

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035462.D
 Acq On : 28 Jun 2018 2:00
 Operator : JU/SJ
 Sample : J3694-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Jun 28 05:45:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45278	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	174933	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	124317	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	327151	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	347427	20.00	ng	-0.04
86) Perylene-d12	24.89	264	334316	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	191801	71.49	ng	-0.01
7) Phenol-d6	7.21	99	175095	44.22	ng	-0.01
23) Nitrobenzene-d5	9.22	82	432077	117.41	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	308061	193.58	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	919067	96.11	ng	-0.03
78) Terphenyl-d14	20.02	244	1684128	101.54	ng	-0.02

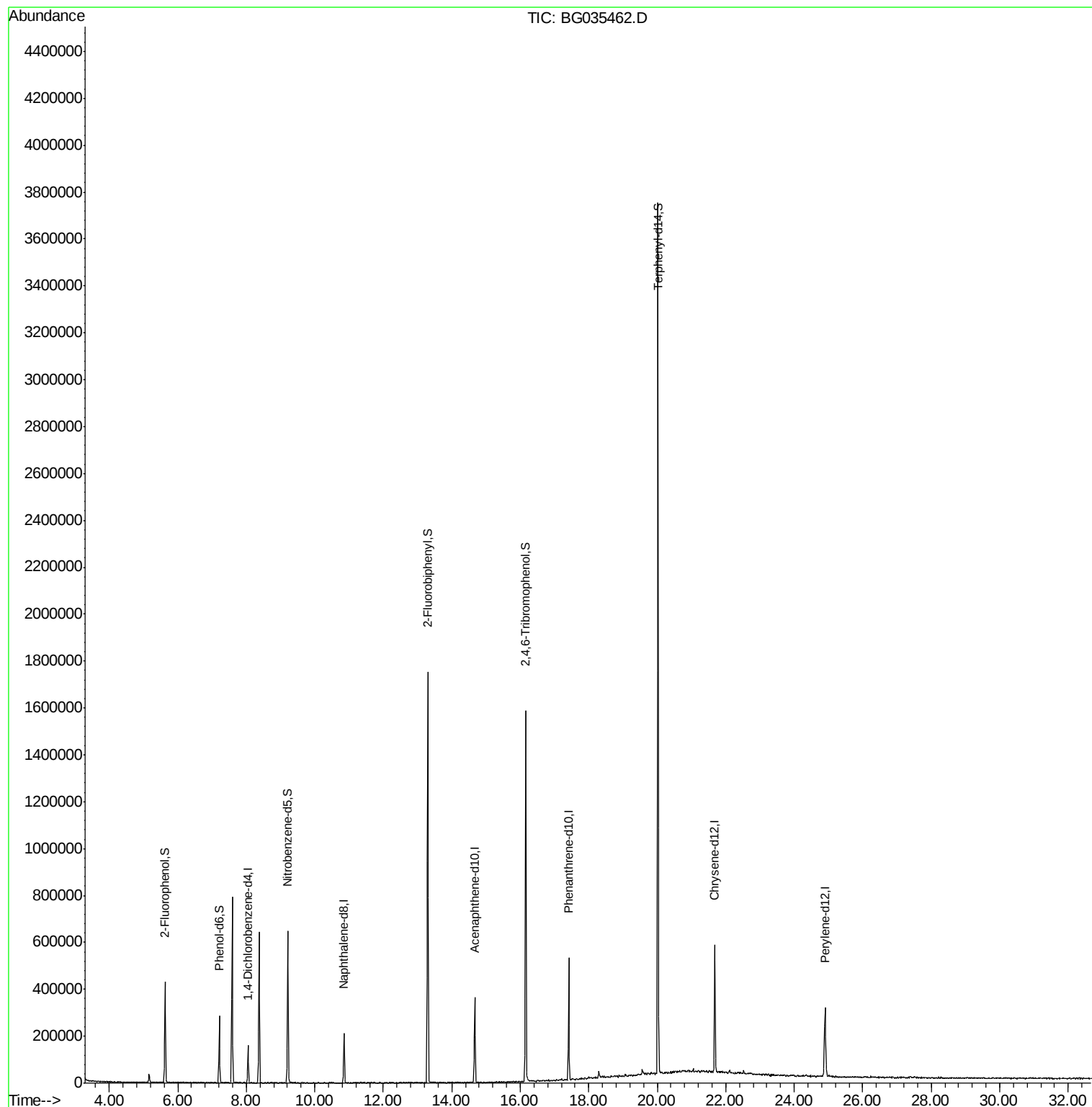
Target Compounds Qvalue

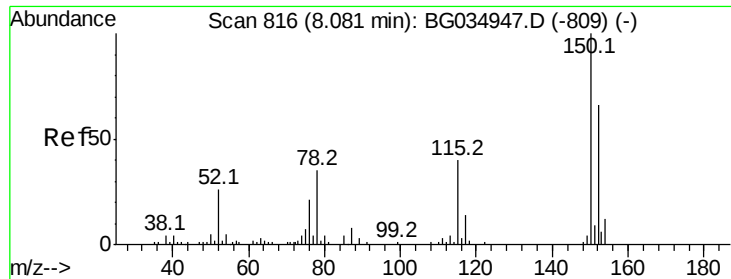
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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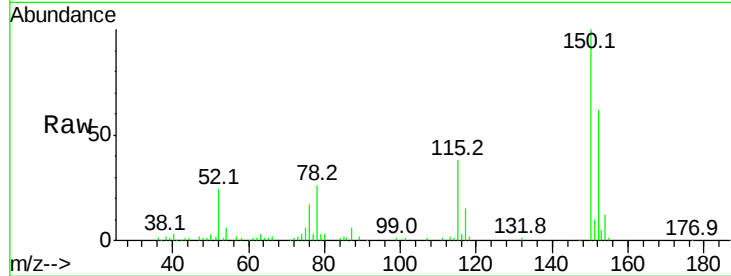


#1

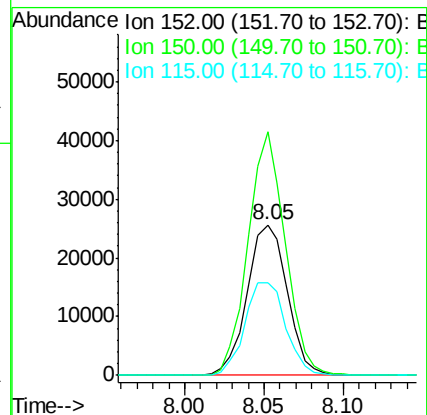
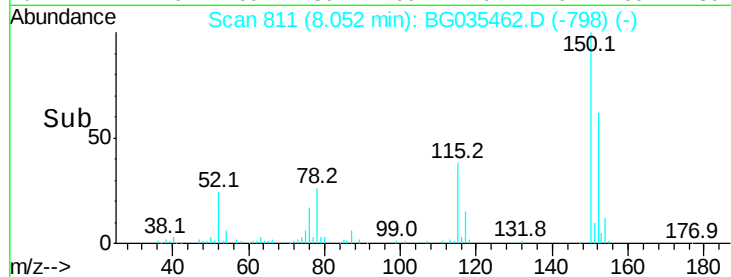
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035462.D
Acq: 28 Jun 2018 2:00

Instrument :
BNA_G
ClientSampleId :
MW-9

Tot Ion:152 Resp: 45278
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 61.6 53.0 79.4



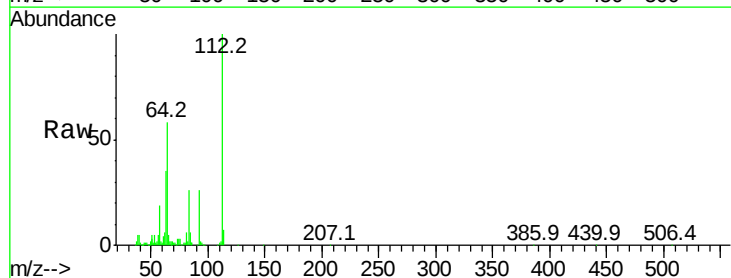
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



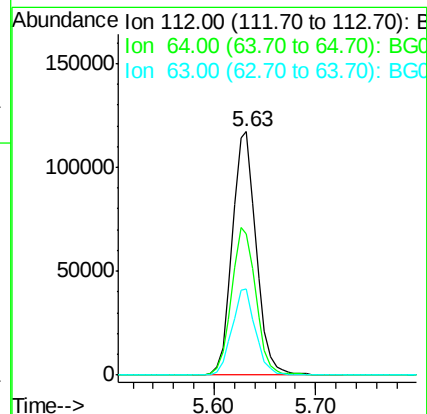
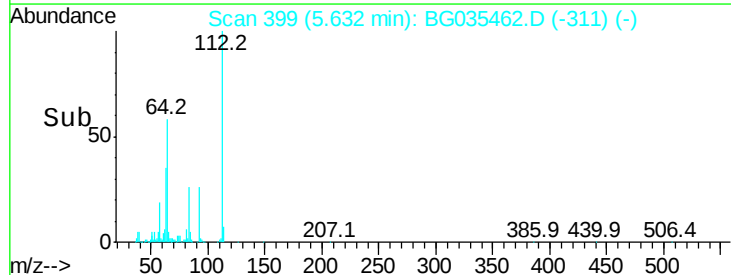
#5

2-Fluorophenol
Concen: 71.488 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035462.D
Acq: 28 Jun 2018 2:00

Tgt Ion:112 Resp: 191801
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 35.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.217 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

Instrument :

BNA_G

ClientSampled :

MW-9

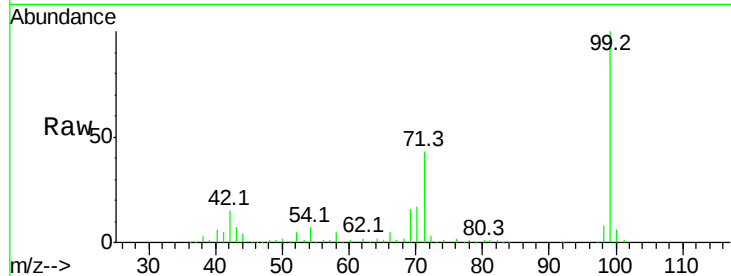
Tot Ion: 99 Resp: 175095

Ion Ratio Lower Upper

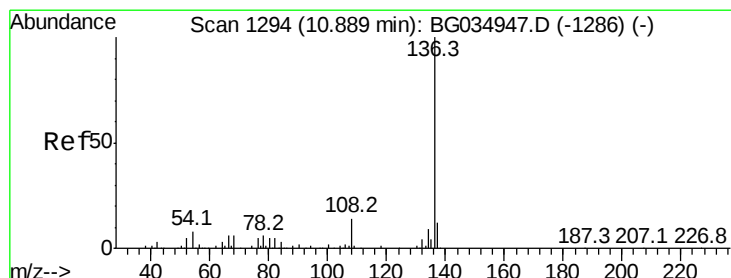
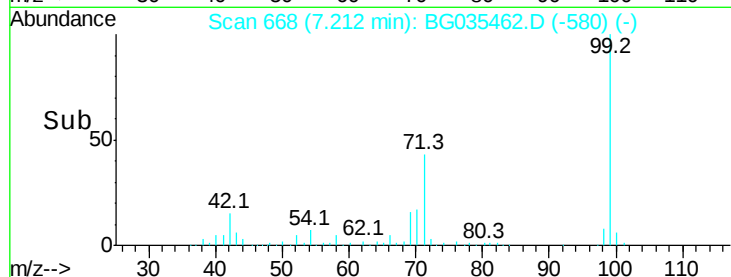
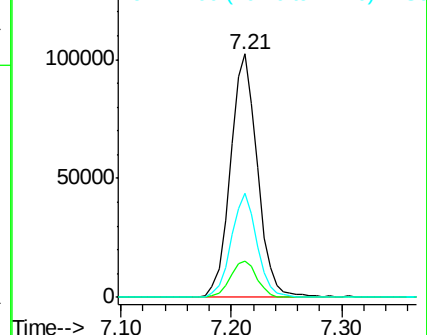
99 100

42 15.0 14.1 21.1

71 42.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

Tgt Ion: 136 Resp: 174933

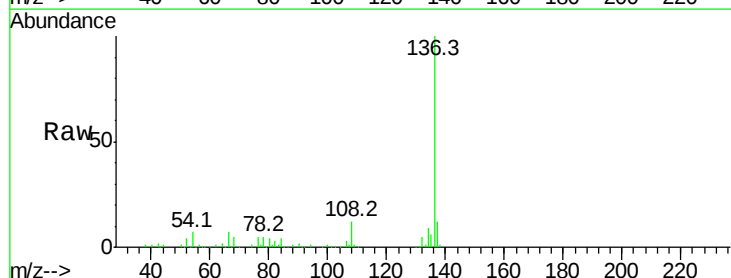
Ion Ratio Lower Upper

136 100

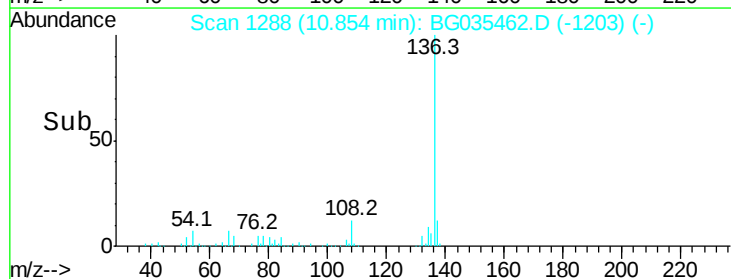
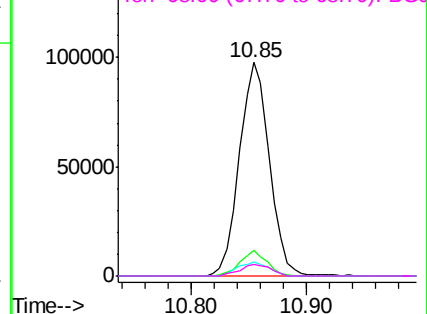
137 12.2 9.2 13.8

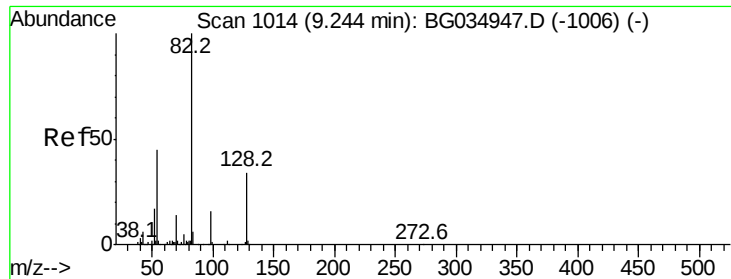
54 6.6 10.3 15.5#

68 5.2 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

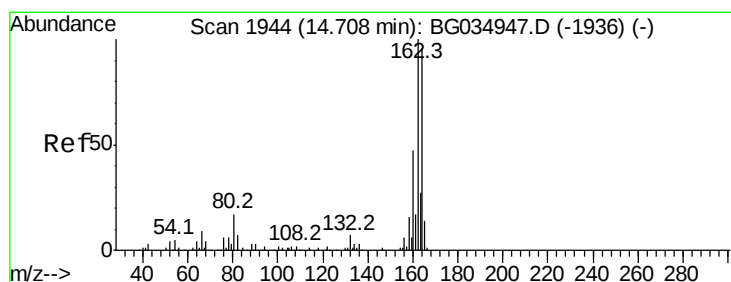
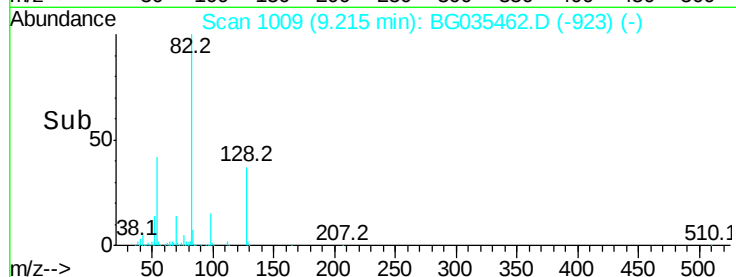
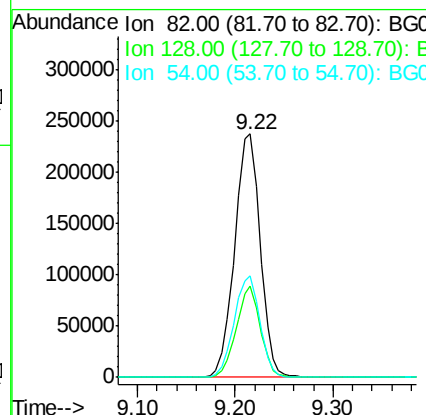
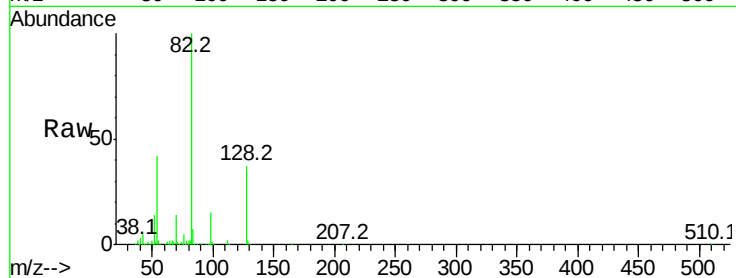




#23
 Nitrobenzene-d5
 Concen: 117.408 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035462.D
 Acq: 28 Jun 2018 2:00

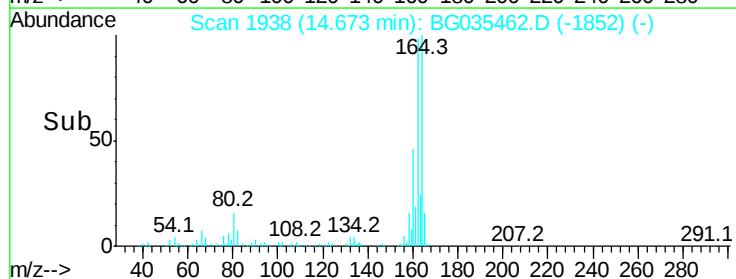
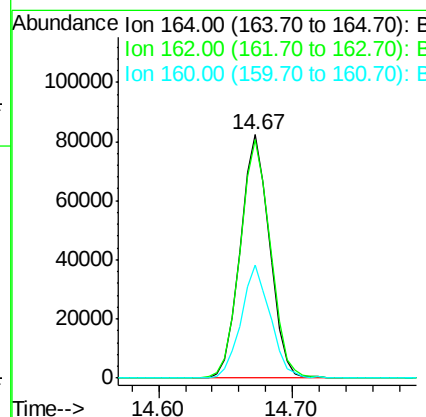
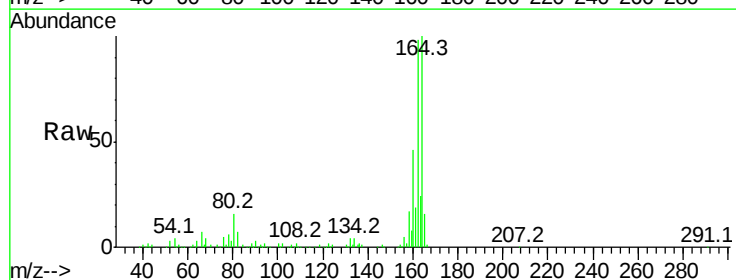
Instrument :
 BNA_G
 ClientSampleId :
 MW-9

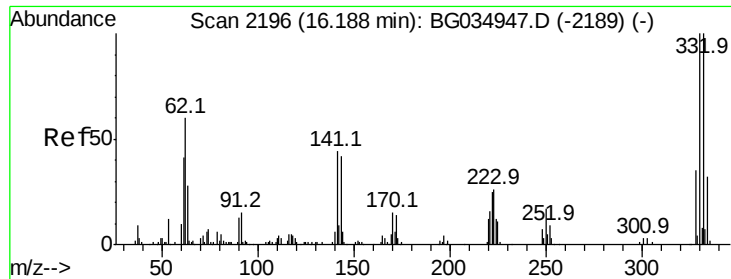
Tot Ion: 82 Resp: 432077
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035462.D
 Acq: 28 Jun 2018 2:00

Tgt Ion:164 Resp: 124317
 Ion Ratio Lower Upper
 164 100
 162 97.7 78.8 118.2
 160 46.3 35.4 53.0

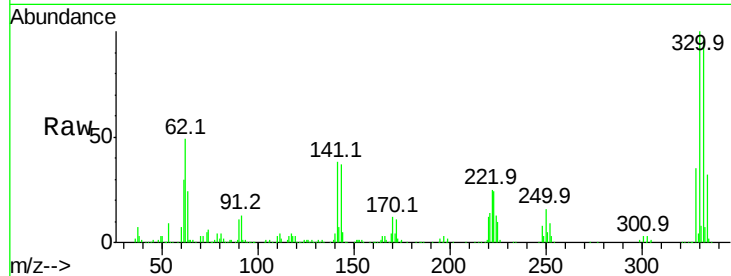




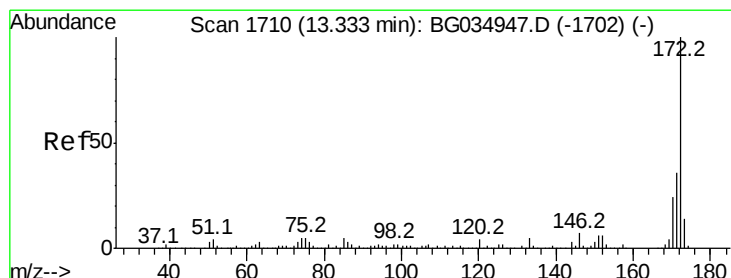
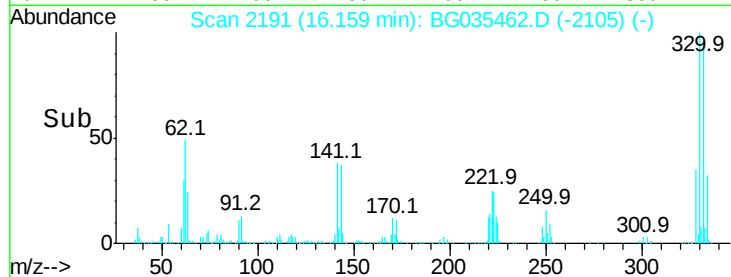
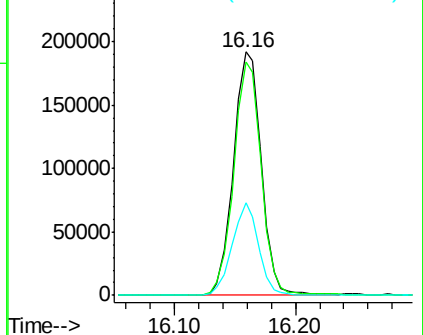
#41
 2,4,6-Tribromophenol
 Concen: 193.577 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035462.D
 Acq: 28 Jun 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion:330 Resp: 308061
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 36.0 25.2 37.8

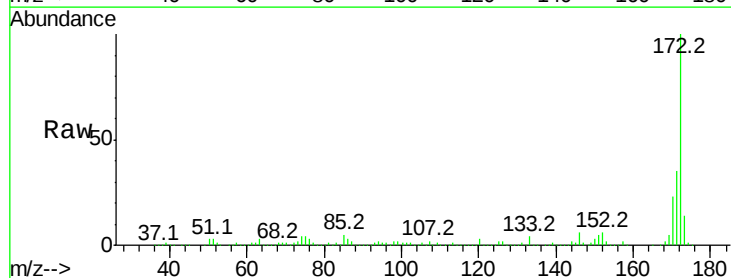


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

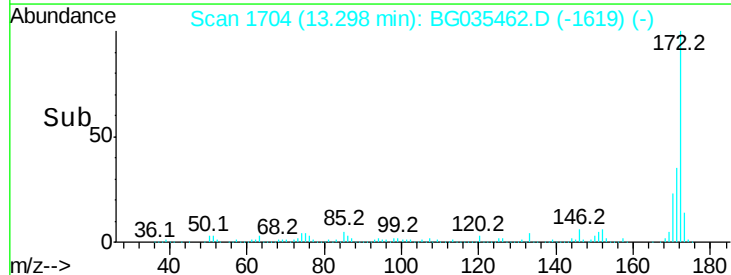
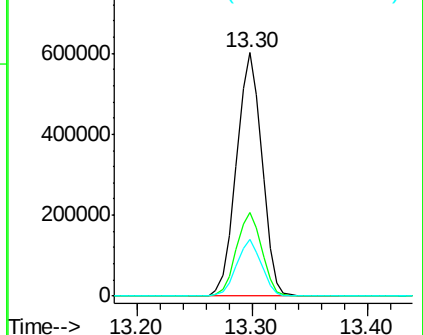


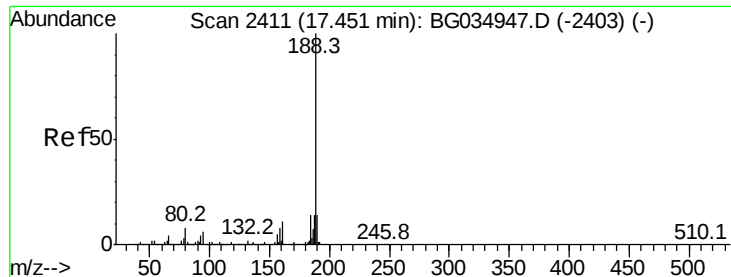
#44
 2-Fluorobiphenyl
 Concen: 96.108 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035462.D
 Acq: 28 Jun 2018 2:00

Tgt Ion:172 Resp: 919067
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 23.1 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

Instrument :

BNA_G

ClientSampleId :

MW-9

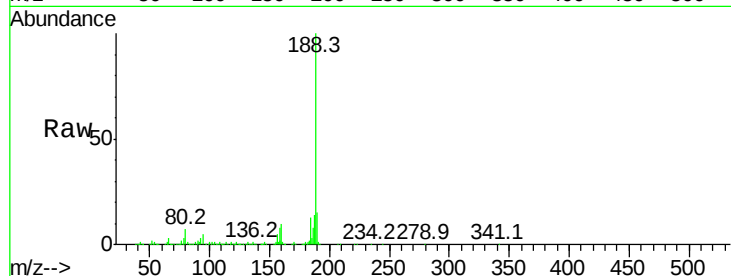
Tot Ion:188 Resp: 327151

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

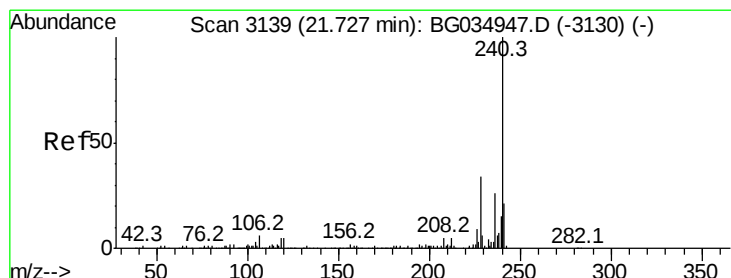
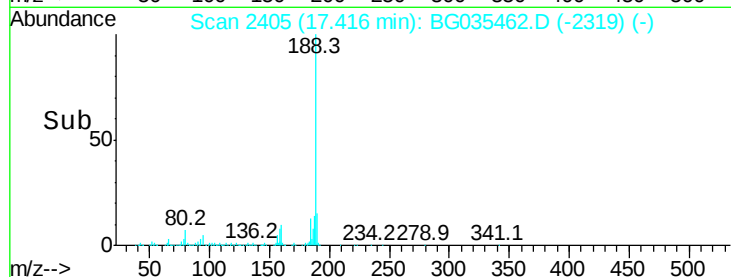
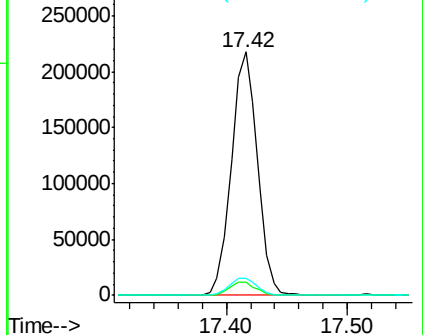
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

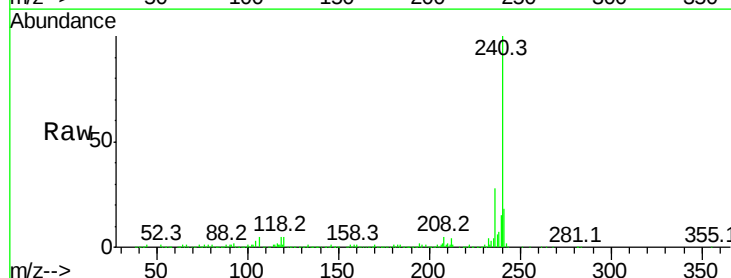
Tgt Ion:240 Resp: 347427

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

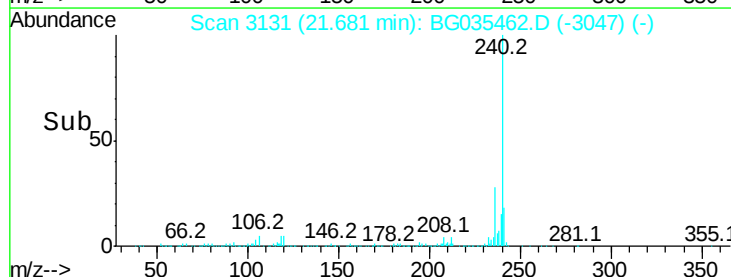
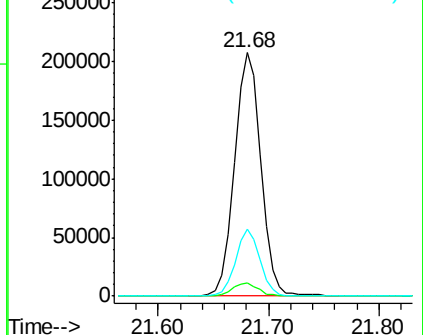
236 27.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.538 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

Instrument :

BNA_G

ClientSampleId :

MW-9

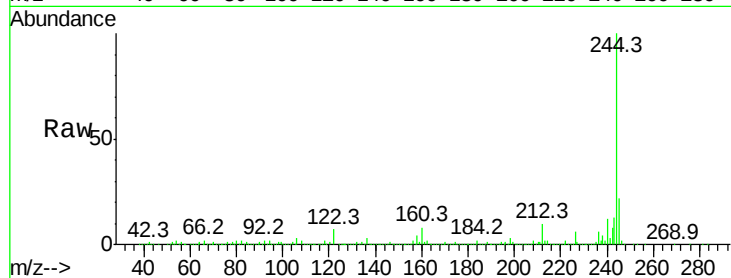
Tot Ion:244 Resp: 1684128

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

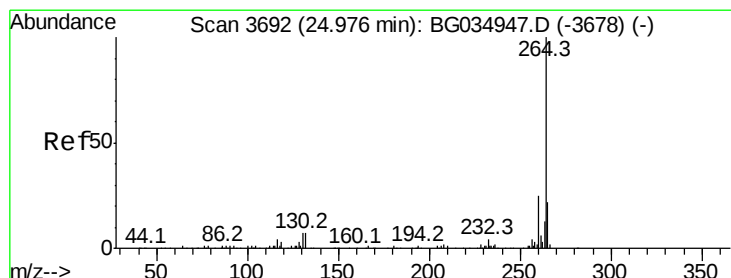
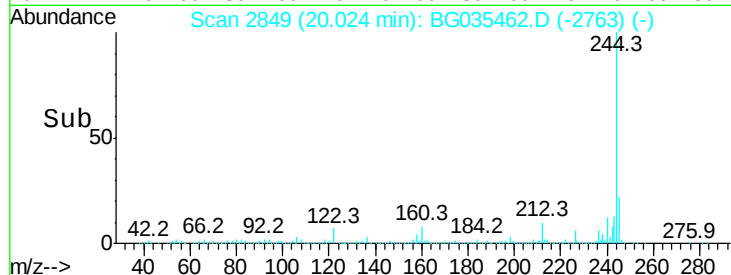
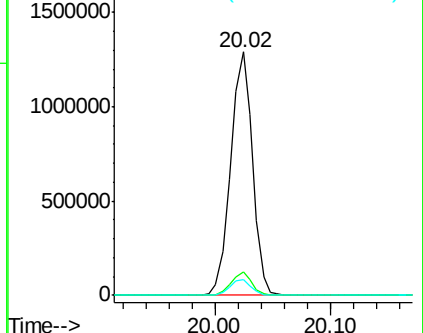
122 6.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035462.D

Acq: 28 Jun 2018 2:00

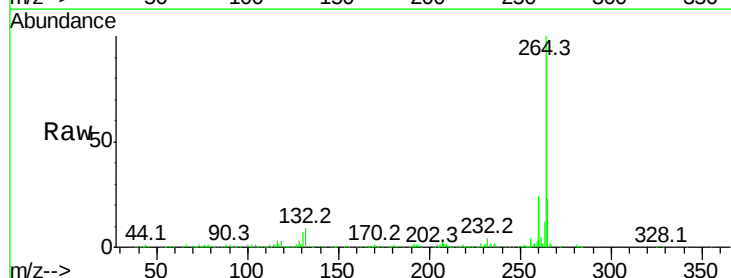
Tgt Ion:264 Resp: 334316

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

