

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053635.D
 Acq On : 19 May 2022 20:51
 Operator : CG/JU
 Sample : N2871-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS003-0006-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 20 03:58:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	36054	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	151317	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	106562	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	211085	20.000	ng	0.00
76) Chrysene-d12	21.730	240	177256	20.000	ng	0.00
86) Perylene-d12	25.014	264	185661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	16830m	7.922	ng	0.00
7) Phenol-d6	7.250	99	25367	7.868	ng	0.00
23) Nitrobenzene-d5	9.241	82	17610m	4.954	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	9081m	5.778	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	41542	5.697	ng	0.00
79) Terphenyl-d14	20.050	244	55397	5.821	ng	0.00

Target Compounds Qvalue

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

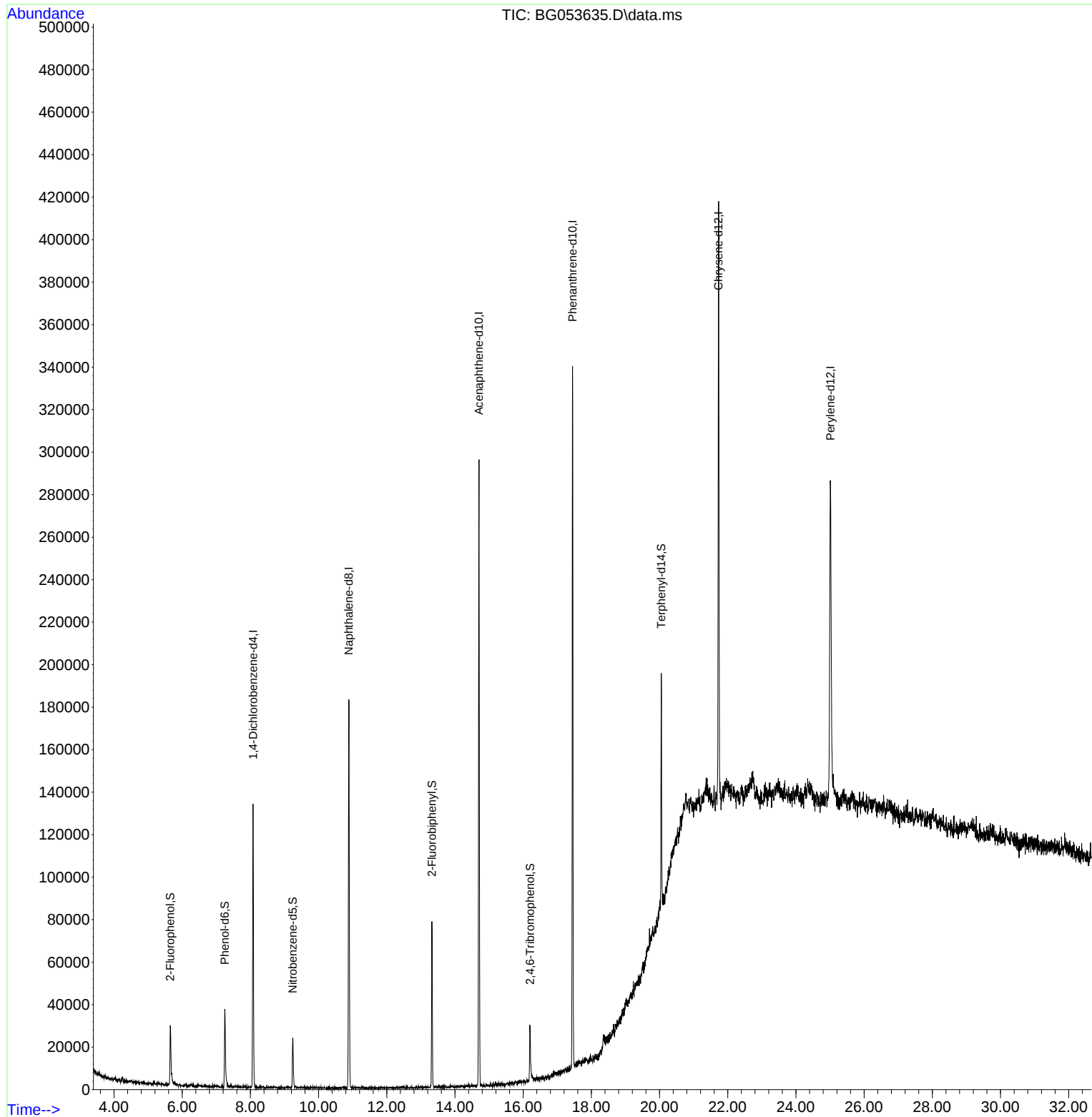
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
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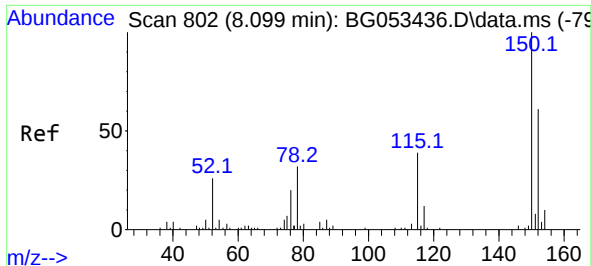
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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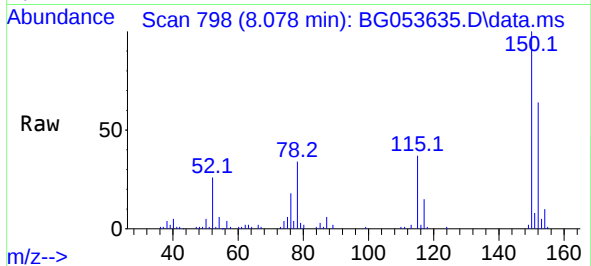
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

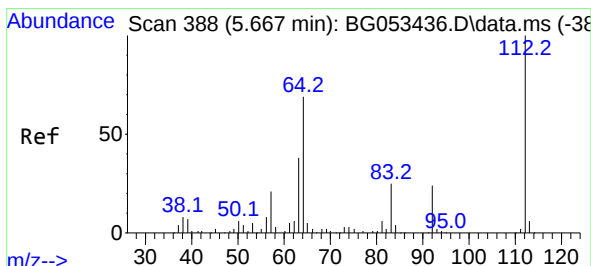
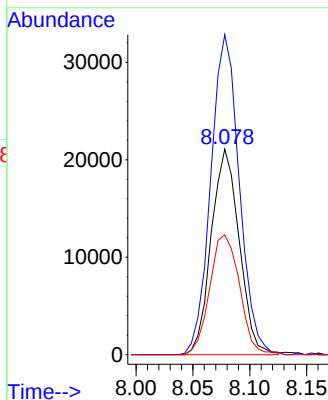
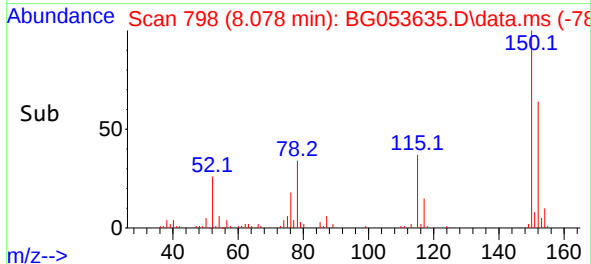
Instrument :
BNA_G
ClientSampleId :
P017-SS003-0006-01



Tgt Ion:152 Resp: 36054
Ion Ratio Lower Upper
152 100
150 155.6 131.6 197.4
115 58.2 50.9 76.3

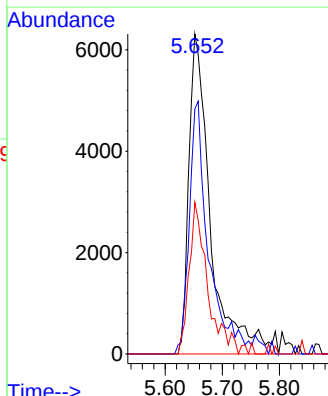
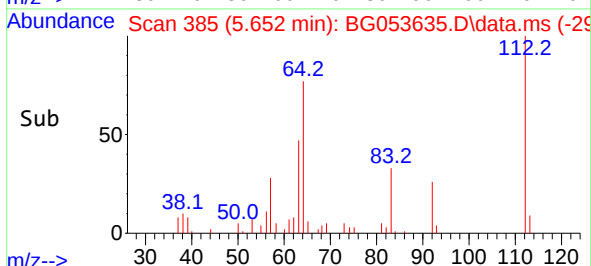
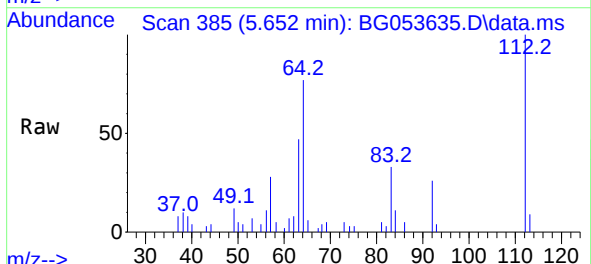
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#5
2-Fluorophenol
Concen: 7.922 ng m
RT: 5.652 min Scan# 385
Delta R.T. 0.009 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

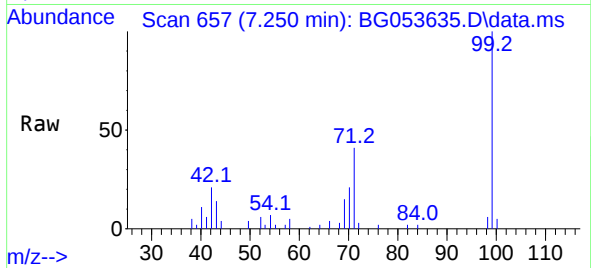
Tgt Ion:112 Resp: 16830
Ion Ratio Lower Upper
112 100
64 76.6 55.1 82.7
63 47.4 30.4 45.6#





#7
Phenol-d6
Concen: 7.868 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

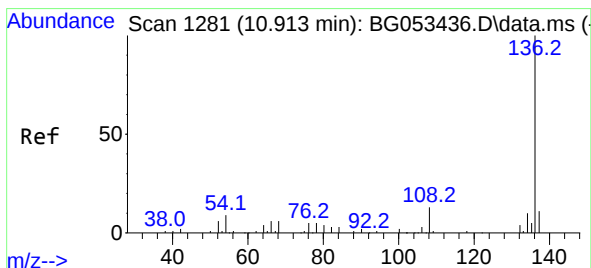
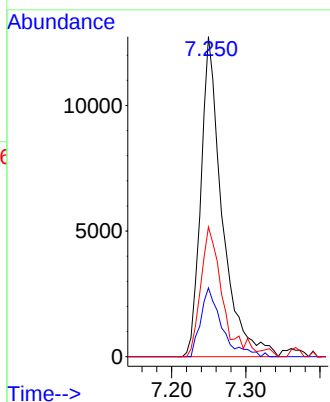
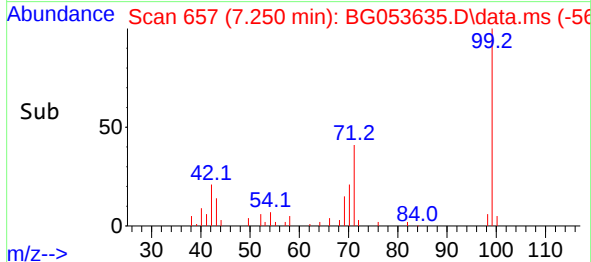
Instrument :
BNA_G
ClientSampleId :
P017-SS003-0006-01



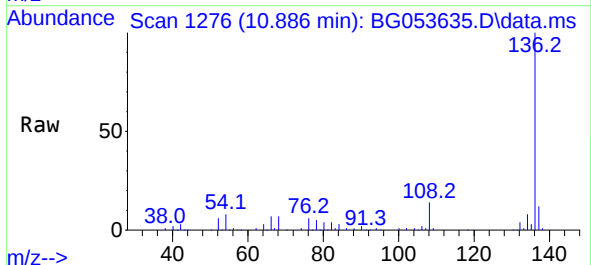
Tgt Ion: 99 Resp: 2536
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 40.5 33.8 50.8

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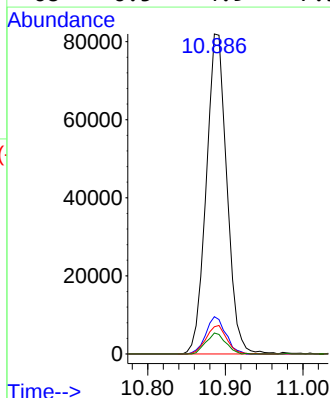
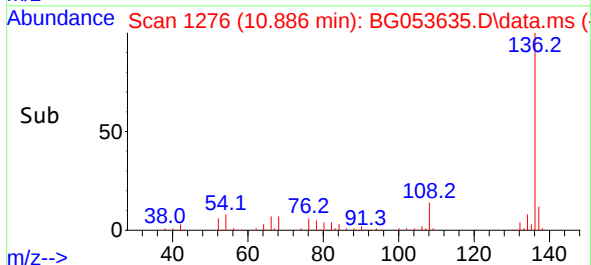
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1276
Delta R.T. 0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51



Tgt Ion:136 Resp: 151317
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 8.5 7.4 11.2
68 6.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 4.954 ng m

RT: 9.241 min Scan# 90

Delta R.T. 0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

Instrument :

BNA_G

ClientSampleId :

P017-SS003-0006-01

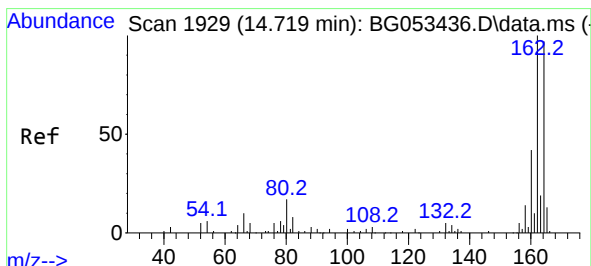
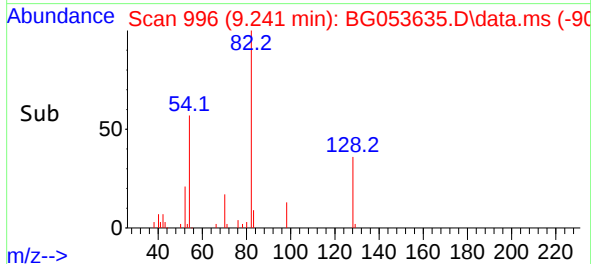
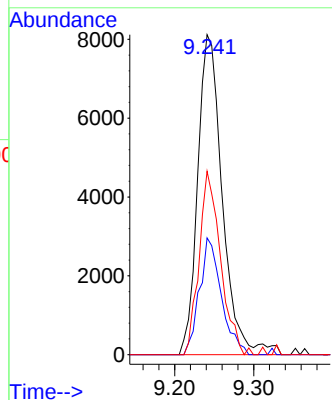
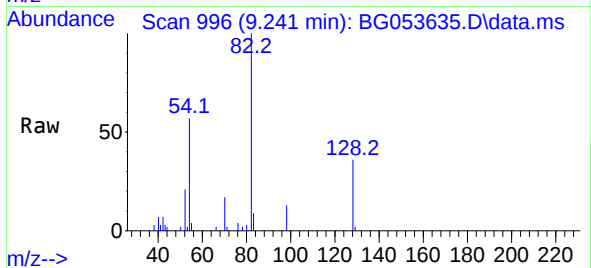
Tgt Ion: 82 Resp: 17610

Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.9	41.9
54	57.3	41.2	61.8

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

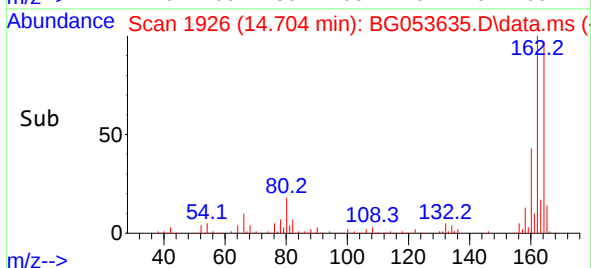
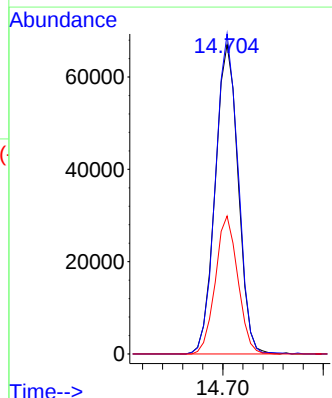
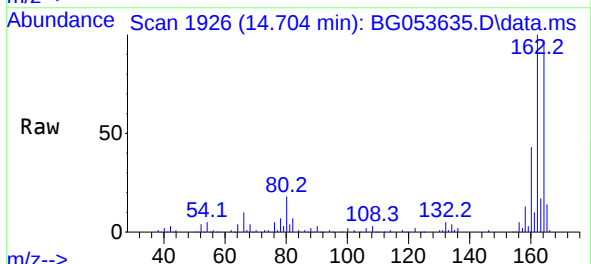
Delta R.T. 0.003 min

Lab File: BG053635.D

Acq: 19 May 2022 20:51

Tgt Ion:164 Resp: 106562

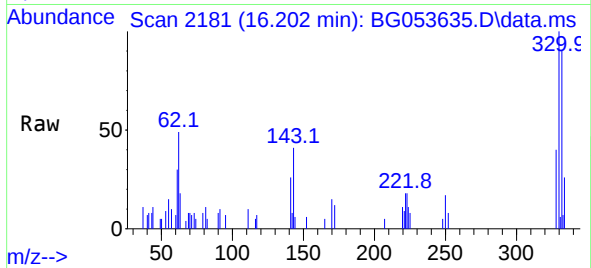
Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	44.6	34.2	51.2





#42
2,4,6-Tribromophenol
Concen: 5.778 ng m
RT: 16.202 min Scan# 2183
Delta R.T. 0.009 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

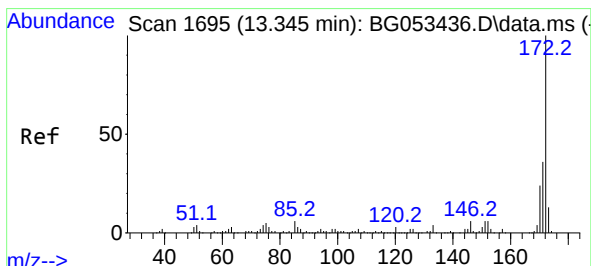
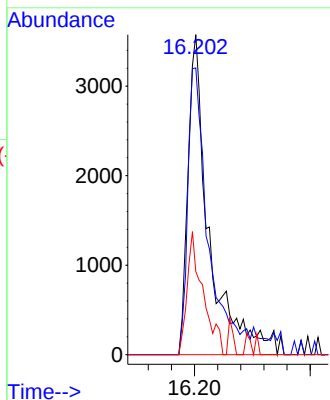
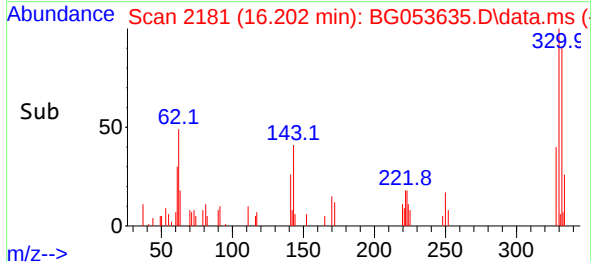
Instrument :
BNA_G
ClientSampleId :
P017-SS003-0006-01



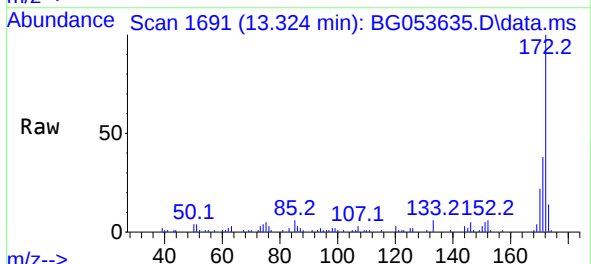
Tgt Ion:330 Resp: 908
Ion Ratio Lower Upper
330 100
332 85.5 76.0 114.0
141 28.9 27.1 40.7

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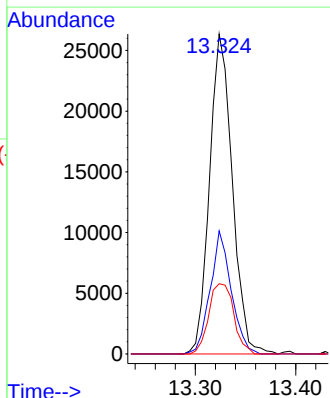
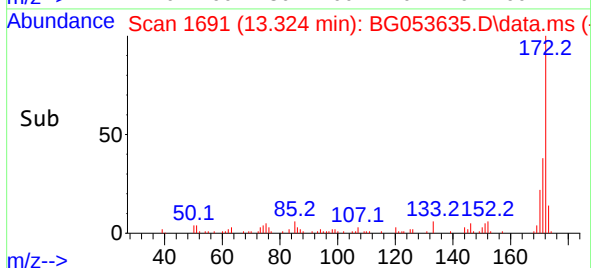
Reviewed By :Christian Giraldo 05/20/2022
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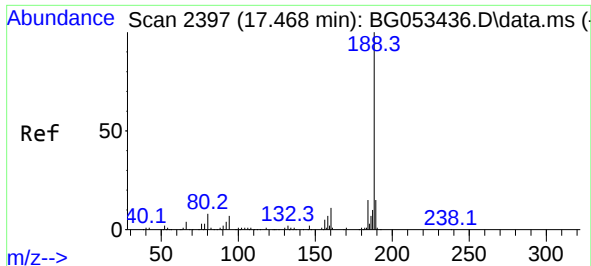


#45
2-Fluorobiphenyl
Concen: 5.697 ng
RT: 13.324 min Scan# 1691
Delta R.T. -0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51



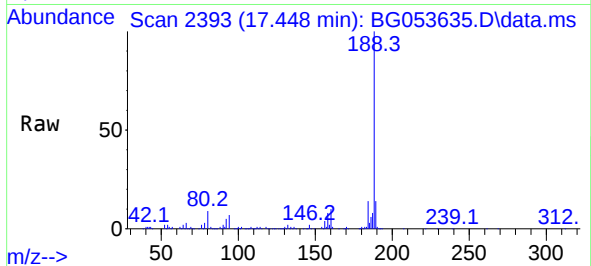
Tgt Ion:172 Resp: 41542
Ion Ratio Lower Upper
172 100
171 38.4 28.5 42.7
170 21.9 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 21108
Delta R.T. -0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

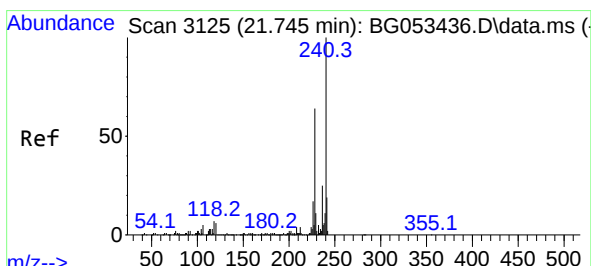
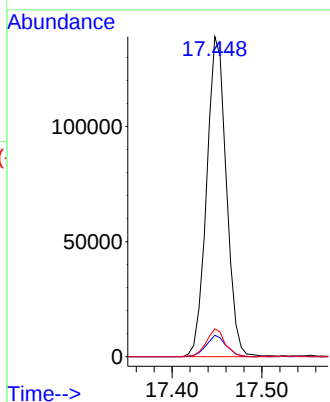
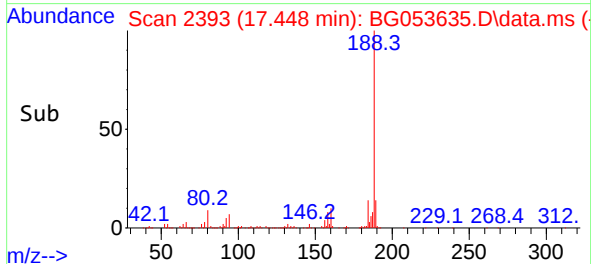
Instrument :
BNA_G
ClientSampleId :
P017-SS003-0006-01



Tgt Ion:188 Resp: 21108
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.7 6.8 10.2

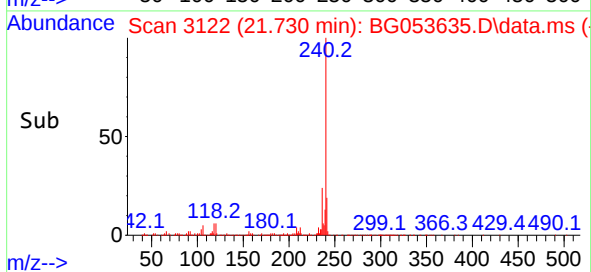
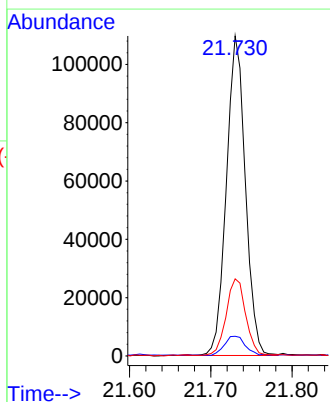
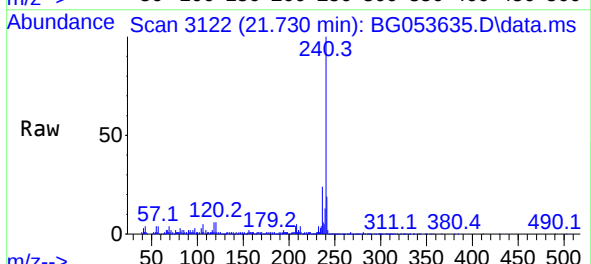
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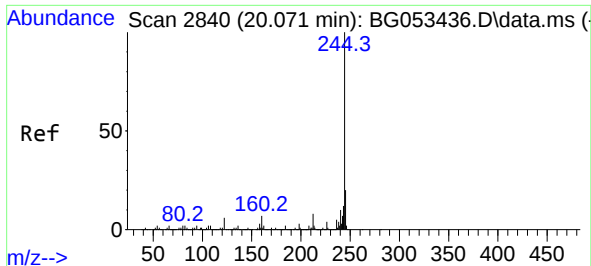
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

Tgt Ion:240 Resp: 177256
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 24.1 20.2 30.4





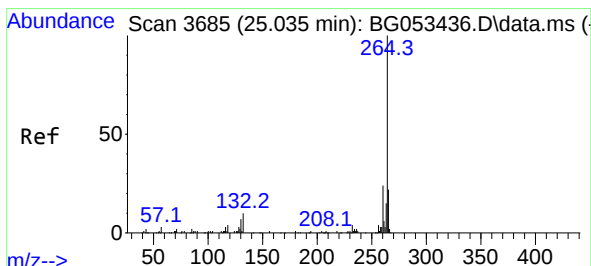
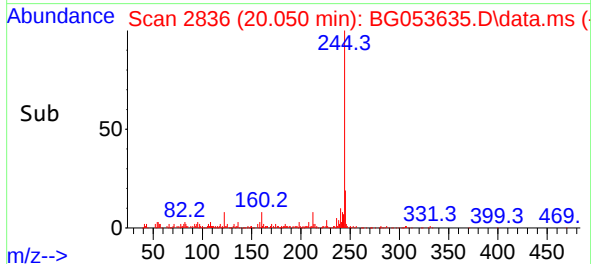
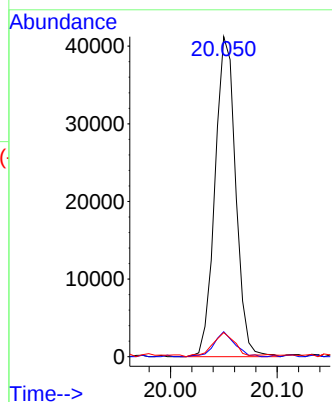
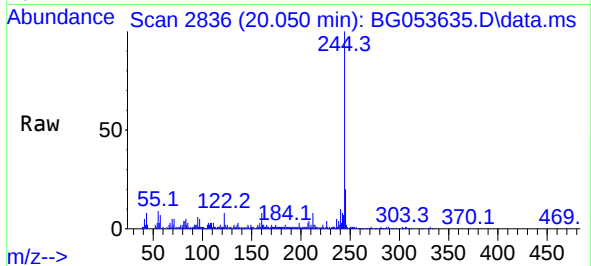
#79
Terphenyl-d14
Concen: 5.821 ng
RT: 20.050 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

Instrument :
BNA_G
ClientSampleId :
P017-SS003-0006-01

Tgt Ion:244 Resp: 5539
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.6 5.0 7.4

Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3681
Delta R.T. 0.009 min
Lab File: BG053635.D
Acq: 19 May 2022 20:51

Tgt Ion:264 Resp: 185661
Ion Ratio Lower Upper
264 100
260 21.8 19.0 28.6
265 22.9 17.4 26.2

