

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056549.D
 Acq On : 3 Feb 2023 21:58
 Operator : CG/JU
 Sample : 01401-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:14:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	55313	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	192257	20.000	ng	0.00
39) Acenaphthene-d10	14.894	164	127368	20.000	ng	0.00
64) Phenanthrene-d10	17.638	188	282792	20.000	ng	0.00
76) Chrysene-d12	21.927	240	273006	20.000	ng	0.00
86) Perylene-d12	25.370	264	261119	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	41100	13.669	ng	0.00
7) Phenol-d6	7.421	99	55110	12.370	ng	0.00
23) Nitrobenzene-d5	9.448	82	31235	9.226	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	20687	12.217	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	94624	10.300	ng	0.00
79) Terphenyl-d14	20.212	244	150358	9.673	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.671	202	39919	2.137	ng	97
78) Pyrene	20.030	202	46340m	2.387	ng	

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

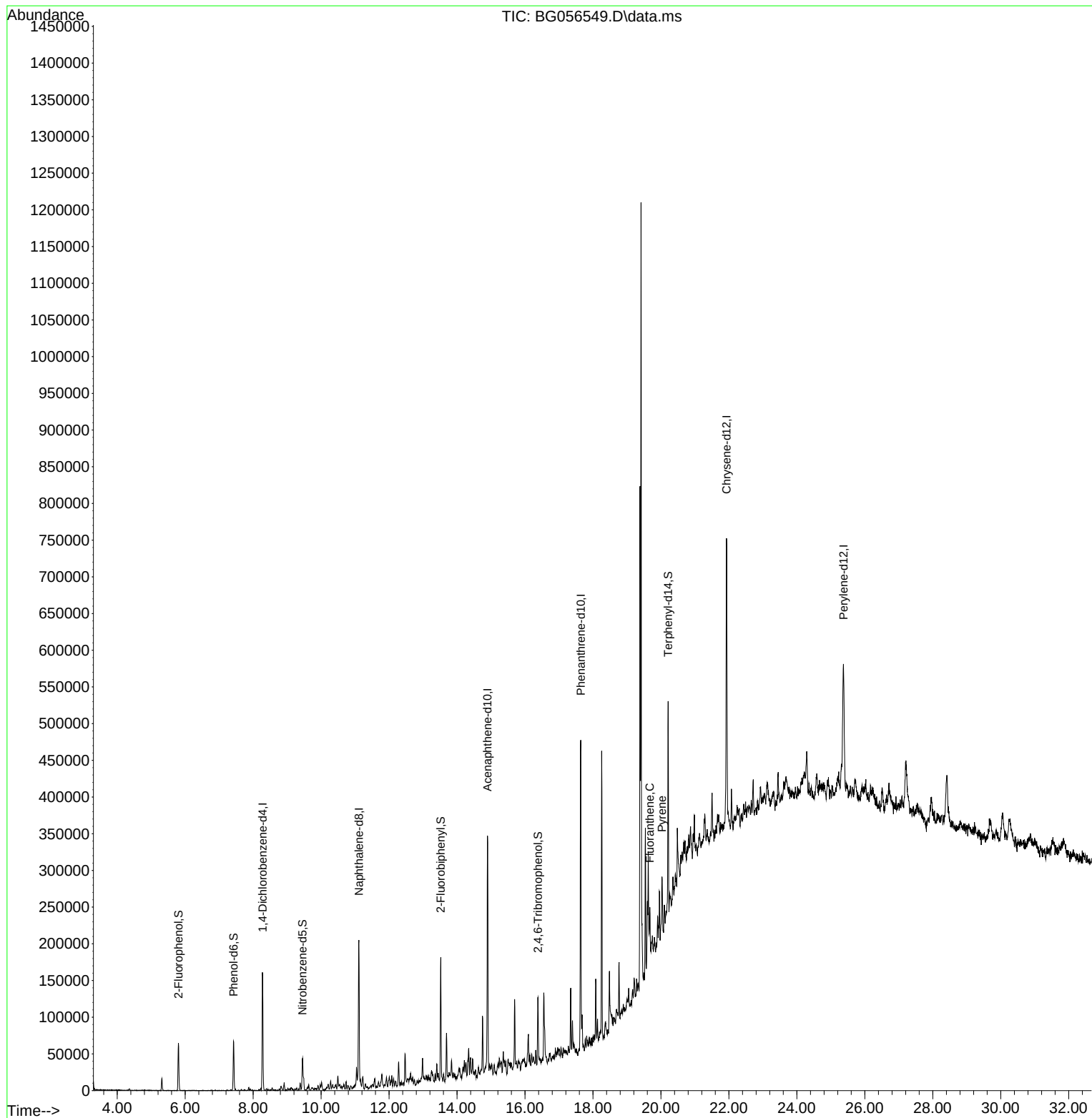
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056549.D
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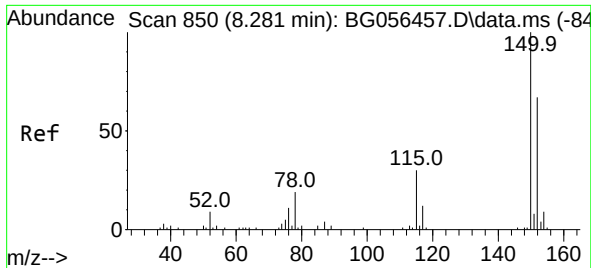
Instrument :
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ClientSampleId :
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Quant Time: Feb 04 05:14:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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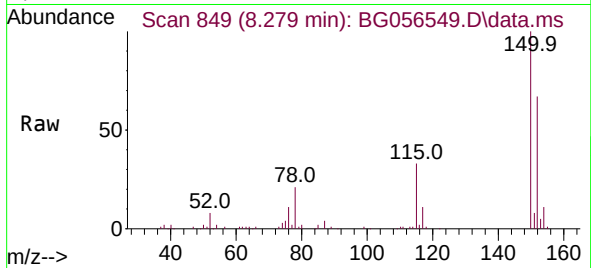
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.279 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

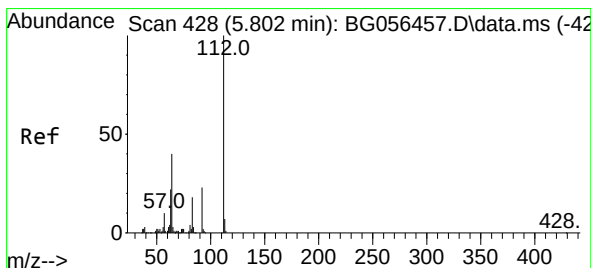
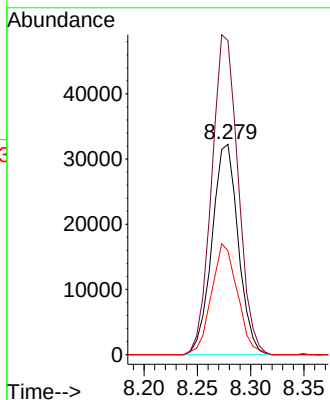
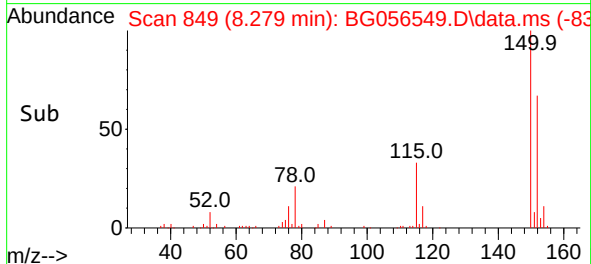
Instrument :
BNA_G
ClientSampleId :
OK-1-212023



Tgt Ion:152 Resp: 5531
Ion Ratio Lower Upper
152 100
150 149.3 120.2 180.4
115 49.4 36.3 54.5

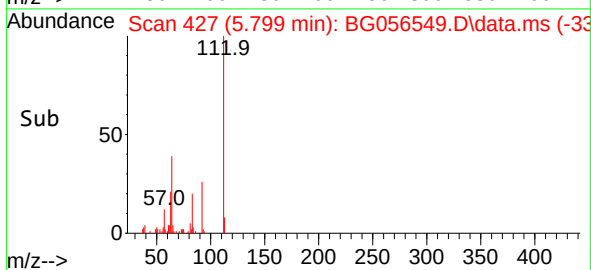
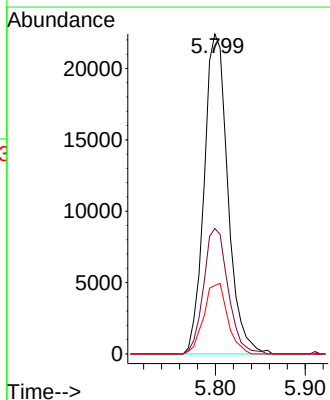
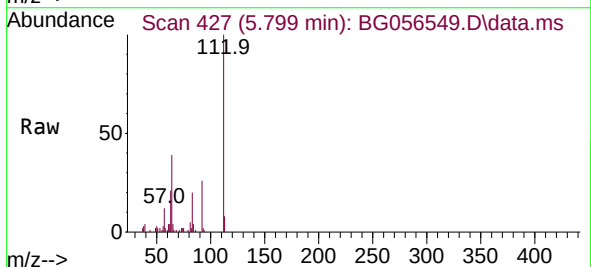
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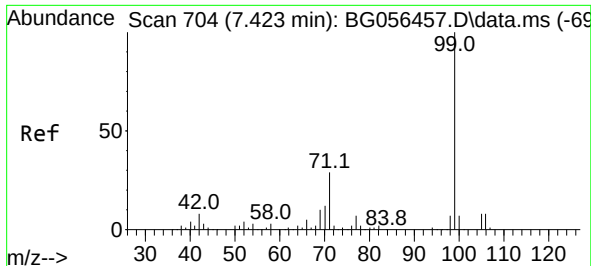
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#5
2-Fluorophenol
Concen: 13.669 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

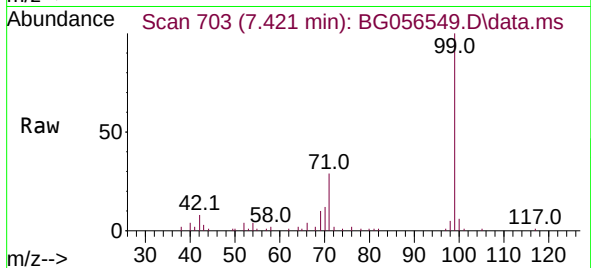
Tgt Ion:112 Resp: 41100
Ion Ratio Lower Upper
112 100
64 39.2 31.9 47.9
63 21.4 17.4 26.0





#7
Phenol-d6
Concen: 12.370 ng
RT: 7.421 min Scan# 704
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

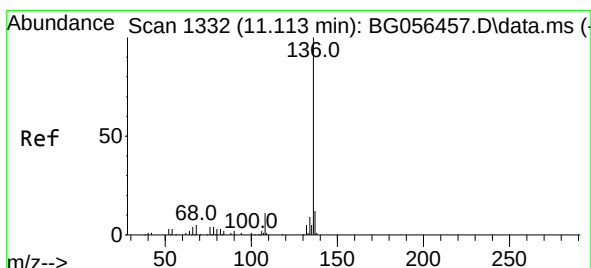
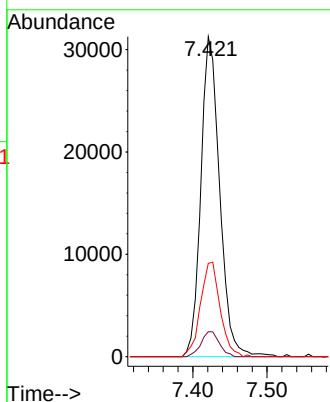
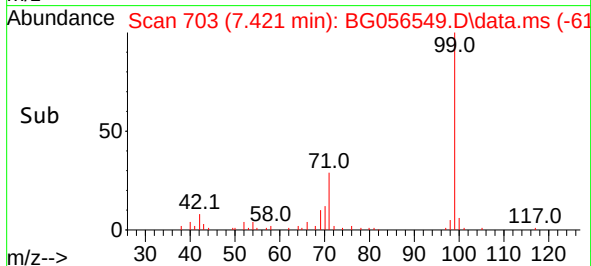
Instrument :
BNA_G
ClientSampleId :
OK-1-212023



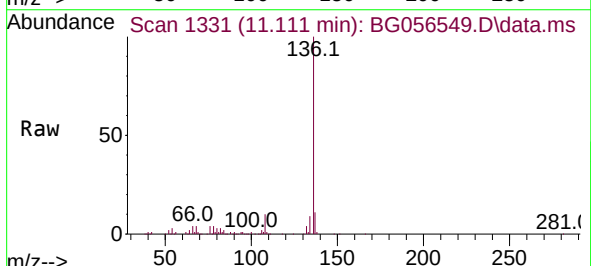
Tgt Ion: 99 Resp: 55110
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 29.1 23.4 35.0

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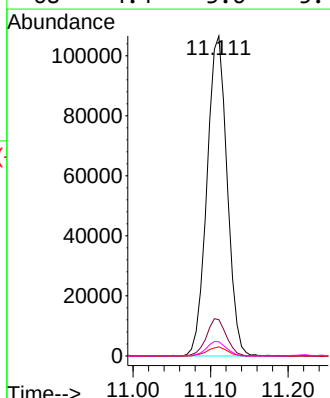
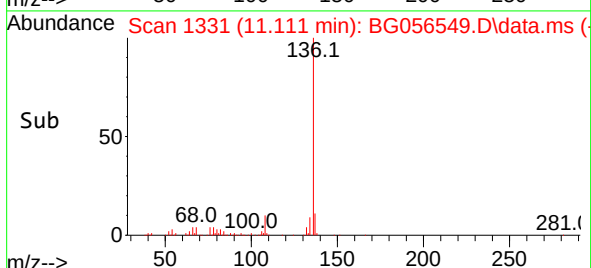
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

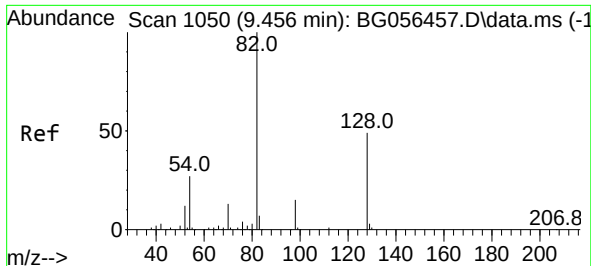


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1331
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58



Tgt Ion:136 Resp: 192257
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.8 2.2 3.4
68 4.4 3.6 5.4





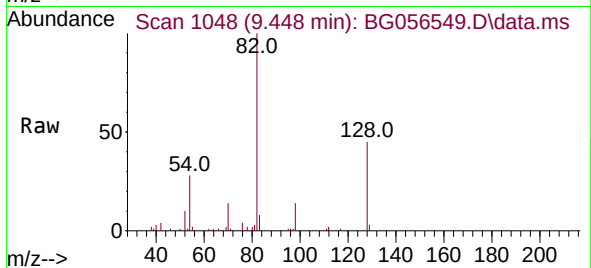
#23
Nitrobenzene-d5
Concen: 9.226 ng
RT: 9.448 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

Instrument :

BNA_G

ClientSampleId :

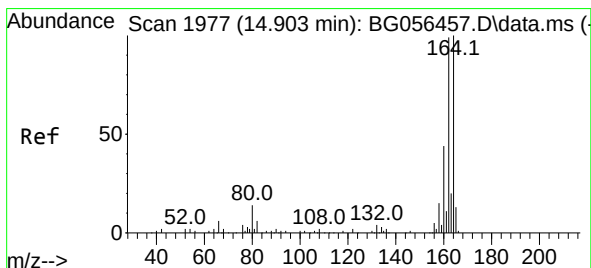
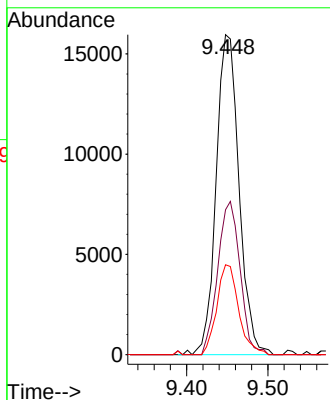
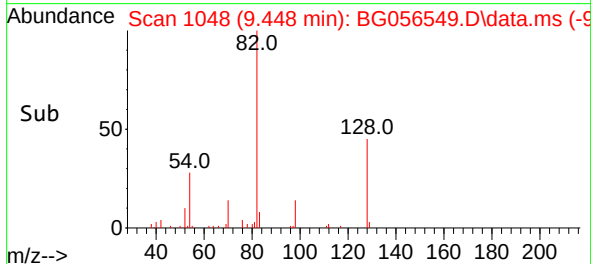
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Tgt Ion: 82 Resp: 31235
Ion Ratio Lower Upper
82 100
128 45.3 39.4 59.2
54 28.1 21.4 32.2

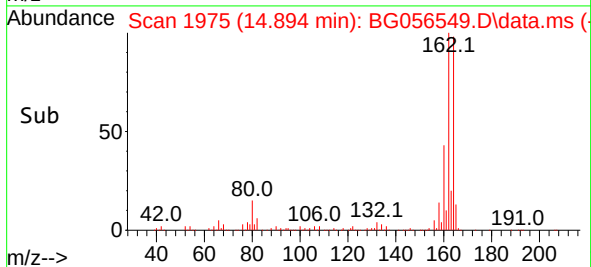
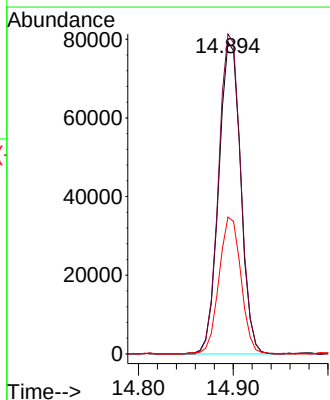
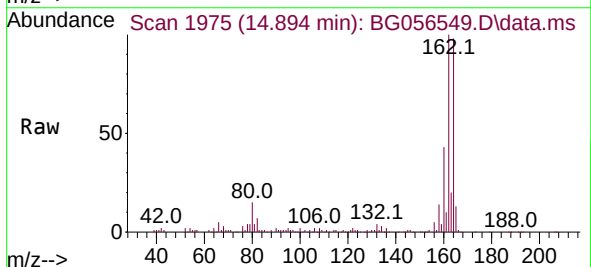
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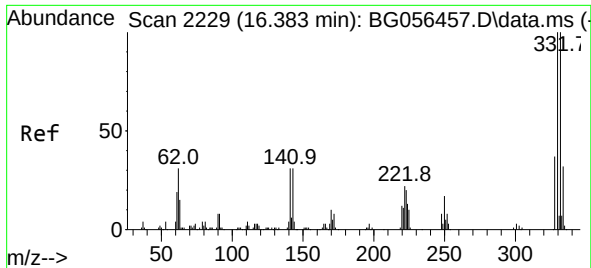
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.894 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

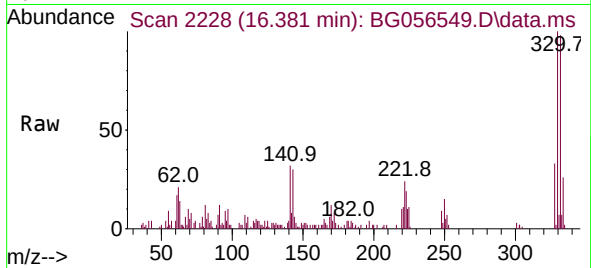
Tgt Ion:164 Resp: 127368
Ion Ratio Lower Upper
164 100
162 102.5 79.6 119.4
160 43.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 12.217 ng
RT: 16.381 min Scan# 211
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

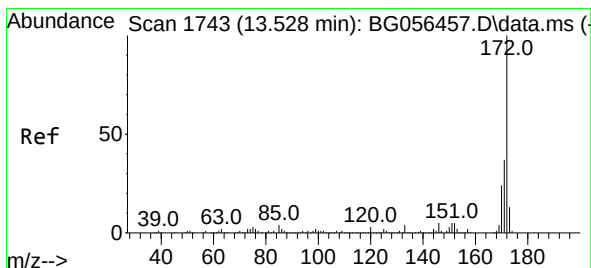
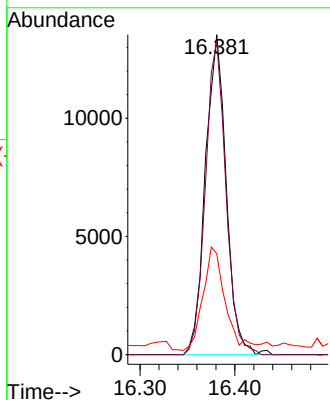
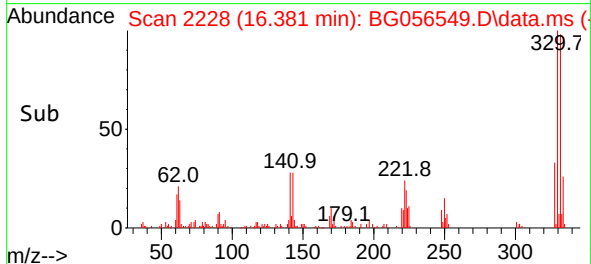
Instrument :
BNA_G
ClientSampleId :
OK-1-212023



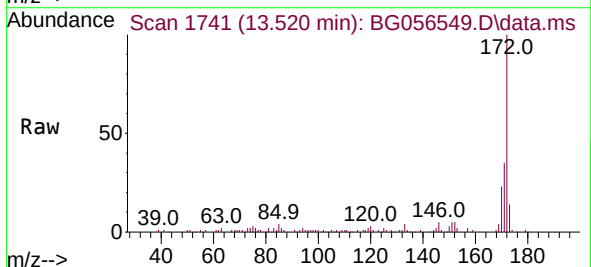
Tgt Ion:330 Resp: 2068
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 34.2 24.2 36.4

Manual Integrations
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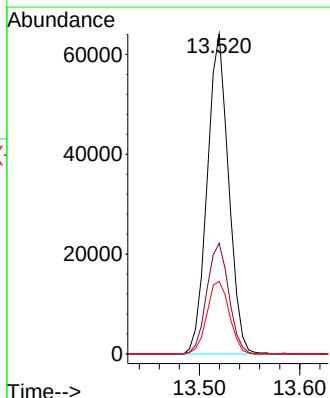
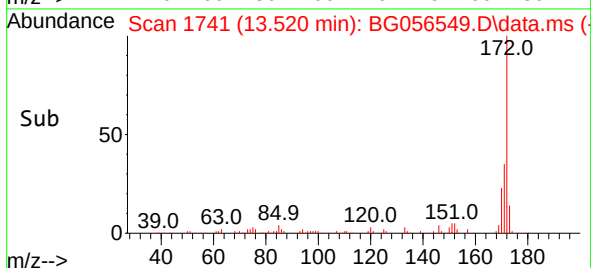
Reviewed By :Christian Giraldo 02/06/2023
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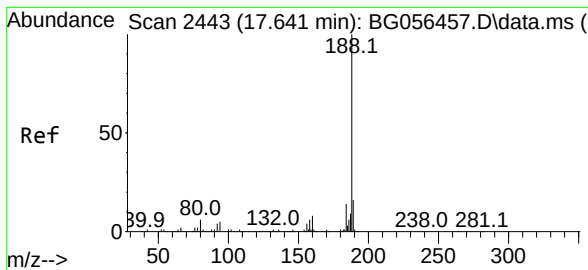


#45
2-Fluorobiphenyl
Concen: 10.300 ng
RT: 13.520 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58



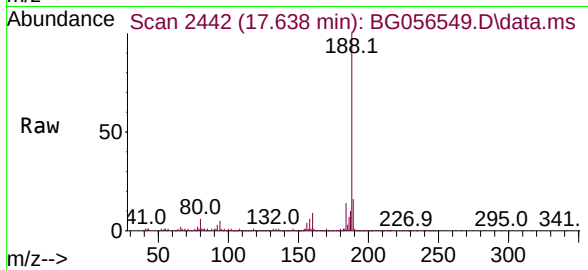
Tgt Ion:172 Resp: 94624
Ion Ratio Lower Upper
172 100
171 34.6 29.5 44.3
170 22.6 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.638 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

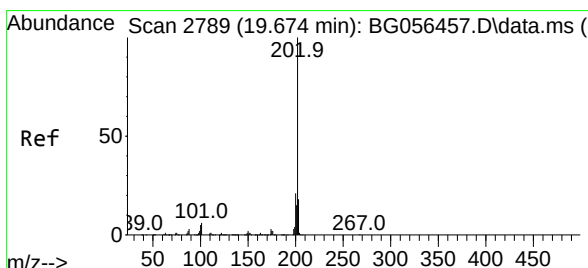
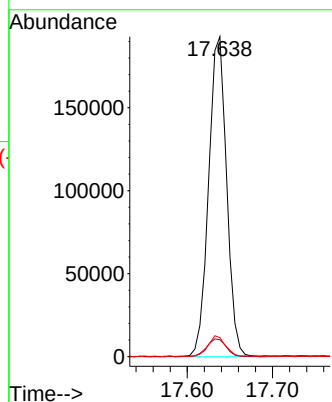
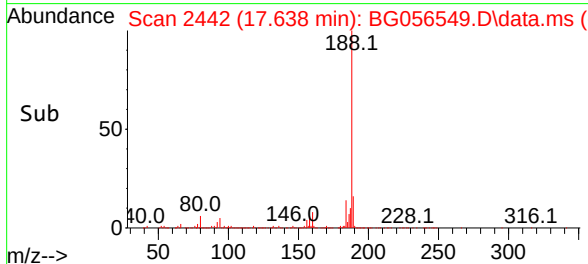
Instrument :
BNA_G
ClientSampleId :
OK-1-212023



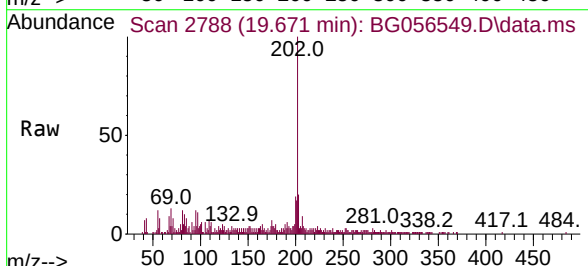
Tgt Ion:188 Resp: 282792
Ion Ratio Lower Upper
188 100
94 5.3 4.1 6.1
80 5.9 5.0 7.4

Manual Integrations
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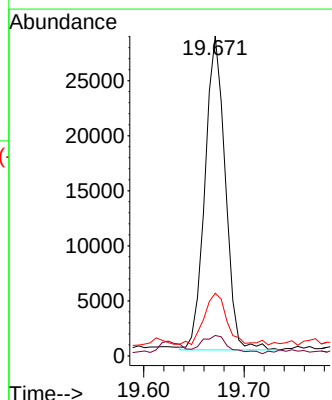
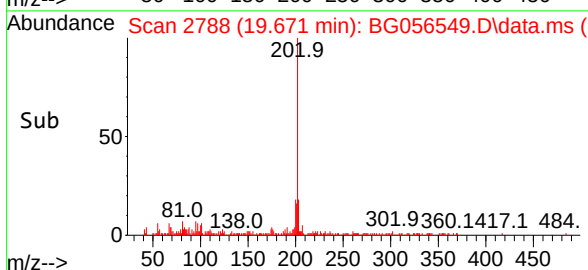
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

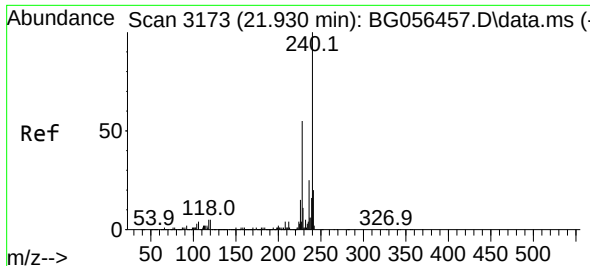


#75
Fluoranthene
Concen: 2.137 ng
RT: 19.671 min Scan# 2788
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58



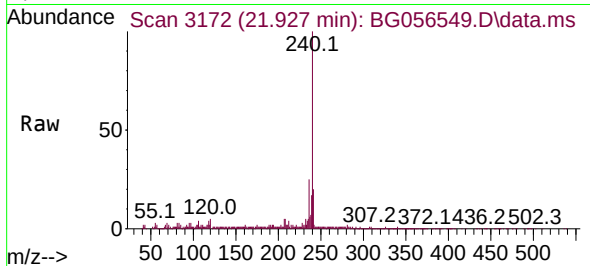
Tgt Ion:202 Resp: 39919
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.6
203 19.6 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3173
Delta R.T. 0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58

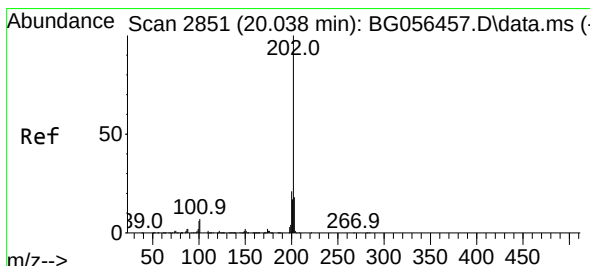
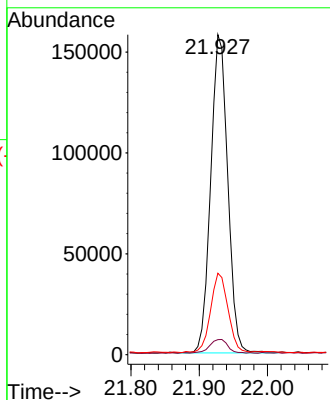
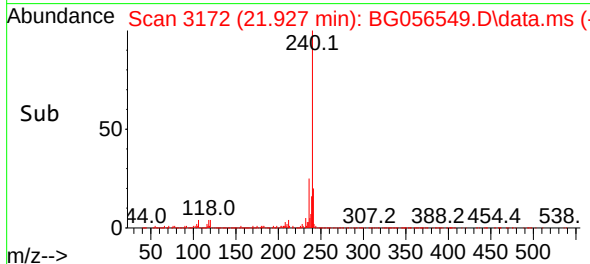
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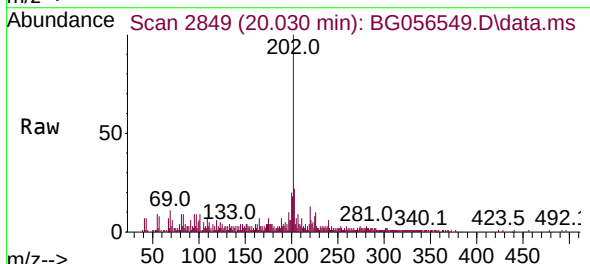
Tgt Ion:240 Resp: 273006
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 25.4 20.2 30.2

Manual Integrations
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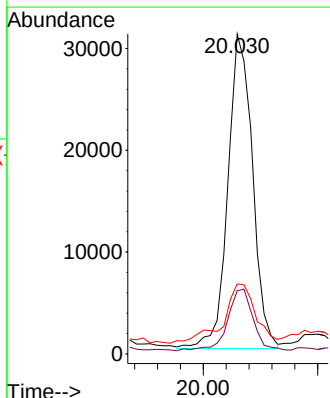
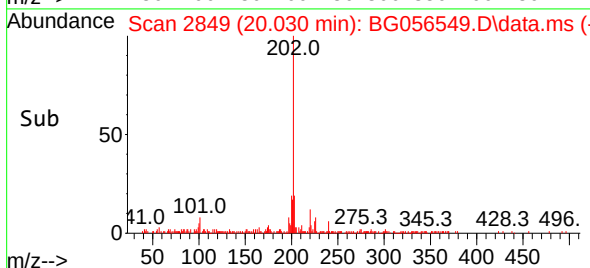
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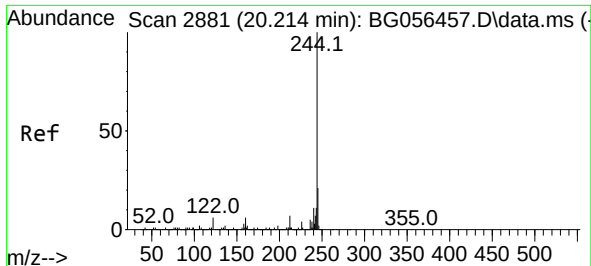


#78
Pyrene
Concen: 2.387 ng m
RT: 20.030 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BG056549.D
Acq: 3 Feb 2023 21:58



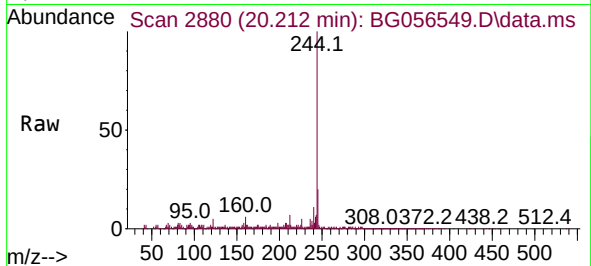
Tgt Ion:202 Resp: 46340
Ion Ratio Lower Upper
202 100
200 19.8 16.7 25.1
203 21.9 14.4 21.6#





#79
 Terphenyl-d14
 Concen: 9.673 ng
 RT: 20.212 min Scan# 2881
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

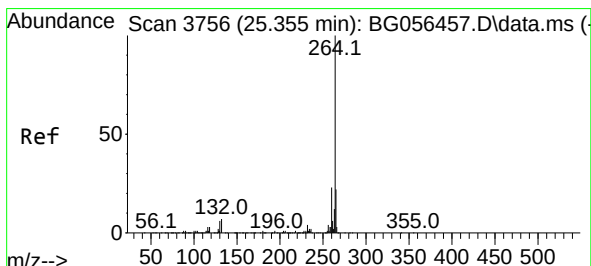
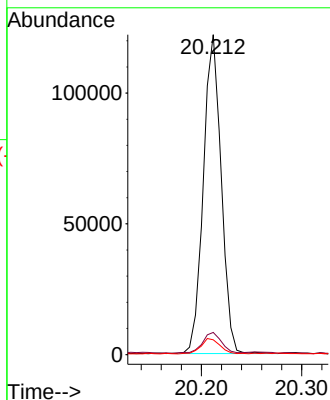
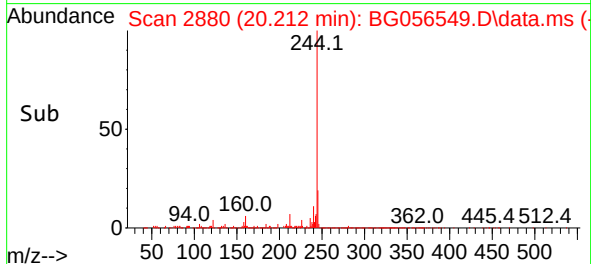
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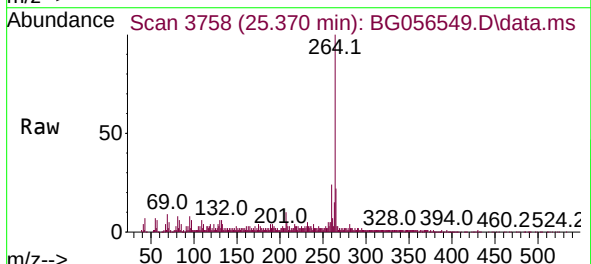
Tgt Ion:244 Resp: 150358
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 4.6 4.4 6.6

Manual Integrations
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Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. 0.027 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58



Tgt Ion:264 Resp: 261119
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 22.4 18.1 27.1

