

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035764.D
 Acq On : 20 Jul 2018 00:40
 Operator : JU/SJ
 Sample : J4030-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB8-12-0

Quant Time: Jul 20 03:05:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47860	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	160333	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	107798	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	306267	20.00	ng	0.00
75) Chrysene-d12	21.66	240	368272	20.00	ng	-0.02
86) Perylene-d12	24.86	264	343823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	379341	131.59	ng	0.00
7) Phenol-d6	7.20	99	479536	111.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	375909	97.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	237585	167.21	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	850691	105.73	ng	-0.01
78) Terphenyl-d14	20.01	244	1705764	102.10	ng	0.00

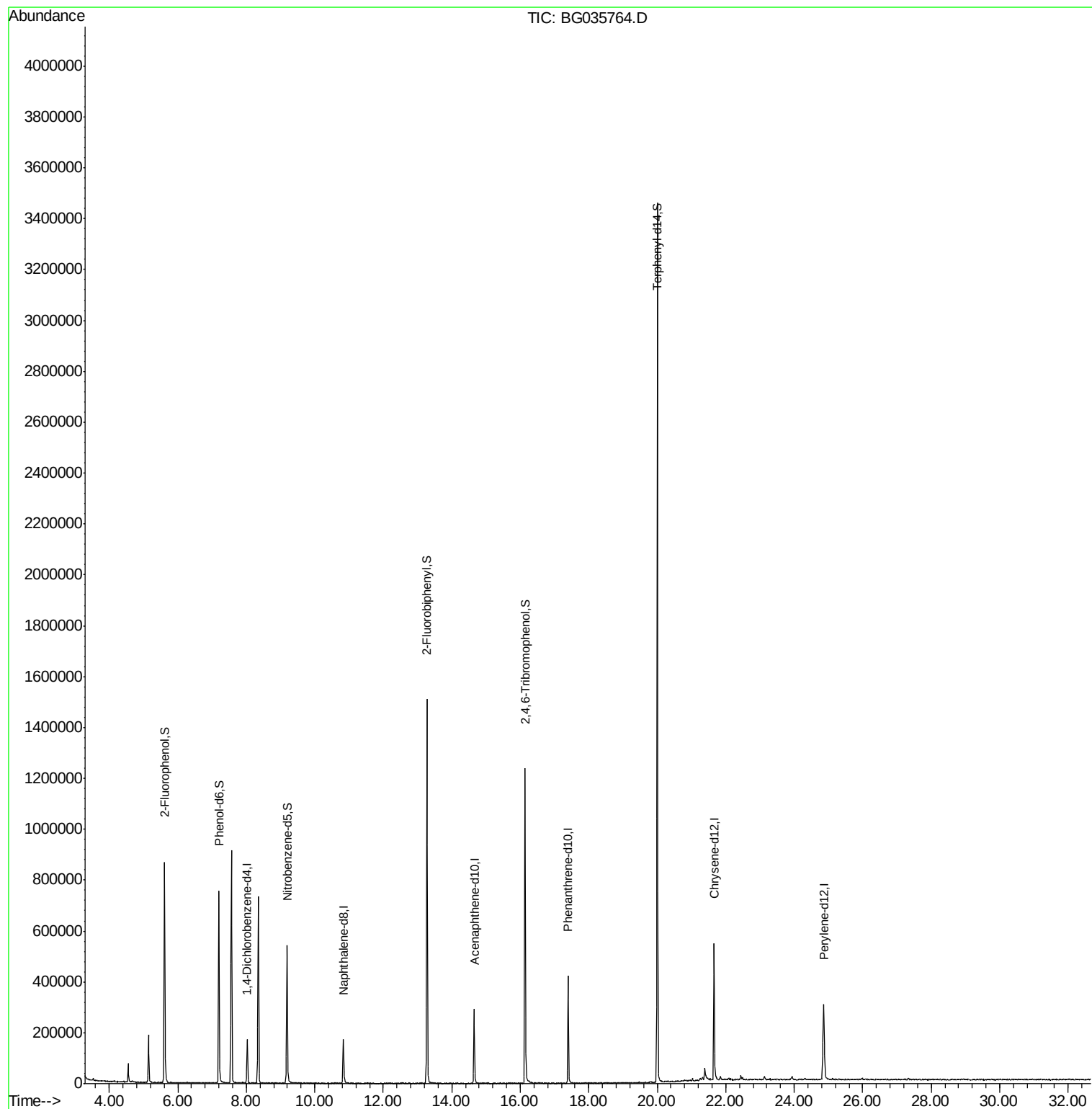
Target Compounds Qvalue

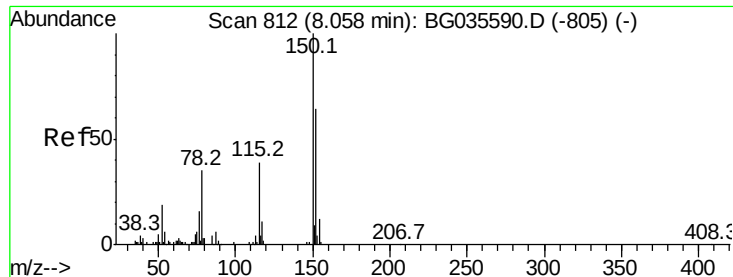
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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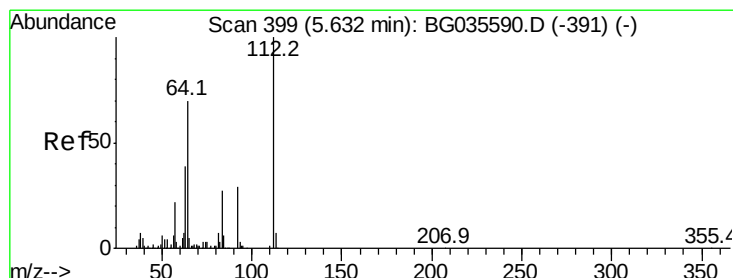
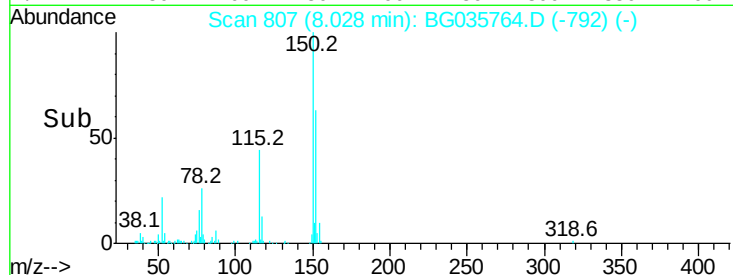
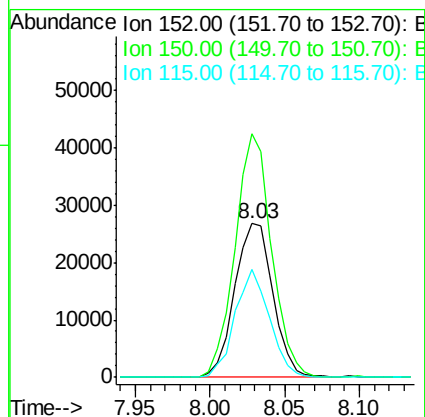
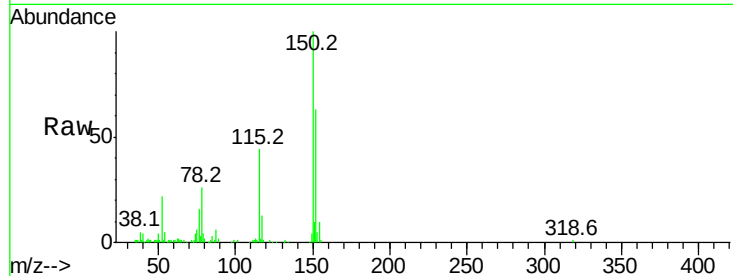


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

Instrument :
 BNA_G
 ClientSampleId :
 SB8-12-0

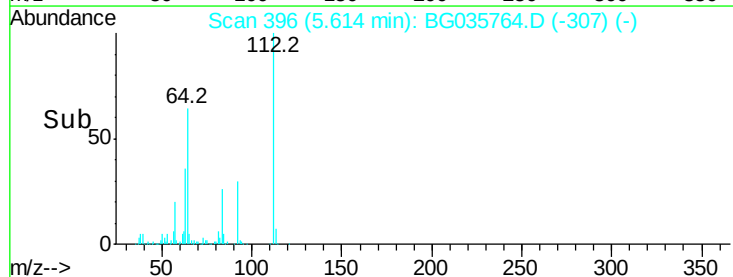
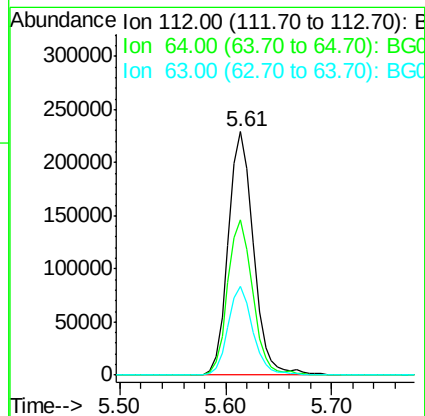
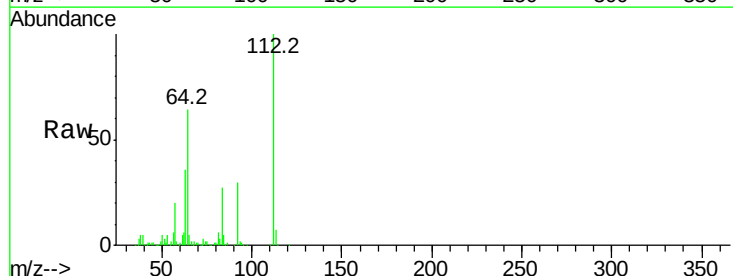
Tot Ion:152 Resp: 47860
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 189.8
 115 70.0 53.0 79.4

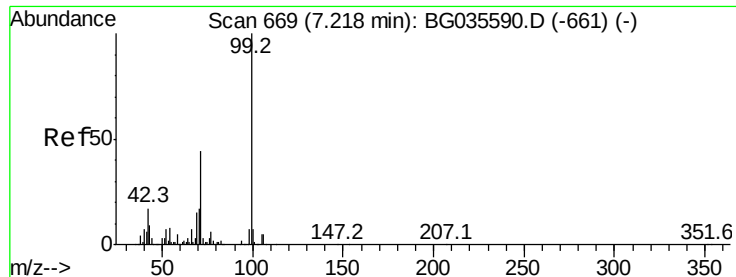


#5

2-Fluorophenol
 Concen: 131.591 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

Tgt Ion:112 Resp: 379341
 Ion Ratio Lower Upper
 112 100
 64 63.7 56.3 84.5
 63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 111.494 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035764.D

Acq: 20 Jul 2018 00:40

Instrument :

BNA_G

ClientSampleId :

SB8-12-0

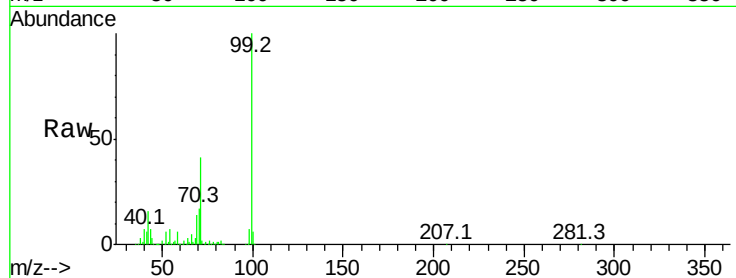
Tot Ion: 99 Resp: 479536

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

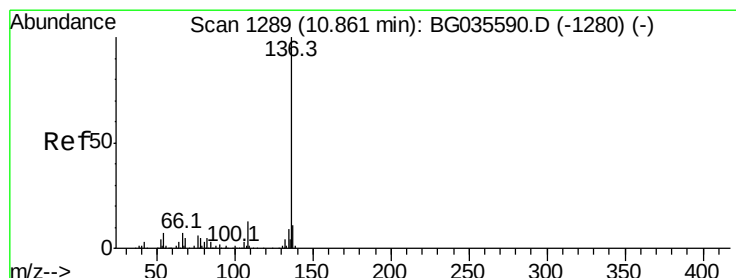
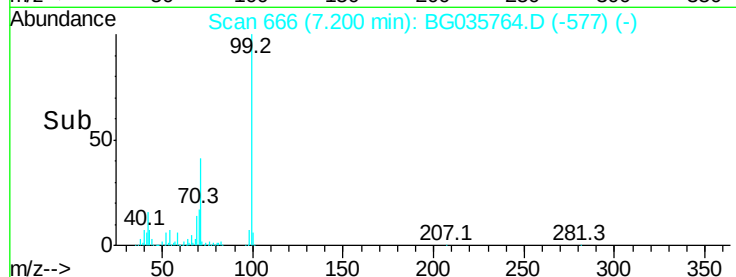
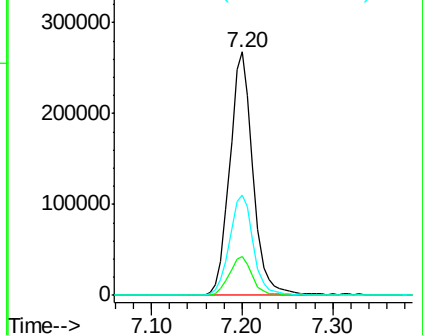
71 41.2 26.1 39.1#



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: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG035764.D

Acq: 20 Jul 2018 00:40

Tgt Ion: 136 Resp: 160333

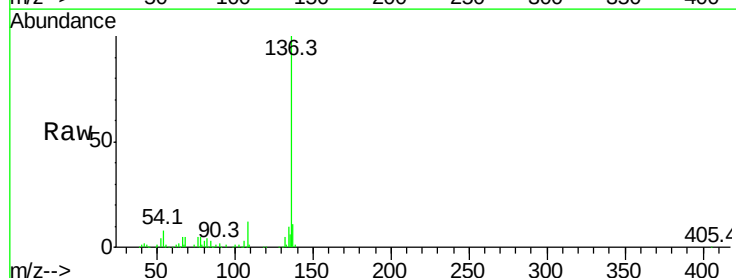
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 10.3 15.5#

68 5.4 4.5 6.7

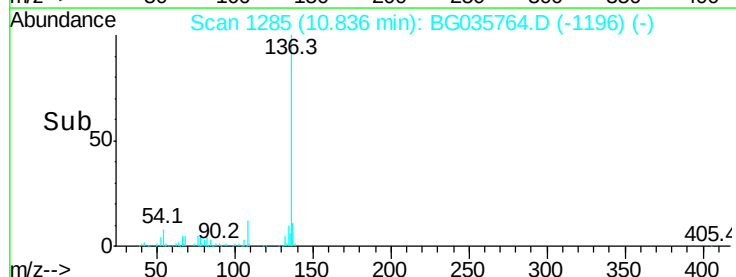
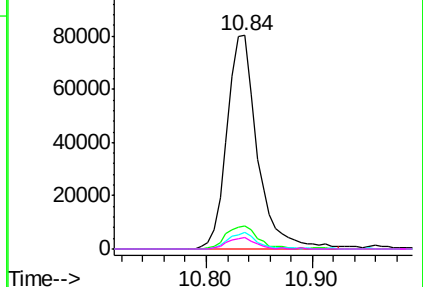


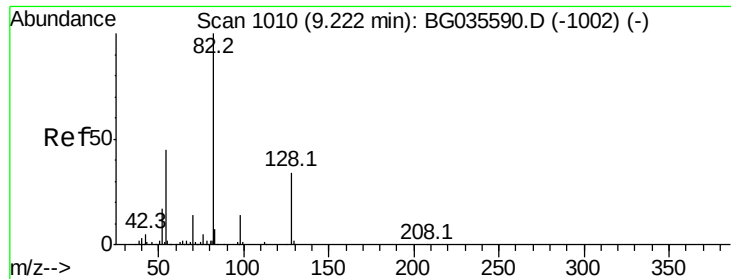
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

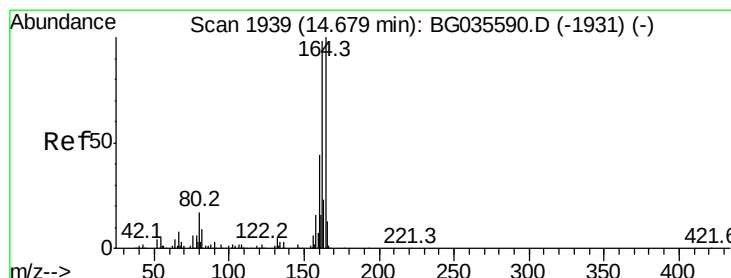
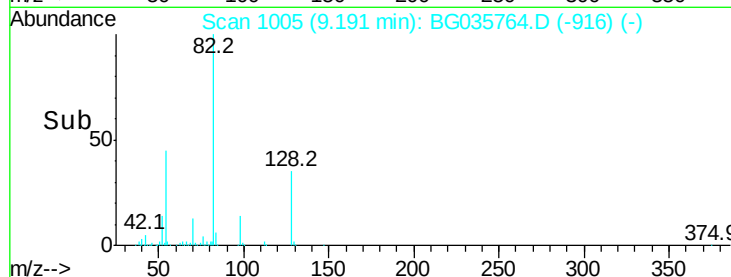
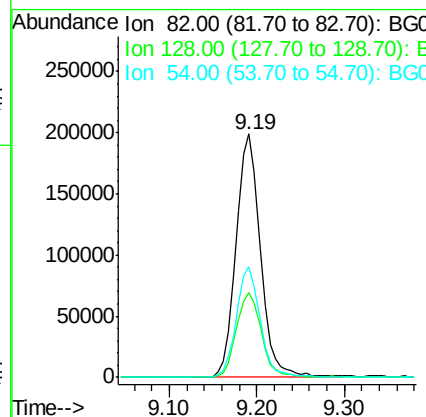
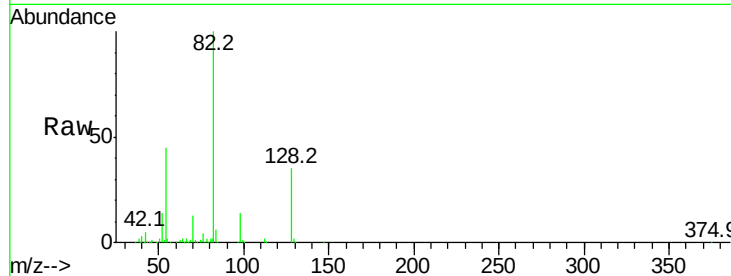




#23
 Nitrobenzene-d5
 Concen: 97.943 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

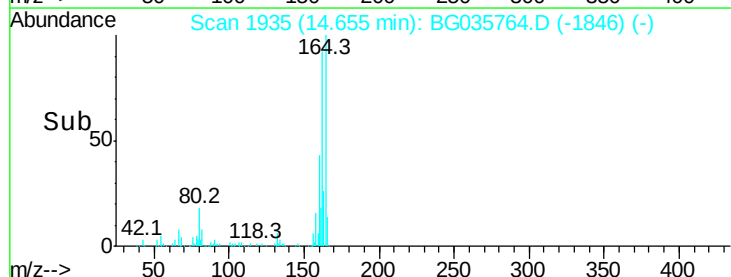
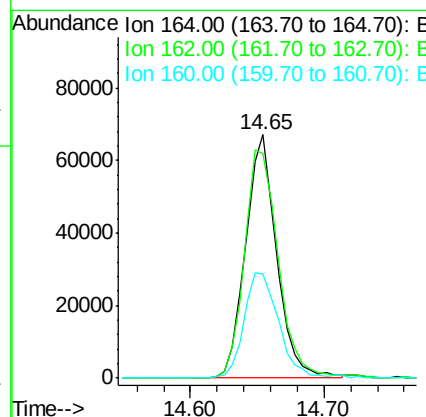
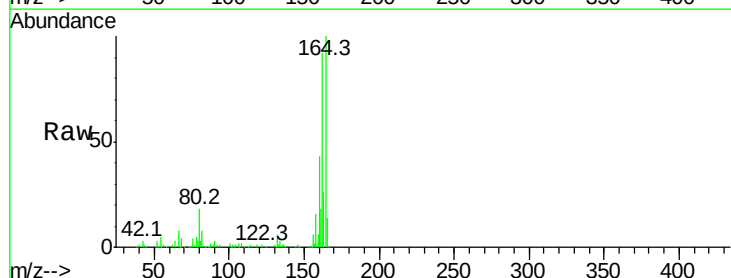
Instrument :
 BNA_G
 ClientSampleId :
 SB8-12-0

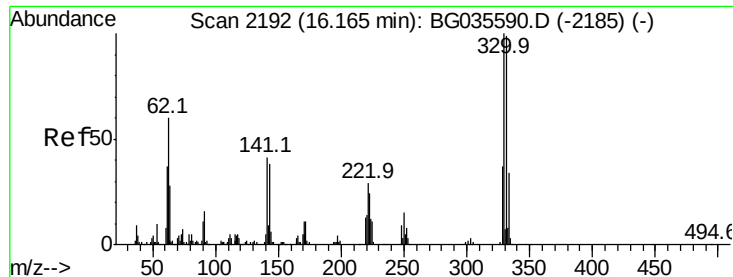
Tot Ion	82	Resp	375909
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.7	44.5
54	45.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

Tgt Ion	164	Resp	107798
Ion Ratio	Lower	Upper	
164	100		
162	92.4	78.8	118.2
160	42.9	35.4	53.0

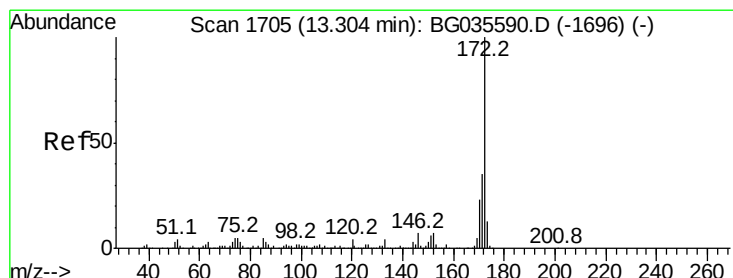
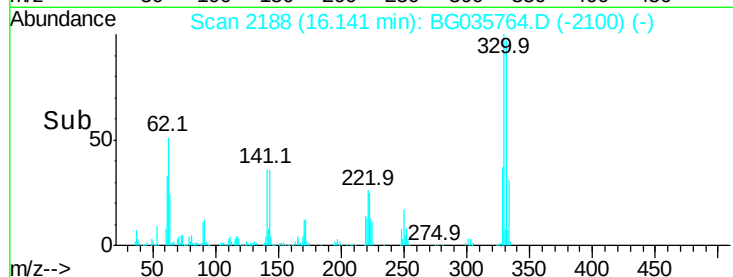
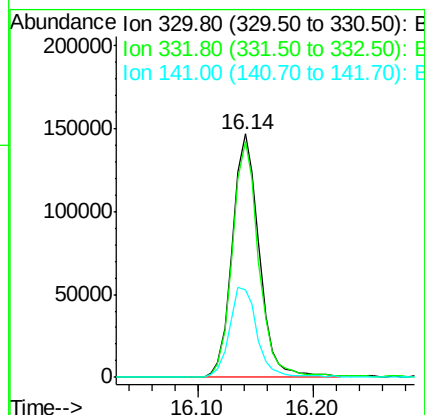
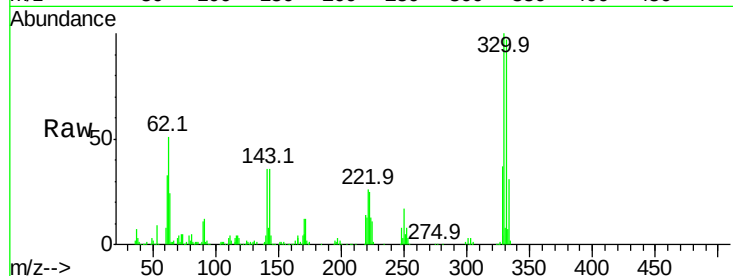




#41
 2,4,6-Tribromophenol
 Concen: 167.214 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

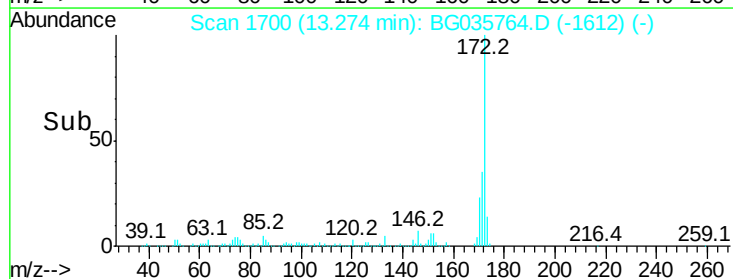
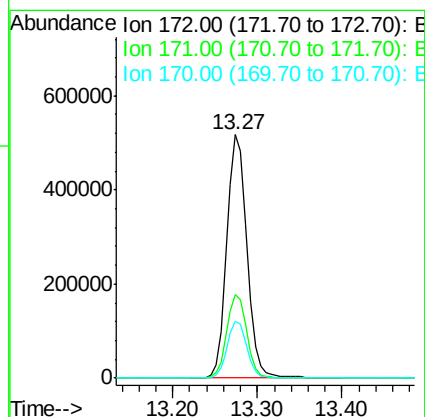
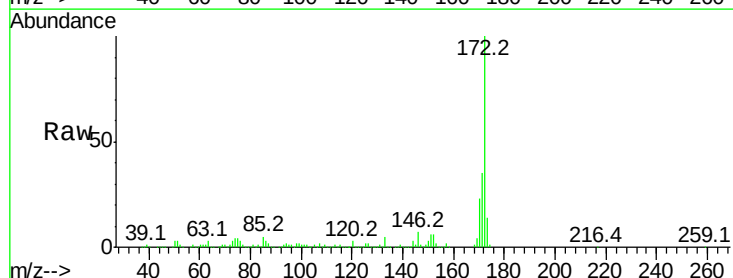
Instrument :
 BNA_G
 ClientSampleId :
 SB8-12-0

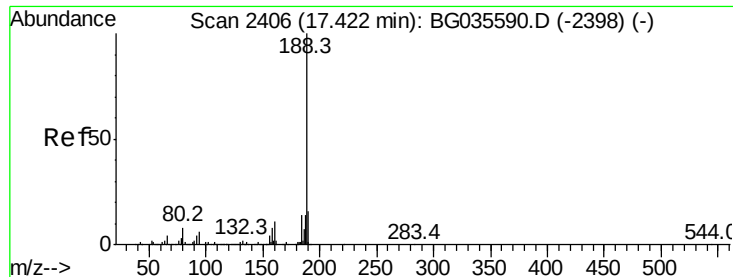
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.726 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035764.D
 Acq: 20 Jul 2018 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.5	19.5	29.3

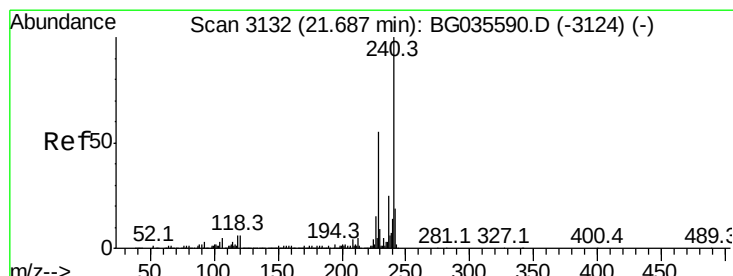
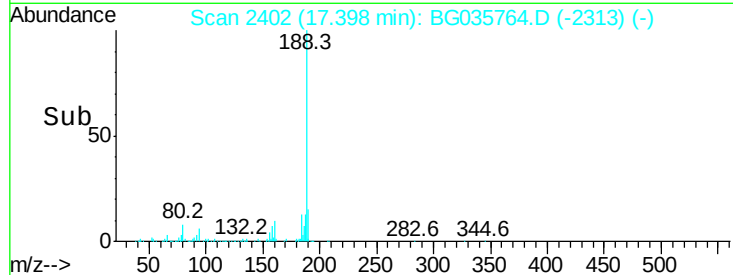
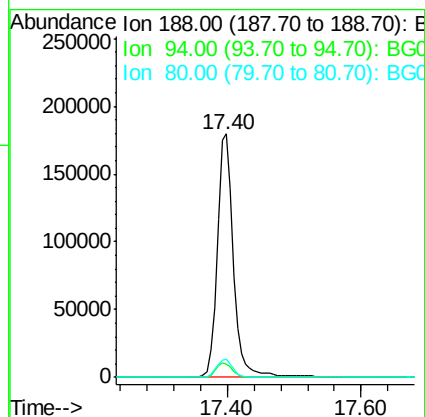
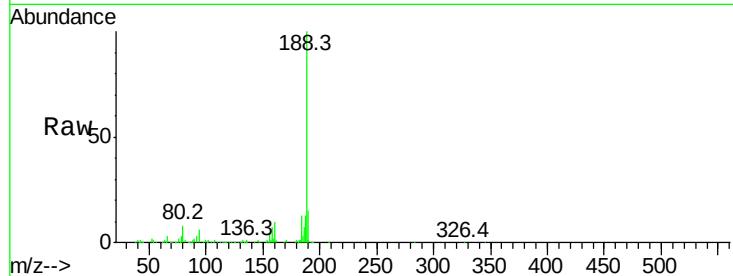




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

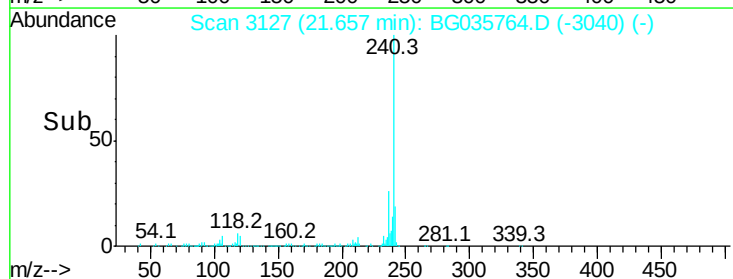
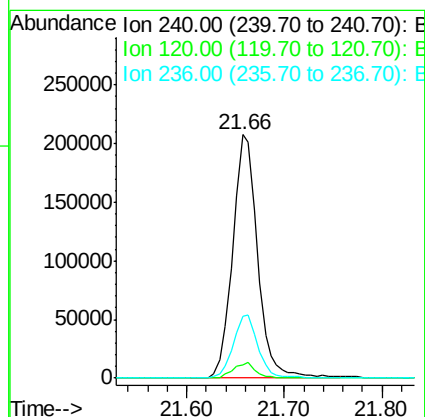
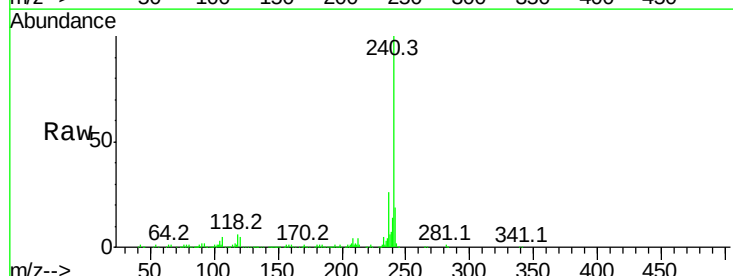
Instrument :
BNA_G
ClientSampleId :
SB8-12-0

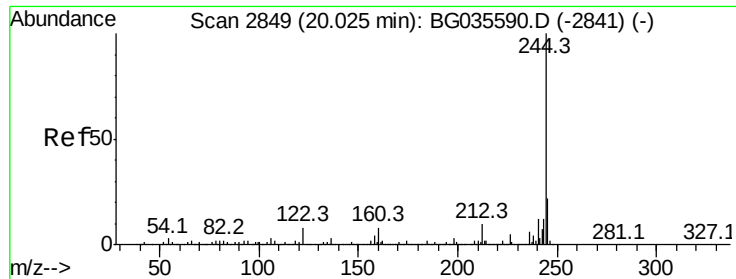
Tot Ion:188 Resp: 306267
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035764.D
Acq: 20 Jul 2018 00:40

Tgt Ion:240 Resp: 368272
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 102.099 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035764.D

Acq: 20 Jul 2018 00:40

Instrument :

BNA_G

ClientSampleId :

SB8-12-0

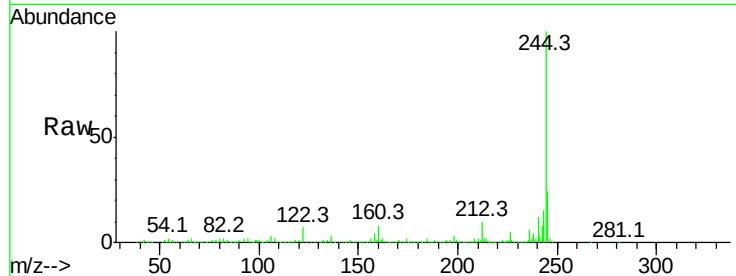
Tot Ion:244 Resp: 1705764

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

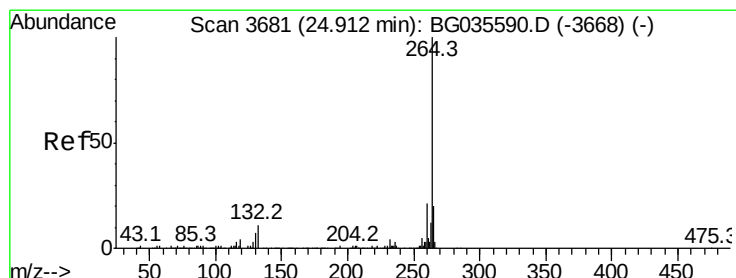
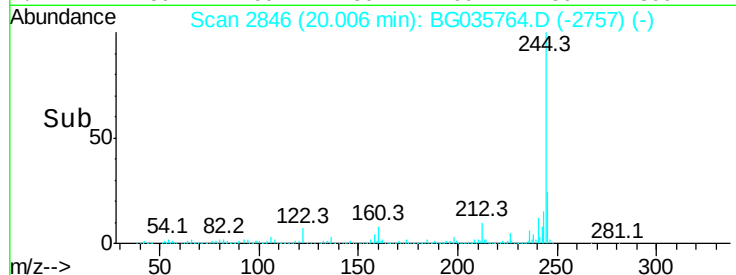
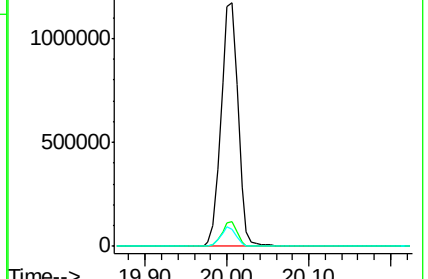
122 7.1 7.0 10.4



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: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035764.D

Acq: 20 Jul 2018 00:40

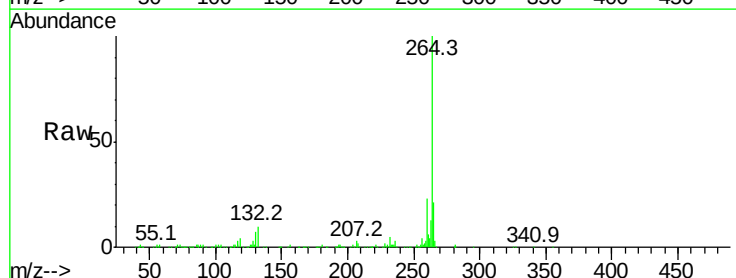
Tgt Ion:264 Resp: 343823

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.7 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

