

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
 Data File : BG053155.D
 Acq On : 14 Apr 2022 13:51
 Operator : CG/JU
 Sample : N2334-04DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWO-INCH-WELLDL

Quant Time: Apr 15 02:21:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/15/2022
 Supervised By :Jagrut Upadhyay 04/15/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	42908	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	158354	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	114626	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	268355	20.000	ng	0.00
76) Chrysene-d12	21.769	240	272469	20.000	ng	0.00
86) Perylene-d12	25.070	264	272263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	77985	31.155	ng	0.00
7) Phenol-d6	7.277	99	69709	18.059	ng	0.00
23) Nitrobenzene-d5	9.286	82	160074	41.044	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	114650	62.868	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	362235	43.575	ng	0.00
79) Terphenyl-d14	20.089	244	648587	40.203	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.582	142	235026	37.595	ng	96
38) 1-Methylnaphthalene	12.799	142	162286m	26.595	ng	

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

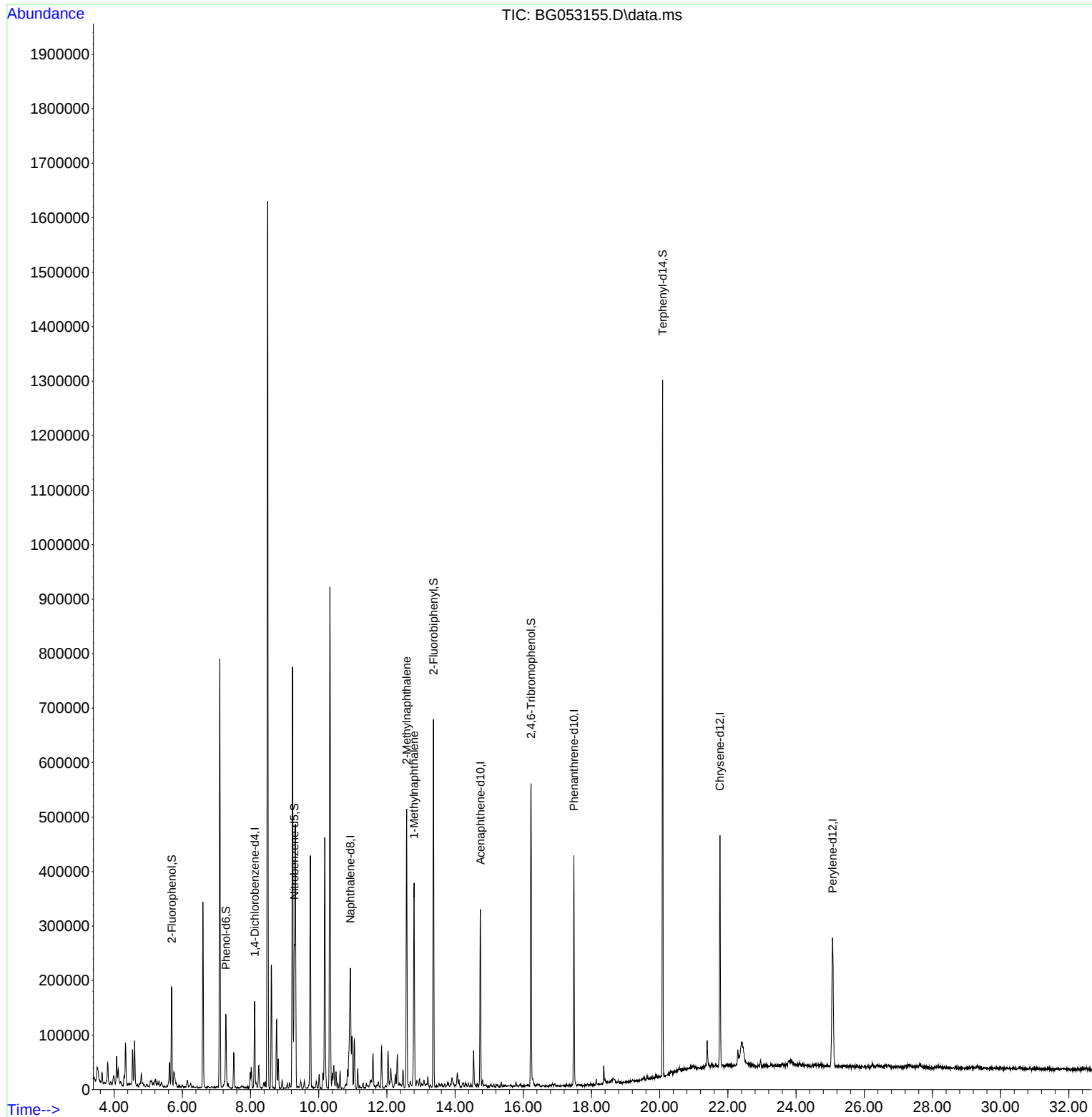
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
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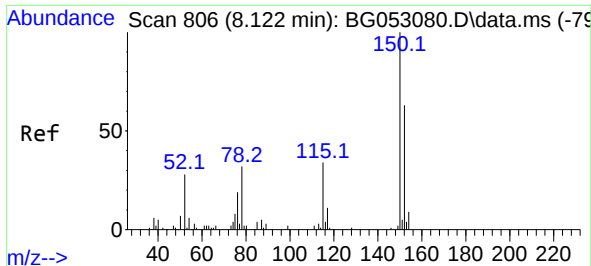
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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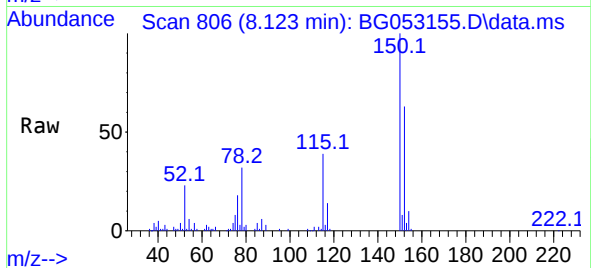
Reviewed By :Christian Giraldo 04/15/2022
Supervised By :Jagrut Upadhyay 04/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

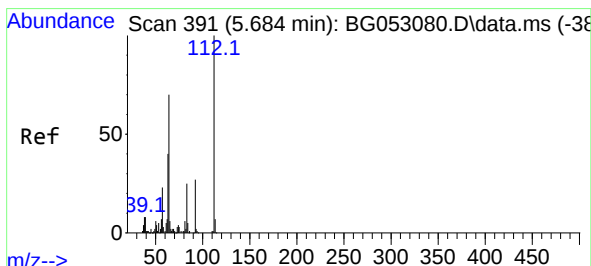
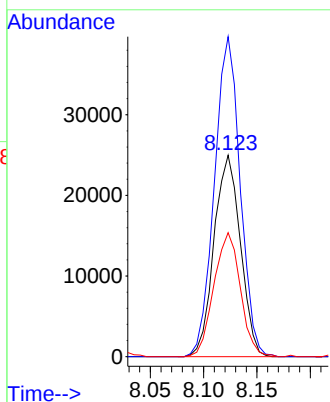
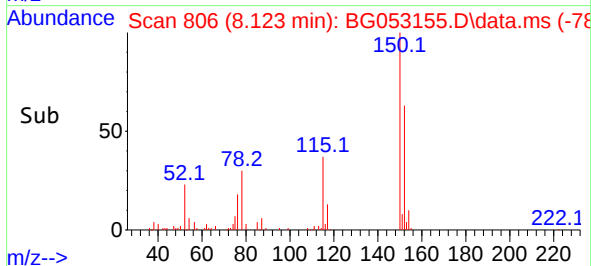
Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELLDL



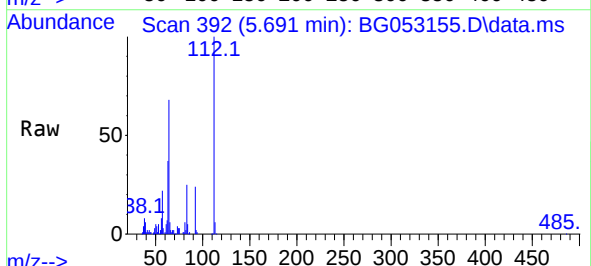
Tgt Ion:152 Resp: 42908
Ion Ratio Lower Upper
152 100
150 158.9 114.6 172.0
115 61.5 45.9 68.9

Manual Integrations
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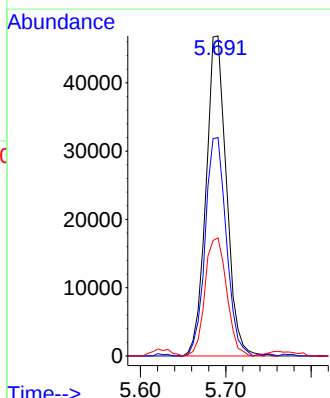
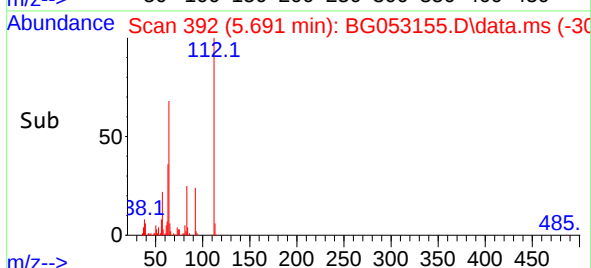
Reviewed By :Christian Giraldo 04/15/2022
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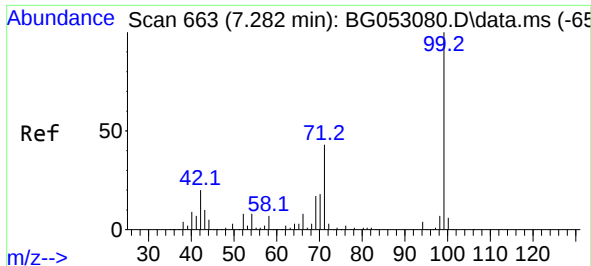


#5
2-Fluorophenol
Concen: 31.155 ng
RT: 5.691 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



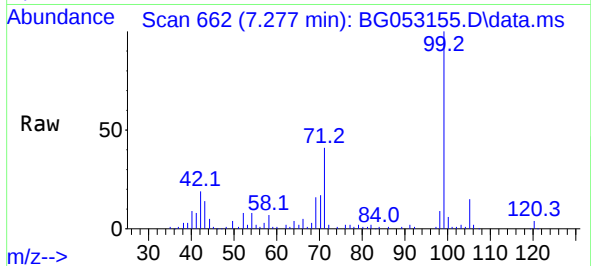
Tgt Ion:112 Resp: 77985
Ion Ratio Lower Upper
112 100
64 68.2 48.0 72.0
63 36.9 26.5 39.7





#7
Phenol-d6
Concen: 18.059 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

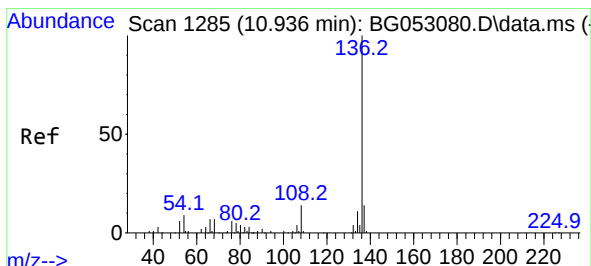
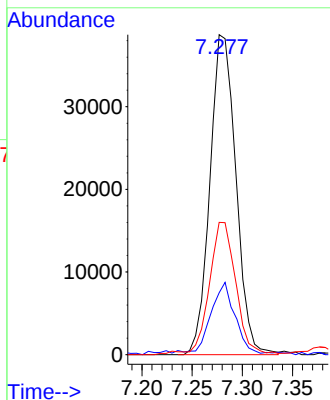
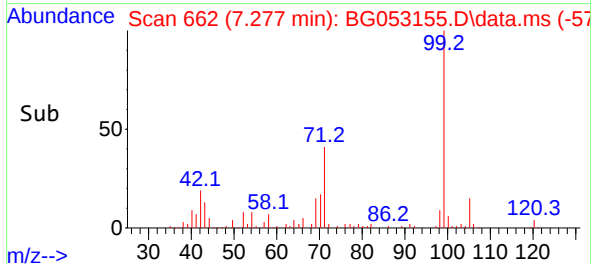
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BNA_G
ClientSampleId :
TWO-INCH-WELLDL



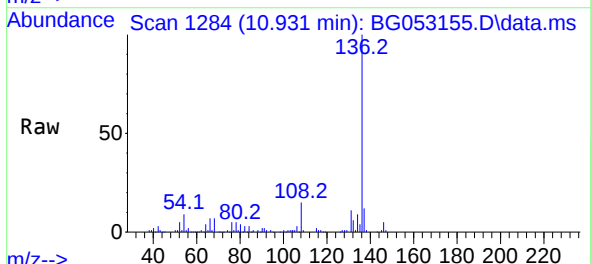
Tgt Ion: 99 Resp: 69709
Ion Ratio Lower Upper
99 100
42 19.3 14.7 22.1
71 41.3 29.2 43.8

Manual Integrations
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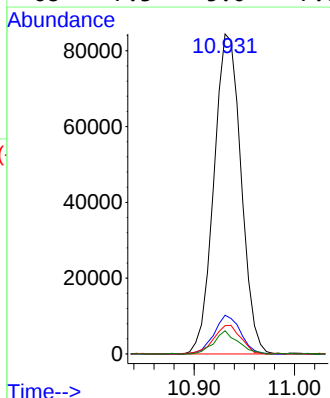
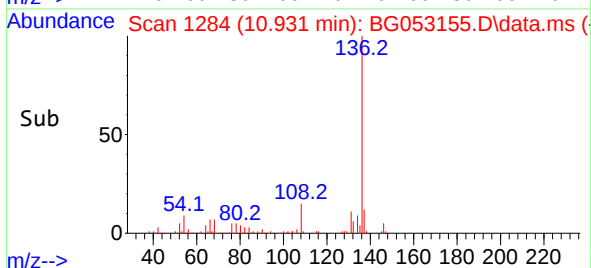
Reviewed By :Christian Giraldo 04/15/2022
Supervised By :Jagrut Upadhyay 04/15/2022

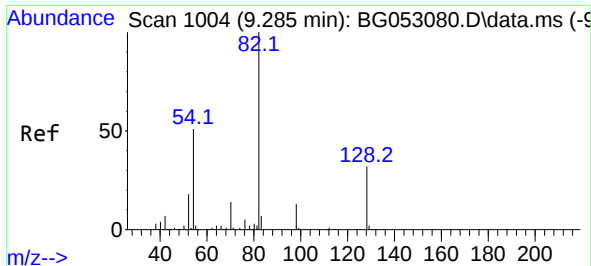


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



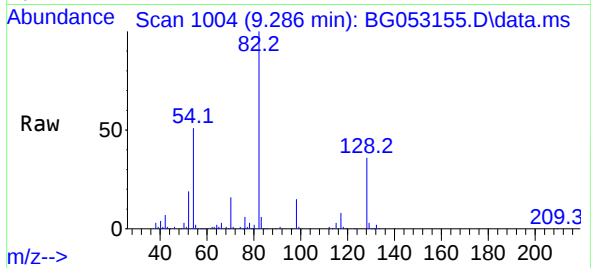
Tgt Ion:136 Resp: 158354
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 8.8 6.4 9.6
68 7.3 5.0 7.6





#23
Nitrobenzene-d5
Concen: 41.044 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

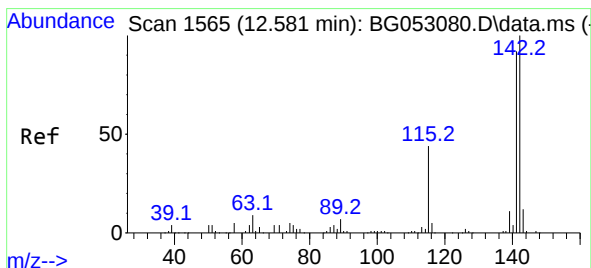
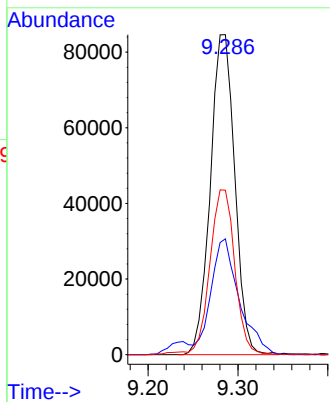
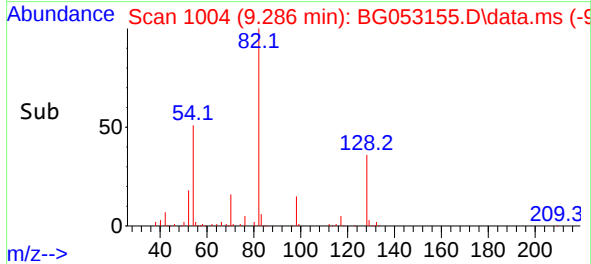
Instrument :
BNA_G
ClientSampleId :
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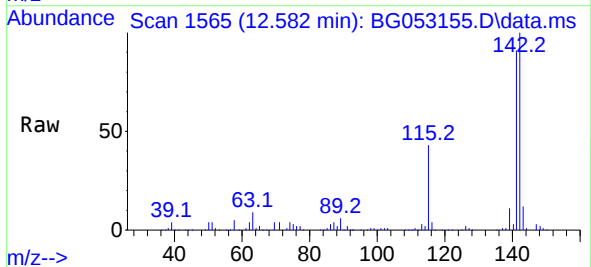
Tgt Ion: 82 Resp: 160074
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 51.4 37.8 56.8

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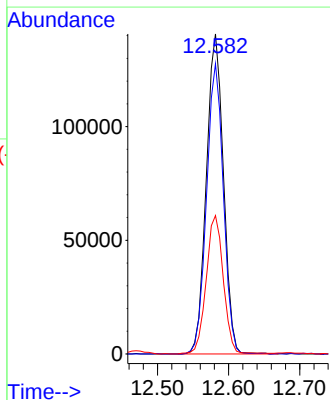
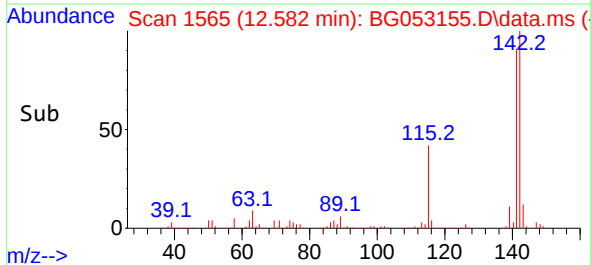
Reviewed By :Christian Giraldo 04/15/2022
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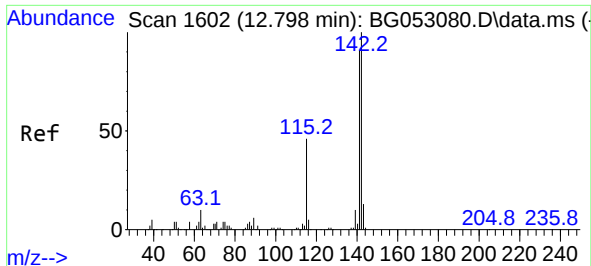


#37
2-Methylnaphthalene
Concen: 37.595 ng
RT: 12.582 min Scan# 1565
Delta R.T. 0.001 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



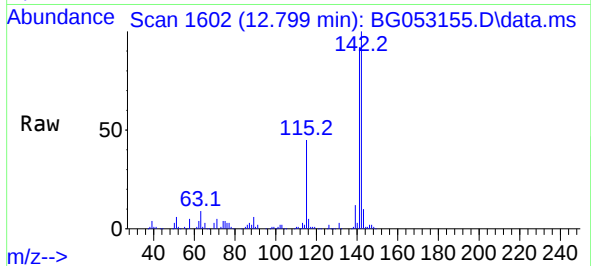
Tgt Ion:142 Resp: 235026
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 43.3 29.5 44.3





#38
1-Methylnaphthalene
Concen: 26.595 ng m
RT: 12.799 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

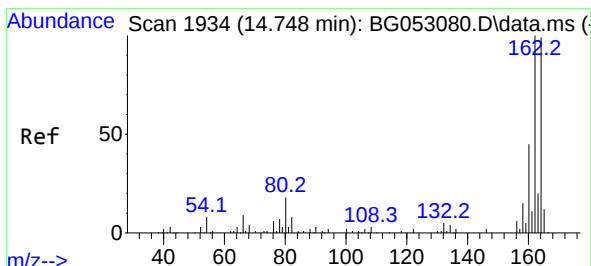
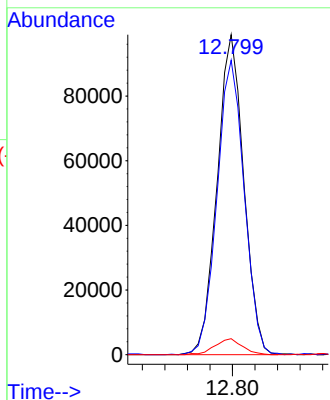
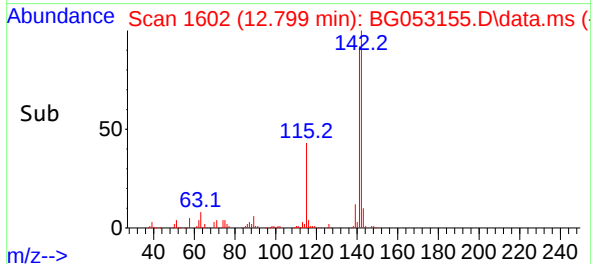
Instrument :
BNA_G
ClientSampleId :
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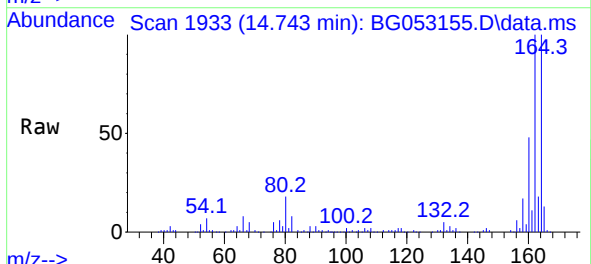
Tgt Ion:142 Resp: 162280
Ion Ratio Lower Upper
142 100
141 92.0 70.5 105.7
116 5.0 3.1 4.7

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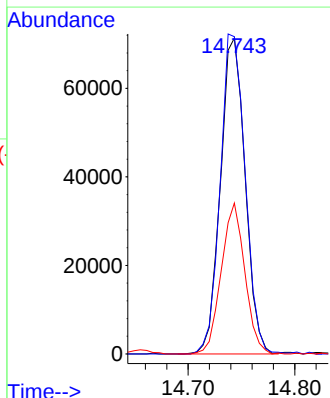
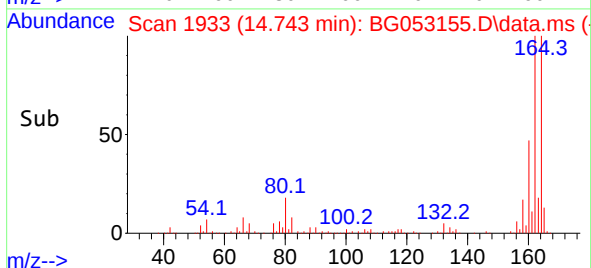
Reviewed By :Christian Giraldo 04/15/2022
Supervised By :Jagrut Upadhyay 04/15/2022

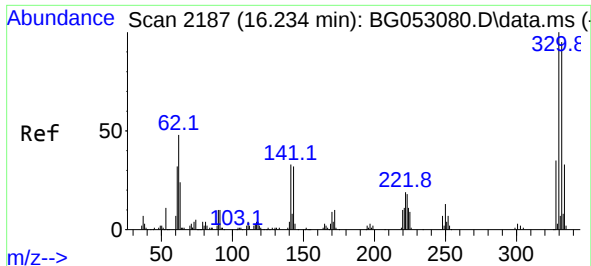


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



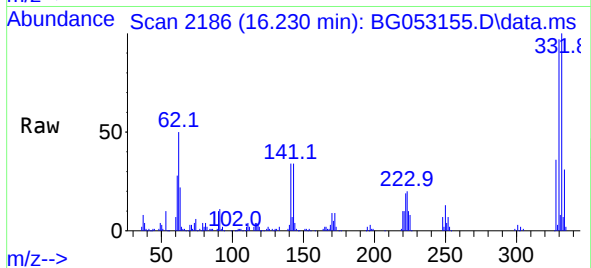
Tgt Ion:164 Resp: 114626
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 47.8 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 62.868 ng
RT: 16.230 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

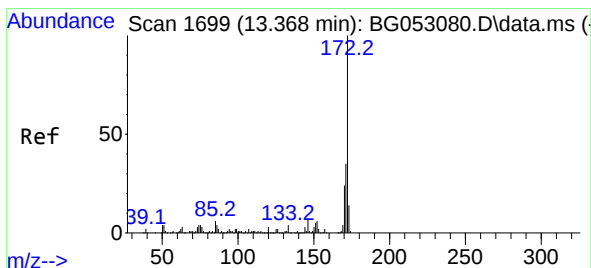
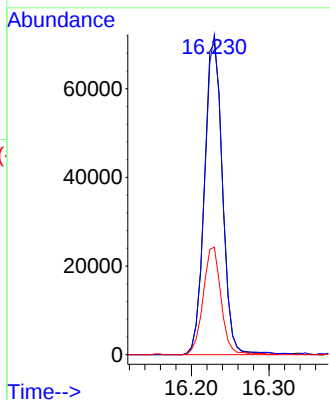
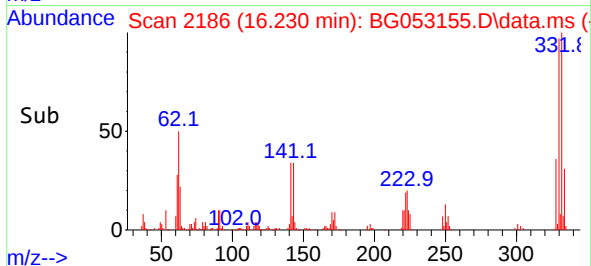
Instrument :
BNA_G
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TWO-INCH-WELLDL



Tgt Ion:330 Resp: 114650
Ion Ratio Lower Upper
330 100
332 99.8 75.8 113.6
141 33.7 24.6 36.8

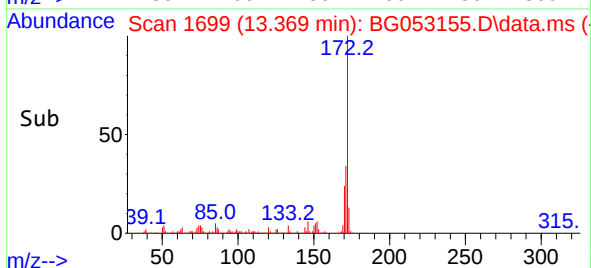
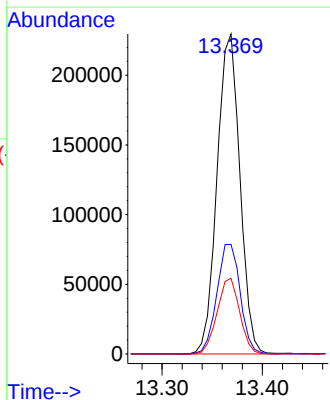
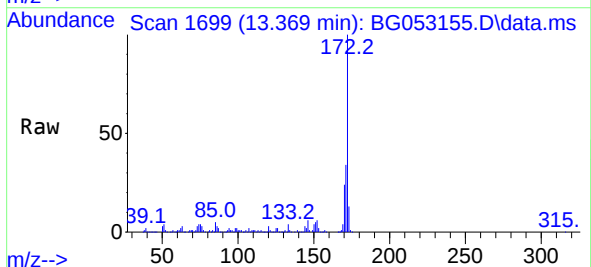
Manual Integrations
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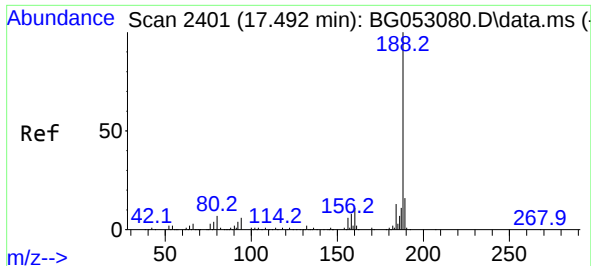
Reviewed By :Christian Giraldo 04/15/2022
Supervised By :Jagrut Upadhyay 04/15/2022



#45
2-Fluorobiphenyl
Concen: 43.575 ng
RT: 13.369 min Scan# 1699
Delta R.T. 0.001 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

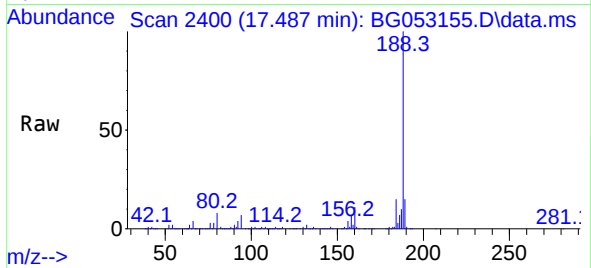
Tgt Ion:172 Resp: 362235
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.6 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

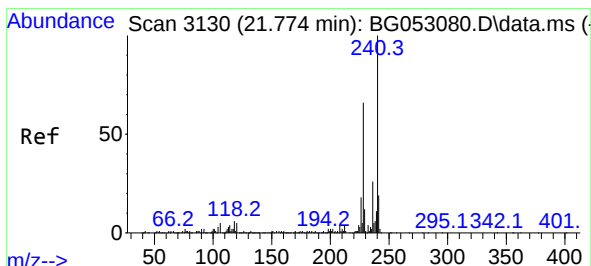
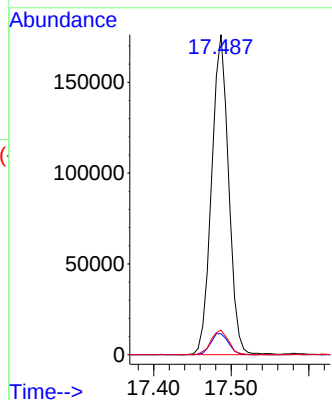
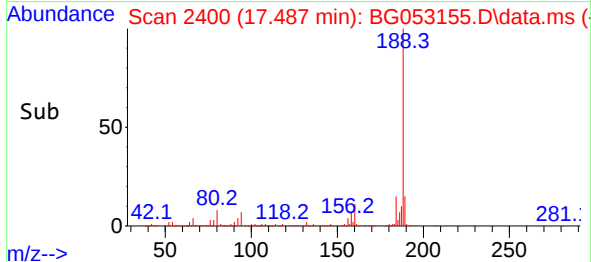
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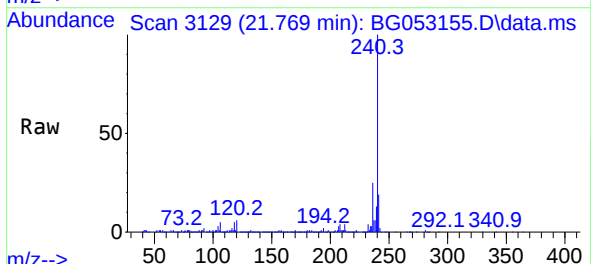
Tgt Ion:188 Resp: 26835
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.6 7.2 10.8

Manual Integrations
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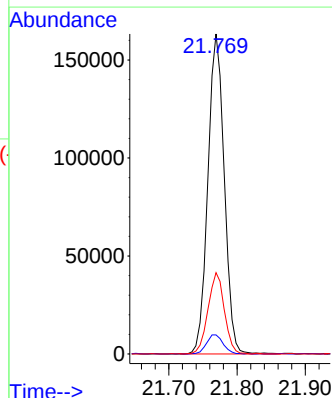
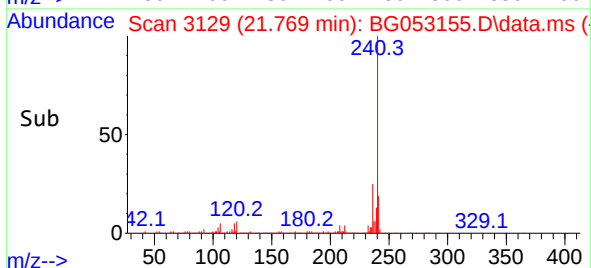
Reviewed By :Christian Giraldo 04/15/2022
Supervised By :Jagrut Upadhyay 04/15/2022

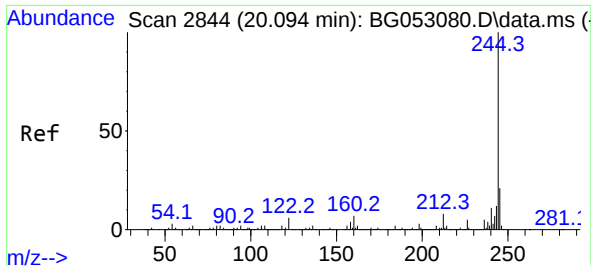


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



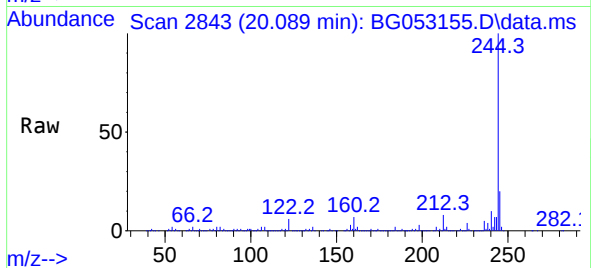
Tgt Ion:240 Resp: 272469
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.4 19.8 29.6





#79
Terphenyl-d14
Concen: 40.203 ng
RT: 20.089 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51

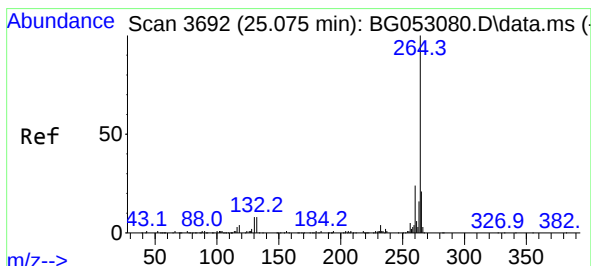
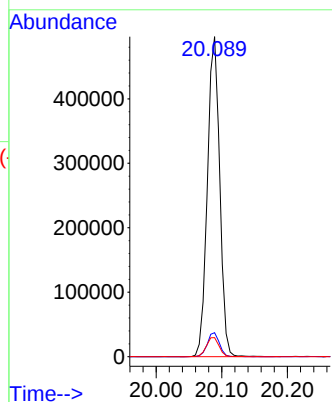
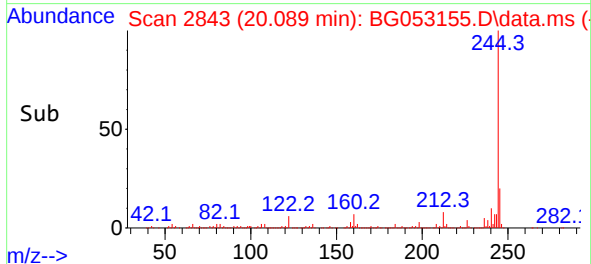
Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELLDL



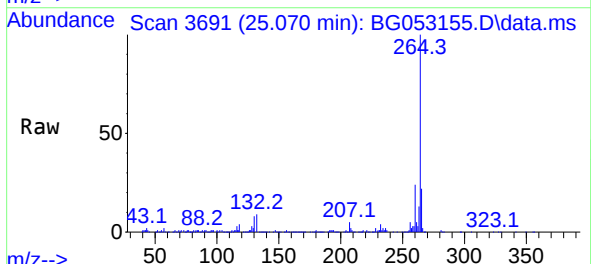
Tgt Ion:244 Resp: 64858
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 5.9 5.8 8.6

Manual Integrations
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Supervised By :Jagrut Upadhyay 04/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3691
Delta R.T. -0.005 min
Lab File: BG053155.D
Acq: 14 Apr 2022 13:51



Tgt Ion:264 Resp: 272263
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.2
265 22.1 15.1 22.7

