

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035763.D
 Acq On : 20 Jul 2018 00:01
 Operator : JU/SJ
 Sample : J4030-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

Quant Time: Jul 20 03:03:04 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	48647	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166941	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	113370	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	311159	20.00	ng	0.00
75) Chrysene-d12	21.66	240	367973	20.00	ng	-0.02
86) Perylene-d12	24.86	264	348750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	380550	129.87	ng	0.00
7) Phenol-d6	7.20	99	487552	111.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	383975	96.08	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	243350	162.85	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	847283	100.13	ng	0.00
78) Terphenyl-d14	20.01	244	1683148	100.83	ng	0.00

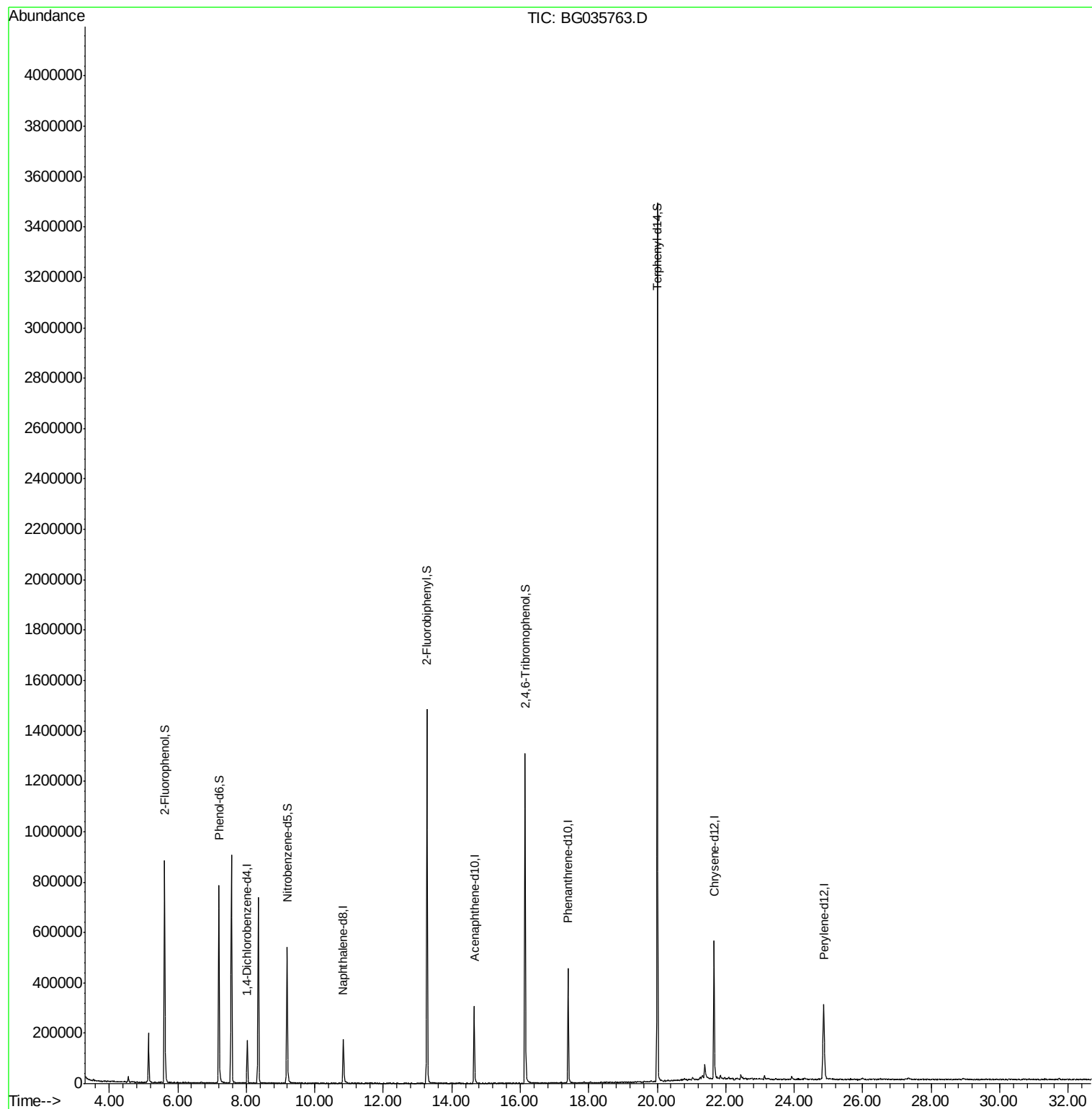
Target Compounds Qvalue

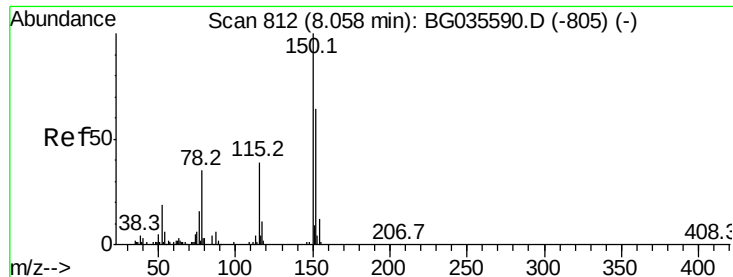
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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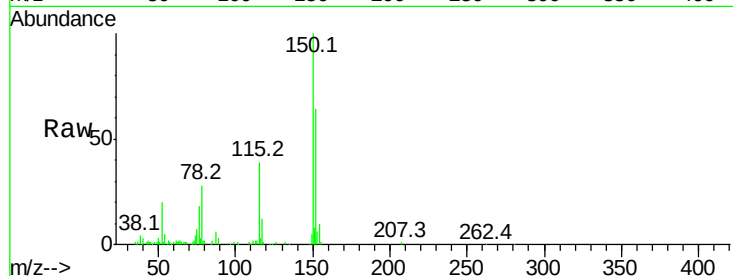


#1

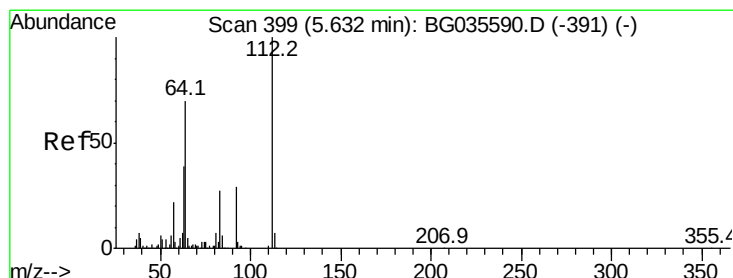
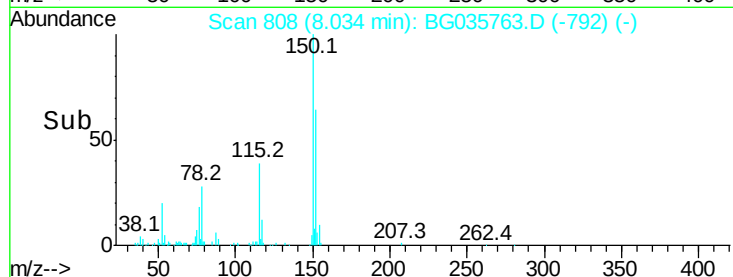
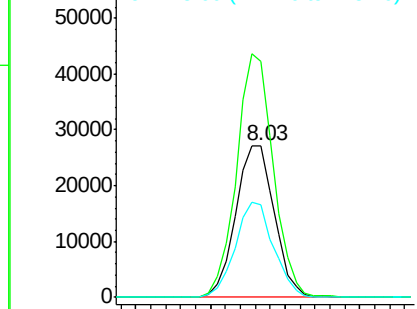
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	61.3	53.0	79.4



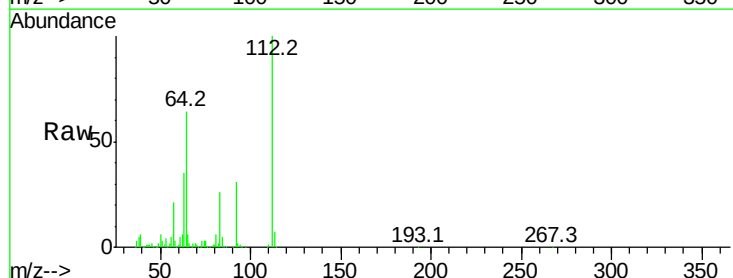
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



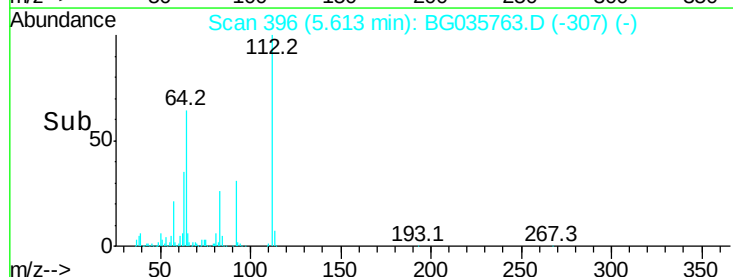
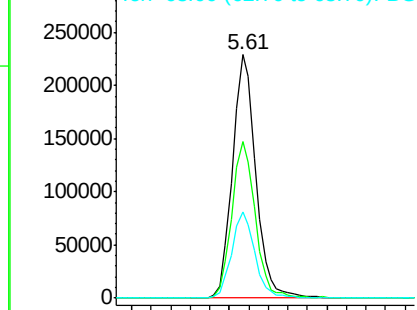
#5

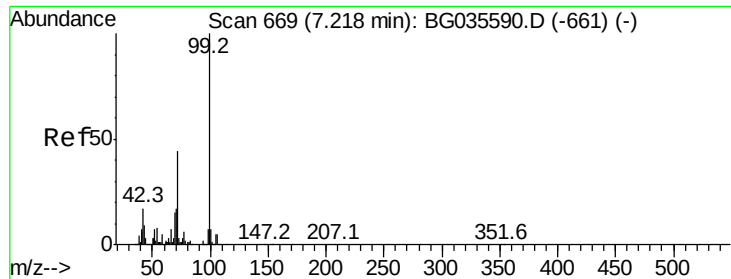
2-Fluorophenol
Concen: 129.875 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	35.4	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: 111.524 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035763.D

Acq: 20 Jul 2018 00:01

Instrument :

BNA_G

ClientSampleId :

SB7-12-7

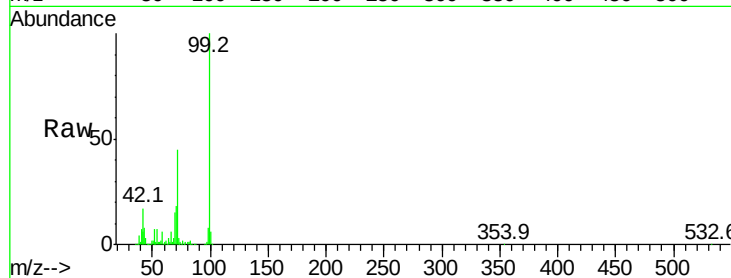
Tot Ion: 99 Resp: 487552

Ion Ratio Lower Upper

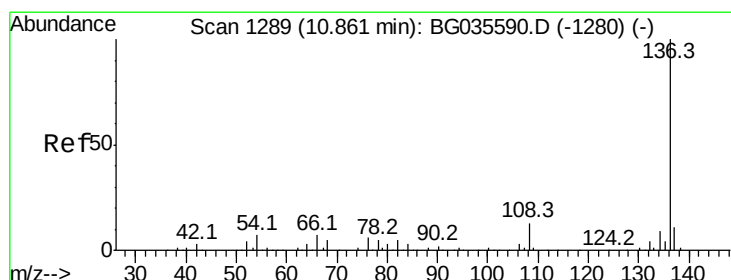
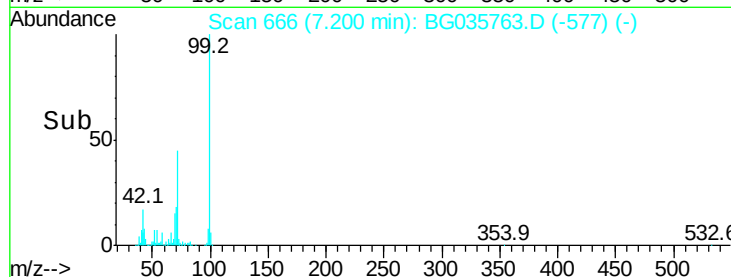
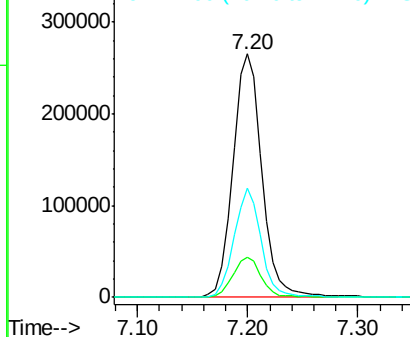
99 100

42 16.6 14.1 21.1

71 44.7 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: BG035763.D

Acq: 20 Jul 2018 00:01

Tgt Ion: 136 Resp: 166941

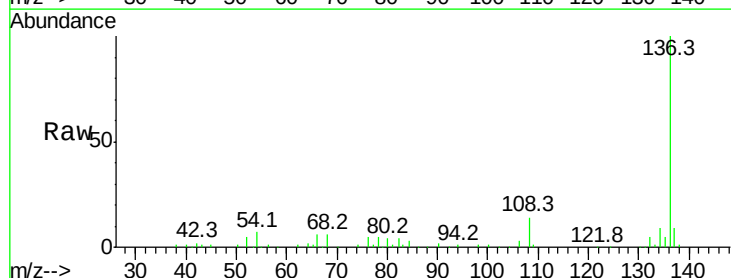
Ion Ratio Lower Upper

136 100

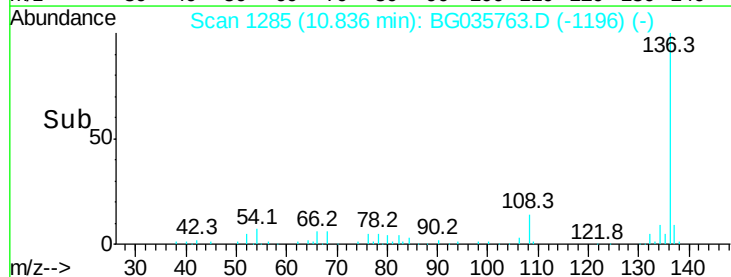
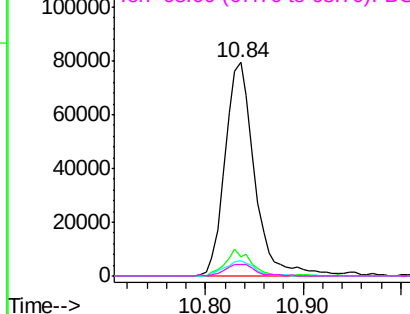
137 9.2 9.2 13.8

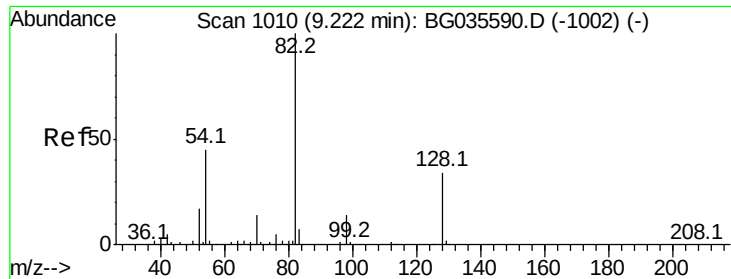
54 7.2 10.3 15.5#

68 5.5 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

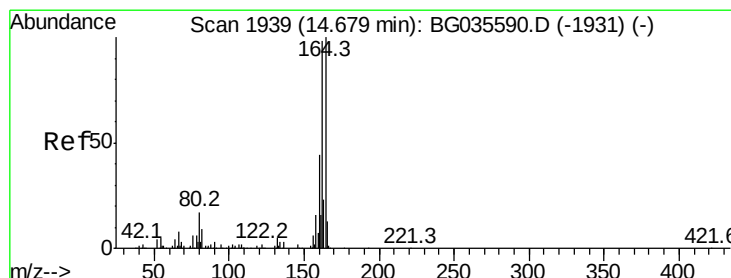
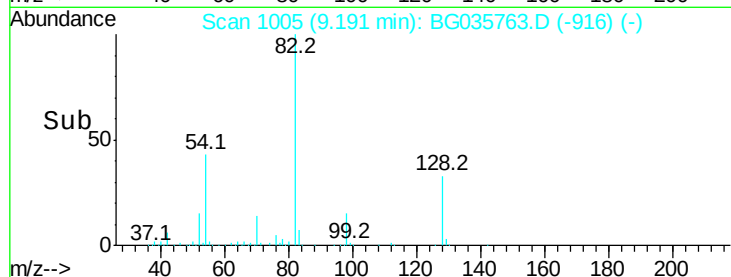
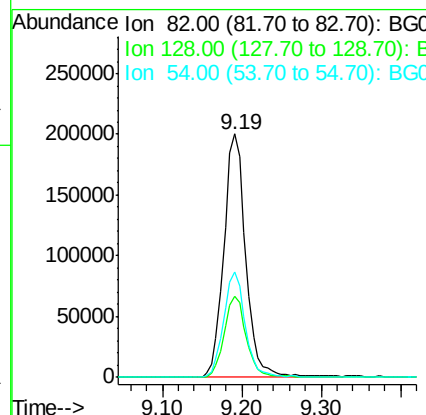
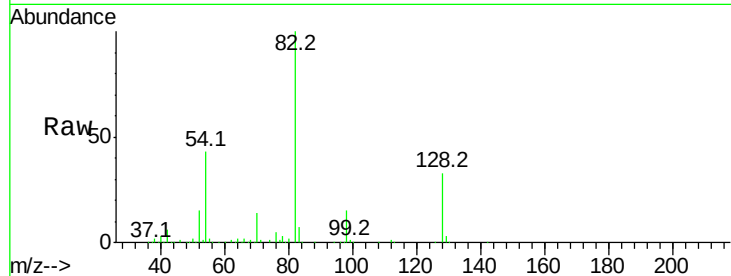




#23
 Nitrobenzene-d5
 Concen: 96.085 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

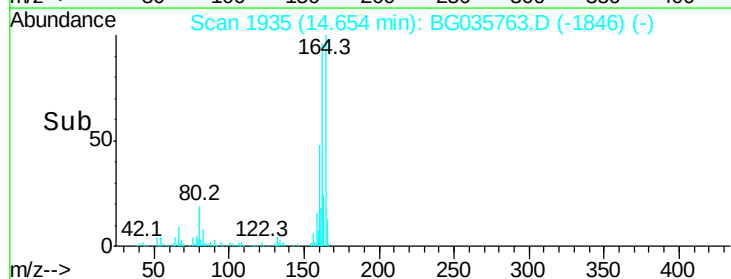
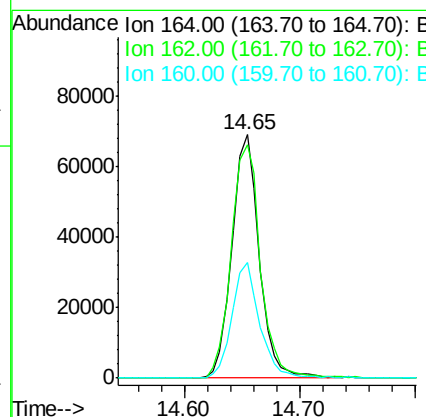
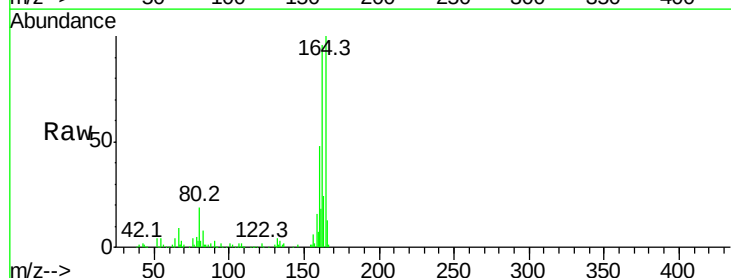
Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

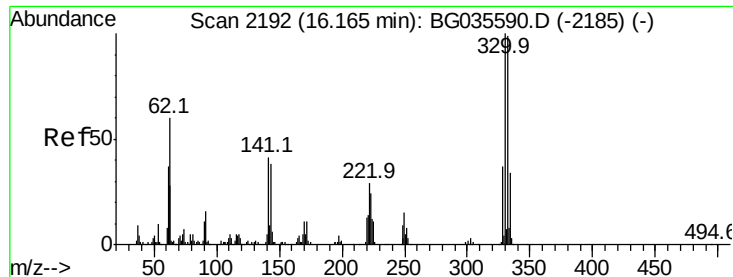
Tot Ion	82	Resp	383975
Ion Ratio	Lower	Upper	
82	100		
128	33.1	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Tgt Ion	164	Resp	113370
Ion Ratio	Lower	Upper	
164	100		
162	96.0	78.8	118.2
160	47.7	35.4	53.0

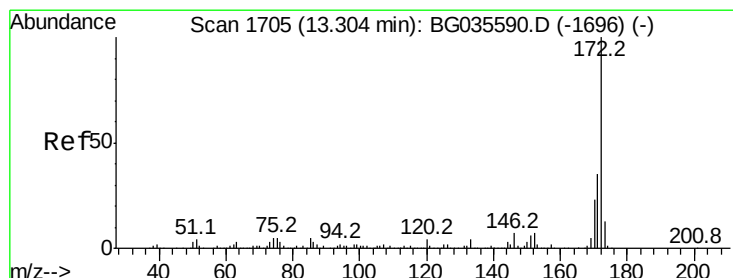
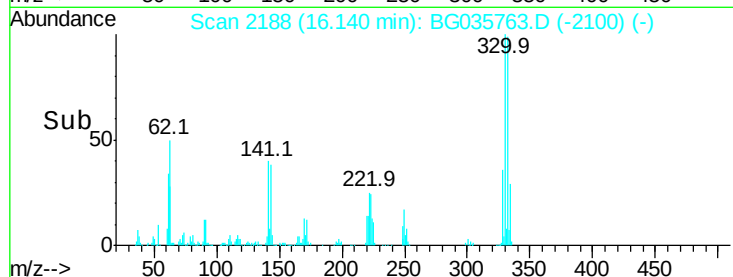
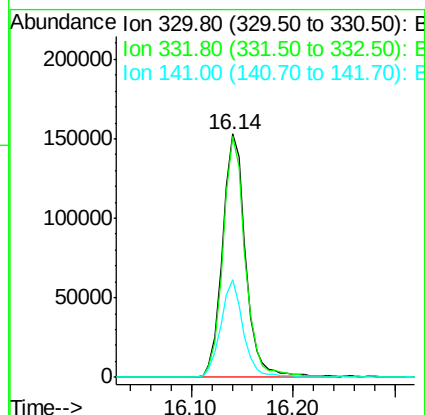
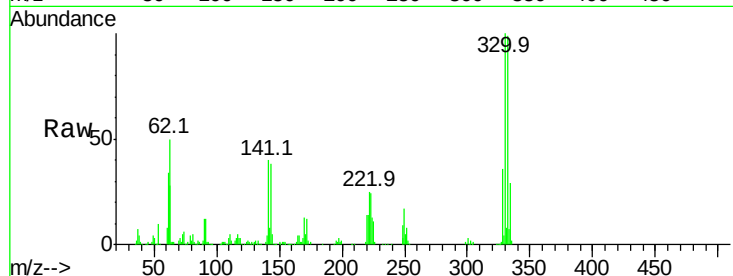




#41
 2,4,6-Tribromophenol
 Concen: 162.853 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

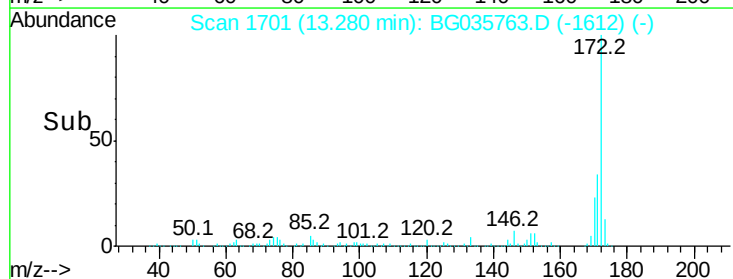
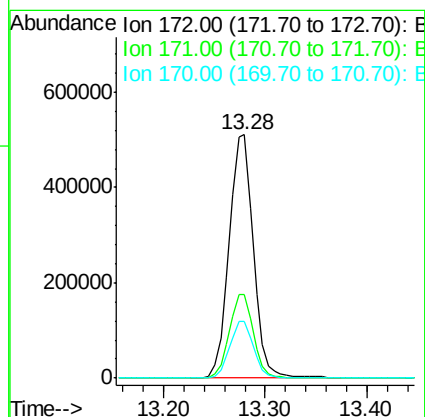
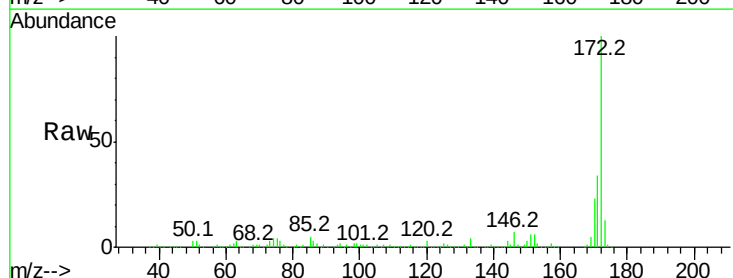
Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

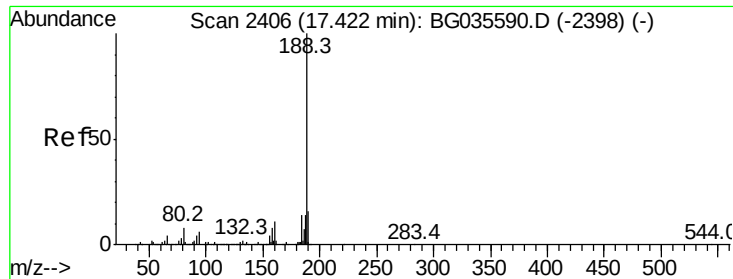
Tot Ion	330	332	141
Ion	100	95.4	39.0
Ratio			
Lower		77.0	25.2
Upper		115.6	37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.127 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Tgt Ion	172	171	170
Ion	100	34.4	23.2
Ratio			
Lower		30.0	19.5
Upper		45.0	29.3

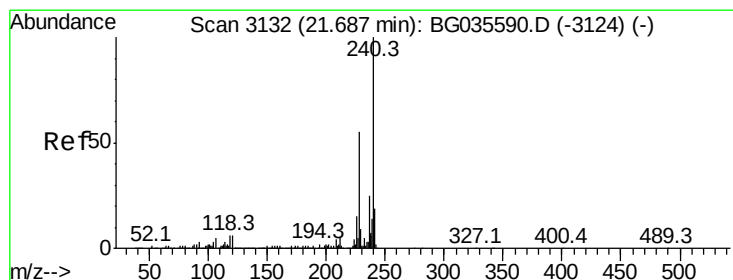
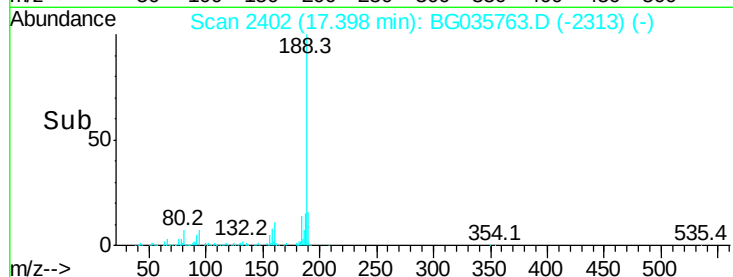
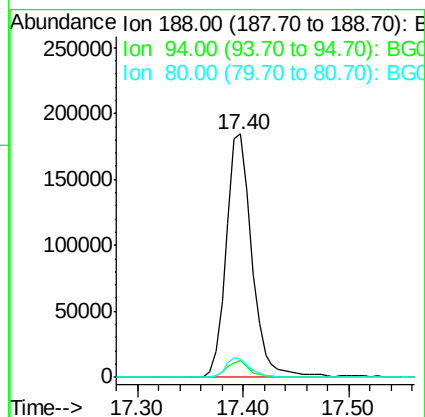
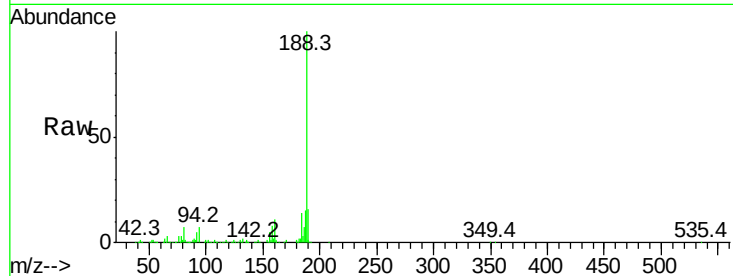




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

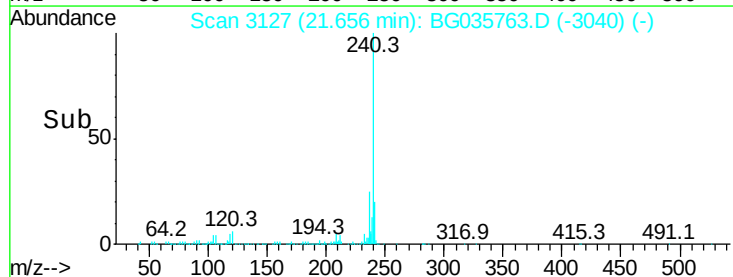
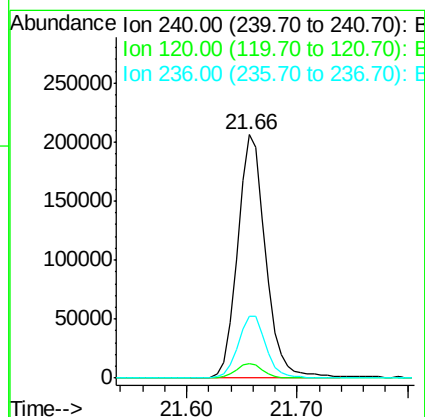
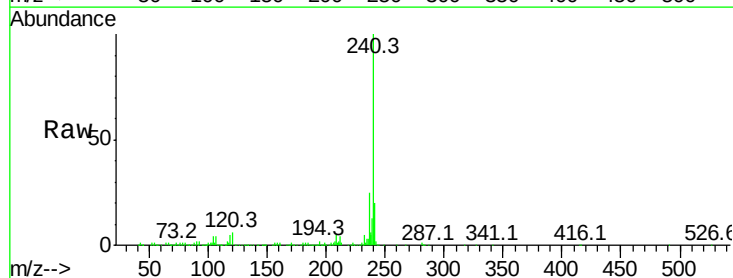
Instrument :
BNA_G
ClientSampleId :
SB7-12-7

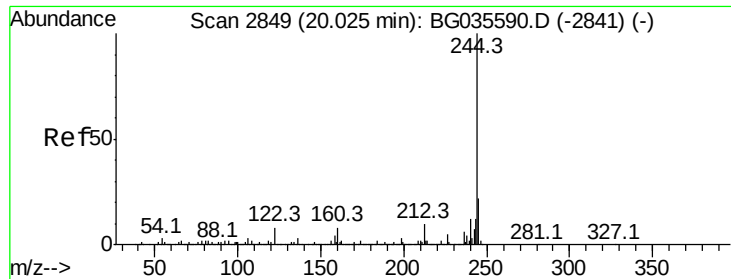
Tot Ion:188 Resp: 311159
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035763.D
Acq: 20 Jul 2018 00:01

Tgt Ion:240 Resp: 367973
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.5 20.9 31.3

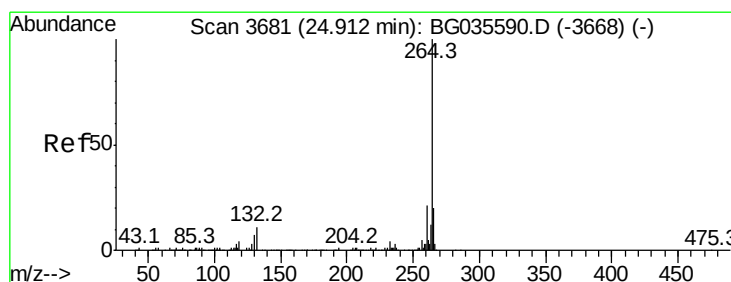
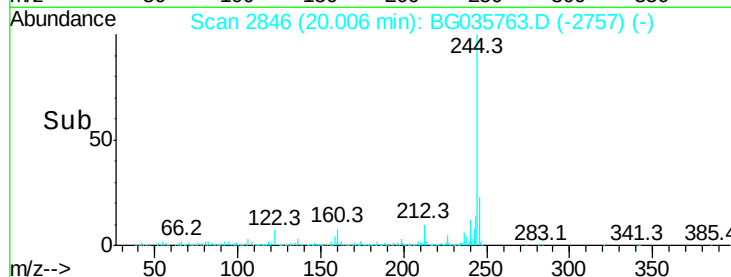
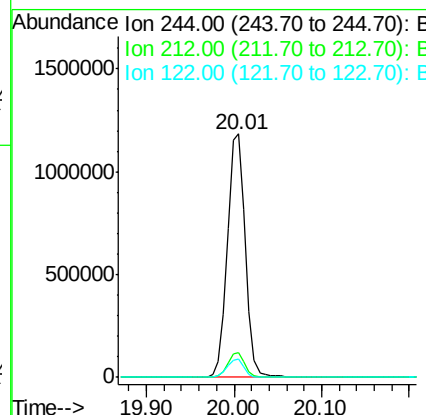
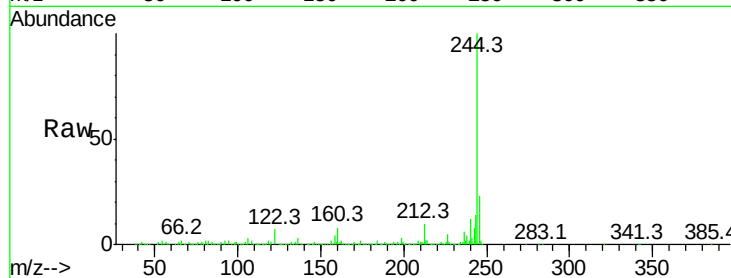




#78
 Terphenyl-d14
 Concen: 100.827 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 SB7-12-7

Tot Ion:244 Resp: 1683148
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.8#
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.02 min
 Lab File: BG035763.D
 Acq: 20 Jul 2018 00:01

Tgt Ion:264 Resp: 348750
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 22.2 17.7 26.5

