

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035143.D
 Acq On : 14 Jun 2018 18:32
 Operator : SJ/JU
 Sample : J3467-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-061118

Quant Time: Jun 14 19:12:06 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	8.07	152	43656	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	172505	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	133302	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	354895	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	395561	20.00	ng	-0.02
86) Perylene-d12	24.93	264	360506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	171070	66.13	ng	0.00
7) Phenol-d6	7.22	99	160011	41.91	ng	0.00
23) Nitrobenzene-d5	9.23	82	421104	116.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	303427	177.81	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1003271	97.84	ng	-0.01
78) Terphenyl-d14	20.04	244	1856185	98.29	ng	0.00

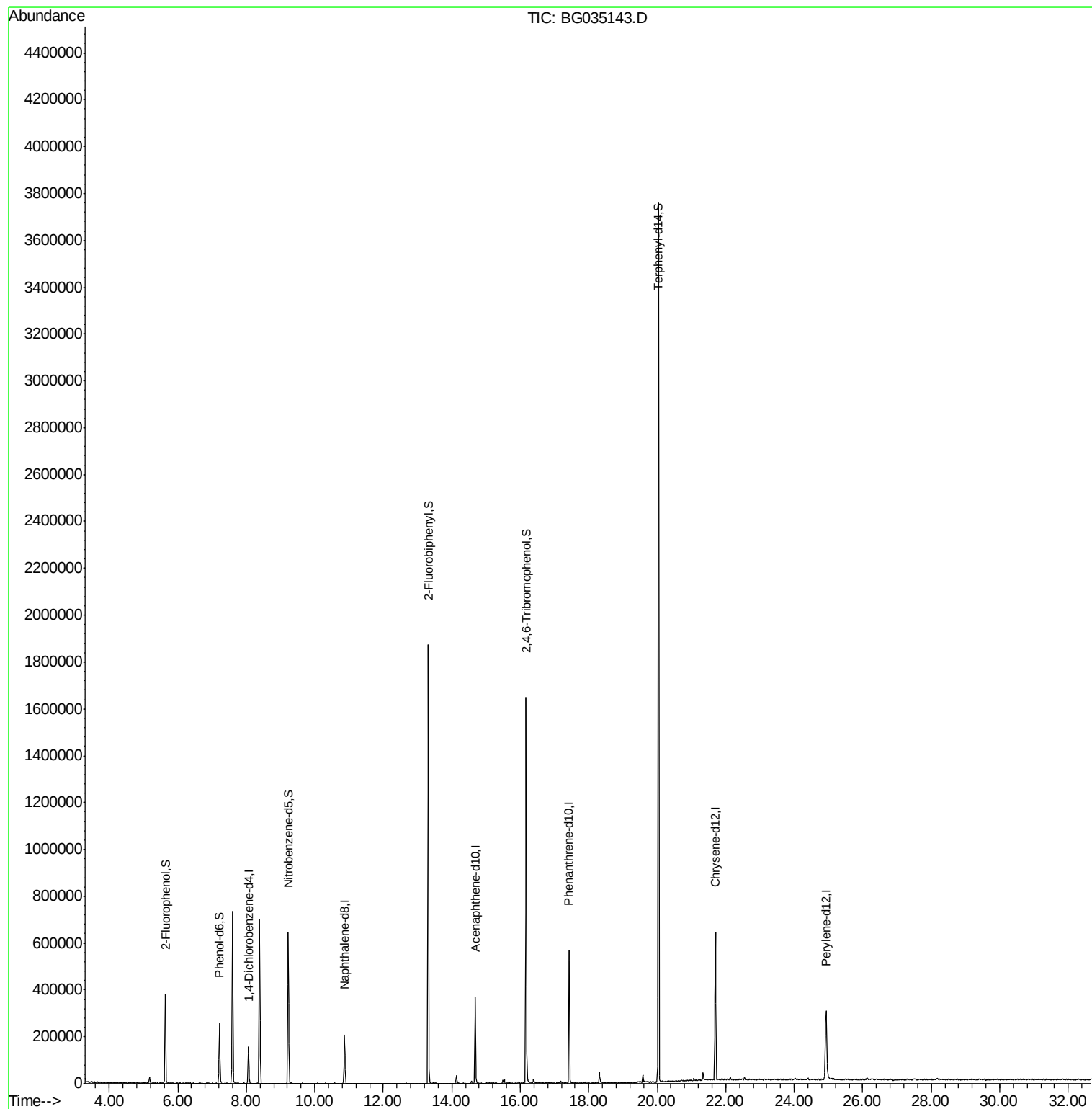
Target Compounds Qvalue

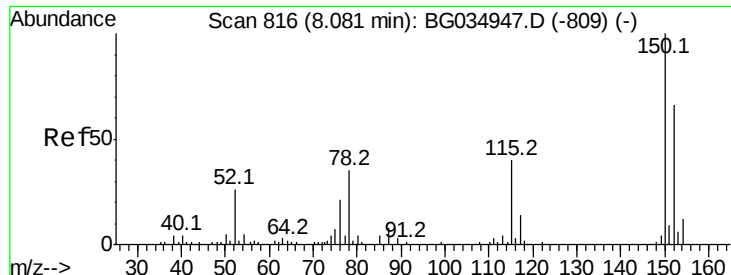
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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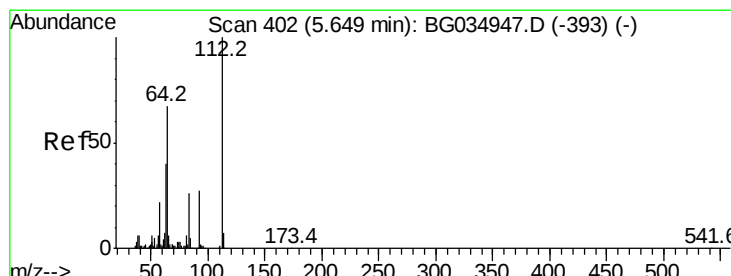
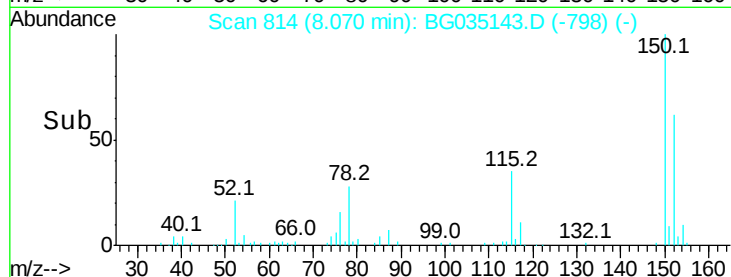
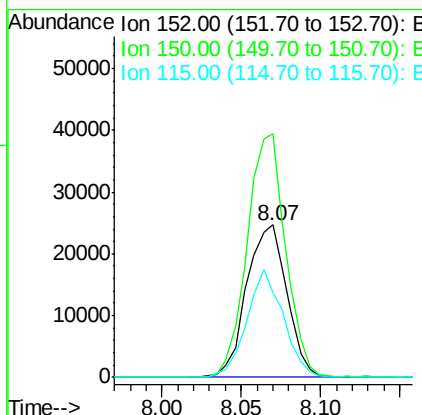
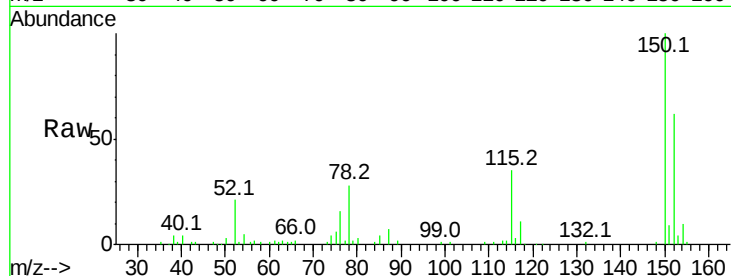


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BG035143.D
 Acq: 14 Jun 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-061118

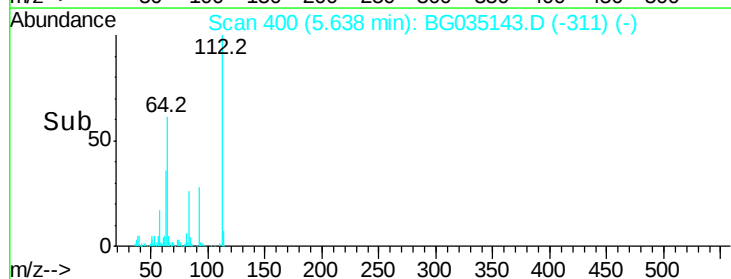
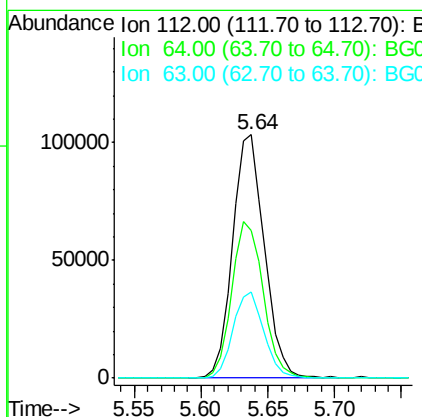
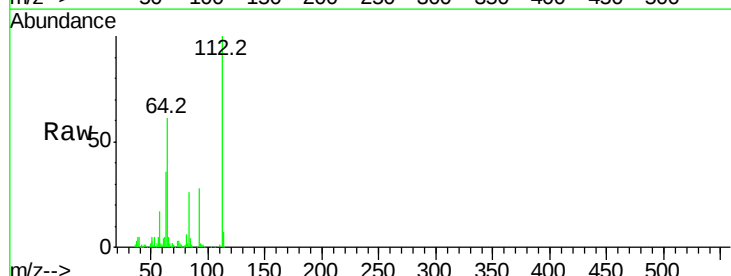
Tot Ion:152 Resp: 43656
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.6 189.8
 115 55.8 53.0 79.4

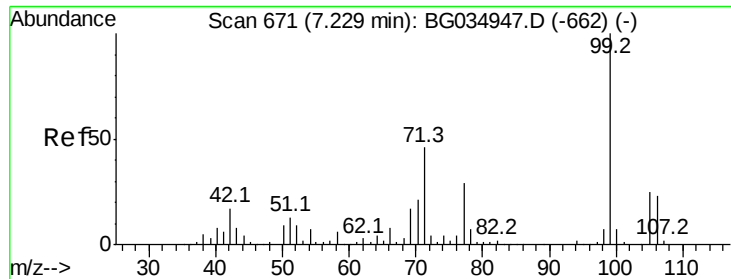


#5

2-Fluorophenol
 Concen: 66.130 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035143.D
 Acq: 14 Jun 2018 18:32

Tgt Ion:112 Resp: 171070
 Ion Ratio Lower Upper
 112 100
 64 60.7 56.3 84.5
 63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 41.909 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-061118

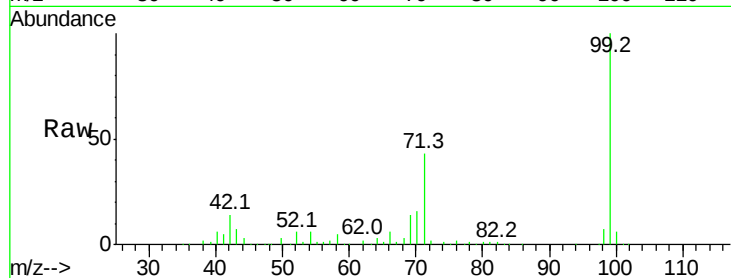
Tot Ion: 99 Resp: 160011

Ion Ratio Lower Upper

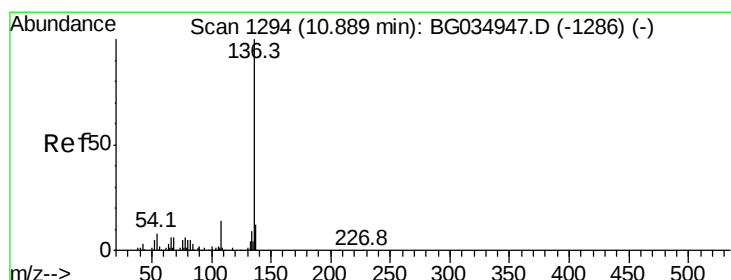
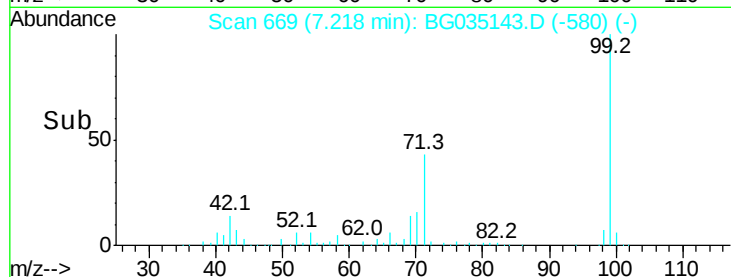
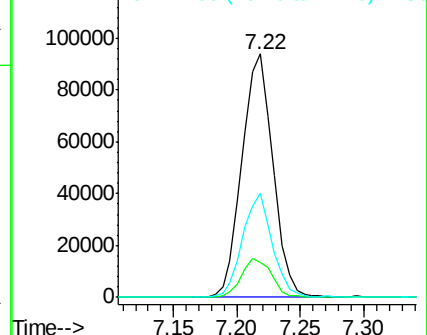
99 100

42 14.2 14.1 21.1

71 42.9 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

Tgt Ion: 136 Resp: 172505

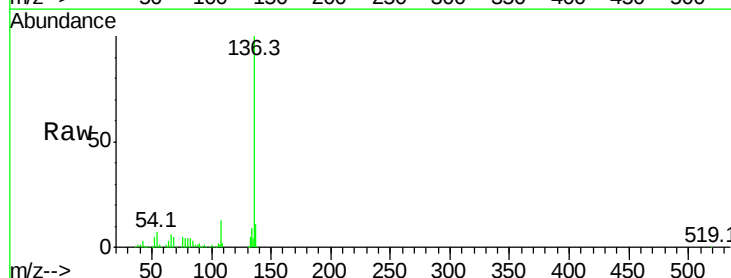
Ion Ratio Lower Upper

136 100

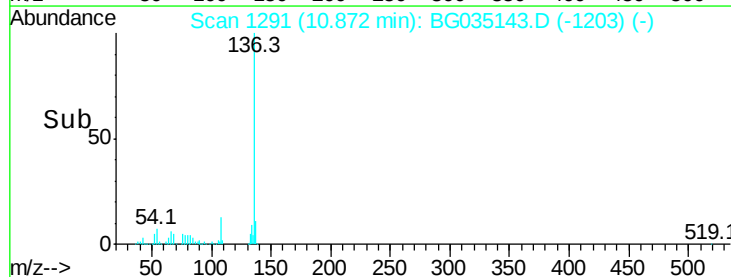
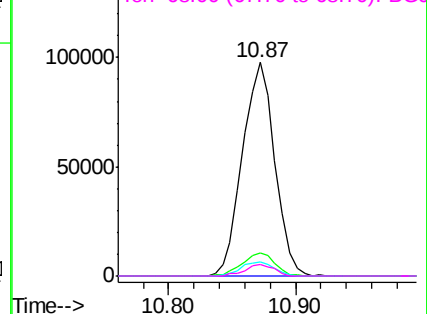
137 11.0 9.2 13.8

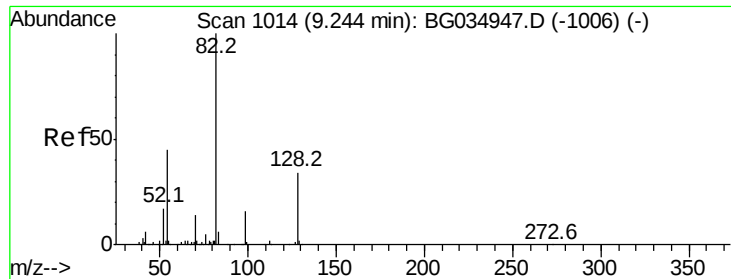
54 6.6 10.3 15.5#

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

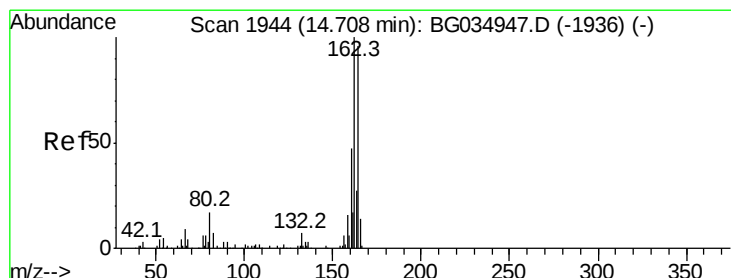
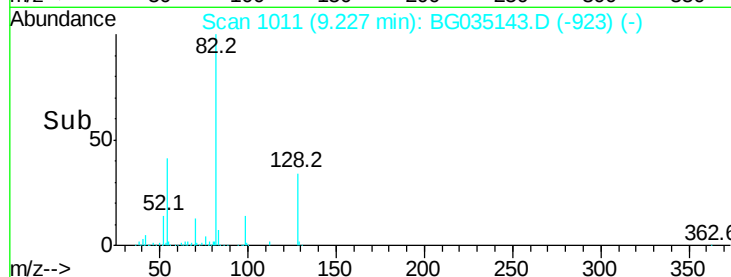
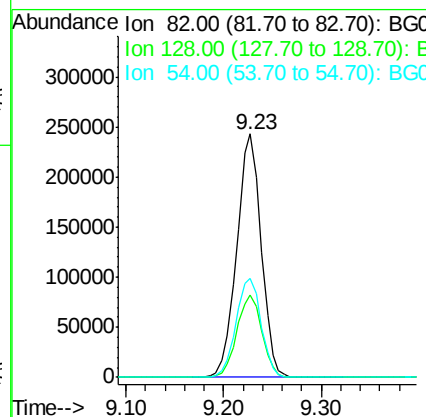
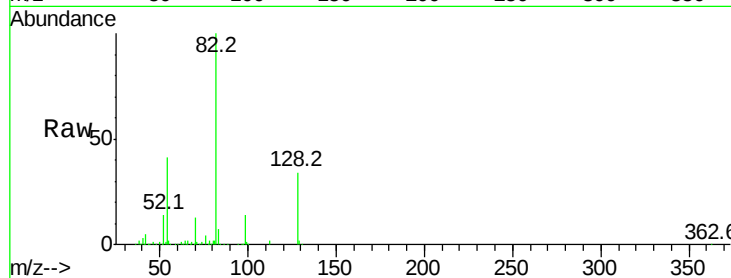




#23
Nitrobenzene-d5
Concen: 116.037 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035143.D
Acq: 14 Jun 2018 18:32

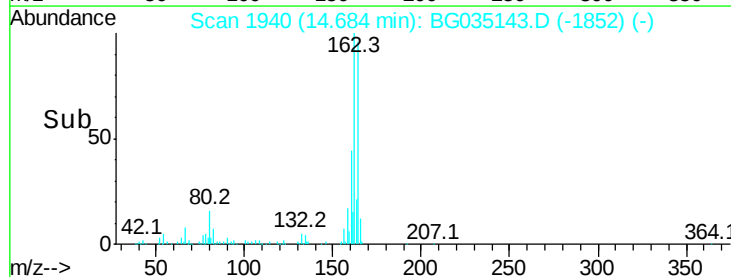
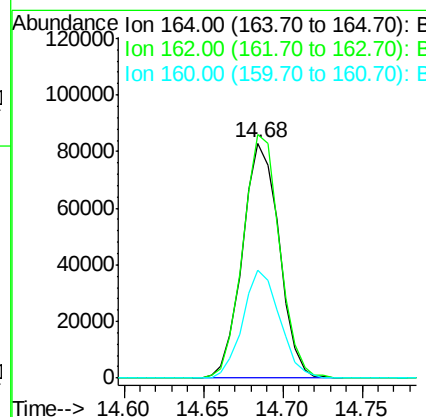
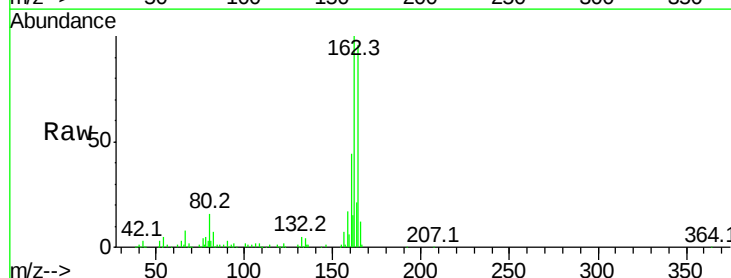
Instrument :
BNA_G
ClientSampleId :
PR-MW-04-061118

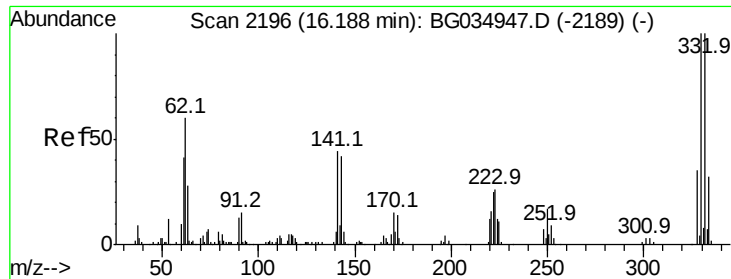
Tot Ion: 82 Resp: 421104
Ion Ratio Lower Upper
82 100
128 33.8 29.7 44.5
54 40.5 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035143.D
Acq: 14 Jun 2018 18:32

Tgt Ion:164 Resp: 133302
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 46.1 35.4 53.0

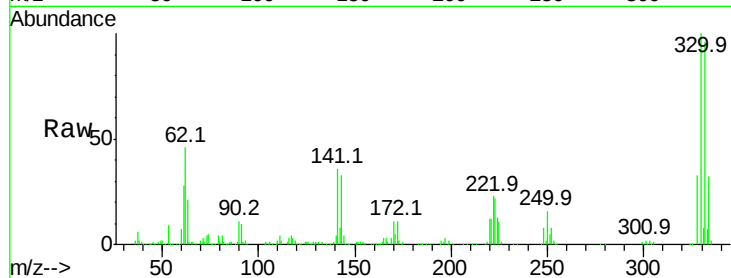




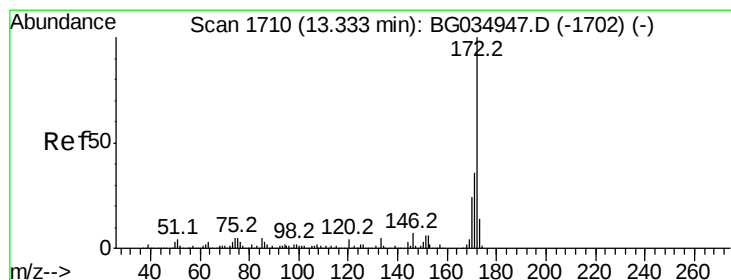
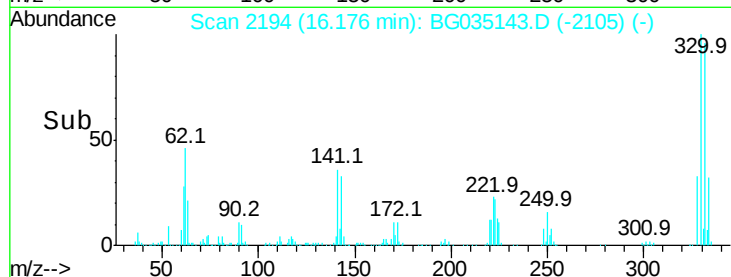
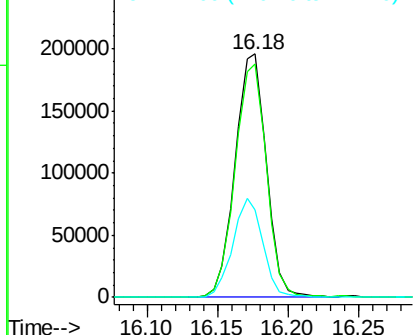
#41
 2,4,6-Tribromophenol
 Concen: 177.813 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035143.D
 Acq: 14 Jun 2018 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-061118

Tot Ion:330 Resp: 303427
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 38.9 25.2 37.8#

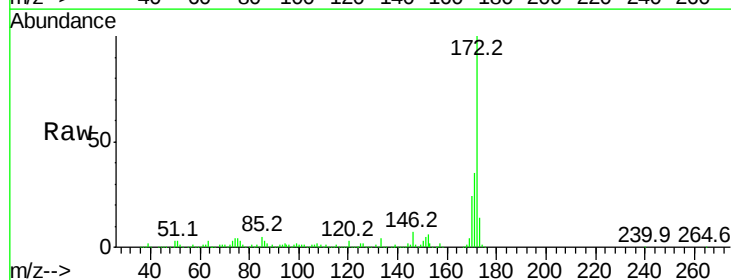


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

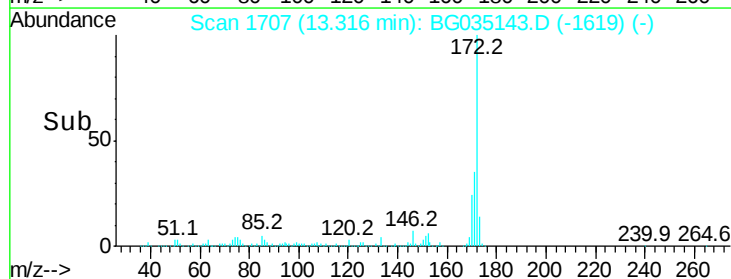
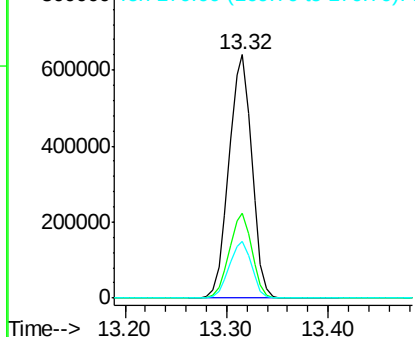


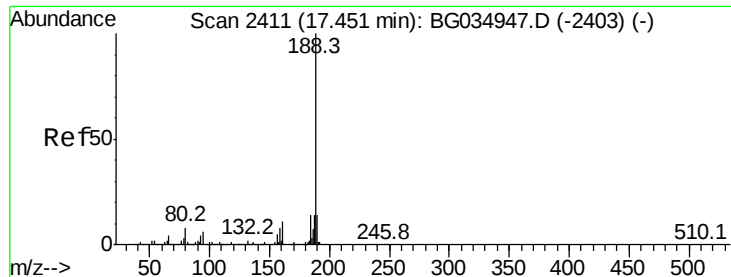
#44
 2-Fluorobiphenyl
 Concen: 97.842 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035143.D
 Acq: 14 Jun 2018 18:32

Tgt Ion:172 Resp: 1003271
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 23.5 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-061118

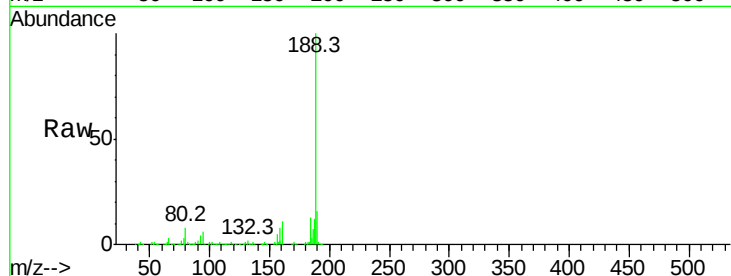
Tot Ion:188 Resp: 354895

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

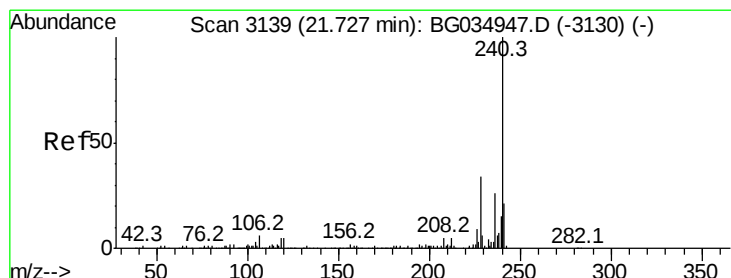
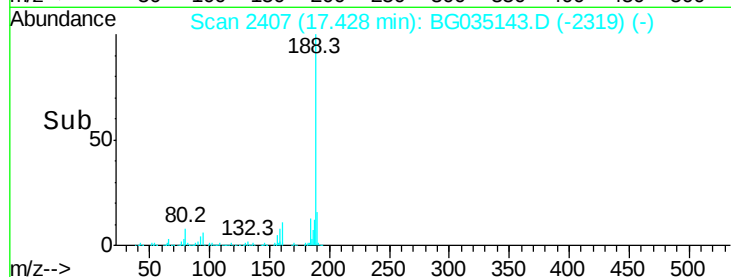
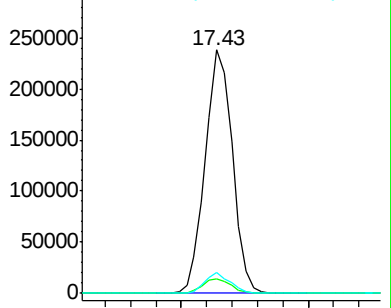
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

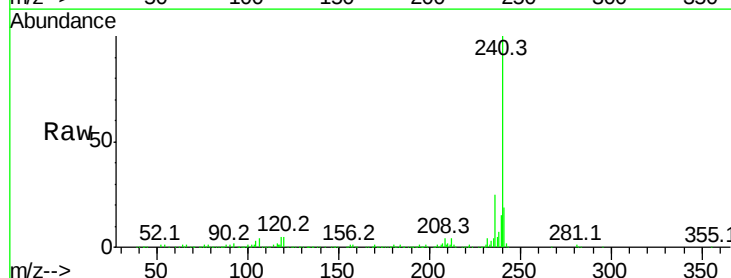
Tgt Ion:240 Resp: 395561

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

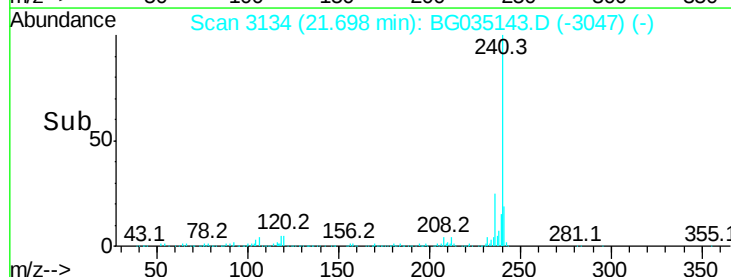
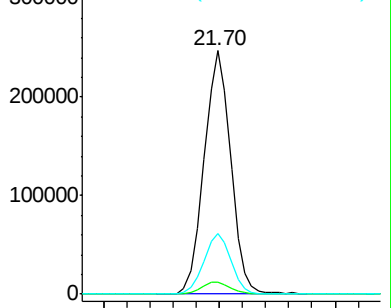
236 25.0 20.9 31.3

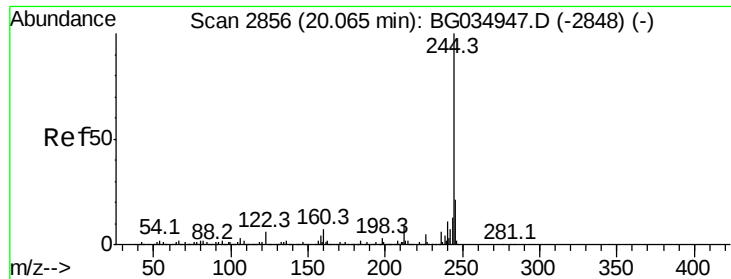


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.293 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-061118

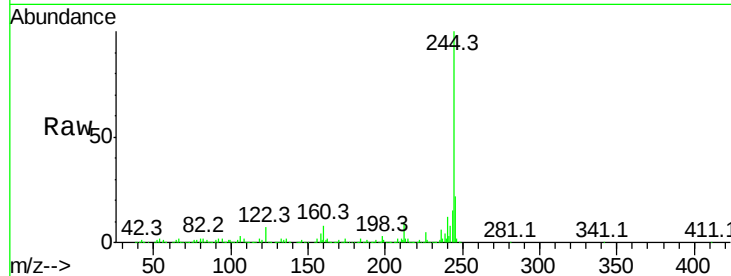
Tot Ion:244 Resp: 1856185

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

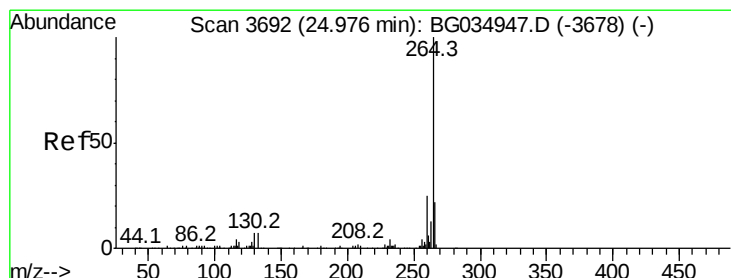
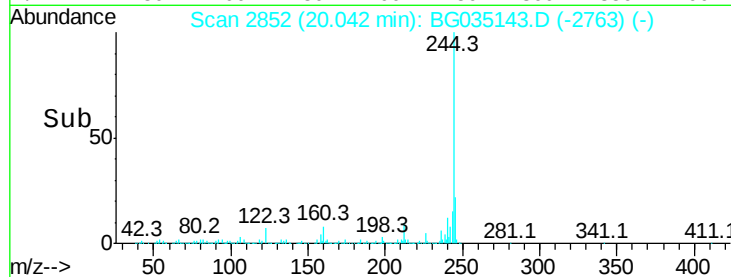
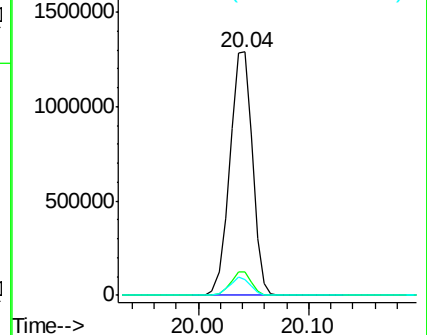
122 6.6 7.0 10.4#



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035143.D

Acq: 14 Jun 2018 18:32

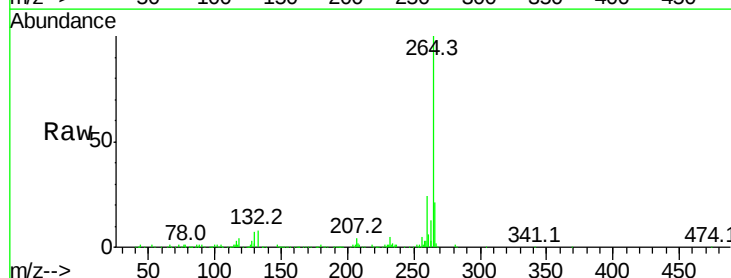
Tgt Ion:264 Resp: 360506

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.1 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

