

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053638.D
 Acq On : 19 May 2022 22:50
 Operator : CG/JU
 Sample : N2871-06 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS002-0006-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 20 03:58:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	40670	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	167135	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	111839	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	230244	20.000	ng	0.00
76) Chrysene-d12	21.733	240	195086	20.000	ng	0.00
86) Perylene-d12	25.011	264	184128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	16021m	6.685	ng	0.01
7) Phenol-d6	7.253	99	21506	5.913	ng	0.01
23) Nitrobenzene-d5	9.244	82	15542	3.958	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	7175m	4.350	ng	0.01
45) 2-Fluorobiphenyl	13.327	172	37106	4.848	ng	0.00
79) Terphenyl-d14	20.053	244	51120	4.880	ng	0.00

Target Compounds Qvalue

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

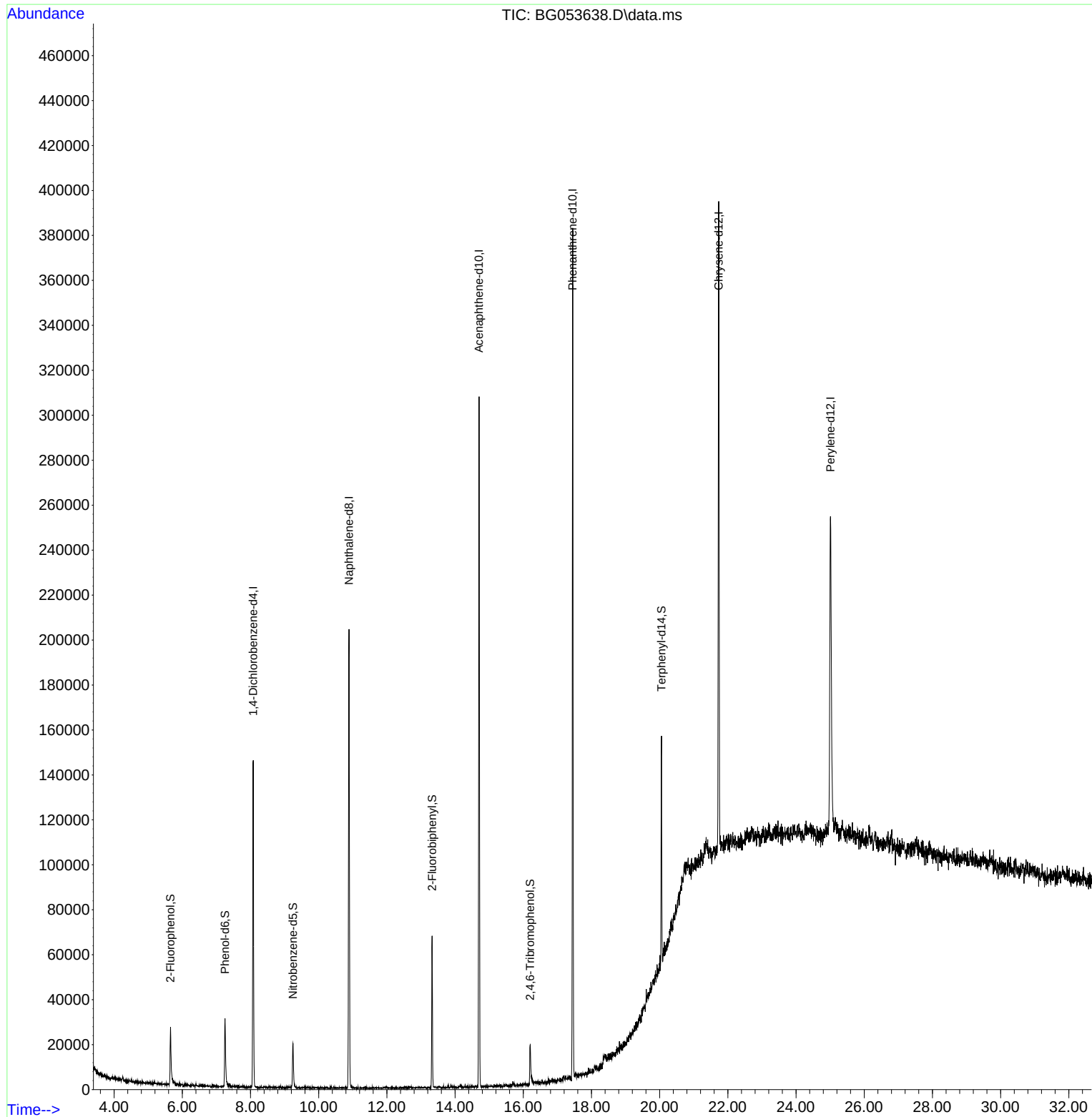
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
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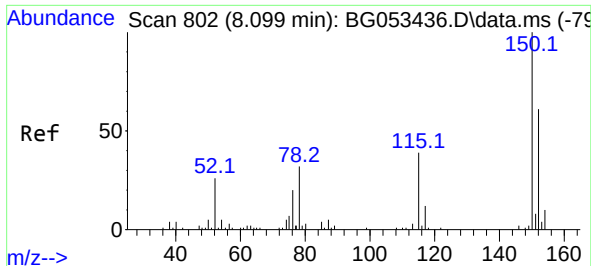
Instrument :
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Quant Time: May 20 03:58:38 2022
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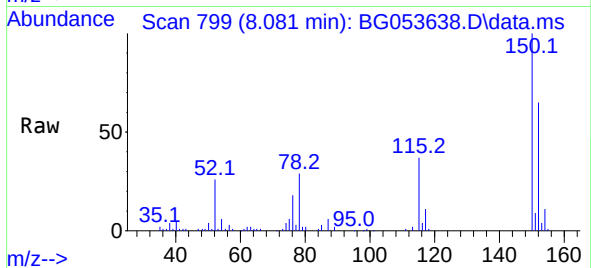
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 799
Delta R.T. 0.006 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50

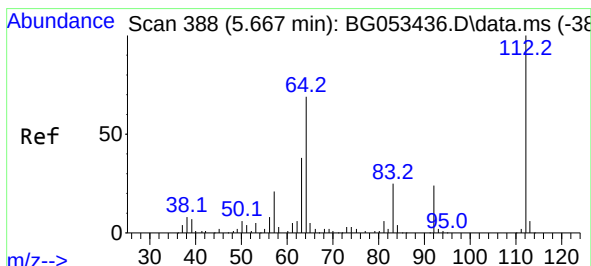
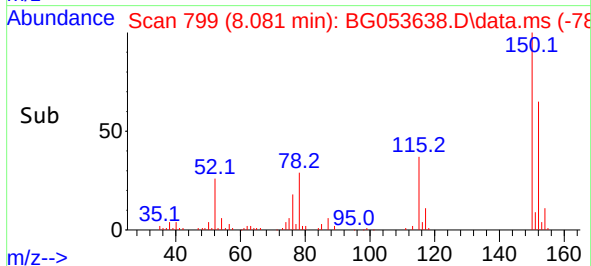
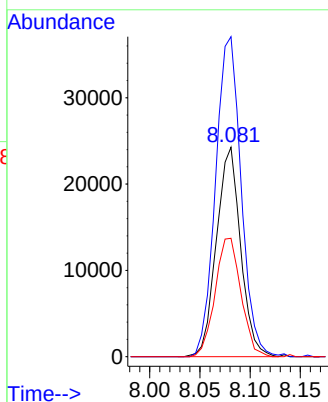
Instrument :
BNA_G
ClientSampleId :
P017-SS002-0006-01



Tgt Ion:152 Resp: 40670
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 56.6 50.9 76.3

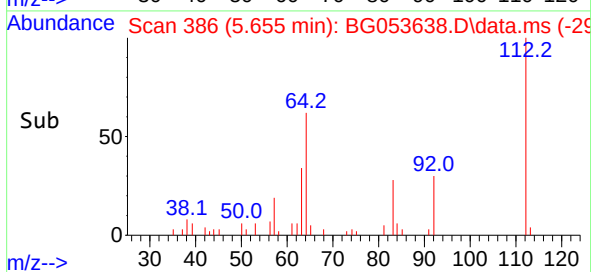
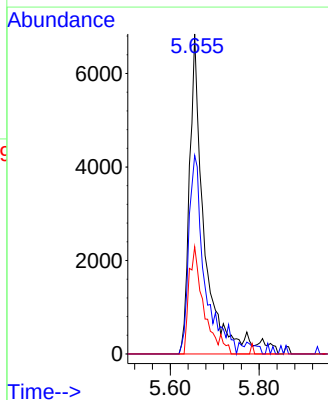
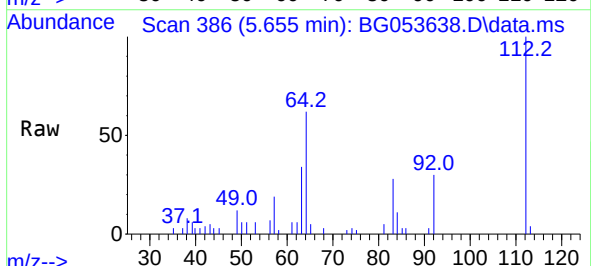
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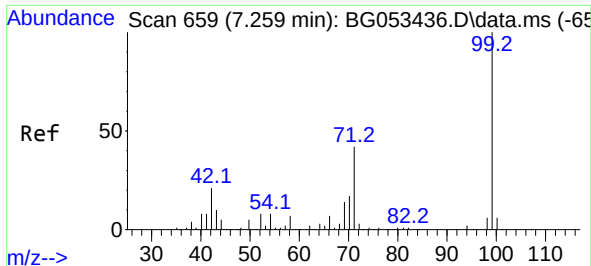
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#5
2-Fluorophenol
Concen: 6.685 ng m
RT: 5.655 min Scan# 386
Delta R.T. 0.012 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50

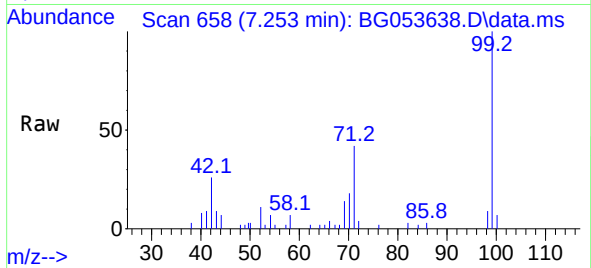
Tgt Ion:112 Resp: 16021
Ion Ratio Lower Upper
112 100
64 62.0 55.1 82.7
63 33.5 30.4 45.6





#7
Phenol-d6
Concen: 5.913 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.012 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50

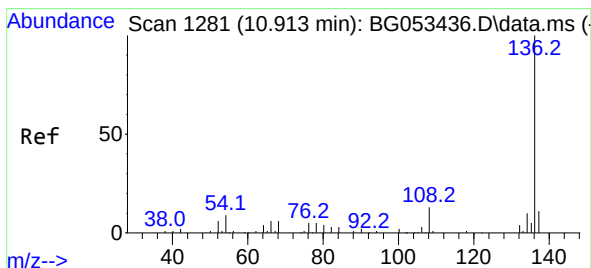
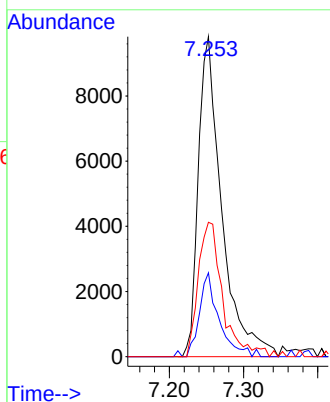
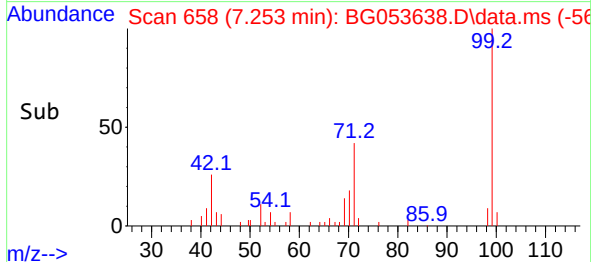
Instrument :
BNA_G
ClientSampleId :
P017-SS002-0006-01



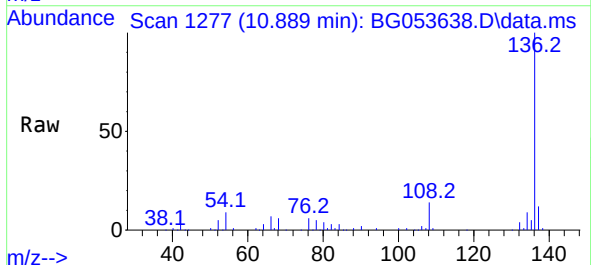
Tgt Ion: 99 Resp: 21500
Ion Ratio Lower Upper
99 100
42 26.2 17.0 25.6
71 42.0 33.8 50.8

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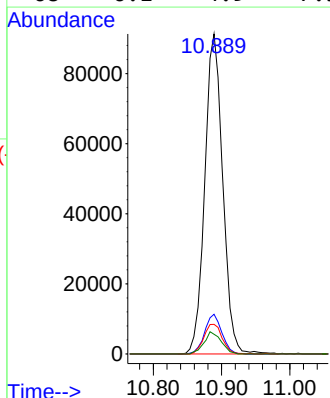
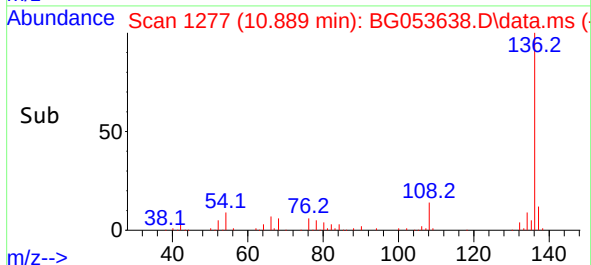
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

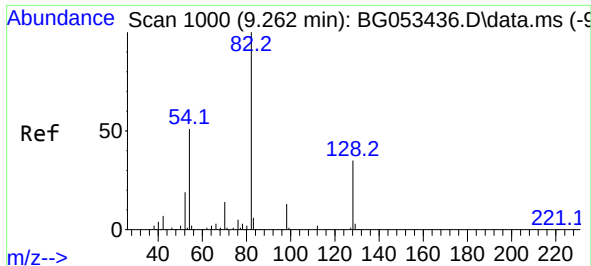


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50



Tgt Ion:136 Resp: 167135
Ion Ratio Lower Upper
136 100
137 12.4 8.5 12.7
54 9.2 7.4 11.2
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 3.958 ng

RT: 9.244 min Scan# 91

Delta R.T. 0.006 min

Lab File: BG053638.D

Acq: 19 May 2022 22:50

Instrument :

BNA_G

ClientSampleId :

P017-SS002-0006-01

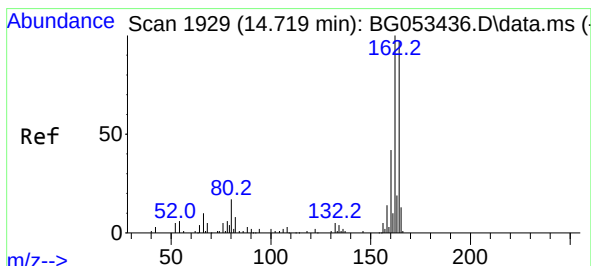
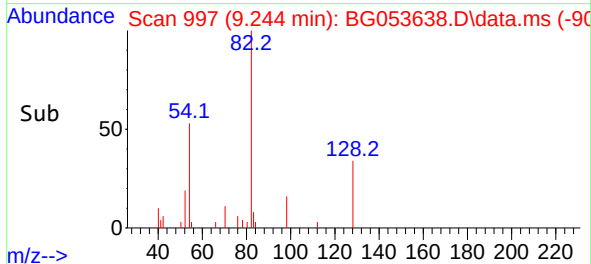
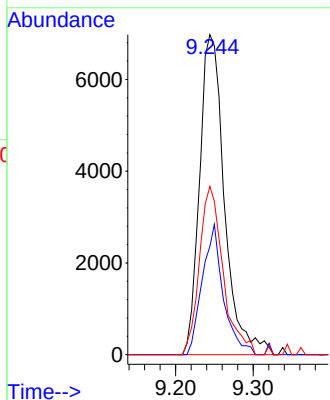
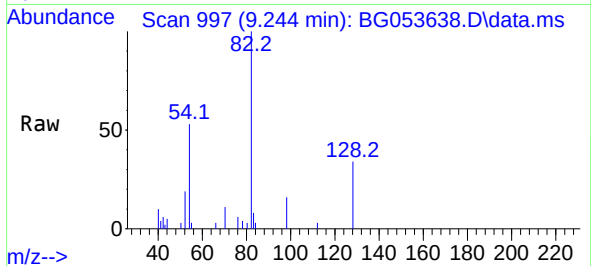
Tgt Ion: 82 Resp: 1554

Ion	Ratio	Lower	Upper
82	100		
128	33.8	27.9	41.9
54	52.6	41.2	61.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.701 min Scan# 1926

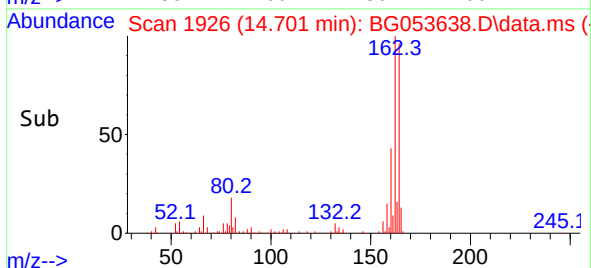
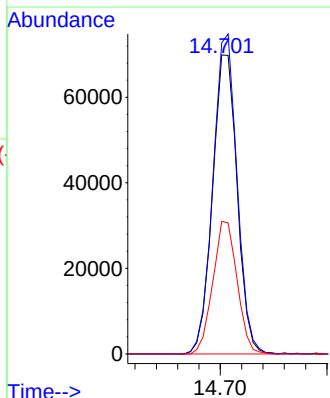
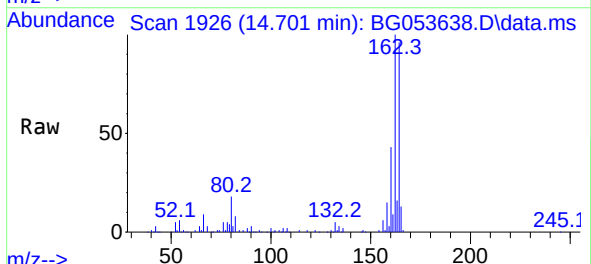
Delta R.T. 0.000 min

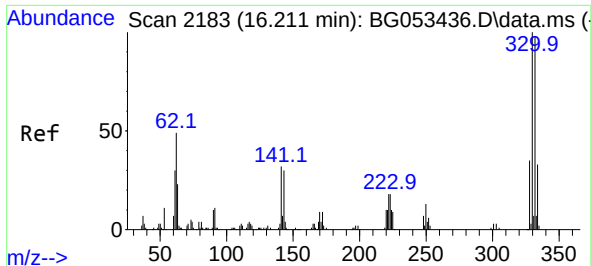
Lab File: BG053638.D

Acq: 19 May 2022 22:50

Tgt Ion:164 Resp: 111839

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.3	123.5
160	44.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 4.350 ng m

RT: 16.205 min Scan# 2182

Delta R.T. 0.012 min

Lab File: BG053638.D

Acq: 19 May 2022 22:50

Instrument :

BNA_G

ClientSampleId :

P017-SS002-0006-01

Tgt Ion:330 Resp: 717

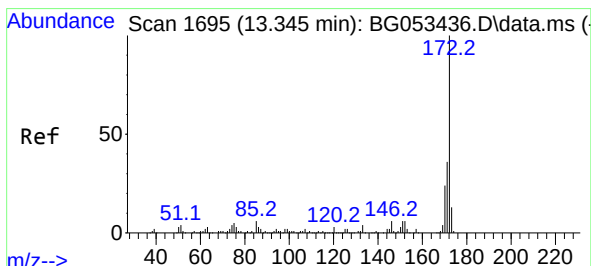
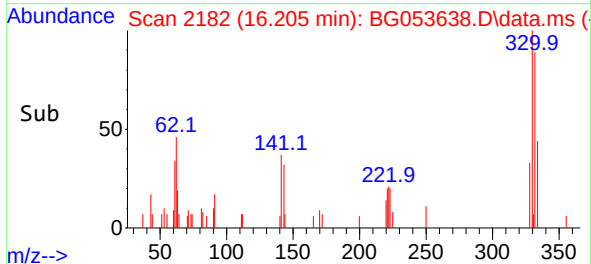
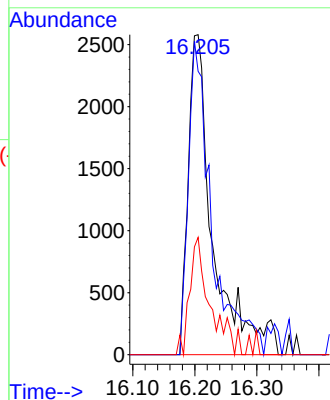
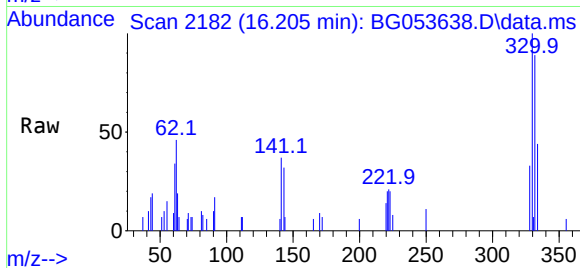
Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.0	114.0
141	30.5	27.1	40.7

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#45

2-Fluorobiphenyl

Concen: 4.848 ng

RT: 13.327 min Scan# 1692

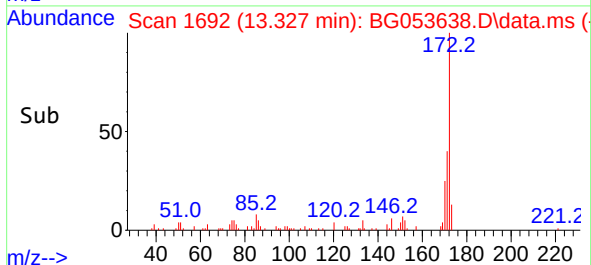
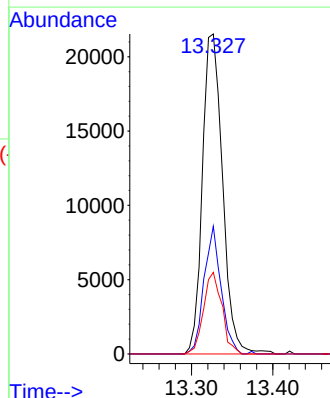
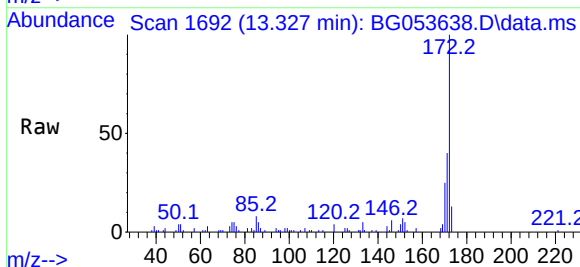
Delta R.T. 0.000 min

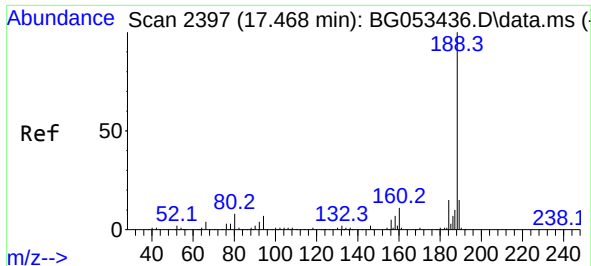
Lab File: BG053638.D

Acq: 19 May 2022 22:50

Tgt Ion:172 Resp: 37106

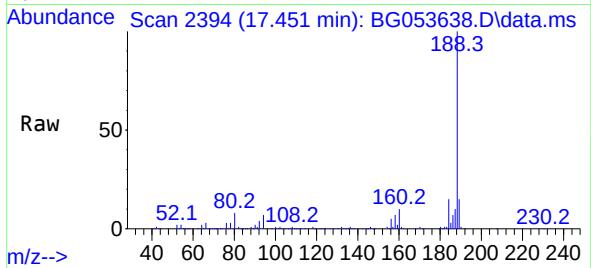
Ion	Ratio	Lower	Upper
172	100		
171	39.9	28.5	42.7
170	25.5	18.9	28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50

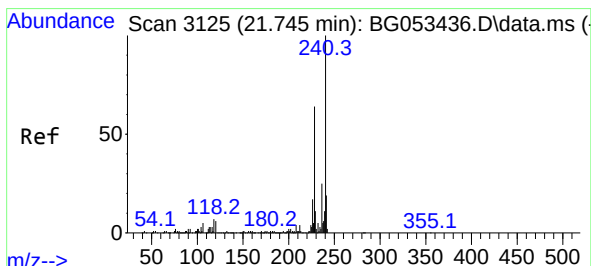
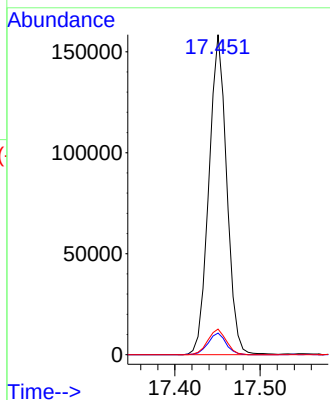
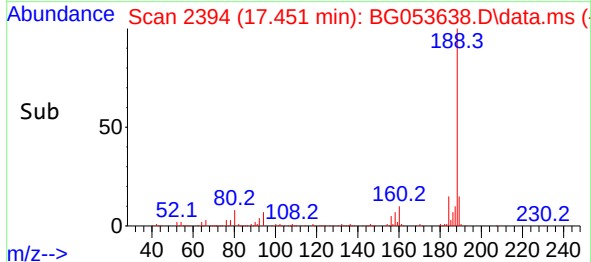
Instrument :
BNA_G
ClientSampleId :
P017-SS002-0006-01



Tgt Ion:188 Resp: 230244
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.0 6.8 10.2

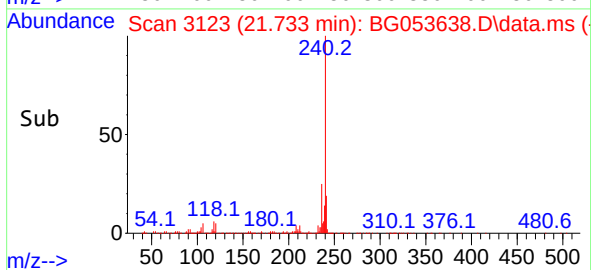
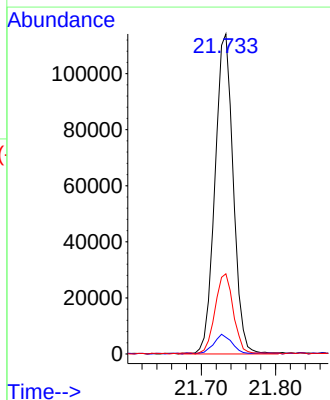
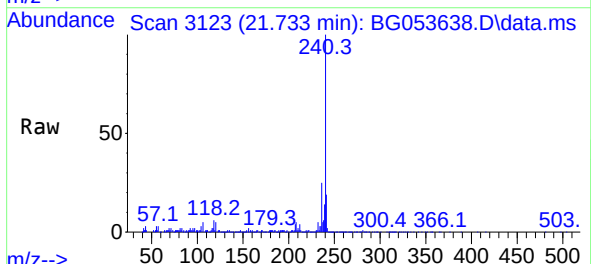
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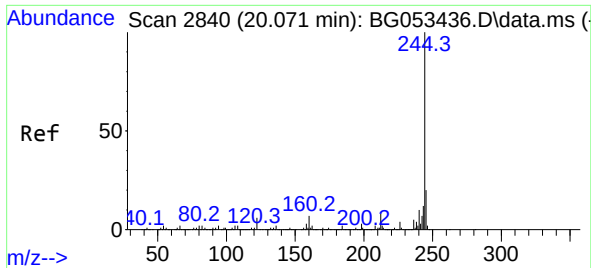
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG053638.D
Acq: 19 May 2022 22:50

Tgt Ion:240 Resp: 195086
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 25.0 20.2 30.4





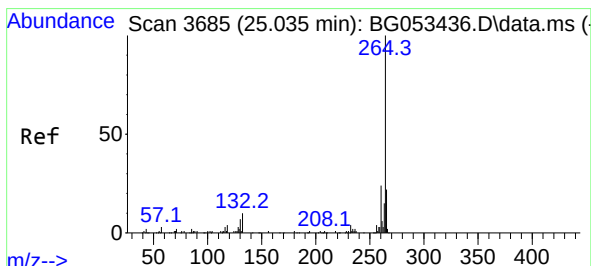
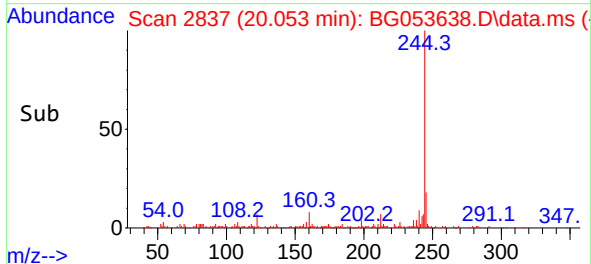
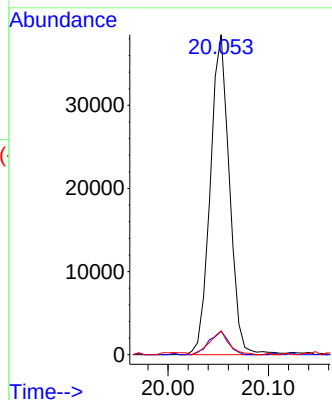
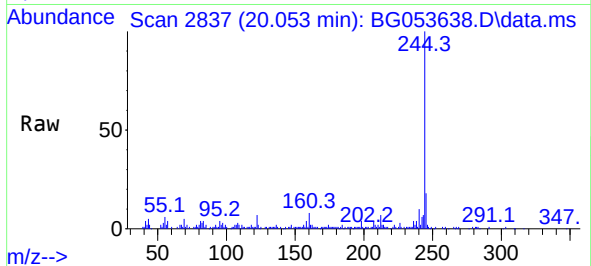
#79
 Terphenyl-d14
 Concen: 4.880 ng
 RT: 20.053 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: BG053638.D
 Acq: 19 May 2022 22:50

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS002-0006-01

Tgt Ion:	244	Resp:	51120
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.5	9.7
122	7.4	5.0	7.4

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 Supervised By :Jagrut Upadhyay 05/20/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3681
 Delta R.T. 0.006 min
 Lab File: BG053638.D
 Acq: 19 May 2022 22:50

Tgt Ion:	264	Resp:	184128
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.0	28.6
265	22.5	17.4	26.2

