

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053716.D
 Acq On : 26 May 2022 14:23
 Operator : CG/JU
 Sample : N2943-19DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP051822DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/27/2022
 Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 26 15:59:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	24387	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	95339	20.000	ng	-0.01
39) Acenaphthene-d10	14.620	164	71341	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	165007	20.000	ng	-0.01
76) Chrysene-d12	21.628	240	171489	20.000	ng	-0.01
86) Perylene-d12	24.830	264	178162	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	30346	21.118	ng	0.00
7) Phenol-d6	7.165	99	25768	11.816	ng	0.00
23) Nitrobenzene-d5	9.145	82	74395	33.217	ng	-0.01
42) 2,4,6-Tribromophenol	16.112	330	56992	54.165	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	172833	35.401	ng	0.00
79) Terphenyl-d14	19.972	244	312302	33.918	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.843	128	563066	116.104	ng	99
37) 2-Methylnaphthalene	12.447	142	172038	47.535	ng	97
38) 1-Methylnaphthalene	12.670	142	116716m	33.054	ng	

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

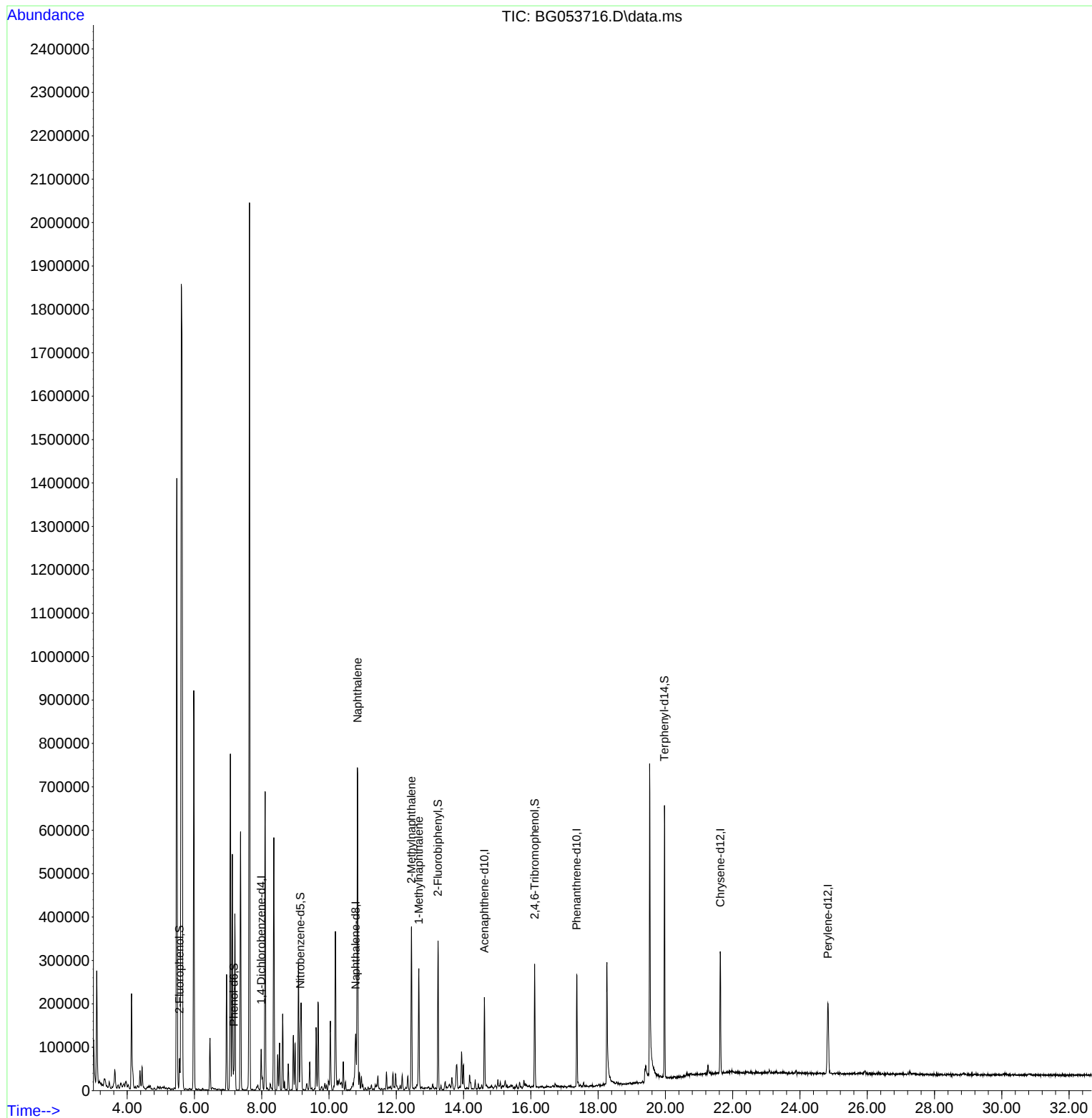
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
Data File : BG053716.D
Acq On : 26 May 2022 14:23
Operator : CG/JU
Sample : N2943-19DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

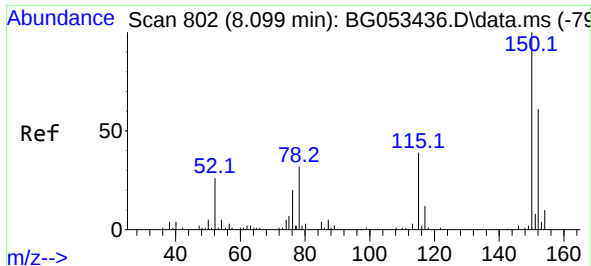
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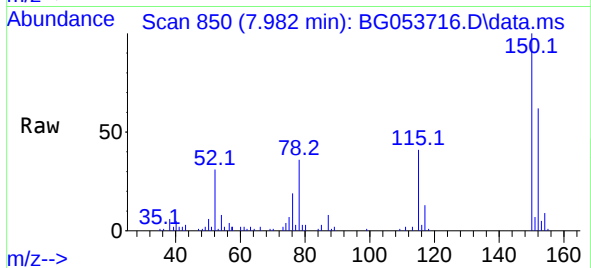
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

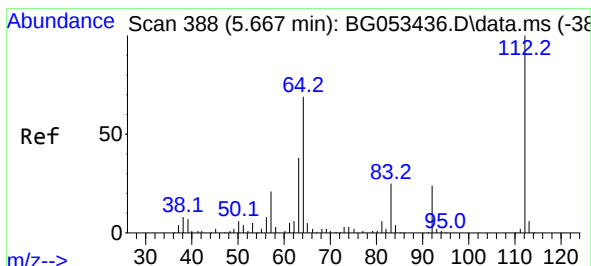
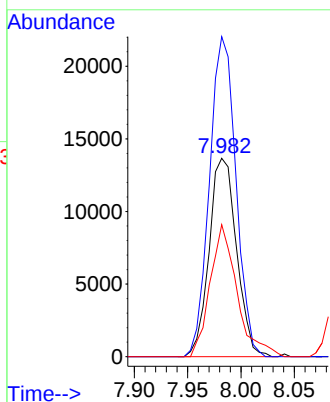
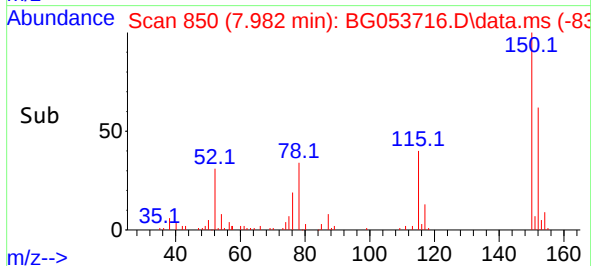
DUP051822DL



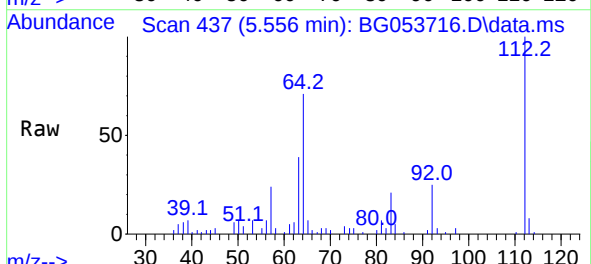
Tgt Ion:152 Resp: 2438
Ion Ratio Lower Upper
152 100
150 161.3 131.6 197.4
115 66.6 50.9 76.3

Manual Integrations
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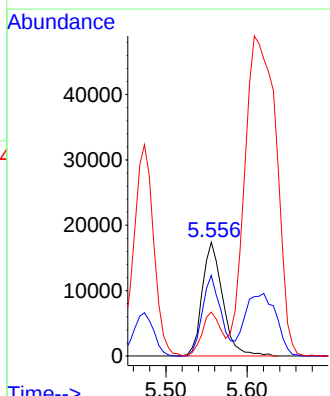
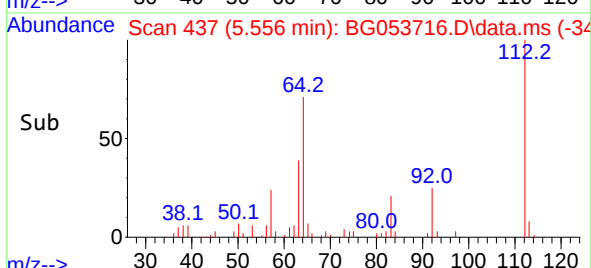
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

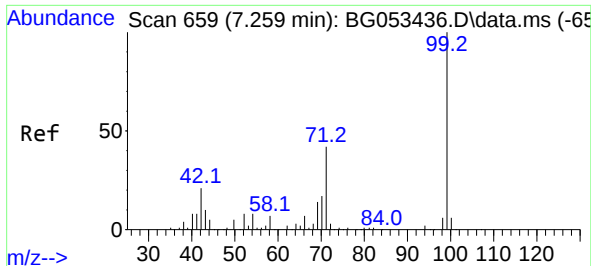


#5
2-Fluorophenol
Concen: 21.118 ng
RT: 5.556 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23



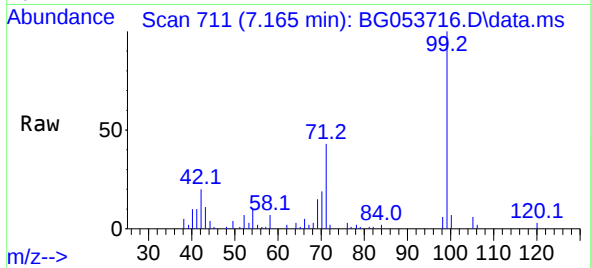
Tgt Ion:112 Resp: 30346
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 38.6 30.4 45.6





#7
Phenol-d6
Concen: 11.816 ng
RT: 7.165 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

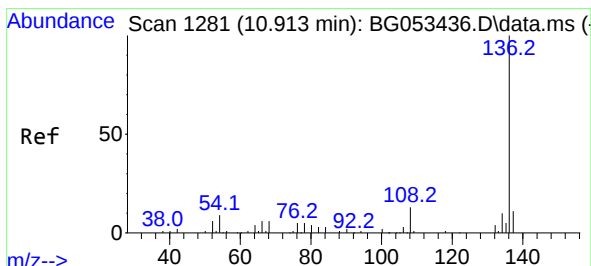
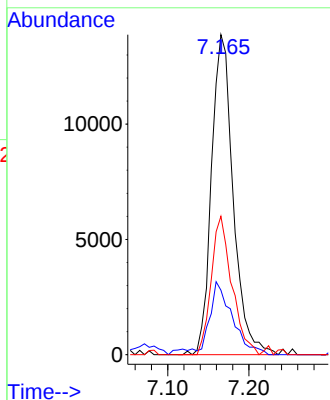
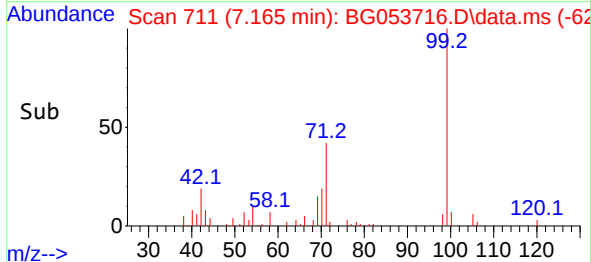
Instrument :
BNA_G
ClientSampleId :
DUP051822DL



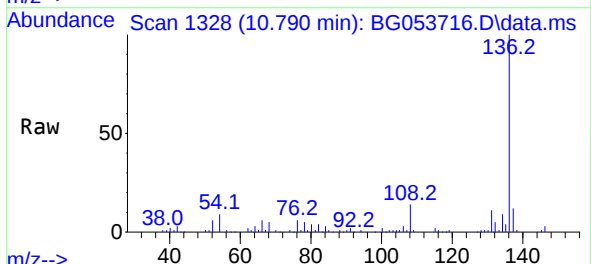
Tgt Ion: 99 Resp: 2576
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 43.3 33.8 50.8

Manual Integrations
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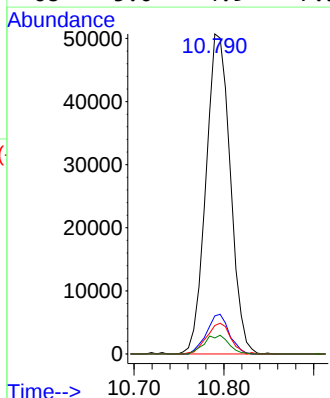
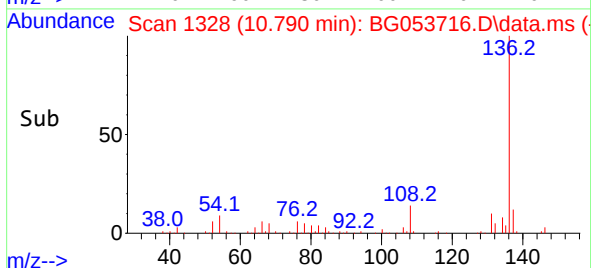
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23



Tgt Ion:136 Resp: 95339
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 8.9 7.4 11.2
68 5.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 33.217 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

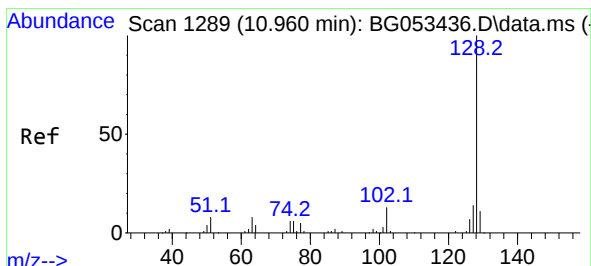
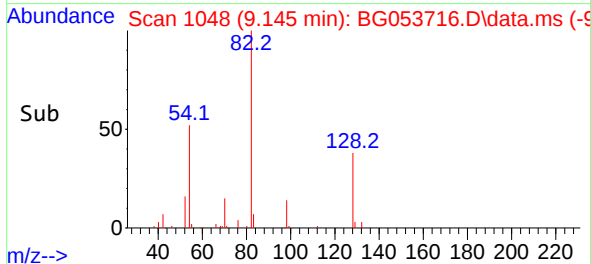
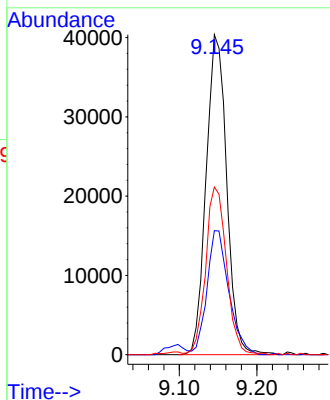
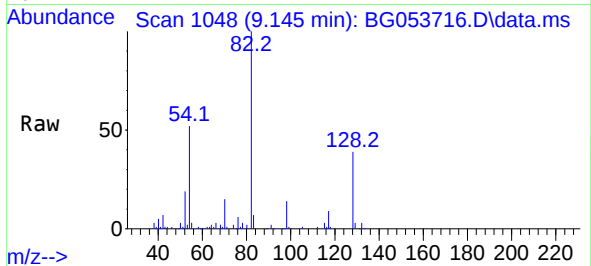
DUP051822DL

Tgt Ion: 82 Resp: 74395
Ion Ratio Lower Upper
82 100
128 38.8 27.9 41.9
54 52.4 41.2 61.8

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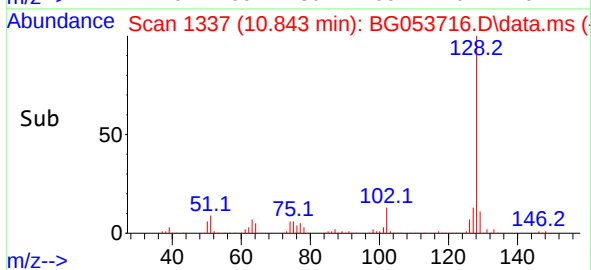
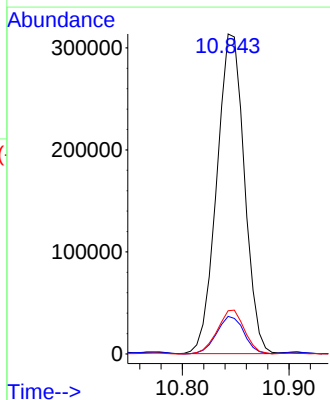
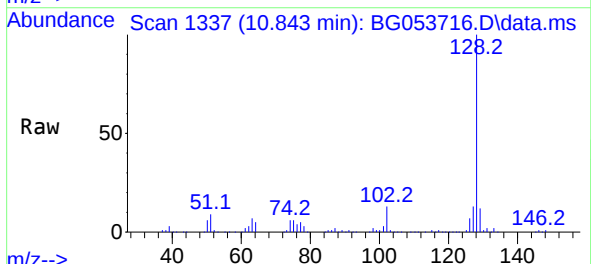
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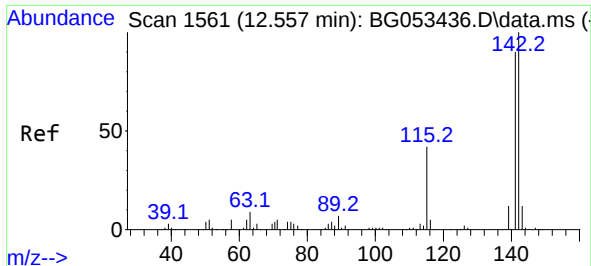
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022



#31
Naphthalene
Concen: 116.104 ng
RT: 10.843 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Tgt Ion:128 Resp: 563066
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.5 11.1 16.7





#37

2-Methylnaphthalene

Concen: 47.535 ng

RT: 12.447 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL

Tgt Ion:142 Resp: 172038

Ion Ratio Lower Upper

142 100

141 87.1 72.3 108.5

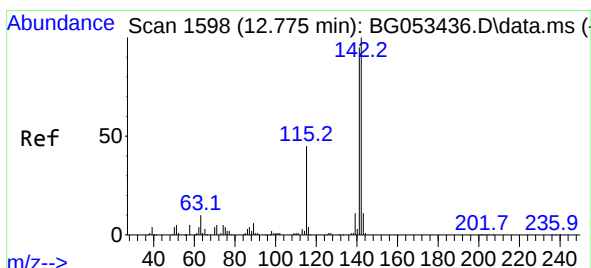
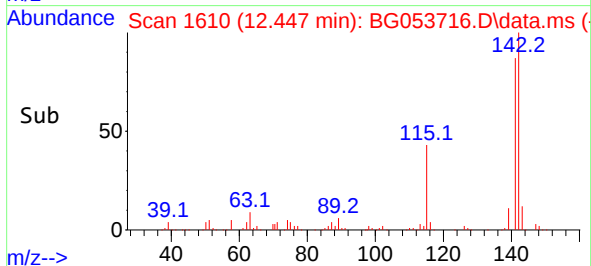
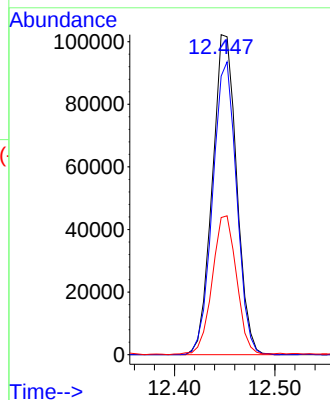
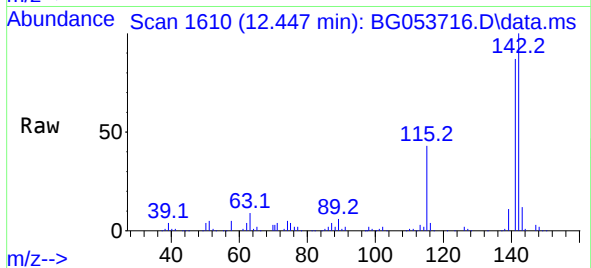
115 42.9 33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/27/2022

Supervised By :Jagrut Upadhyay 05/27/2022



#38

1-Methylnaphthalene

Concen: 33.054 ng m

RT: 12.670 min Scan# 1648

Delta R.T. -0.004 min

Lab File: BG053716.D

Acq: 26 May 2022 14:23

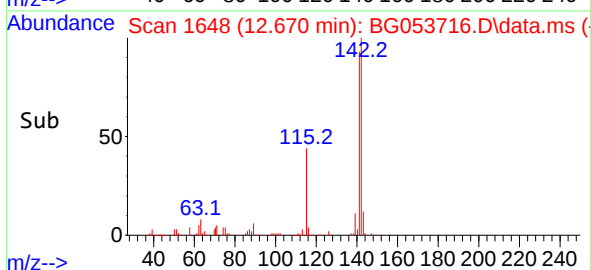
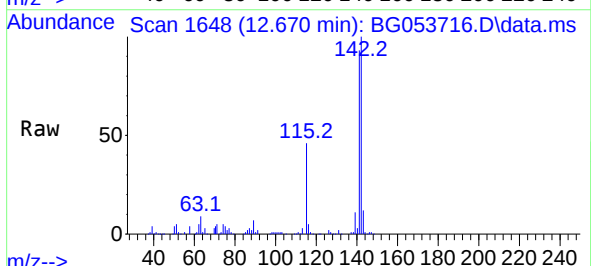
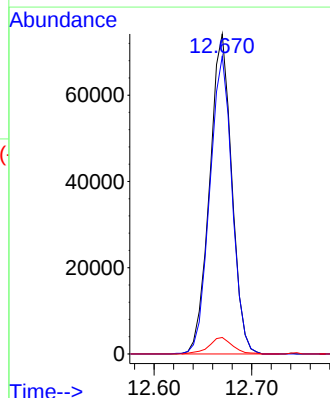
Tgt Ion:142 Resp: 116716

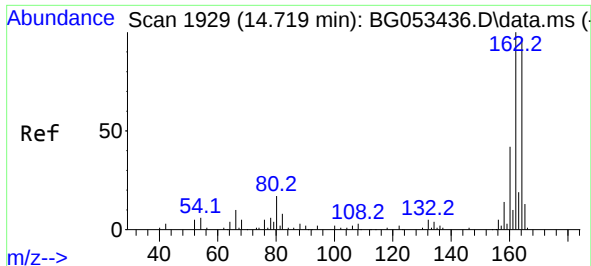
Ion Ratio Lower Upper

142 100

141 93.1 76.4 114.6

116 5.2 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.620 min Scan# 1929

Delta R.T. -0.004 min

Lab File: BG053716.D

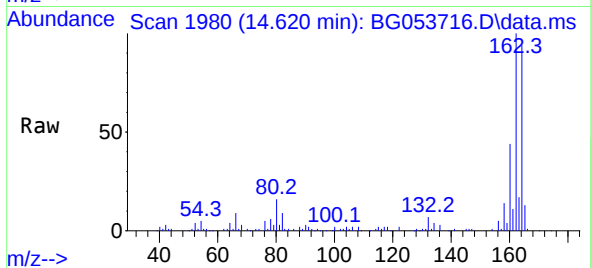
Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL



Tgt Ion:164 Resp: 7134

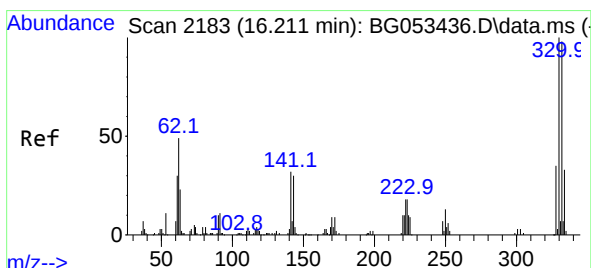
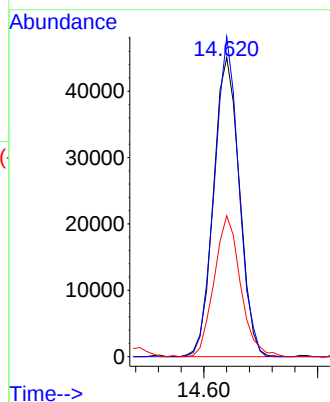
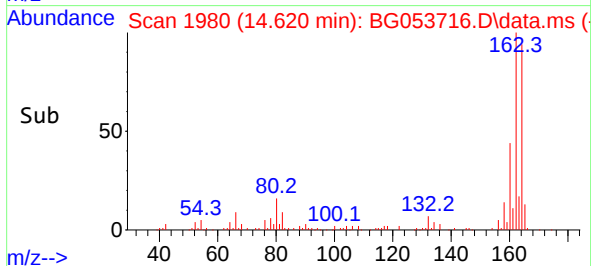
Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.3	123.5
160	47.1	34.2	51.2

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 54.165 ng

RT: 16.112 min Scan# 2234

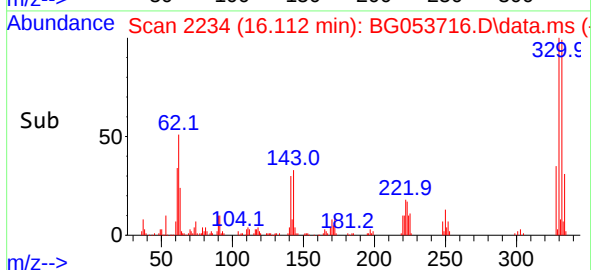
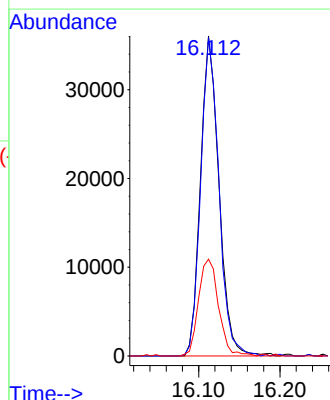
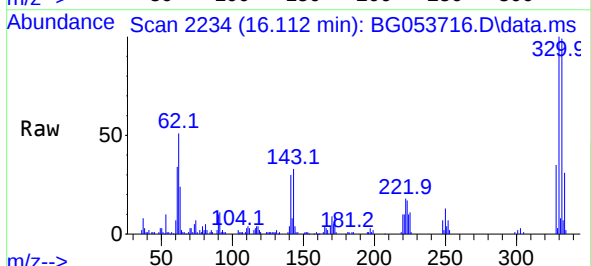
Delta R.T. -0.004 min

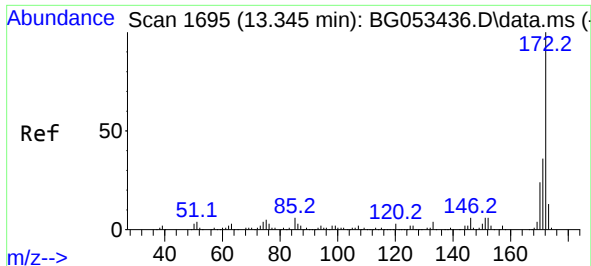
Lab File: BG053716.D

Acq: 26 May 2022 14:23

Tgt Ion:330 Resp: 56992

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	32.7	27.1	40.7





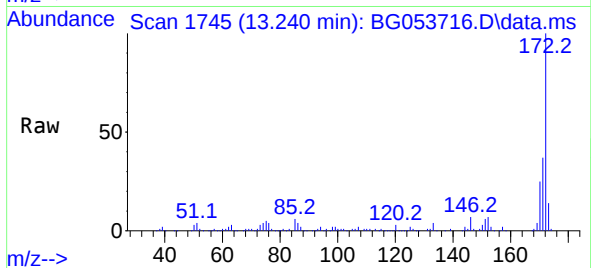
#45
2-Fluorobiphenyl
Concen: 35.401 ng
RT: 13.240 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DUP051822DL

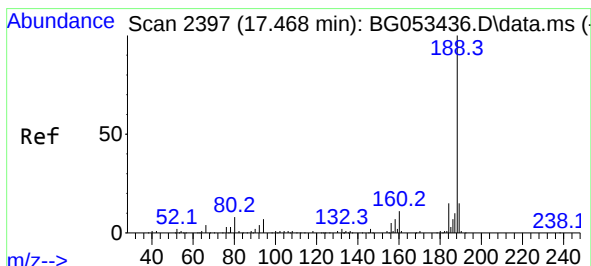
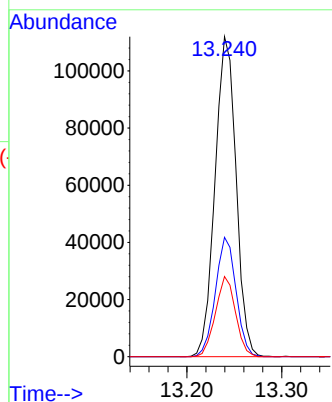
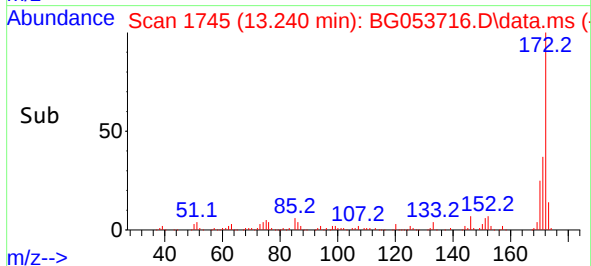


Tgt Ion:172 Resp: 17283
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 25.0 18.9 28.3

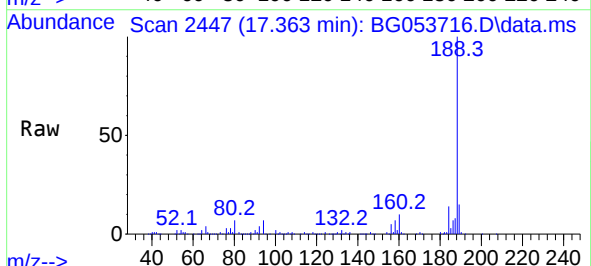
Manual Integrations

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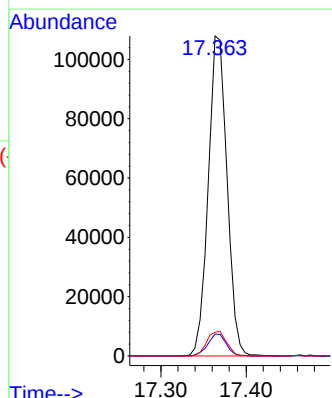
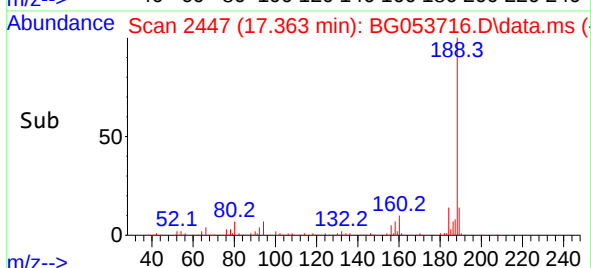
Reviewed By :Christian Giraldo 05/27/2022
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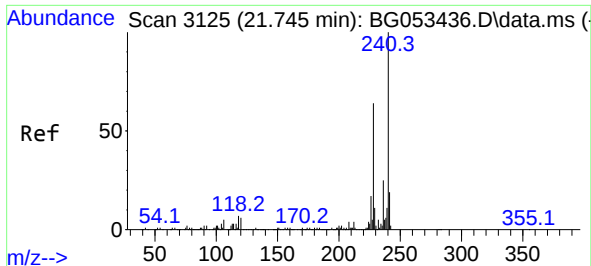


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2447
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23



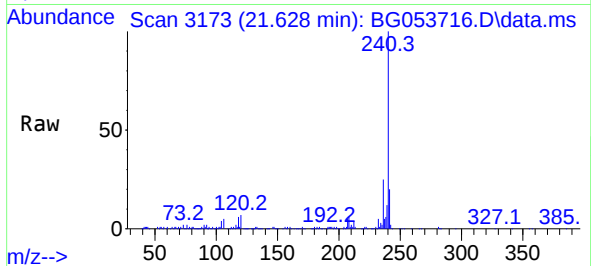
Tgt Ion:188 Resp: 165007
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.4 6.8 10.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23

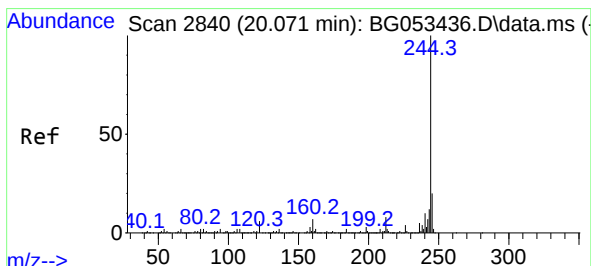
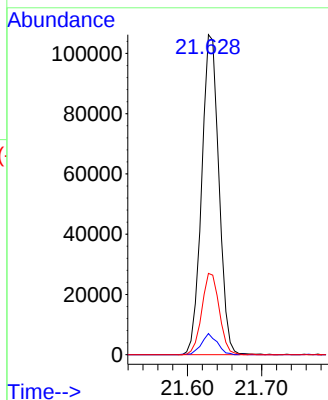
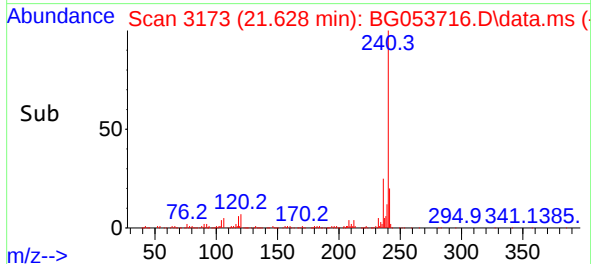
Instrument :
BNA_G
ClientSampleId :
DUP051822DL



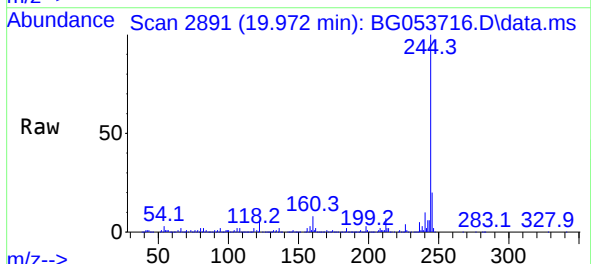
Tgt Ion:240 Resp: 171489
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.4 20.2 30.4

Manual Integrations
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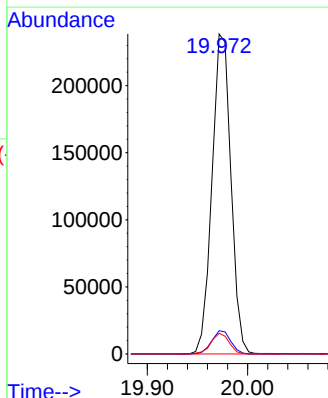
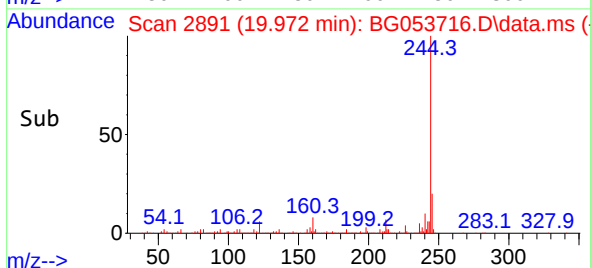
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

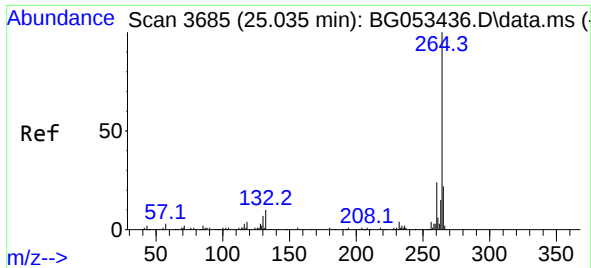


#79
Terphenyl-d14
Concen: 33.918 ng
RT: 19.972 min Scan# 2891
Delta R.T. -0.004 min
Lab File: BG053716.D
Acq: 26 May 2022 14:23



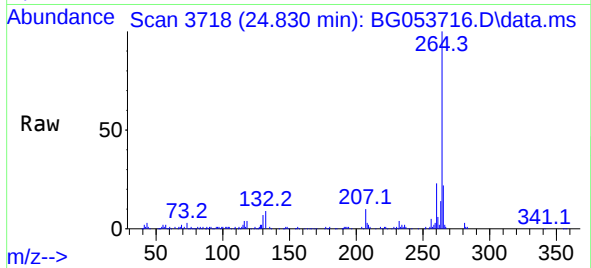
Tgt Ion:244 Resp: 312302
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG053716.D
 Acq: 26 May 2022 14:23

Instrument :
 BNA_G
 ClientSampleId :
 DUP051822DL



Tgt Ion:264 Resp: 178162
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.5 17.4 26.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/27/2022
 Supervised By :Jagrut Upadhyay 05/27/2022

