

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038314.D
 Acq On : 4 Dec 2018 00:17
 Operator : JU/SJ
 Sample : J6179-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

Quant Time: Dec 04 06:10:27 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

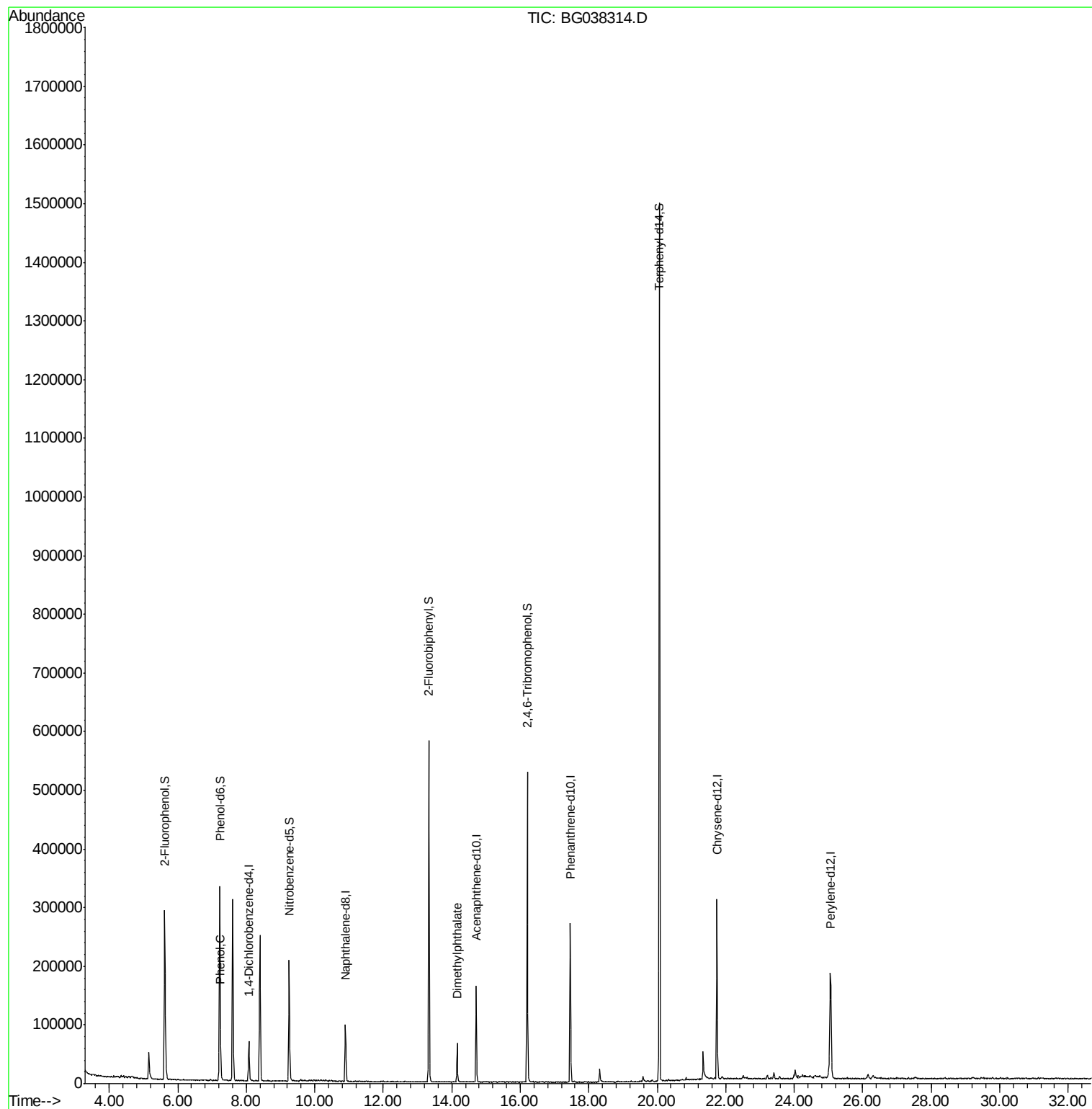
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20756	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	88128	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	60150	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	178791	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	189539	20.00	ng	-0.01
87) Perylene-d12	25.06	264	205156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	147368	122.59	ng	-0.01
7) Phenol-d6	7.22	99	210467	122.65	ng	0.00
23) Nitrobenzene-d5	9.25	82	134849	81.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	99276	144.72	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	318558	77.16	ng	-0.01
79) Terphenyl-d14	20.06	244	714769	88.73	ng	0.00
Target Compounds						
10) Phenol	7.25	94	15178	8.350	ng	Qvalue 92
50) Dimethylphthalate	14.16	163	47855	10.036	ng	# 97

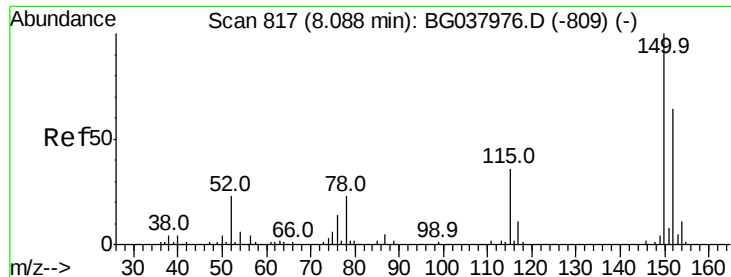
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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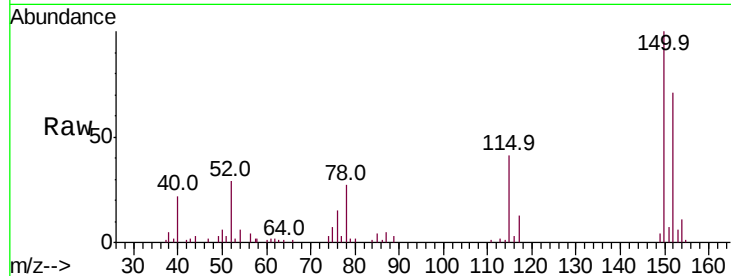


#1

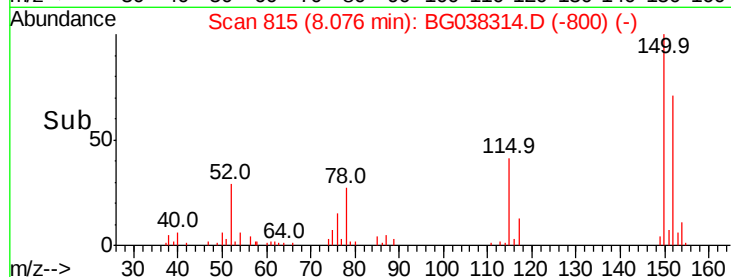
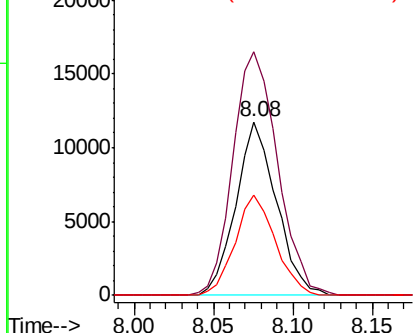
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

Tot Ion:152 Resp: 20756
 Ion Ratio Lower Upper
 152 100
 150 140.4 126.0 189.0
 115 57.5 45.5 68.3



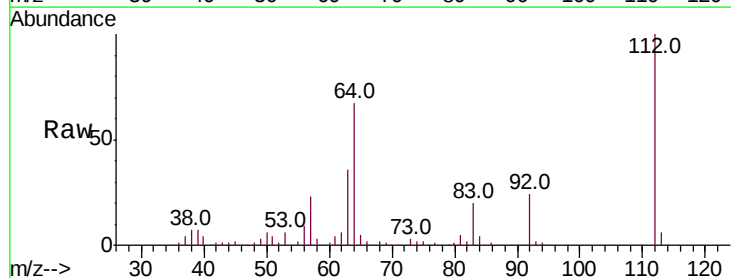
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



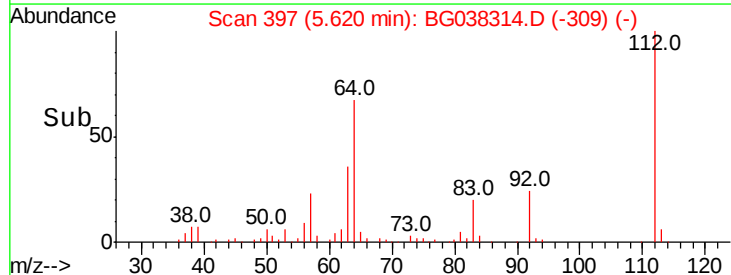
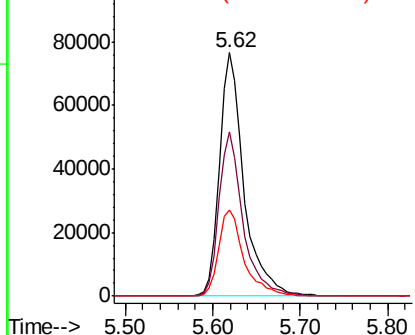
#5

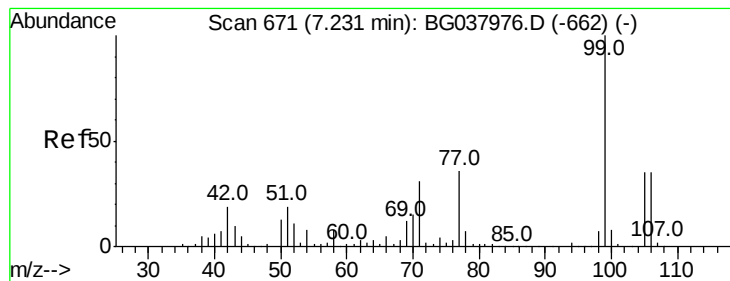
2-Fluorophenol
 Concen: 122.586 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Tgt Ion:112 Resp: 147368
 Ion Ratio Lower Upper
 112 100
 64 67.3 53.1 79.7
 63 35.6 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: 122.649 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

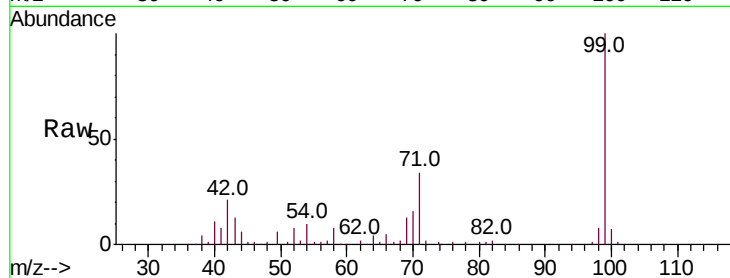
BNA_G

ClientSampleId :

S5-0-0.5-BGS

Tot Ion: 99 Resp: 210467

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.0	22.4
71	34.5	25.5	38.3

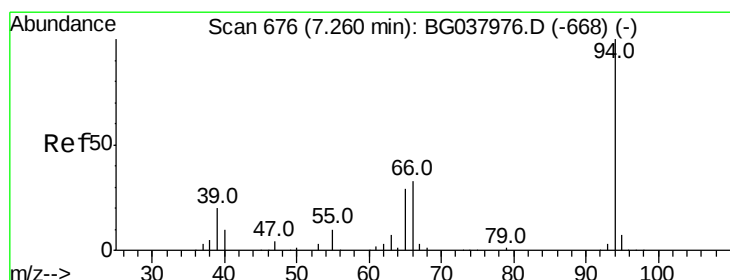
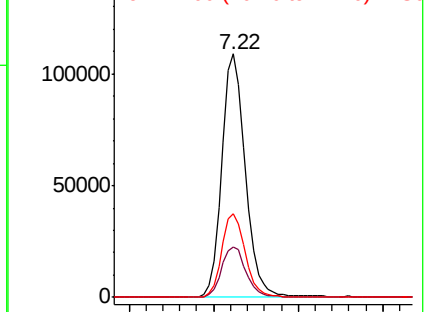
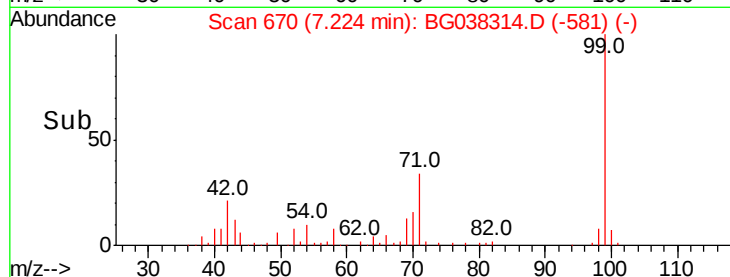


Abundance

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: 8.350 ng

RT: 7.25 min Scan# 675

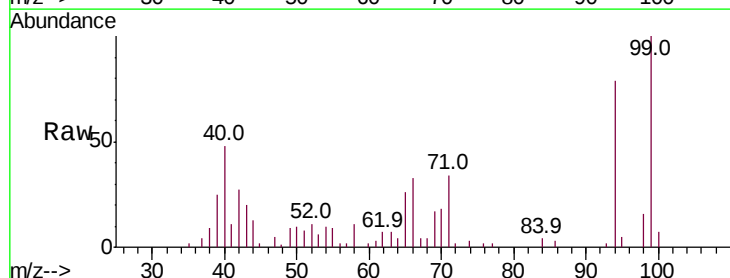
Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Tgt Ion: 94 Resp: 15178

Ion	Ratio	Lower	Upper
94	100		
65	33.5	9.7	49.7
66	41.6	15.9	55.9

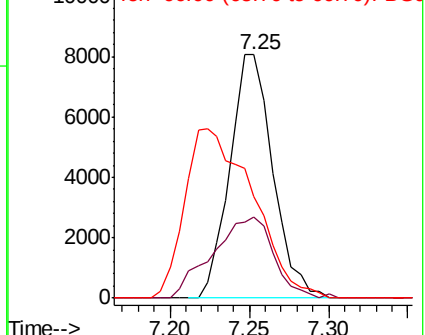
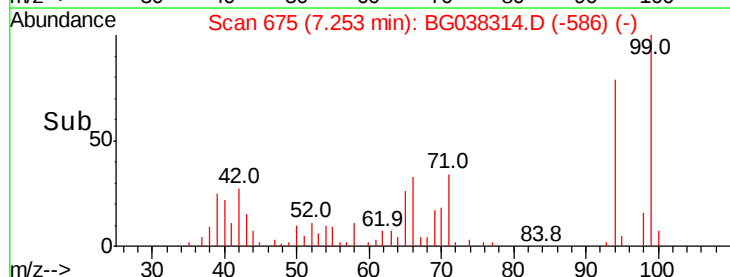


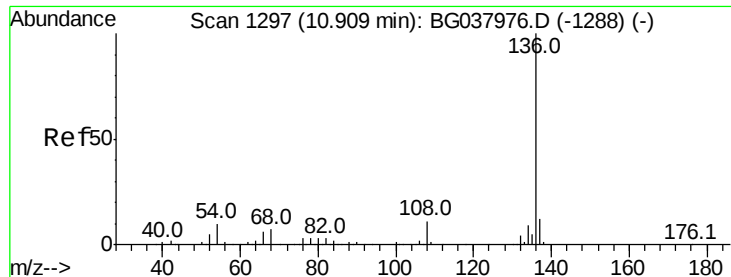
Abundance

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: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

Tot Ion:136 Resp: 88128

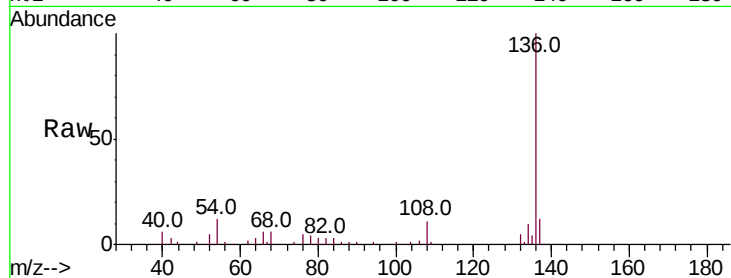
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 11.9 7.9 11.9

68 6.3 4.8 7.2

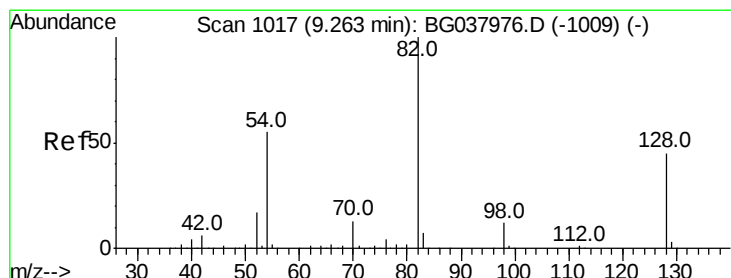
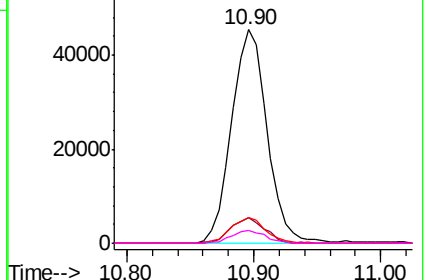
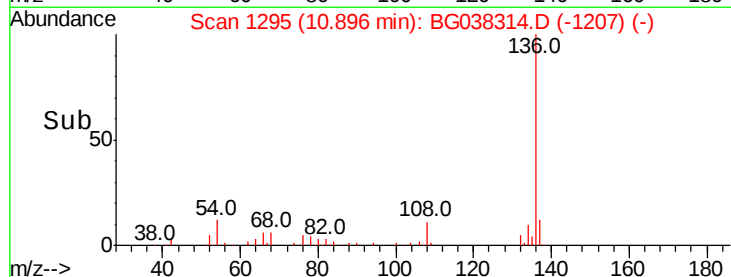


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.909 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

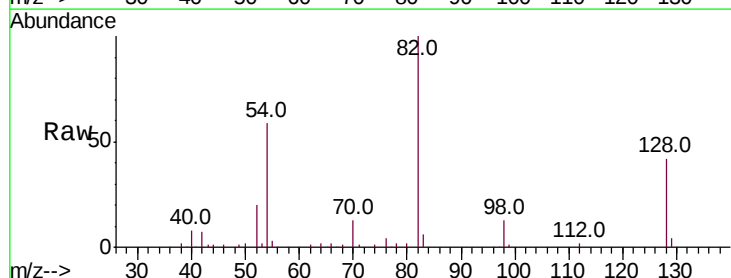
Tgt Ion: 82 Resp: 134849

Ion Ratio Lower Upper

82 100

128 42.1 34.6 51.8

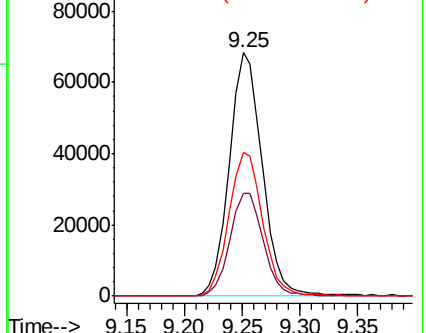
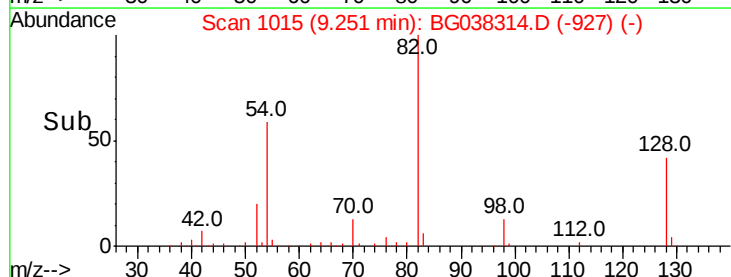
54 59.3 45.3 67.9



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# 1945

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

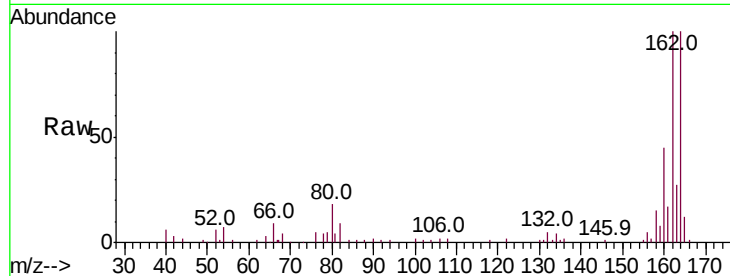
Tot Ion:164 Resp: 60150

Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

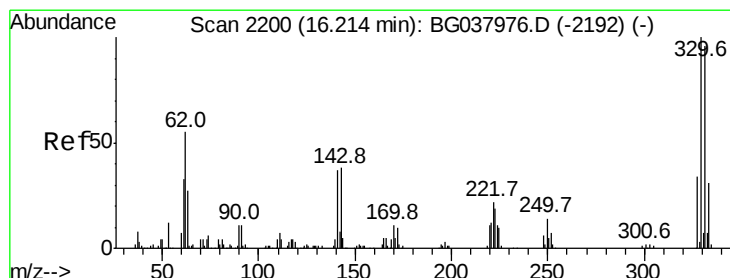
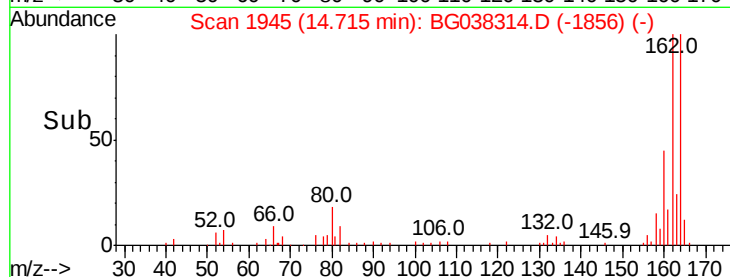
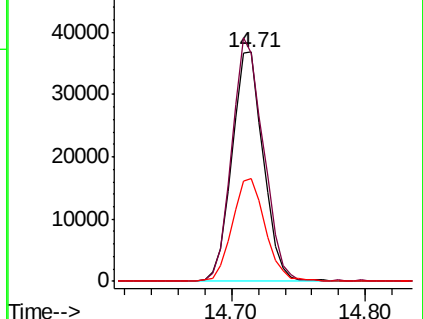
160 44.6 36.3 54.5



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: 144.718 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

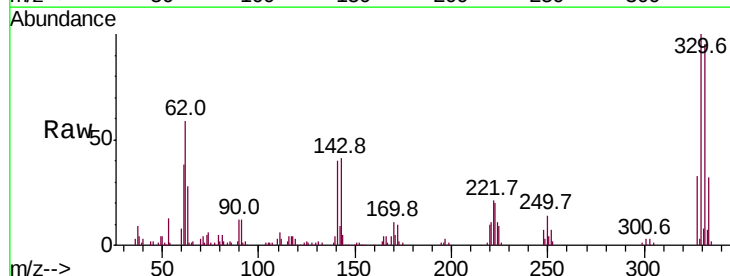
Tgt Ion:330 Resp: 99276

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

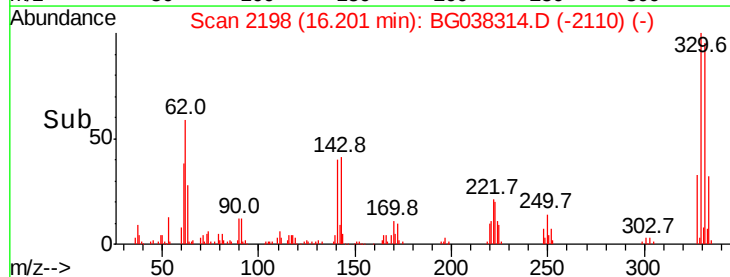
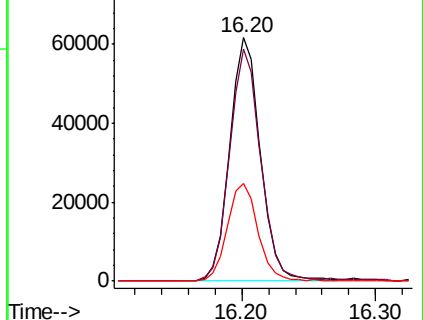
141 40.3 32.2 48.2



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

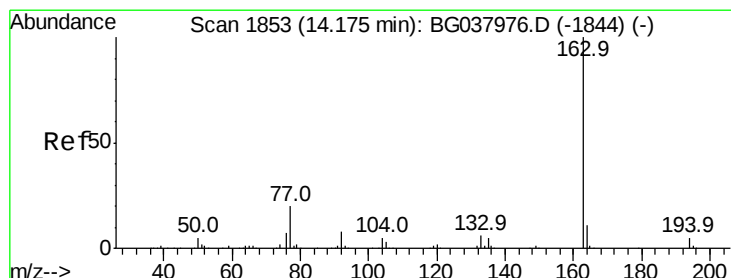
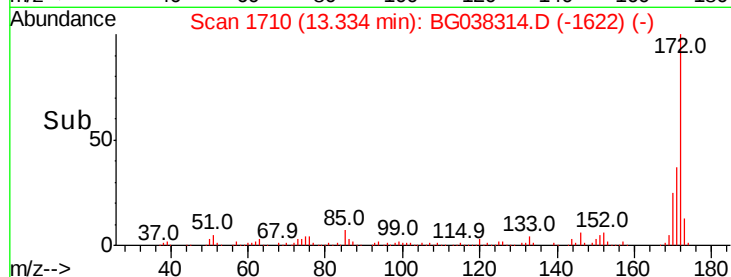
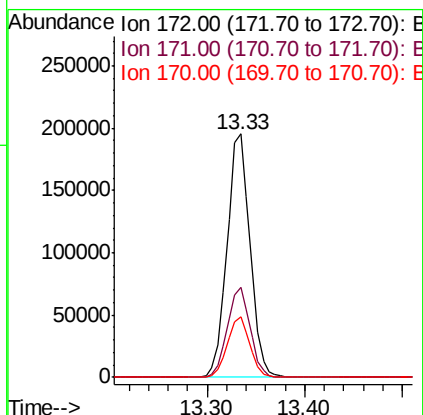
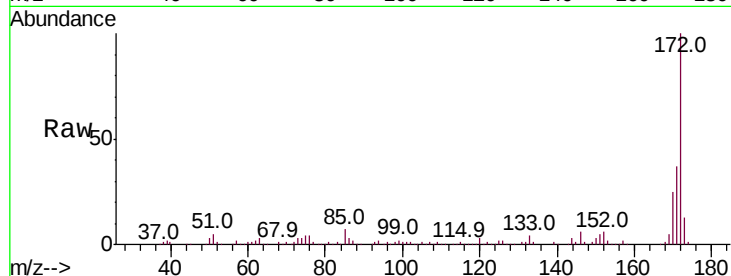




#45
 2-Fluorobiphenyl
 Concen: 77.156 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

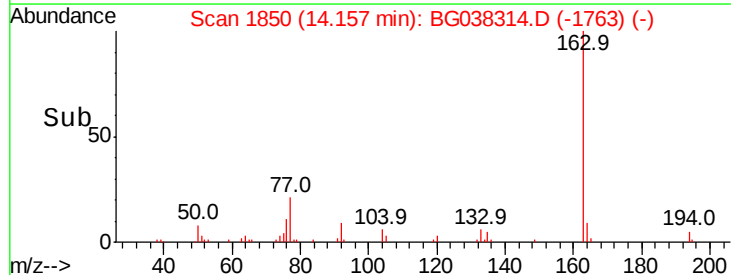
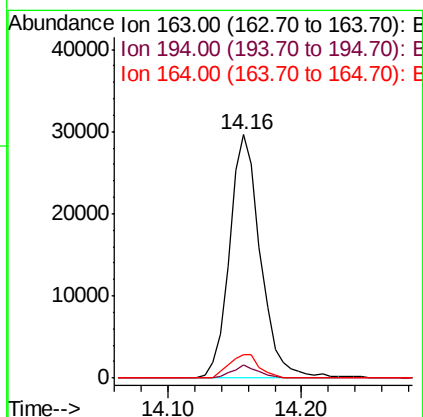
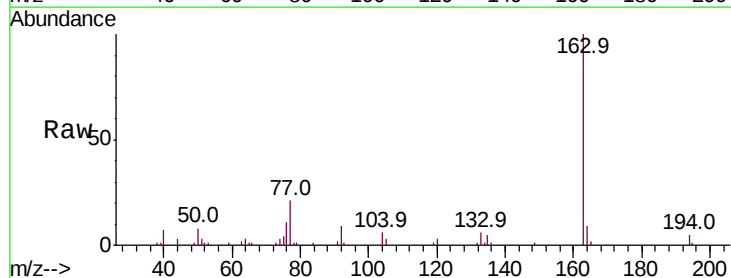
Instrument :
 BNA_G
 ClientSampleId :
 S5-0-0.5-BGS

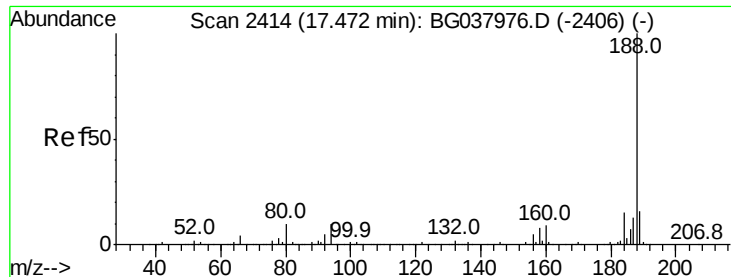
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	24.8	20.2	30.2



#50
 Dimethylphthalate
 Concen: 10.036 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG038314.D
 Acq: 4 Dec 2018 00:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.5	5.3#
164	9.5	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

BNA_G

ClientSampleId :

S5-0-0.5-BGS

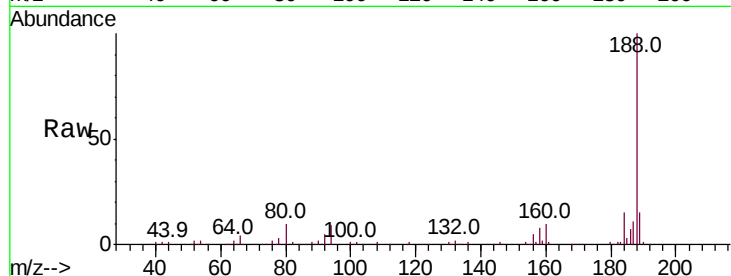
Tot Ion:188 Resp: 178791

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

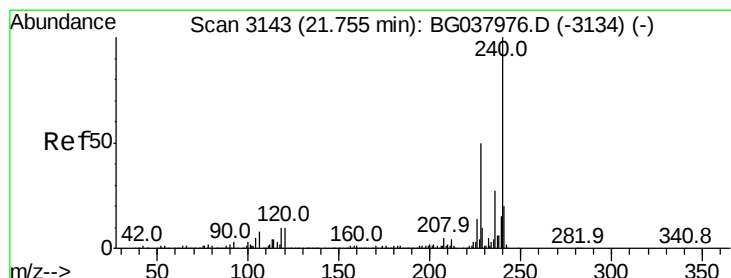
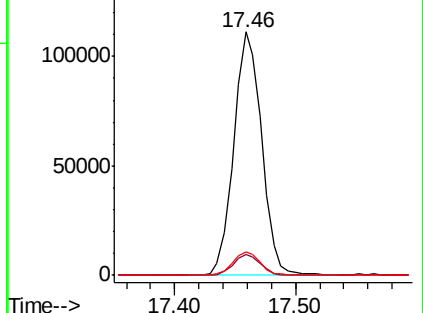
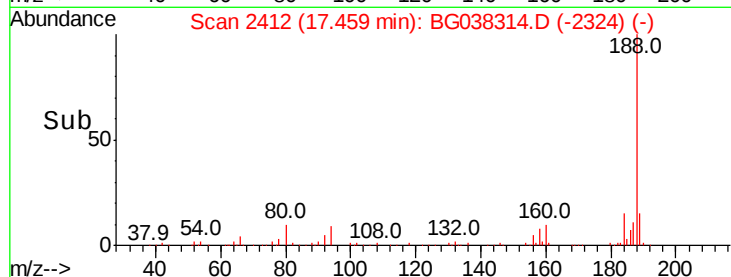
80 9.7 7.7 11.5



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: BG038314.D

Acq: 4 Dec 2018 00:17

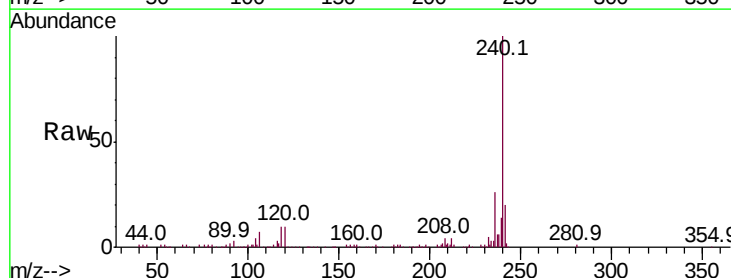
Tgt Ion:240 Resp: 189539

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

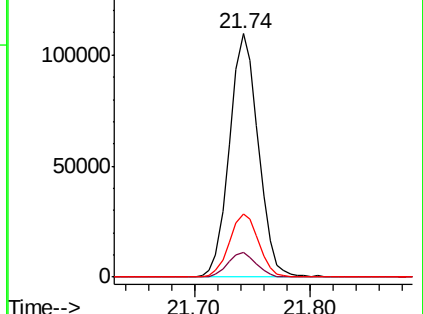
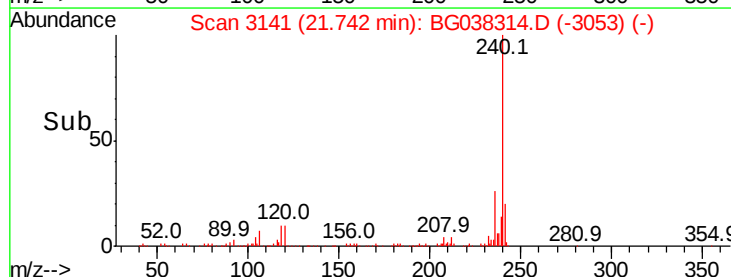
236 25.9 21.4 32.0

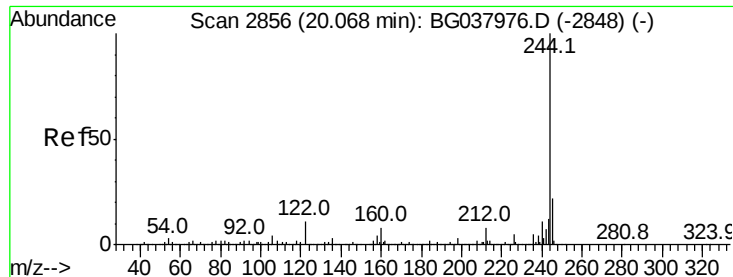


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.734 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Instrument :

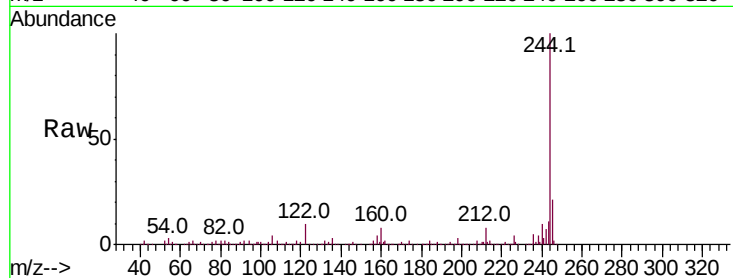
BNA_G

ClientSampleId :

S5-0-0.5-BGS

Tot Ion:244 Resp: 714769

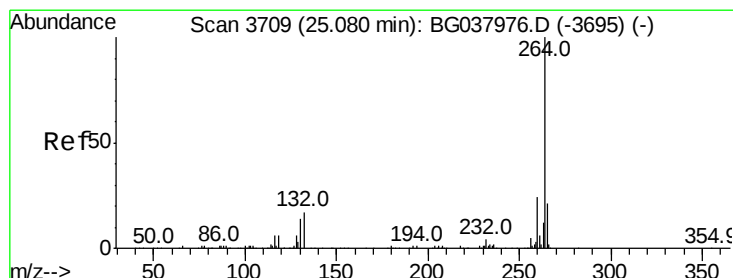
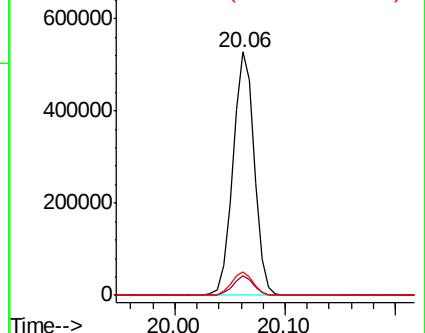
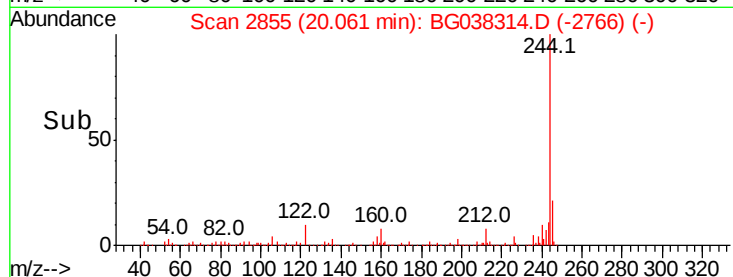
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.7	9.0	13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

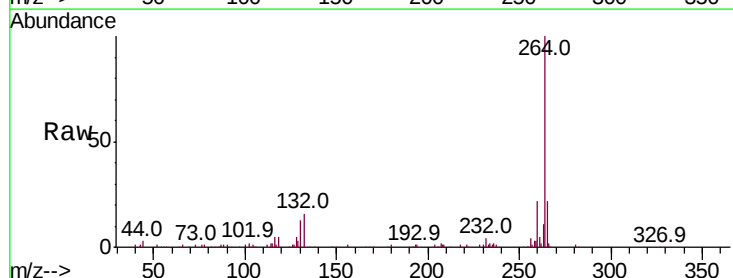
Delta R.T. -0.02 min

Lab File: BG038314.D

Acq: 4 Dec 2018 00:17

Tgt Ion:264 Resp: 205156

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	21.9	17.9	26.9



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

