

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053636.D
 Acq On : 19 May 2022 21:31
 Operator : CG/JU
 Sample : N2871-16 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS004-0006-01

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:58:25 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	8.082	152	36620	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	143192	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	103110	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	210033	20.000	ng	0.00
76) Chrysene-d12	21.728	240	179432	20.000	ng	0.00
86) Perylene-d12	25.012	264	182438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	13334	6.180	ng	0.01
7) Phenol-d6	7.254	99	19225m	5.871	ng	0.01
23) Nitrobenzene-d5	9.245	82	13401	3.984	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	5756	3.785	ng	0.01
45) 2-Fluorobiphenyl	13.328	172	32297	4.577	ng	0.00
79) Terphenyl-d14	20.054	244	47466	4.927	ng	0.00

Target Compounds Qvalue

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

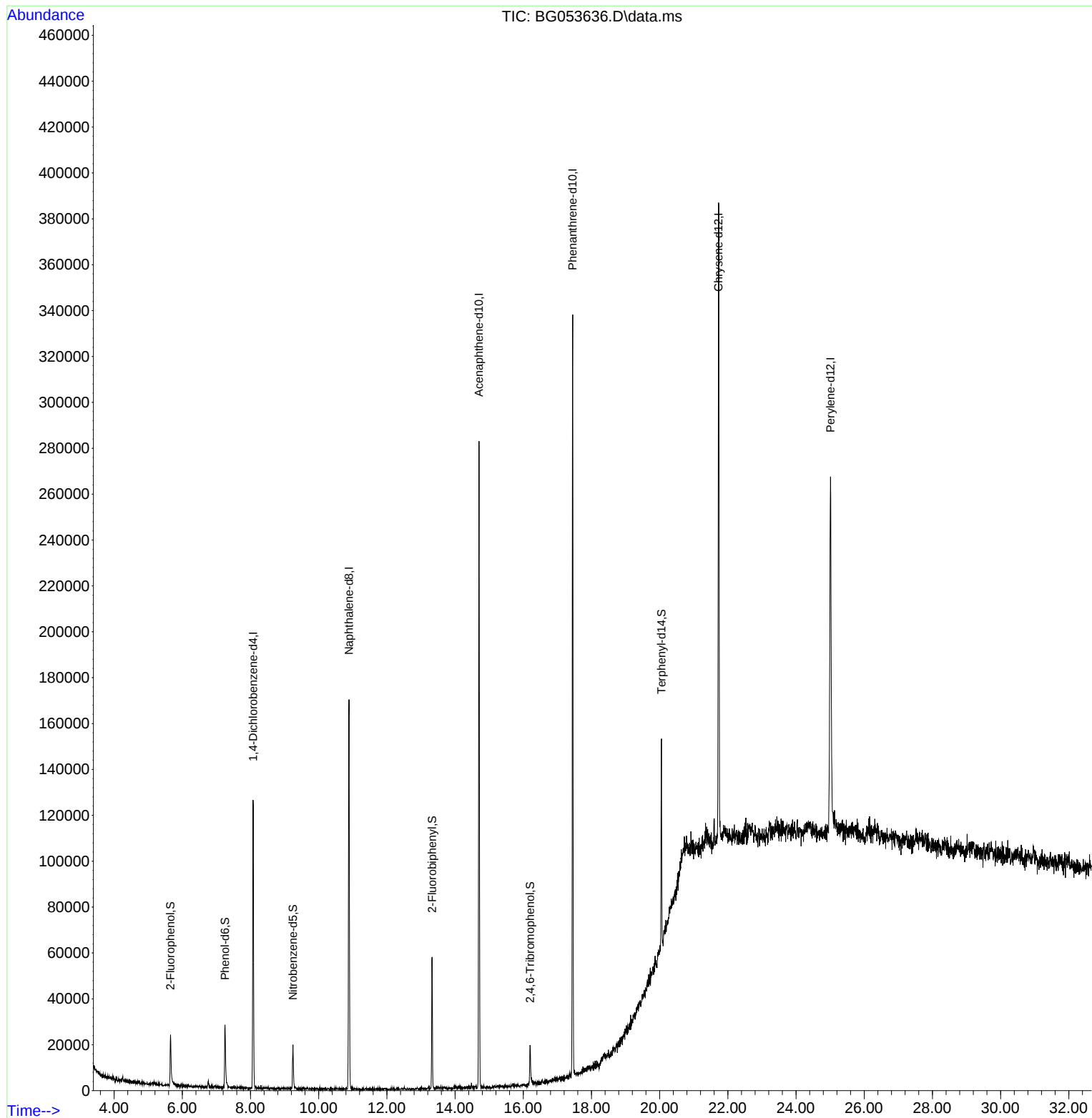
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053636.D
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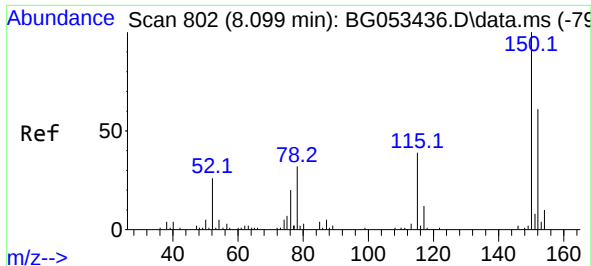
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Quant Time: May 20 03:58:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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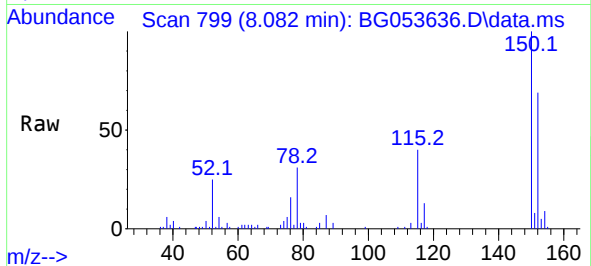
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

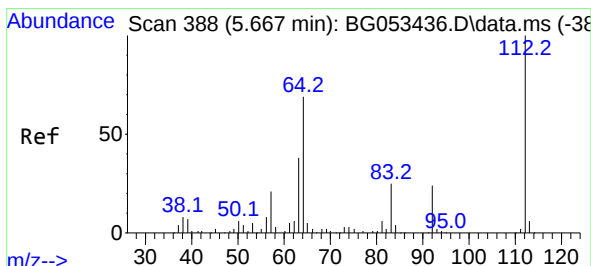
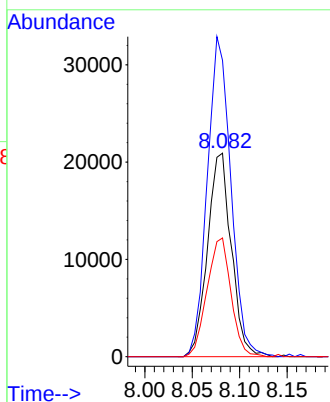
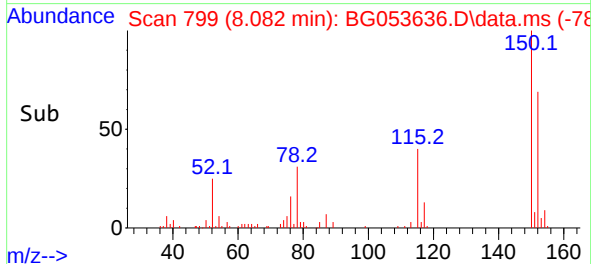
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01



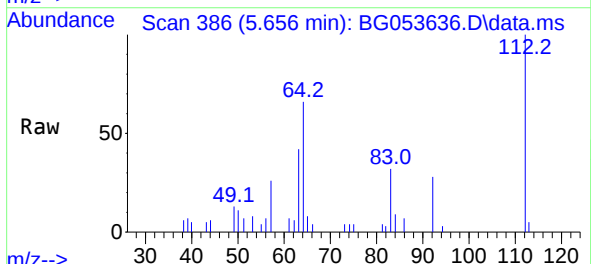
Tgt Ion:152 Resp: 36620
Ion Ratio Lower Upper
152 100
150 145.6 131.6 197.4
115 58.3 50.9 76.3

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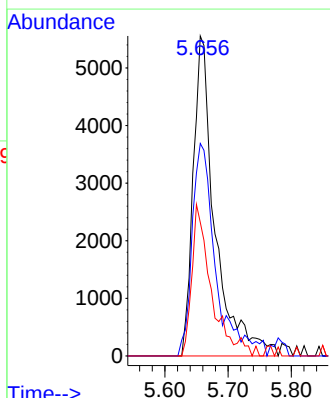
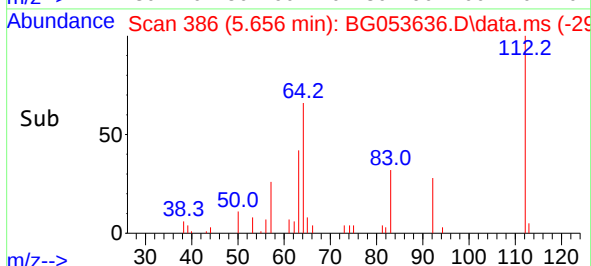
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#5
2-Fluorophenol
Concen: 6.180 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31



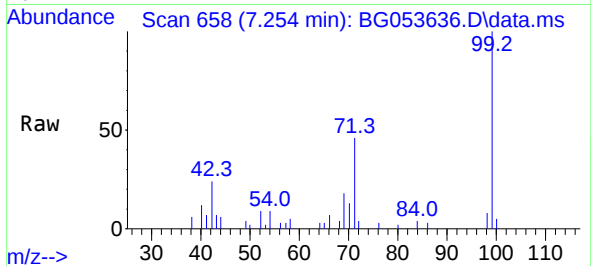
Tgt Ion:112 Resp: 13334
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 41.8 30.4 45.6





#7
Phenol-d6
Concen: 5.871 ng m
RT: 7.254 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

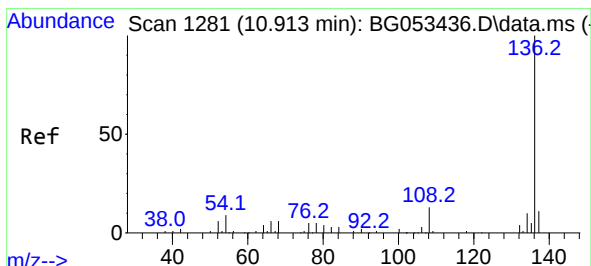
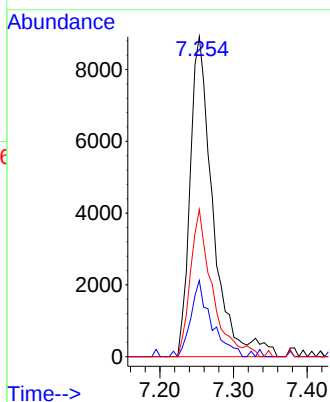
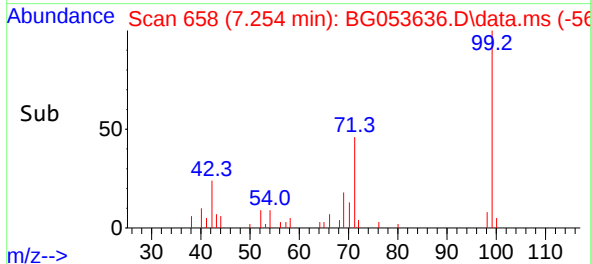
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01



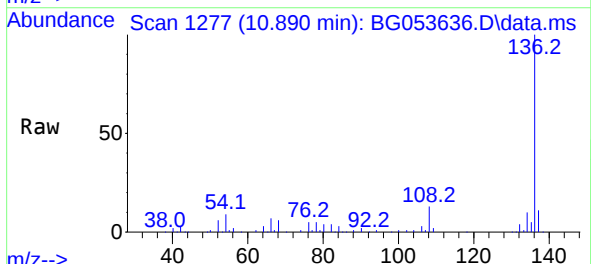
Tgt Ion: 99 Resp: 1922
Ion Ratio Lower Upper
99 100
42 23.8 17.0 25.6
71 46.0 33.8 50.8

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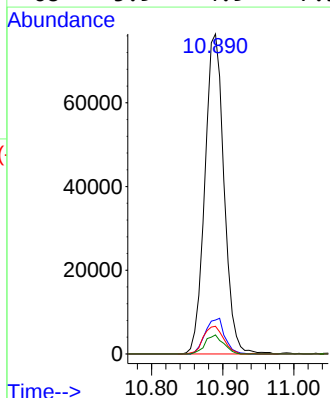
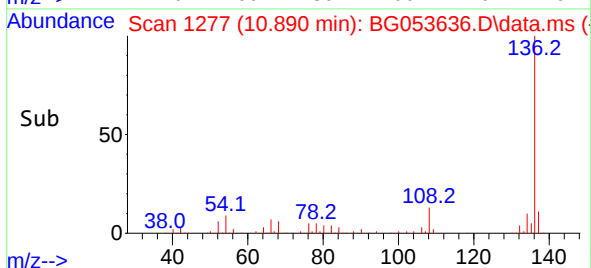
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31



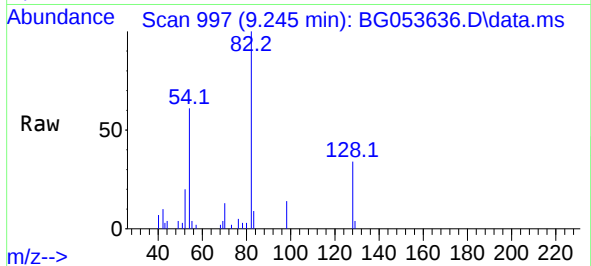
Tgt Ion:136 Resp: 143192
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 8.7 7.4 11.2
68 5.9 4.9 7.3





#23
Nitrobenzene-d5
Concen: 3.984 ng
RT: 9.245 min Scan# 91
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

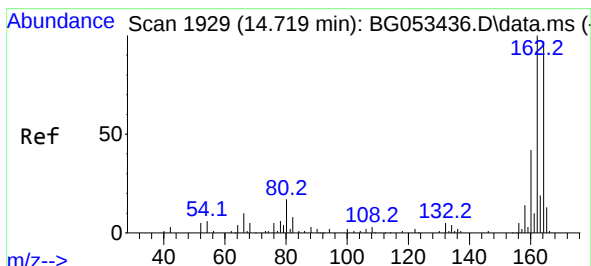
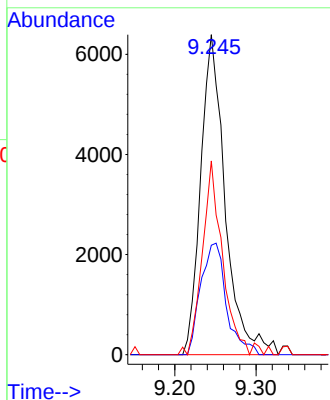
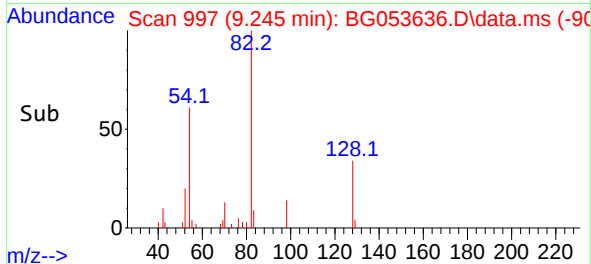
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01



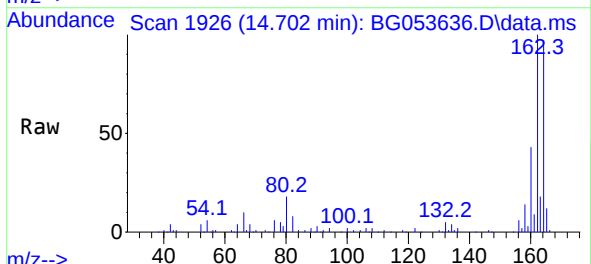
Tgt Ion: 82 Resp: 1340
Ion Ratio Lower Upper
82 100
128 34.2 27.9 41.9
54 60.5 41.2 61.8

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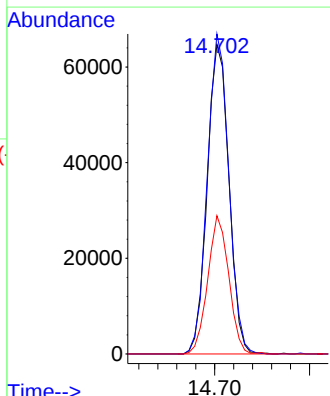
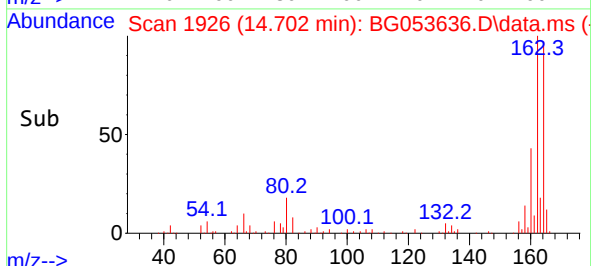
Reviewed By :Christian Giraldo 05/20/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31



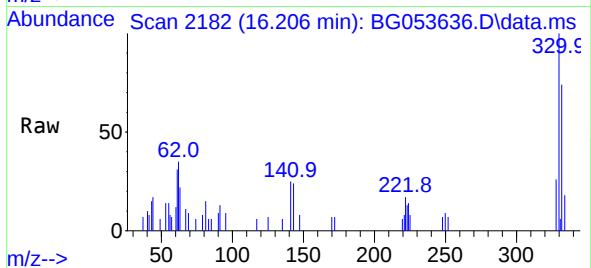
Tgt Ion:164 Resp: 103110
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 44.6 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 3.785 ng
RT: 16.206 min Scan# 2183
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

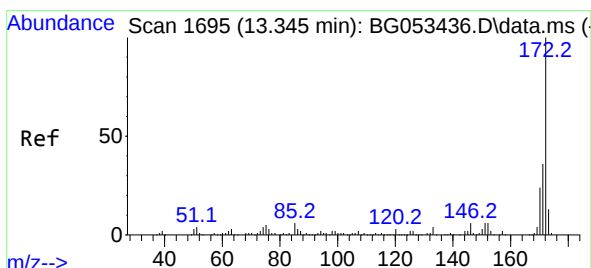
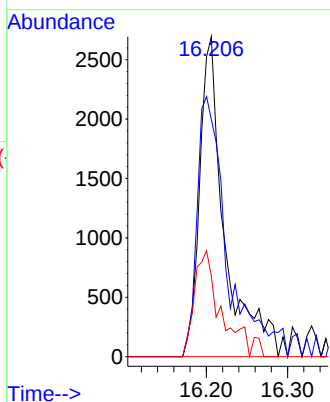
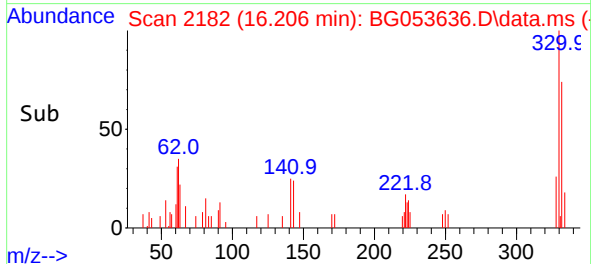
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01



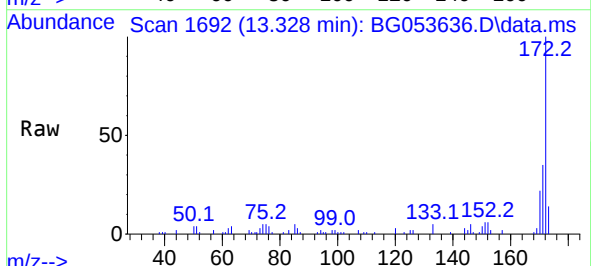
Tgt Ion:330 Resp: 5750
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 34.1 27.1 40.7

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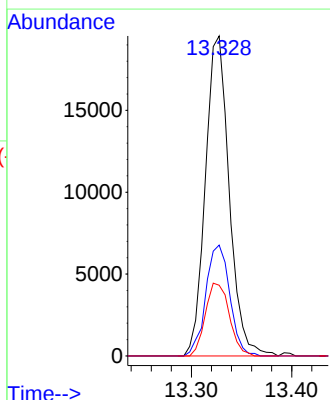
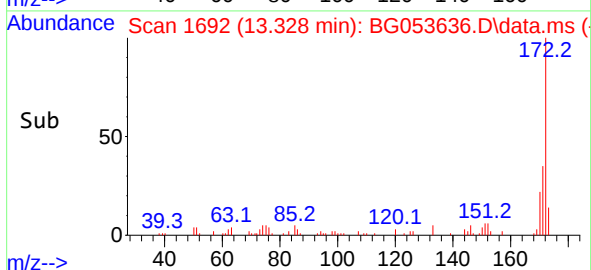
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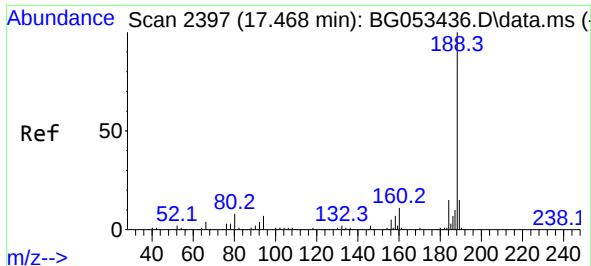


#45
2-Fluorobiphenyl
Concen: 4.577 ng
RT: 13.328 min Scan# 1692
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31



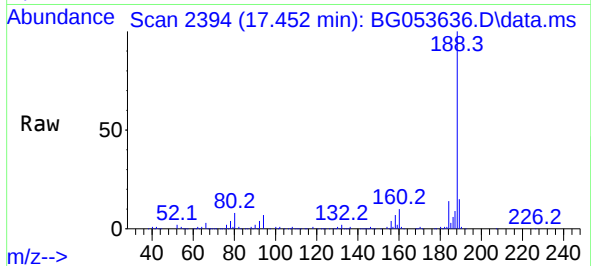
Tgt Ion:172 Resp: 32297
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 21003
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

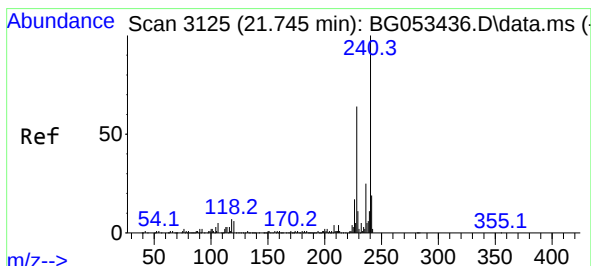
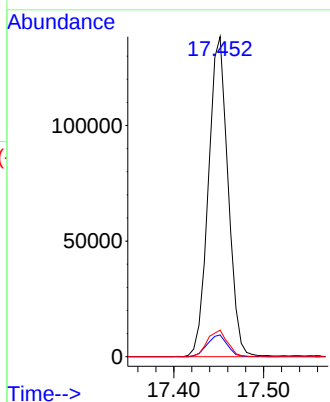
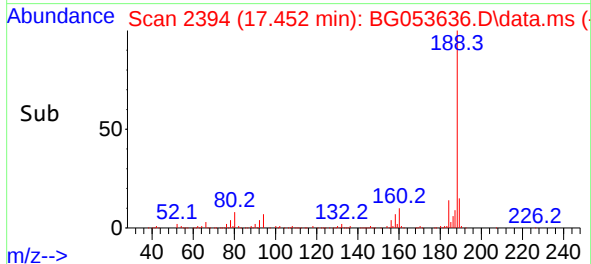
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BNA_G
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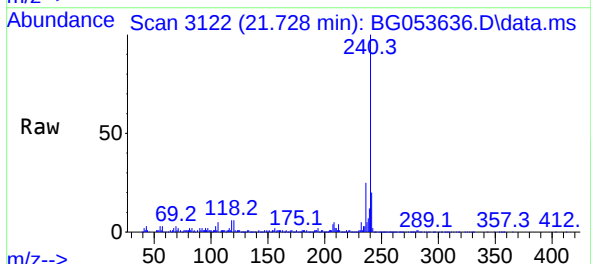
Tgt Ion:188 Resp: 21003
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.3 6.8 10.2

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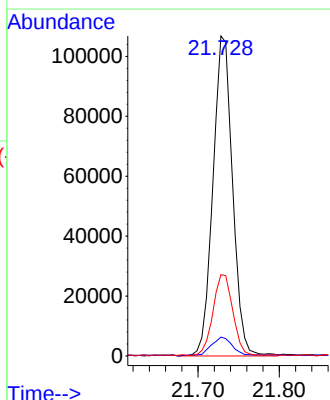
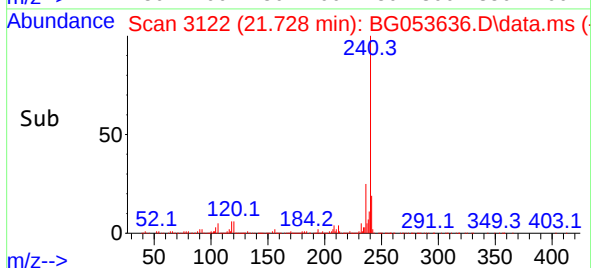
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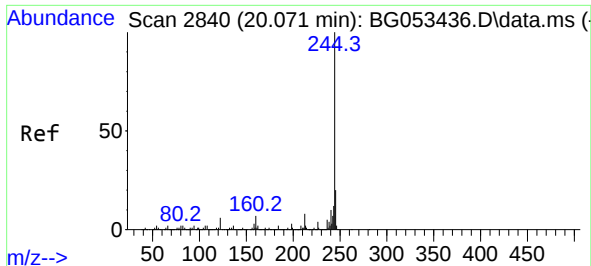


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31



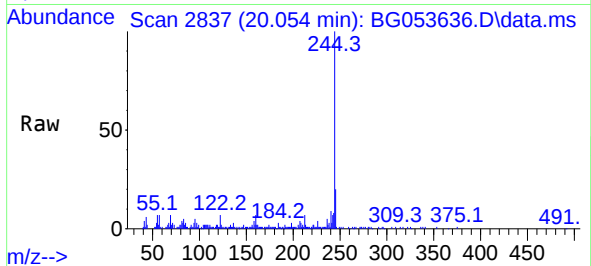
Tgt Ion:240 Resp: 179432
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.4 20.2 30.4





#79
 Terphenyl-d14
 Concen: 4.927 ng
 RT: 20.054 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053636.D
 Acq: 19 May 2022 21:31

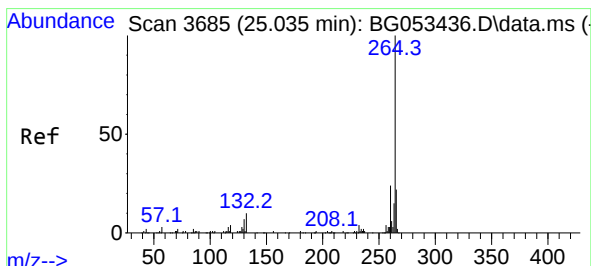
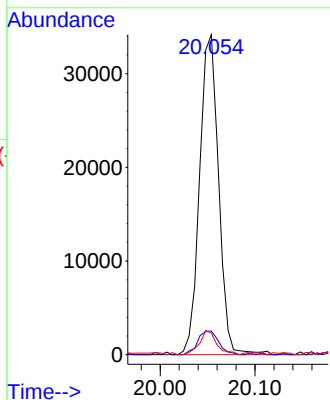
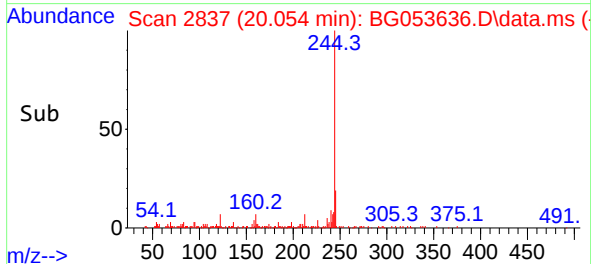
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Tgt Ion:244 Resp: 47460
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.7 5.0 7.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. 0.007 min
 Lab File: BG053636.D
 Acq: 19 May 2022 21:31

Tgt Ion:264 Resp: 182438
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.1 17.4 26.2

