

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053422.D
 Acq On : 3 May 2022 18:09
 Operator : CG/JU
 Sample : N2641-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 06:07:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	17651	20.000	ng	# 0.00
21) Naphthalene-d8	10.909	136	65248	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	50661	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	146409	20.000	ng	0.00
76) Chrysene-d12	21.747	240	162312	20.000	ng	0.00
86) Perylene-d12	25.037	264	163303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	182478	177.214	ng	0.00
7) Phenol-d6	7.261	99	241076	151.820	ng	0.00
23) Nitrobenzene-d5	9.264	82	199732	124.292	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	166603	206.704	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	436493	118.806	ng	0.00
79) Terphenyl-d14	20.073	244	1055290	109.806	ng	0.00
Target Compounds						
77) Benzidine	19.703	184	27162m	5.865	ng	Qvalue

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

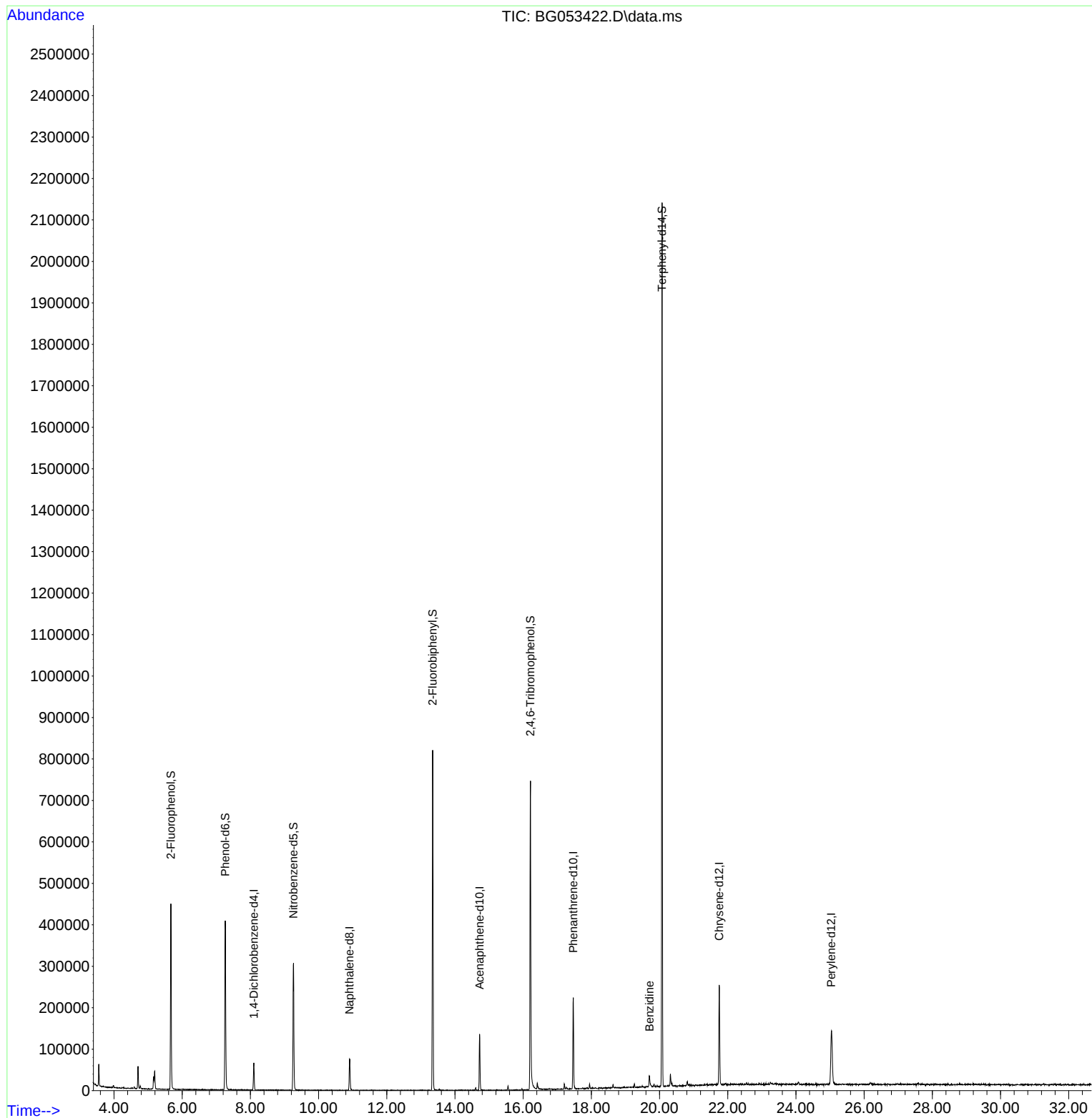
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053422.D
Acq On : 3 May 2022 18:09
Operator : CG/JU
Sample : N2641-06
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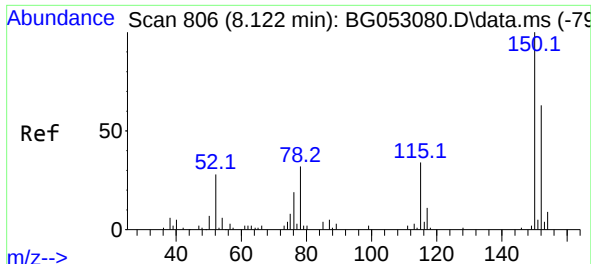
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Quant Time: May 04 06:07:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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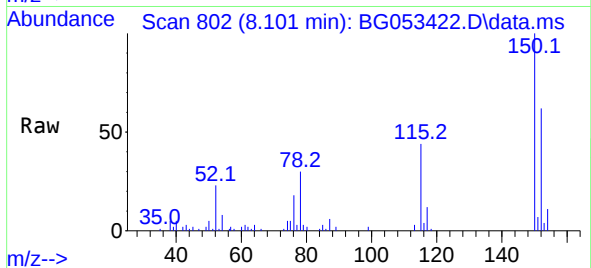
Reviewed By : Christian Giraldo 05/04/2022
Supervised By : Jagrut Upadhyay 05/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

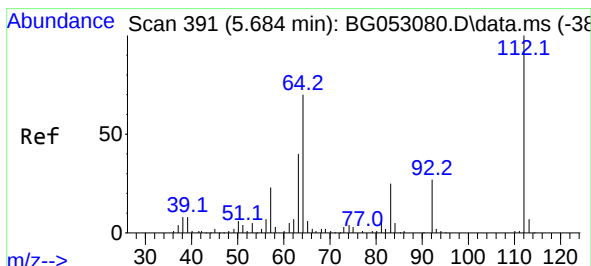
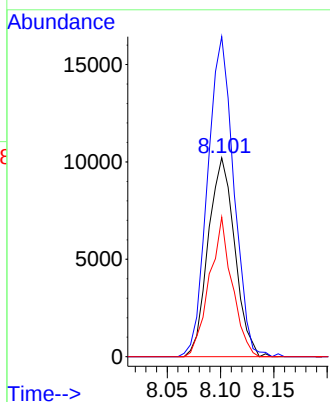
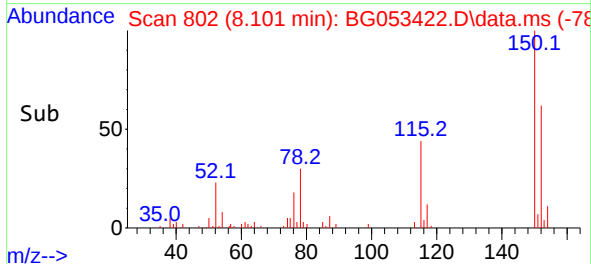
Instrument :
BNA_G
ClientSampleId :
TP-24



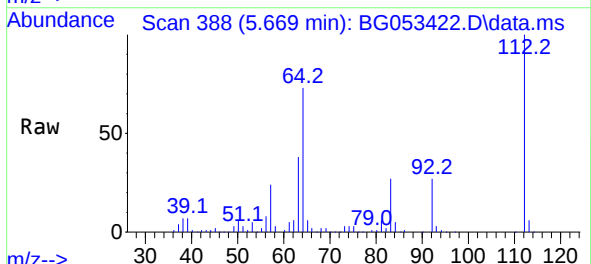
Tgt Ion:152 Resp: 1765
Ion Ratio Lower Upper
152 100
150 160.9 114.6 172.0
115 70.1 45.9 68.9

Manual Integrations
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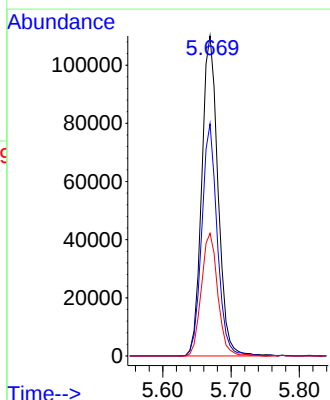
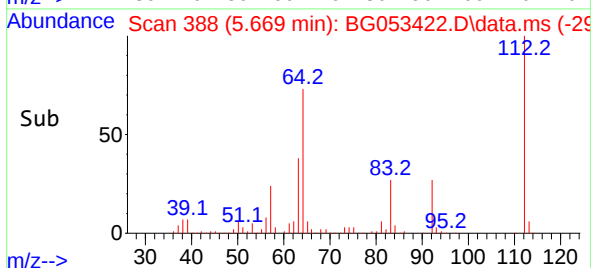
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#5
2-Fluorophenol
Concen: 177.214 ng
RT: 5.669 min Scan# 388
Delta R.T. 0.005 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09



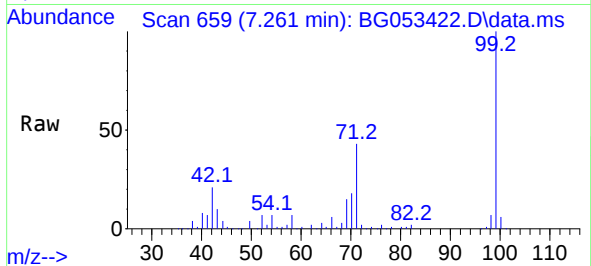
Tgt Ion:112 Resp: 182478
Ion Ratio Lower Upper
112 100
64 72.5 48.0 72.0#
63 38.3 26.5 39.7





#7
Phenol-d6
Concen: 151.820 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

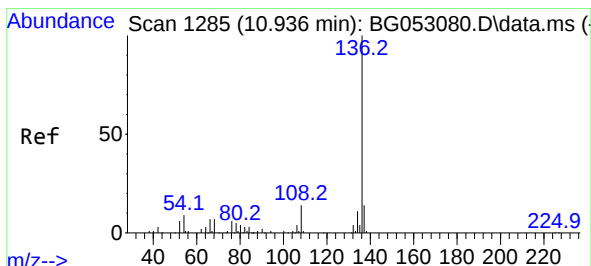
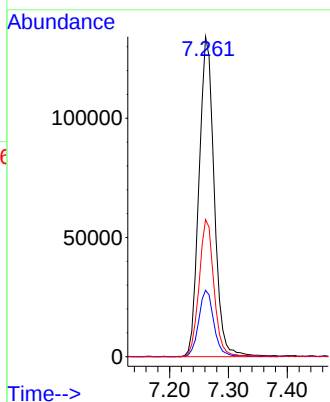
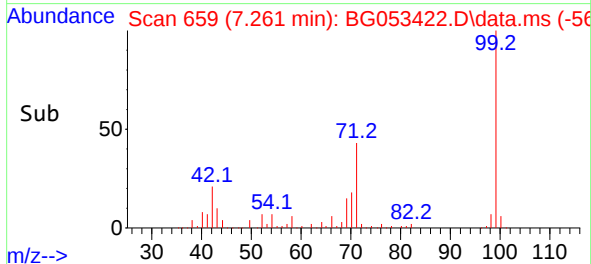
Instrument :
BNA_G
ClientSampleId :
TP-24



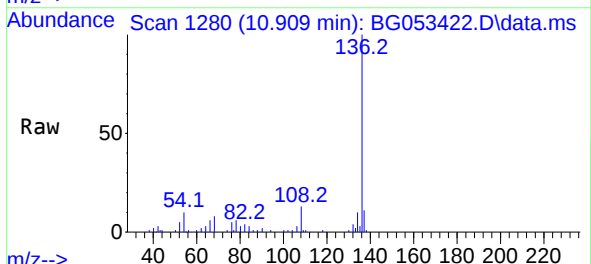
Tgt Ion: 99 Resp: 241070
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.8 29.2 43.8

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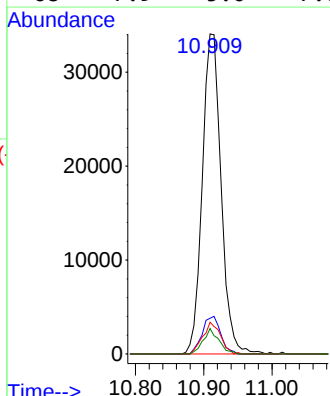
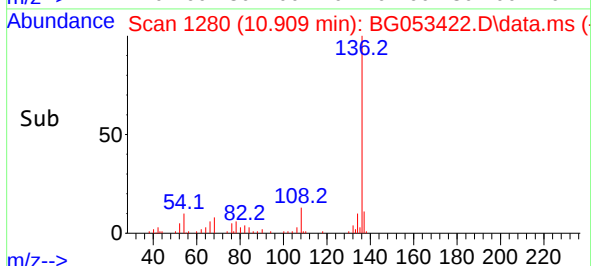
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

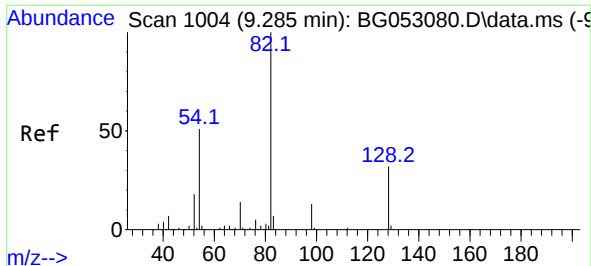


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 1280
Delta R.T. -0.007 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09



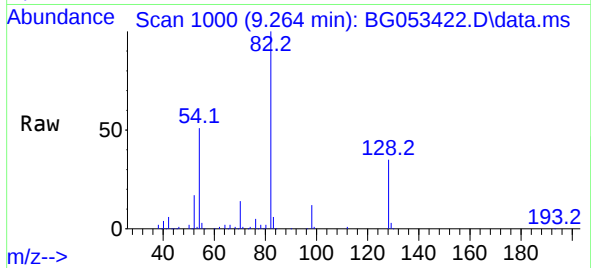
Tgt Ion:136 Resp: 65248
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.9 6.4 9.6#
68 7.9 5.0 7.6#





#23
Nitrobenzene-d5
Concen: 124.292 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

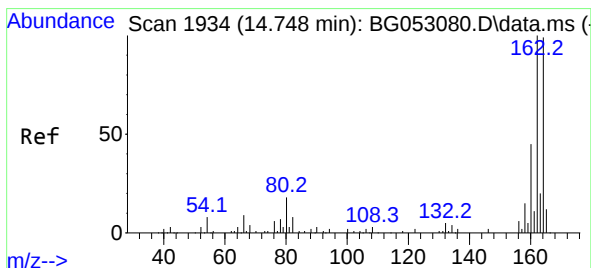
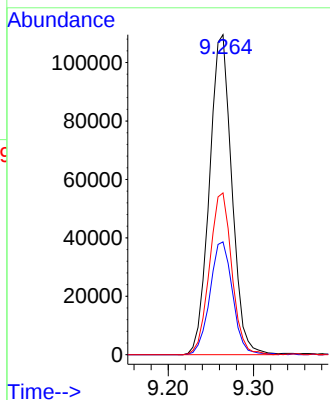
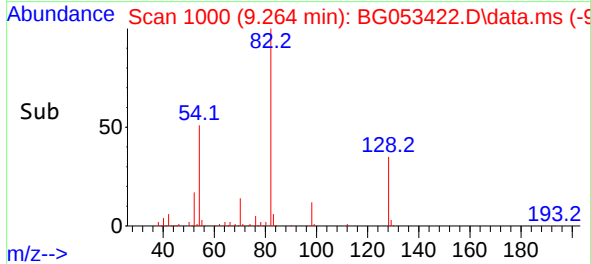
Instrument :
BNA_G
ClientSampleId :
TP-24



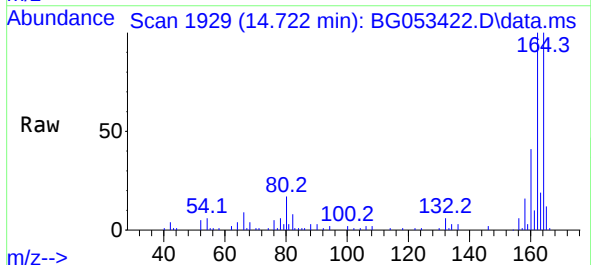
Tgt Ion: 82 Resp: 19973
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 50.6 37.8 56.8

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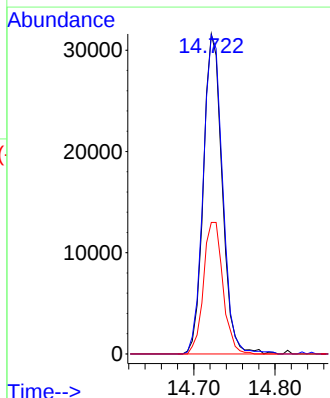
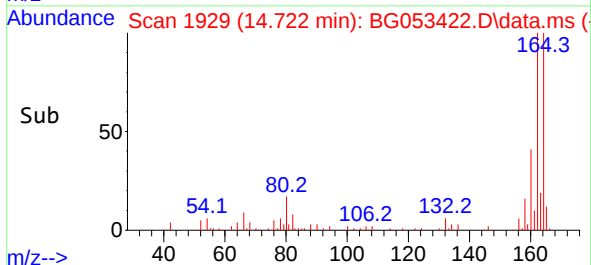
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

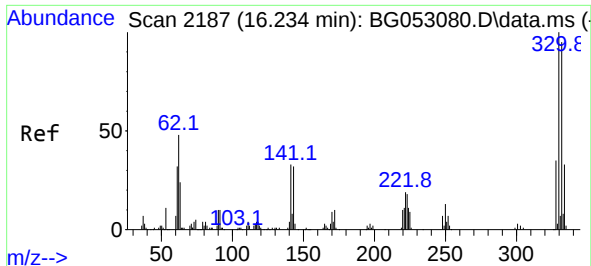


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09



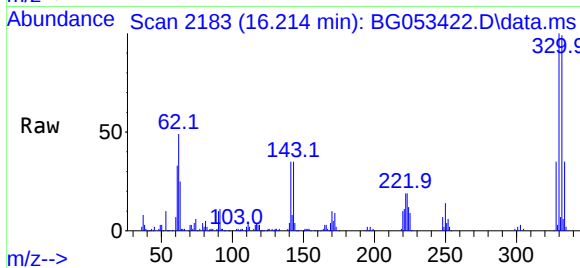
Tgt Ion:164 Resp: 50661
Ion Ratio Lower Upper
164 100
162 99.7 80.0 120.0
160 41.1 38.8 58.2





#42
2,4,6-Tribromophenol
Concen: 206.704 ng
RT: 16.214 min Scan# 2187
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

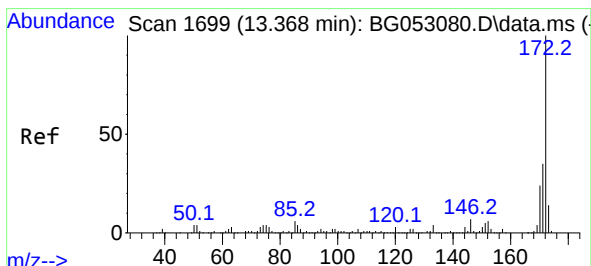
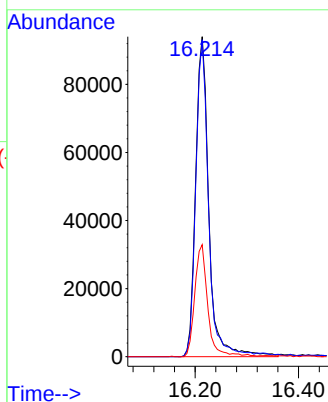
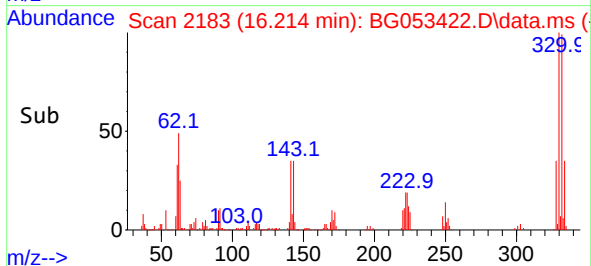
Instrument :
BNA_G
ClientSampleId :
TP-24



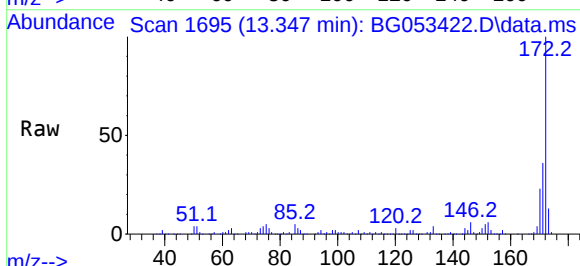
Tgt Ion:330 Resp: 16660
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 34.5 24.6 36.8

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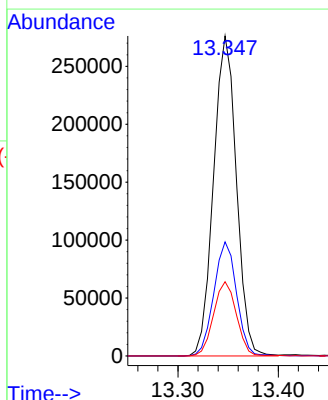
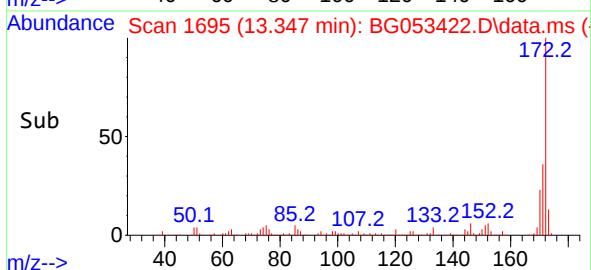
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#45
2-Fluorobiphenyl
Concen: 118.806 ng
RT: 13.347 min Scan# 1695
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09



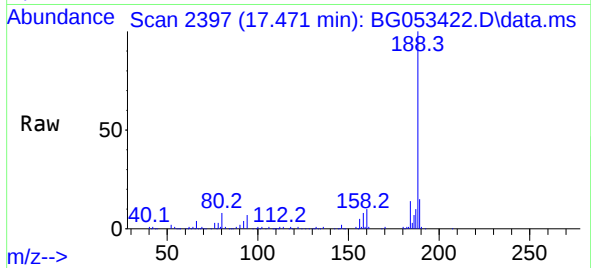
Tgt Ion:172 Resp: 436493
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

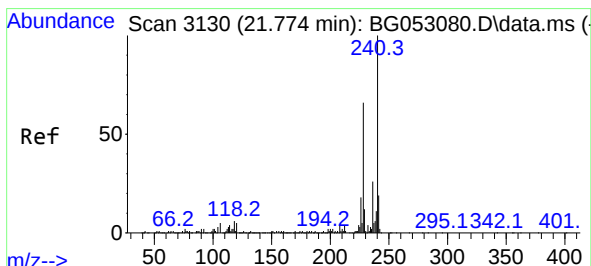
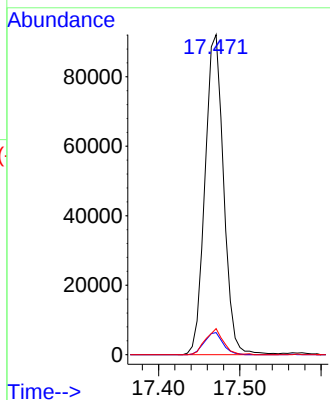
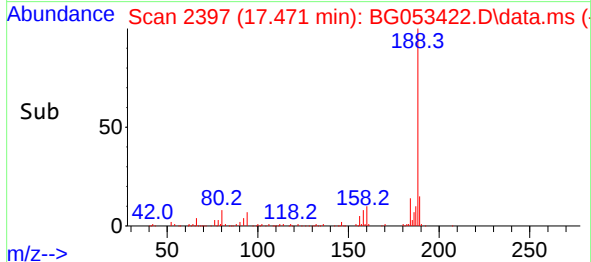
Instrument :
BNA_G
ClientSampleId :
TP-24



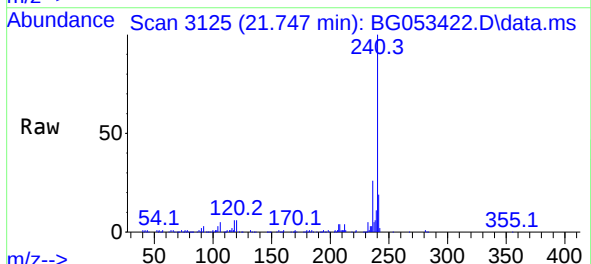
Tgt Ion:188 Resp: 146409
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.1 7.2 10.8

Manual Integrations
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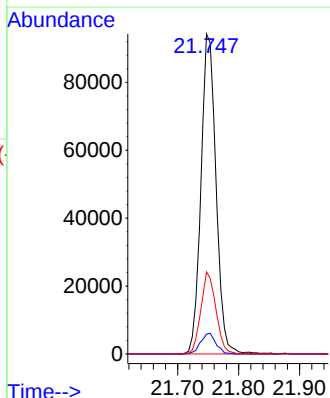
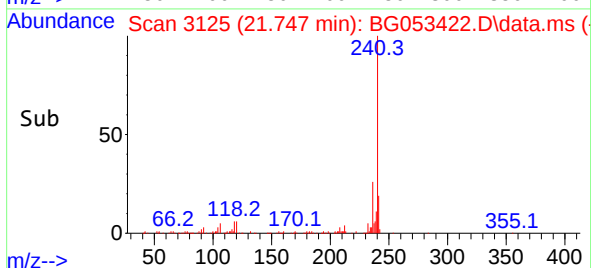
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

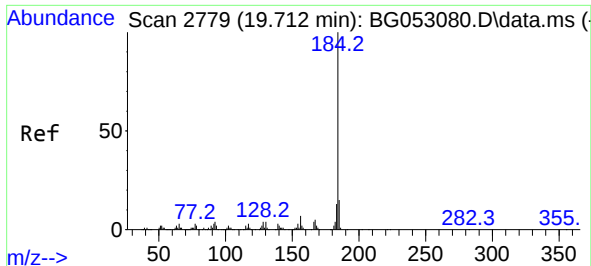


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09



Tgt Ion:240 Resp: 162312
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.7 19.8 29.6





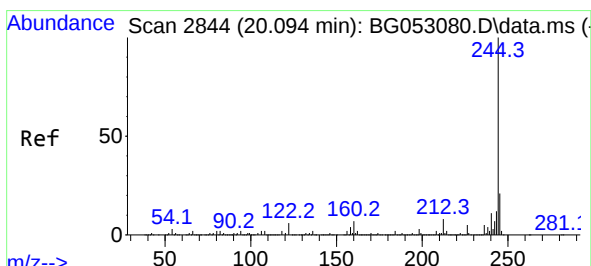
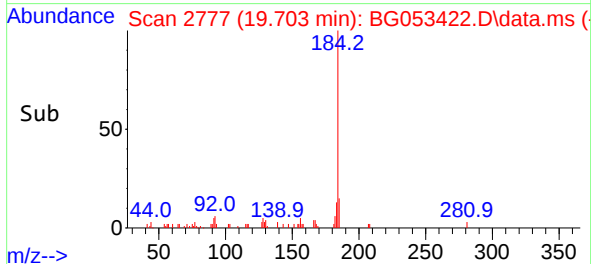
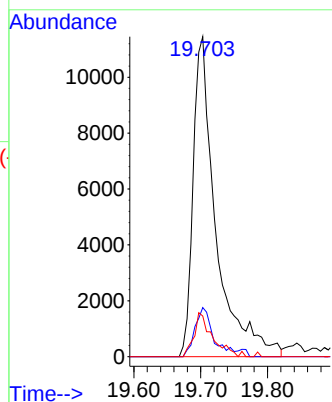
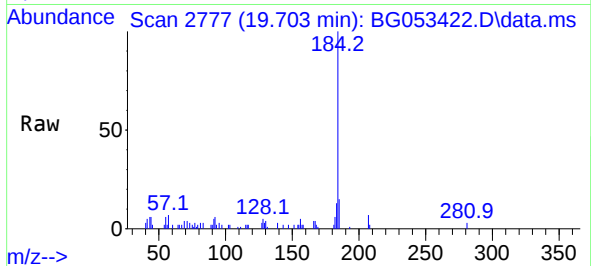
#77
Benzidine
Concen: 5.865 ng m
RT: 19.703 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

Instrument :
BNA_G
ClientSampleId :
TP-24

Tgt Ion:184 Resp: 2716
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 12.7 9.4 14.2

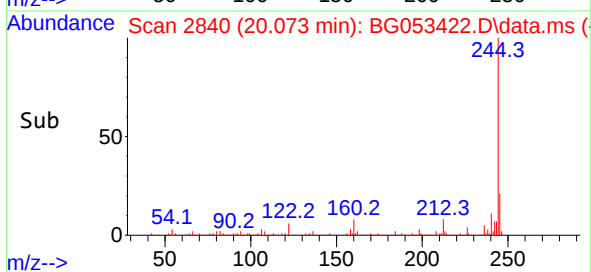
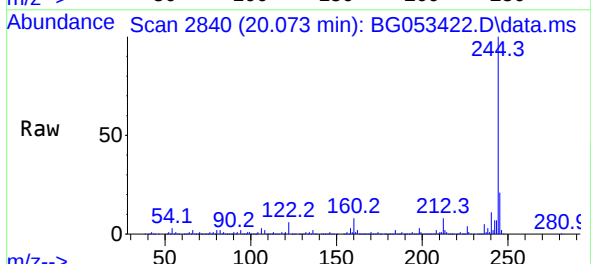
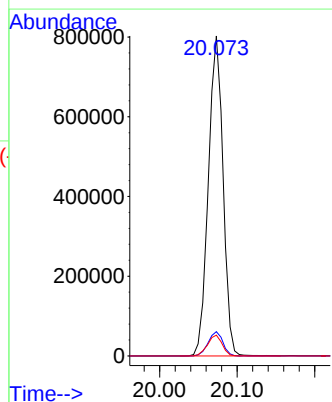
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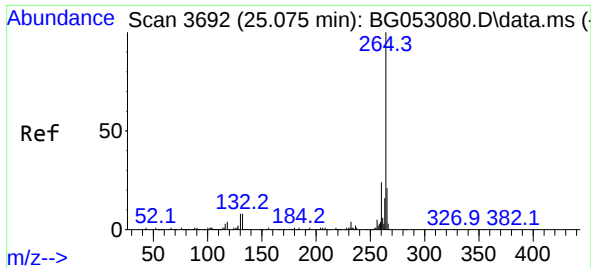
Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022



#79
Terphenyl-d14
Concen: 109.806 ng
RT: 20.073 min Scan# 2840
Delta R.T. -0.001 min
Lab File: BG053422.D
Acq: 3 May 2022 18:09

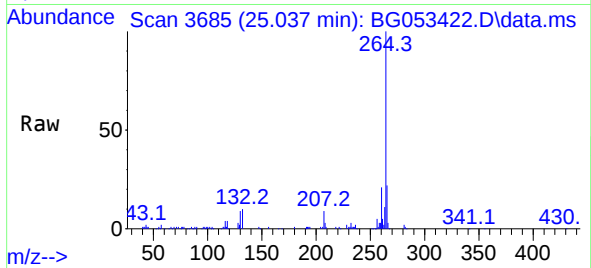
Tgt Ion:244 Resp: 1055290
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.037 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053422.D
 Acq: 3 May 2022 18:09

Instrument :
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Tgt Ion:264 Resp: 16330

Ion	Ratio	Lower	Upper
264	100		
260	21.0	18.2	27.2
265	21.7	15.1	22.7

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