

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053616.D
 Acq On : 18 May 2022 23:21
 Operator : CG/JU
 Sample : N2824-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

Quant Time: May 19 05:13:34 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 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	23721	20.000	ng	-0.01
21) Naphthalene-d8	10.886	136	96226	20.000	ng	-0.01
39) Acenaphthene-d10	14.704	164	75559	20.000	ng	-0.01
64) Phenanthrene-d10	17.448	188	187603	20.000	ng	-0.01
76) Chrysene-d12	21.730	240	211721	20.000	ng	-0.01
86) Perylene-d12	25.008	264	213656	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	185599	132.788	ng	0.00
7) Phenol-d6	7.244	99	248655	117.222	ng	0.00
23) Nitrobenzene-d5	9.241	82	208021	92.024	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	158433	142.168	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	452747	87.559	ng	0.00
79) Terphenyl-d14	20.056	244	1001943	88.139	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.257	122	7538m	15.930	ng	

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

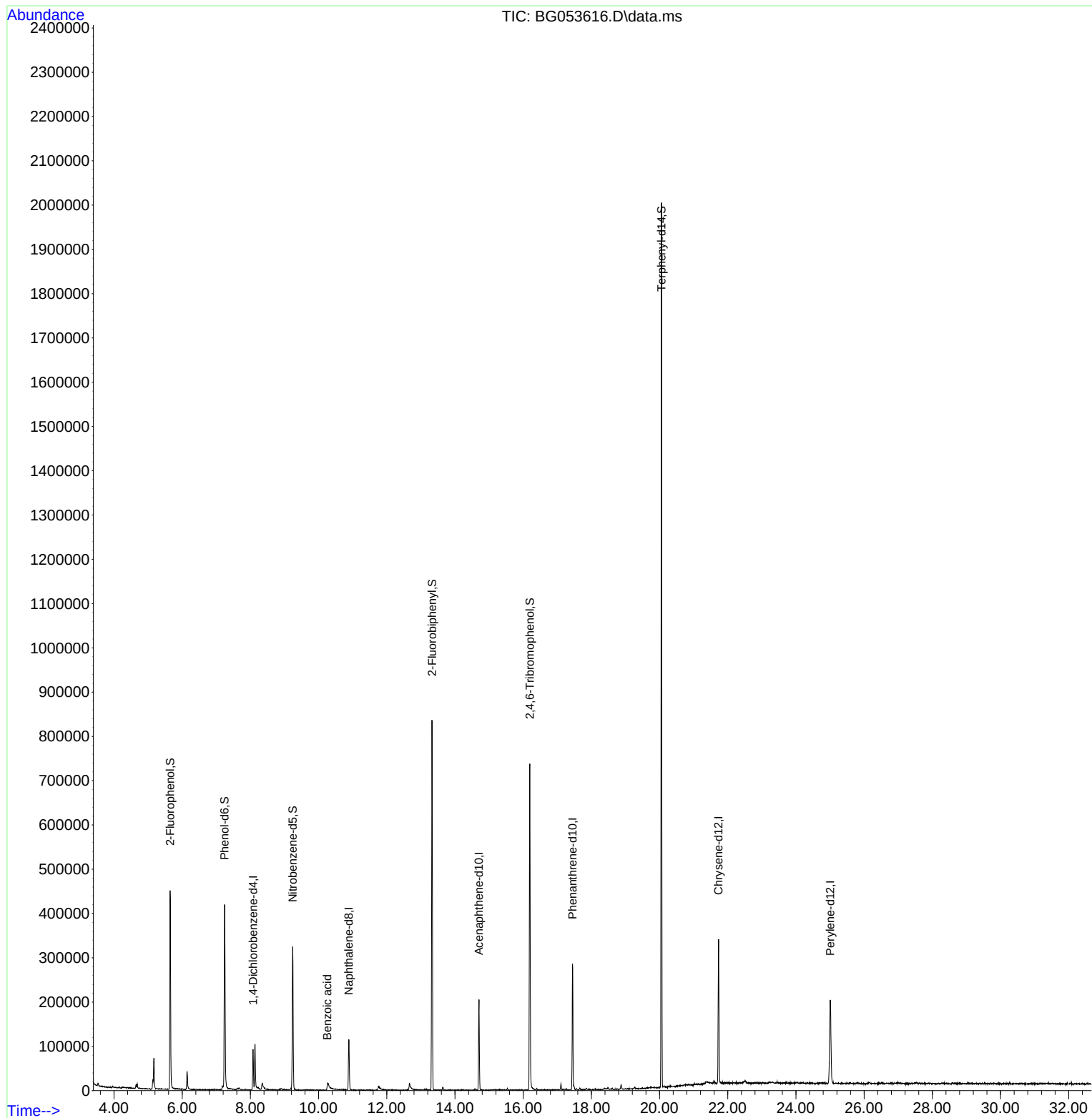
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053616.D
Acq On : 18 May 2022 23:21
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ALS Vial : 13 Sample Multiplier: 1

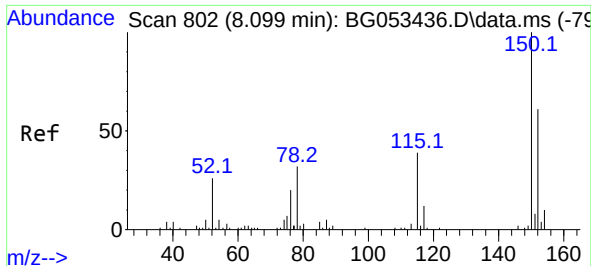
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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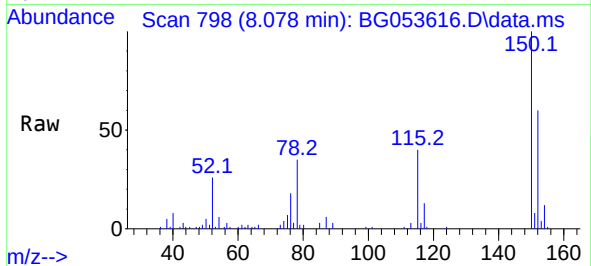
Reviewed By : Christian Giraldo 05/19/2022
Supervised By : Jagrut Upadhyay 05/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 798
Delta R.T. -0.011 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

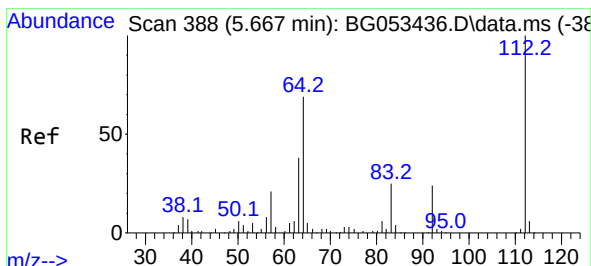
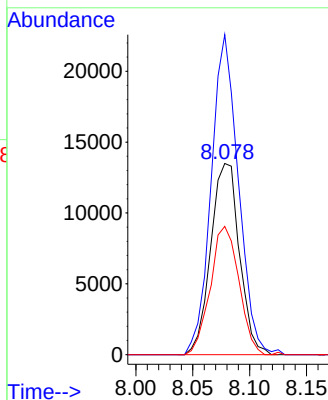
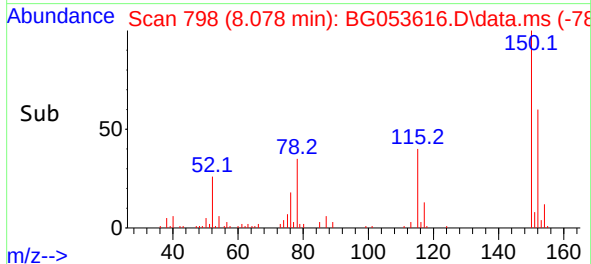
Instrument :
BNA_G
ClientSampleId :
COM-3



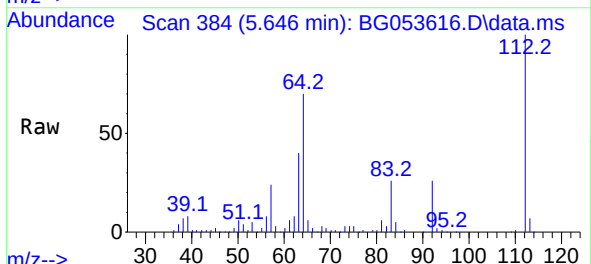
Tgt Ion:152 Resp: 2372
Ion Ratio Lower Upper
152 100
150 167.4 131.6 197.4
115 67.1 50.9 76.3

Manual Integrations
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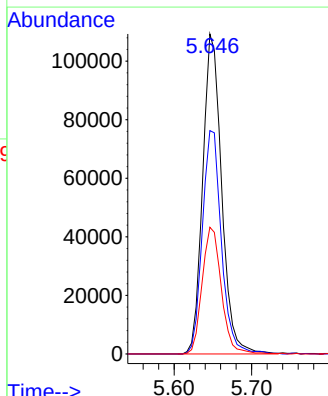
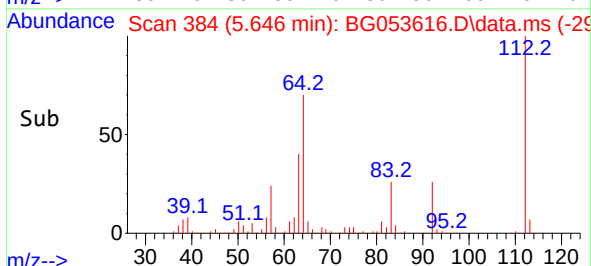
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

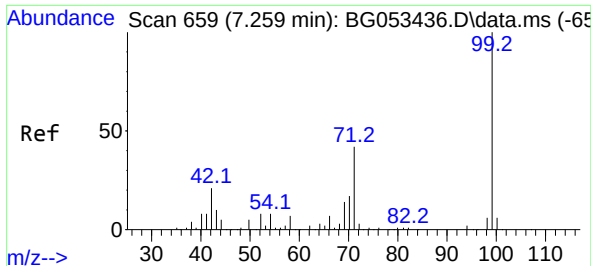


#5
2-Fluorophenol
Concen: 132.788 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21



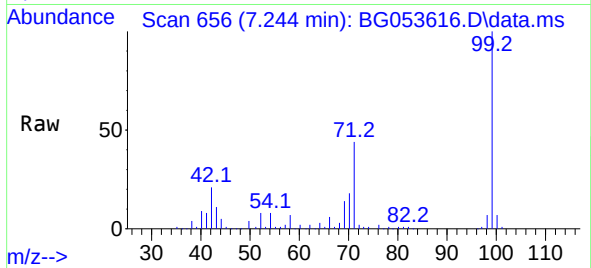
Tgt Ion:112 Resp: 185599
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 39.6 30.4 45.6





#7
Phenol-d6
Concen: 117.222 ng
RT: 7.244 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

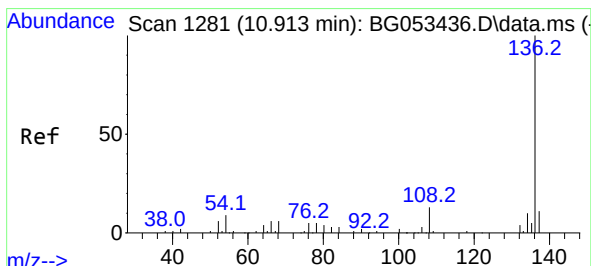
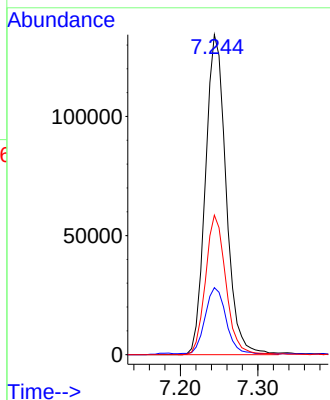
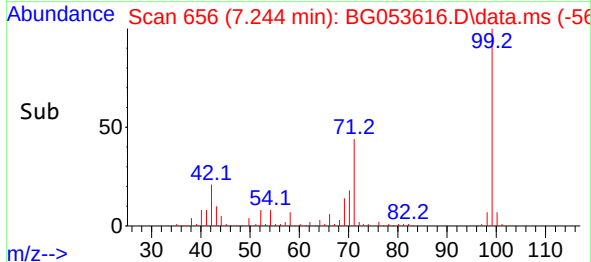
Instrument :
BNA_G
ClientSampleId :
COM-3



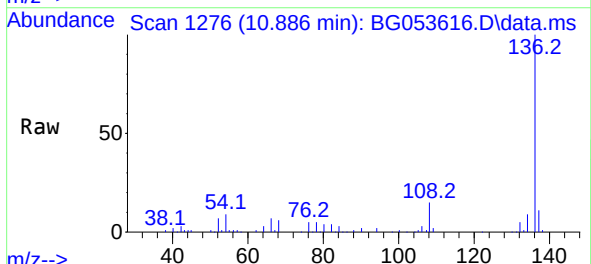
Tgt Ion: 99 Resp: 24865
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 43.6 33.8 50.8

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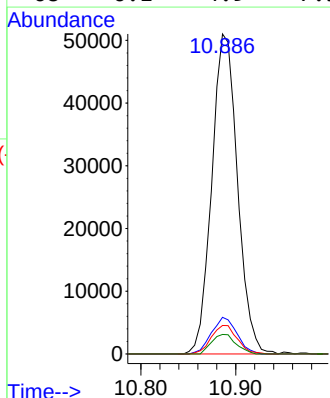
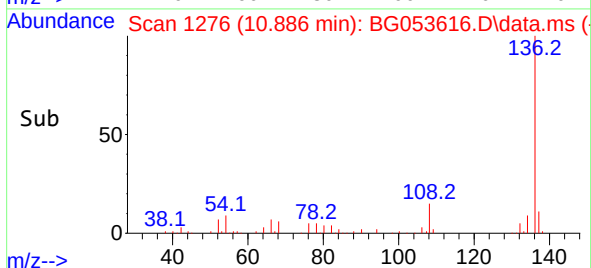
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

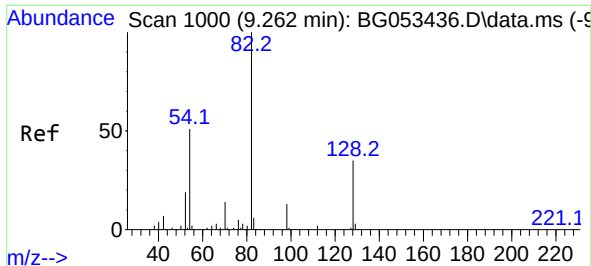


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21



Tgt Ion:136 Resp: 96226
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.9 7.4 11.2
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 92.024 ng

RT: 9.241 min Scan# 91

Delta R.T. -0.011 min

Lab File: BG053616.D

Acq: 18 May 2022 23:21

Instrument :

BNA_G

ClientSampleId :

COM-3

Tgt Ion: 82 Resp: 20802

Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

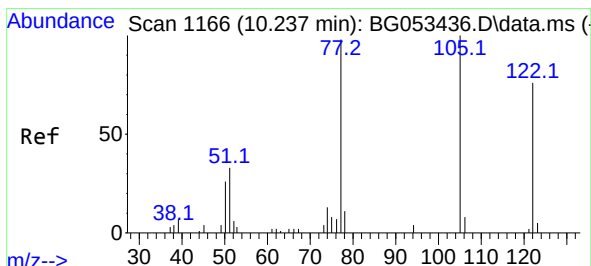
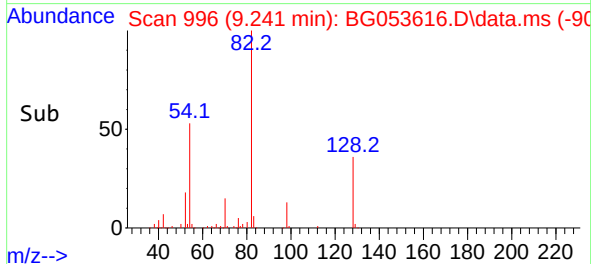
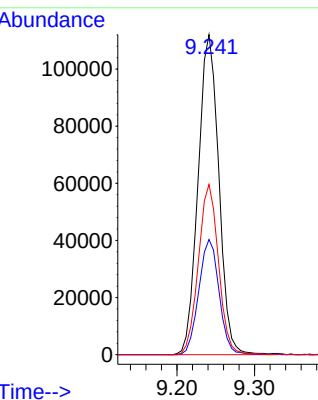
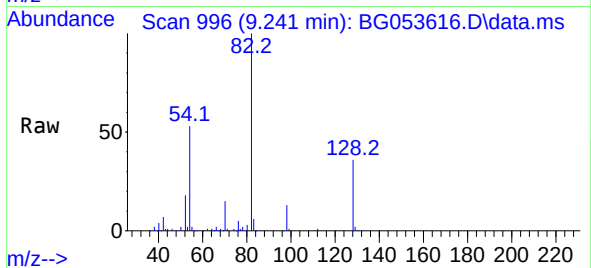
54 53.2 41.2 61.8

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#32

Benzoic acid

Concen: 15.930 ng m

RT: 10.257 min Scan# 1169

Delta R.T. 0.018 min

Lab File: BG053616.D

Acq: 18 May 2022 23:21

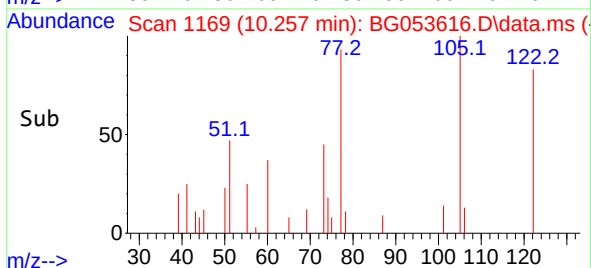
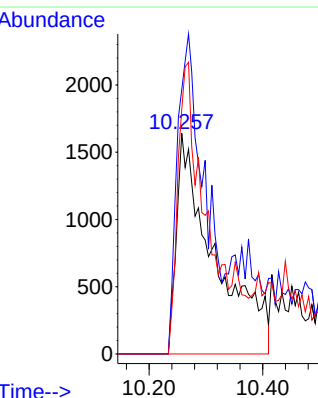
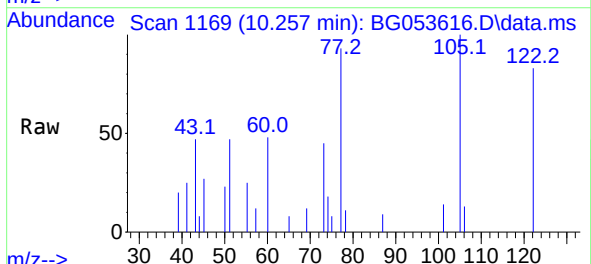
Tgt Ion:122 Resp: 7538

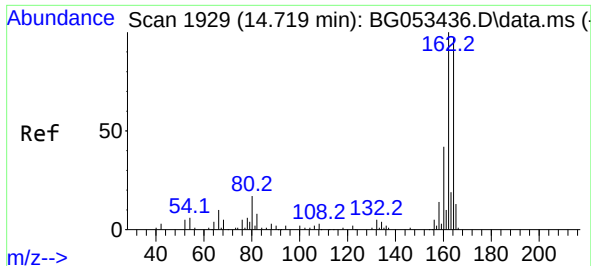
Ion Ratio Lower Upper

122 100

105 120.0 111.8 151.8

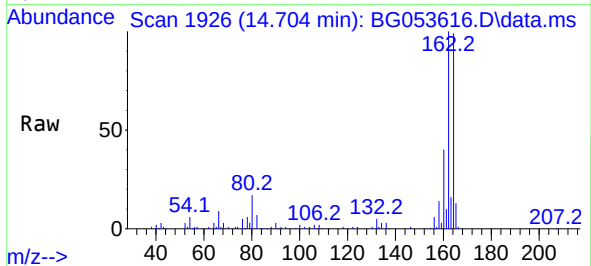
77 111.0 109.4 149.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

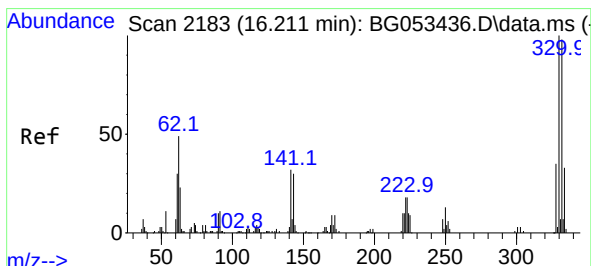
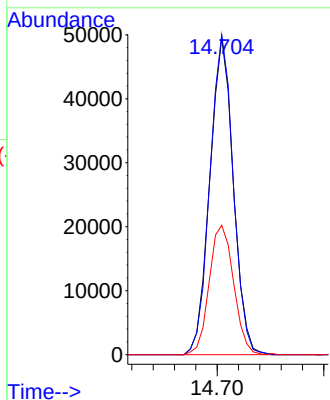
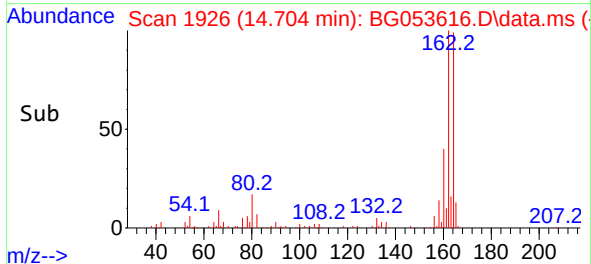
Instrument :
BNA_G
ClientSampleId :
COM-3



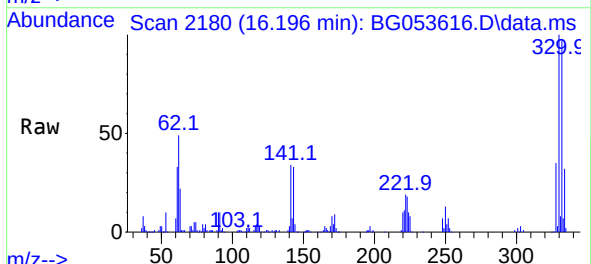
Tgt Ion:164 Resp: 7555
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 40.9 34.2 51.2

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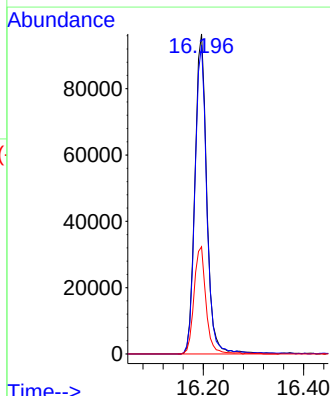
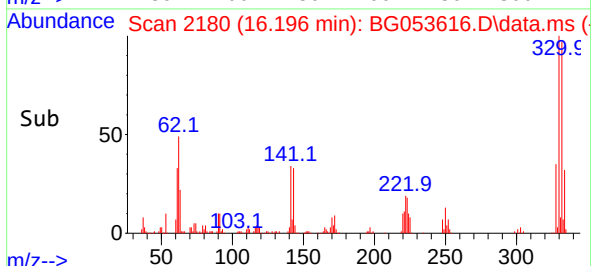
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

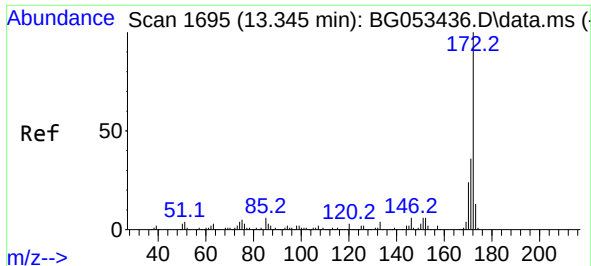


#42
2,4,6-Tribromophenol
Concen: 142.168 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21



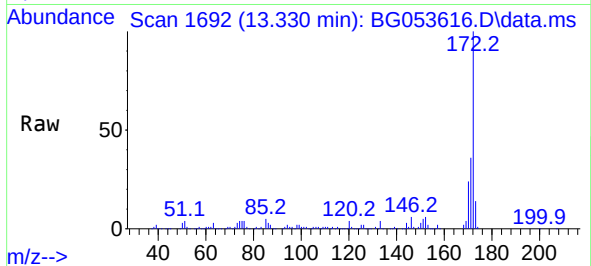
Tgt Ion:330 Resp: 158433
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.7 27.1 40.7





#45
2-Fluorobiphenyl
Concen: 87.559 ng
RT: 13.330 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

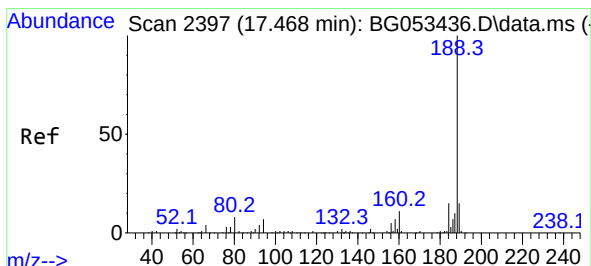
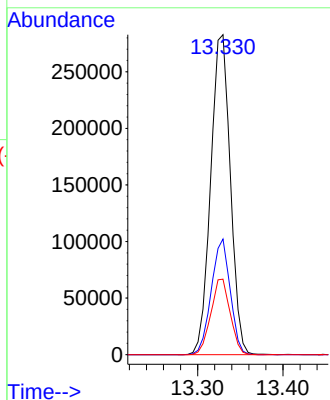
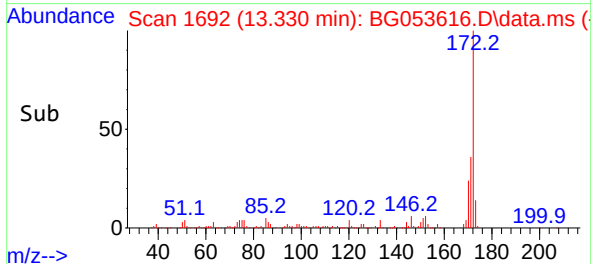
Instrument :
BNA_G
ClientSampleId :
COM-3



Tgt Ion:172 Resp: 45274
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.6 18.9 28.3

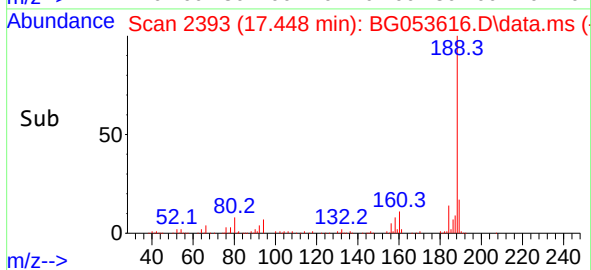
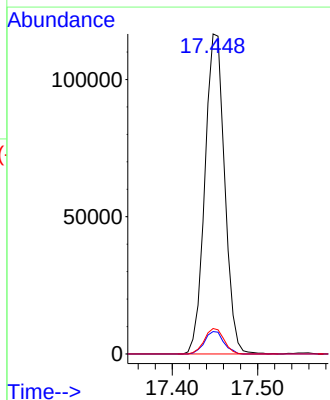
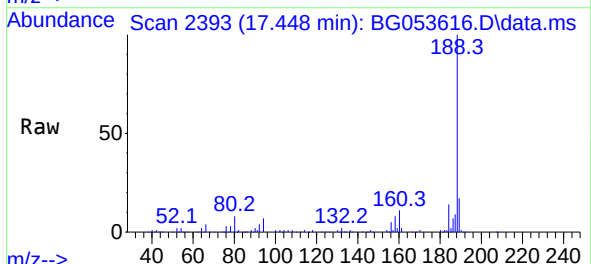
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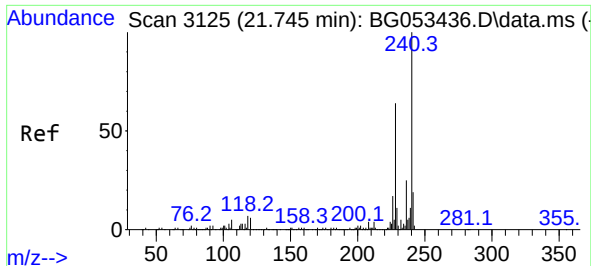
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2393
Delta R.T. -0.011 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

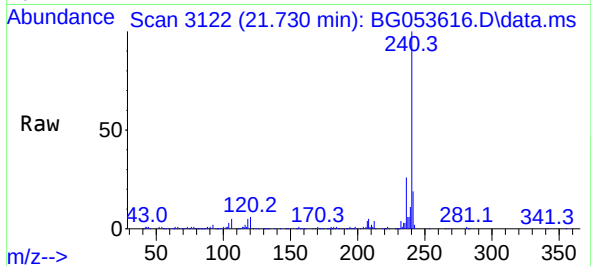
Tgt Ion:188 Resp: 187603
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.9 6.8 10.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21

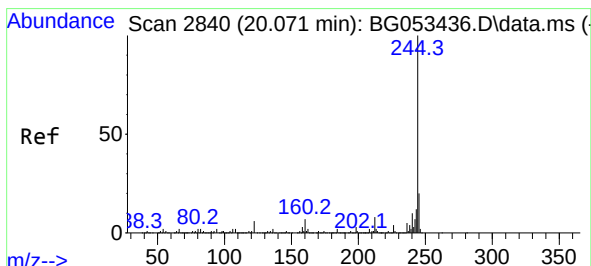
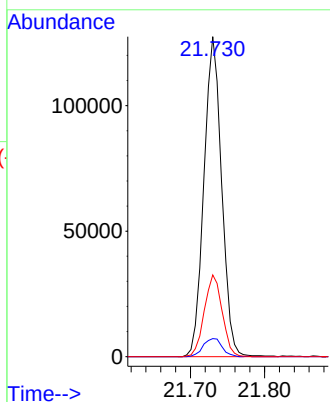
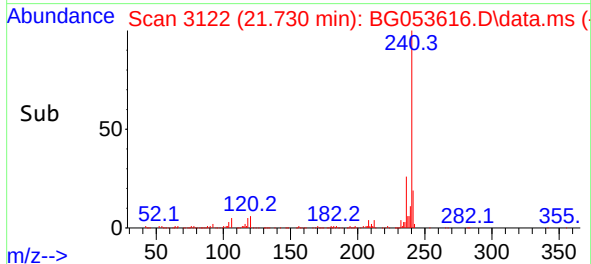
Instrument :
BNA_G
ClientSampleId :
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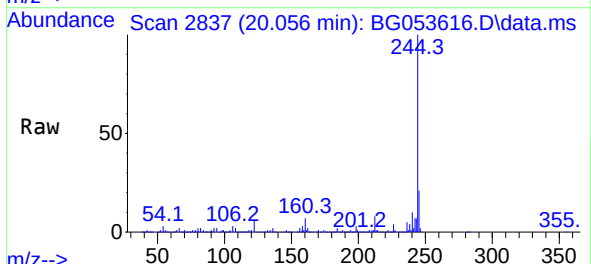
Tgt Ion:240 Resp: 21172
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.5 20.2 30.4

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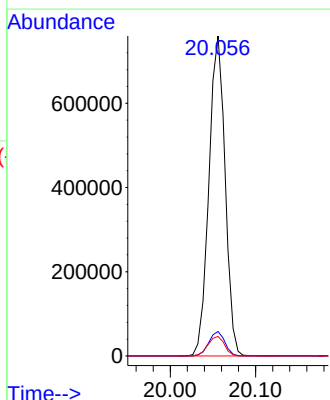
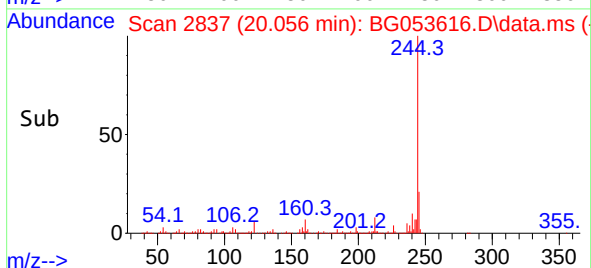
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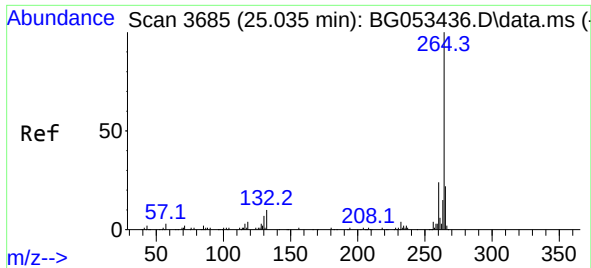


#79
Terphenyl-d14
Concen: 88.139 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053616.D
Acq: 18 May 2022 23:21



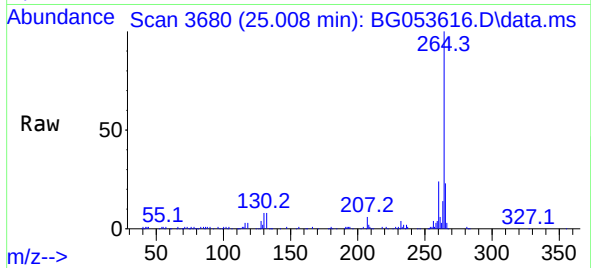
Tgt Ion:244 Resp: 1001943
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053616.D
 Acq: 18 May 2022 23:21

Instrument :
 BNA_G
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Tgt Ion:264 Resp: 213650
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.6 17.4 26.2

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