

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035758.D
 Acq On : 19 Jul 2018 20:47
 Operator : JU/SJ
 Sample : J3828-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 20 02:26:17 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	49785	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	166918	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	110212	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	312618	20.00	ng	0.00
75) Chrysene-d12	21.66	240	377814	20.00	ng	-0.02
86) Perylene-d12	24.86	264	358588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	384450	128.21	ng	0.00
7) Phenol-d6	7.20	99	472077	105.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	389290	97.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	253968	174.83	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	870026	105.76	ng	-0.01
78) Terphenyl-d14	20.01	244	1759224	102.64	ng	0.00

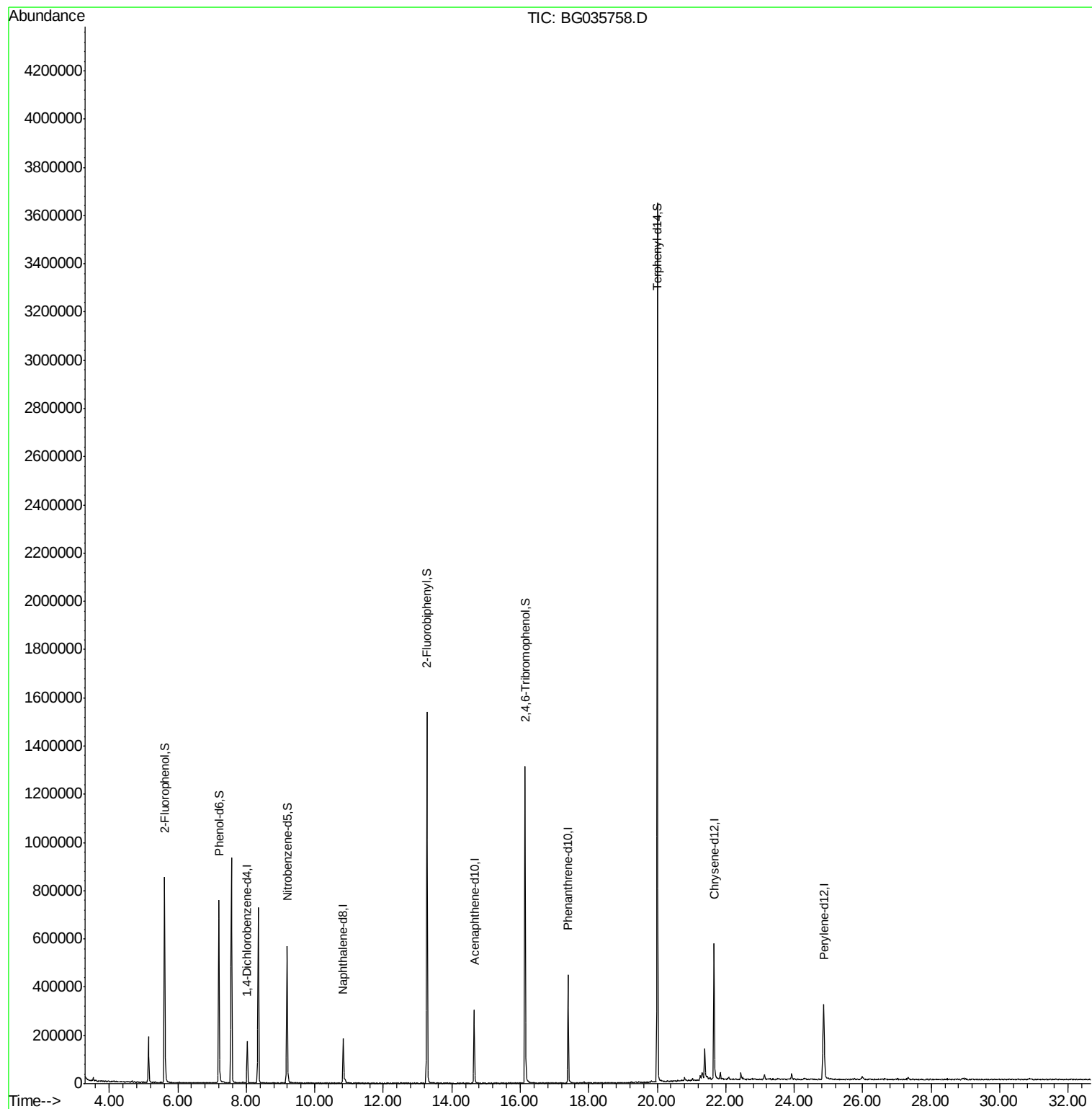
Target Compounds Qvalue

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

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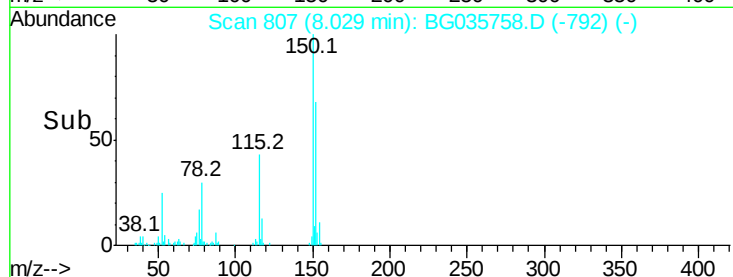
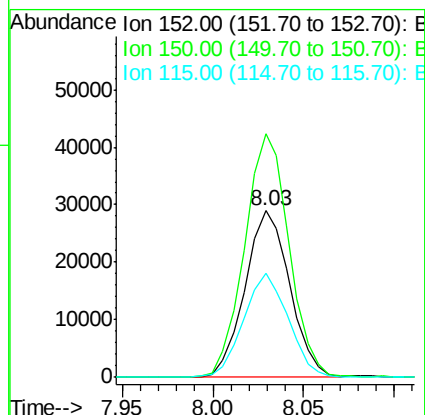
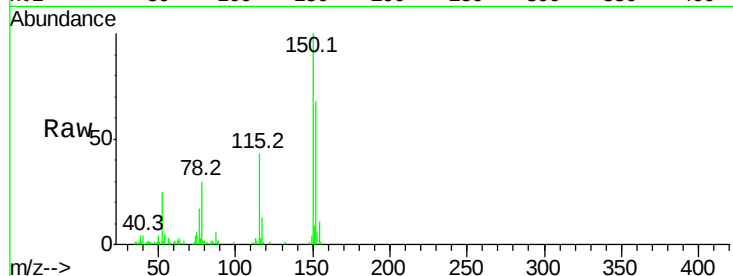


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

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

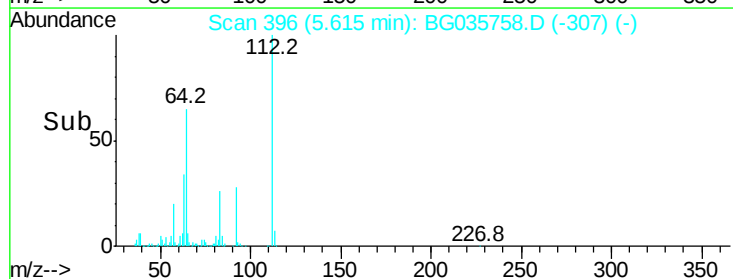
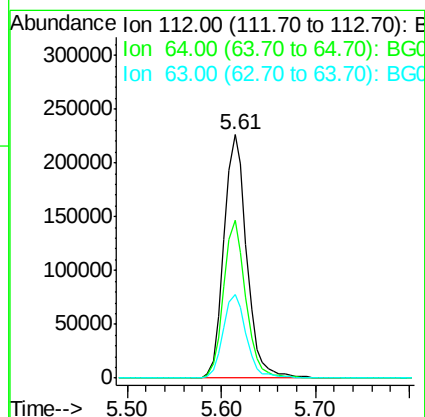
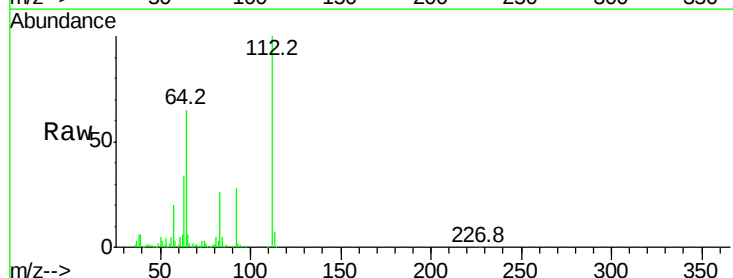
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	62.9	53.0	79.4

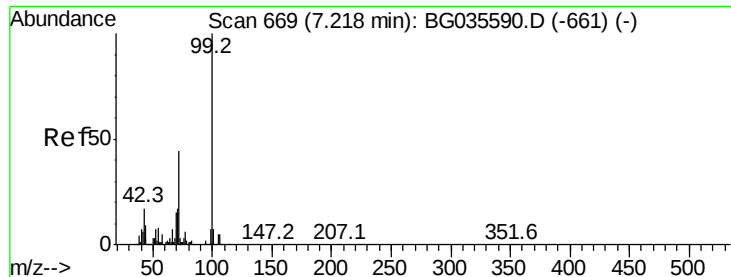


#5

2-Fluorophenol
 Concen: 128.207 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.3	84.5
63	34.5	30.1	45.1





#7

Phenol-d6

Concen: 105.516 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-C

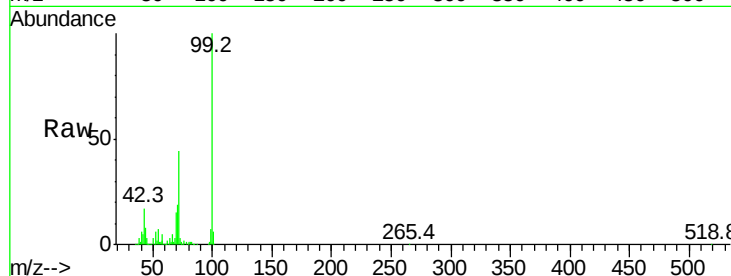
Tot Ion: 99 Resp: 472077

Ion Ratio Lower Upper

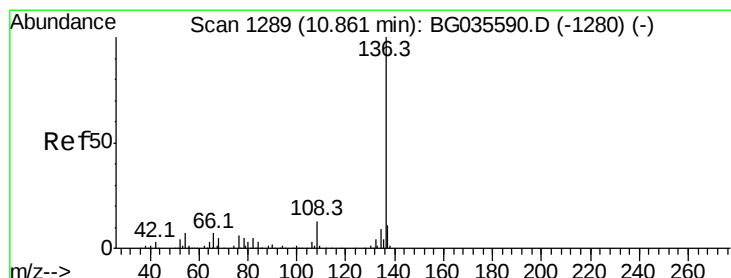
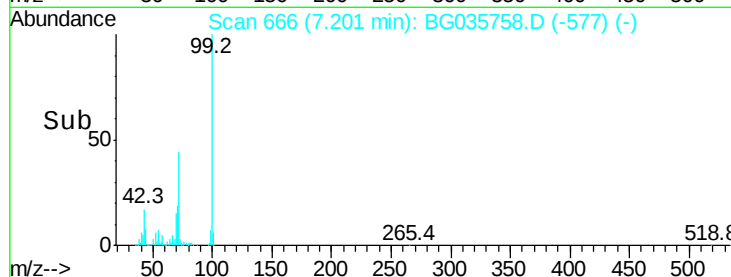
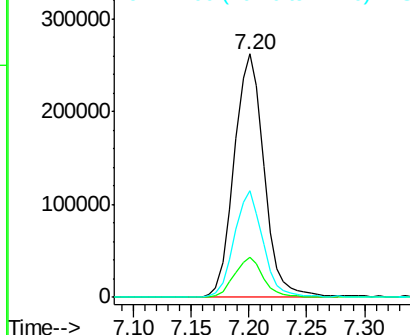
99 100

42 16.6 14.1 21.1

71 44.1 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: BG035758.D

Acq: 19 Jul 2018 20:47

Tgt Ion: 136 Resp: 166918

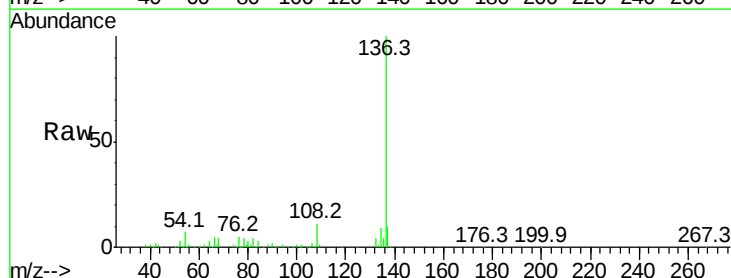
Ion Ratio Lower Upper

136 100

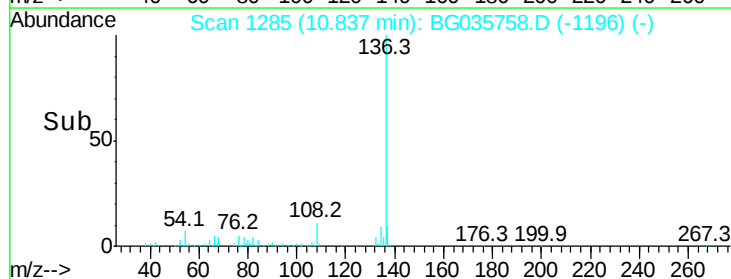
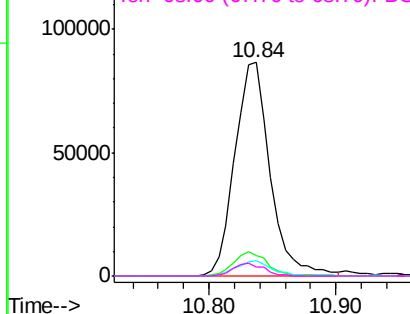
137 9.6 9.2 13.8

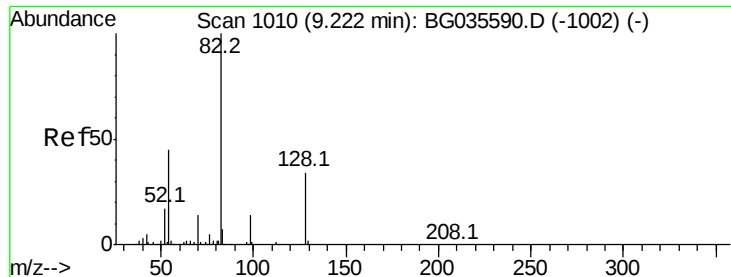
54 7.2 10.3 15.5#

68 4.4 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

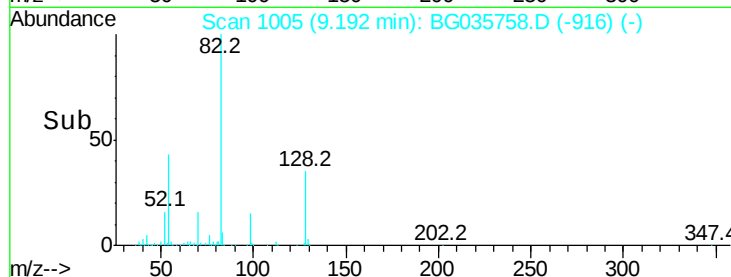
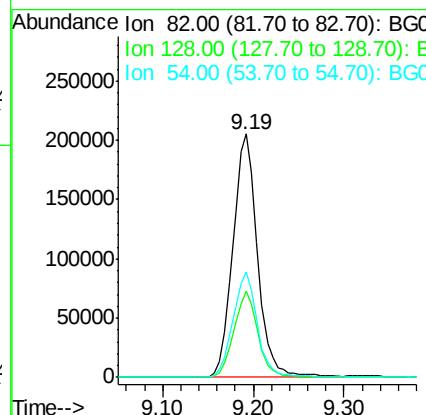
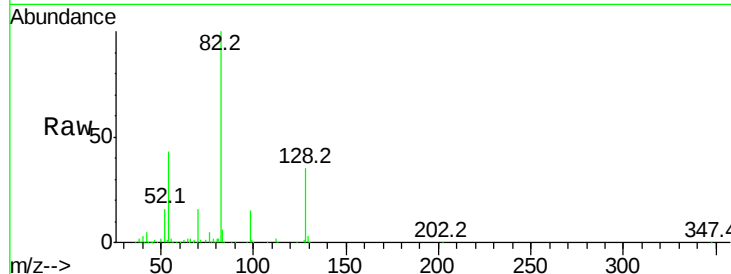




#23
Nitrobenzene-d5
Concen: 97.428 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

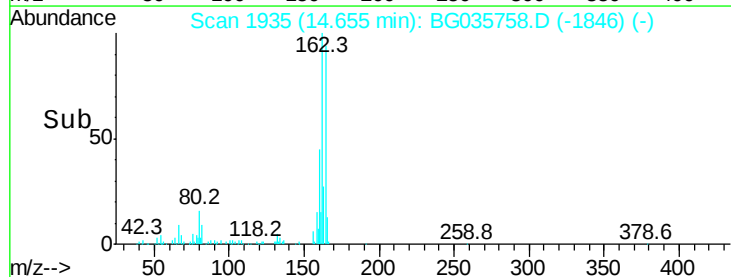
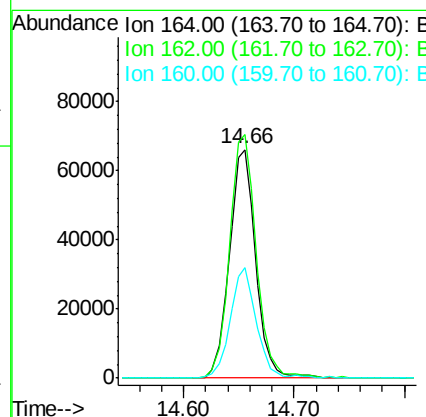
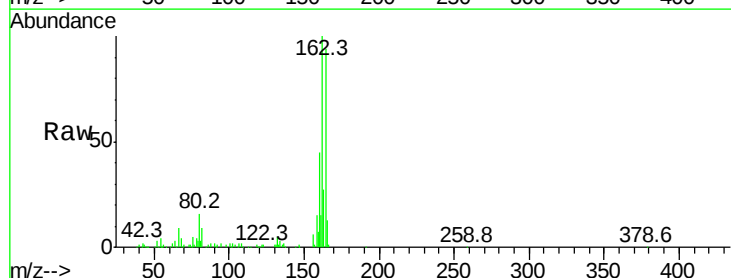
Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

Tot Ion	82	Resp	389290
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	43.0	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion	164	Resp	110212
Ion Ratio	Lower	Upper	
164	100		
162	106.7	78.8	118.2
160	48.3	35.4	53.0

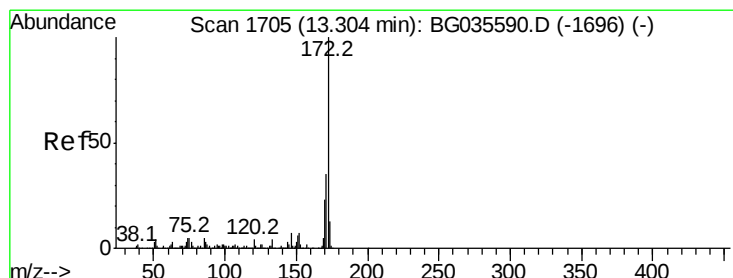
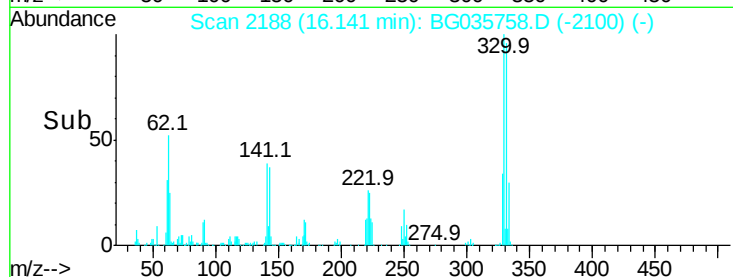
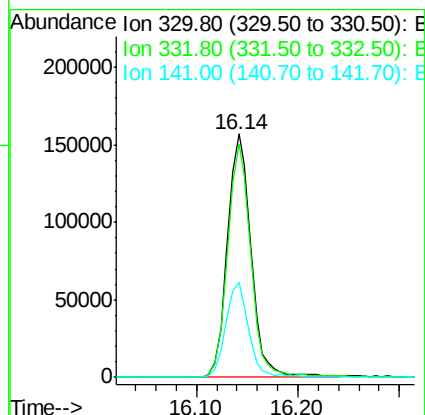
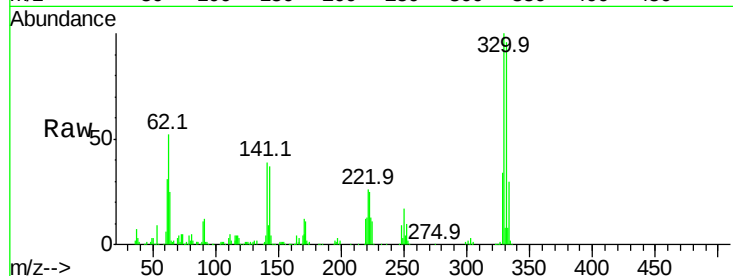




#41
 2,4,6-Tribromophenol
 Concen: 174.829 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

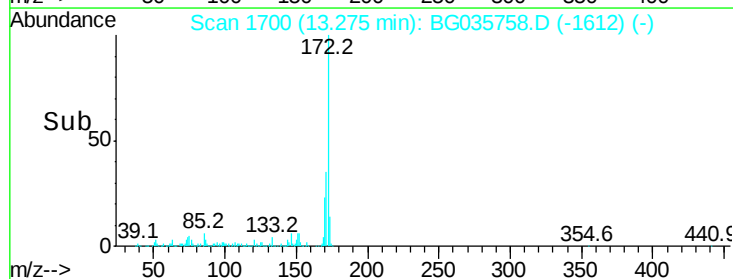
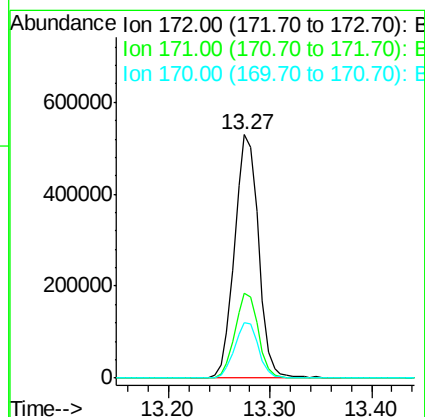
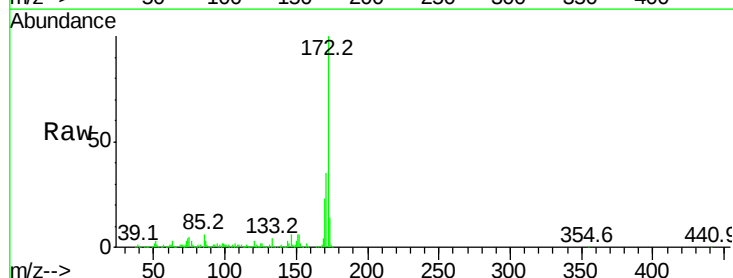
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071818-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	37.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.761 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035758.D
 Acq: 19 Jul 2018 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.6	19.5	29.3

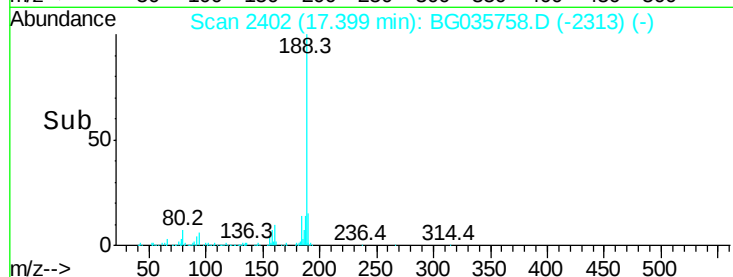
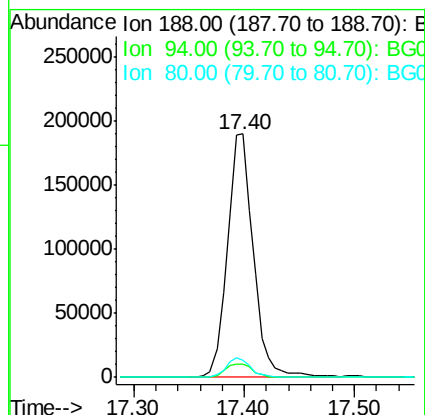
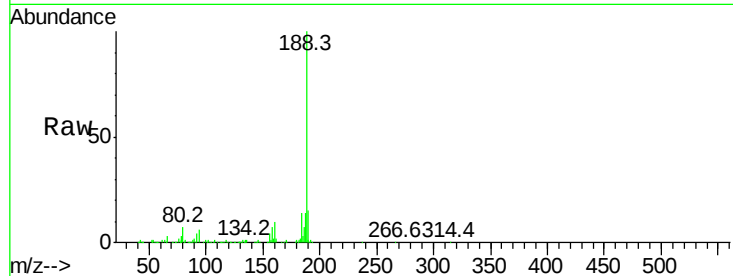




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

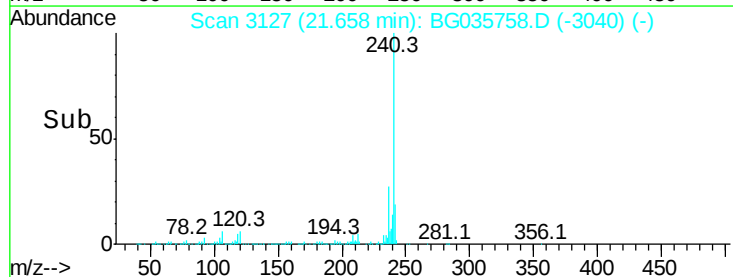
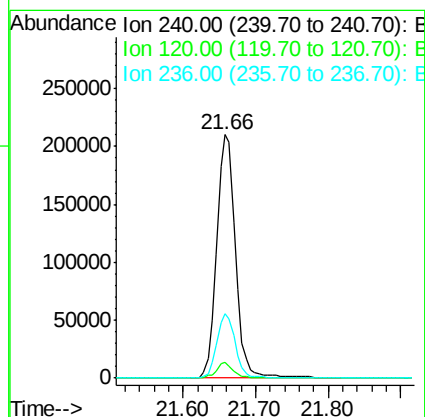
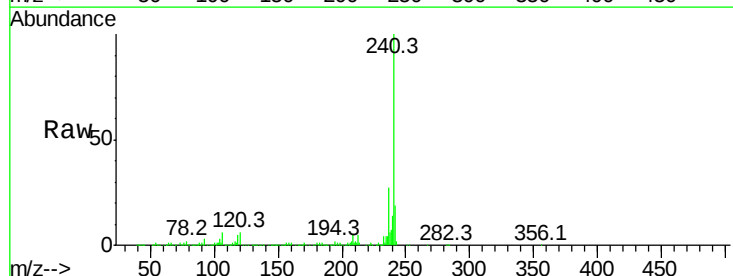
Instrument :
BNA_G
ClientSampleId :
EO-02-071818-C

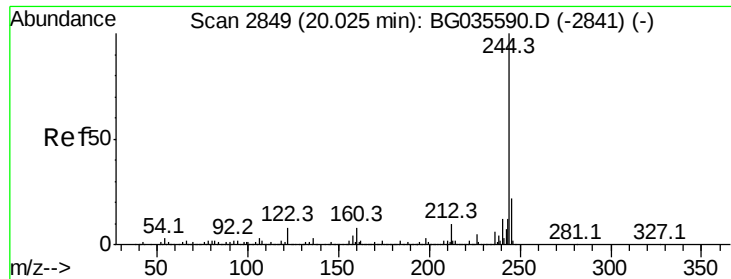
Tot Ion:188 Resp: 312618
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035758.D
Acq: 19 Jul 2018 20:47

Tgt Ion:240 Resp: 377814
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 102.639 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG035758.D

Acq: 19 Jul 2018 20:47

Instrument :

BNA_G

ClientSampleId :

EO-02-071818-C

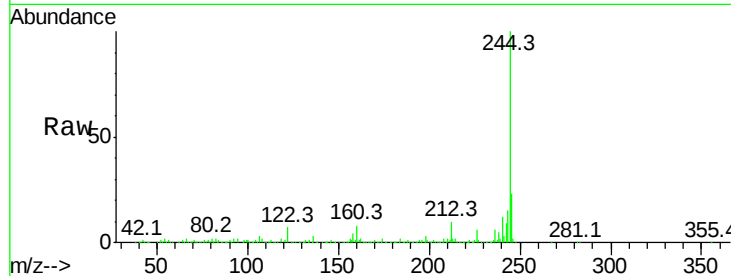
Tot Ion:244 Resp: 1759224

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

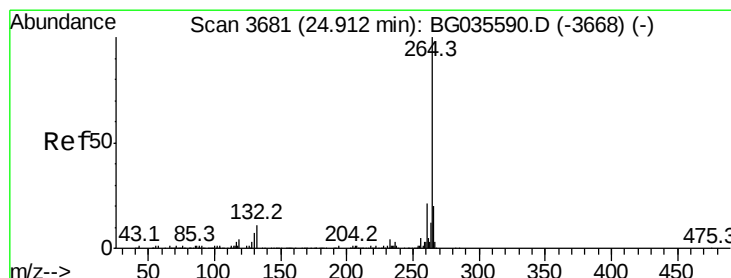
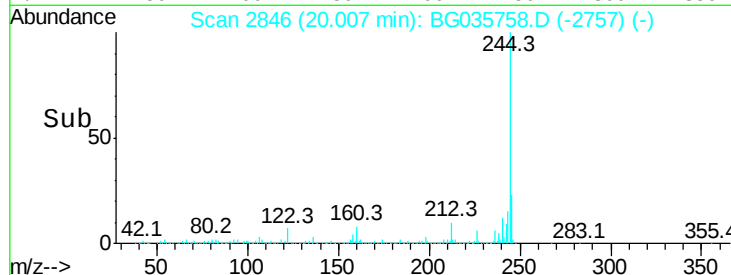
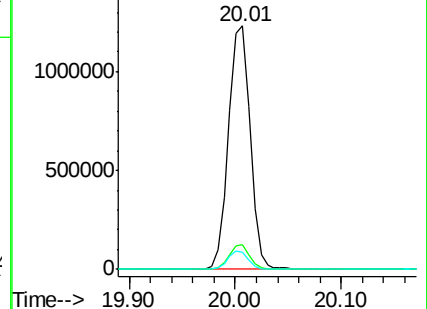
122 7.1 7.0 10.4



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: BG035758.D

Acq: 19 Jul 2018 20:47

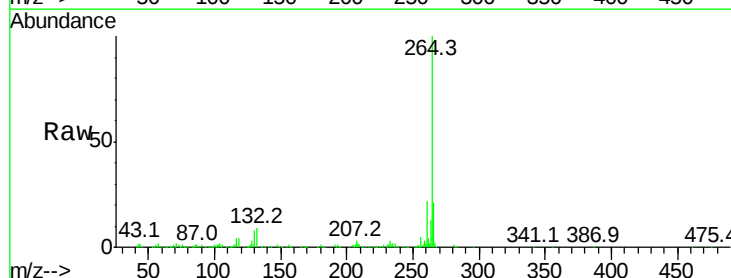
Tgt Ion:264 Resp: 358588

Ion Ratio Lower Upper

264 100

260 21.7 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

