

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038863.D
 Acq On : 28 Dec 2018 5:47
 Operator : JU/SJ
 Sample : J6195-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-122618-B

Quant Time: Dec 28 07:14:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23447	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	105098	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	78699	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	186289	20.00	ng	0.00
76) Chrysene-d12	21.72	240	186926	20.00	ng	0.00
87) Perylene-d12	25.02	264	201946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	188700	142.74	ng	0.01
7) Phenol-d6	7.22	99	250455	138.01	ng	0.01
23) Nitrobenzene-d5	9.23	82	183001	88.96	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	177829	163.96	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	539338	94.02	ng	0.00
79) Terphenyl-d14	20.04	244	934064	108.75	ng	0.00

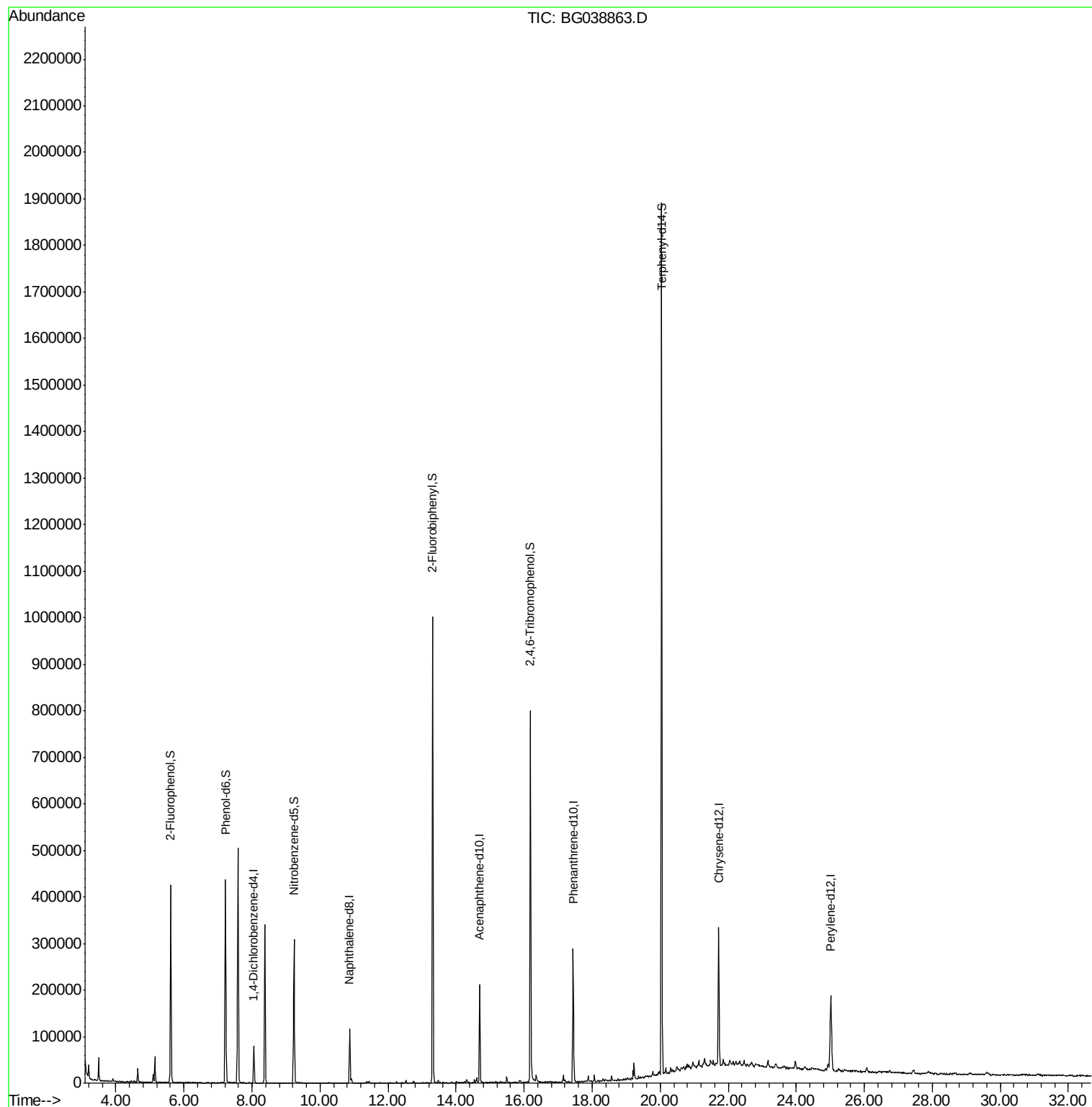
Target Compounds Qvalue

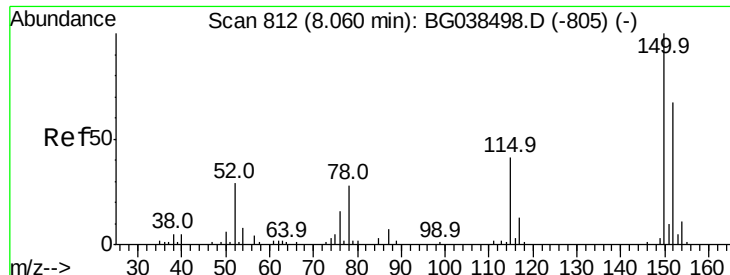
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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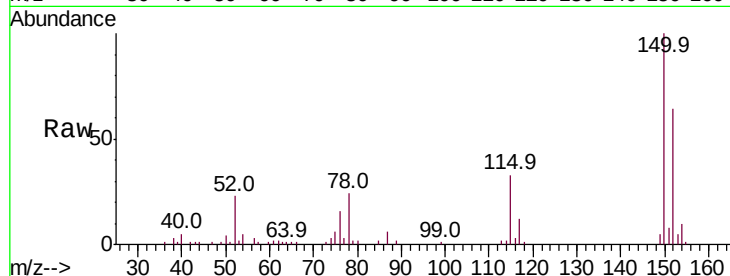


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038863.D
Acq: 28 Dec 2018 5:47

Instrument :
BNA_G
ClientSampleId :
OR-01-122618-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	52.1	49.6	74.4

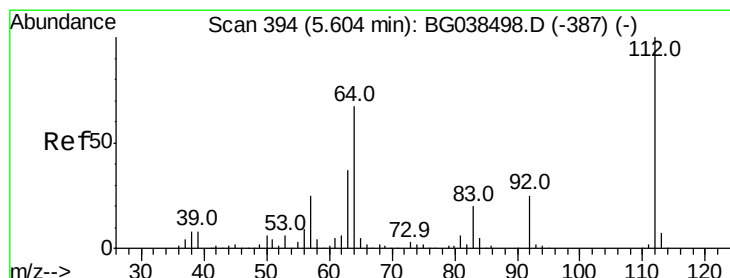
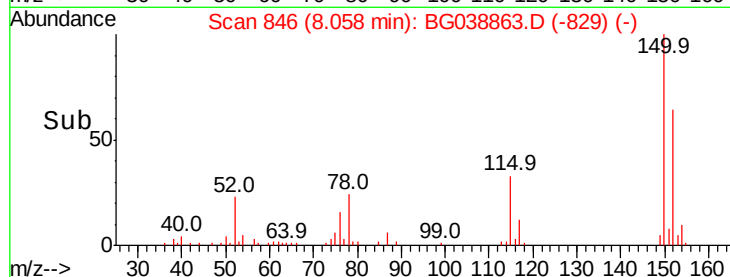
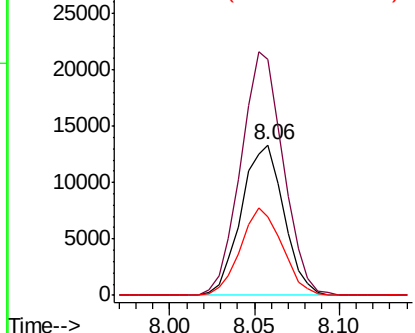


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

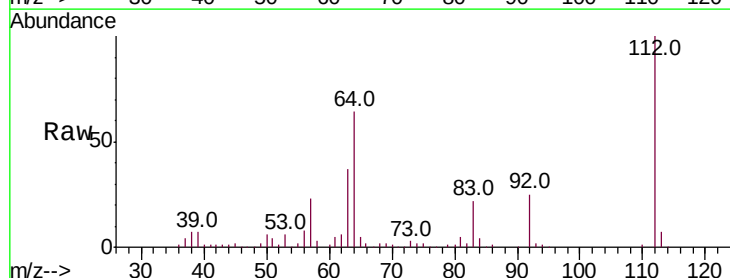
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.742 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038863.D
Acq: 28 Dec 2018 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.4	80.2
63	37.1	29.3	43.9

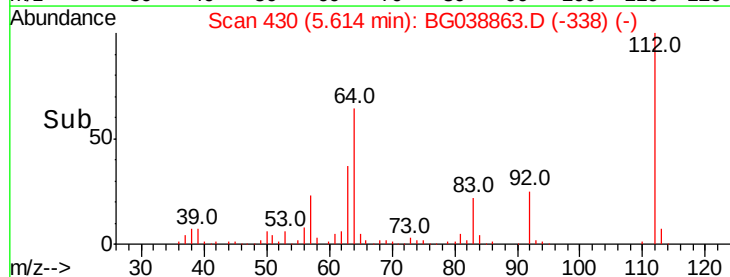
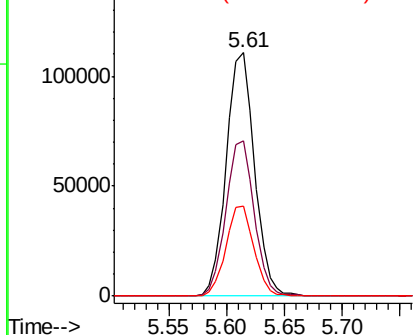


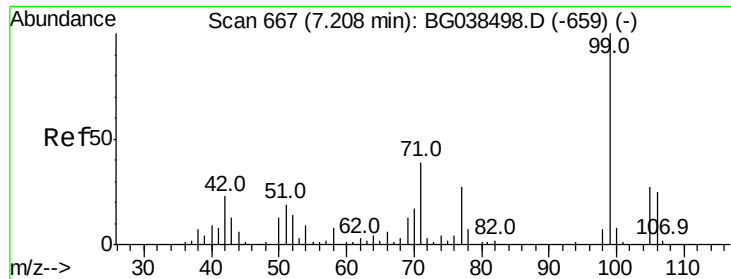
Abundance

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: 138.007 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

Instrument :

BNA_G

ClientSampleId :

OR-01-122618-B

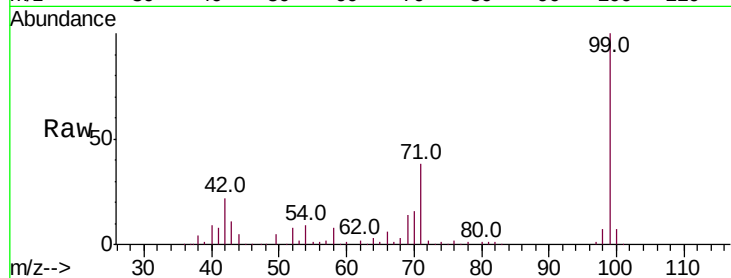
Tot Ion: 99 Resp: 250455

Ion Ratio Lower Upper

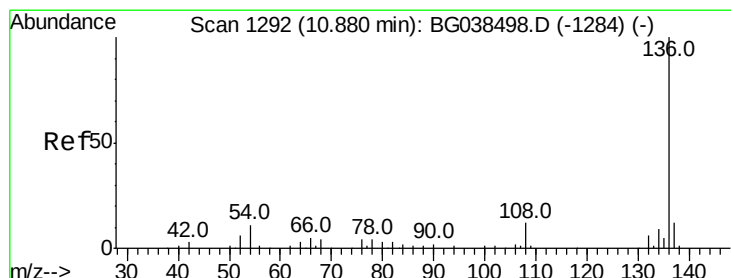
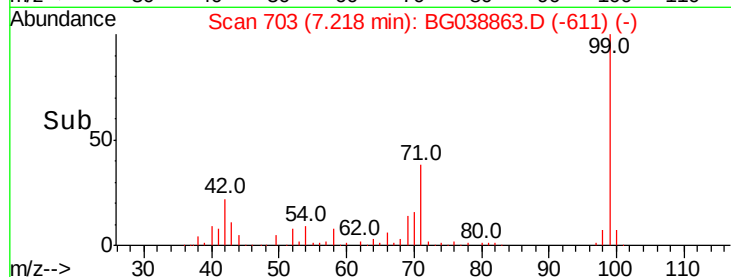
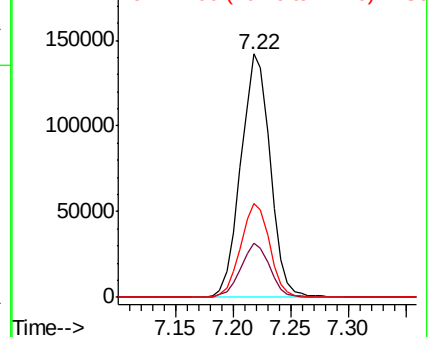
99 100

42 22.2 18.5 27.7

71 38.3 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

Tgt Ion: 136 Resp: 105098

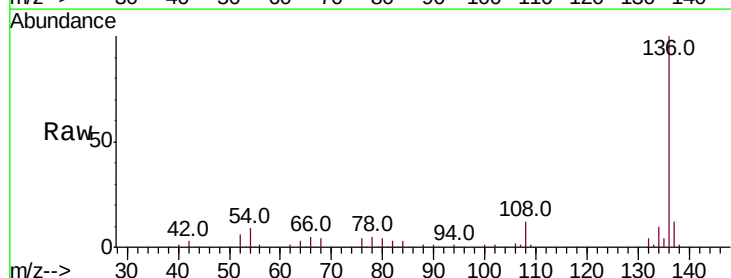
Ion Ratio Lower Upper

136 100

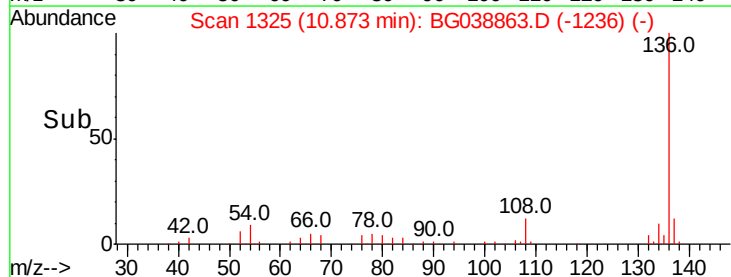
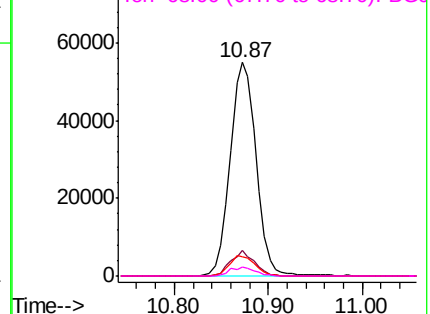
137 11.7 9.3 13.9

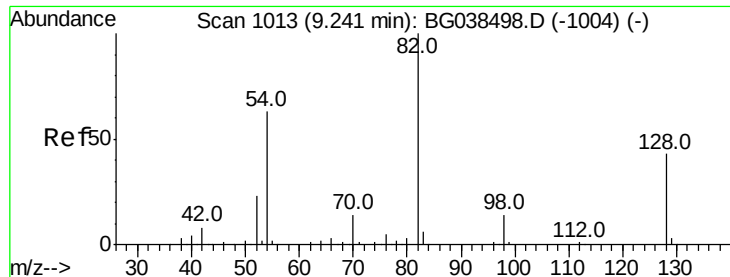
54 8.9 8.5 12.7

68 4.2 3.5 5.3



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

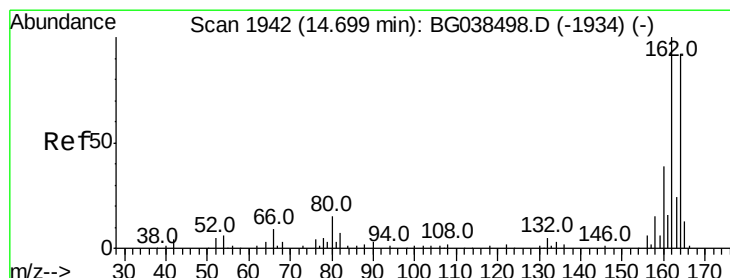
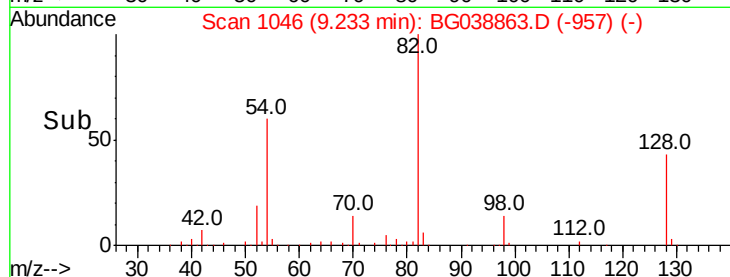
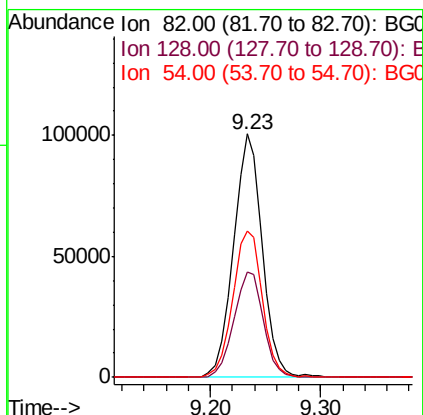
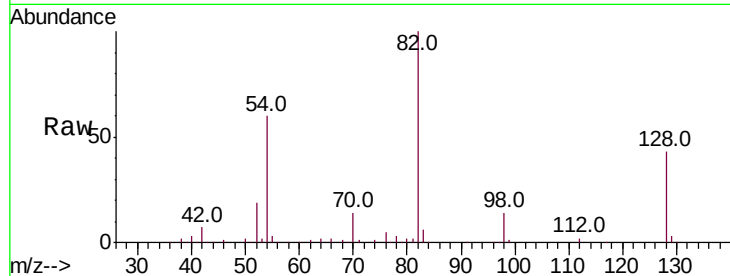




#23
Nitrobenzene-d5
Concen: 88.955 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038863.D
Acq: 28 Dec 2018 5:47

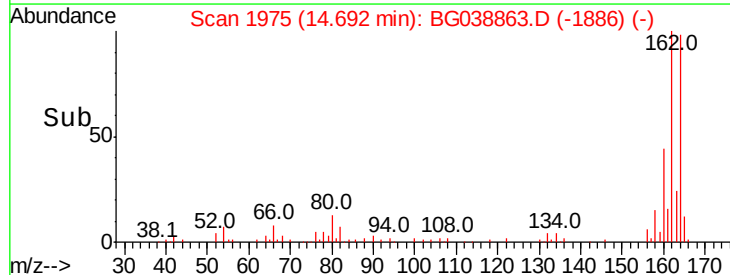
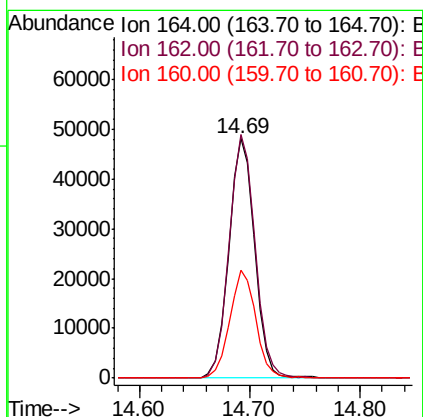
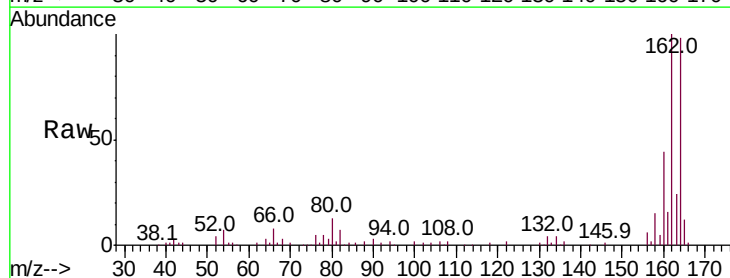
Instrument :
BNA_G
ClientSampleId :
OR-01-122618-B

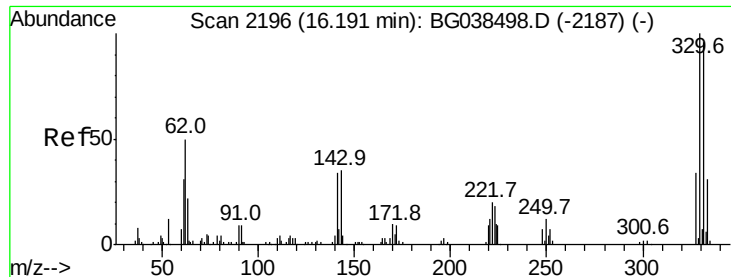
Tot Ion: 82 Resp: 183001
Ion Ratio Lower Upper
82 100
128 43.4 34.6 52.0
54 60.3 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038863.D
Acq: 28 Dec 2018 5:47

Tgt Ion:164 Resp: 78699
Ion Ratio Lower Upper
164 100
162 101.7 86.6 130.0
160 45.1 34.2 51.2

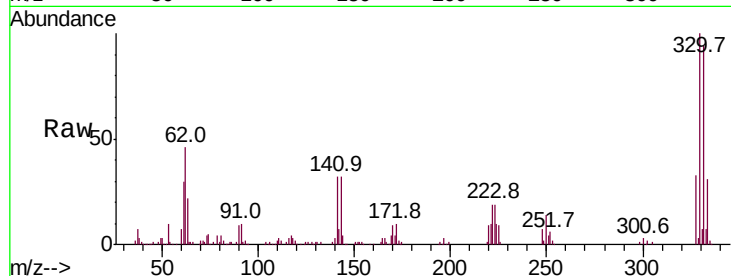




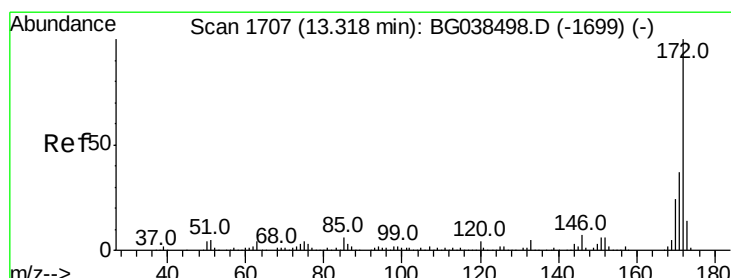
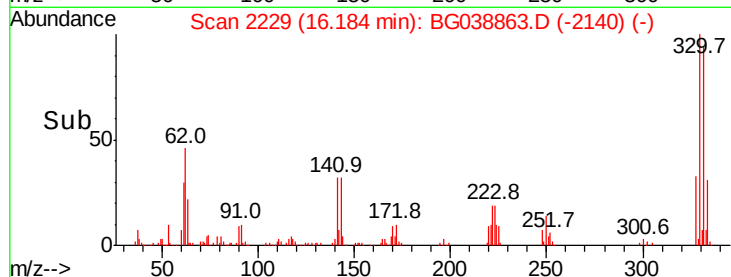
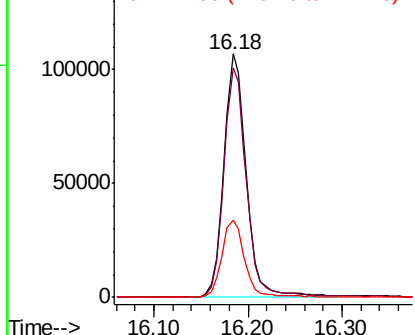
#42
 2,4,6-Tribromophenol
 Concen: 163.956 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038863.D
 Acq: 28 Dec 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-122618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	31.6	28.8	43.2

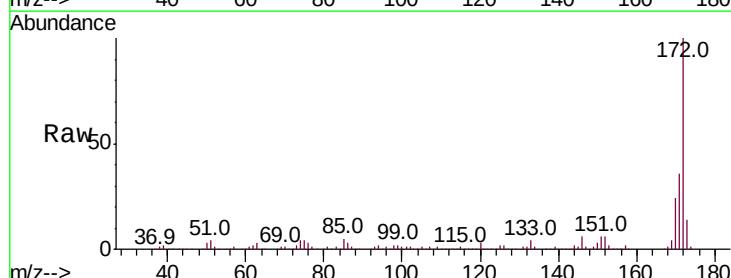


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

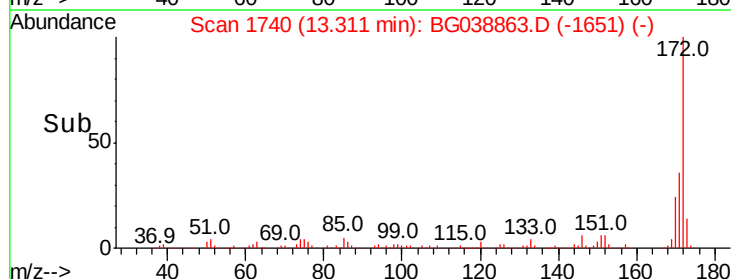
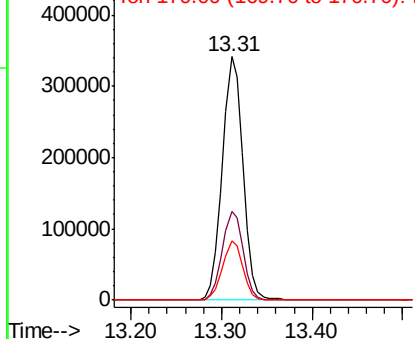


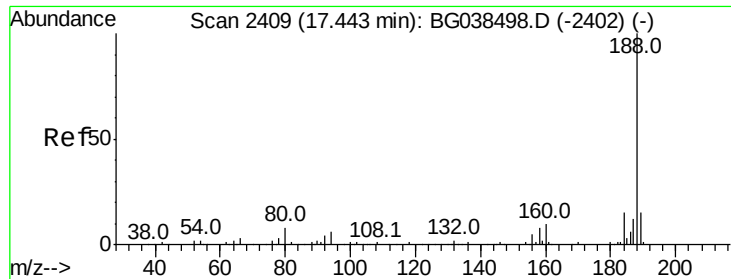
#45
 2-Fluorobiphenyl
 Concen: 94.015 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038863.D
 Acq: 28 Dec 2018 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.3	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

Instrument :

BNA_G

ClientSampleId :

OR-01-122618-B

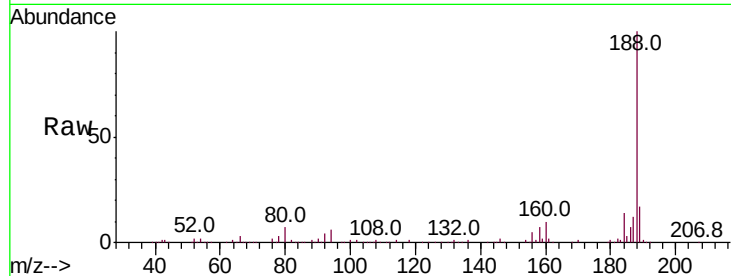
Tot Ion:188 Resp: 186289

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

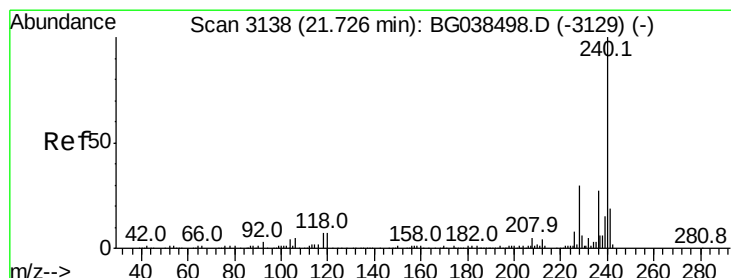
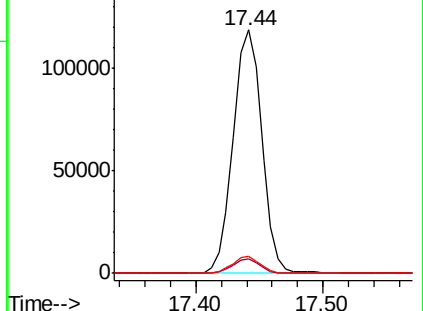
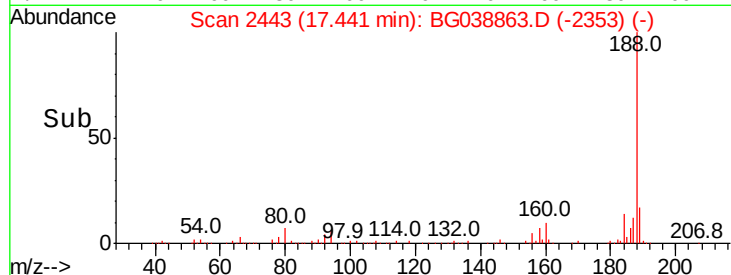
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

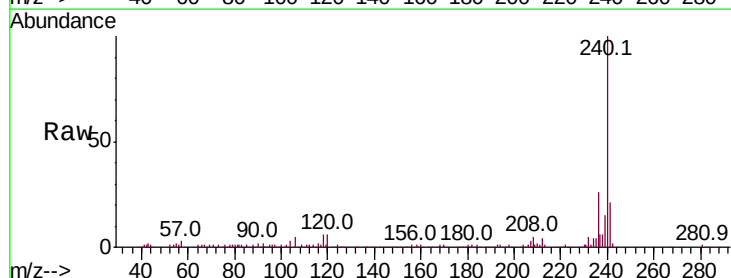
Tgt Ion:240 Resp: 186926

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

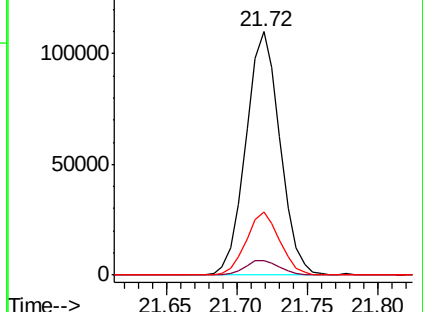
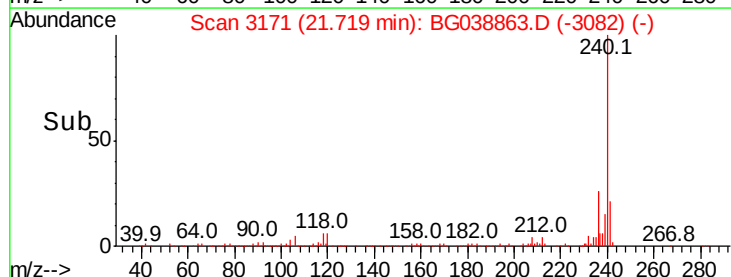
236 26.0 21.4 32.2

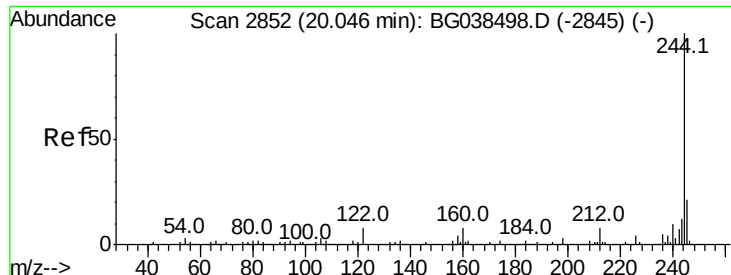


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.751 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

Instrument :

BNA_G

ClientSampleId :

OR-01-122618-B

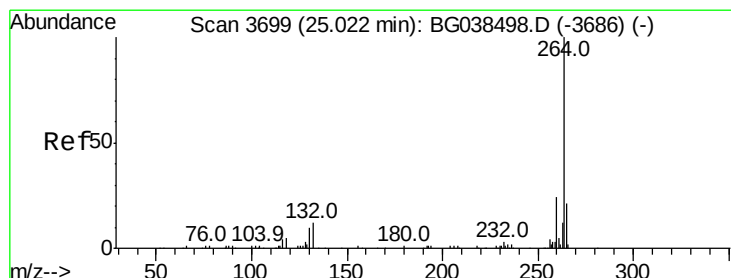
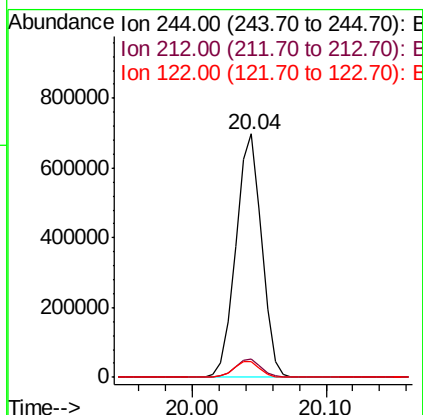
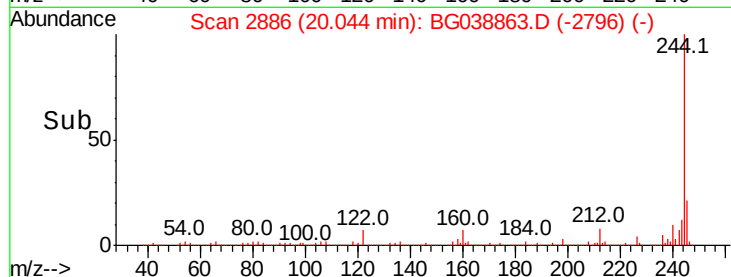
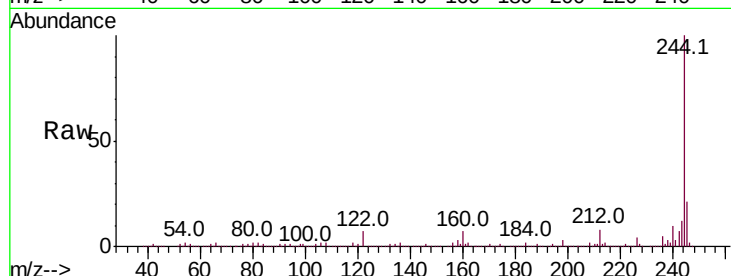
Tot Ion:244 Resp: 934064

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 6.6 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038863.D

Acq: 28 Dec 2018 5:47

Tgt Ion:264 Resp: 201946

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.9 17.0 25.4

