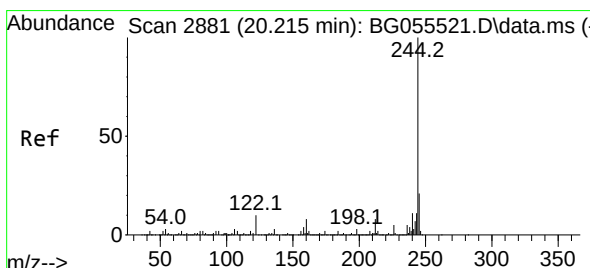
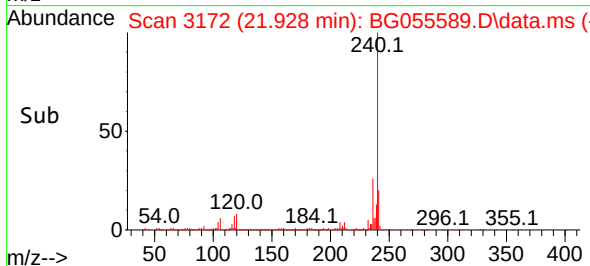
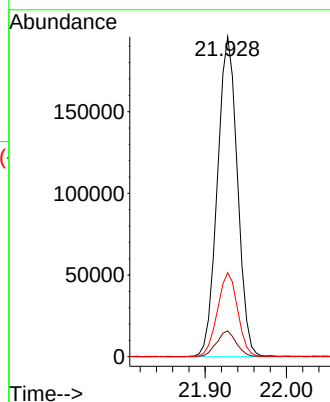
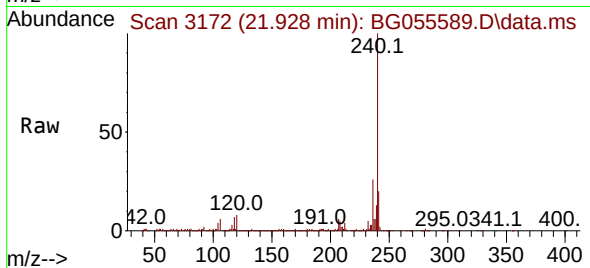
236 26.3 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/14/2022

Supervised By :Jagrut Upadhyay 11/14/2022



#79

Terphenyl-d14

Concen: 32.207 ng

RT: 20.218 min Scan# 2881

Delta R.T. 0.003 min

Lab File: BG055589.D

Acq: 12 Nov 2022 14:28

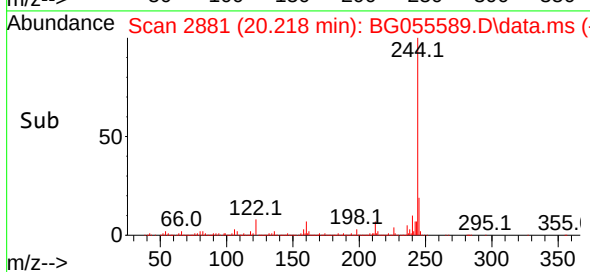
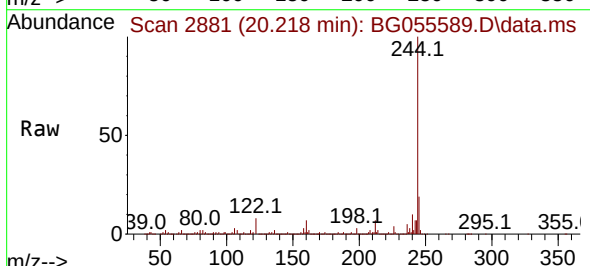
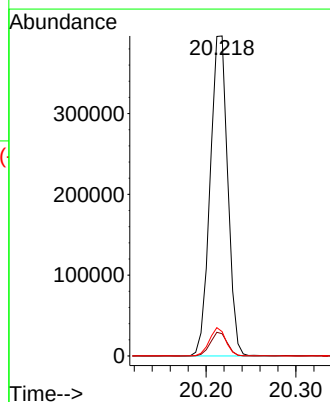
Tgt Ion:244 Resp: 538983

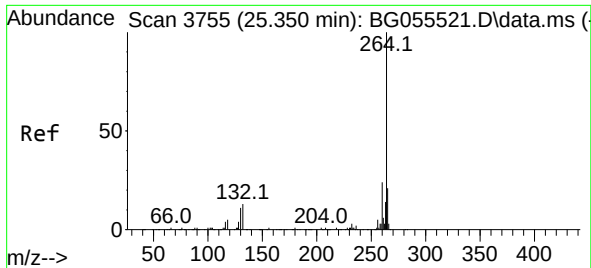
Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

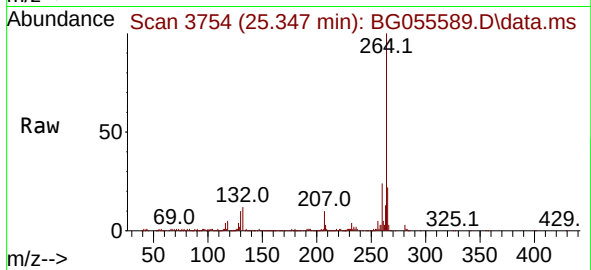
122 7.6 7.7 11.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.347 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055589.D
Acq: 12 Nov 2022 14:28

Instrument :
BNA_G
ClientSampleId :
MW3



Tgt Ion:264 Resp: 345040
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.5 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

