

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035437.D
 Acq On : 27 Jun 2018 9:10
 Operator : JU/SJ
 Sample : J3629-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Quant Time: Jun 27 09:51:56 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	47795	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	190651	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	140383	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	378116	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	401115	20.00	ng	-0.04
86) Perylene-d12	24.89	264	376520	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	165804	58.54	ng	-0.02
7) Phenol-d6	7.21	99	145143	34.72	ng	-0.02
23) Nitrobenzene-d5	9.21	82	401756	100.17	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	299284	166.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	930649	86.18	ng	-0.03
78) Terphenyl-d14	20.02	244	1699709	88.76	ng	-0.02

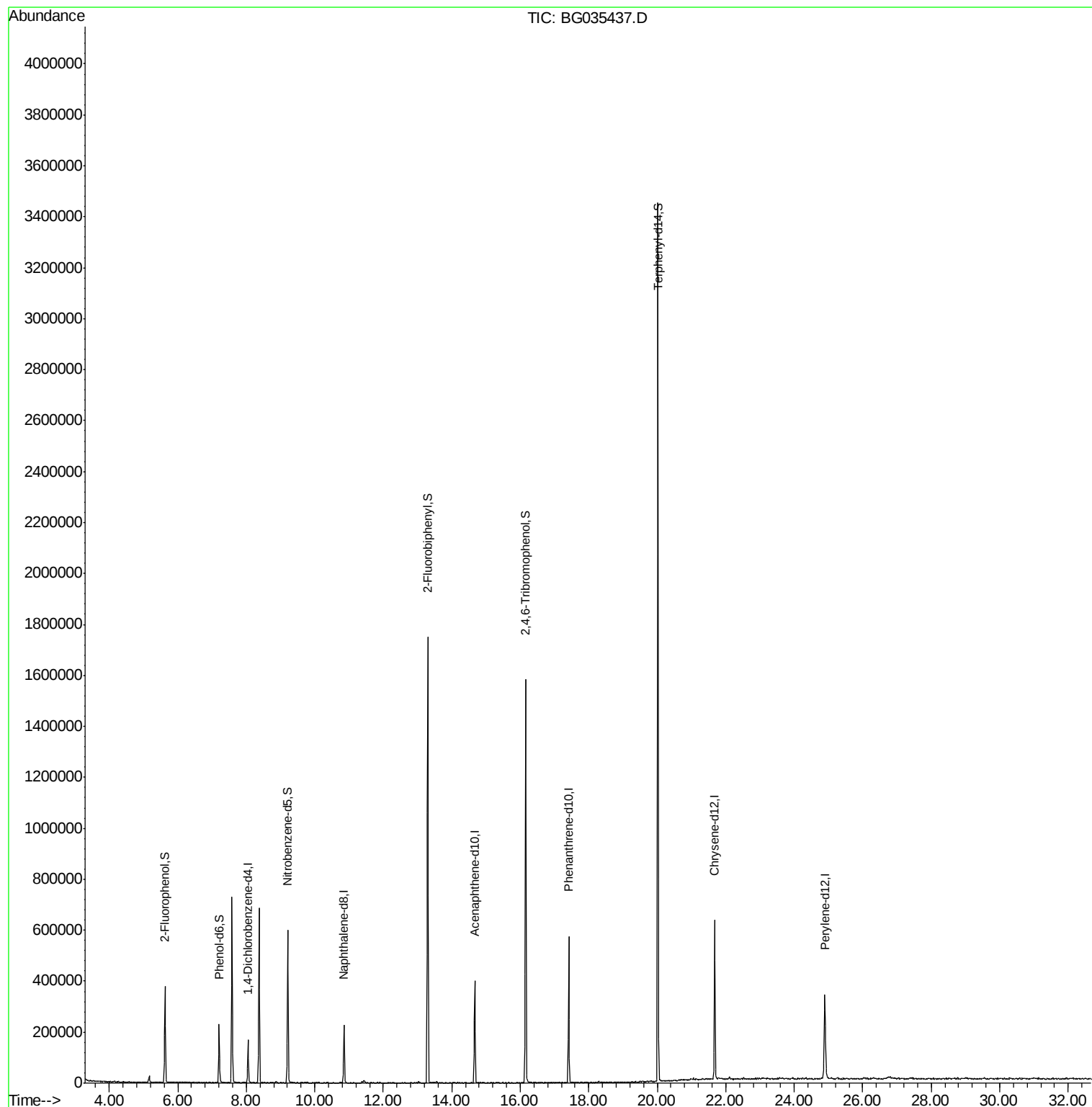
Target Compounds Qvalue

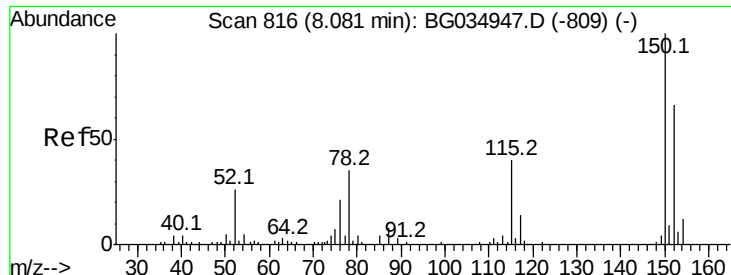
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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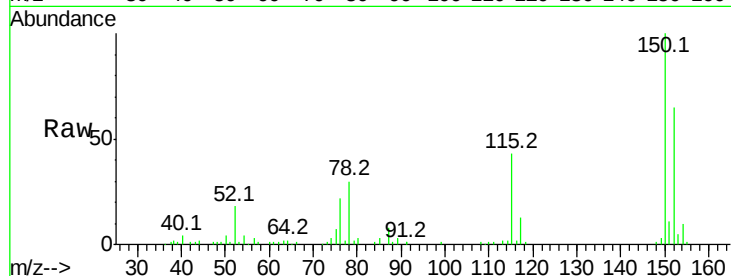


#1

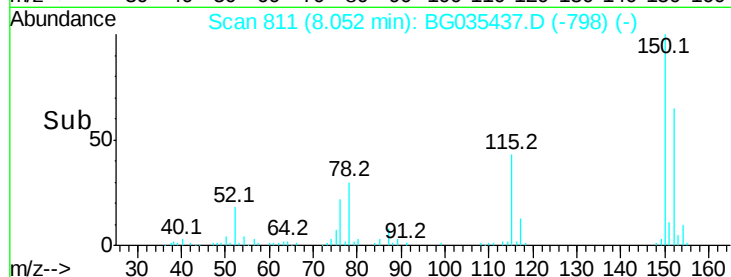
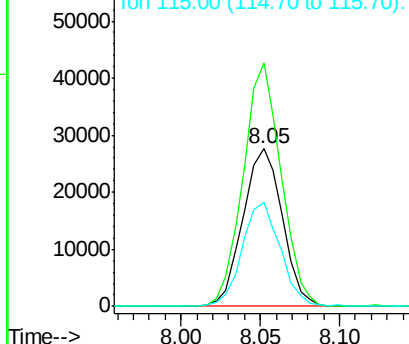
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035437.D
Acq: 27 Jun 2018 9:10

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion:152 Resp: 47795
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 66.2 53.0 79.4



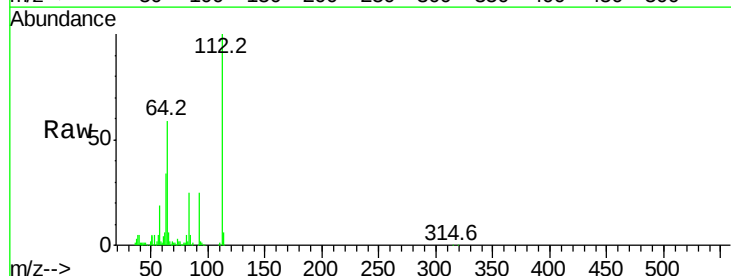
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



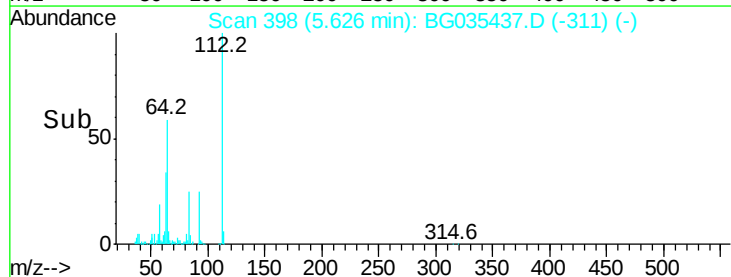
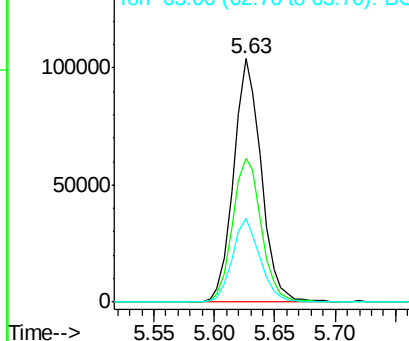
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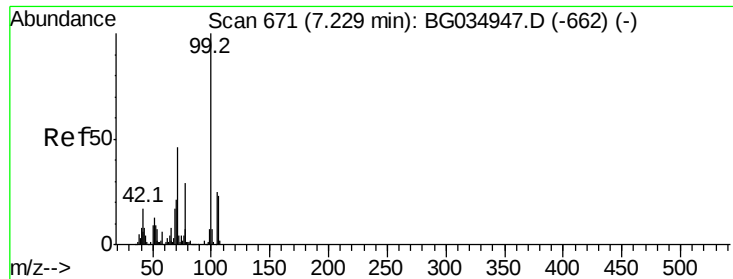
2-Fluorophenol
Concen: 58.544 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035437.D
Acq: 27 Jun 2018 9:10

Tgt Ion:112 Resp: 165804
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 34.5 30.1 45.1



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





#7

Phenol-d6

Concen: 34.723 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035437.D

Acq: 27 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

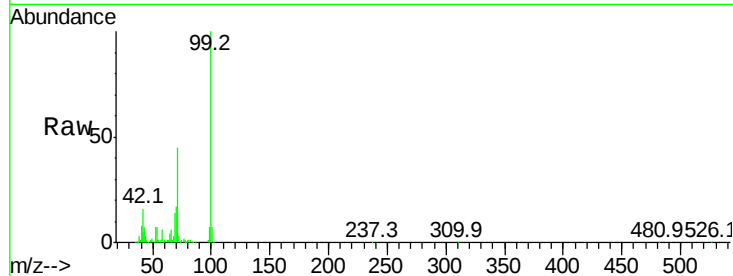
Tot Ion: 99 Resp: 145143

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

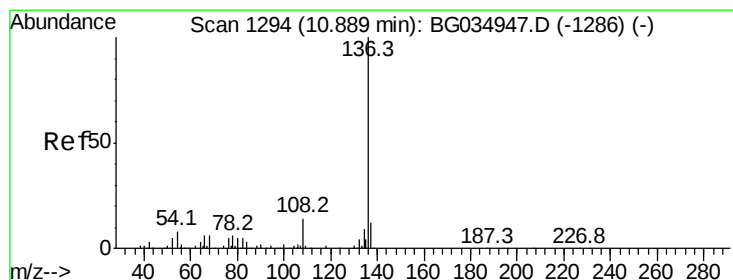
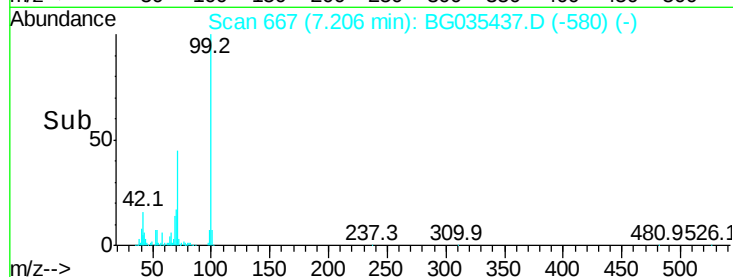
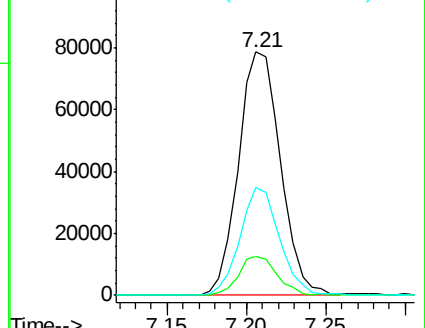
71 44.5 26.1 39.1#



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: BG035437.D

Acq: 27 Jun 2018 9:10

Tgt Ion: 136 Resp: 190651

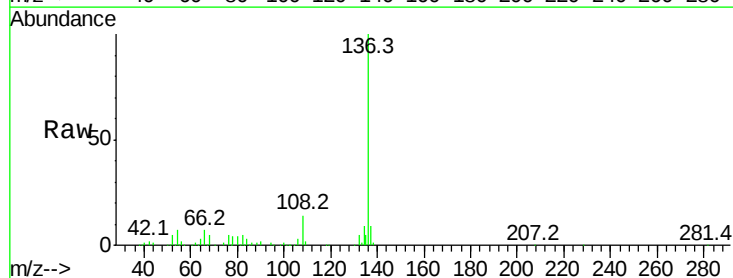
Ion Ratio Lower Upper

136 100

137 8.7 9.2 13.8#

54 6.6 10.3 15.5#

68 5.3 4.5 6.7

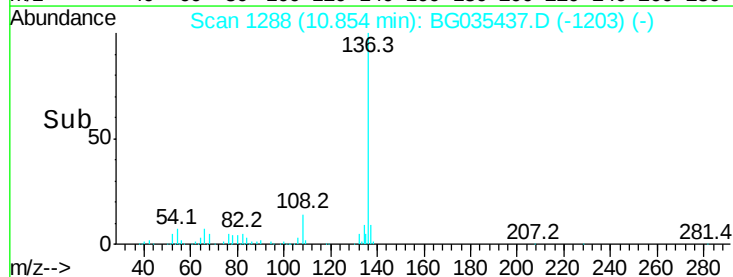
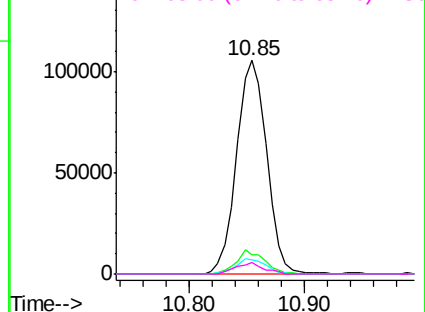


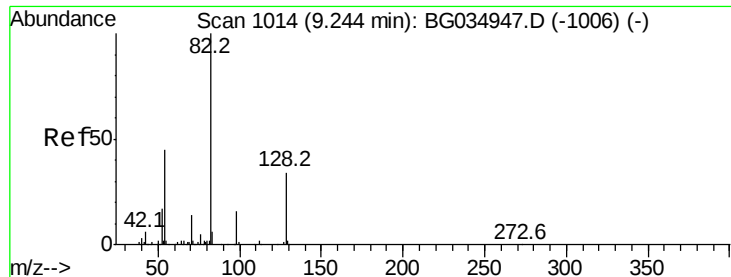
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

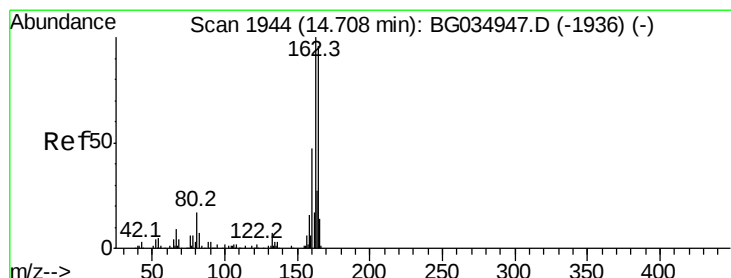
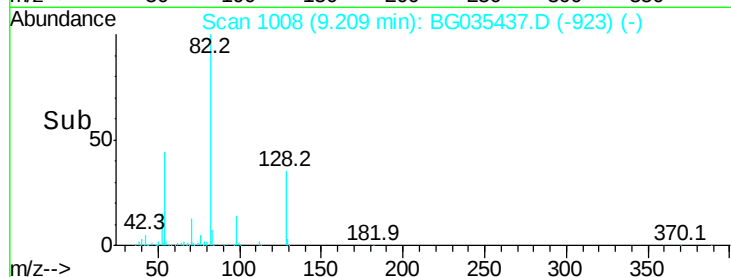
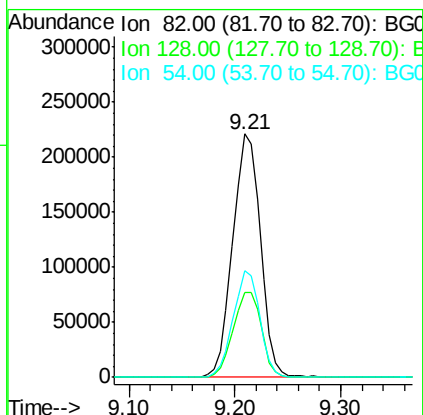
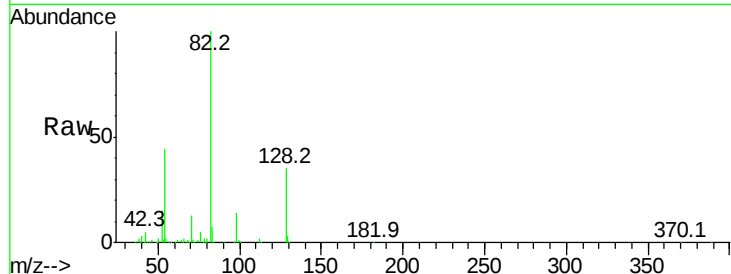




#23
 Nitrobenzene-d5
 Concen: 100.168 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

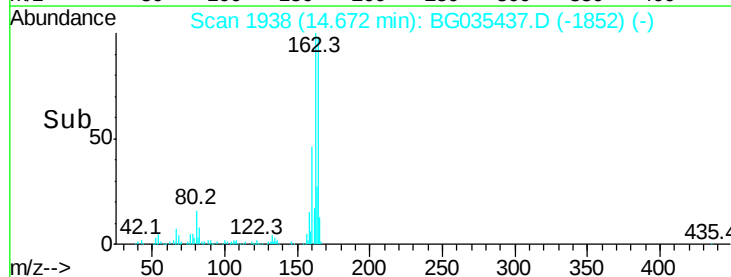
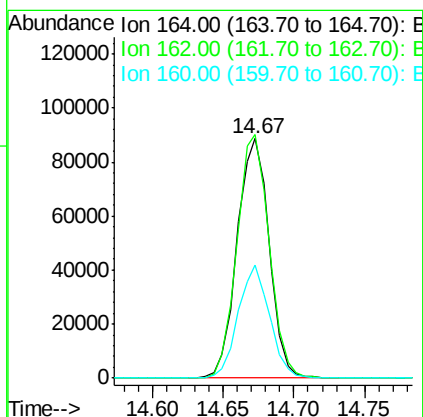
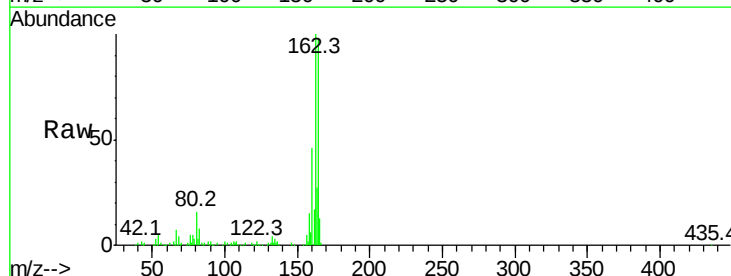
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

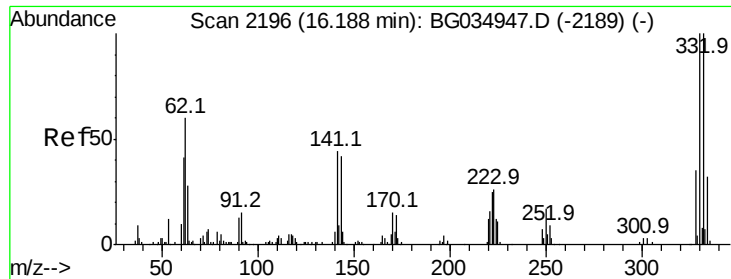
Tot Ion	82	Resp	401756
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	43.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

Tgt Ion	164	Resp	140383
Ion Ratio	Lower	Upper	
164	100		
162	101.7	78.8	118.2
160	47.0	35.4	53.0

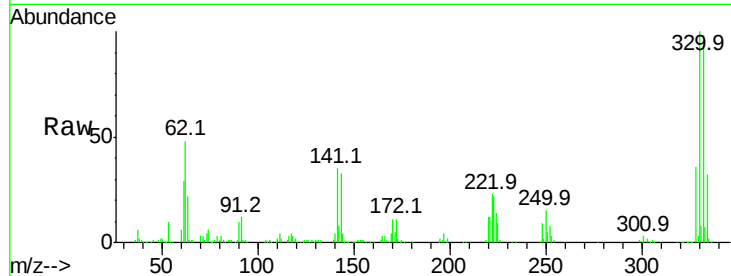




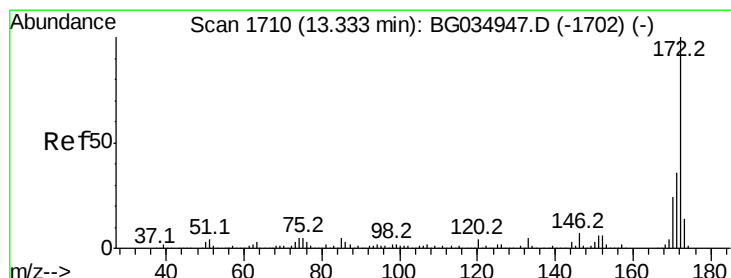
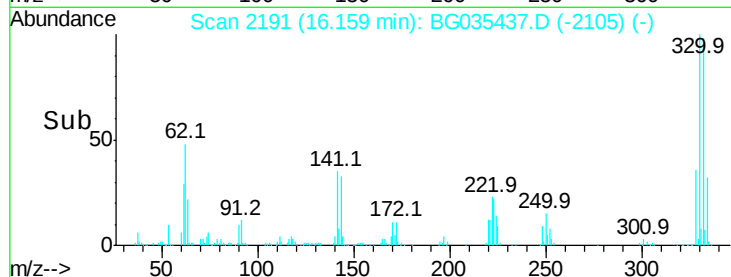
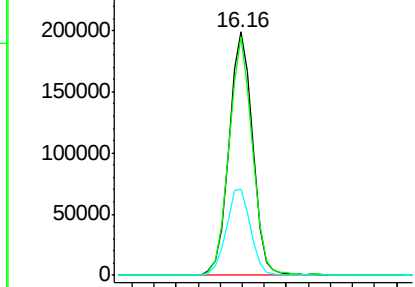
#41
 2,4,6-Tribromophenol
 Concen: 166.539 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.6	25.2	37.8

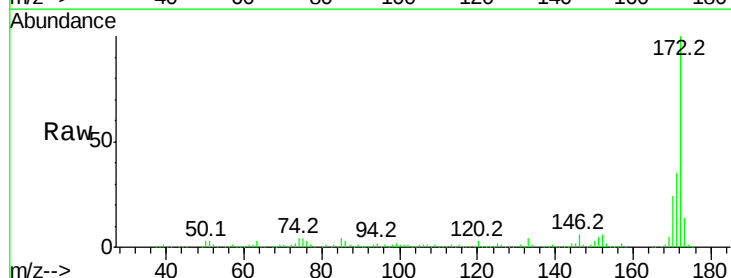


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

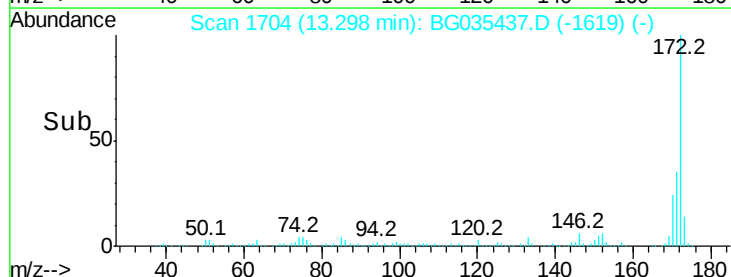
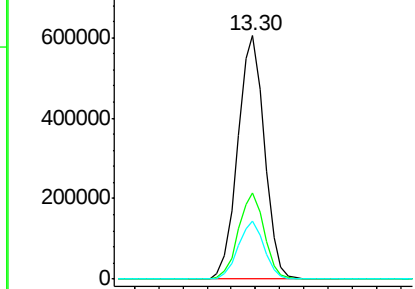


#44
 2-Fluorobiphenyl
 Concen: 86.181 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	24.0	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: BG035437.D

Acq: 27 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

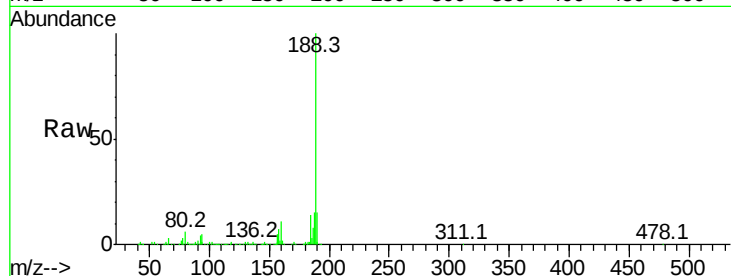
Tot Ion:188 Resp: 378116

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

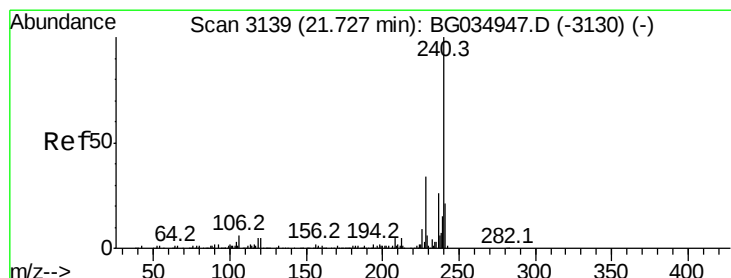
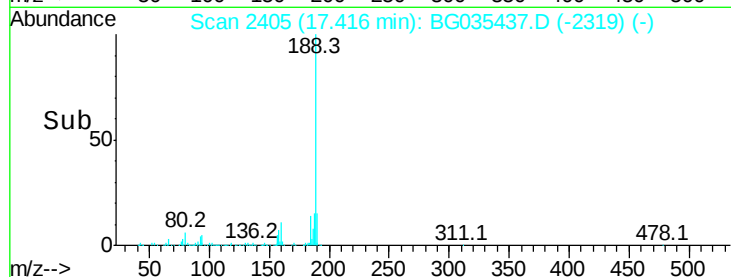
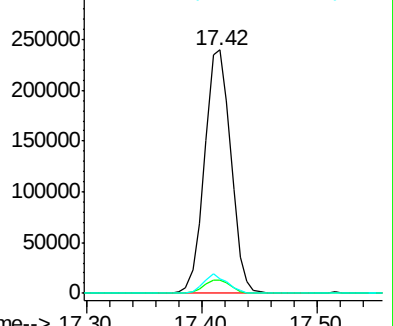
80 6.1 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035437.D

Acq: 27 Jun 2018 9:10

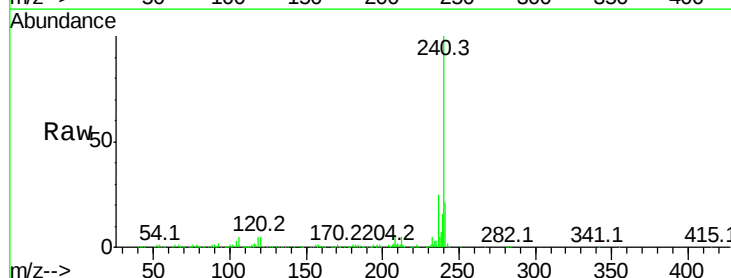
Tgt Ion:240 Resp: 401115

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

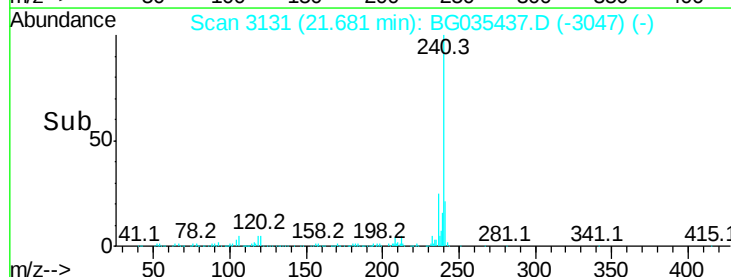
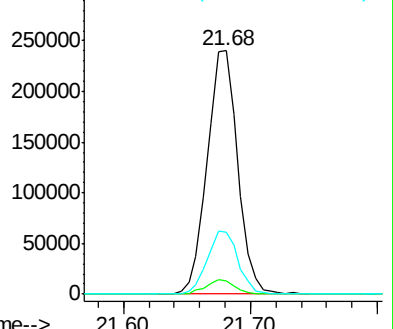
236 25.5 20.9 31.3

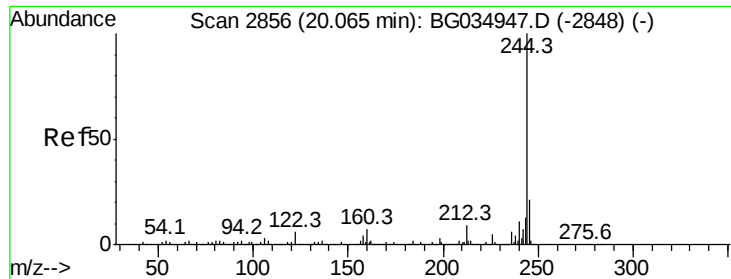


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

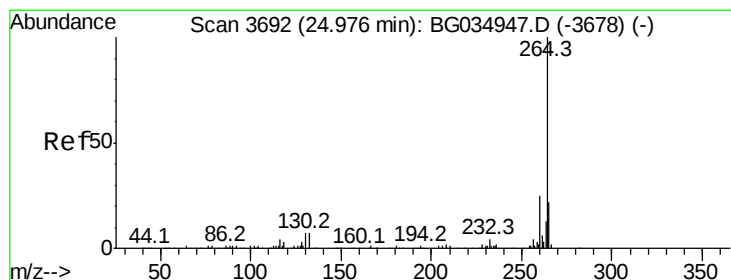
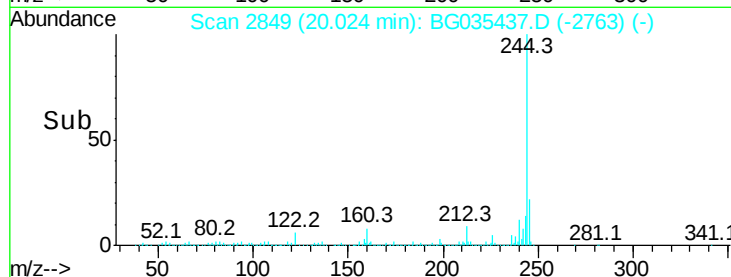
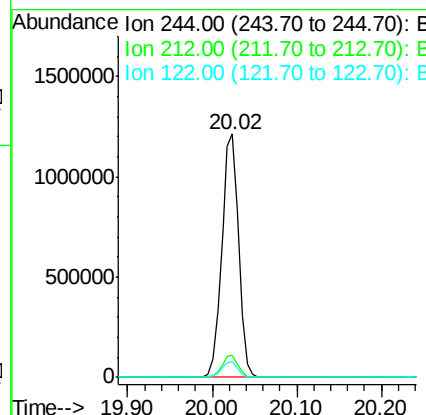
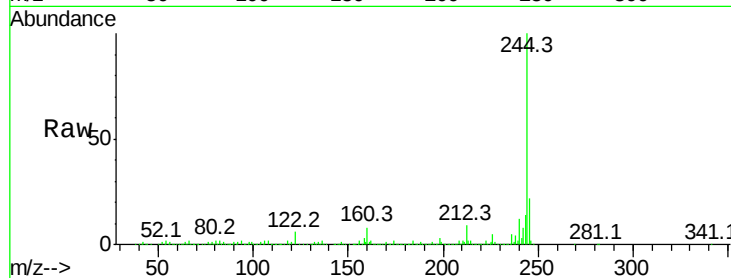




#78
 Terphenyl-d14
 Concen: 88.761 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Tot Ion:244 Resp: 1699709
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035437.D
 Acq: 27 Jun 2018 9:10

Tgt Ion:264 Resp: 376520
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.9 17.7 26.5

