

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057654.D
 Acq On : 7 Jun 2023 3:12
 Operator : CG/JU
 Sample : 03001-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP17-0A

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 07 03:53:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	20753	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	91055	20.000	ng	0.00
39) Acenaphthene-d10	14.952	164	70560	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	175563	20.000	ng	0.00
76) Chrysene-d12	21.996	240	158419	20.000	ng	0.00
86) Perylene-d12	25.485	264	168319	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	141077	118.101	ng	0.00
7) Phenol-d6	7.486	99	216846	115.994	ng	0.00
23) Nitrobenzene-d5	9.518	82	131169	67.340	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	109572	96.993	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	350400	71.367	ng	0.00
79) Terphenyl-d14	20.263	244	659575	72.121	ng	0.00
Target Compounds						
31) Naphthalene	11.228	128	92837	19.274	ng	Qvalue 97
37) 2-Methylnaphthalene	12.808	142	16427	4.345	ng	97
38) 1-Methylnaphthalene	13.025	142	9375m	2.599	ng	

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

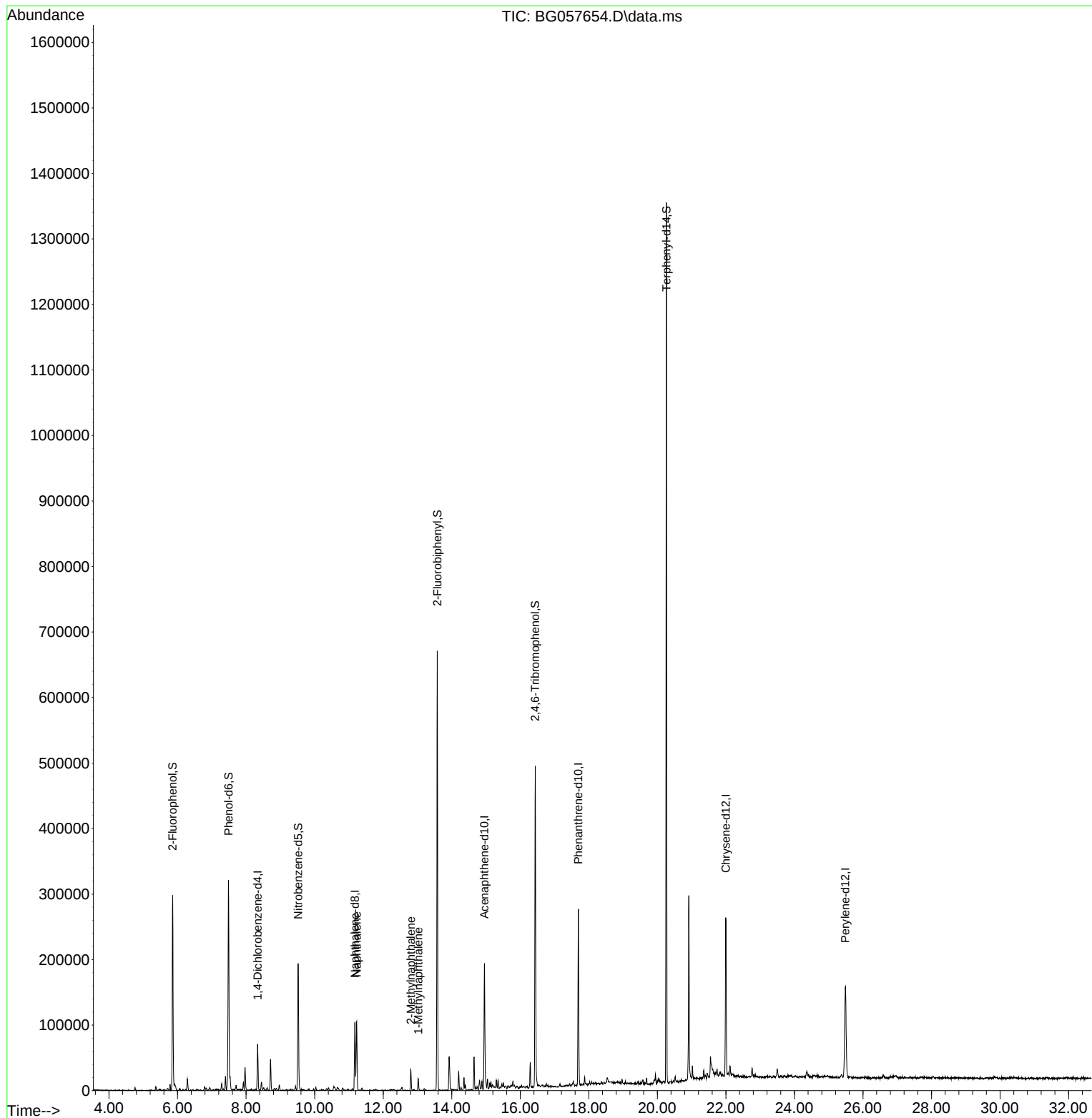
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057654.D
Acq On : 7 Jun 2023 3:12
Operator : CG/JU
Sample : 03001-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

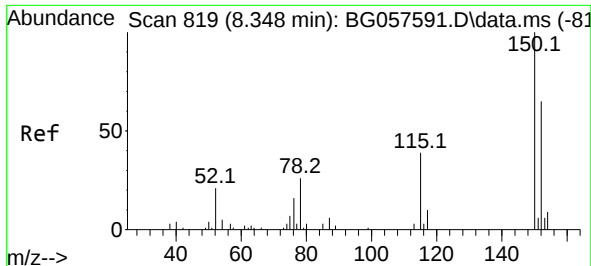
Instrument :
BNA_G
ClientSampleId :
TP17-0A

Quant Time: Jun 07 03:53:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

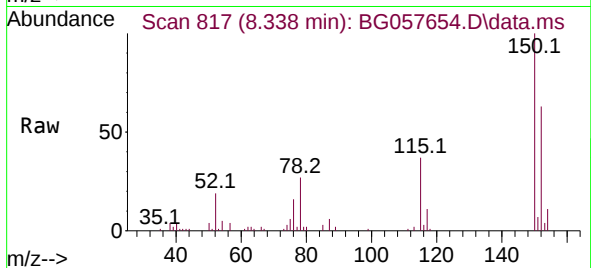
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

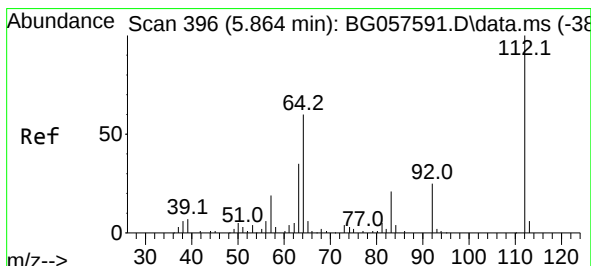
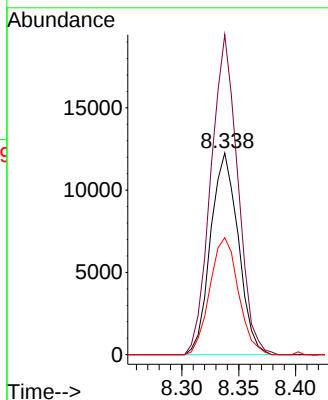
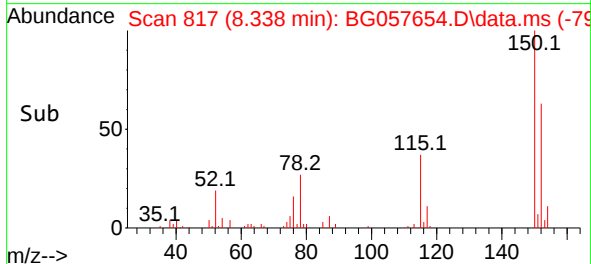
Instrument :
BNA_G
ClientSampleId :
TP17-0A



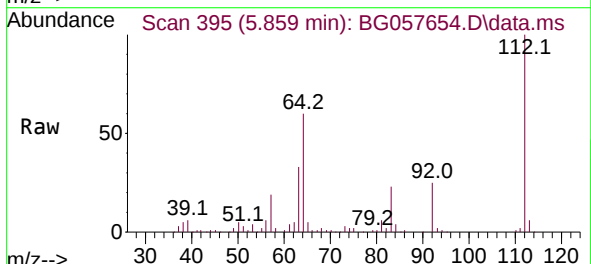
Tgt Ion:152 Resp: 2075
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.4
115 58.0 47.4 71.2

Manual Integrations
APPROVED

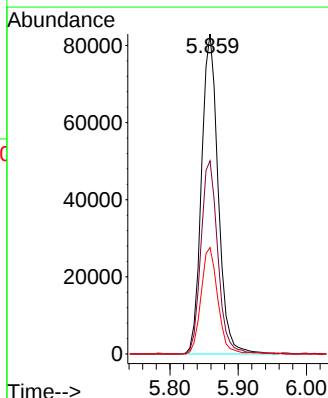
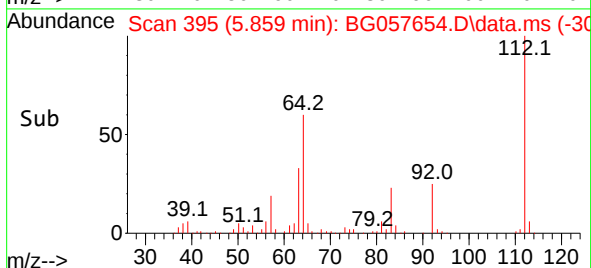
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

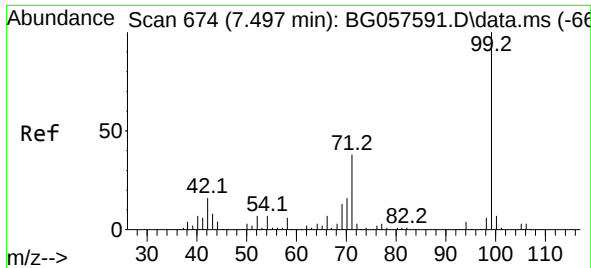


#5
2-Fluorophenol
Concen: 118.101 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12



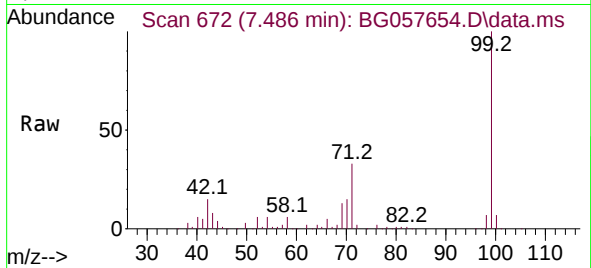
Tgt Ion:112 Resp: 141077
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 33.3 27.8 41.8





#7
Phenol-d6
Concen: 115.994 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

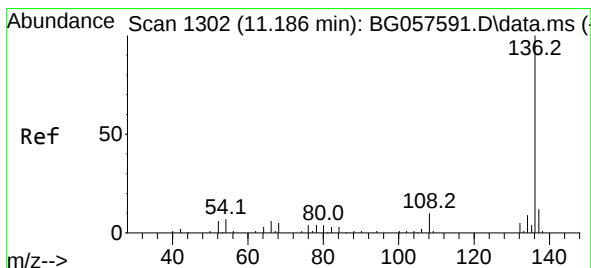
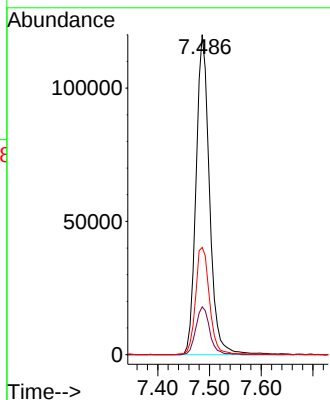
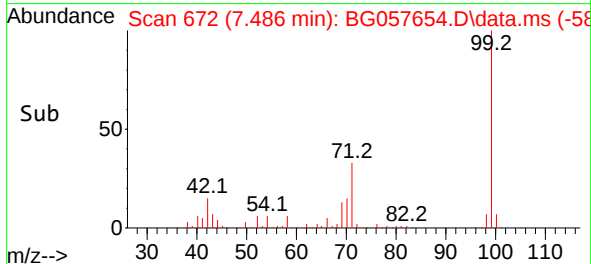
Instrument :
BNA_G
ClientSampleId :
TP17-0A



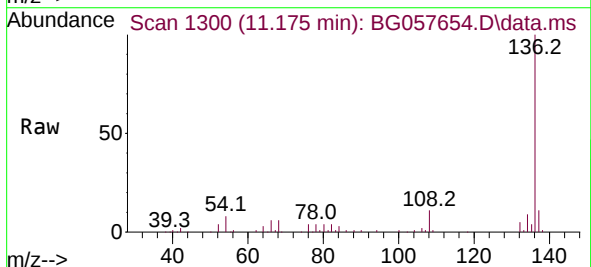
Tgt Ion: 99 Resp: 21684
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.5 30.3 45.5

Manual Integrations
APPROVED

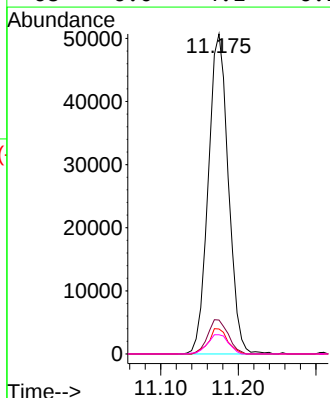
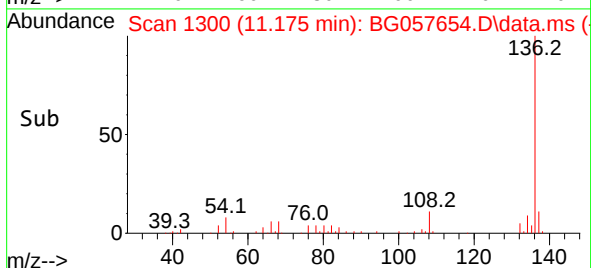
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

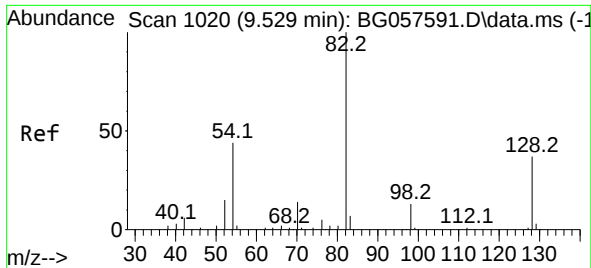


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12



Tgt Ion:136 Resp: 91055
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.8
54 7.8 5.8 8.6
68 6.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 67.340 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Instrument :

BNA_G

ClientSampleId :

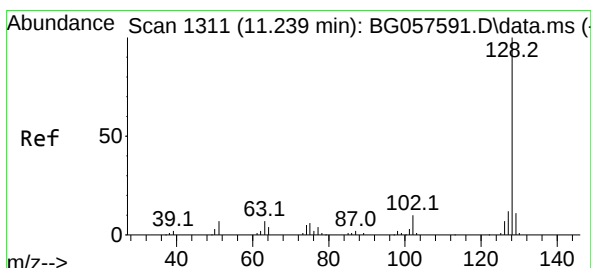
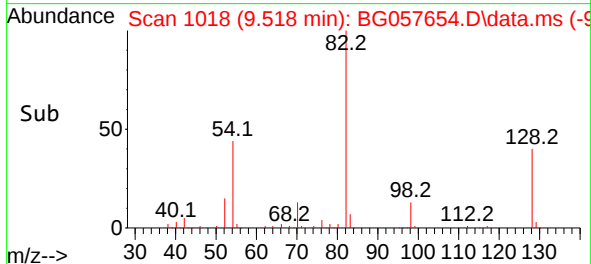
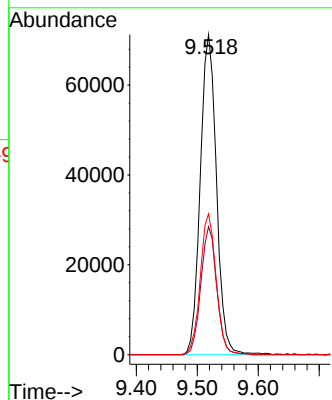
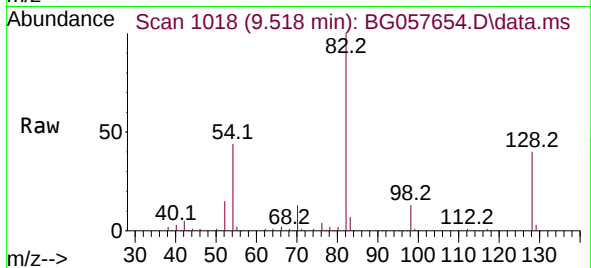
TP17-0A

Tgt Ion: 82 Resp: 131169
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 44.0 35.2 52.8

Manual Integrations

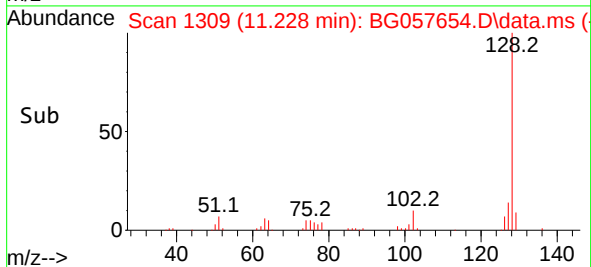
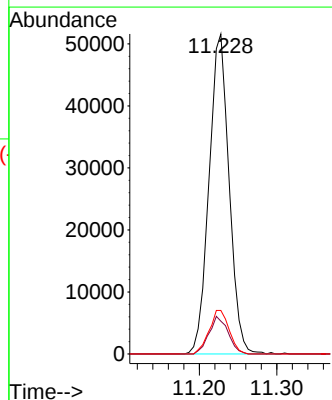
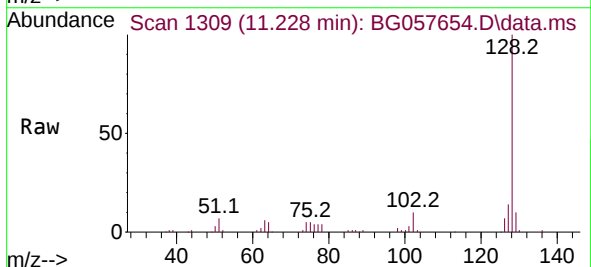
APPROVED

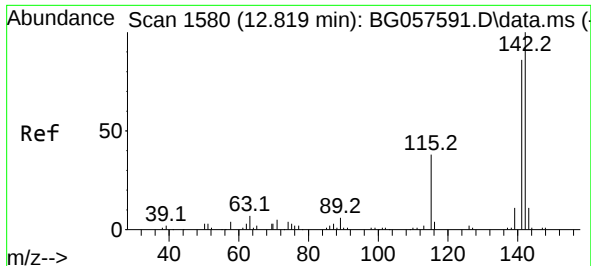
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#31
Naphthalene
Concen: 19.274 ng
RT: 11.228 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

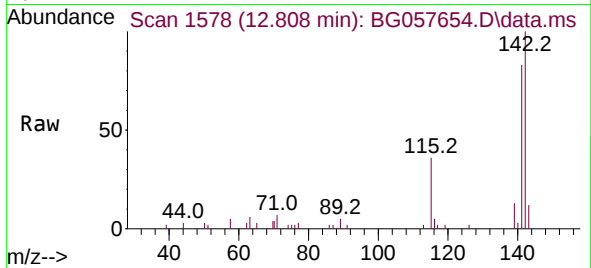
Tgt Ion:128 Resp: 92837
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.6 9.8 14.8





#37
2-Methylnaphthalene
Concen: 4.345 ng
RT: 12.808 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

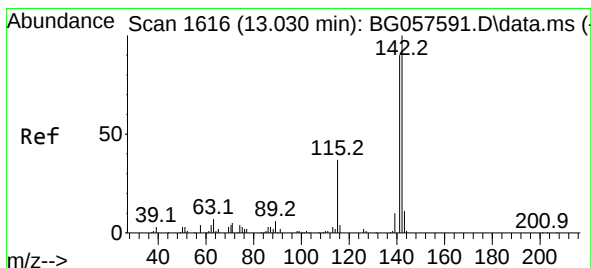
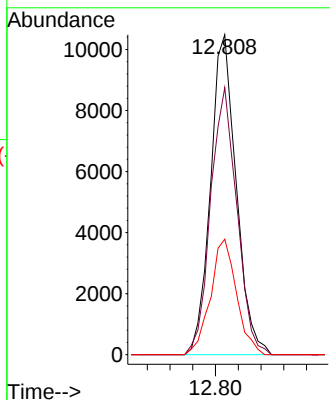
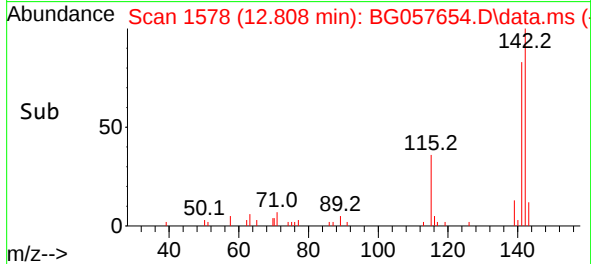
Instrument :
BNA_G
ClientSampleId :
TP17-0A



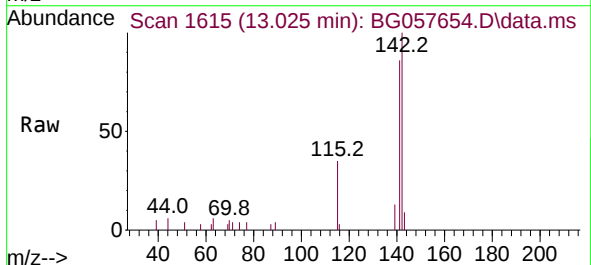
Tgt Ion:142 Resp: 1642
Ion Ratio Lower Upper
142 100
141 83.4 68.6 103.0
115 36.1 30.4 45.6

Manual Integrations
APPROVED

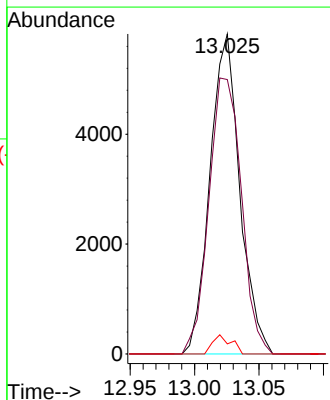
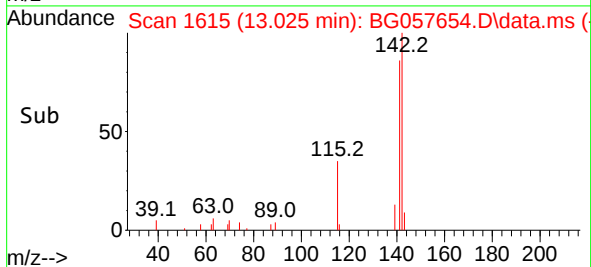
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

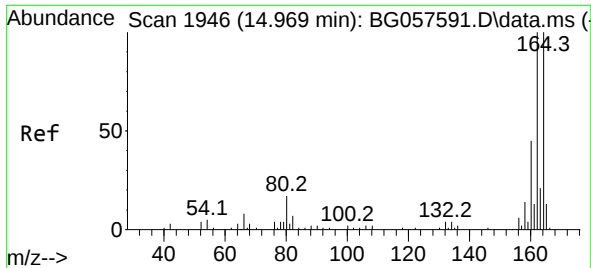


#38
1-Methylnaphthalene
Concen: 2.599 ng m
RT: 13.025 min Scan# 1615
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12



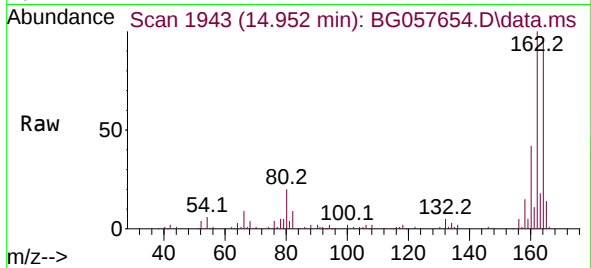
Tgt Ion:142 Resp: 9375
Ion Ratio Lower Upper
142 100
141 85.8 72.1 108.1
116 3.1 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.008 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

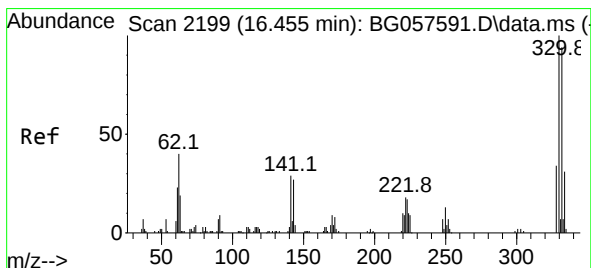
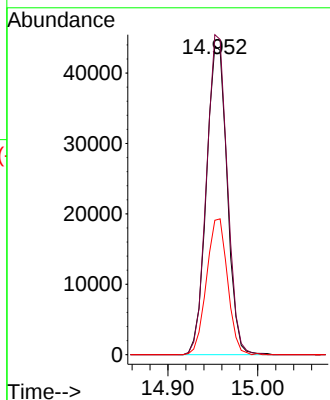
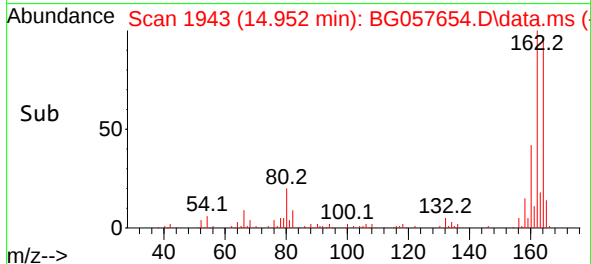
Instrument :
BNA_G
ClientSampleId :
TP17-0A



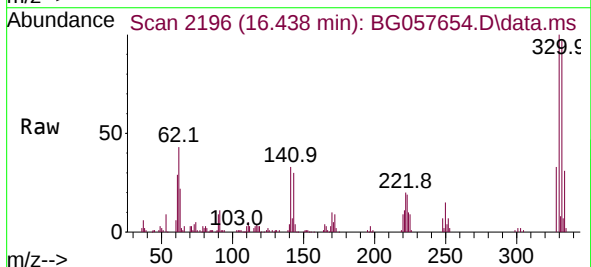
Tgt Ion:164 Resp: 70560
Ion Ratio Lower Upper
164 100
162 103.6 80.1 120.1
160 43.5 35.9 53.9

Manual Integrations
APPROVED

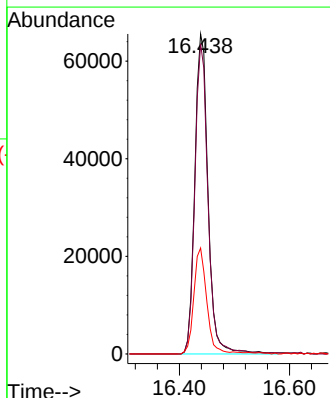
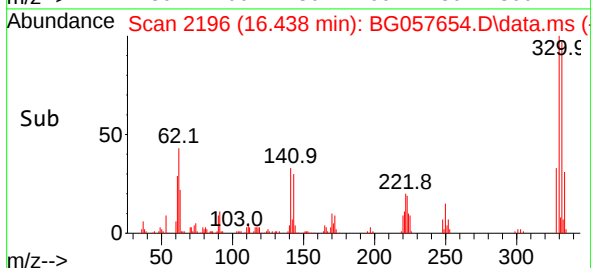
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

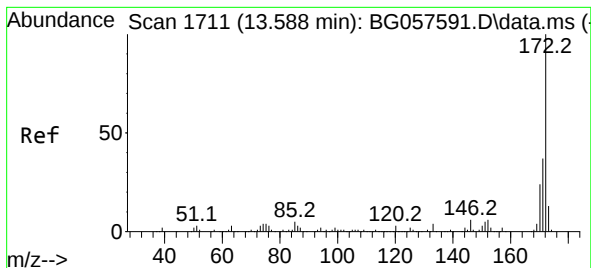


#42
2,4,6-Tribromophenol
Concen: 96.993 ng
RT: 16.438 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12



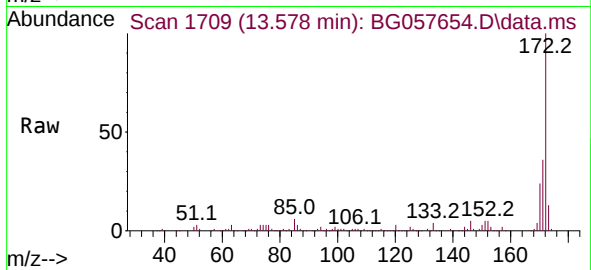
Tgt Ion:330 Resp: 109572
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.6 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 71.367 ng
RT: 13.578 min Scan# 1710
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

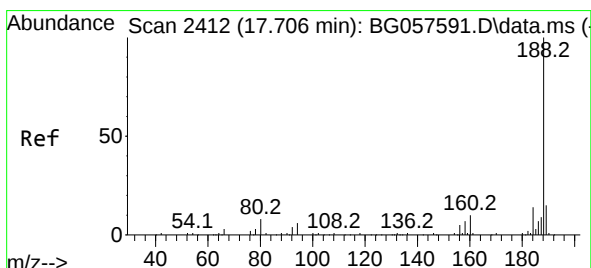
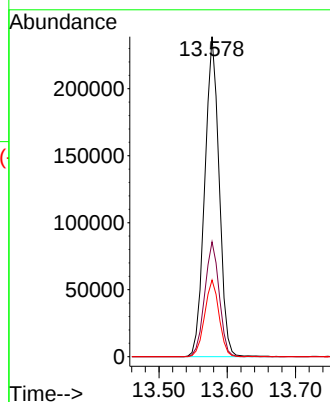
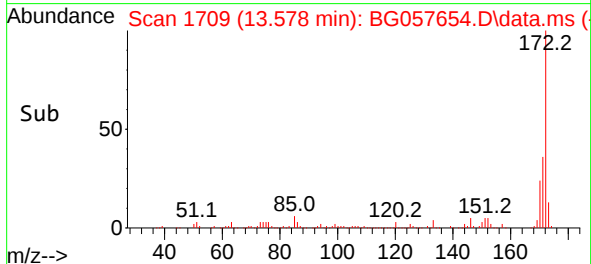
Instrument :
BNA_G
ClientSampleId :
TP17-0A



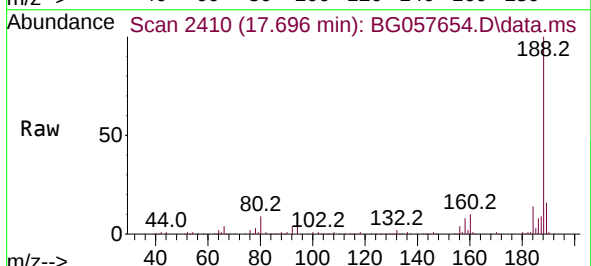
Tgt Ion:172 Resp: 350400
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 24.0 19.0 28.4

Manual Integrations
APPROVED

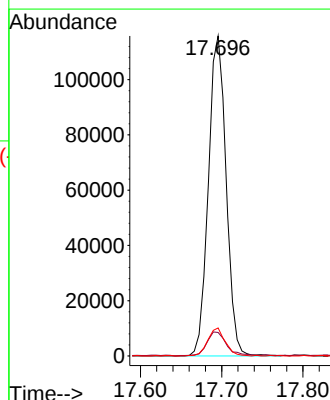
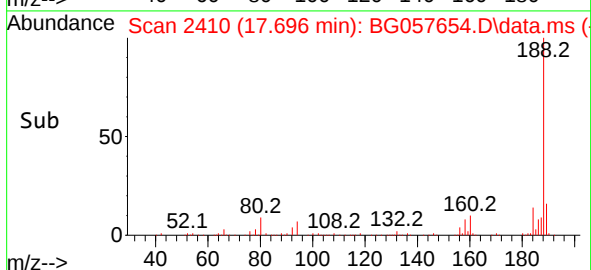
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

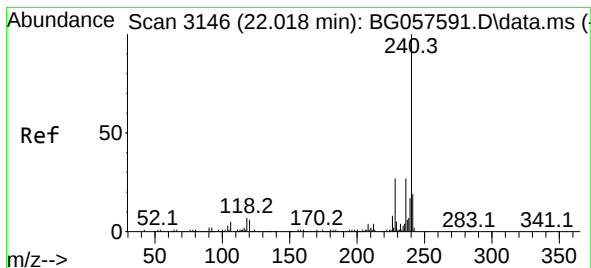


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12



Tgt Ion:188 Resp: 175563
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.996 min Scan# 3146

Delta R.T. -0.008 min

Lab File: BG057654.D

Acq: 7 Jun 2023 3:12

Instrument :

BNA_G

ClientSampleId :

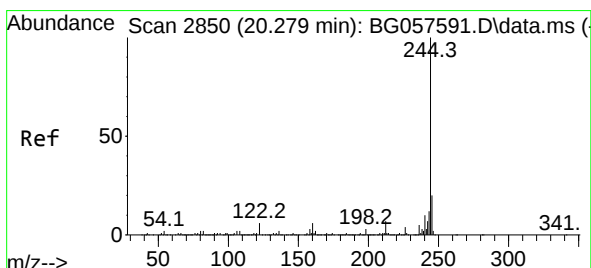
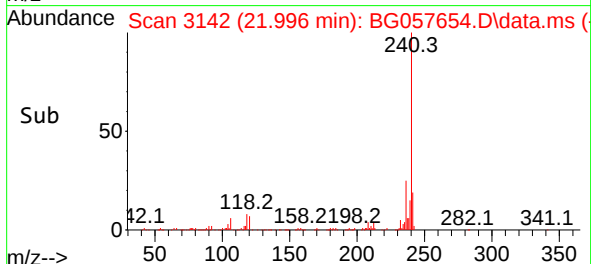
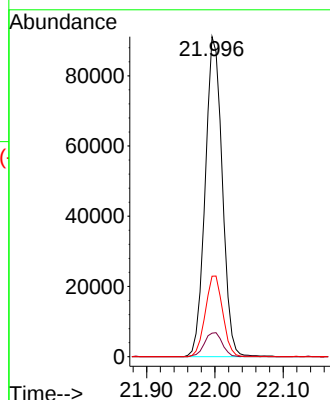
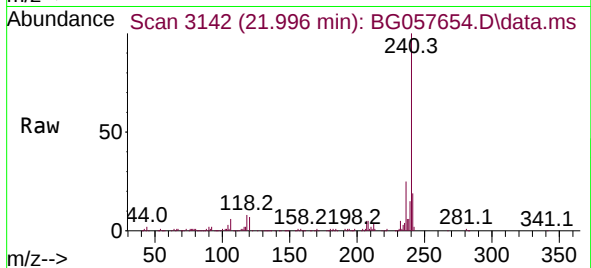
TP17-0A

Tgt Ion:240 Resp: 158419
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.2 7.8
 236 25.1 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023



#79

Terphenyl-d14

Concen: 72.121 ng

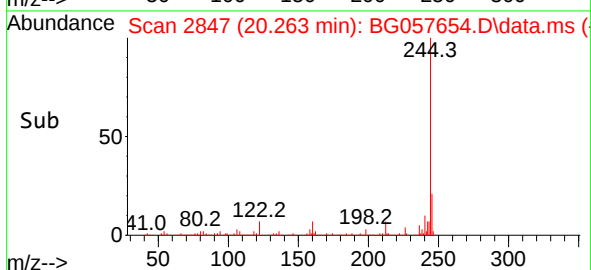
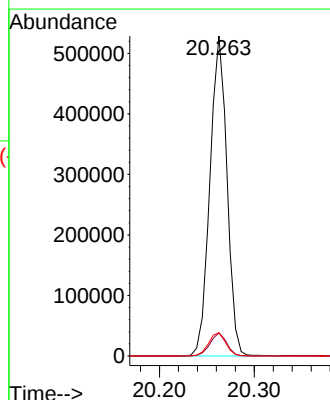
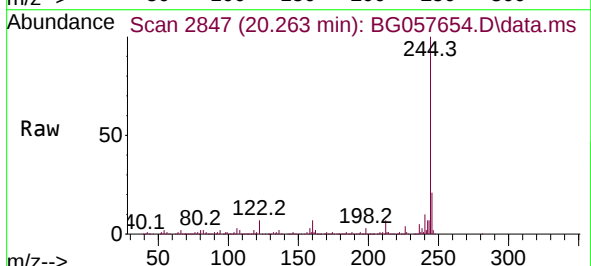
RT: 20.263 min Scan# 2847

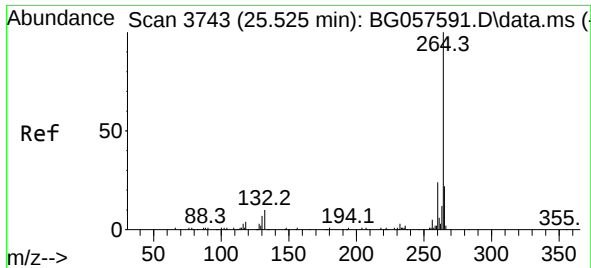
Delta R.T. -0.002 min

Lab File: BG057654.D

Acq: 7 Jun 2023 3:12

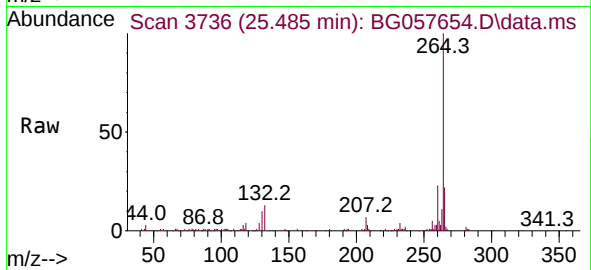
Tgt Ion:244 Resp: 659575
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 7.2 4.8 7.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.485 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG057654.D
Acq: 7 Jun 2023 3:12

Instrument :
BNA_G
ClientSampleId :
TP17-0A



Tgt Ion:264 Resp: 168319
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.2 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

