

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035756.D
 Acq On : 19 Jul 2018 19:29
 Operator : JU/SJ
 Sample : J3828-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071818-B

Quant Time: Jul 20 02:22:17 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	49263	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	160667	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109476	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	307150	20.00	ng	0.00
75) Chrysene-d12	21.66	240	370430	20.00	ng	-0.02
86) Perylene-d12	24.86	264	343355	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362892	122.30	ng	0.00
7) Phenol-d6	7.20	99	455920	102.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	363086	94.41	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	240611	166.75	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	827871	101.31	ng	-0.01
78) Terphenyl-d14	20.01	244	1677865	99.84	ng	0.00

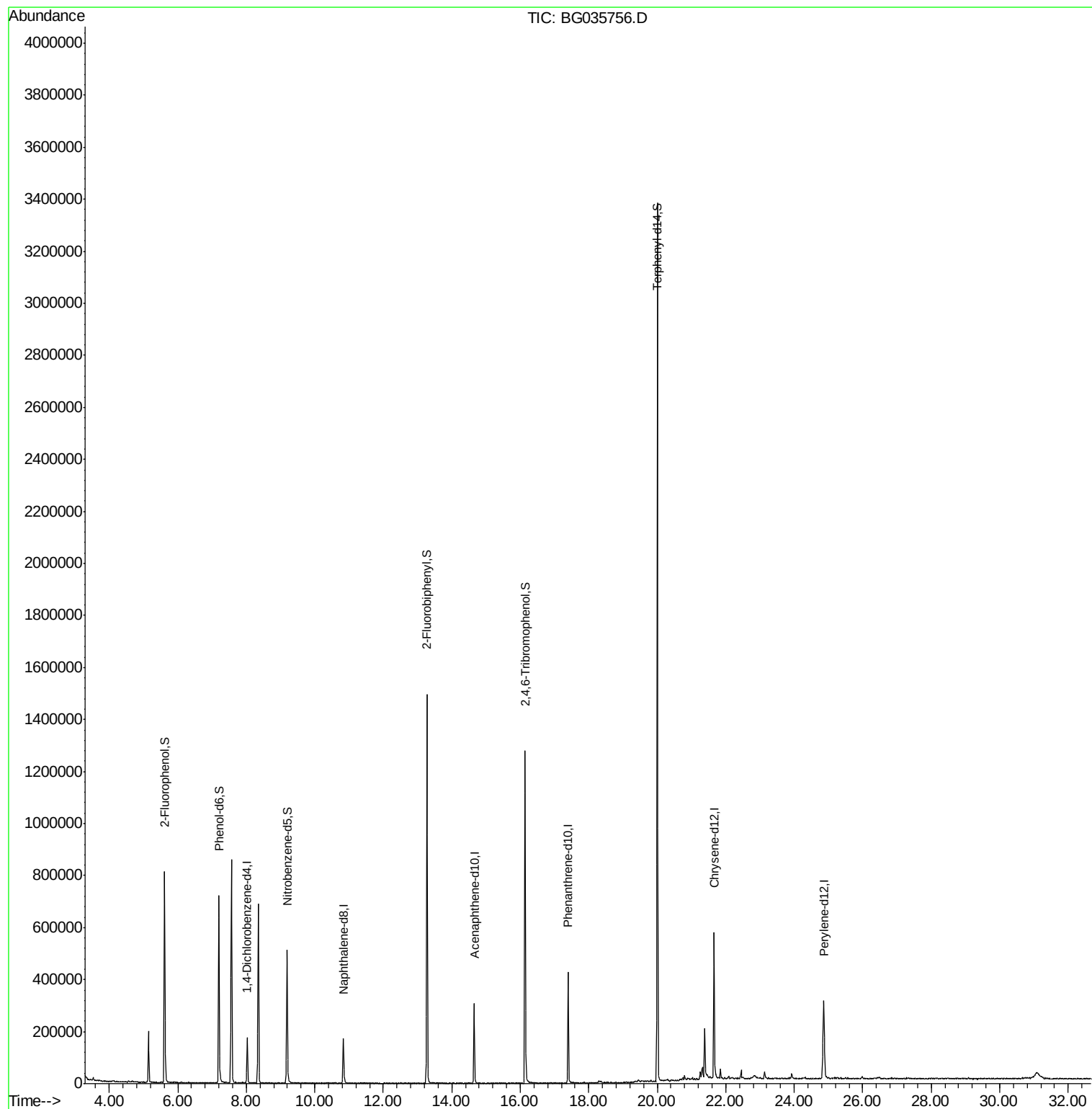
Target Compounds Qvalue

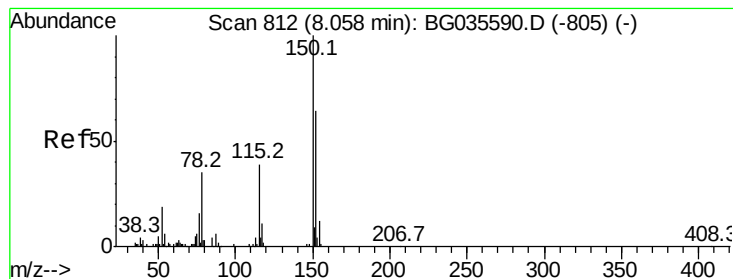
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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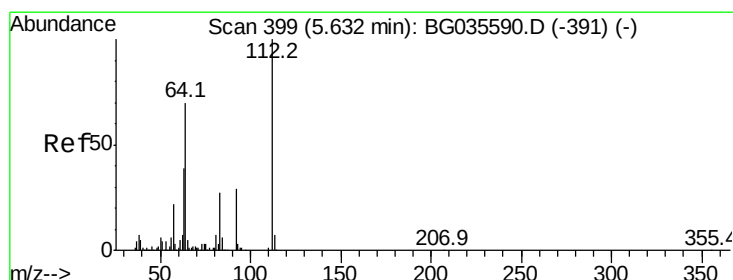
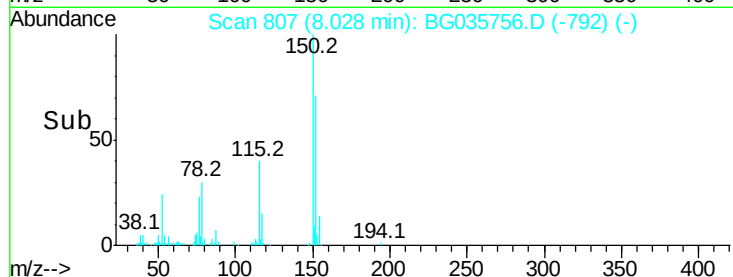
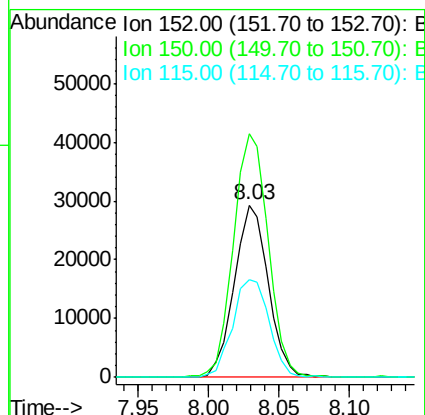
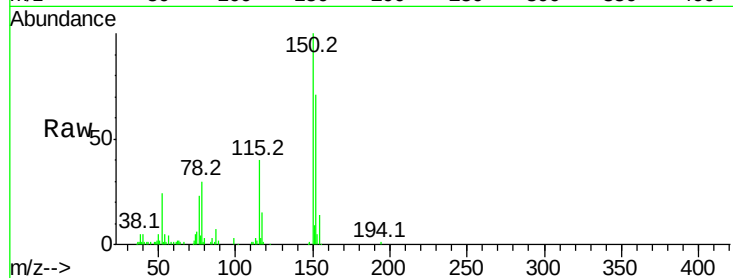


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Instrument :
BNA_G
ClientSampleId :
EO-02-071818-B

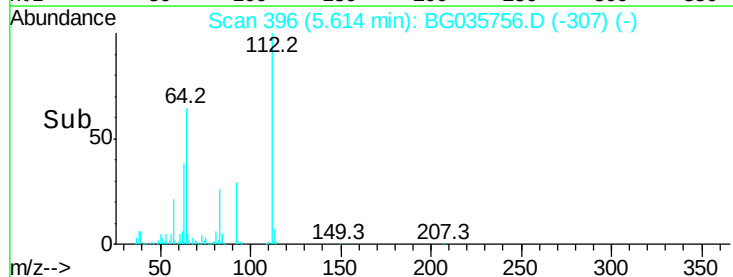
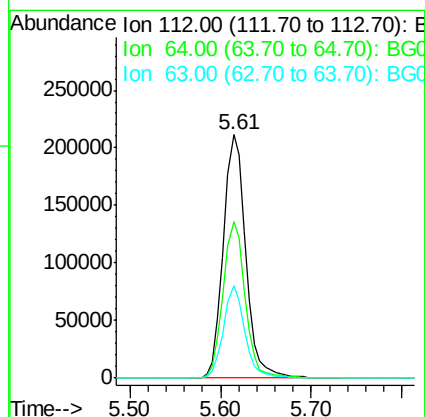
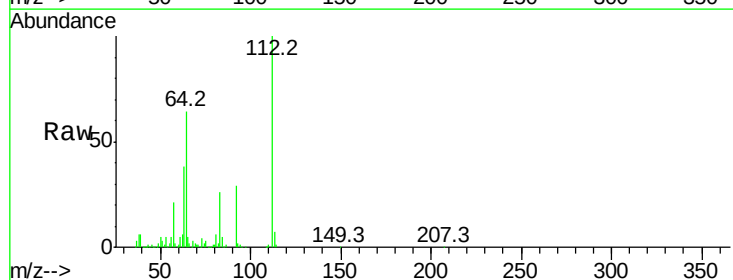
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	56.7	53.0	79.4

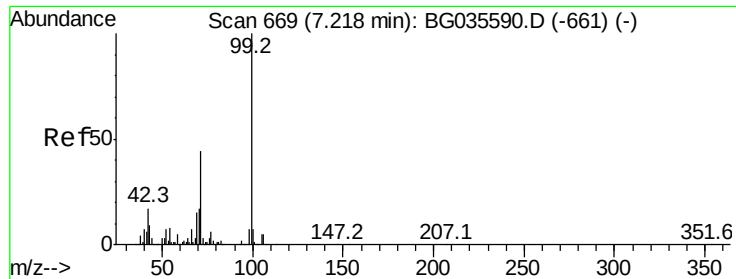


#5

2-Fluorophenol
Concen: 122.300 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	38.3	30.1	45.1





#7

Phenol-d6

Concen: 102.985 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-B

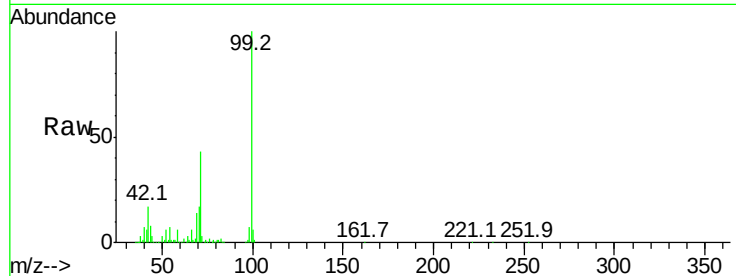
Tot Ion: 99 Resp: 455920

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

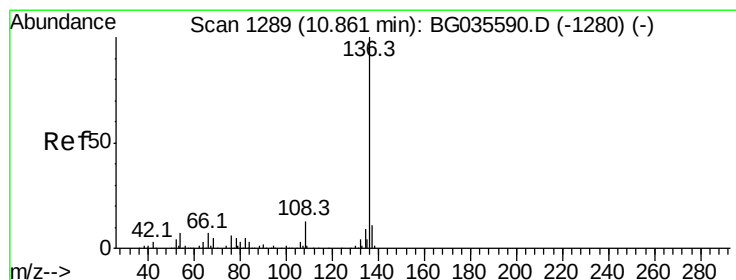
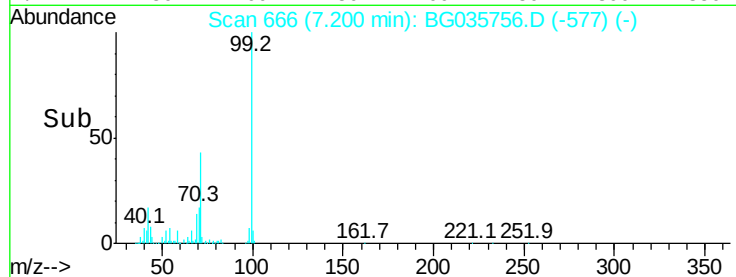
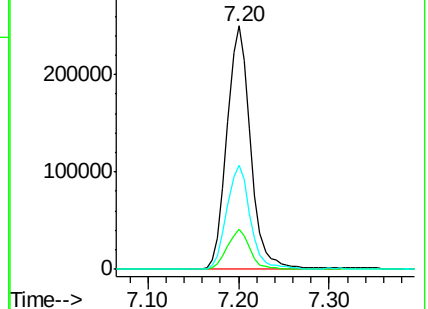
71 42.8 26.1 39.1#



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: BG035756.D

Acq: 19 Jul 2018 19:29

Tgt Ion: 136 Resp: 160667

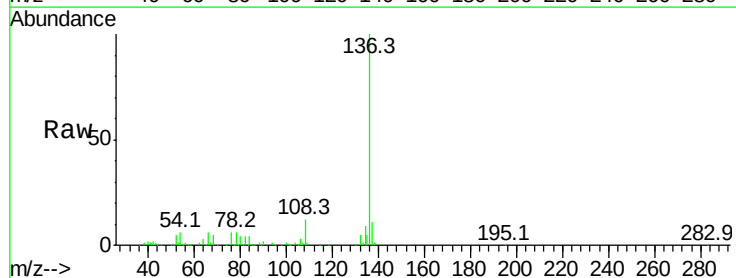
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 5.5 10.3 15.5#

68 5.0 4.5 6.7

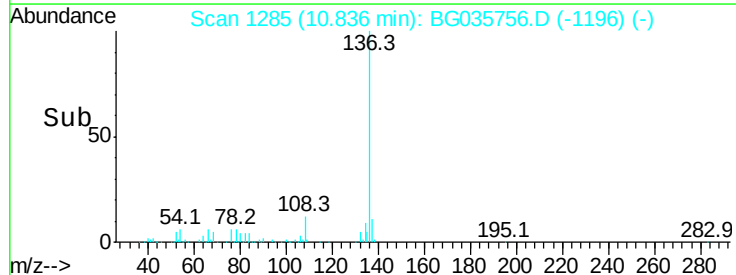
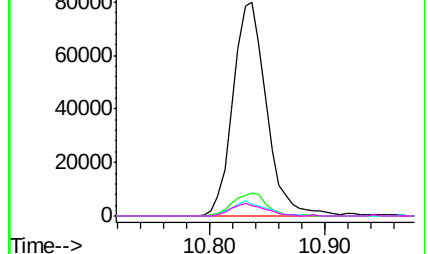


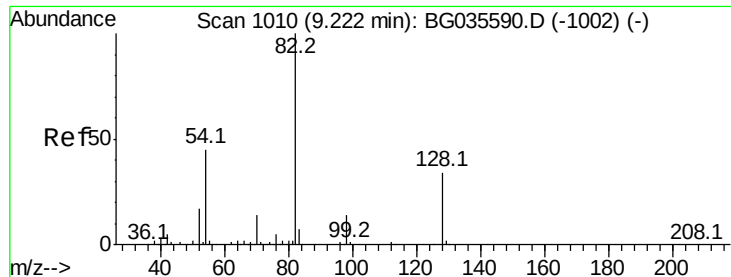
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

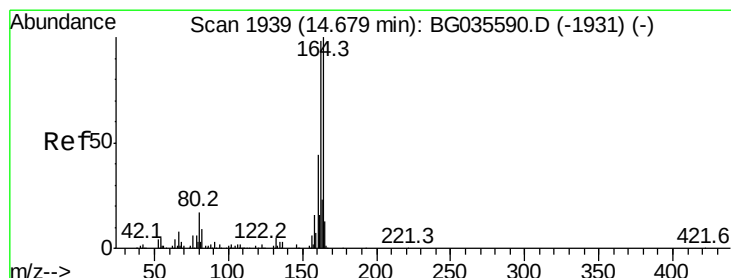
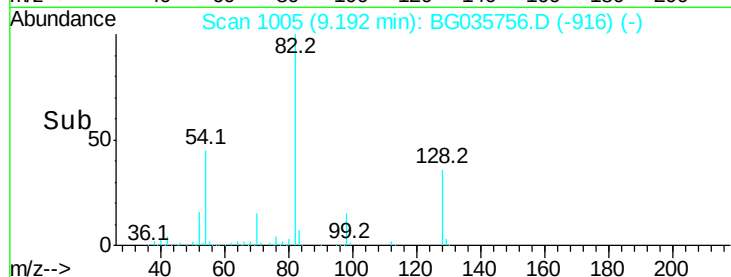
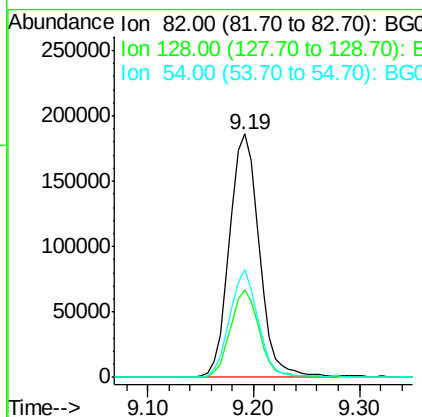
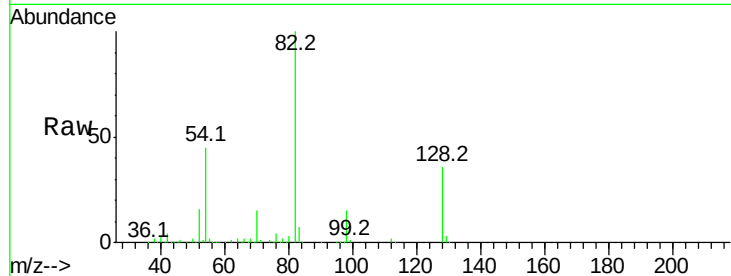




#23
 Nitrobenzene-d5
 Concen: 94.405 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

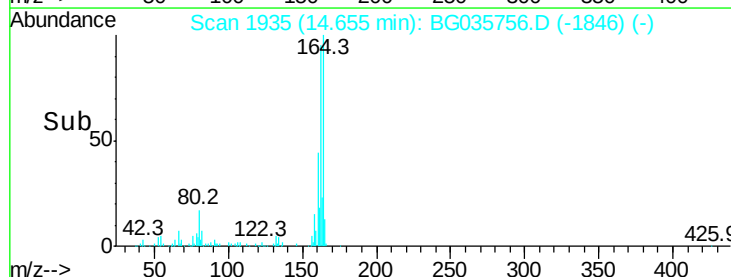
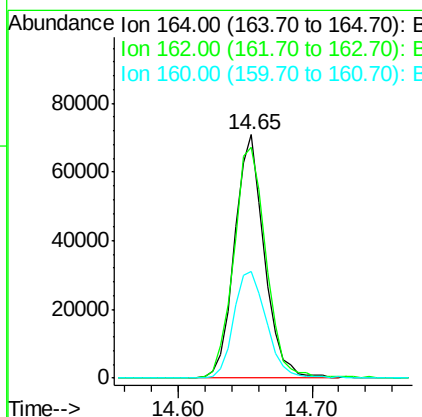
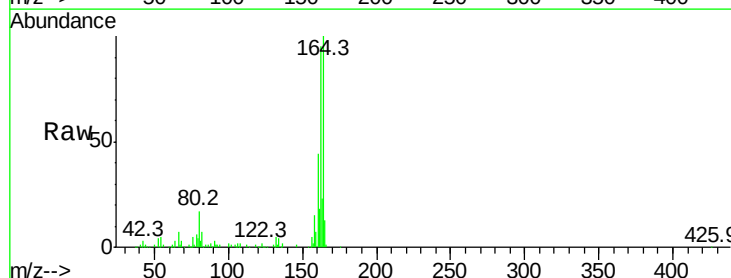
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071818-B

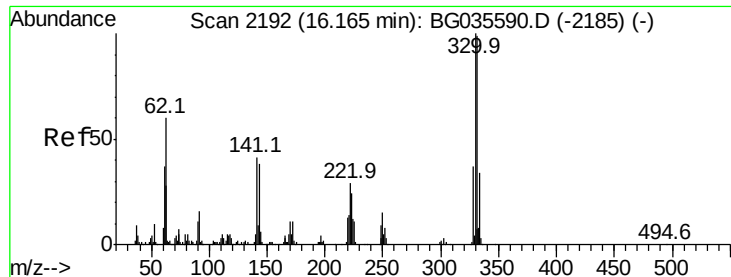
Tot Ion	82	Resp	363086
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	44.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

Tgt Ion	164	Resp	109476
Ion Ratio	Lower	Upper	
164	100		
162	94.8	78.8	118.2
160	44.1	35.4	53.0

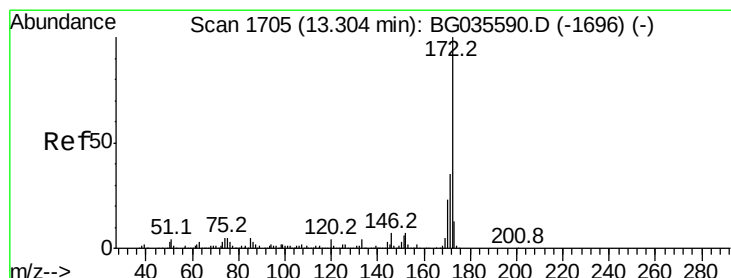
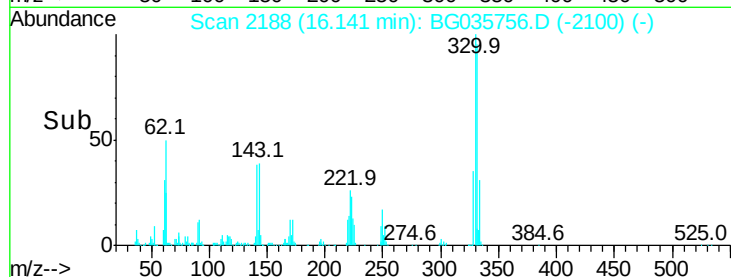
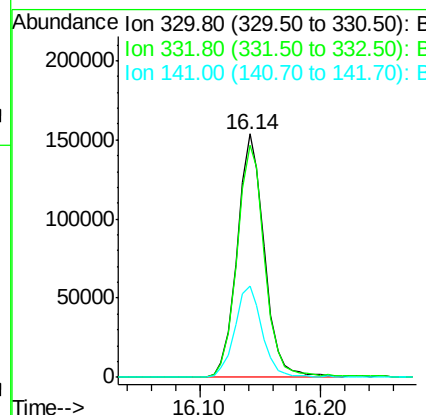
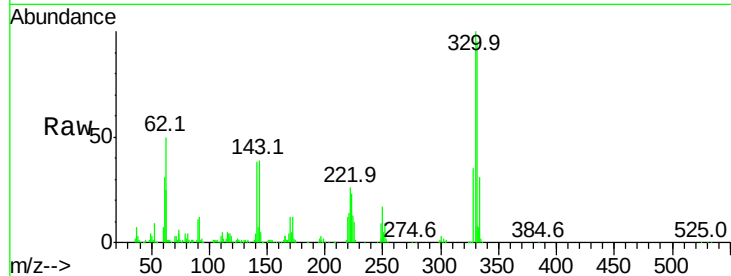




#41
 2,4,6-Tribromophenol
 Concen: 166.748 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

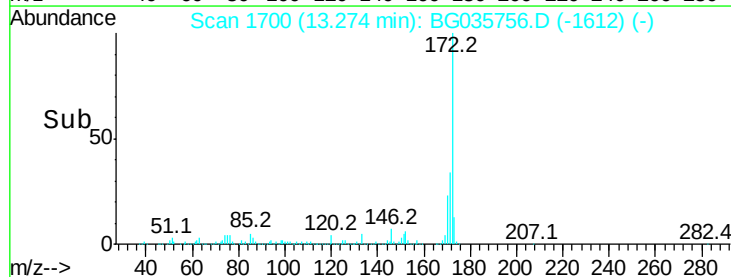
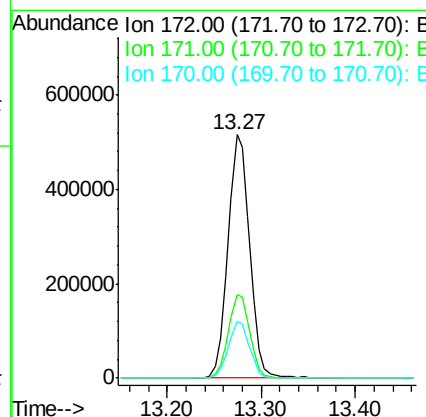
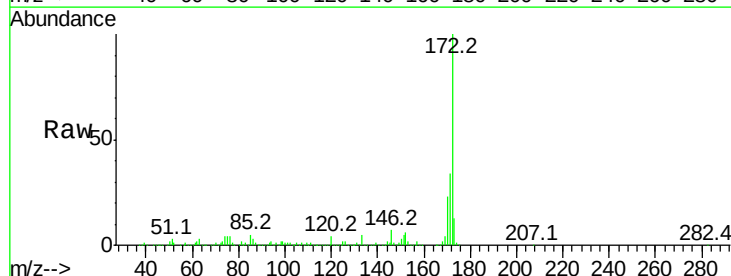
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071818-B

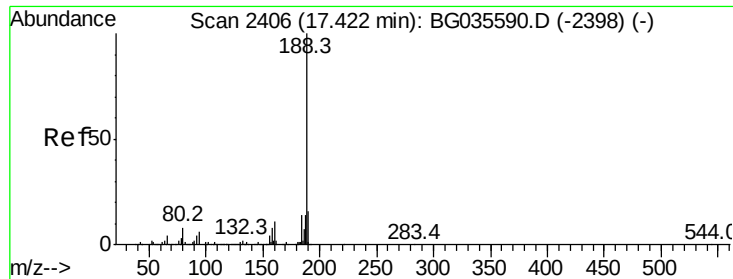
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.313 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035756.D
 Acq: 19 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.1	19.5	29.3

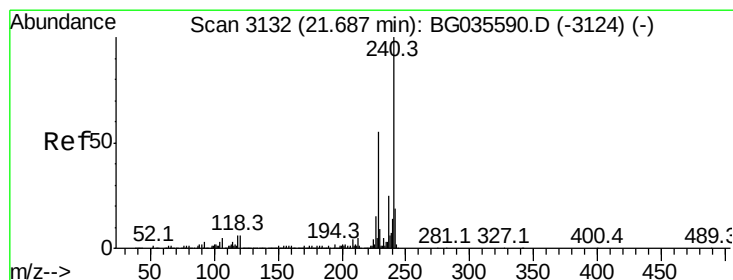
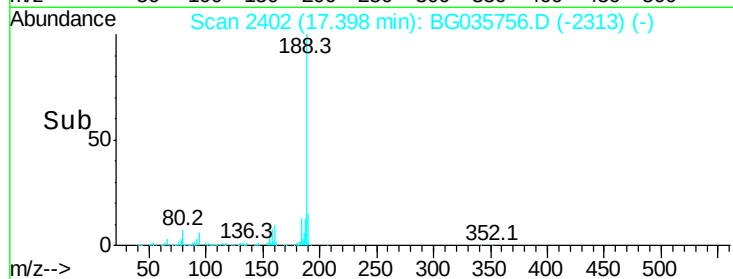
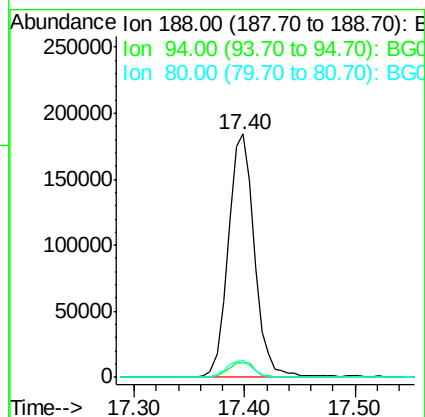
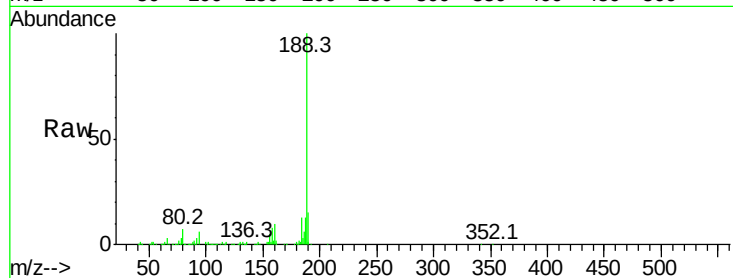




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

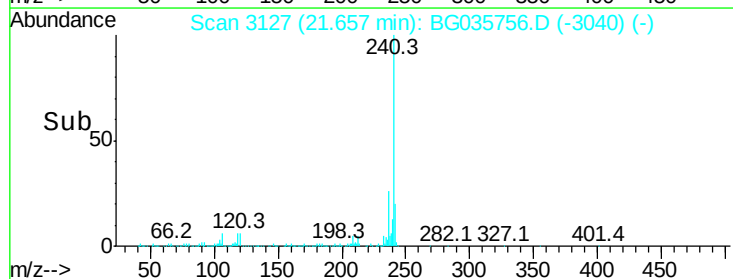
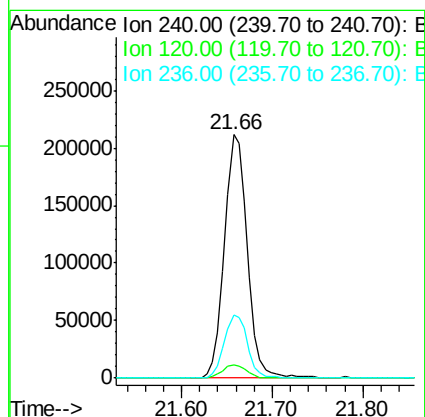
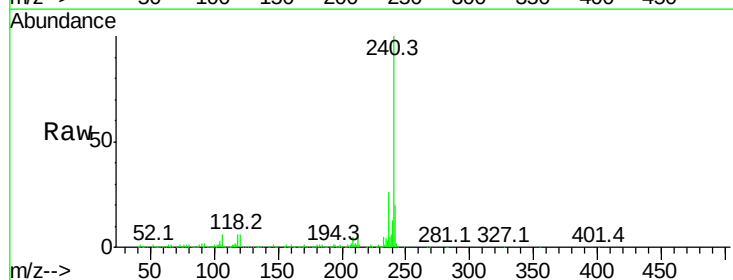
Instrument :
BNA_G
ClientSampleId :
EO-02-071818-B

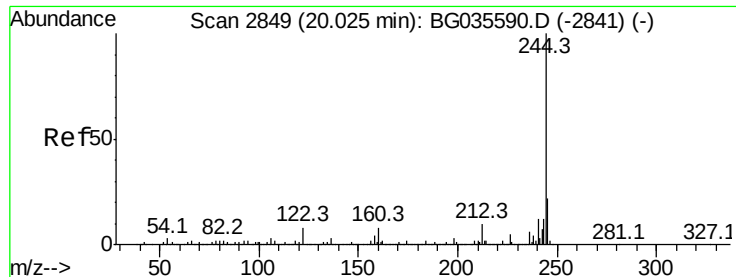
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.8	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035756.D
Acq: 19 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.7	20.9	31.3





#78

Terphenyl-d14

Concen: 99.844 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035756.D

Acq: 19 Jul 2018 19:29

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-B

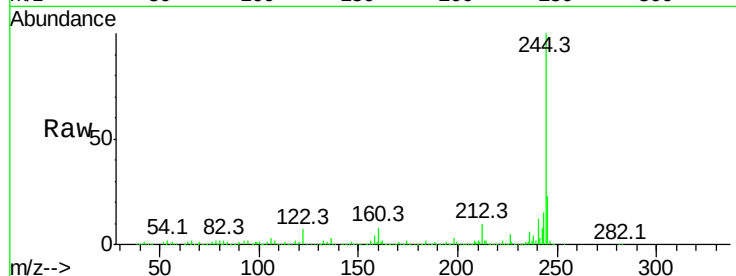
Tot Ion:244 Resp: 1677865

Ion Ratio Lower Upper

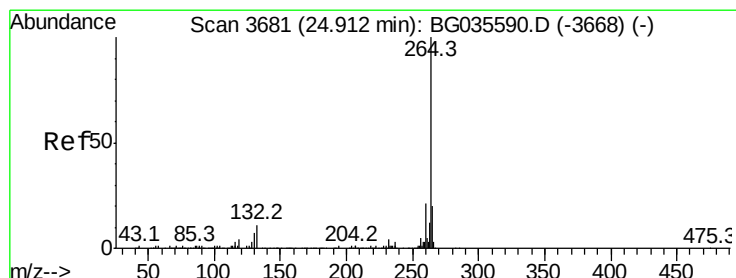
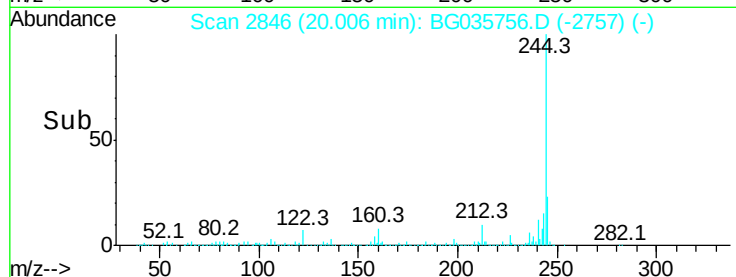
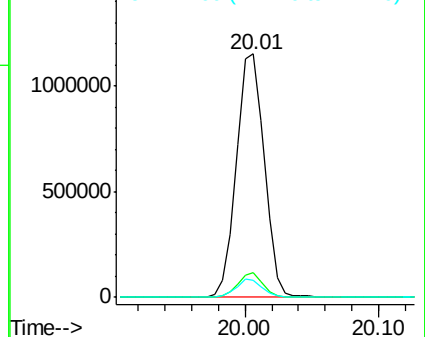
244 100

212 10.1 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: BG035756.D

Acq: 19 Jul 2018 19:29

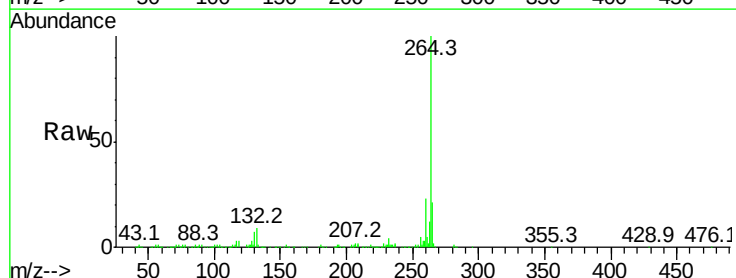
Tgt Ion:264 Resp: 343355

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.6 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

