

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038317.D
 Acq On : 4 Dec 2018 2:15
 Operator : JU/SJ
 Sample : J6179-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0-0.5-BGS

Quant Time: Dec 04 06:27:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

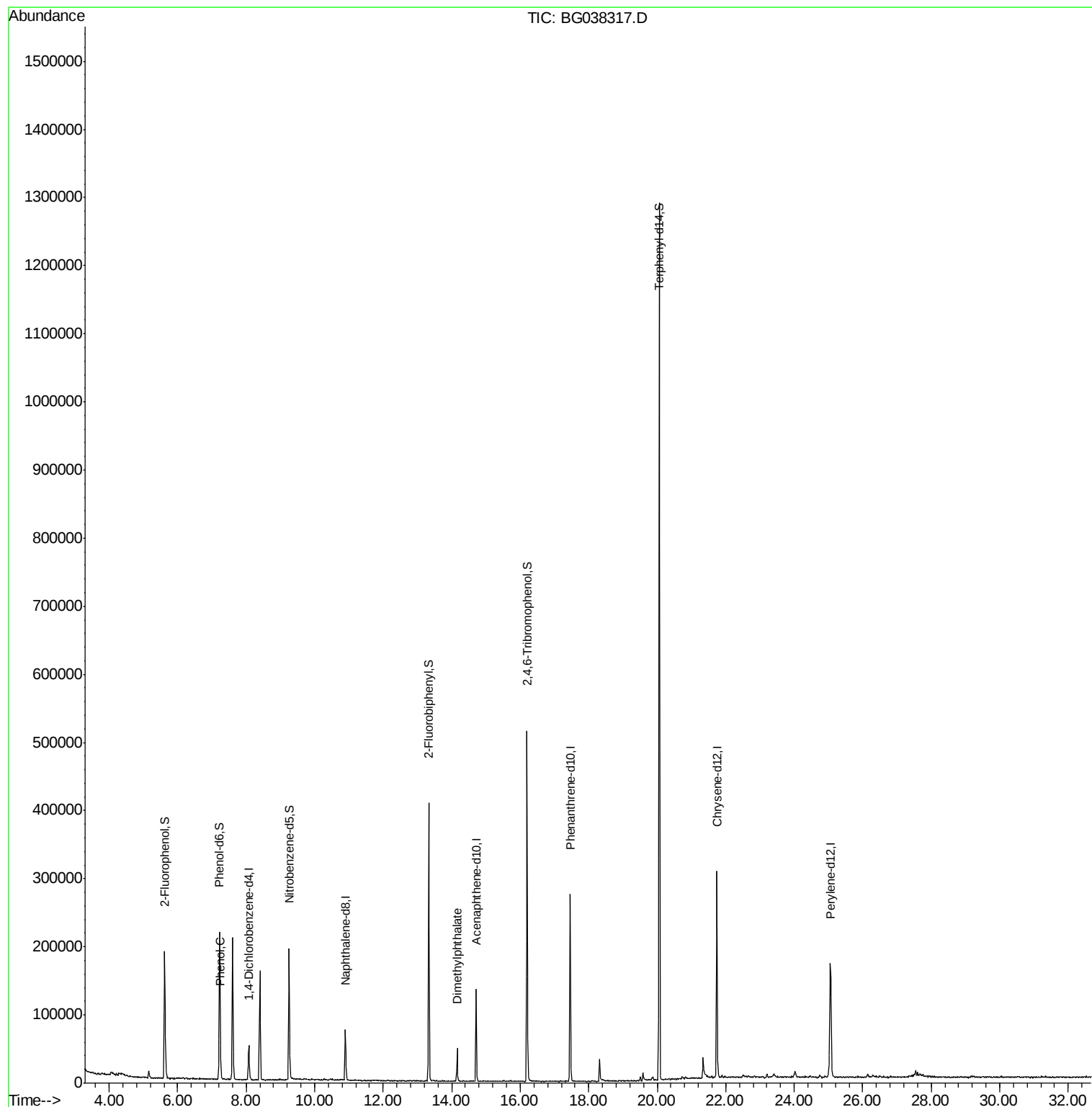
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15417	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	71080	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	49451	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	173935	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185890	20.00	ng	0.00
87) Perylene-d12	25.06	264	192552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98866	110.72	ng	0.00
7) Phenol-d6	7.22	99	140288	110.06	ng	0.00
23) Nitrobenzene-d5	9.25	82	129345	97.41	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	94116	166.88	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	218025	64.23	ng	-0.02
79) Terphenyl-d14	20.06	244	633229	80.15	ng	0.00
Target Compounds						
10) Phenol	7.25	94	10464	7.751	ng	85
50) Dimethylphthalate	14.16	163	35715	9.110	ng	99

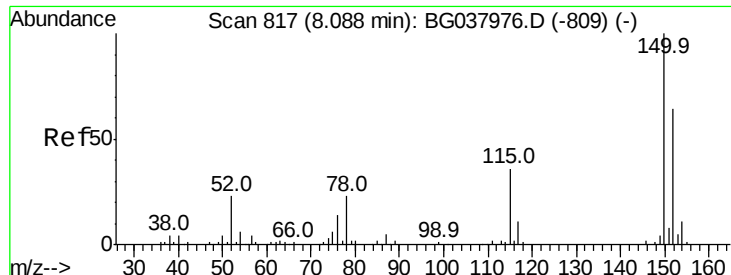
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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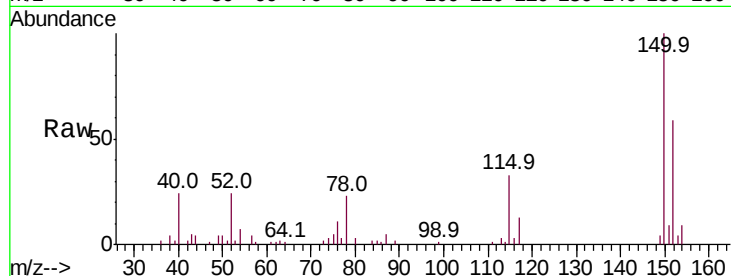


#1

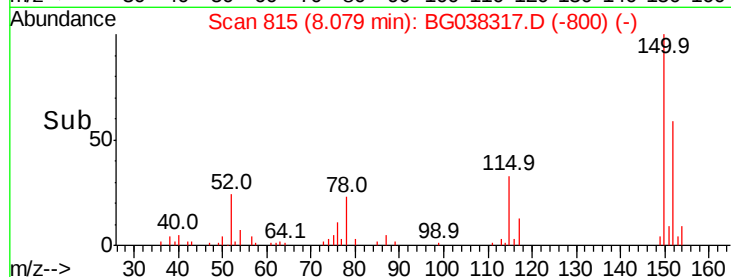
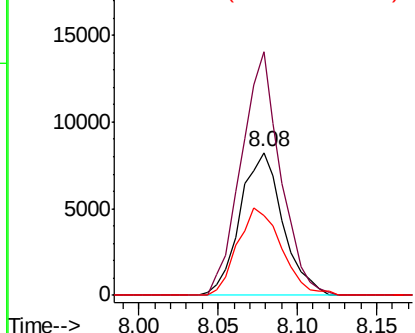
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Instrument :
 BNA_G
 ClientSampleId :
 S8-0-0.5-BGS

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.7	126.0	189.0
115	56.1	45.5	68.3



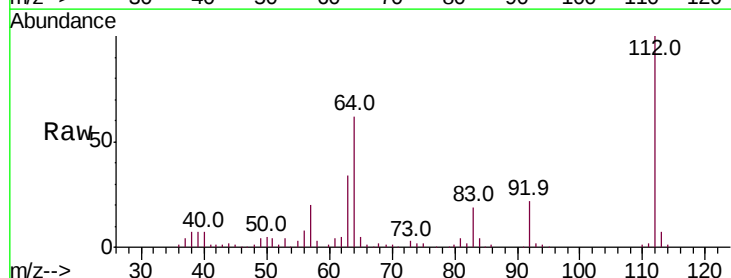
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



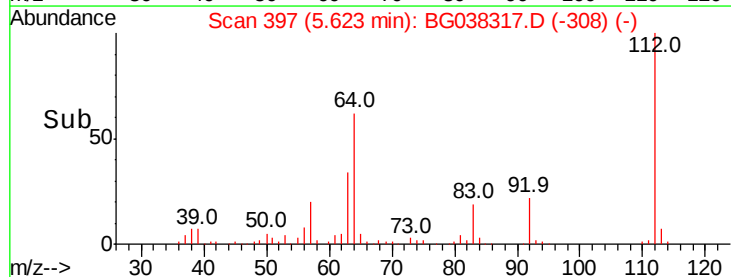
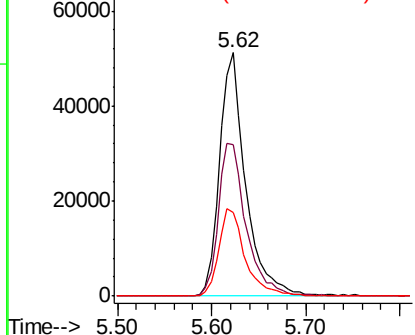
#5

2-Fluorophenol
 Concen: 110.721 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038317.D
 Acq: 4 Dec 2018 2:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	53.1	79.7
63	34.2	27.3	40.9



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: 110.064 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

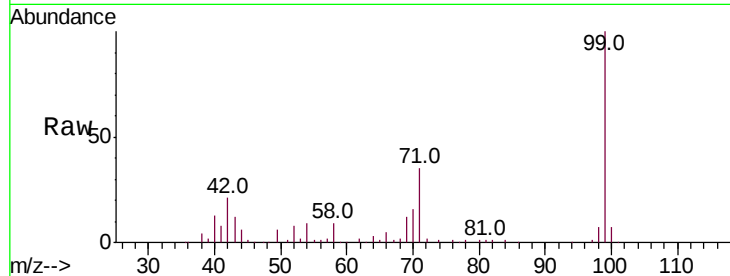
Tot Ion: 99 Resp: 140288

Ion Ratio Lower Upper

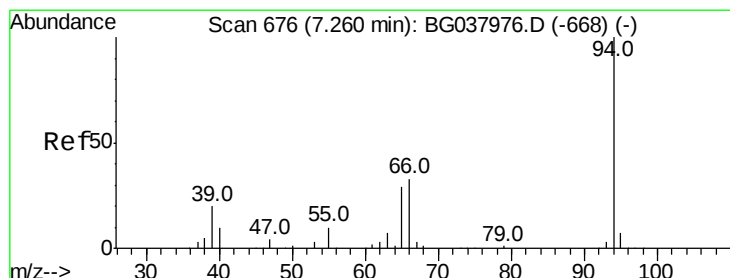
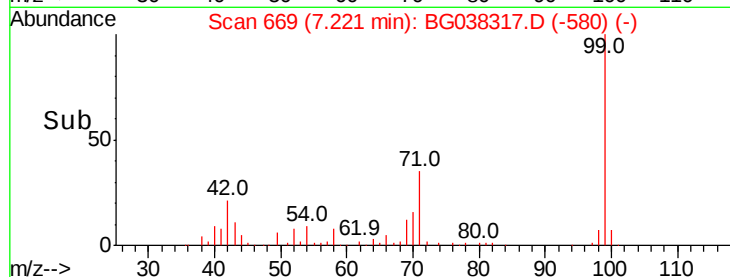
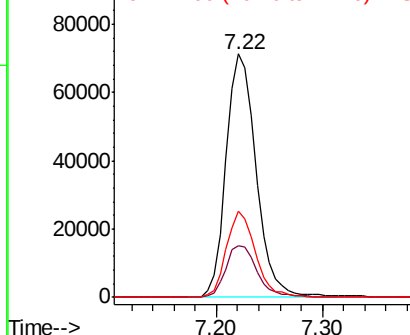
99 100

42 21.4 15.0 22.4

71 35.3 25.5 38.3



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



#10

Phenol

Concen: 7.751 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

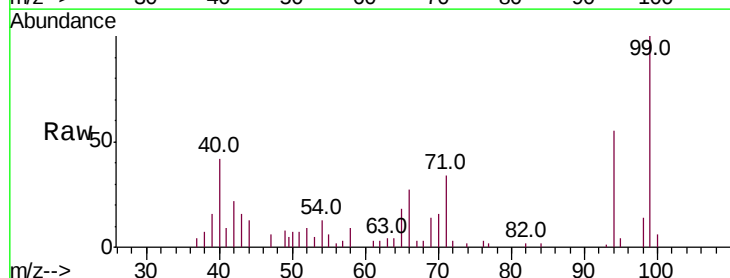
Tgt Ion: 94 Resp: 10464

Ion Ratio Lower Upper

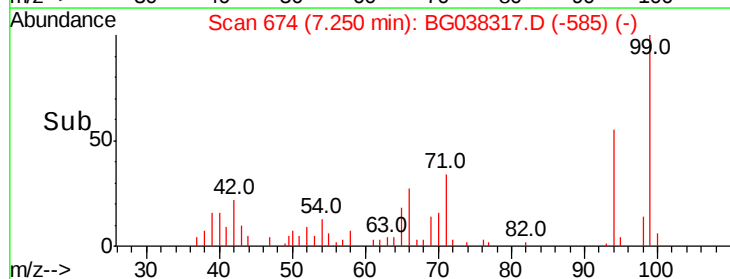
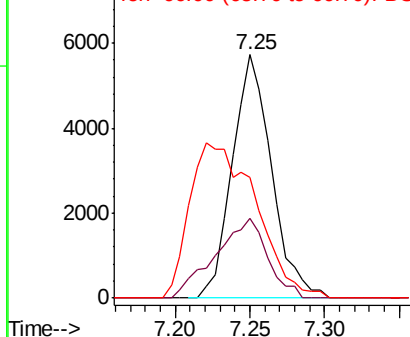
94 100

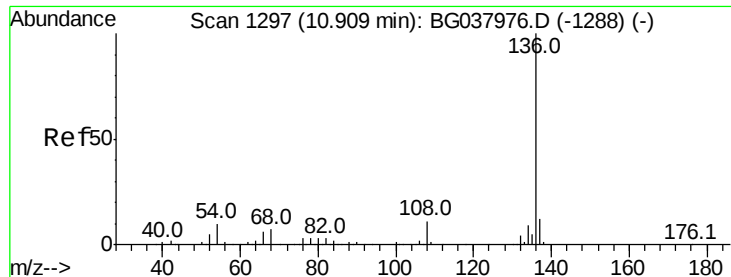
65 32.6 9.7 49.7

66 49.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

Tot Ion:136 Resp: 71080

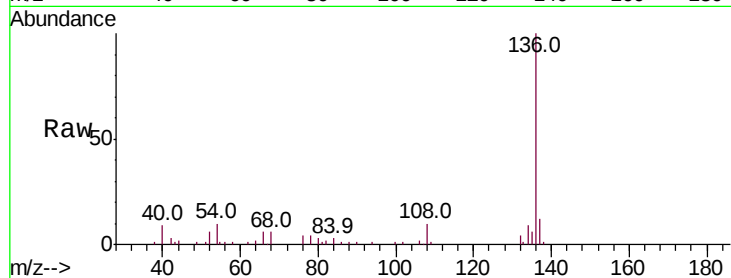
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.8 7.9 11.9

68 6.0 4.8 7.2

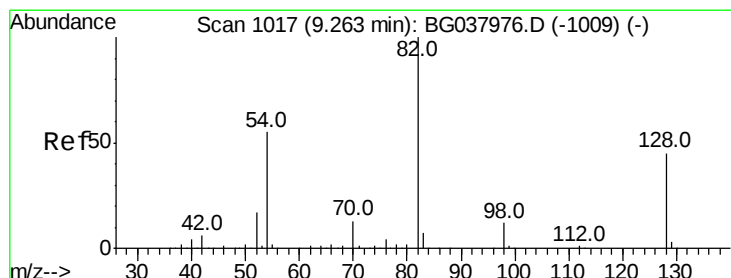
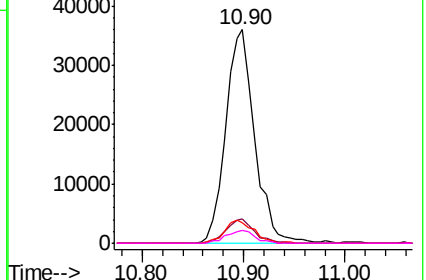
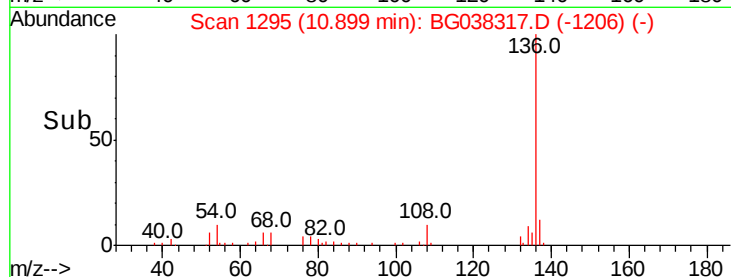


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 97.410 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

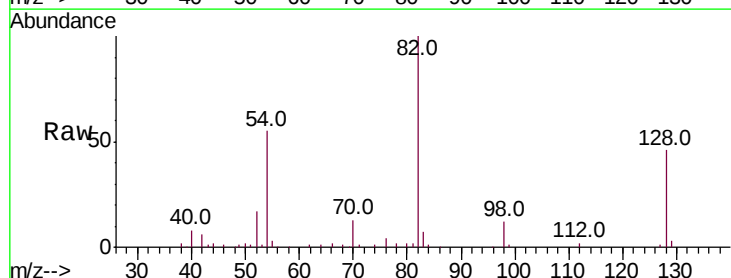
Tgt Ion: 82 Resp: 129345

Ion Ratio Lower Upper

82 100

128 46.1 34.6 51.8

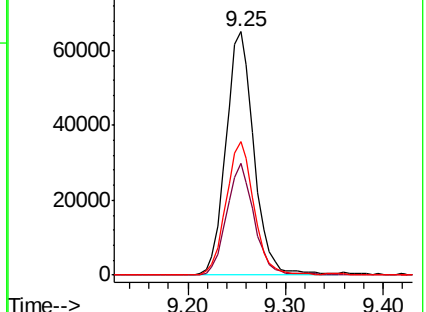
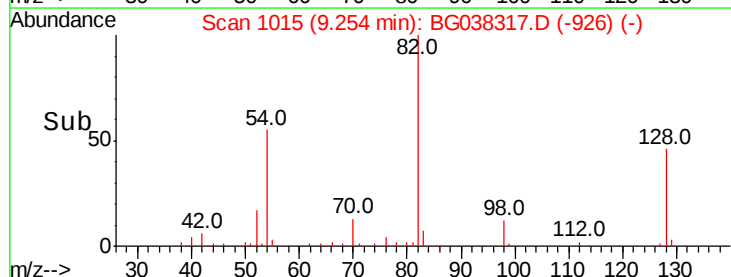
54 55.1 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

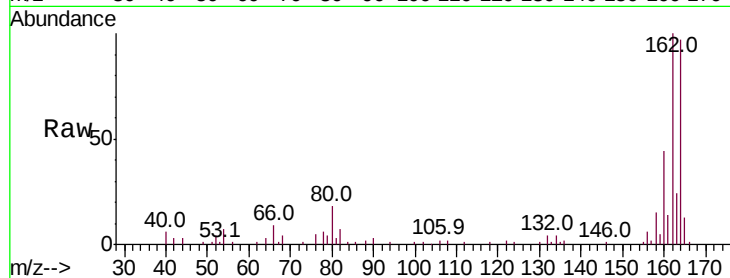
Tot Ion:164 Resp: 49451

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

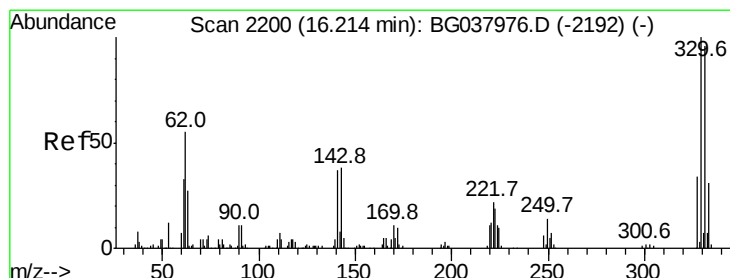
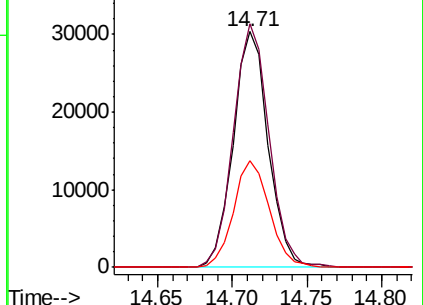
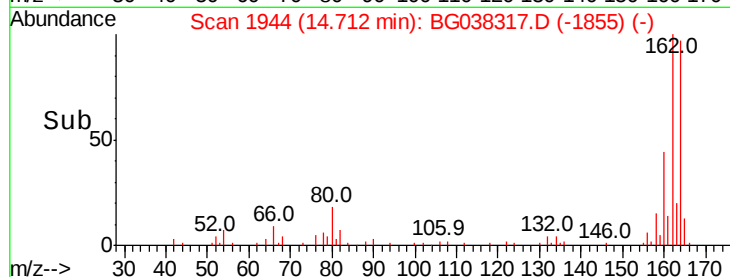
160 45.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 166.879 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

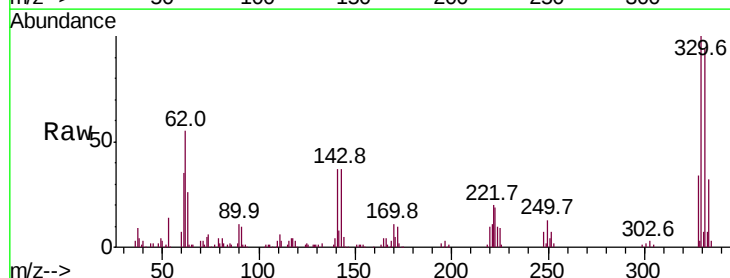
Tgt Ion:330 Resp: 94116

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

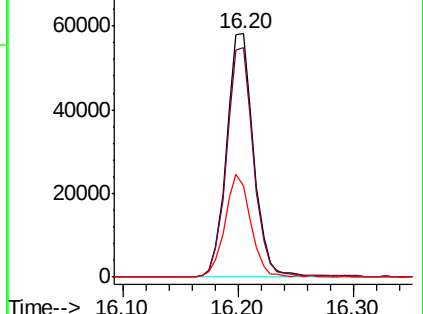
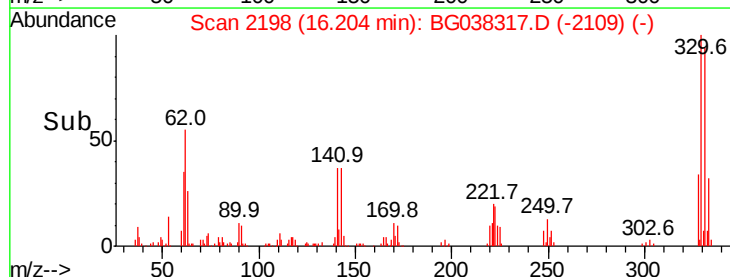
141 40.4 32.2 48.2



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: 64.231 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

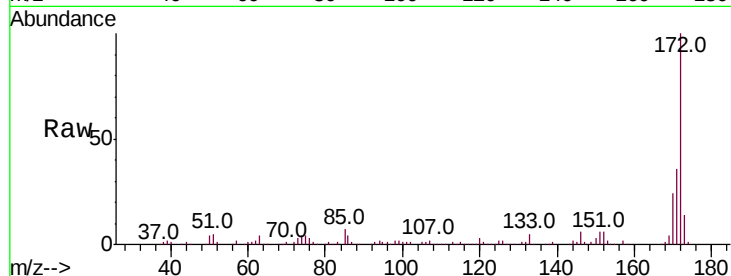
BNA_G

ClientSampleId :

S8-0-0.5-BGS

Tot Ion:172 Resp: 218025

Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.0	46.4
170	23.7	20.2	30.2

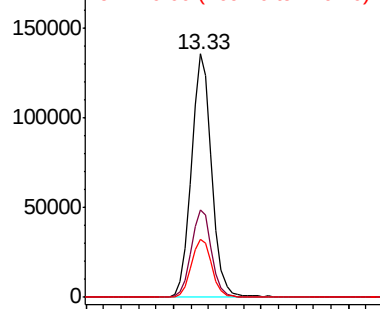


Abundance

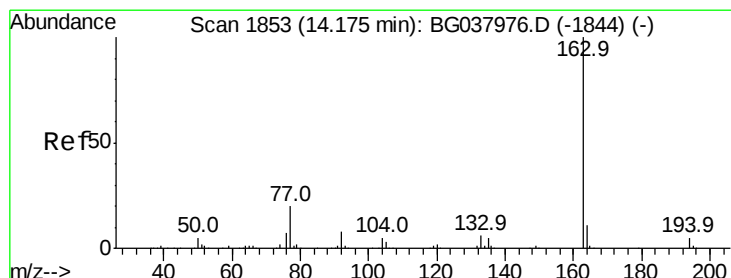
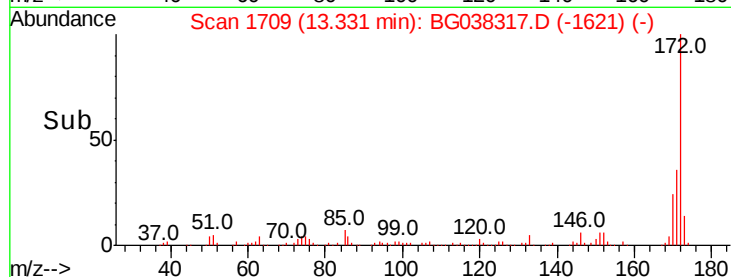
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.30 13.40 13.50



#50

Dimethylphthalate

Concen: 9.110 ng

RT: 14.16 min Scan# 1850

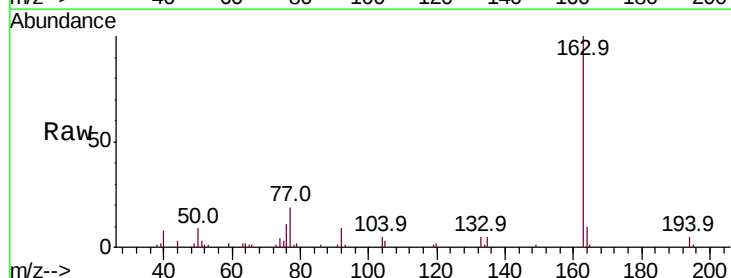
Delta R.T. -0.02 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Tgt Ion:163 Resp: 35715

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.4	8.5	12.7

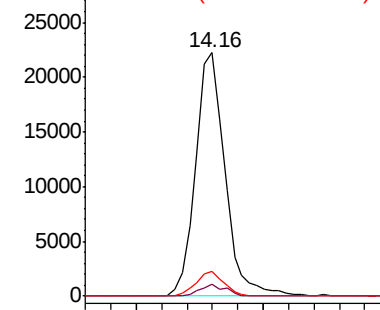


Abundance

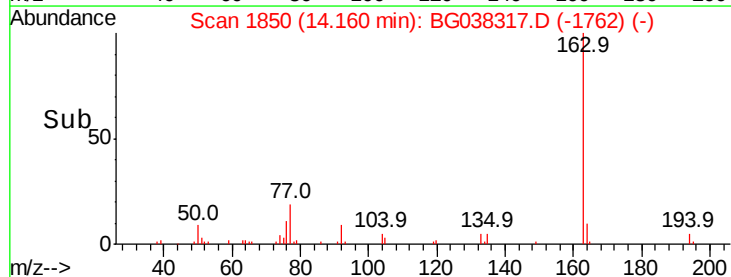
Ion 163.00 (162.70 to 163.70): E

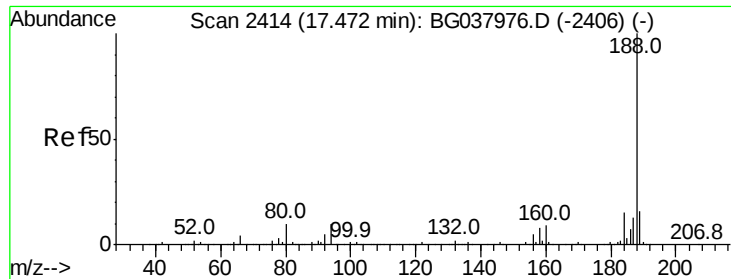
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.10 14.20





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

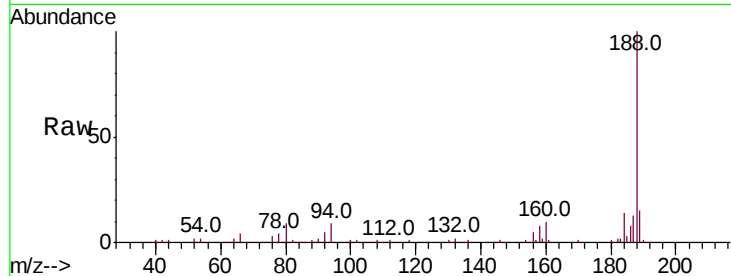
Tot Ion:188 Resp: 173935

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

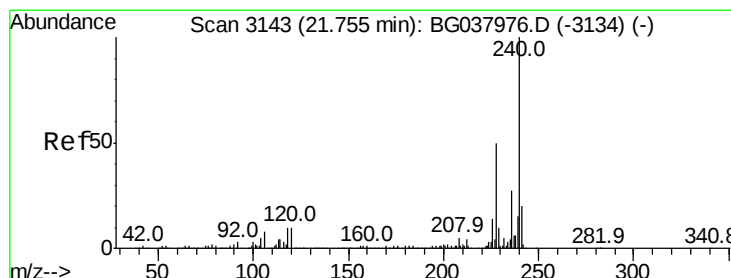
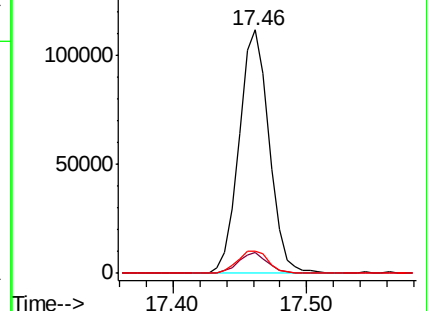
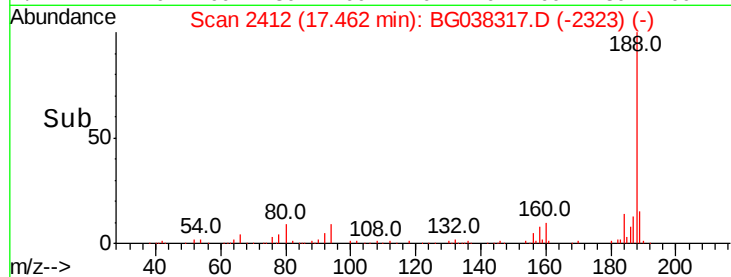
80 9.3 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

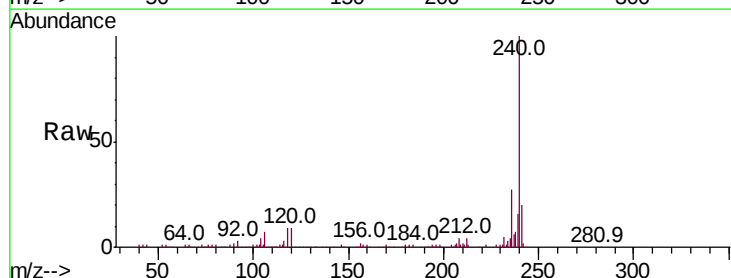
Tgt Ion:240 Resp: 185890

Ion Ratio Lower Upper

240 100

120 8.6 8.1 12.1

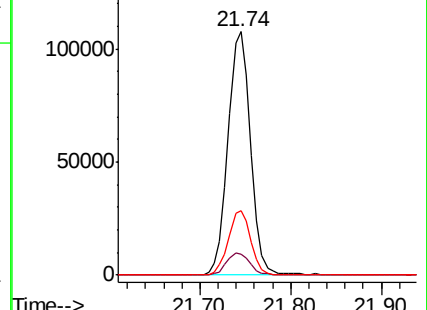
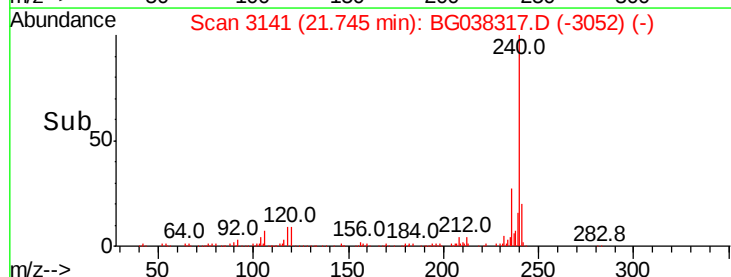
236 26.7 21.4 32.0

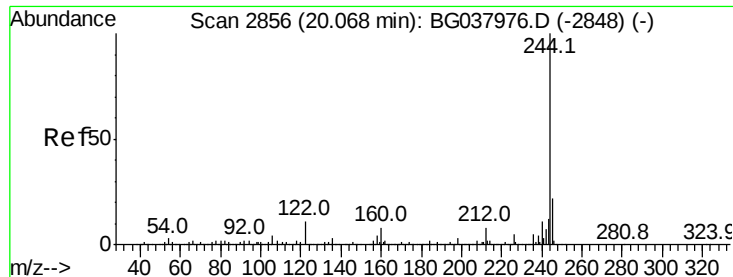


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.155 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Instrument :

BNA_G

ClientSampleId :

S8-0-0.5-BGS

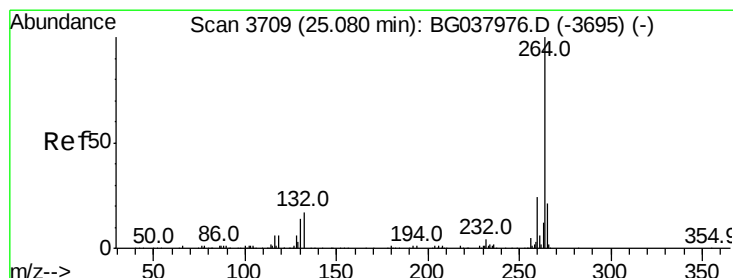
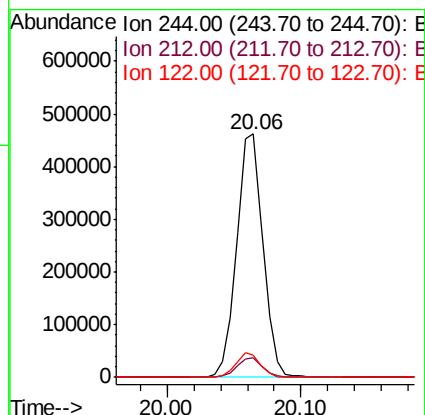
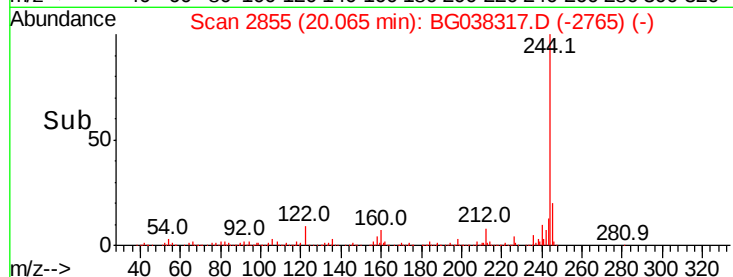
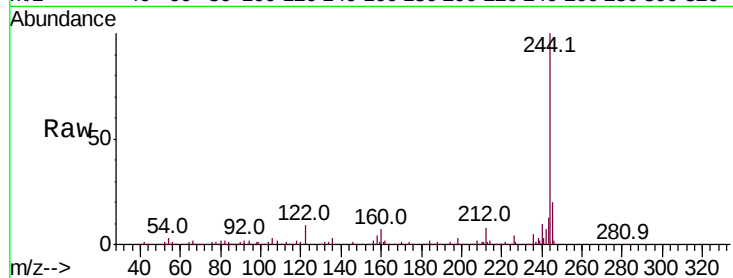
Tot Ion:244 Resp: 633229

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.9 9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038317.D

Acq: 4 Dec 2018 2:15

Tgt Ion:264 Resp: 192552

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 20.3 17.9 26.9

