

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035438.D
 Acq On : 27 Jun 2018 9:49
 Operator : JU/SJ
 Sample : J3687-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Jun 27 10:50:44 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

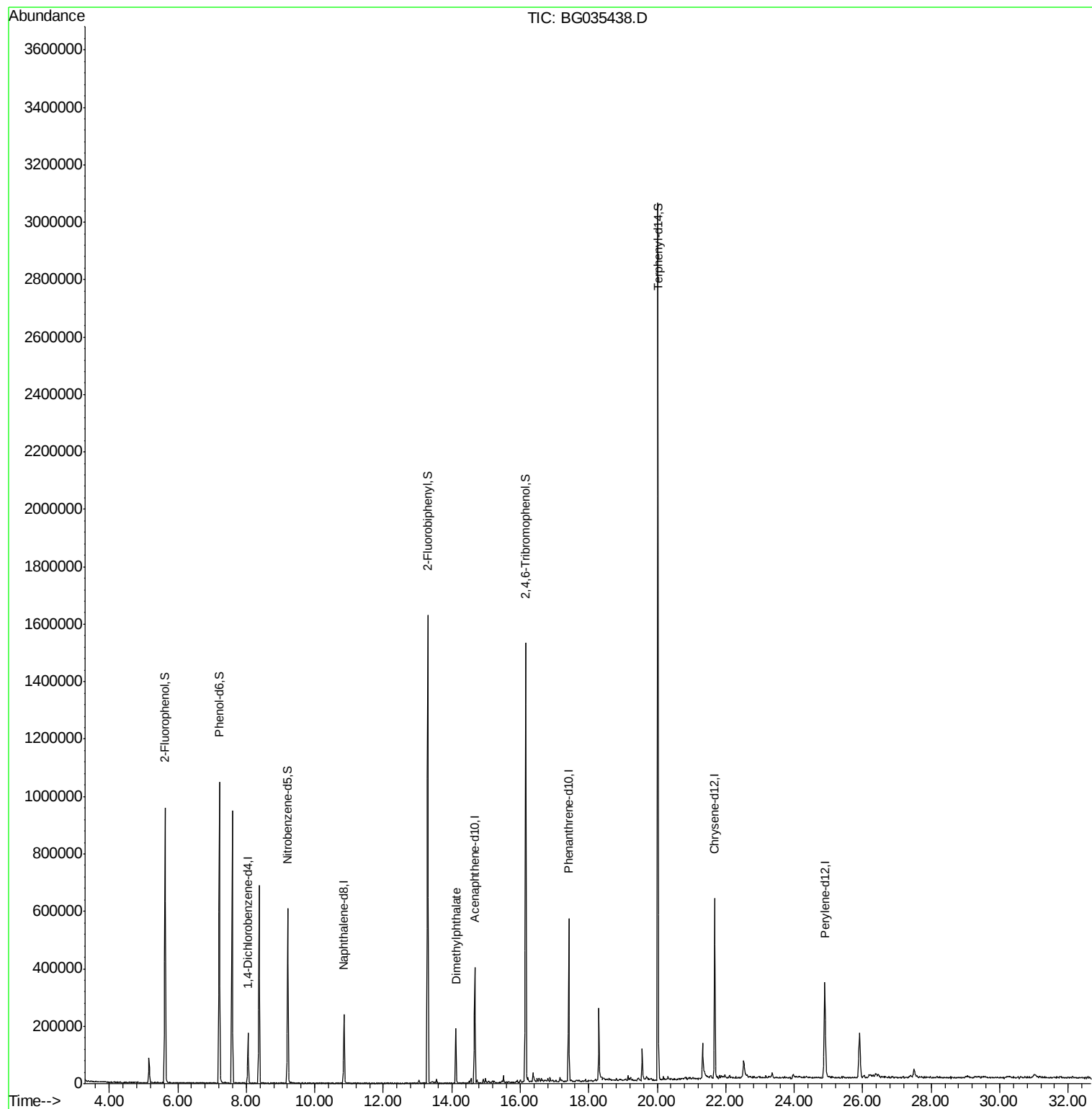
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50998	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	197701	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	142041	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	367077	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	399805	20.00	ng	-0.04
86) Perylene-d12	24.89	264	380522	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421970	139.64	ng	-0.02
7) Phenol-d6	7.21	99	635905	142.57	ng	-0.01
23) Nitrobenzene-d5	9.21	82	401809	96.61	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	293224	161.26	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	890732	81.52	ng	-0.03
78) Terphenyl-d14	20.02	244	1482775	77.69	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	124390	10.042	ng	Qvalue # 97

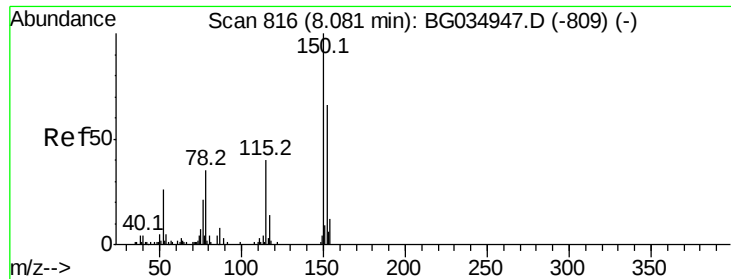
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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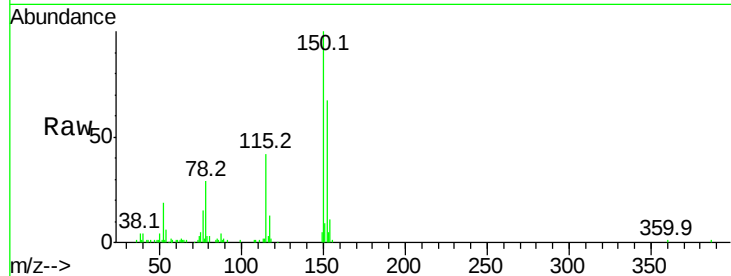


#1

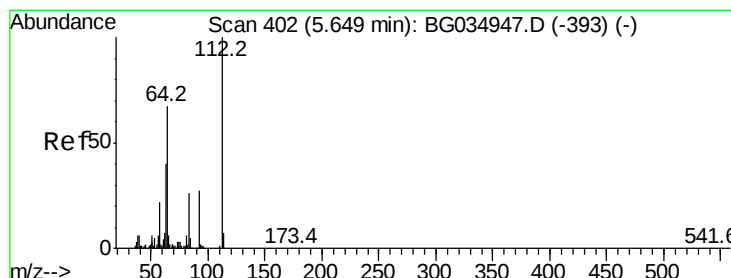
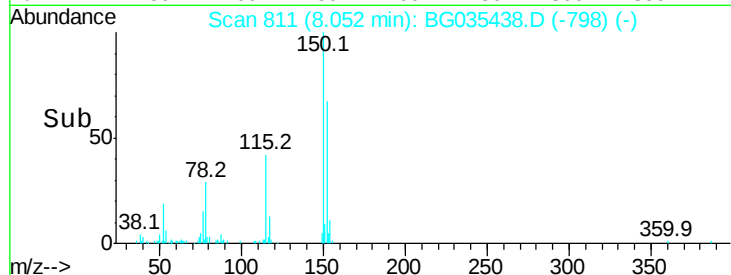
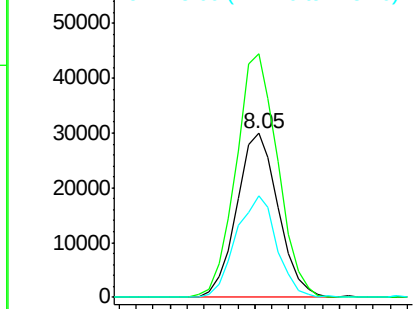
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035438.D
Acq: 27 Jun 2018 9:49

Instrument :
BNA_G
ClientSampled :
PE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.6	189.8
115	61.8	53.0	79.4



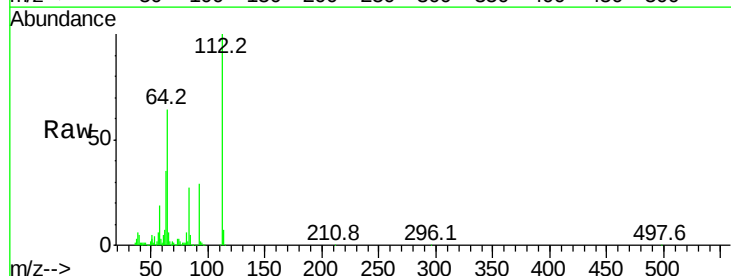
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



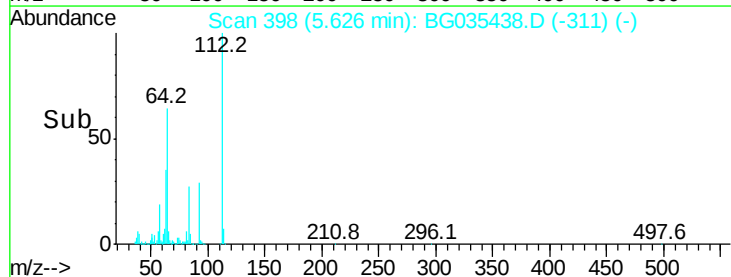
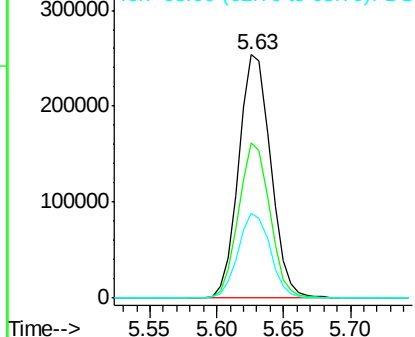
#5

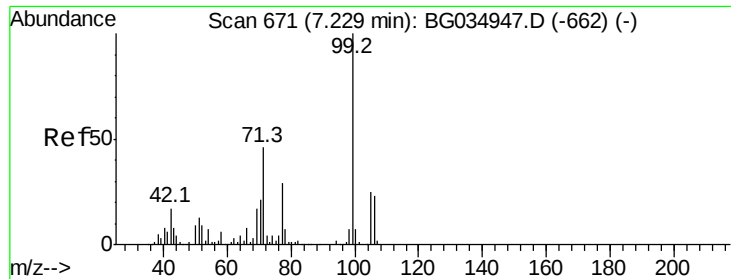
2-Fluorophenol
Concen: 139.637 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035438.D
Acq: 27 Jun 2018 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	56.3	84.5
63	34.7	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: 142.574 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035438.D

Acq: 27 Jun 2018 9:49

Instrument :

BNA_G

ClientSampleId :

PE-1

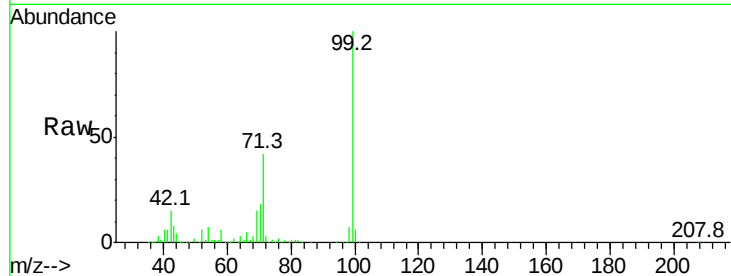
Tot Ion: 99 Resp: 635905

Ion Ratio Lower Upper

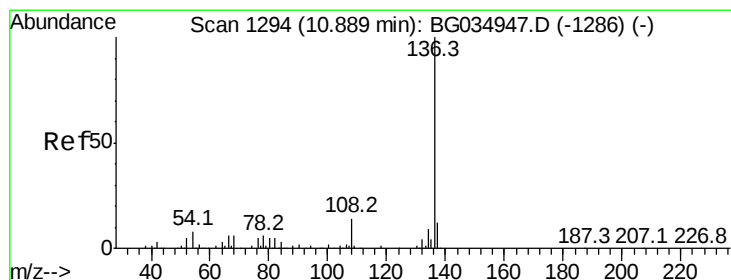
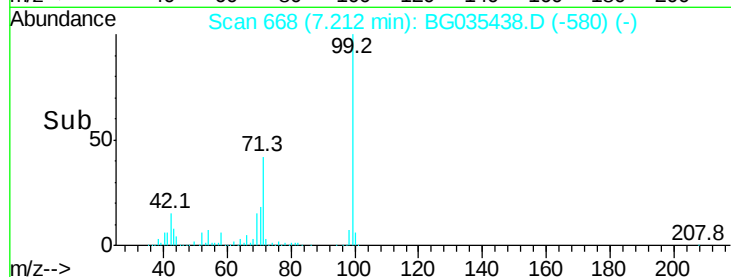
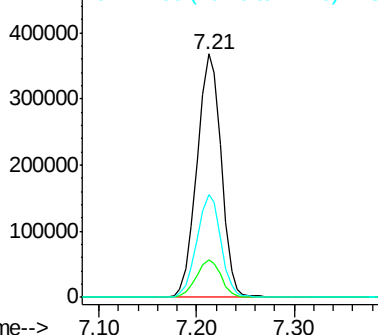
99 100

42 15.4 14.1 21.1

71 42.0 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: BG035438.D

Acq: 27 Jun 2018 9:49

Tgt Ion: 136 Resp: 197701

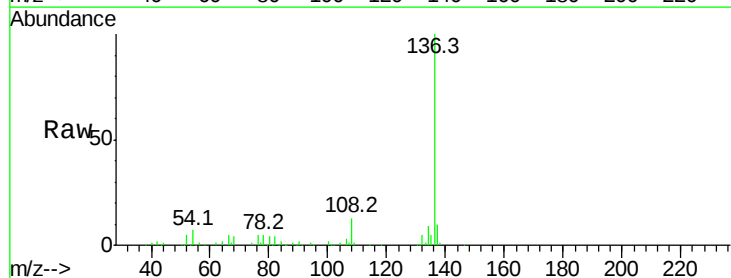
Ion Ratio Lower Upper

136 100

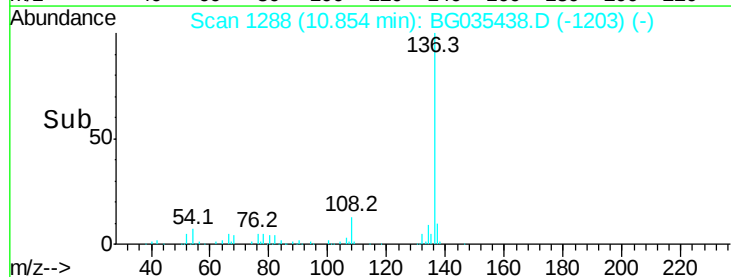
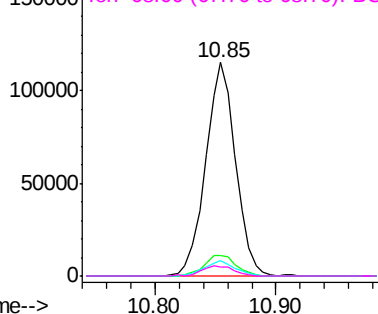
137 9.8 9.2 13.8

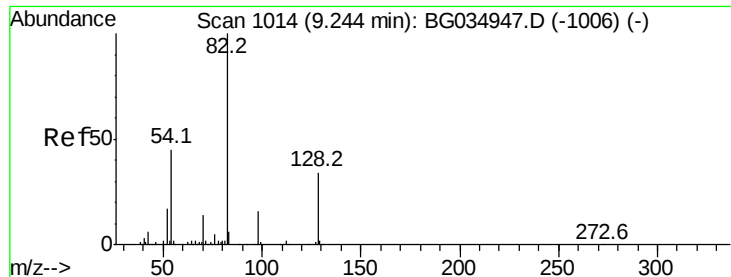
54 7.1 10.3 15.5#

68 4.2 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

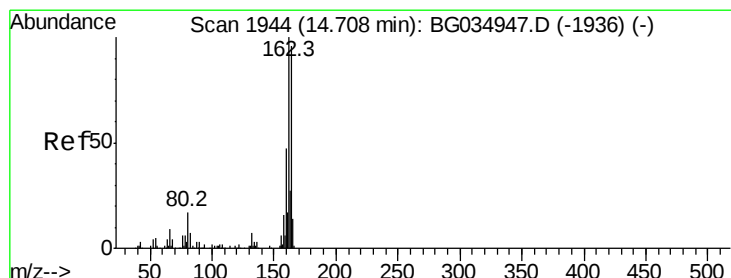
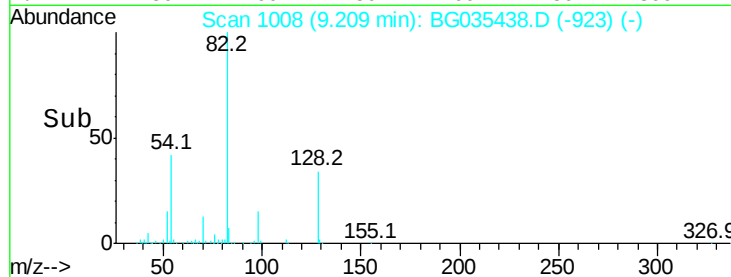
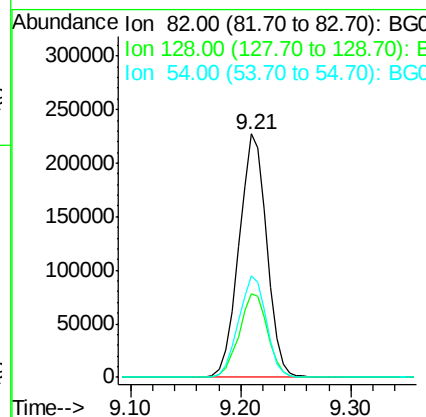
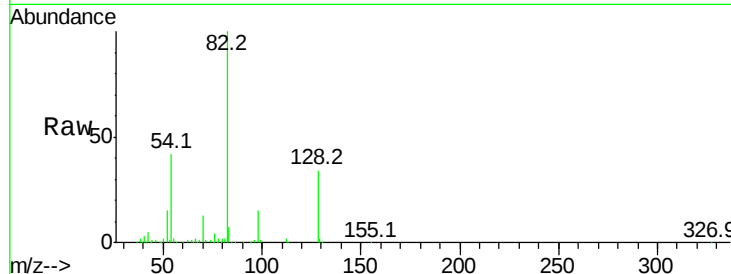




#23
 Nitrobenzene-d5
 Concen: 96.609 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035438.D
 Acq: 27 Jun 2018 9:49

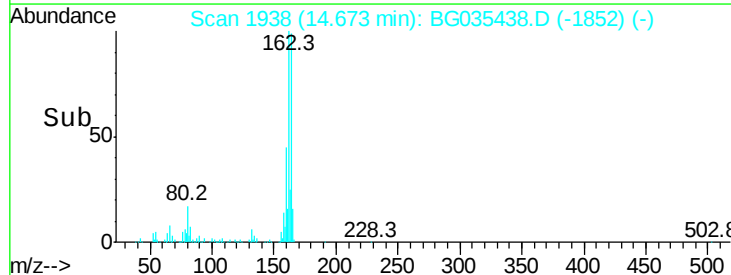
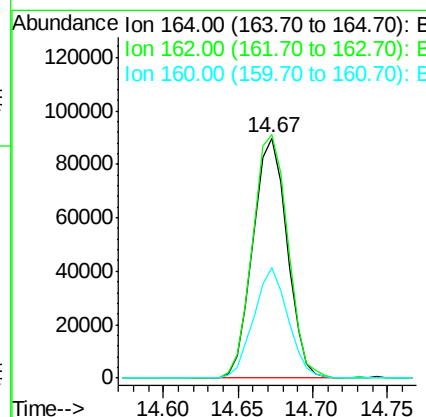
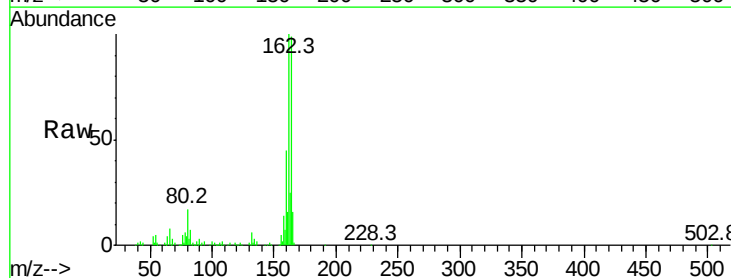
Instrument :
 BNA_G
 ClientSampleId :
 PE-1

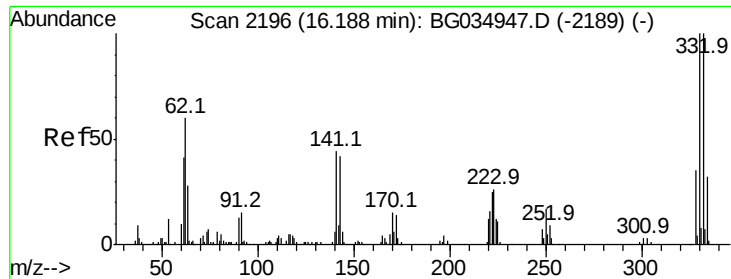
Tot Ion	82	Resp	401809
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	41.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035438.D
 Acq: 27 Jun 2018 9:49

Tgt Ion	164	Resp	142041
Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	45.9	35.4	53.0

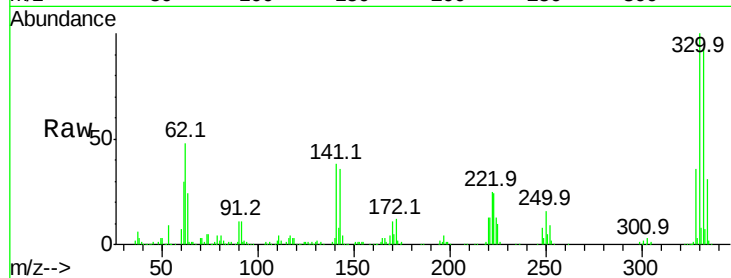




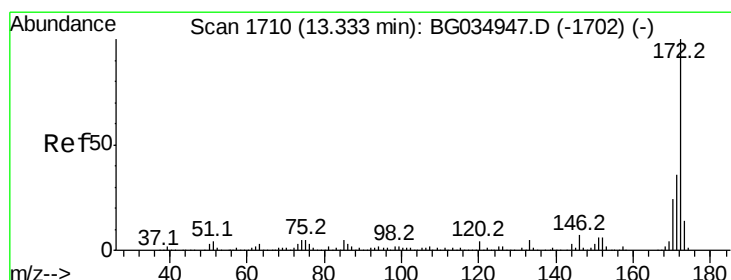
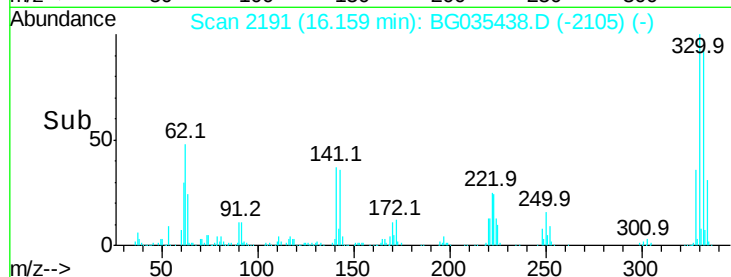
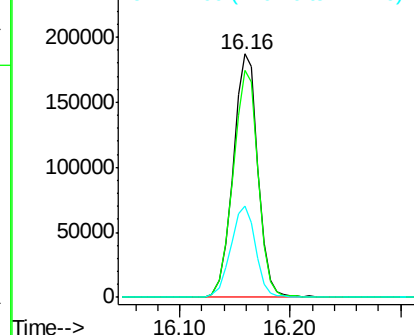
#41
 2,4,6-Tribromophenol
 Concen: 161.262 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035438.D
 Acq: 27 Jun 2018 9:49

Instrument :
 BNA_G
 ClientSampled :
 PE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	37.9	25.2	37.8#

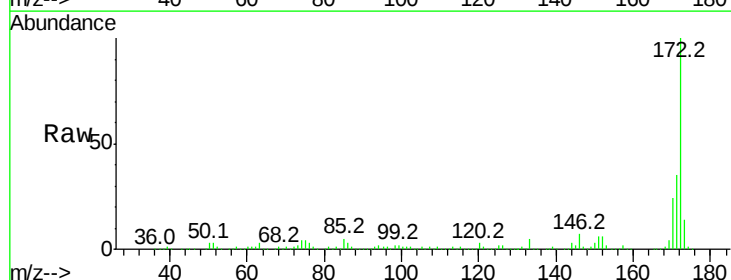


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

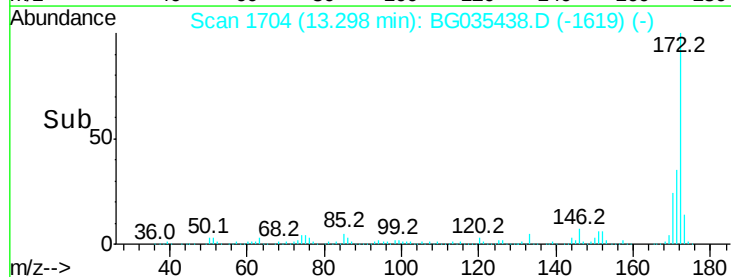
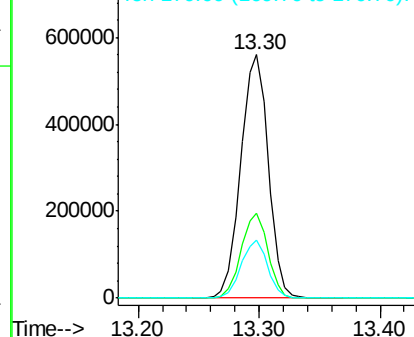


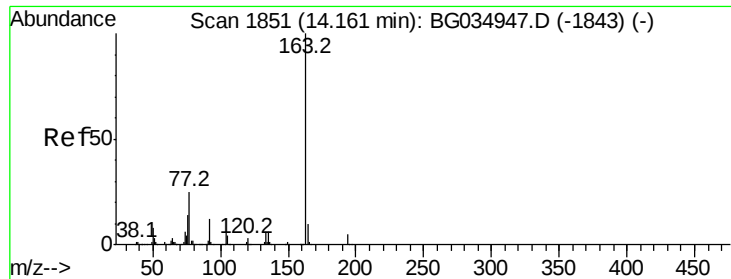
#44
 2-Fluorobiphenyl
 Concen: 81.522 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035438.D
 Acq: 27 Jun 2018 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.9	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





#49

Dimethylphthalate

Concen: 10.042 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035438.D

Acq: 27 Jun 2018 9:49

Instrument :

BNA_G

ClientSampled :

PE-1

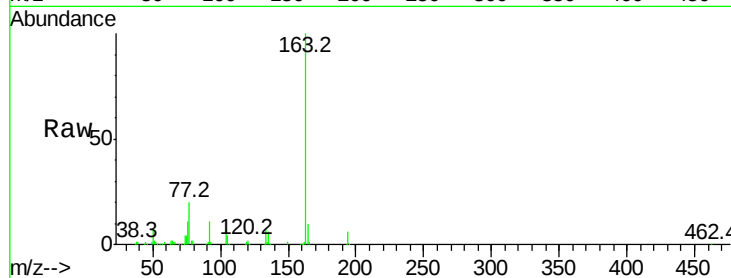
Tot Ion:163 Resp: 124390

Ion Ratio Lower Upper

163 100

194 5.8 3.4 5.2#

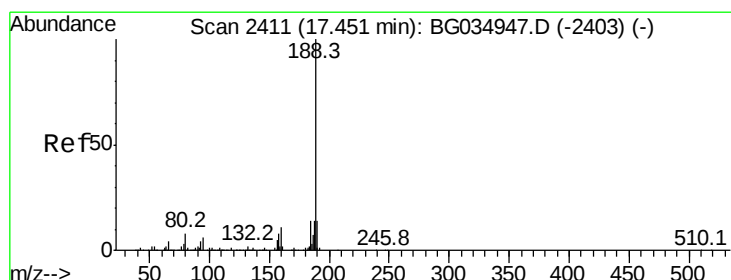
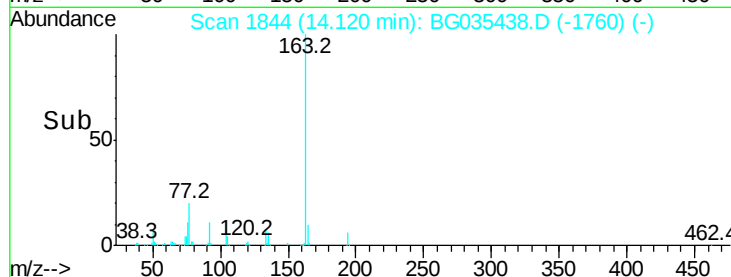
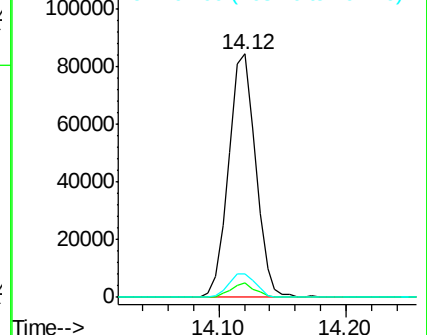
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035438.D

Acq: 27 Jun 2018 9:49

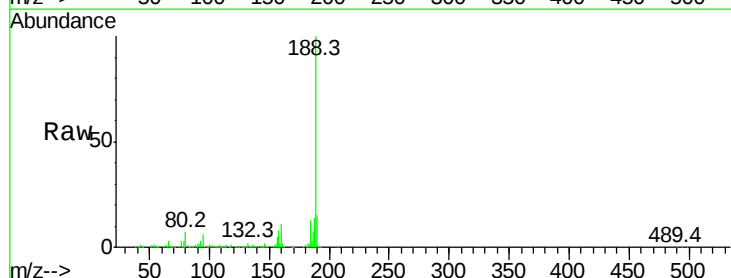
Tgt Ion:188 Resp: 367077

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

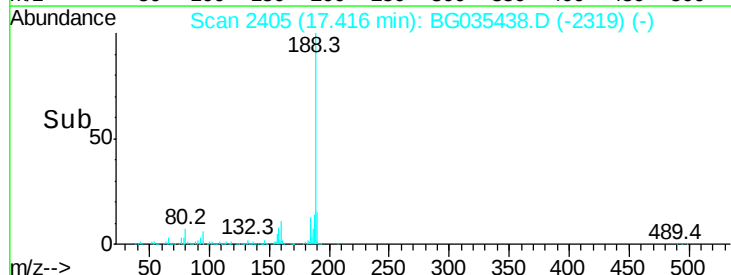
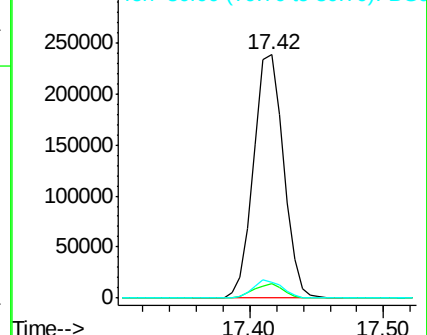
80 6.7 7.7 11.5#

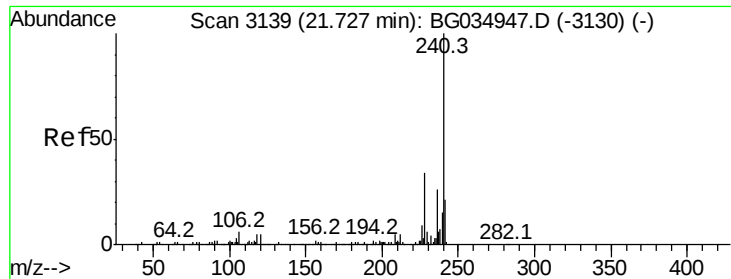


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG035438.D

Acq: 27 Jun 2018 9:49

Instrument :

BNA_G

ClientSampleId :

PE-1

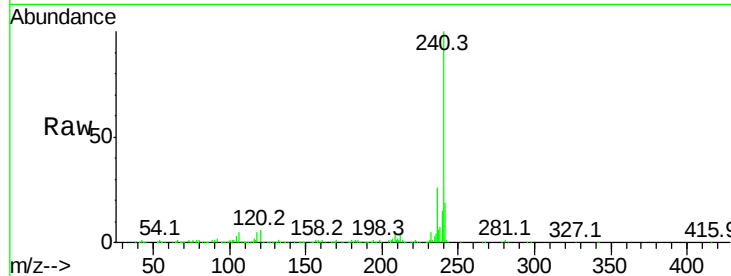
Tot Ion:240 Resp: 399805

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

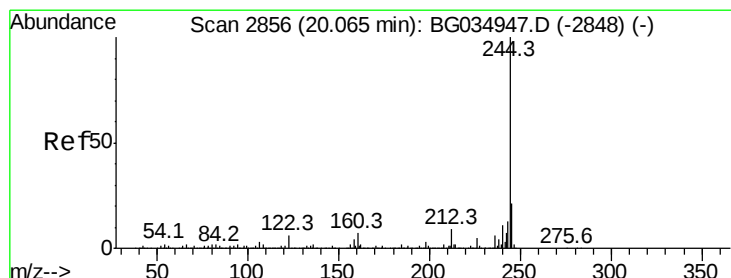
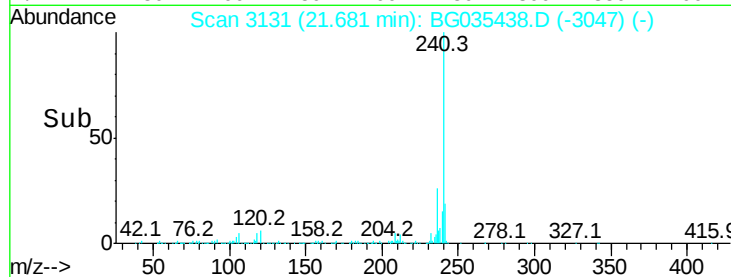
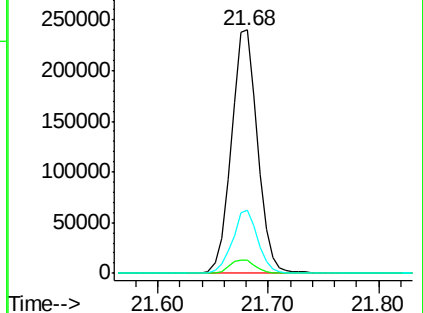
236 25.7 20.9 31.3



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: 77.686 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035438.D

Acq: 27 Jun 2018 9:49

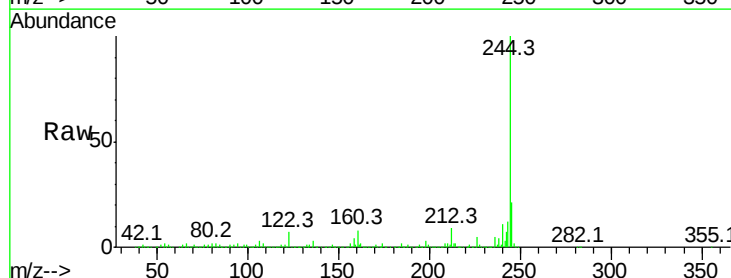
Tgt Ion:244 Resp: 1482775

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

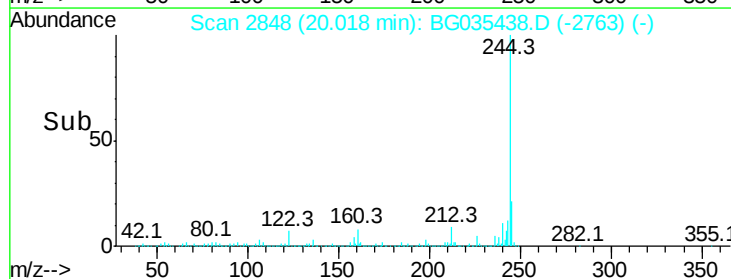
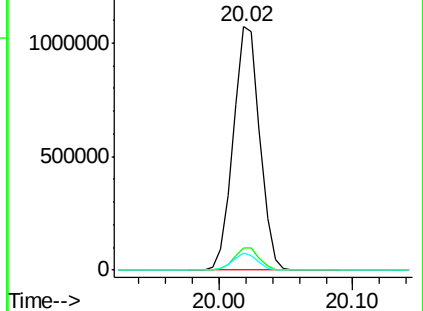
122 6.8 7.0 10.4#

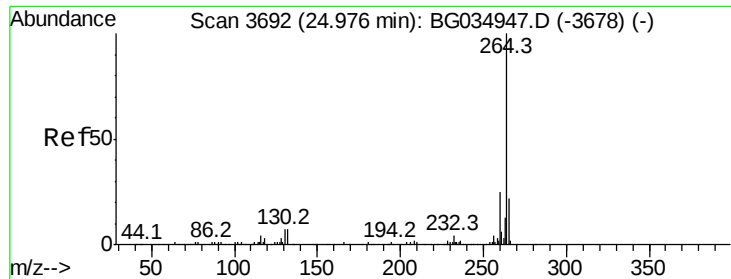


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

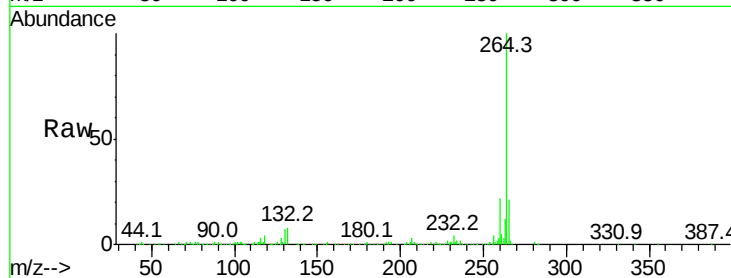




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035438.D
 Acq: 27 Jun 2018 9:49

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.2	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

