

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056976.D
 Acq On : 4 Apr 2023 22:23
 Operator : CG/JU
 Sample : 02084-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6ADL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:12:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	13250	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	49310	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	41073	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	116195	20.000	ng	# 0.00
76) Chrysene-d12	22.083	240	119803	20.000	ng	-0.01
86) Perylene-d12	25.619	264	125725	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	7739	9.348	ng	0.00
7) Phenol-d6	7.538	99	7016	5.666	ng	0.00
23) Nitrobenzene-d5	9.588	82	18684	15.504	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	17979	27.401	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	49476	16.334	ng	0.00
79) Terphenyl-d14	20.332	244	113162	15.984	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.836	107	16628	18.996	ng	89
20) 3+4-Methylphenols	9.159	107	4271	3.489	ng	93
27) 2,4-Dimethylphenol	10.416	122	4500	5.359	ng	# 69
31) Naphthalene	11.303	128	54207	20.168	ng	99
37) 2-Methylnaphthalene	12.878	142	11559m	5.419	ng	
38) 1-Methylnaphthalene	13.095	142	6863m	3.426	ng	

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

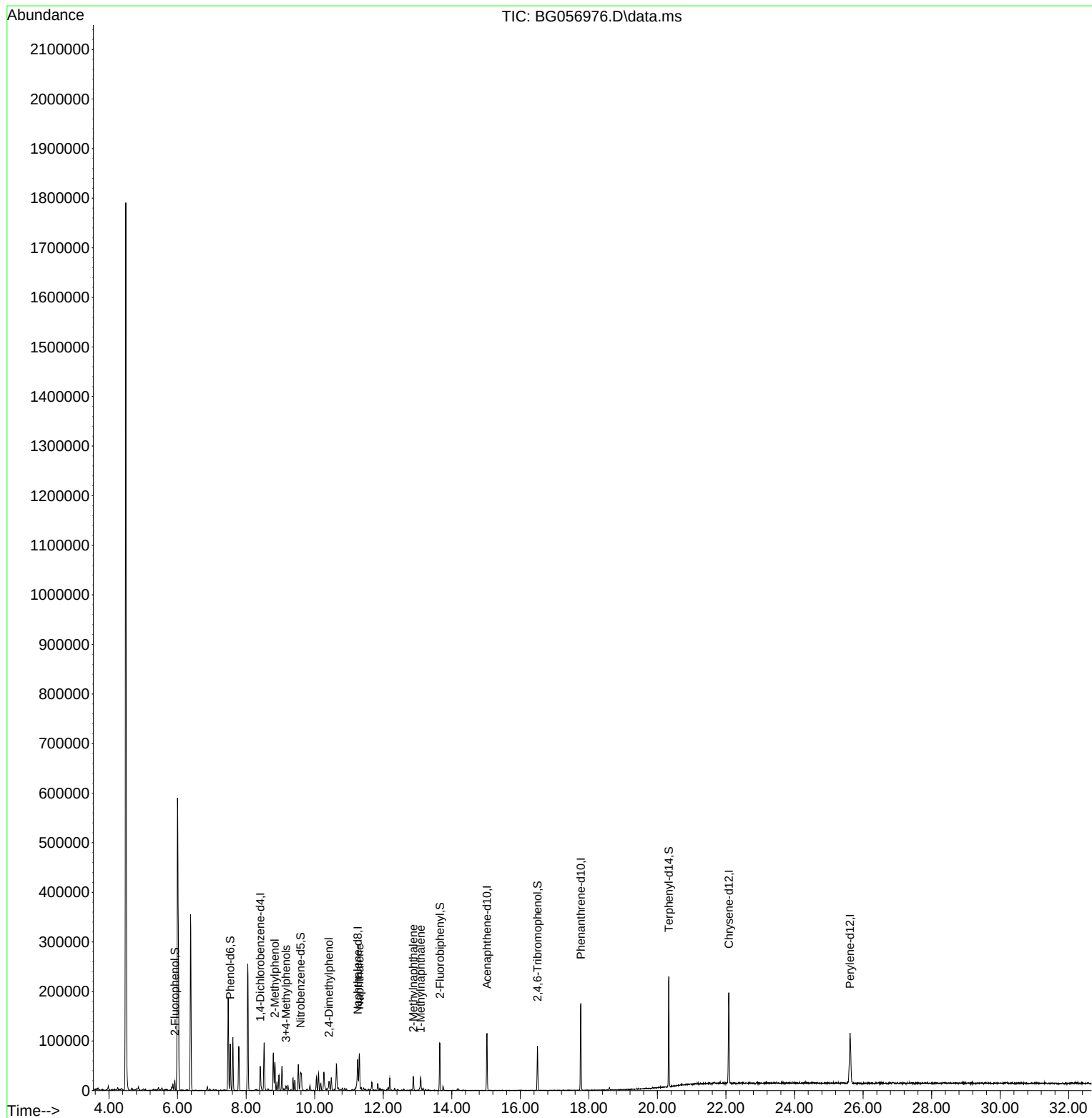
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
Data File : BG056976.D
Acq On : 4 Apr 2023 22:23
Operator : CG/JU
Sample : 02084-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

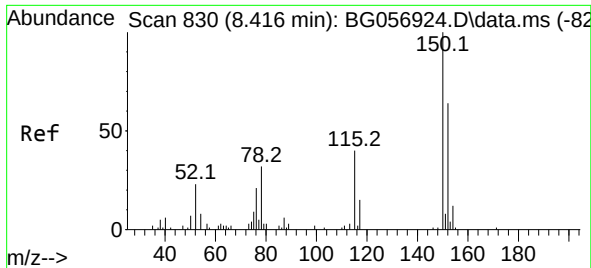
Instrument :
BNA_G
ClientSampleId :
MW-6ADL

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/05/2023
Supervised By : Jagrut Upadhyay 04/05/2023

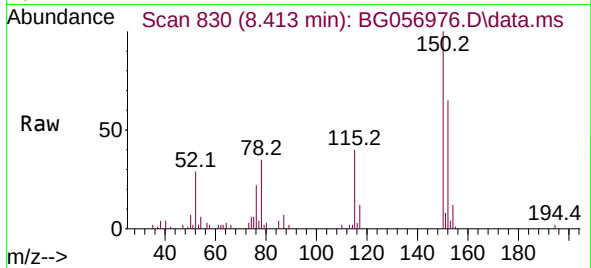
Quant Time: Apr 05 04:12:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

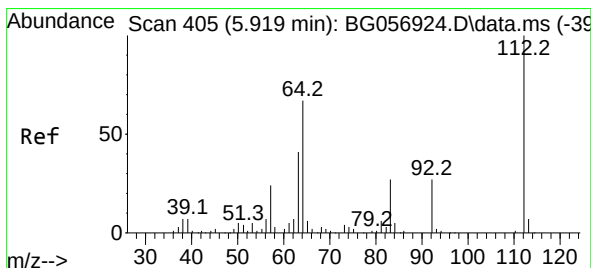
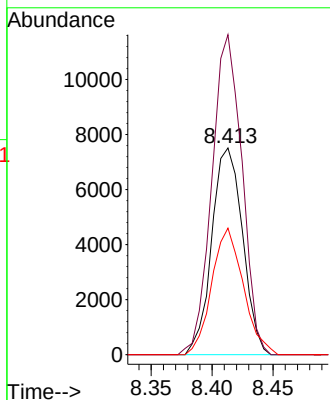
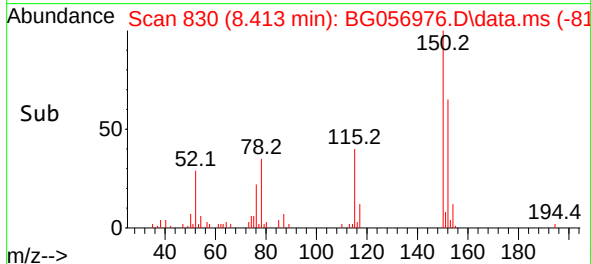
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



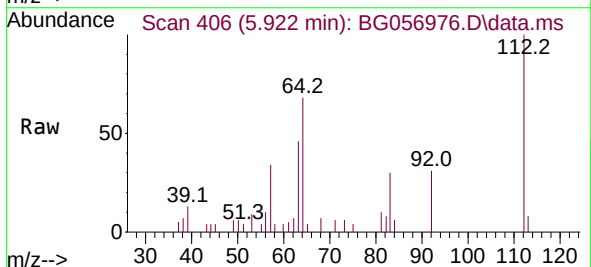
Tgt Ion:152 Resp: 13250
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 61.2 49.1 73.7

Manual Integrations
APPROVED

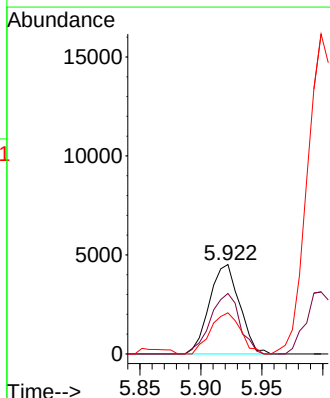
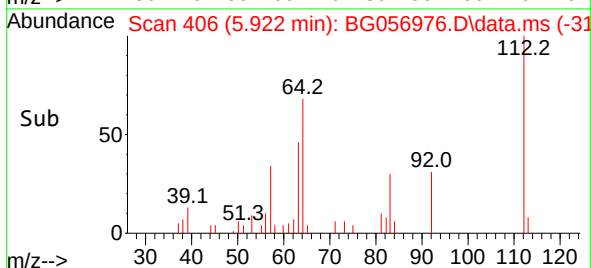
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

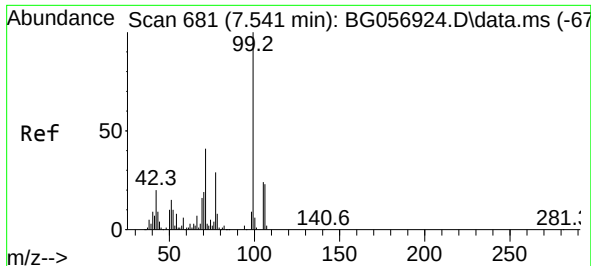


#5
2-Fluorophenol
Concen: 9.348 ng
RT: 5.922 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



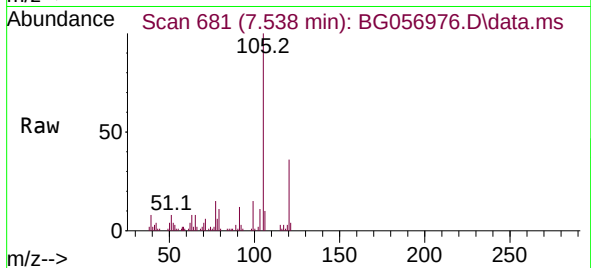
Tgt Ion:112 Resp: 7739
Ion Ratio Lower Upper
112 100
64 67.5 53.2 79.8
63 45.9 32.6 48.8





#7
Phenol-d6
Concen: 5.666 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

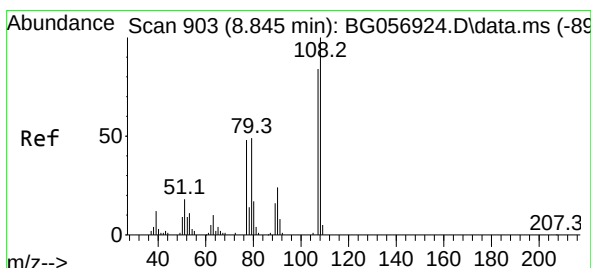
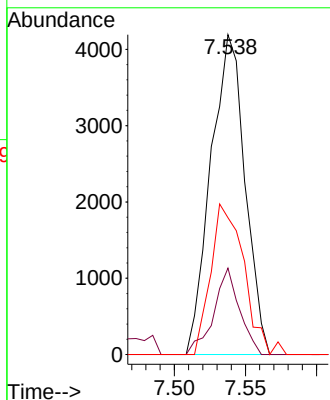
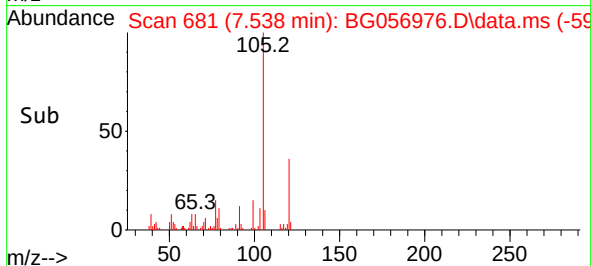
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



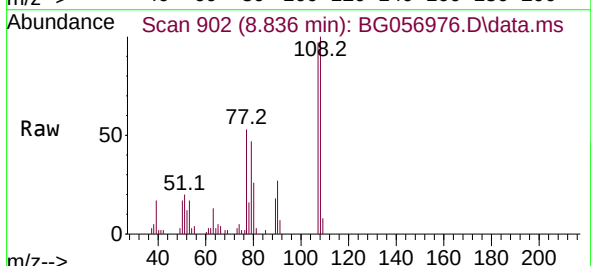
Tgt Ion: 99 Resp: 7016
Ion Ratio Lower Upper
99 100
42 27.0 15.7 23.5
71 42.8 32.5 48.7

Manual Integrations
APPROVED

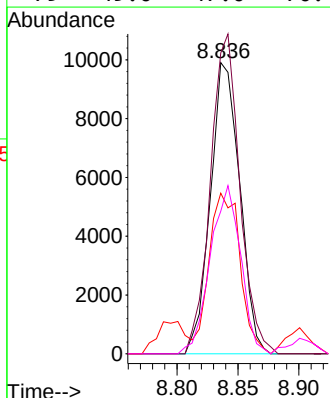
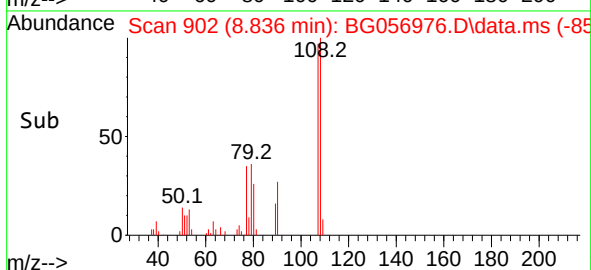
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

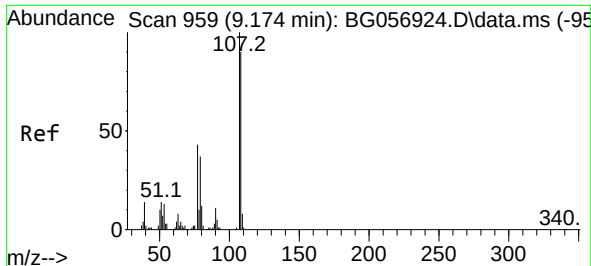


#17
2-Methylphenol
Concen: 18.996 ng
RT: 8.836 min Scan# 902
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



Tgt Ion:107 Resp: 16628
Ion Ratio Lower Upper
107 100
108 103.3 96.0 144.0
77 55.2 45.6 68.4
79 49.0 47.0 70.4





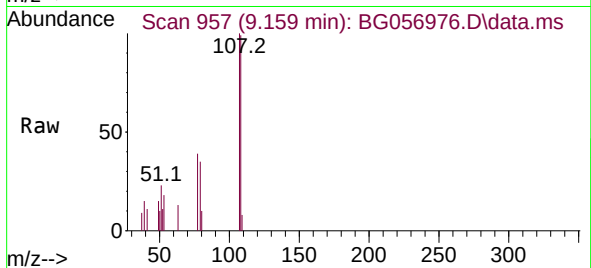
#20
3+4-Methylphenols
Concen: 3.489 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.015 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL

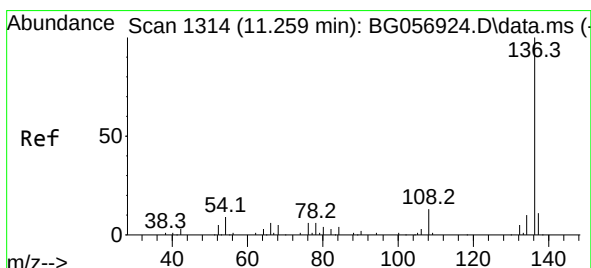
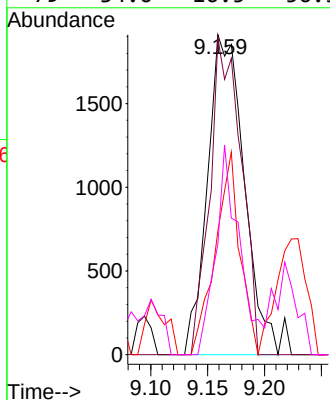
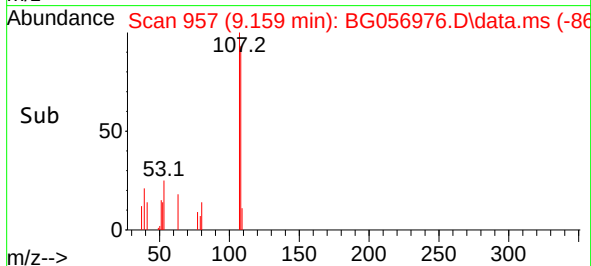


Tgt Ion:107 Resp: 427
Ion Ratio Lower Upper
107 100
108 98.8 69.9 109.9
77 38.7 22.7 62.7
79 34.6 16.5 56.5

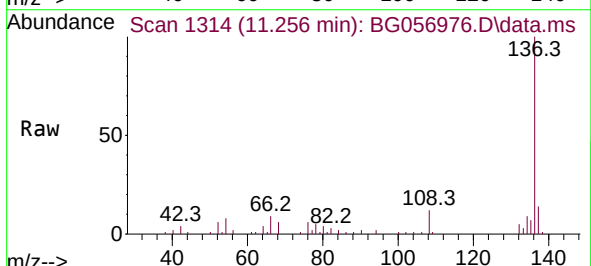
Manual Integrations

APPROVED

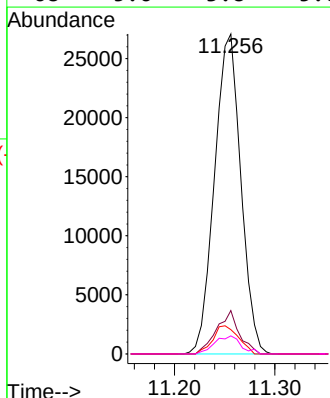
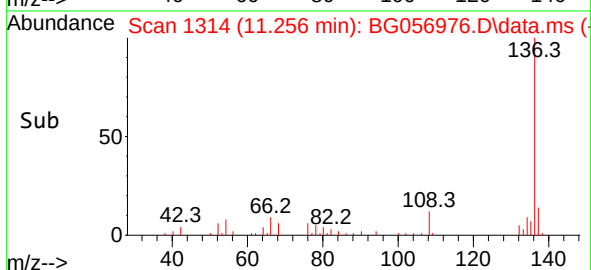
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

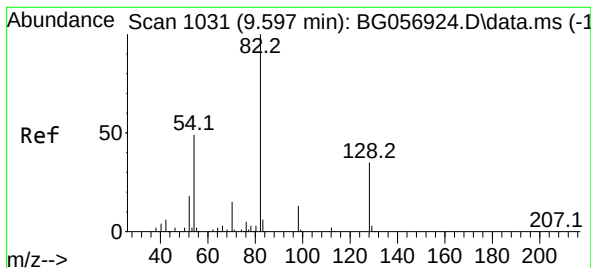


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



Tgt Ion:136 Resp: 49310
Ion Ratio Lower Upper
136 100
137 13.5 8.6 13.0#
54 7.6 6.9 10.3
68 5.6 3.8 5.6





#23

Nitrobenzene-d5

Concen: 15.504 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.009 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL

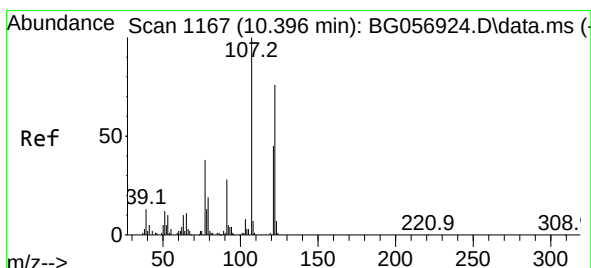
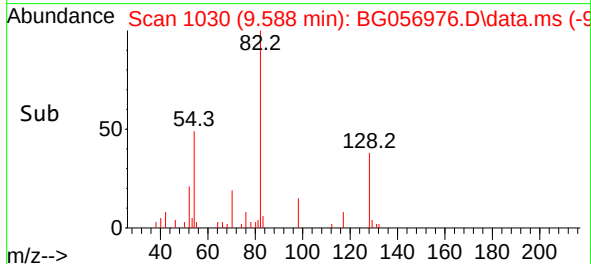
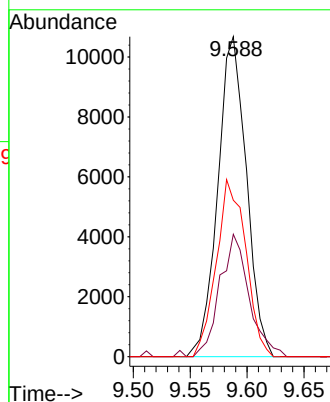
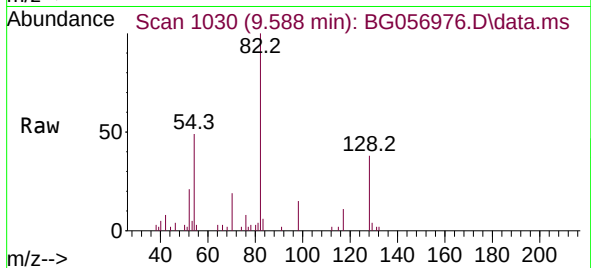
Tgt Ion:	82	Resp:	18684
Ion Ratio	Lower	Upper	
82	100		
128	38.2	27.9	41.9
54	48.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#27

2,4-Dimethylphenol

Concen: 5.359 ng

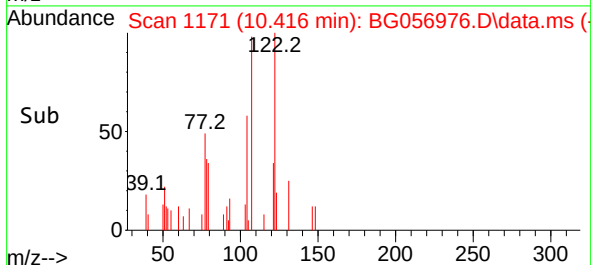
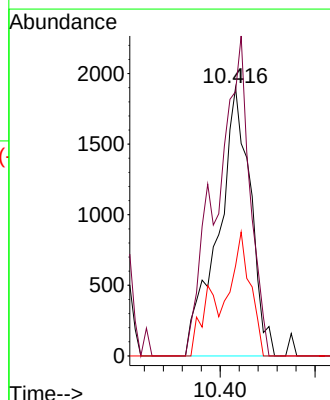
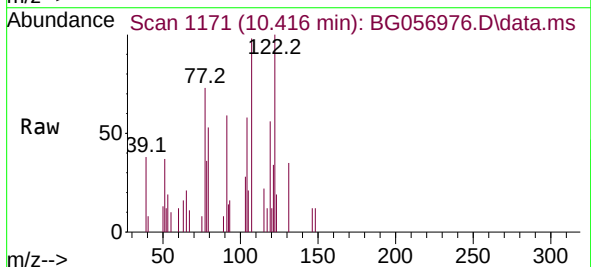
RT: 10.416 min Scan# 1171

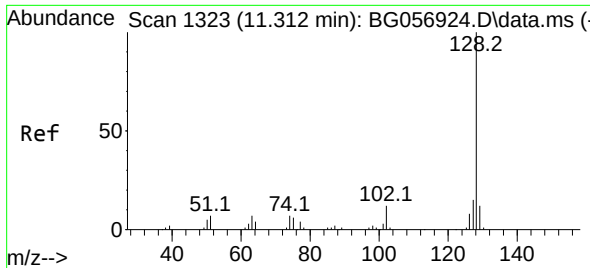
Delta R.T. 0.021 min

Lab File: BG056976.D

Acq: 4 Apr 2023 22:23

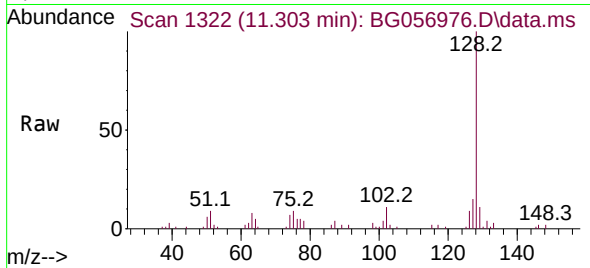
Tgt Ion:	122	Resp:	4500
Ion Ratio	Lower	Upper	
122	100		
107	98.4	105.7	158.5#
121	33.5	48.0	72.0#





#31
Naphthalene
Concen: 20.168 ng
RT: 11.303 min Scan# 1323
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

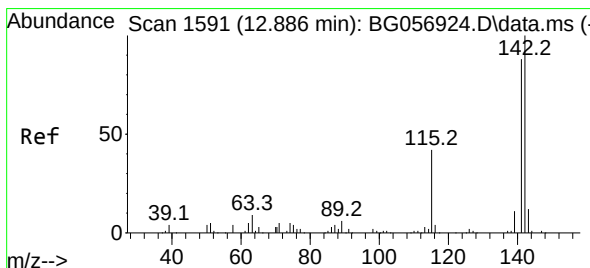
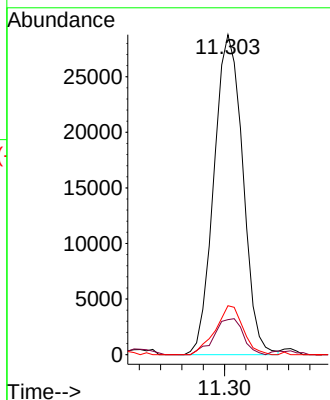
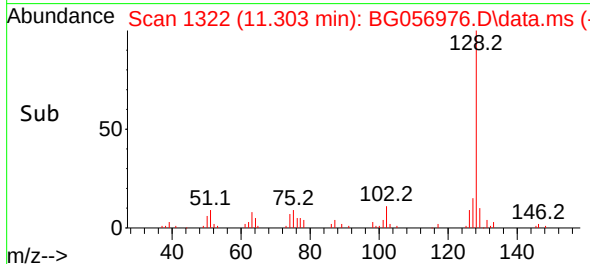
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



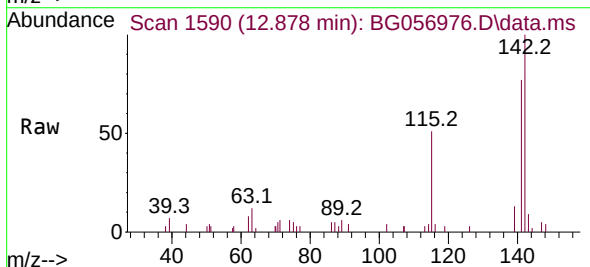
Tgt Ion:128 Resp: 5420
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 15.3 12.2 18.4

Manual Integrations
APPROVED

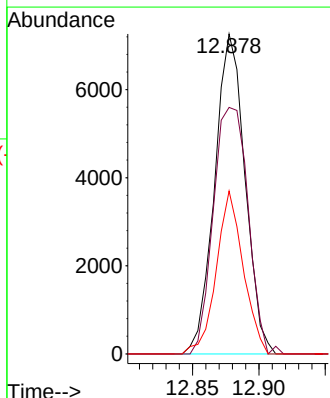
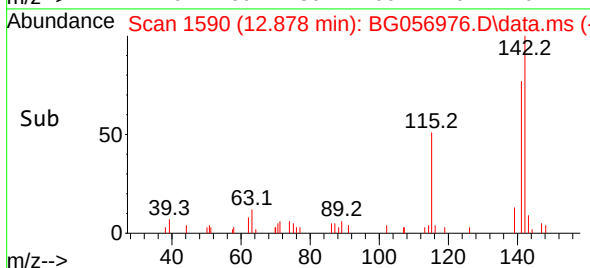
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

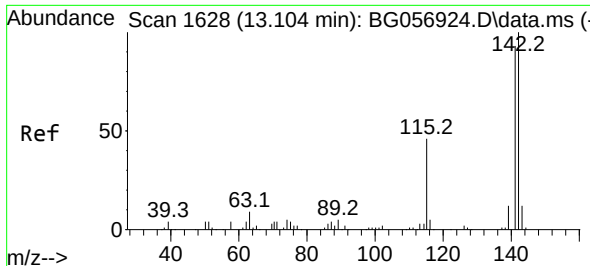


#37
2-Methylnaphthalene
Concen: 5.419 ng m
RT: 12.878 min Scan# 1590
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



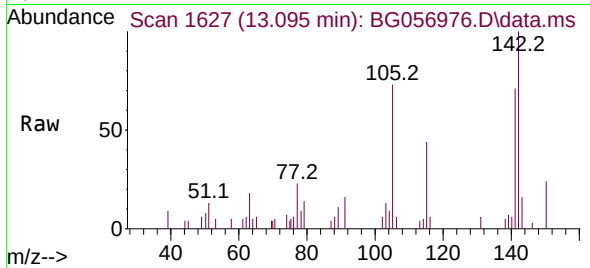
Tgt Ion:142 Resp: 11559
Ion Ratio Lower Upper
142 100
141 77.0 70.3 105.5
115 50.9 33.5 50.3#





#38
1-Methylnaphthalene
Concen: 3.426 ng m
RT: 13.095 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

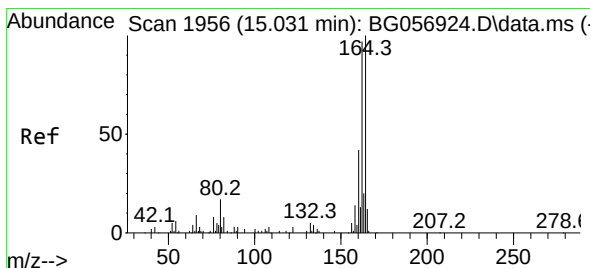
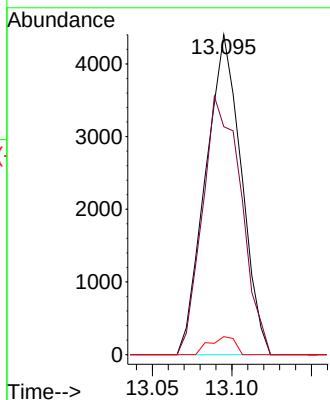
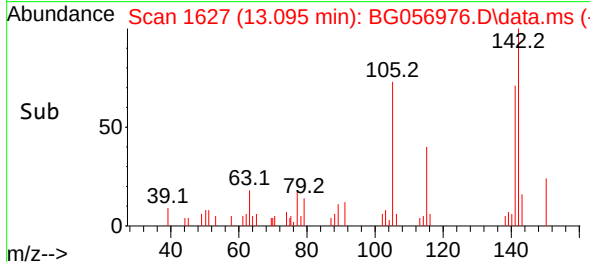
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



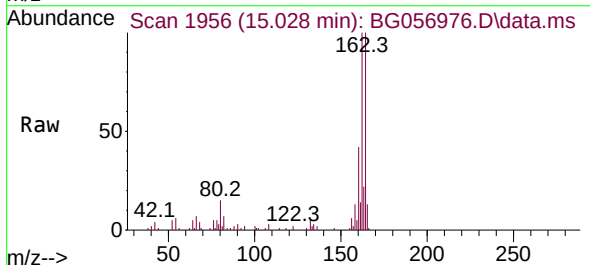
Tgt Ion:142 Resp: 6863
Ion Ratio Lower Upper
142 100
141 71.2 74.0 111.0
116 5.6 3.7 5.5

Manual Integrations
APPROVED

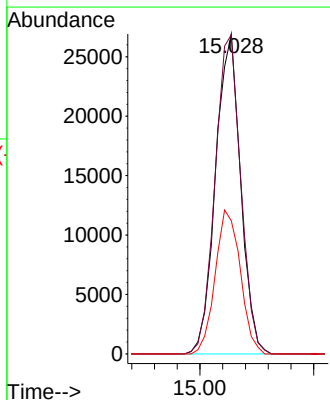
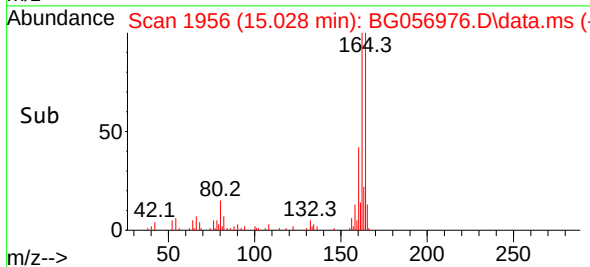
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

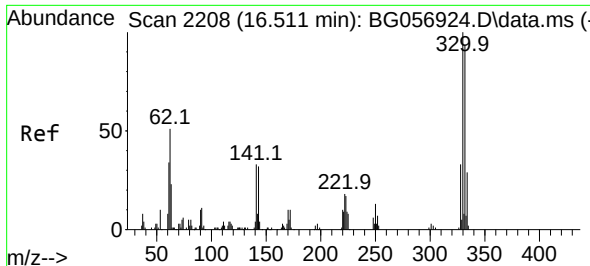


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



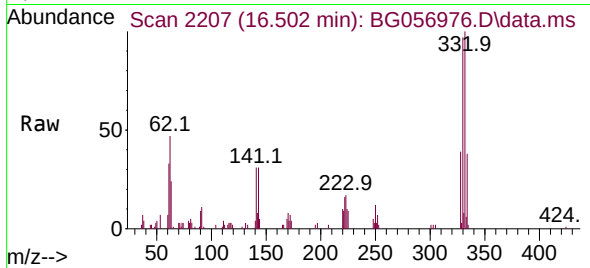
Tgt Ion:164 Resp: 41073
Ion Ratio Lower Upper
164 100
162 99.7 77.8 116.8
160 41.6 33.5 50.3





#42
2,4,6-Tribromophenol
Concen: 27.401 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

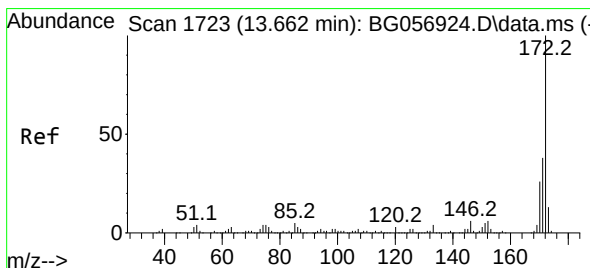
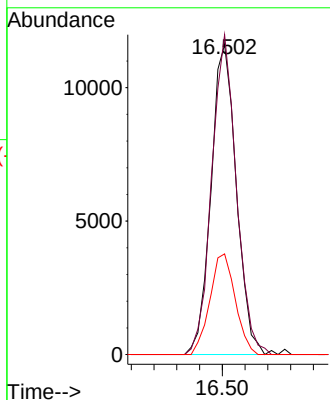
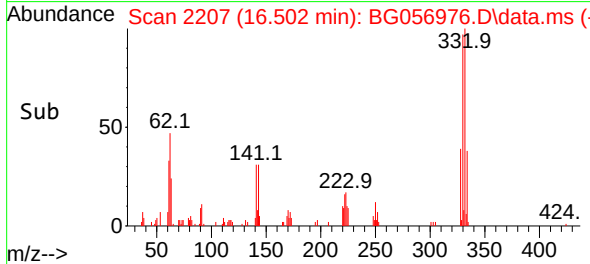
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



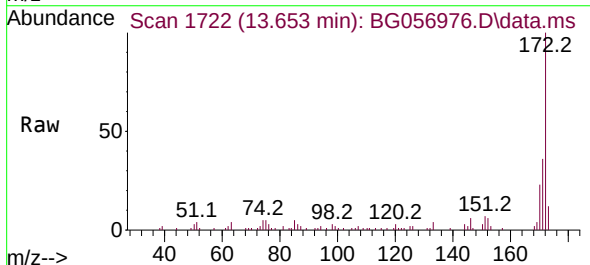
Tgt Ion:330 Resp: 17979
Ion Ratio Lower Upper
330 100
332 100.4 76.1 114.1
141 32.5 25.8 38.6

Manual Integrations
APPROVED

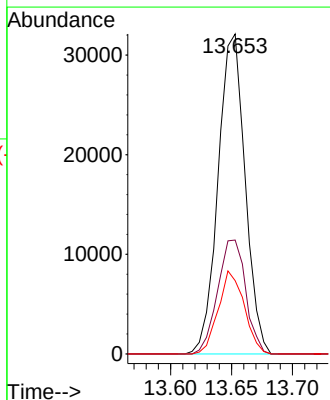
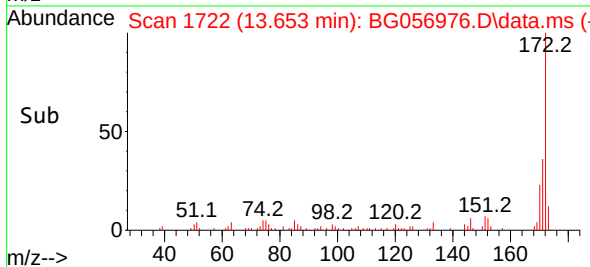
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

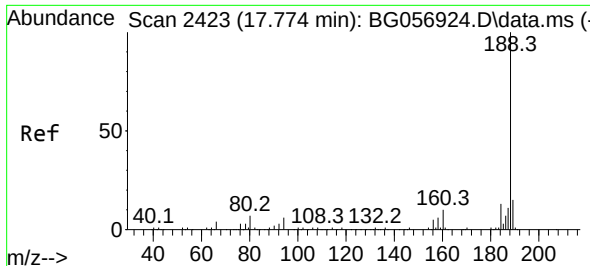


#45
2-Fluorobiphenyl
Concen: 16.334 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23



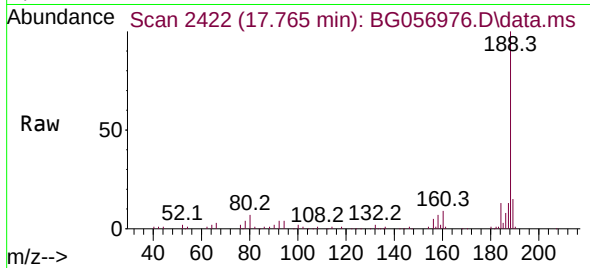
Tgt Ion:172 Resp: 49476
Ion Ratio Lower Upper
172 100
171 35.6 30.6 46.0
170 22.9 20.6 30.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

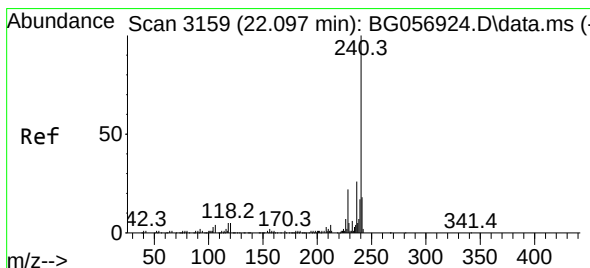
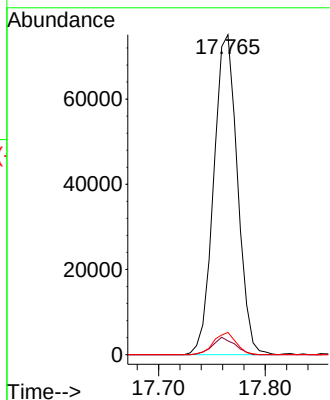
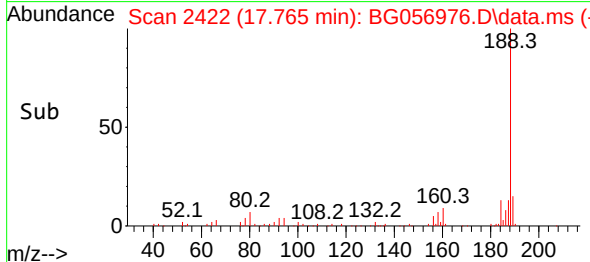
Instrument :
BNA_G
ClientSampleId :
MW-6ADL



Tgt Ion:188 Resp: 116195
Ion Ratio Lower Upper
188 100
94 4.3 4.6 6.8
80 6.9 5.5 8.3

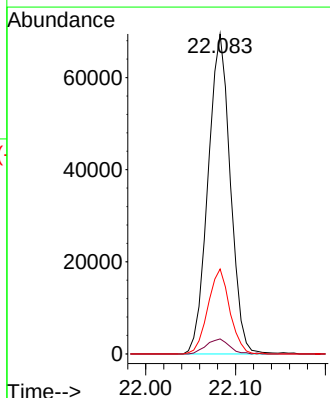
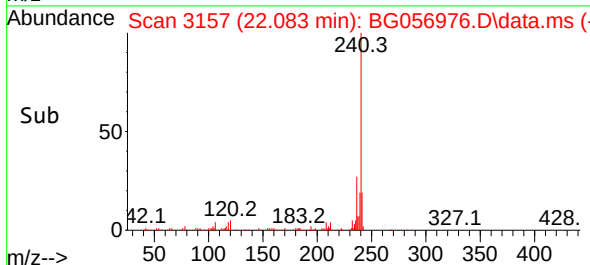
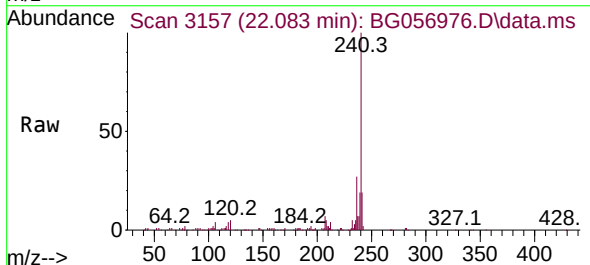
Manual Integrations
APPROVED

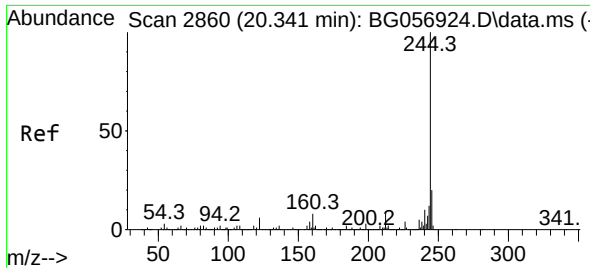
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.015 min
Lab File: BG056976.D
Acq: 4 Apr 2023 22:23

Tgt Ion:240 Resp: 119803
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 26.5 21.0 31.6





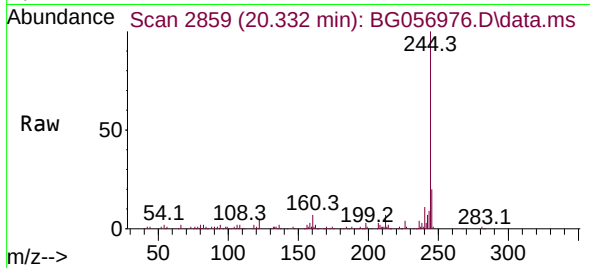
#79
 Terphenyl-d14
 Concen: 15.984 ng
 RT: 20.332 min Scan# 2860
 Delta R.T. -0.009 min
 Lab File: BG056976.D
 Acq: 4 Apr 2023 22:23

Instrument :

BNA_G

ClientSampleId :

MW-6ADL

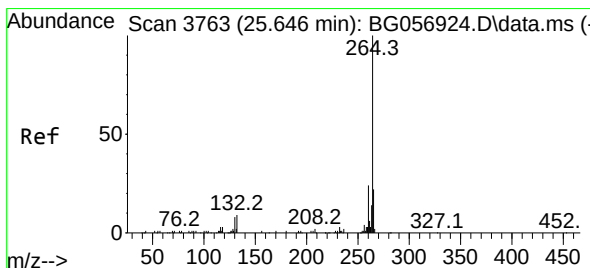
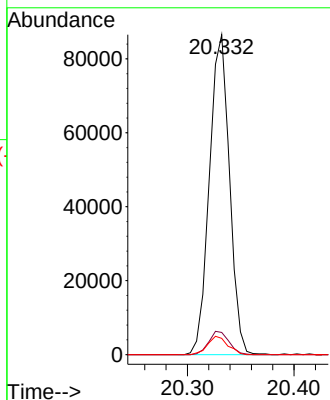
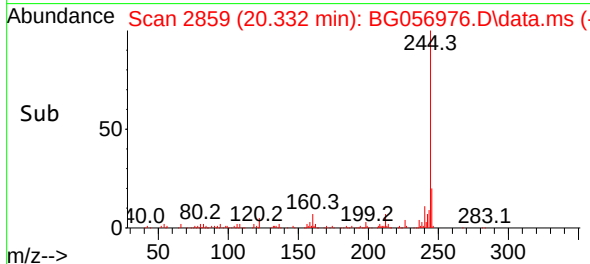


Tgt Ion:244 Resp: 113162
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 5.1 5.0 7.4

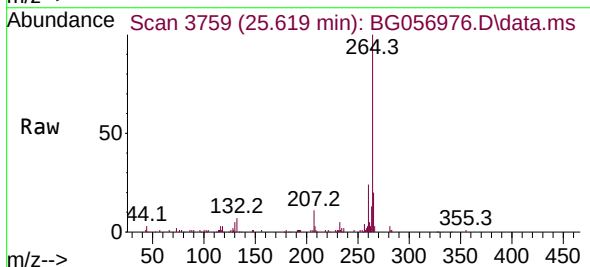
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.619 min Scan# 3759
 Delta R.T. -0.026 min
 Lab File: BG056976.D
 Acq: 4 Apr 2023 22:23



Tgt Ion:264 Resp: 125725
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 19.8 17.8 26.6

