

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036138.D
 Acq On : 6 Aug 2018 22:03
 Operator : JU/SJ
 Sample : J4323-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 07 01:28:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27880	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	98908	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67136	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	205646	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	248979	20.00	ng	-0.02
86) Perylene-d12	24.83	264	224833	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	229181	136.48	ng	-0.01
7) Phenol-d6	7.18	99	278716	111.24	ng	-0.02
23) Nitrobenzene-d5	9.17	82	234006	98.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	176818	199.82	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	541756	108.11	ng	-0.02
78) Terphenyl-d14	19.99	244	1248752	110.56	ng	-0.02

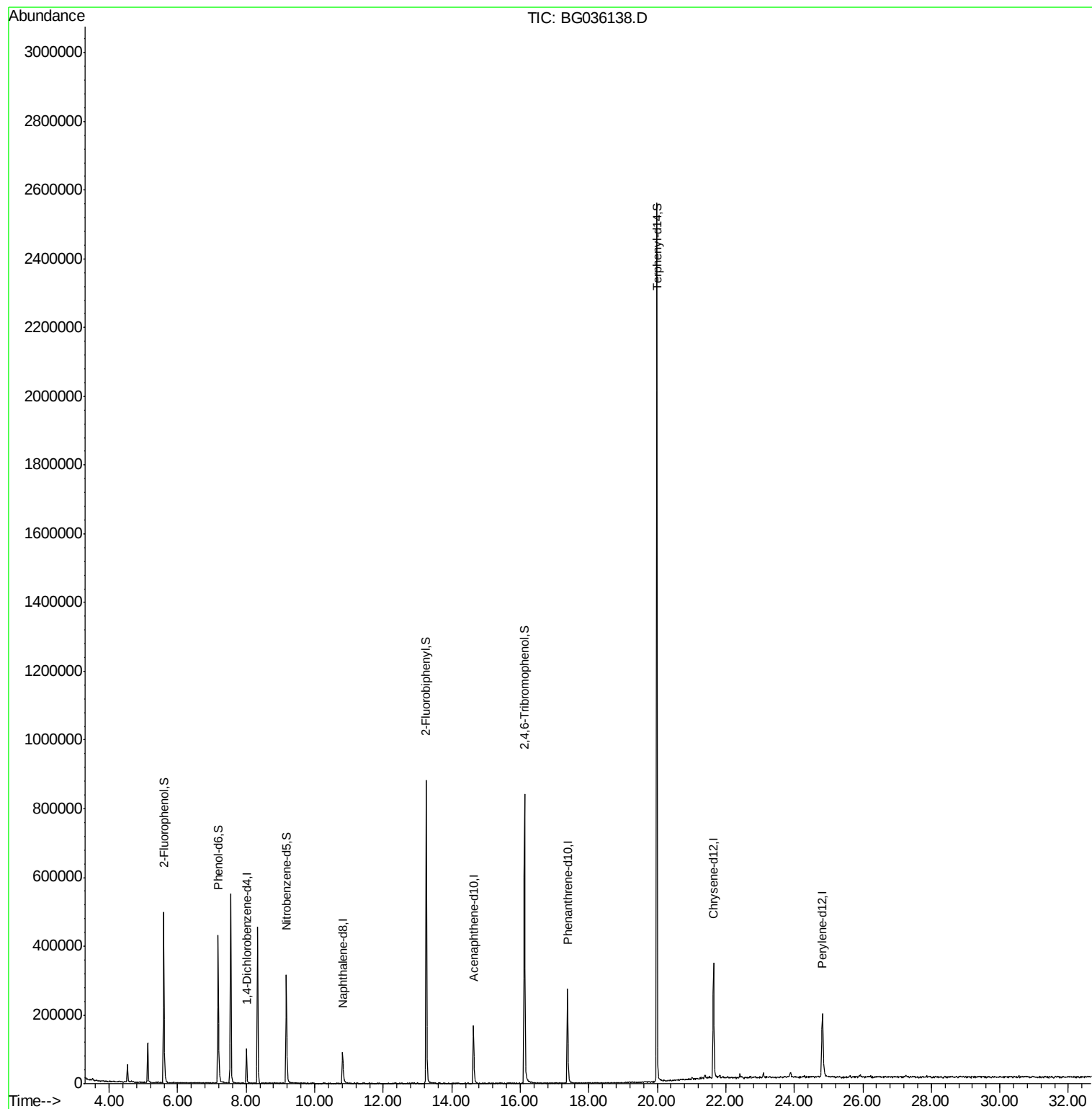
Target Compounds Qvalue

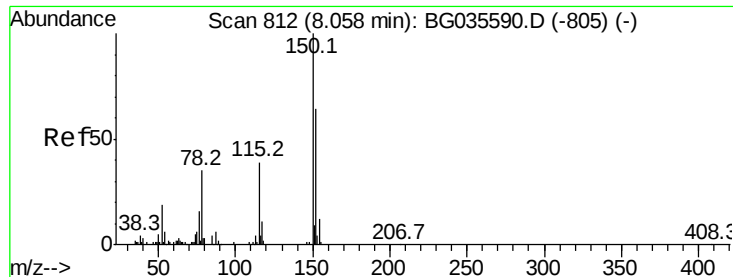
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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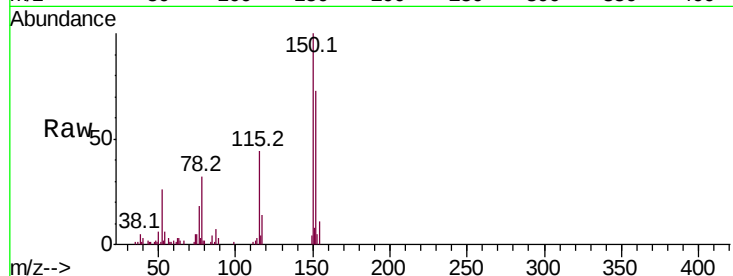


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.7	126.6	189.8
115	60.4	53.0	79.4

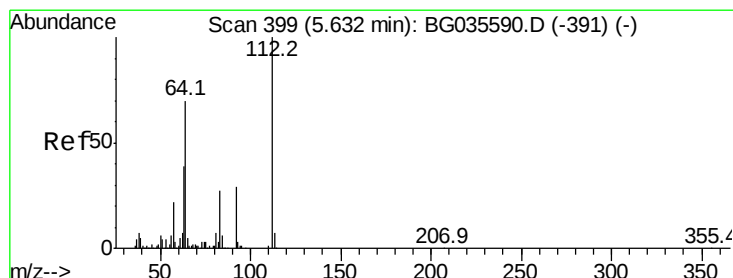
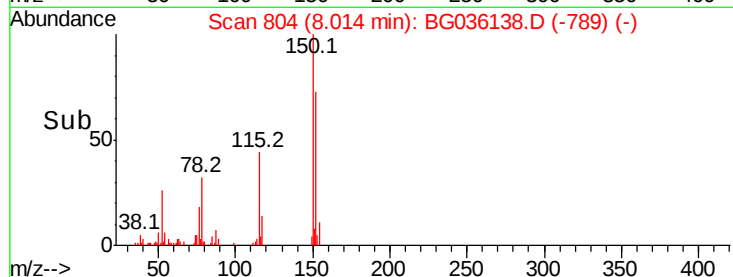
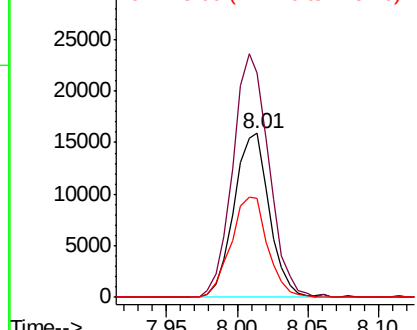


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

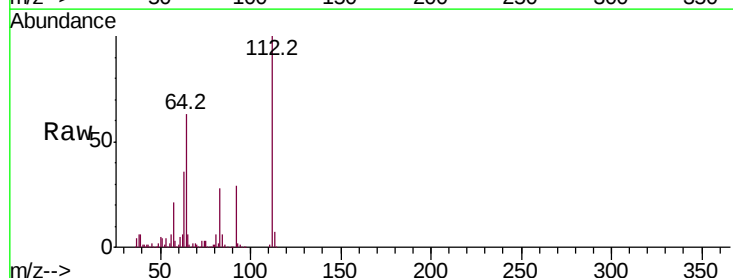
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 136.476 ng
 RT: 5.59 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.3	84.5
63	36.4	30.1	45.1

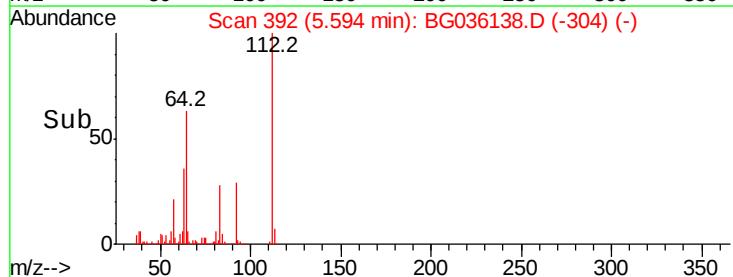
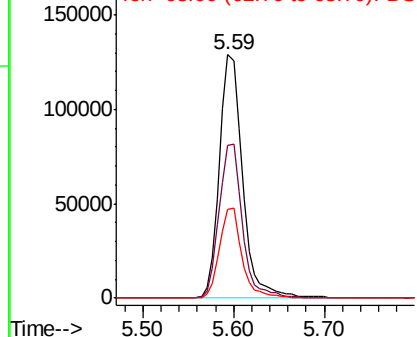


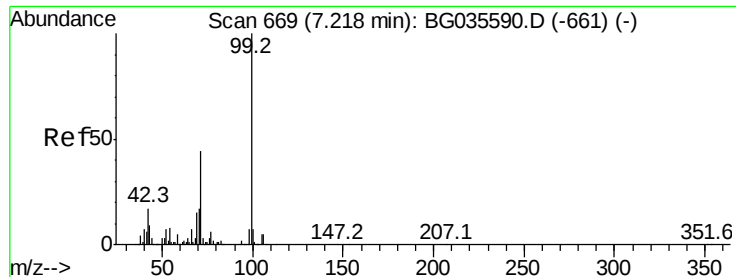
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.243 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

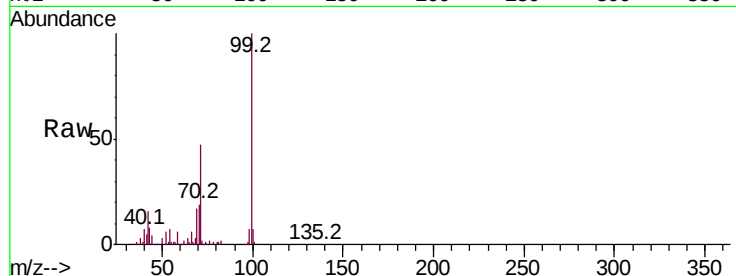
Tot Ion: 99 Resp: 278716

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 46.7 26.1 39.1#

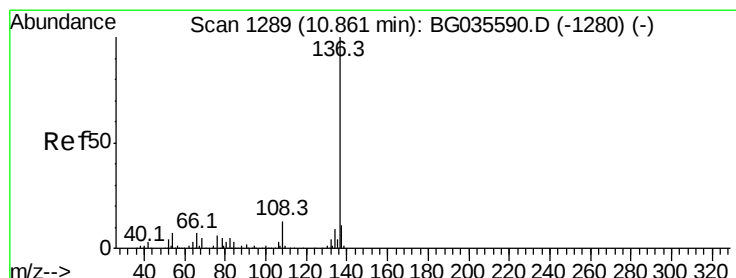
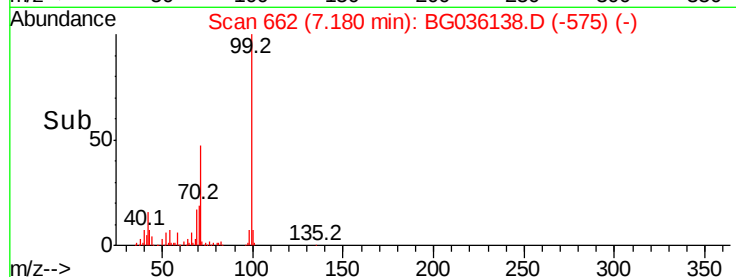
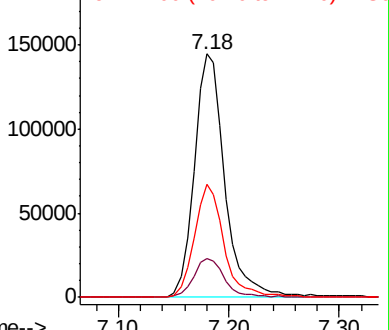


Abundance

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: 10.82 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Tgt Ion: 136 Resp: 98908

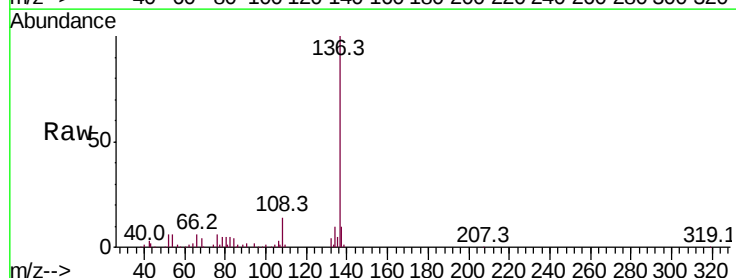
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.5 10.3 15.5#

68 3.7 4.5 6.7#



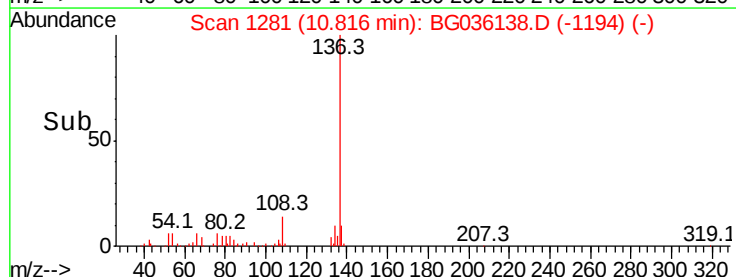
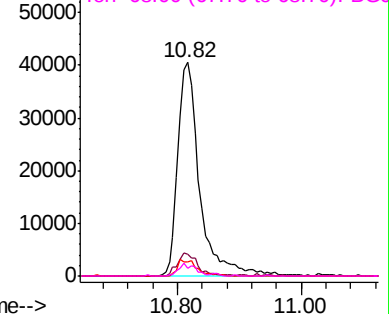
Abundance

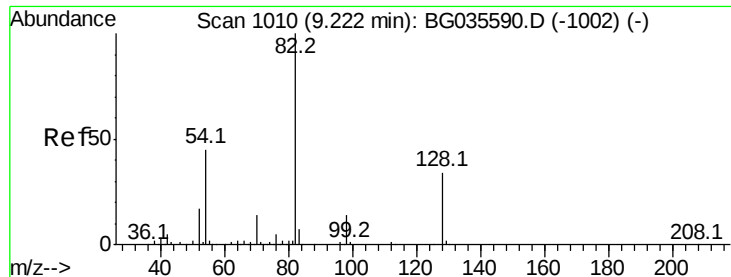
Ion 136.00 (135.70 to 136.70): BGC

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

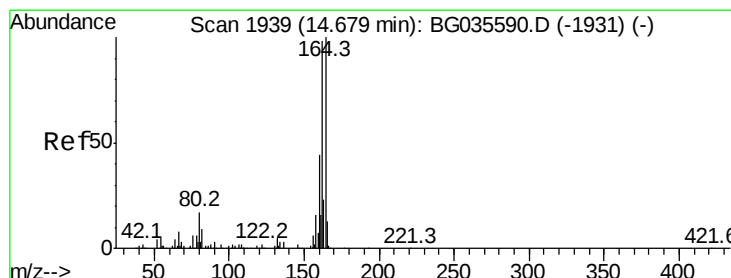
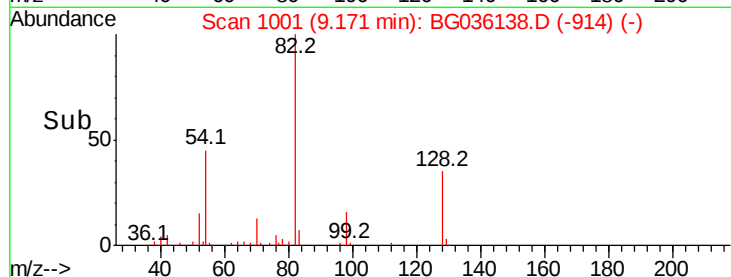
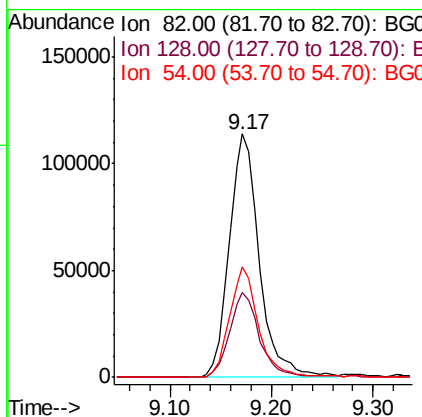
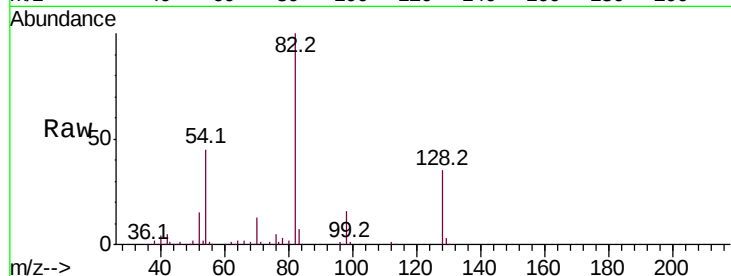




#23
Nitrobenzene-d5
Concen: 98.835 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

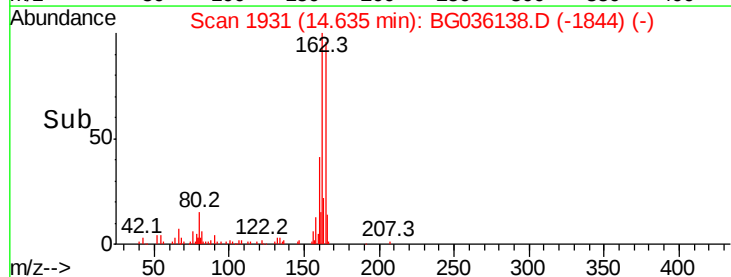
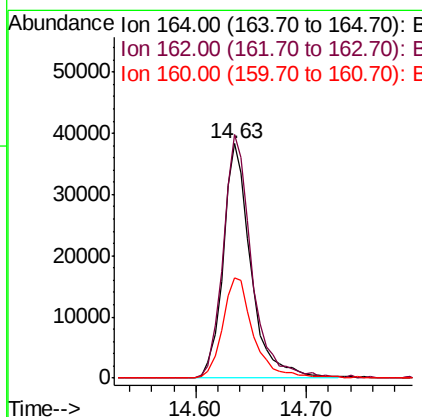
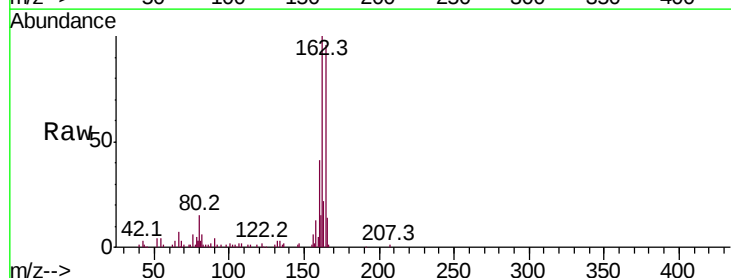
Instrument :
BNA_G
ClientSampleId :
ES-RO-276

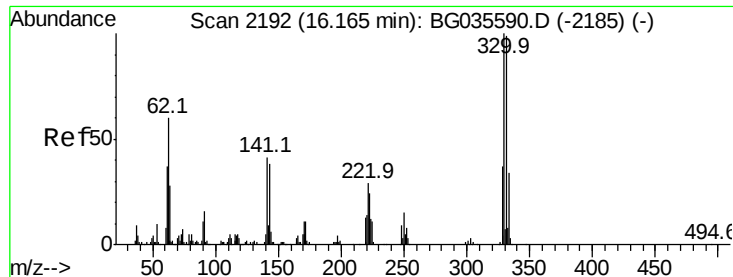
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	45.3	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	42.6	35.4	53.0

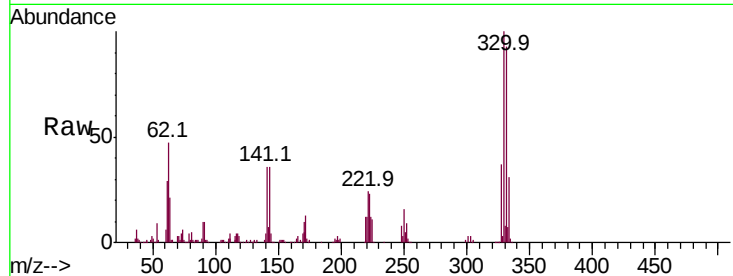




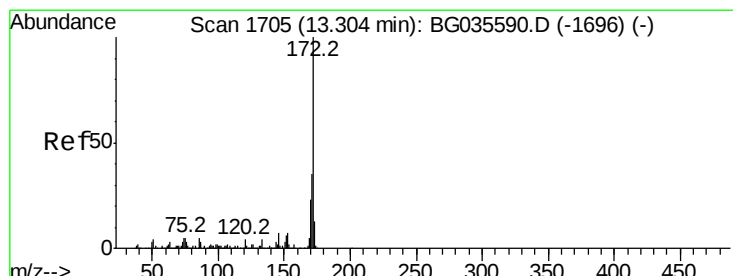
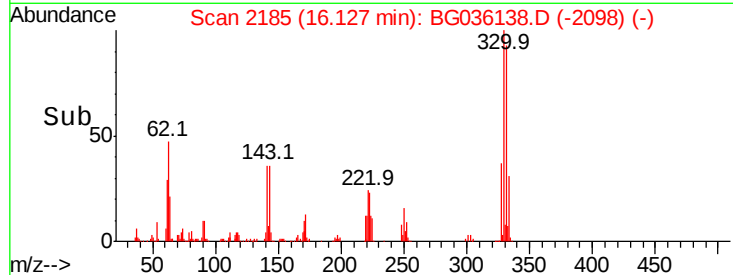
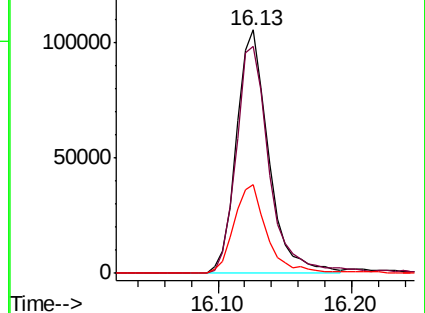
#41
 2,4,6-Tribromophenol
 Concen: 199.818 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Instrument :
 BNA_G
 ClientSampleId :
 ES-RO-276

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.6	25.2	37.8

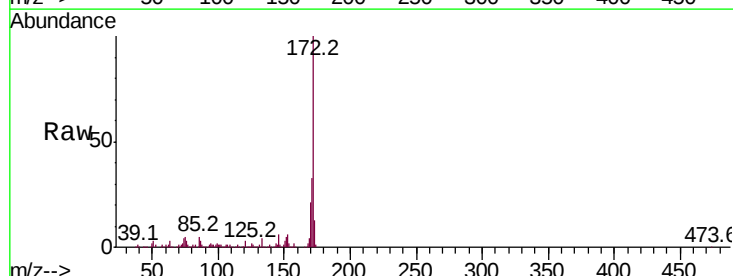


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

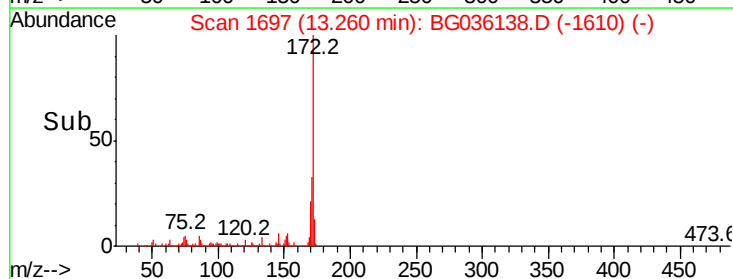
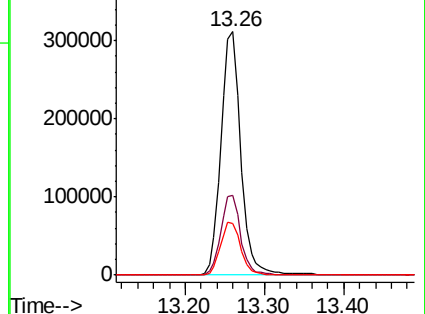


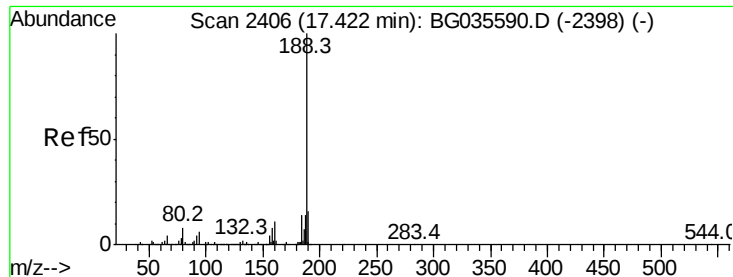
#44
 2-Fluorobiphenyl
 Concen: 108.111 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036138.D
 Acq: 6 Aug 2018 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	21.4	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

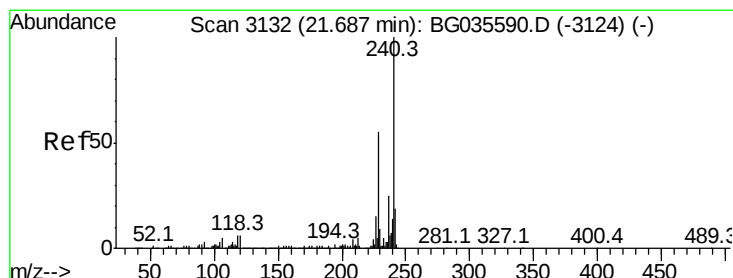
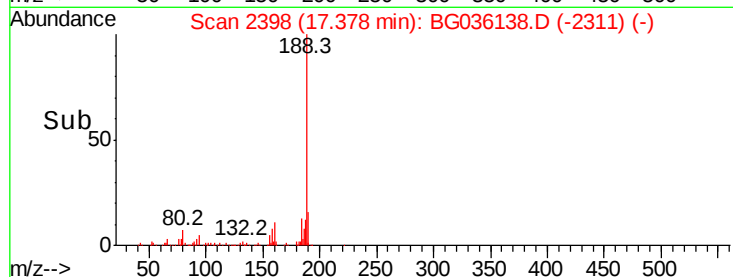
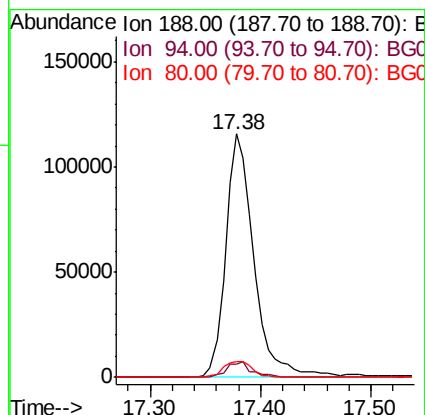
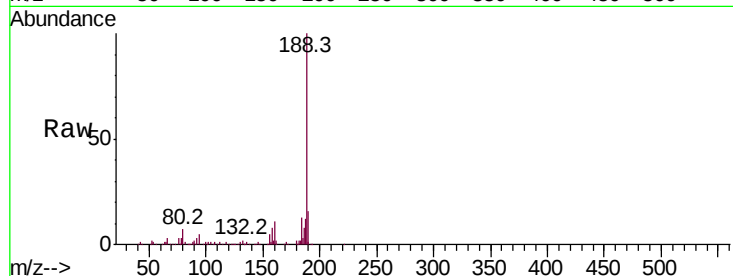




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

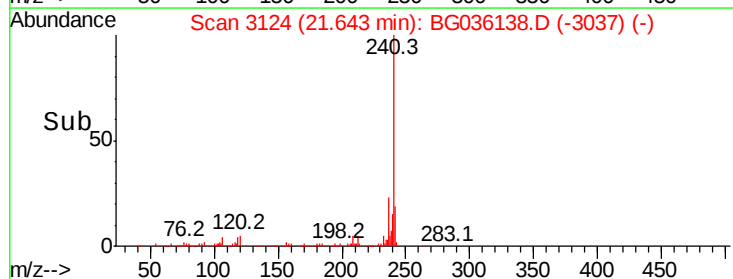
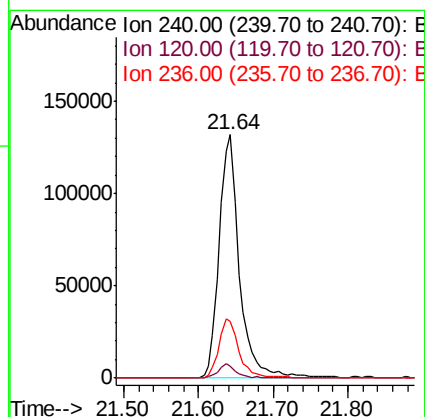
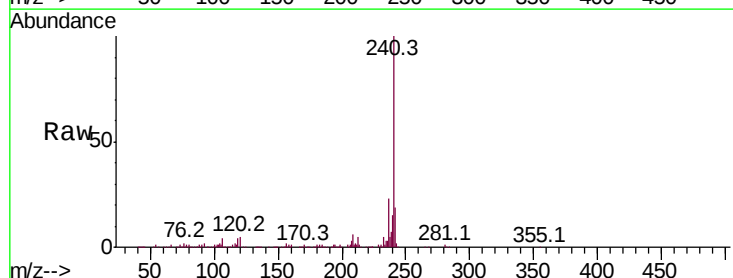
Instrument :
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ES-RO-276

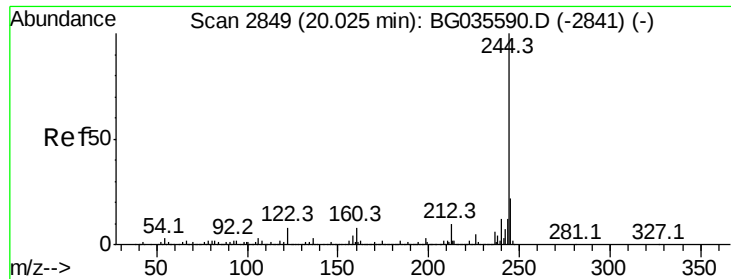
Tot Ion:188 Resp: 205646
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036138.D
Acq: 6 Aug 2018 22:03

Tgt Ion:240 Resp: 248979
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 23.2 20.9 31.3





#78

Terphenyl-d14

Concen: 110.557 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Instrument :

BNA_G

ClientSampleId :

ES-RO-276

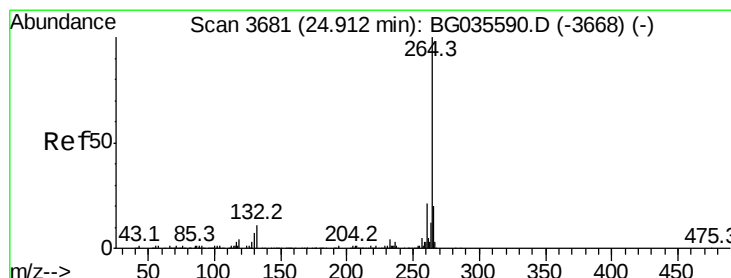
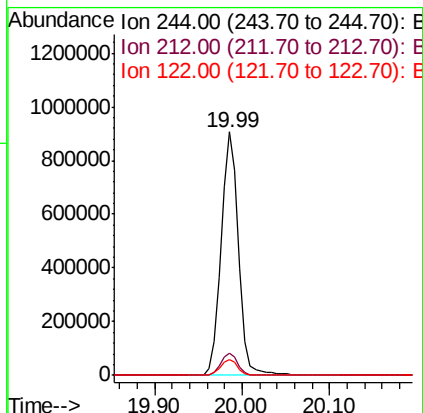
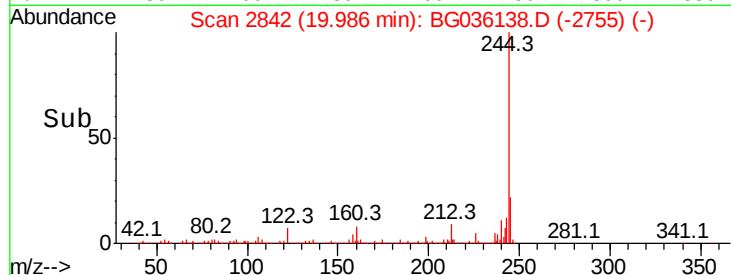
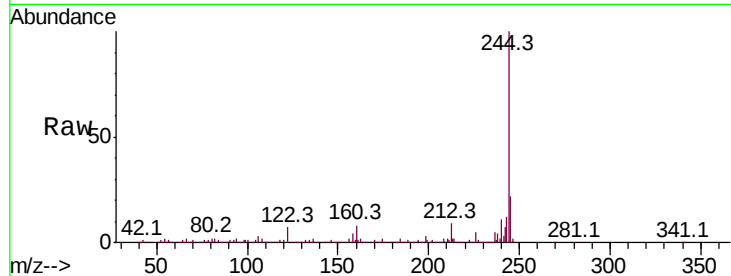
Tot Ion:244 Resp: 1248752

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 6.7 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036138.D

Acq: 6 Aug 2018 22:03

Tgt Ion:264 Resp: 224833

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 24.7 17.7 26.5

