

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057478.D
 Acq On : 19 May 2023 22:18
 Operator : CG/JU
 Sample : 02848-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 20 04:30:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18286	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	73557	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	54897	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	137862	20.000	ng	# 0.00
76) Chrysene-d12	22.013	240	131878	20.000	ng	0.00
86) Perylene-d12	25.508	264	140873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	98011	91.687	ng	0.00
7) Phenol-d6	7.497	99	145331	89.529	ng	0.00
23) Nitrobenzene-d5	9.530	82	90501	51.639	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	72540	93.128	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	229621	56.333	ng	0.00
79) Terphenyl-d14	20.274	244	429667	53.169	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.596	79	3344	2.473	ng	98
32) Benzoic acid	10.481	122	24852m	37.495	ng	

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

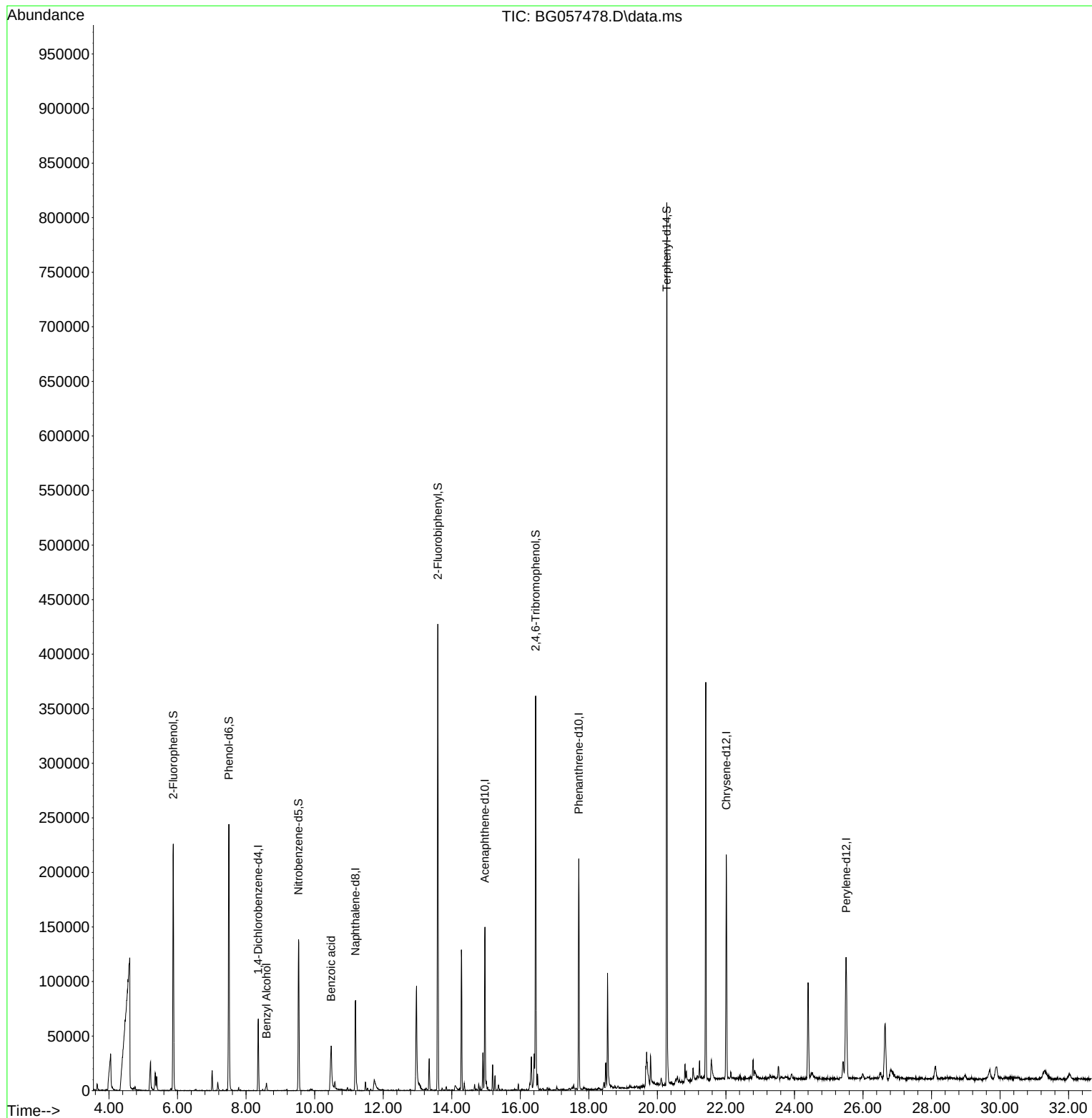
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057478.D
Acq On : 19 May 2023 22:18
Operator : CG/JU
Sample : 02848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

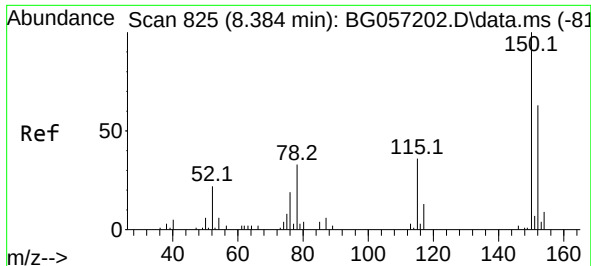
Instrument :
BNA_G
ClientSampleId :
TP4

Quant Time: May 20 04:30:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

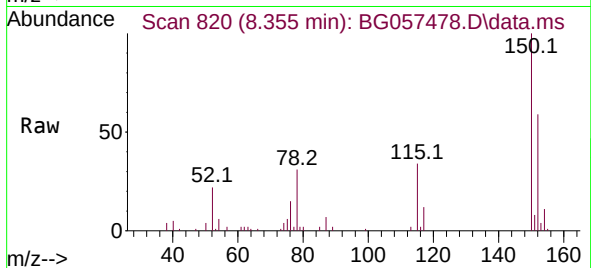
Reviewed By : Christian Giraldo 05/22/2023
Supervised By : Jagrut Upadhyay 05/22/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

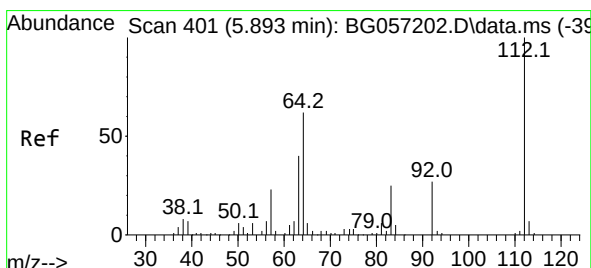
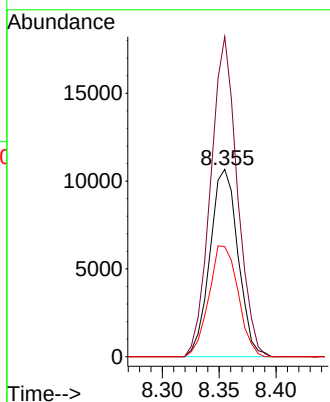
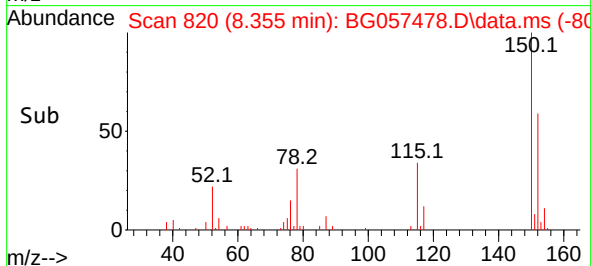
Instrument :
BNA_G
ClientSampleId :
TP4



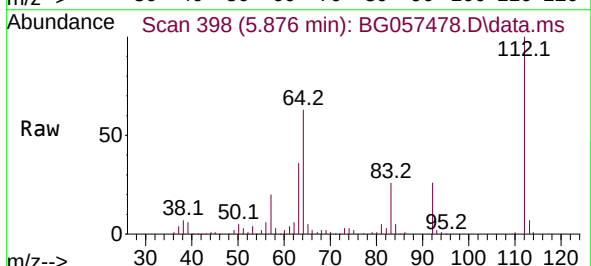
Tgt Ion:152 Resp: 18280
Ion Ratio Lower Upper
152 100
150 170.8 126.2 189.4
115 58.7 45.0 67.4

Manual Integrations
APPROVED

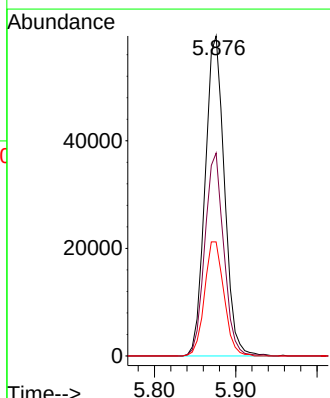
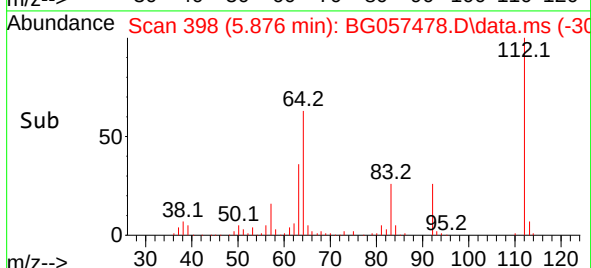
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

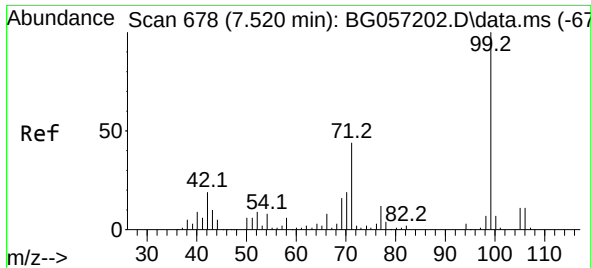


#5
2-Fluorophenol
Concen: 91.687 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18



Tgt Ion:112 Resp: 98011
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 35.7 31.6 47.4





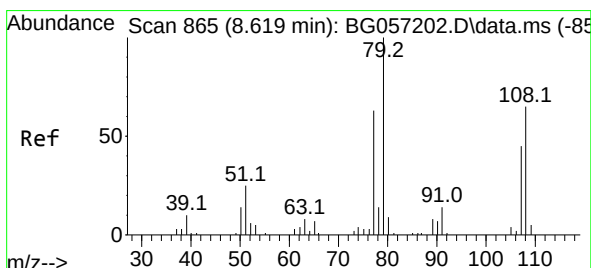
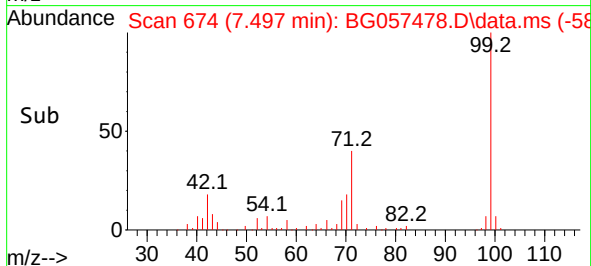
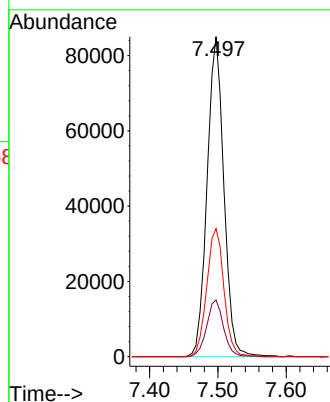
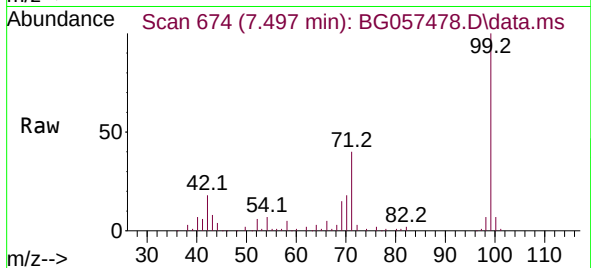
#7
Phenol-d6
Concen: 89.529 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Instrument :
BNA_G
ClientSampleId :
TP4

Tgt Ion: 99 Resp: 14533
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.1 35.2 52.8

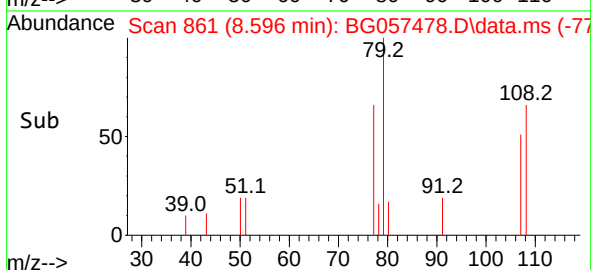
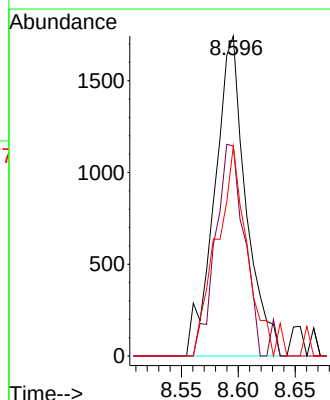
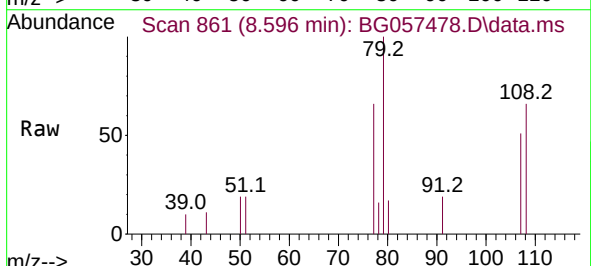
Manual Integrations
APPROVED

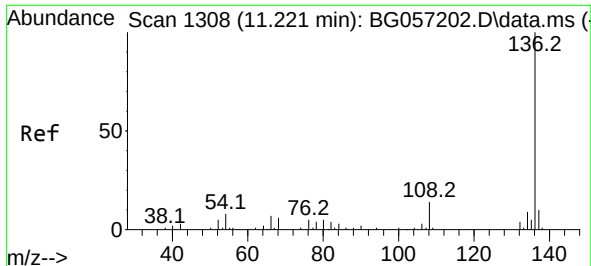
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#15
Benzyl Alcohol
Concen: 2.473 ng
RT: 8.596 min Scan# 861
Delta R.T. -0.001 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

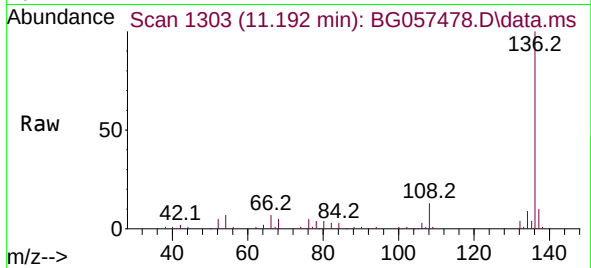
Tgt Ion: 79 Resp: 3344
Ion Ratio Lower Upper
79 100
108 65.6 52.2 78.2
77 65.6 50.1 75.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1119
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

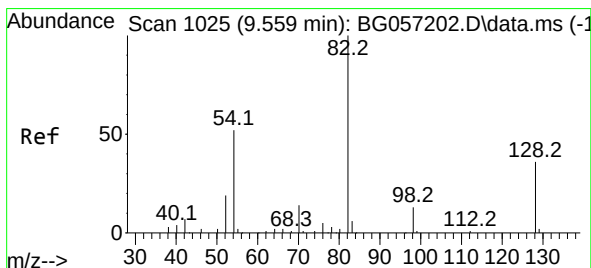
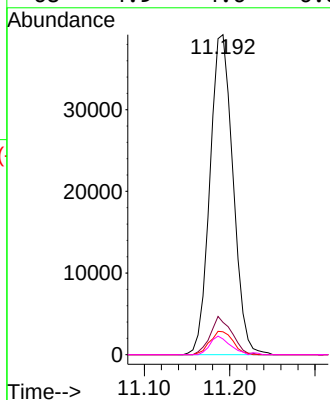
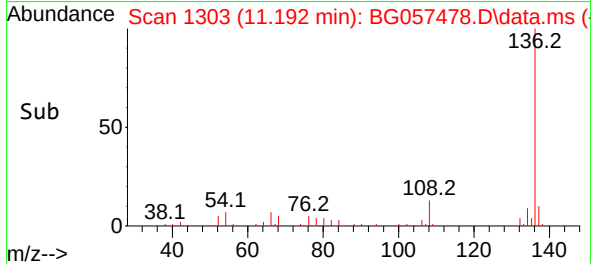
Instrument :
BNA_G
ClientSampleId :
TP4



Tgt Ion:136 Resp: 7355
Ion Ratio Lower Upper
136 100
137 10.1 8.3 12.5
54 7.2 6.7 10.1
68 4.9 4.6 6.8

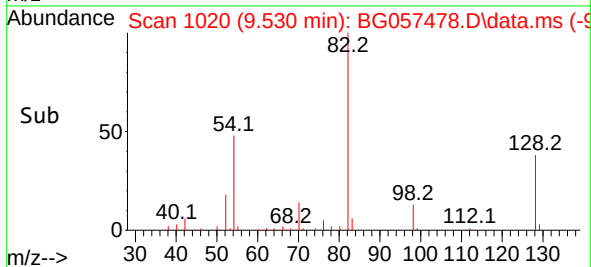
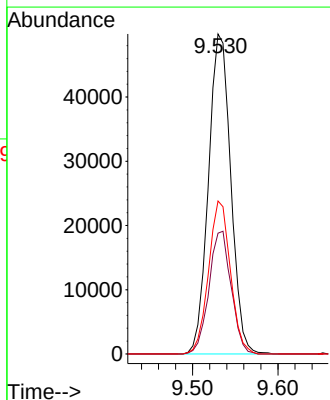
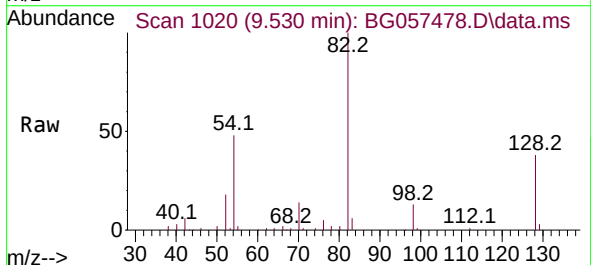
Manual Integrations
APPROVED

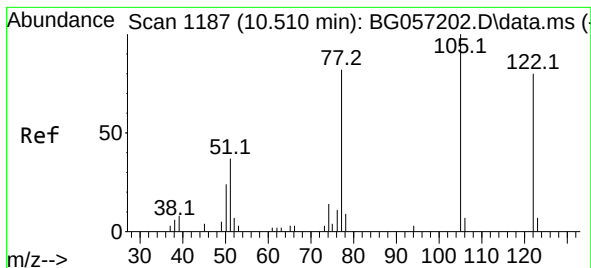
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#23
Nitrobenzene-d5
Concen: 51.639 ng
RT: 9.530 min Scan# 1020
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion: 82 Resp: 90501
Ion Ratio Lower Upper
82 100
128 37.8 29.0 43.4
54 47.8 41.4 62.0





#32

Benzoic acid

Concen: 37.495 ng m

RT: 10.481 min Scan# 1187

Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

Instrument :

BNA_G

ClientSampleId :

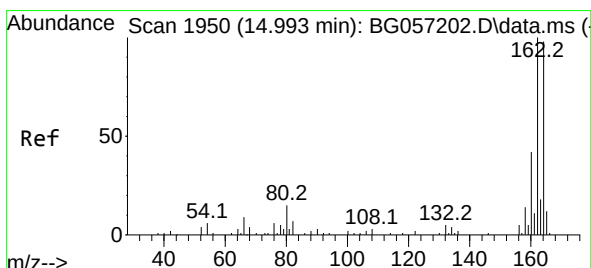
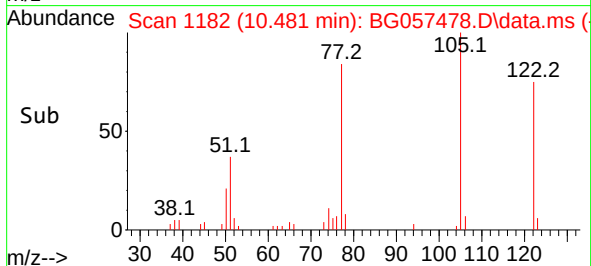
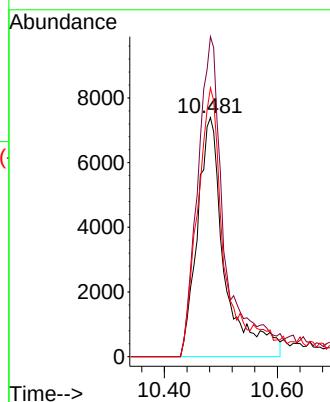
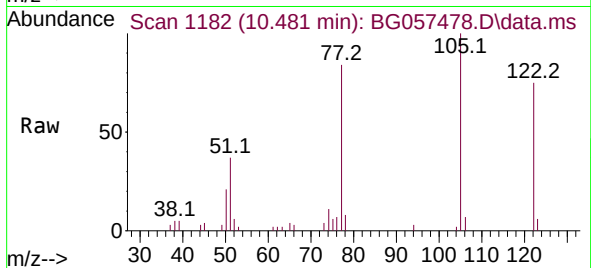
TP4

Tgt Ion:	122	Resp:	2485
Ion	Ratio	Lower	Upper
122	100		
105	133.8	105.2	145.2
77	112.4	83.1	123.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

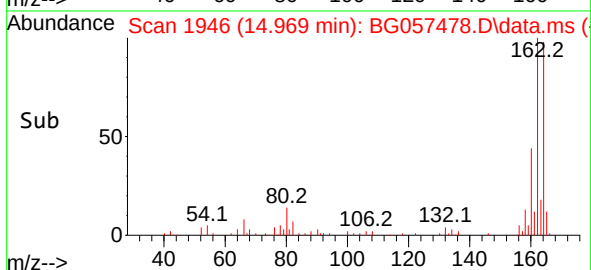
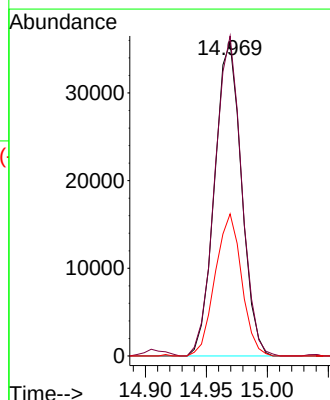
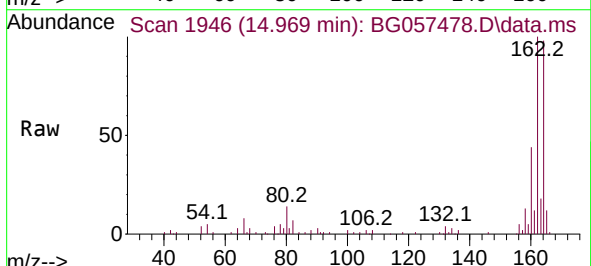
RT: 14.969 min Scan# 1946

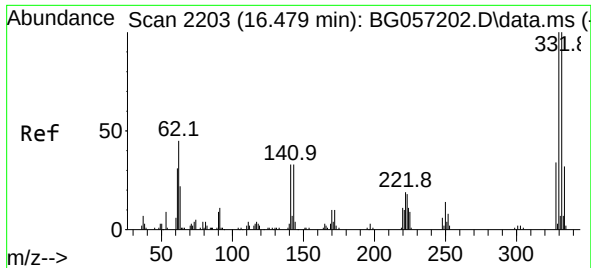
Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

Tgt Ion:	164	Resp:	54897
Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.3	34.6	52.0





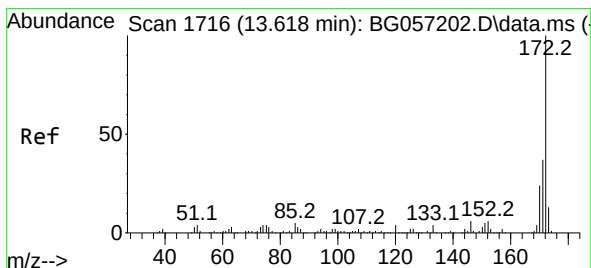
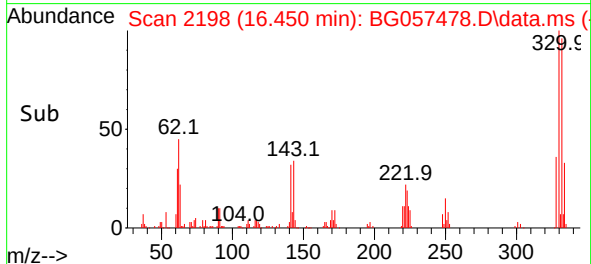
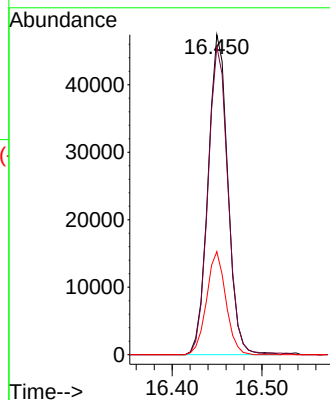
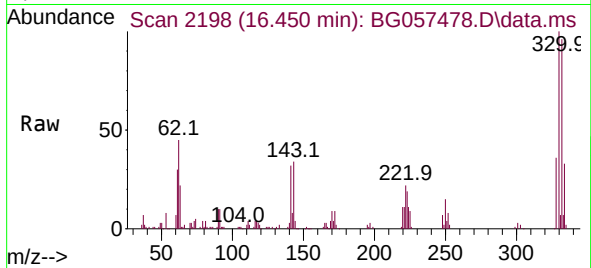
#42
2,4,6-Tribromophenol
Concen: 93.128 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Instrument :
BNA_G
ClientSampleId :
TP4

Tgt Ion:330 Resp: 72540
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.2
141 31.3 27.8 41.8

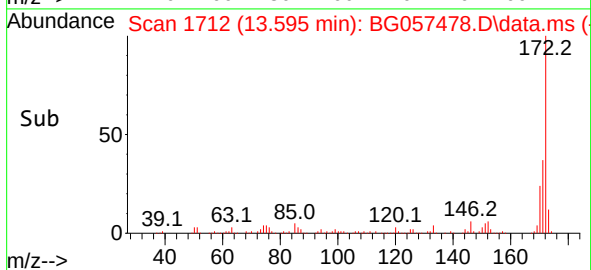
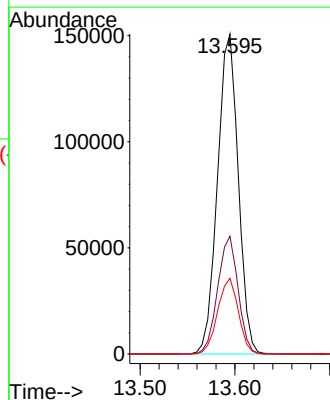
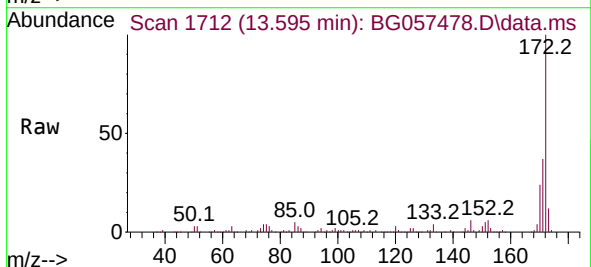
Manual Integrations
APPROVED

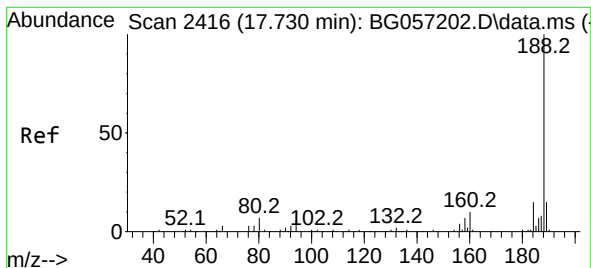
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#45
2-Fluorobiphenyl
Concen: 56.333 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion:172 Resp: 229621
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2416

Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

Instrument :

BNA_G

ClientSampleId :

TP4

Tgt Ion:188 Resp: 137862

Ion Ratio Lower Upper

188 100

94 5.0 5.1 7.7

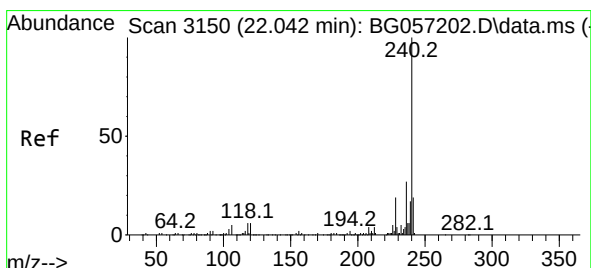
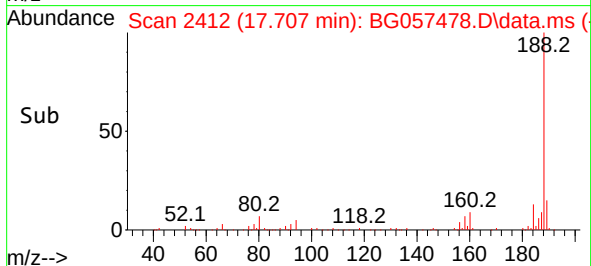
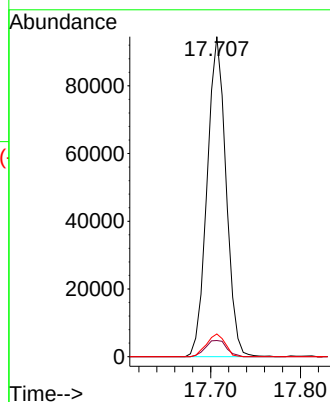
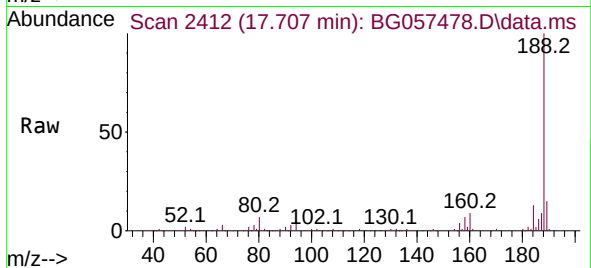
80 7.1 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.013 min Scan# 3145

Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

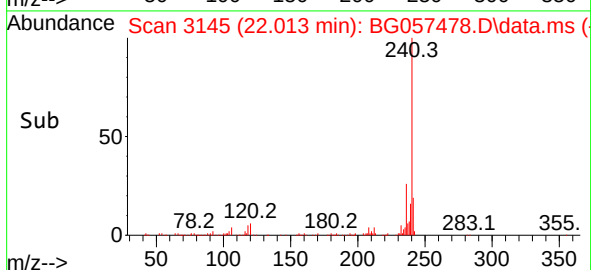
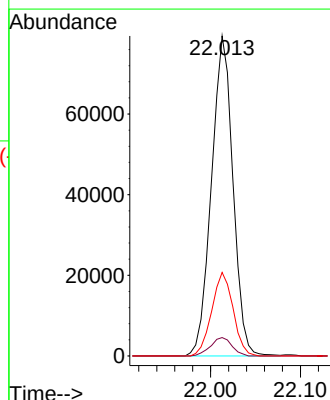
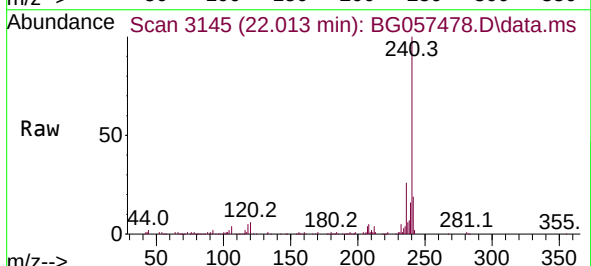
Tgt Ion:240 Resp: 131878

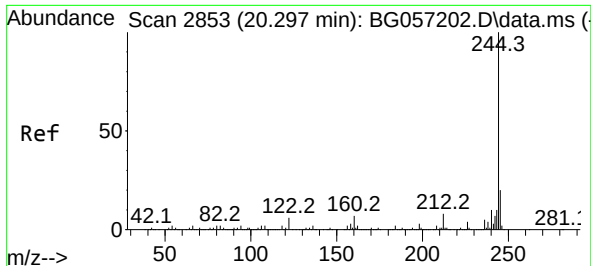
Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

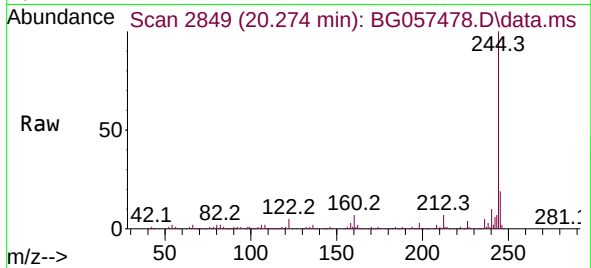
236 26.1 21.4 32.2





#79
 Terphenyl-d14
 Concen: 53.169 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057478.D
 Acq: 19 May 2023 22:18

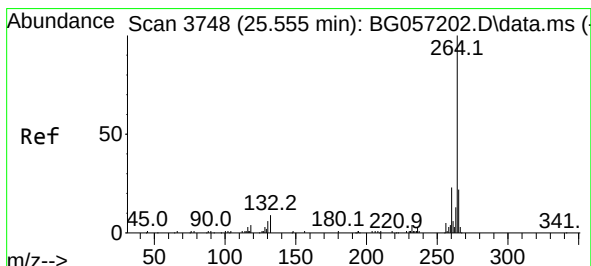
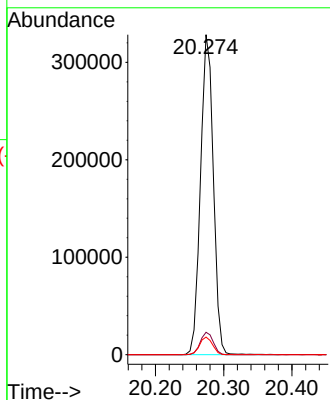
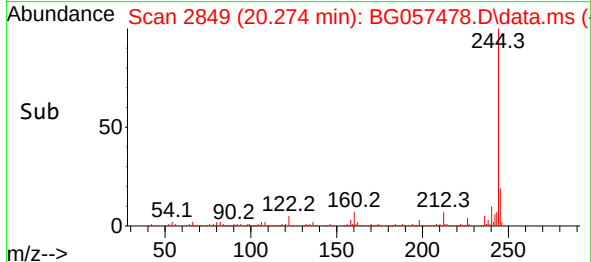
Instrument :
 BNA_G
 ClientSampleId :
 TP4



Tgt Ion:244 Resp: 42966
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.5 5.1 7.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.508 min Scan# 3740
 Delta R.T. -0.007 min
 Lab File: BG057478.D
 Acq: 19 May 2023 22:18

Tgt Ion:264 Resp: 140873
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.9 17.9 26.9

