

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058814.D
 Acq On : 22 Aug 2023 19:10
 Operator : MA/JU
 Sample : 04086-07DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09CDL

Quant Time: Aug 23 02:32:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	25980	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	109549	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	79398	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	202501	20.000	ng	0.00
76) Chrysene-d12	21.443	240	195720	20.000	ng	0.00
86) Perylene-d12	24.516	264	240492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	8439	5.227	ng	0.00
7) Phenol-d6	6.984	99	11908	5.257	ng	0.00
23) Nitrobenzene-d5	8.969	82	8746m	3.838	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	2831	2.274	ng	0.03
45) 2-Fluorobiphenyl	13.070	172	21211	3.886	ng	0.00
79) Terphenyl-d14	19.821	244	45777	4.200	ng	0.00
Target Compounds					Qvalue	
31) Naphthalene	10.656	128	158451	27.547	ng	99
37) 2-Methylnaphthalene	12.271	142	125906	30.476	ng	98
38) 1-Methylnaphthalene	12.489	142	60854	15.518	ng	99

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

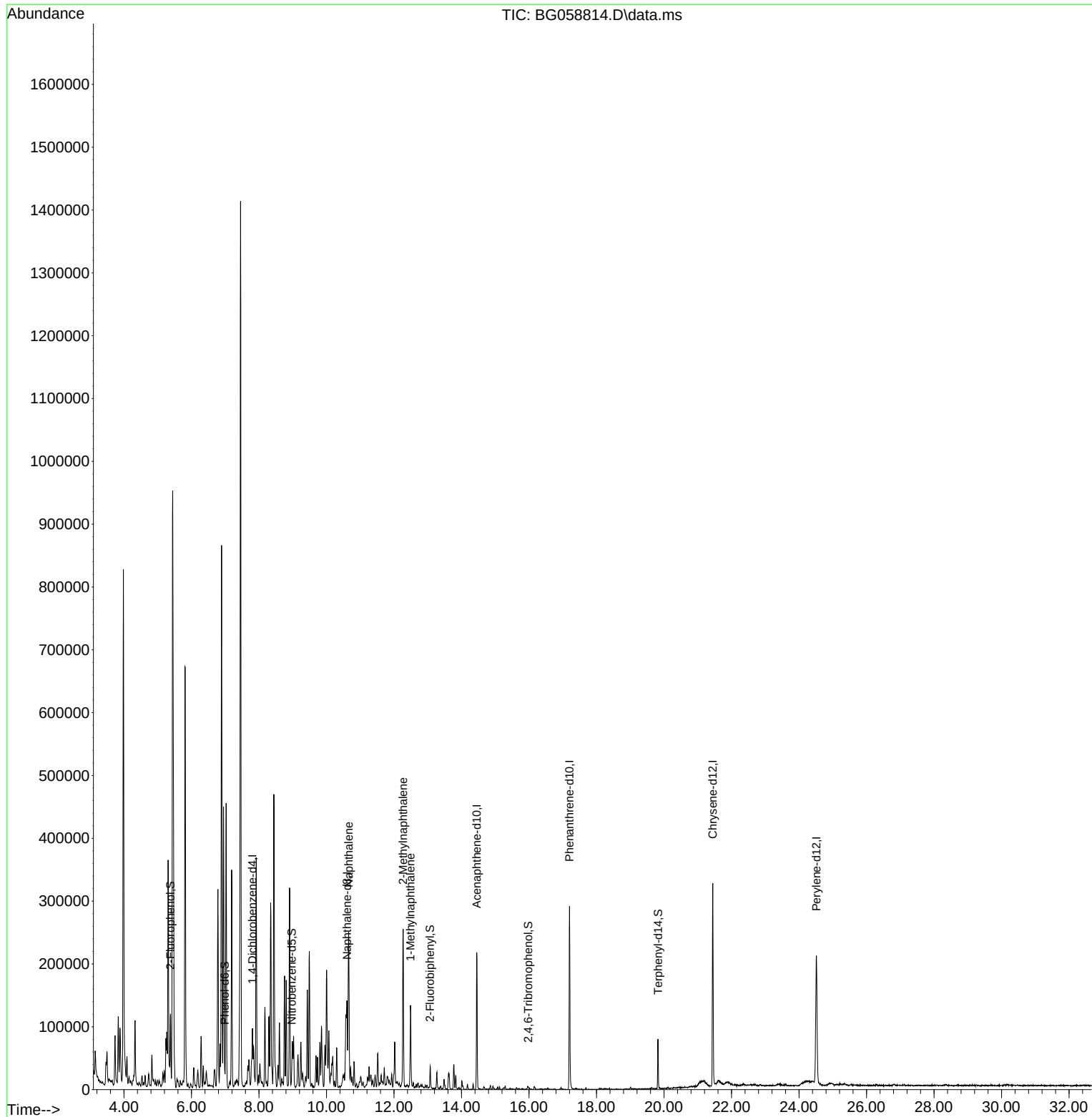
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058814.D
Acq On : 22 Aug 2023 19:10
Operator : MA/JU
Sample : 04086-07DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

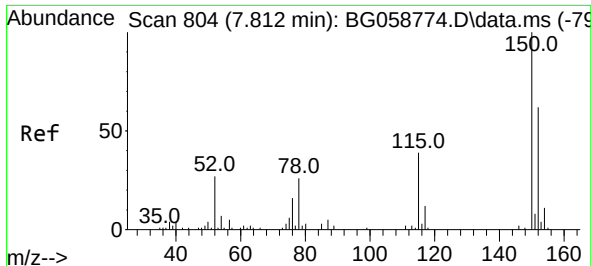
Instrument :
BNA_G
ClientSampleId :
B-PP09CDL

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Quant Time: Aug 23 02:32:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

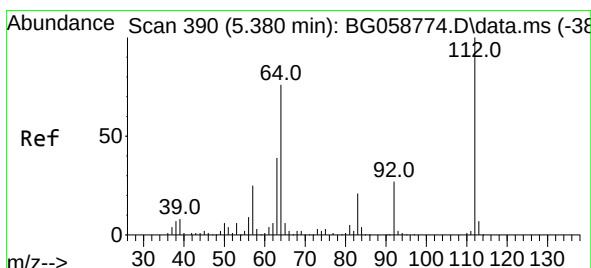
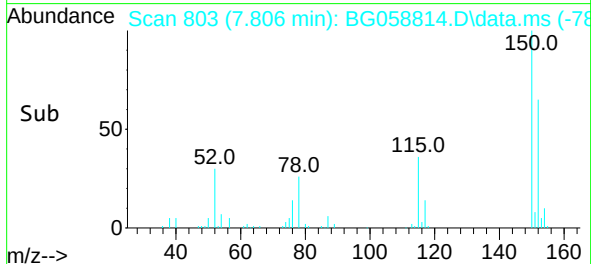
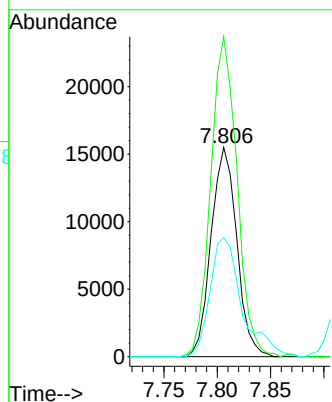
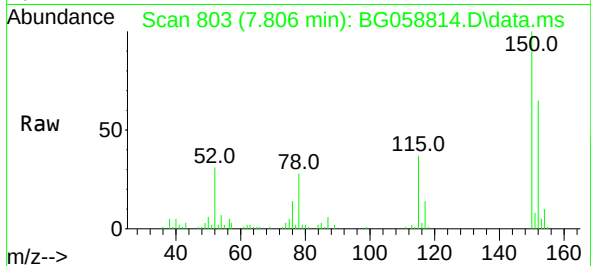
B-PP09CDL

Tgt Ion:152 Resp: 25980
Ion Ratio Lower Upper
152 100
150 152.9 128.6 192.8
115 56.8 50.4 75.6

Manual Integrations

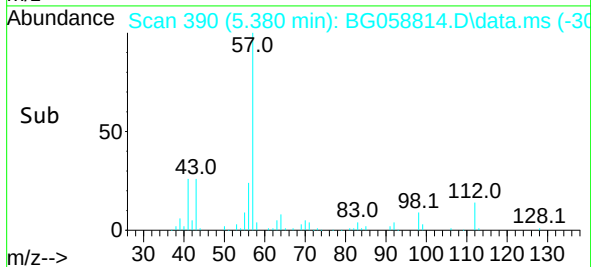
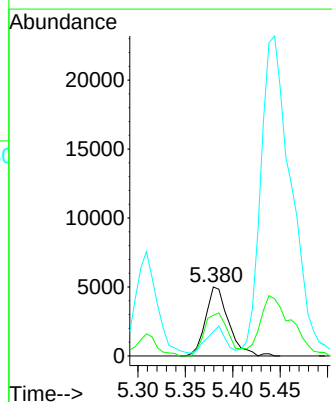
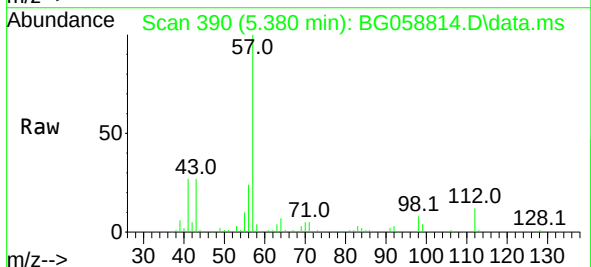
APPROVED

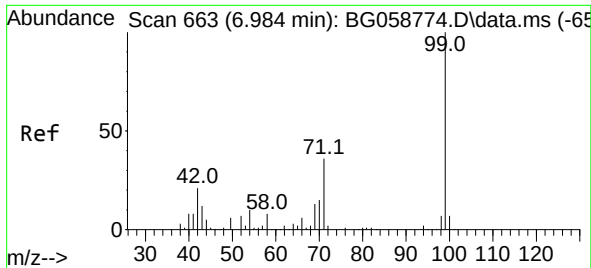
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#5
2-Fluorophenol
Concen: 5.227 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

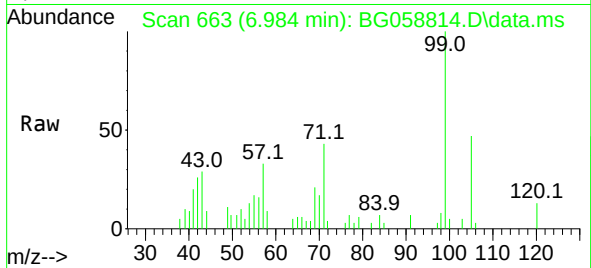
Tgt Ion:112 Resp: 8439
Ion Ratio Lower Upper
112 100
64 59.0 60.6 90.8#
63 35.4 31.0 46.4





#7
Phenol-d6
Concen: 5.257 ng
RT: 6.984 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

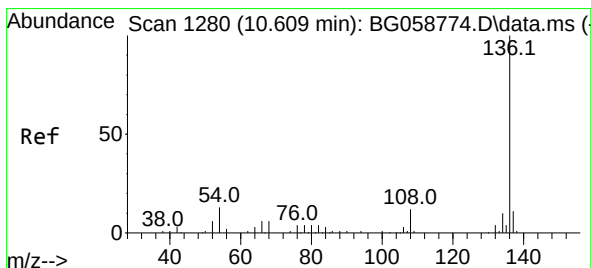
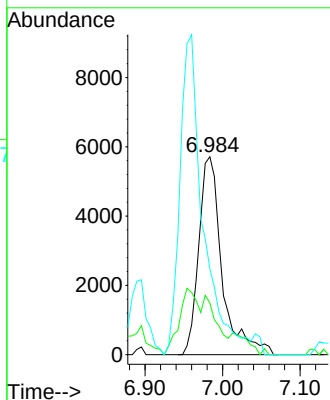
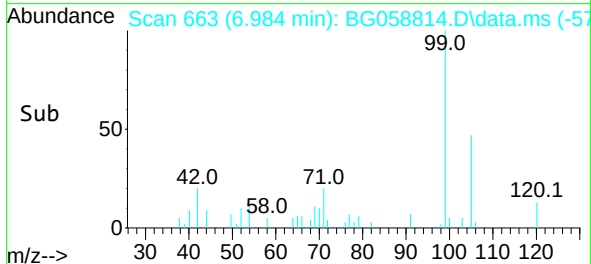
Instrument :
BNA_G
ClientSampleId :
B-PP09CDL



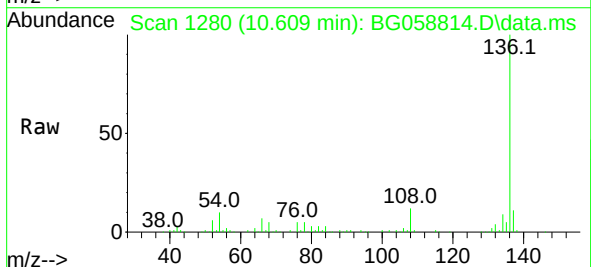
Tgt Ion: 99 Resp: 11908
Ion Ratio Lower Upper
99 100
42 26.2 16.5 24.7
71 43.4 28.4 42.6

Manual Integrations
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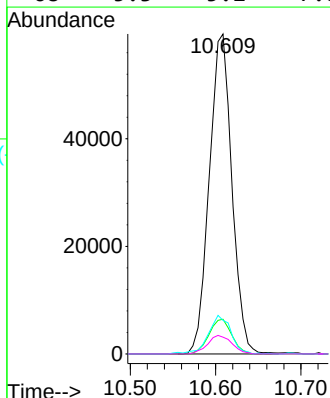
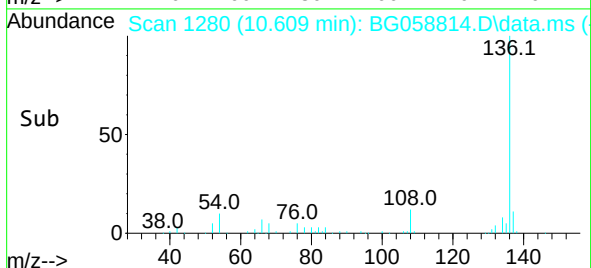
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

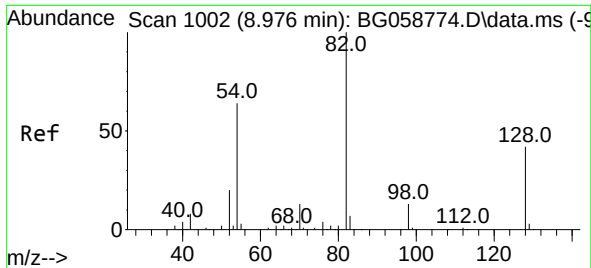


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10



Tgt Ion:136 Resp: 109549
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.5 10.1 15.1
68 5.3 5.2 7.8





#23
Nitrobenzene-d5
Concen: 3.838 ng m
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

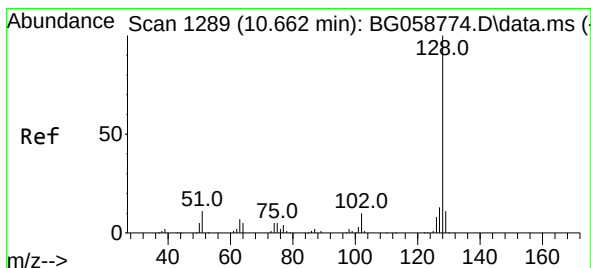
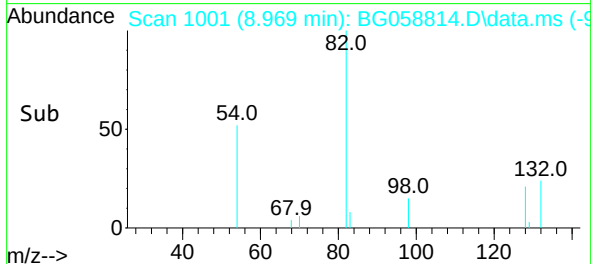
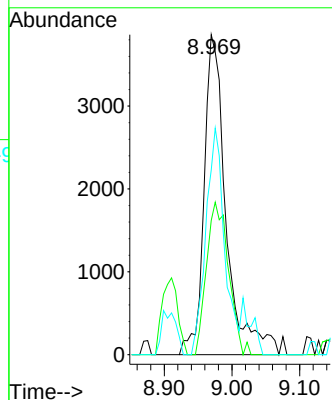
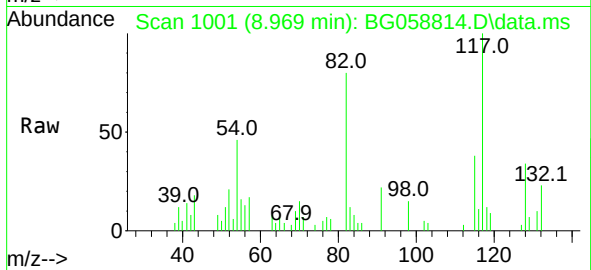
B-PP09CDL

Tgt Ion: 82 Resp: 8740
Ion Ratio Lower Upper
82 100
128 41.9 33.2 49.8
54 57.7 51.2 76.8

Manual Integrations

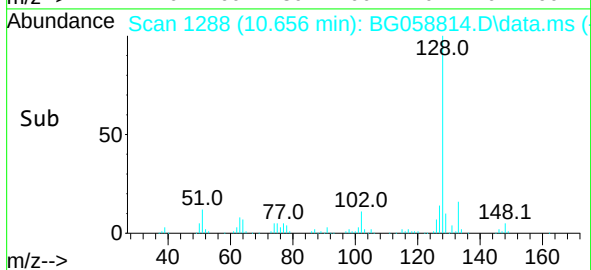
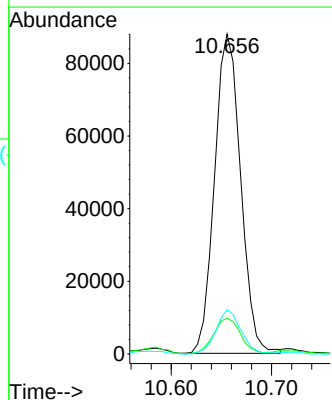
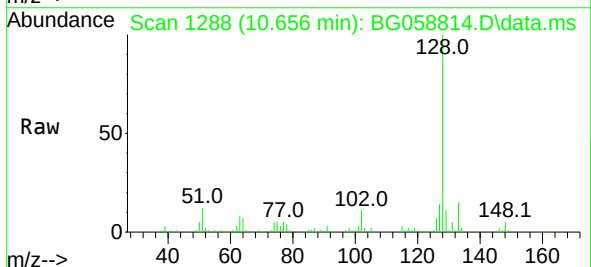
APPROVED

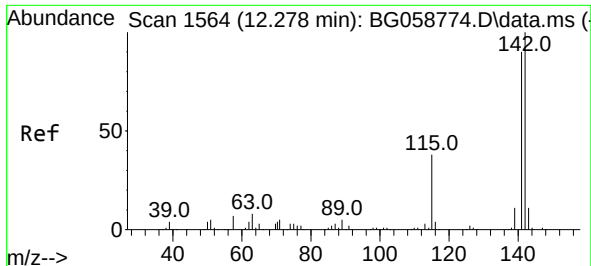
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#31
Naphthalene
Concen: 27.547 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:128 Resp: 158451
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.8 10.6 15.8





#37

2-Methylnaphthalene

Concen: 30.476 ng

RT: 12.271 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

B-PP09CDL

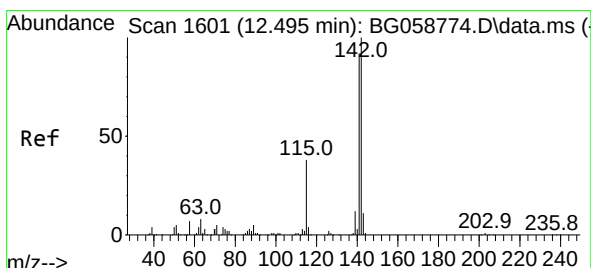
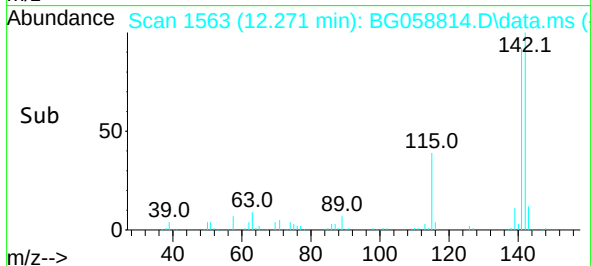
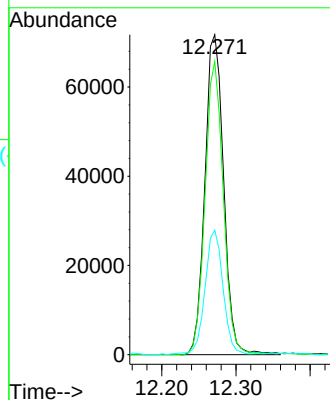
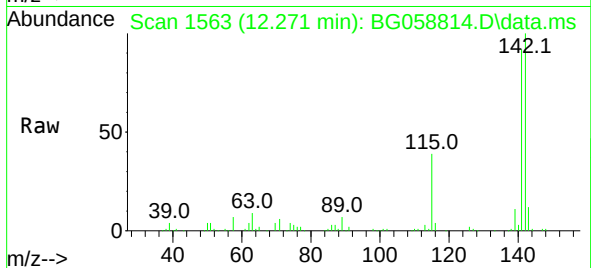
Tgt Ion:142 Resp: 125900
 Ion Ratio Lower Upper
 142 100
 141 91.6 71.8 107.8
 115 39.0 30.6 45.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#38

1-Methylnaphthalene

Concen: 15.518 ng

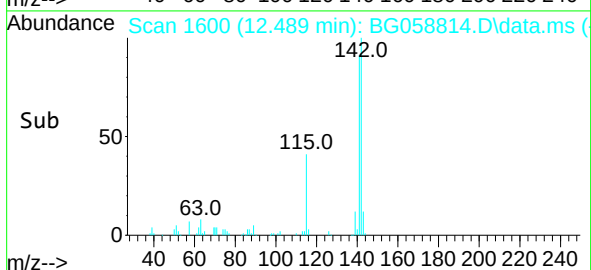
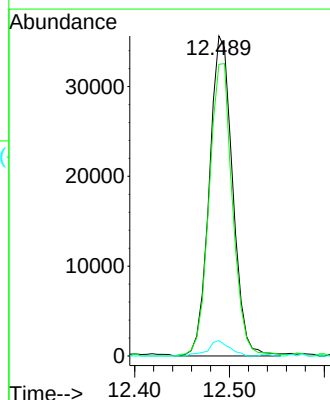
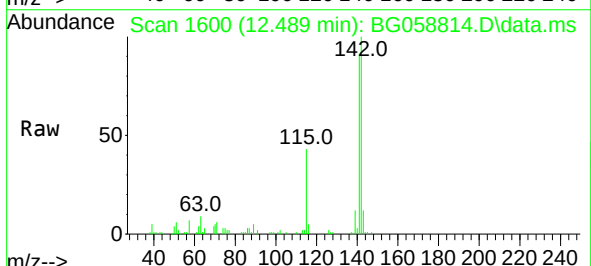
RT: 12.489 min Scan# 1600

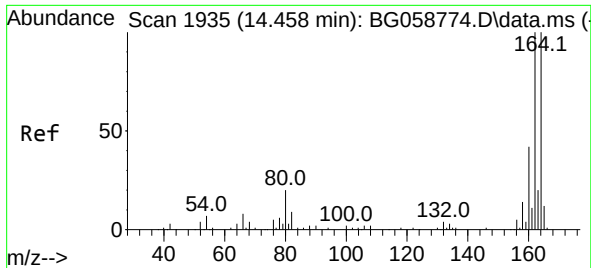
Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

Tgt Ion:142 Resp: 60854
 Ion Ratio Lower Upper
 142 100
 141 91.2 73.9 110.9
 116 4.8 3.2 4.8





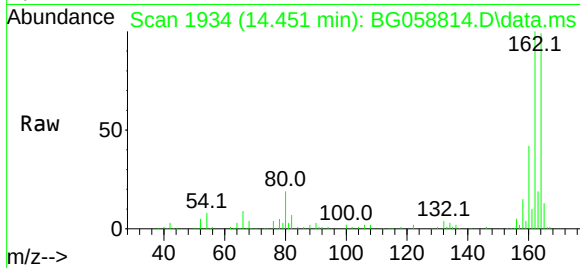
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

B-PP09CDL

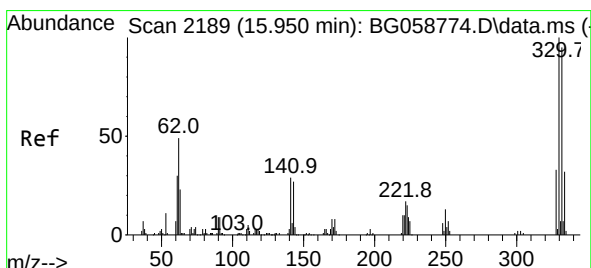
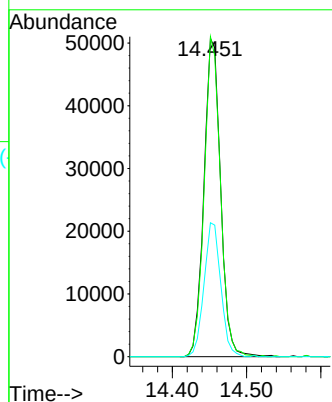
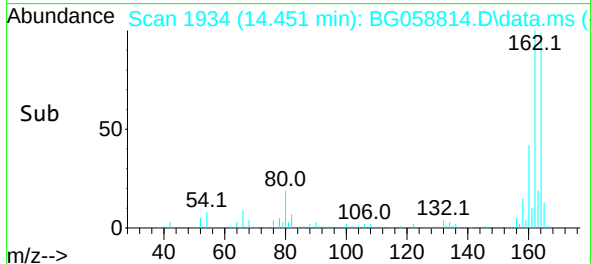


Tgt Ion:164 Resp: 79398
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 42.1 34.0 51.0

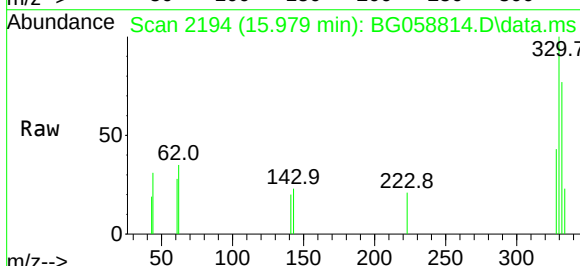
Manual Integrations

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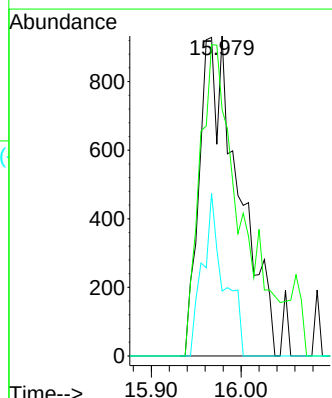
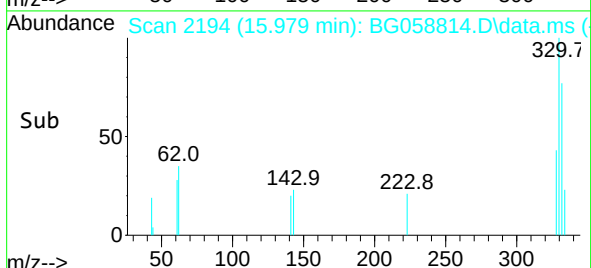
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

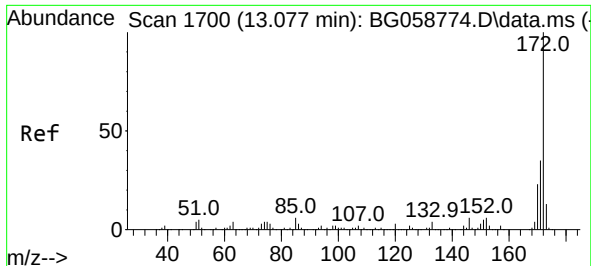


#42
2,4,6-Tribromophenol
Concen: 2.274 ng
RT: 15.979 min Scan# 2194
Delta R.T. 0.029 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10



Tgt Ion:330 Resp: 2831
Ion Ratio Lower Upper
330 100
332 100.2 78.5 117.7
141 27.9 23.0 34.6





#45
2-Fluorobiphenyl
Concen: 3.886 ng
RT: 13.070 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

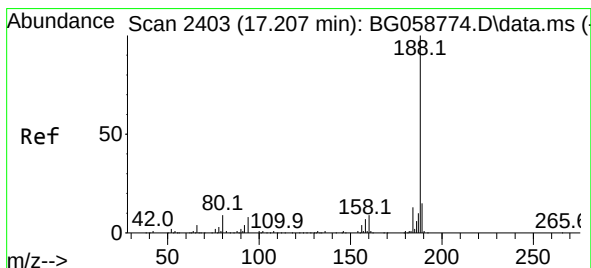
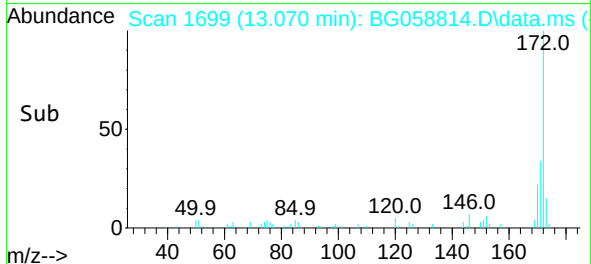
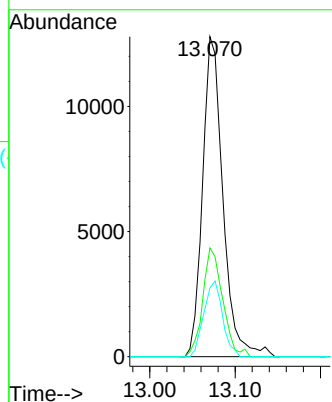
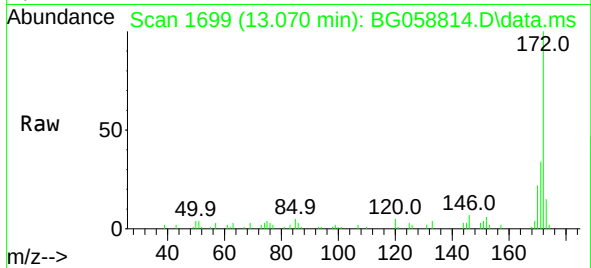
B-PP09CDL

Tgt Ion:172 Resp: 2121
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 21.5 18.6 27.8

Manual Integrations

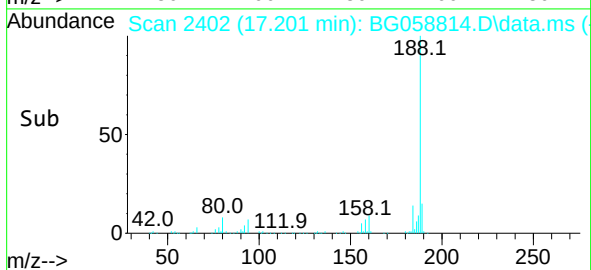
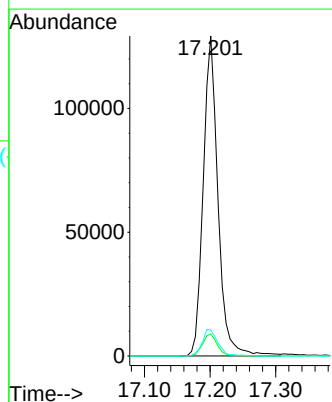
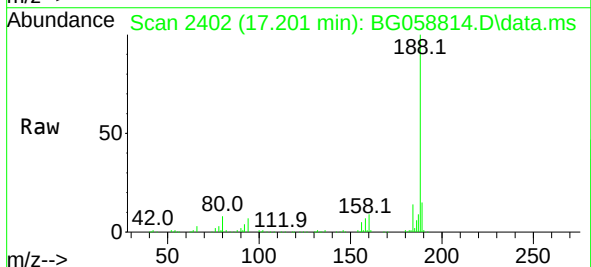
APPROVED

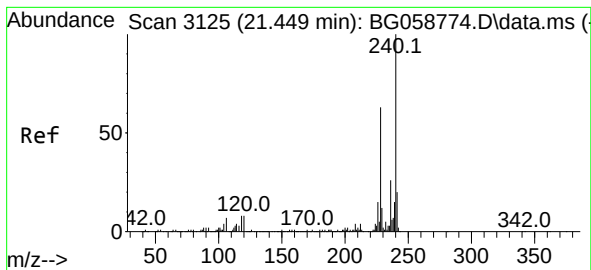
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058814.D
Acq: 22 Aug 2023 19:10

Tgt Ion:188 Resp: 202501
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.0 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

Instrument :

BNA_G

ClientSampleId :

B-PP09CDL

Tgt Ion:240 Resp: 195720

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

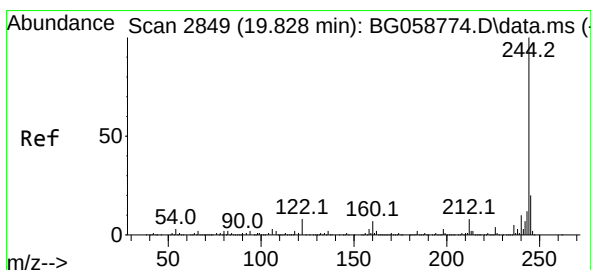
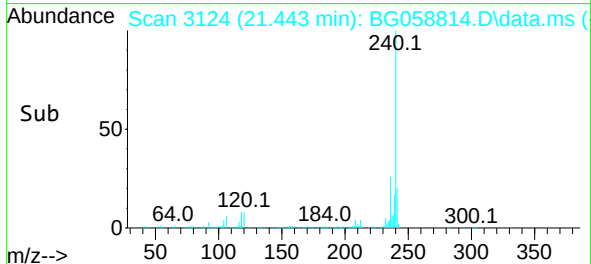
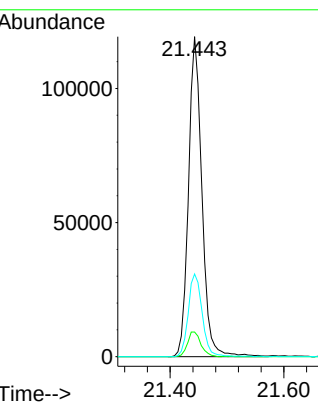
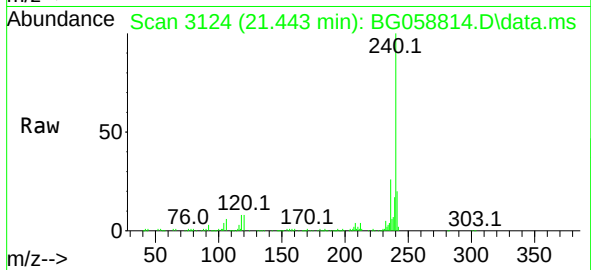
236 25.8 20.5 30.7

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/24/2023



#79

Terphenyl-d14

Concen: 4.200 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BG058814.D

Acq: 22 Aug 2023 19:10

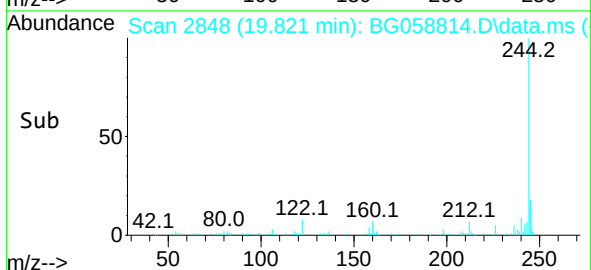
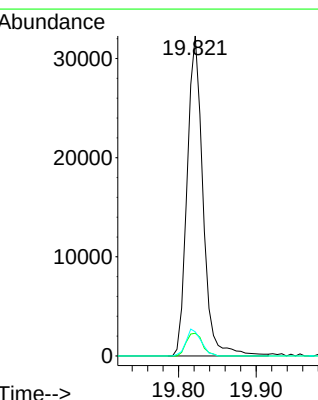
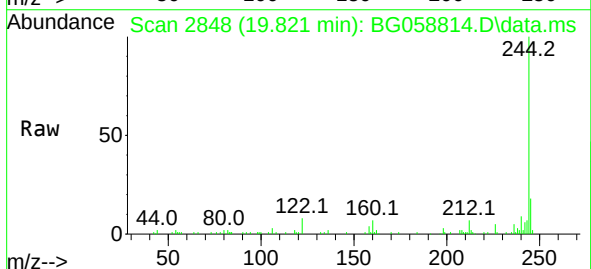
Tgt Ion:244 Resp: 45777

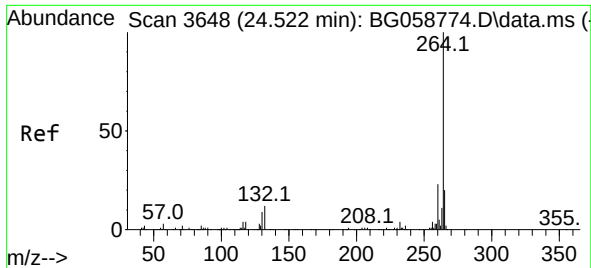
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

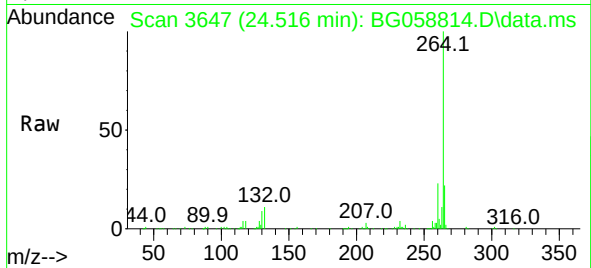
122 7.6 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG058814.D
 Acq: 22 Aug 2023 19:10

Instrument :
 BNA_G
 ClientSampleId :
 B-PP09CDL



Tgt Ion:264 Resp: 240492
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.8 16.4 24.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

