

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035339.D
 Acq On : 22 Jun 2018 18:44
 Operator : JU/SJ
 Sample : J3622-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-D

Quant Time: Jun 22 22:25:02 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	52561	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	174822	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	117759	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	334543	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	379566	20.00	ng	-0.04
86) Perylene-d12	24.90	264	357167	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	431139	138.43	ng	-0.01
7) Phenol-d6	7.22	99	568737	123.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	446916	121.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	316249	209.79	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1019916	112.59	ng	-0.02
78) Terphenyl-d14	20.02	244	1891926	104.41	ng	-0.02

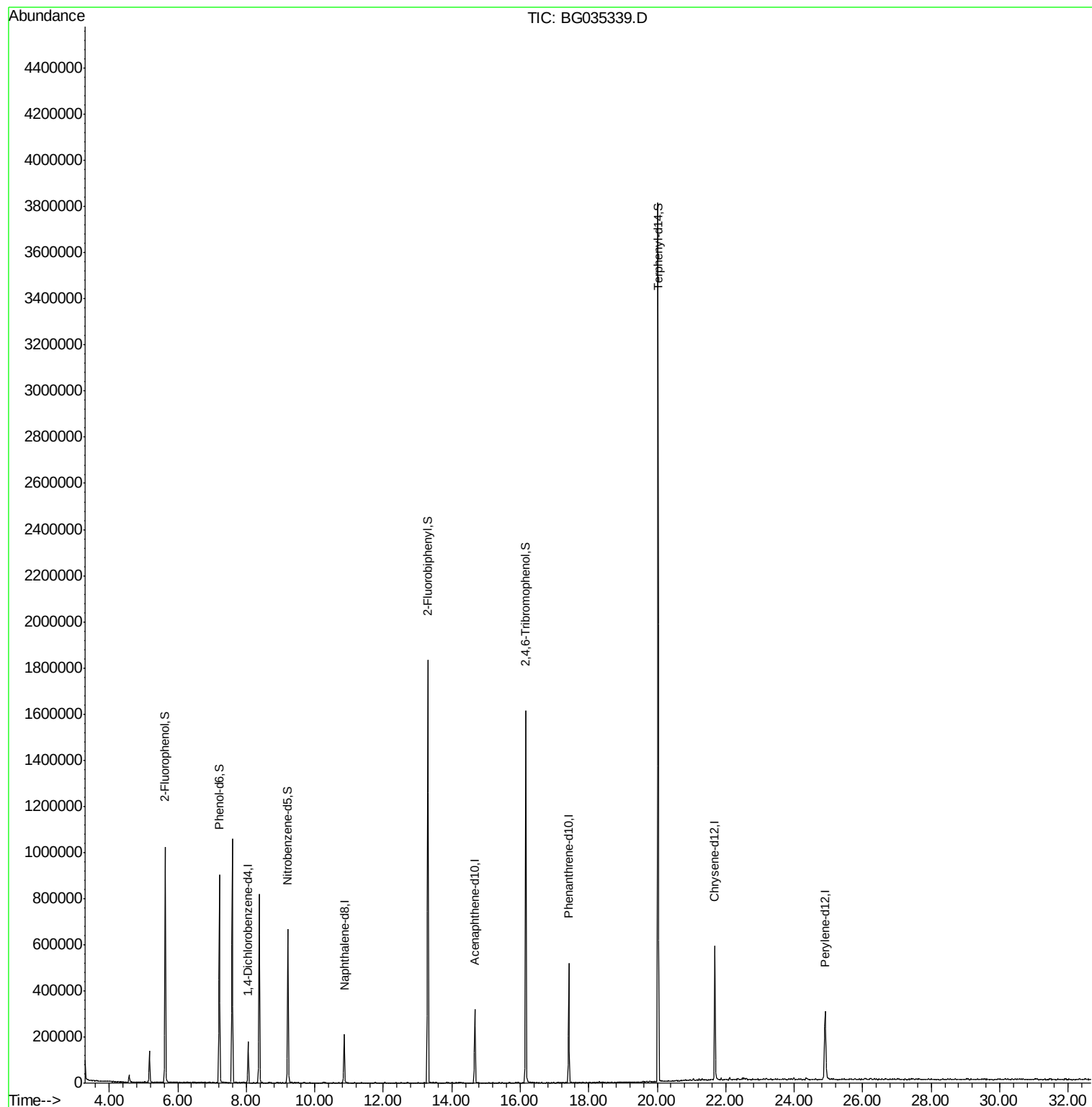
Target Compounds Qvalue

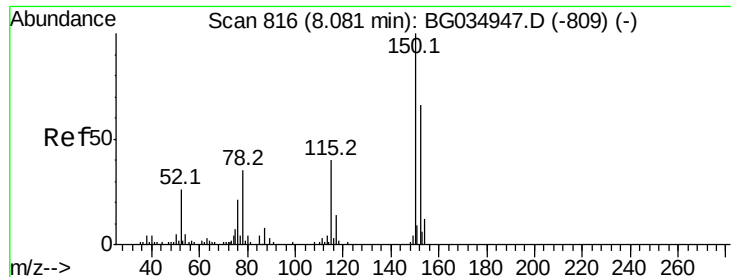
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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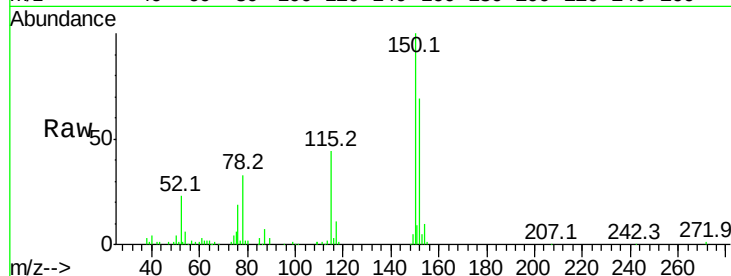


#1

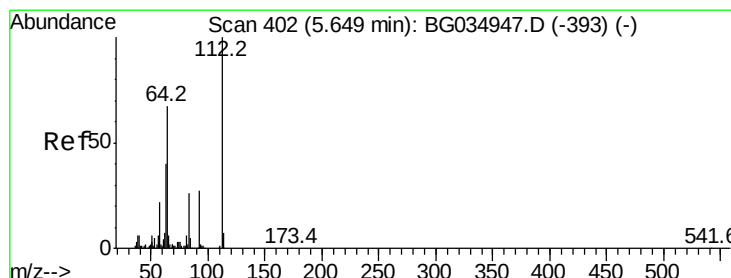
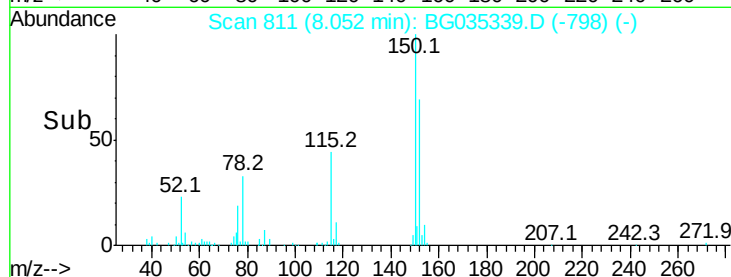
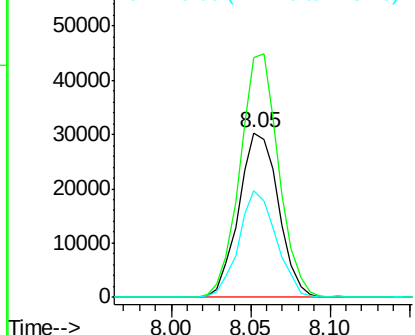
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

Instrument :
BNA_G
ClientSampled :
SP-D

Tot Ion:152 Resp: 52561
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 64.6 53.0 79.4



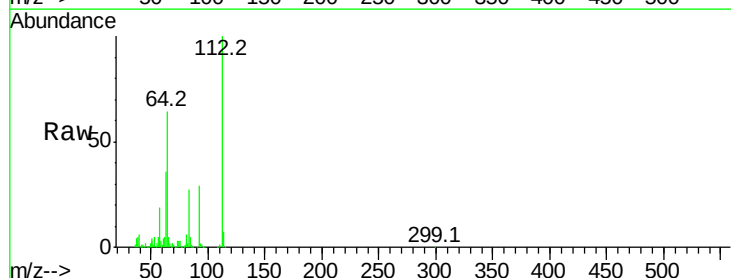
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



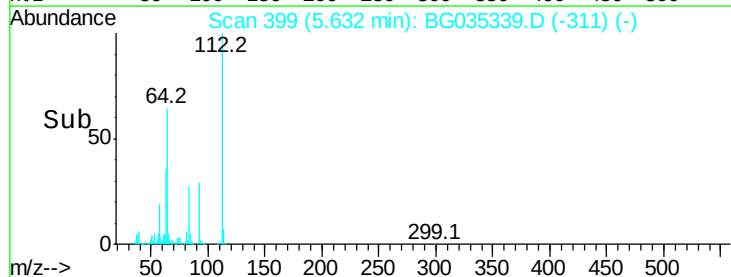
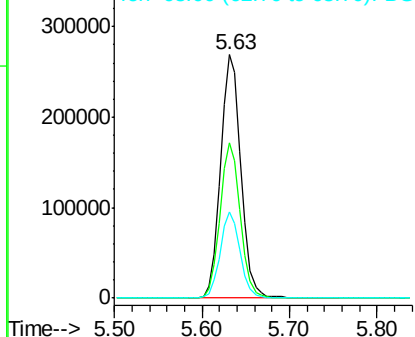
#5

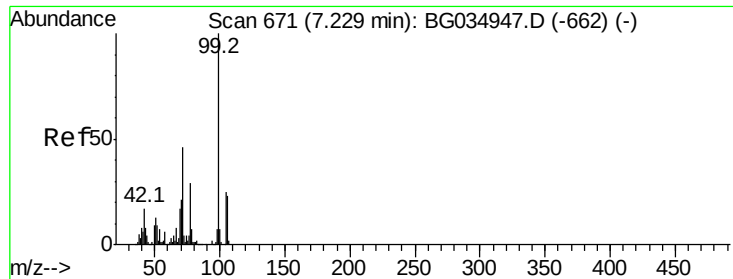
2-Fluorophenol
Concen: 138.428 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

Tgt Ion:112 Resp: 431139
Ion Ratio Lower Upper
112 100
64 63.6 56.3 84.5
63 35.5 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: 123.723 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035339.D

Acq: 22 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

SP-D

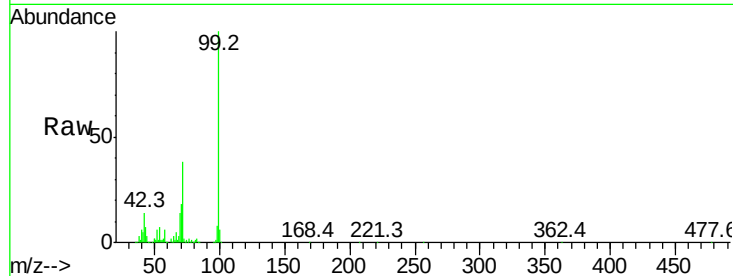
Tot Ion: 99 Resp: 568737

Ion Ratio Lower Upper

99 100

42 14.1 14.1 21.1

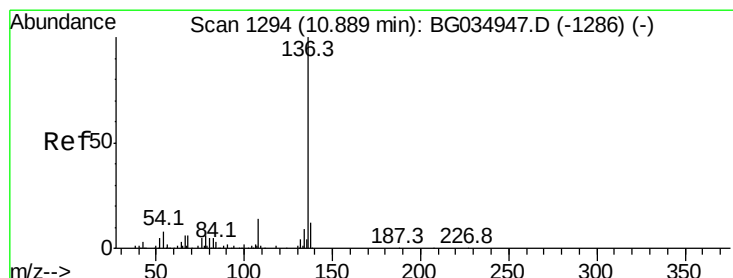
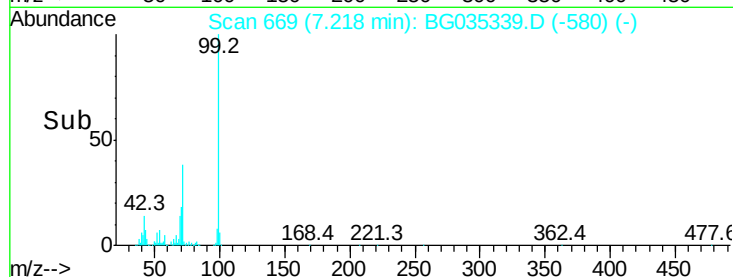
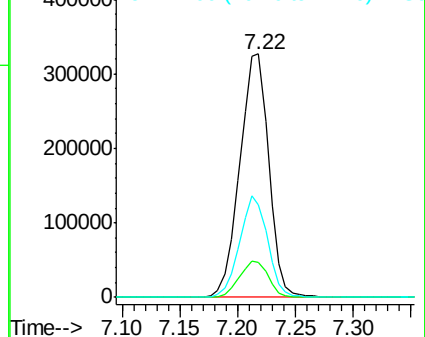
71 37.9 26.1 39.1



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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035339.D

Acq: 22 Jun 2018 18:44

Tgt Ion: 136 Resp: 174822

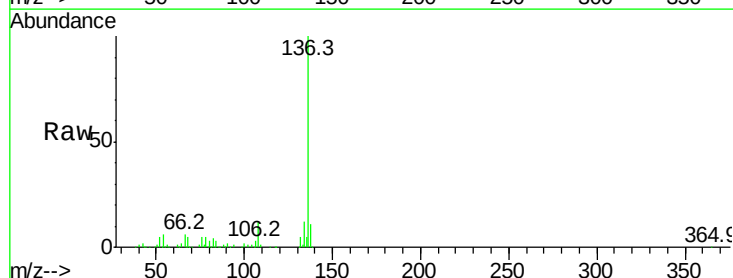
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 5.9 10.3 15.5#

68 4.5 4.5 6.7

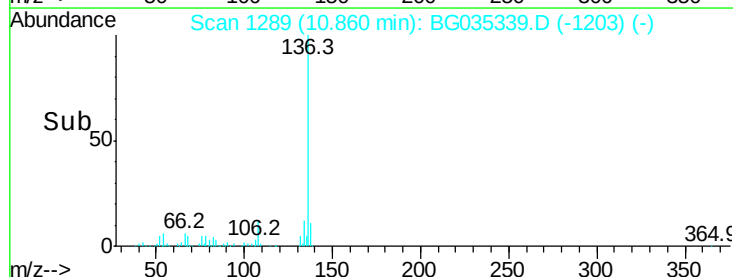
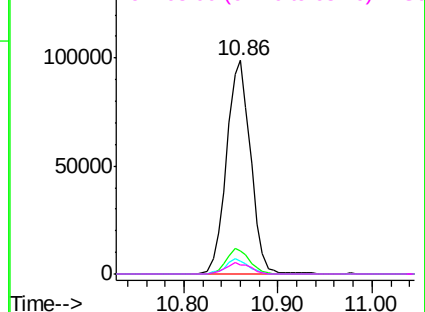


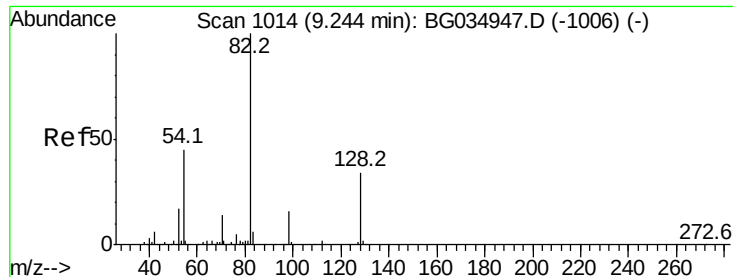
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

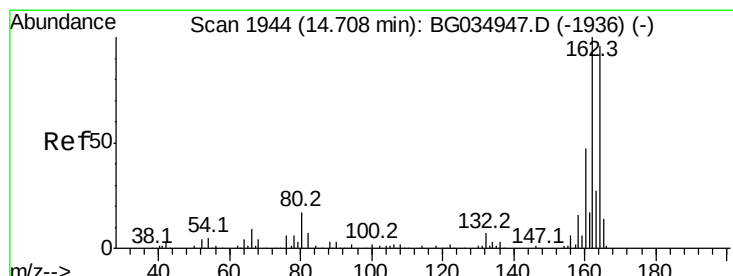
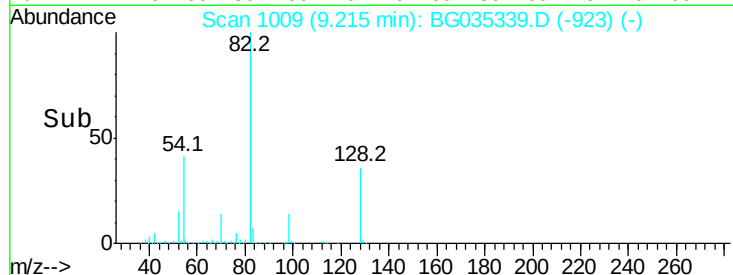
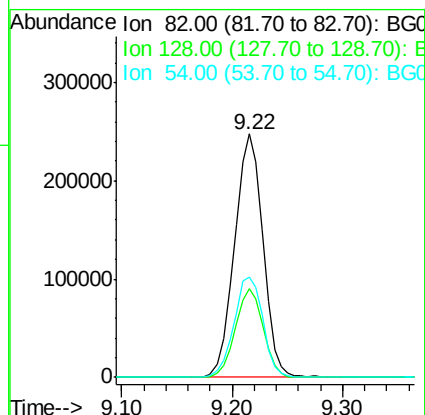
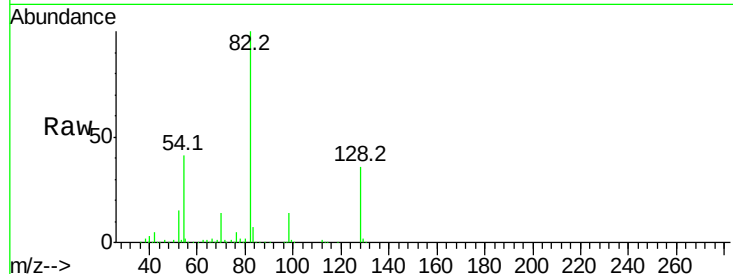




#23
Nitrobenzene-d5
Concen: 121.517 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

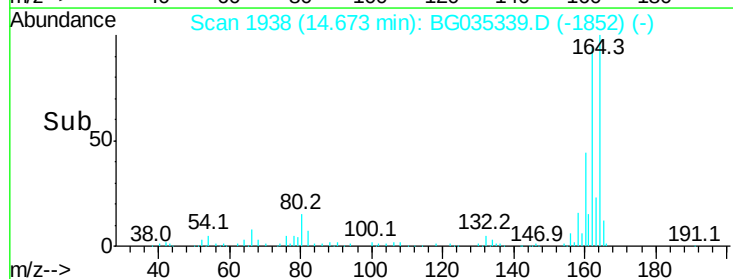
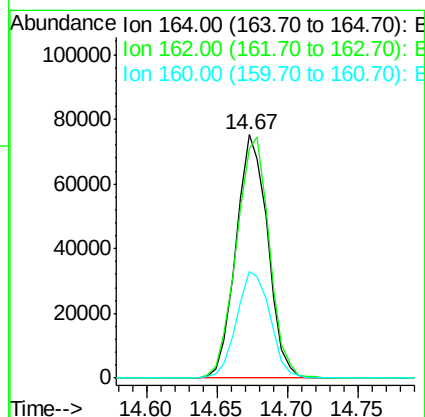
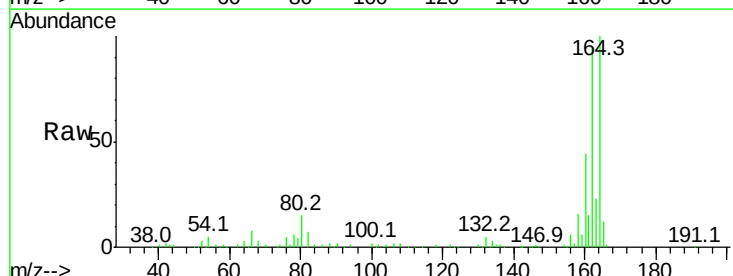
Instrument :
BNA_G
ClientSampleId :
SP-D

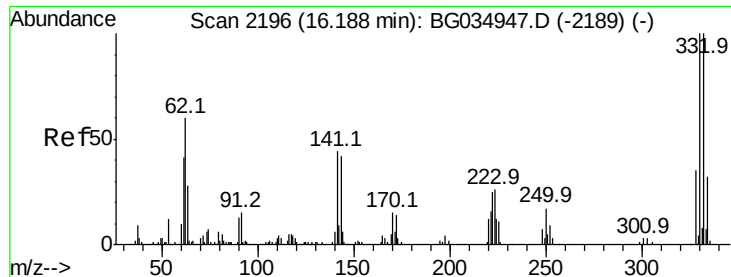
Tot Ion	82	Resp	446916
Ion Ratio	Lower	Upper	
82	100		
128	36.2	29.7	44.5
54	41.2	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

Tgt Ion	164	Resp	117759
Ion Ratio	Lower	Upper	
164	100		
162	94.3	78.8	118.2
160	43.6	35.4	53.0

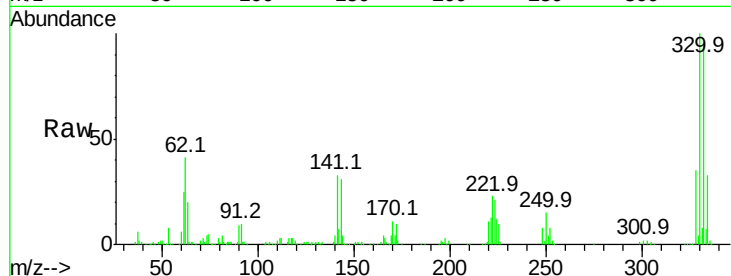




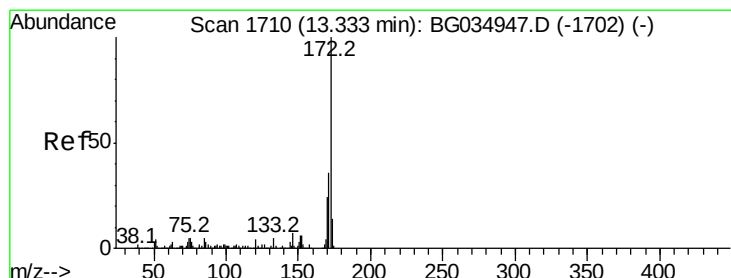
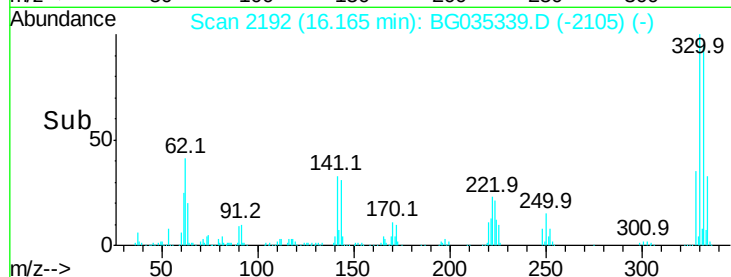
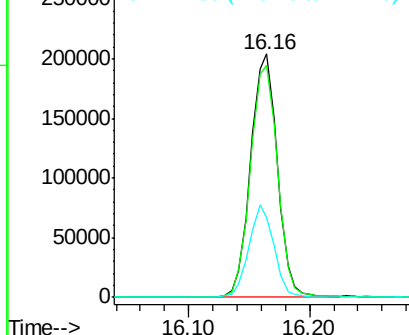
#41
 2,4,6-Tribromophenol
 Concen: 209.789 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035339.D
 Acq: 22 Jun 2018 18:44

Instrument :
 BNA_G
 ClientSampled :
 SP-D

Tot Ion:330 Resp: 316249
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 35.5 25.2 37.8

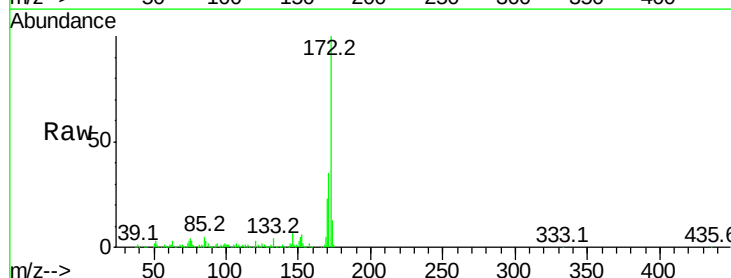


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

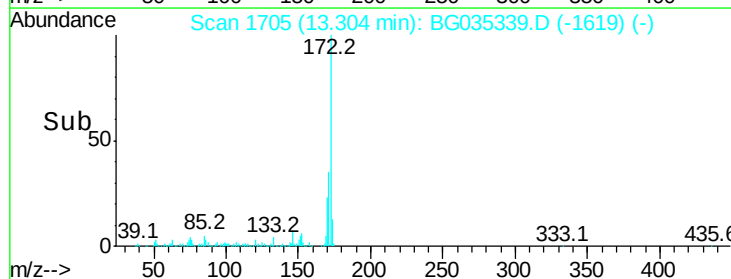
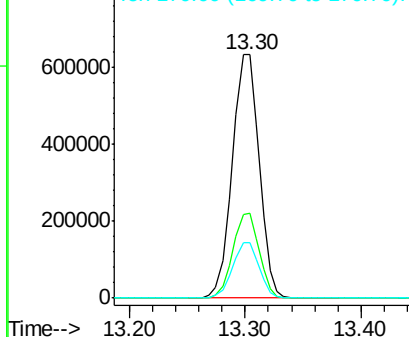


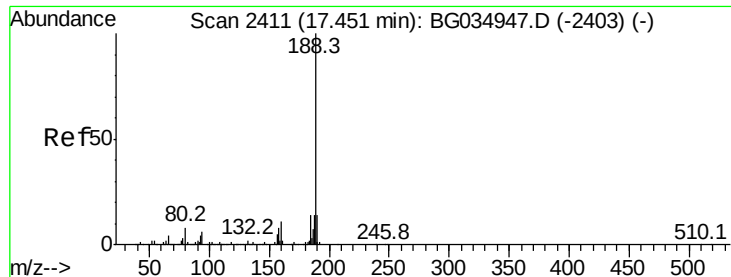
#44
 2-Fluorobiphenyl
 Concen: 112.593 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035339.D
 Acq: 22 Jun 2018 18:44

Tgt Ion:172 Resp: 1019916
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.0 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

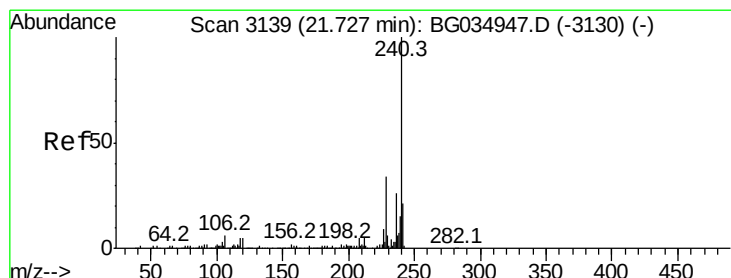
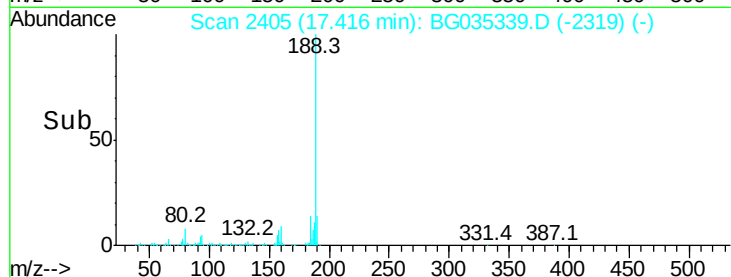
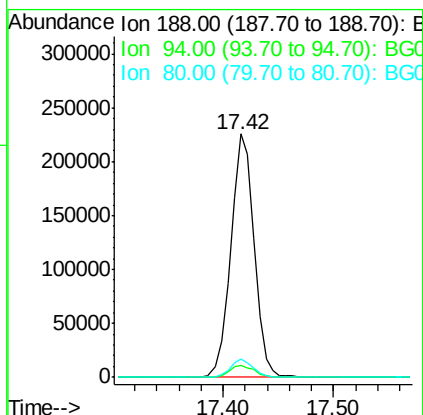
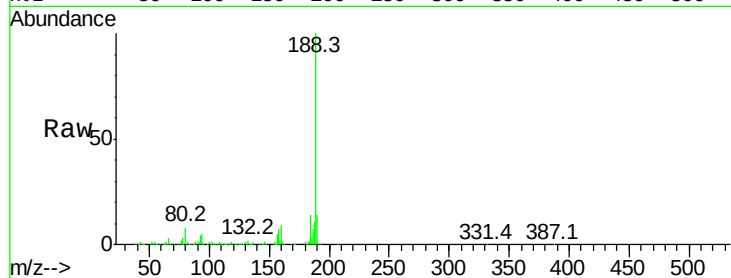




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

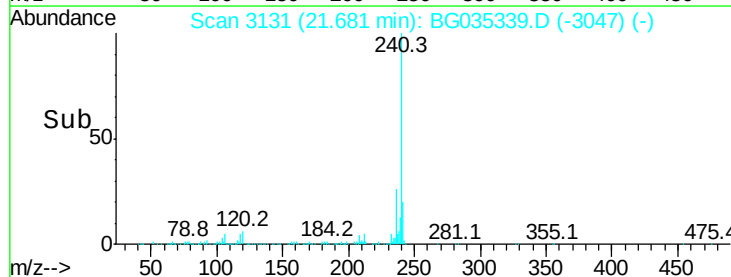
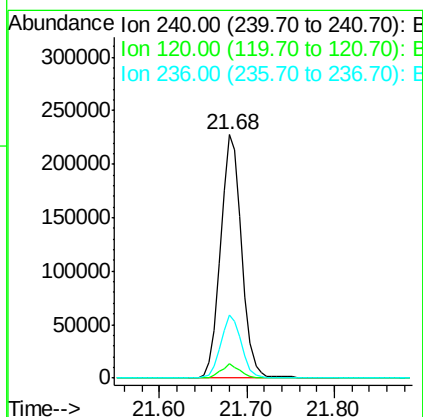
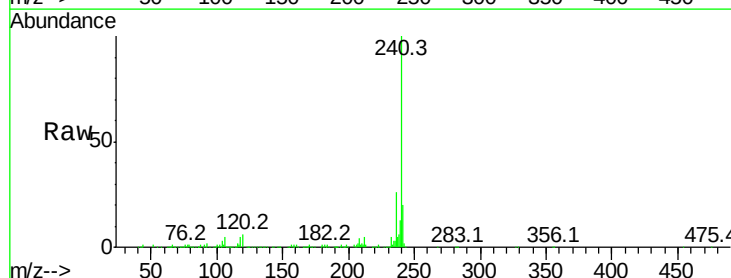
Instrument :
BNA_G
ClientSampleId :
SP-D

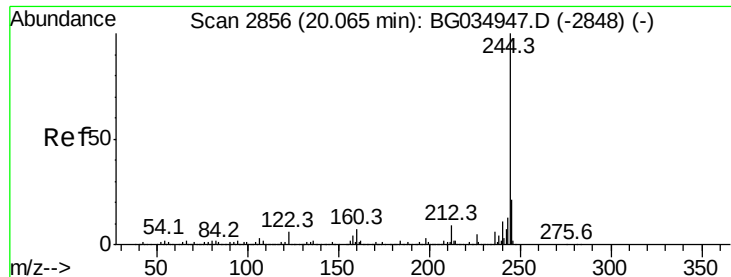
Tot Ion:188 Resp: 334543
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035339.D
Acq: 22 Jun 2018 18:44

Tgt Ion:240 Resp: 379566
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 104.408 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035339.D

Acq: 22 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

SP-D

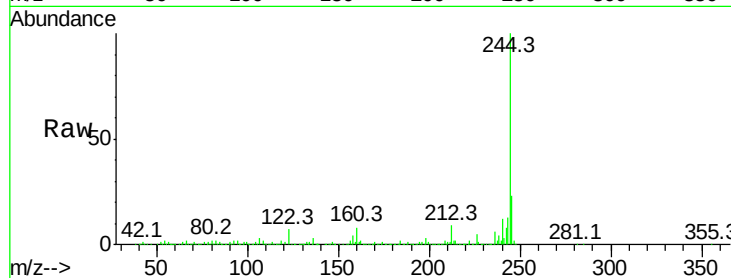
Tot Ion:244 Resp: 1891926

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

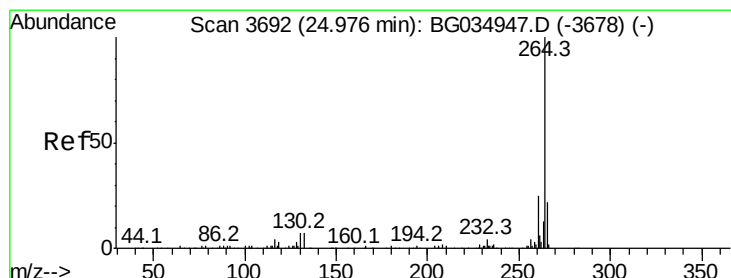
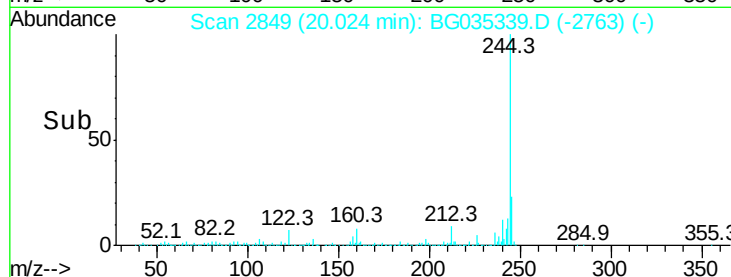
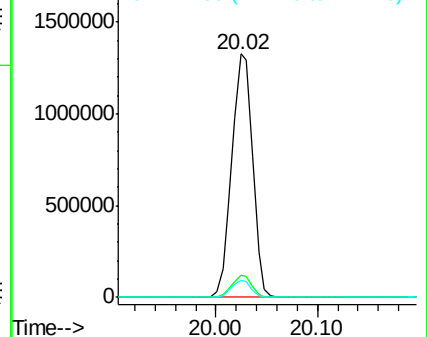
122 7.1 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035339.D

Acq: 22 Jun 2018 18:44

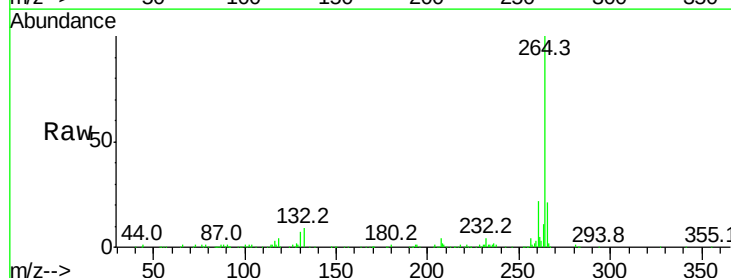
Tgt Ion:264 Resp: 357167

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 20.9 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

