

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038313.D
 Acq On : 3 Dec 2018 23:38
 Operator : JU/SJ
 Sample : J6179-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-0-0.5-BGS

Quant Time: Dec 04 06:08:08 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

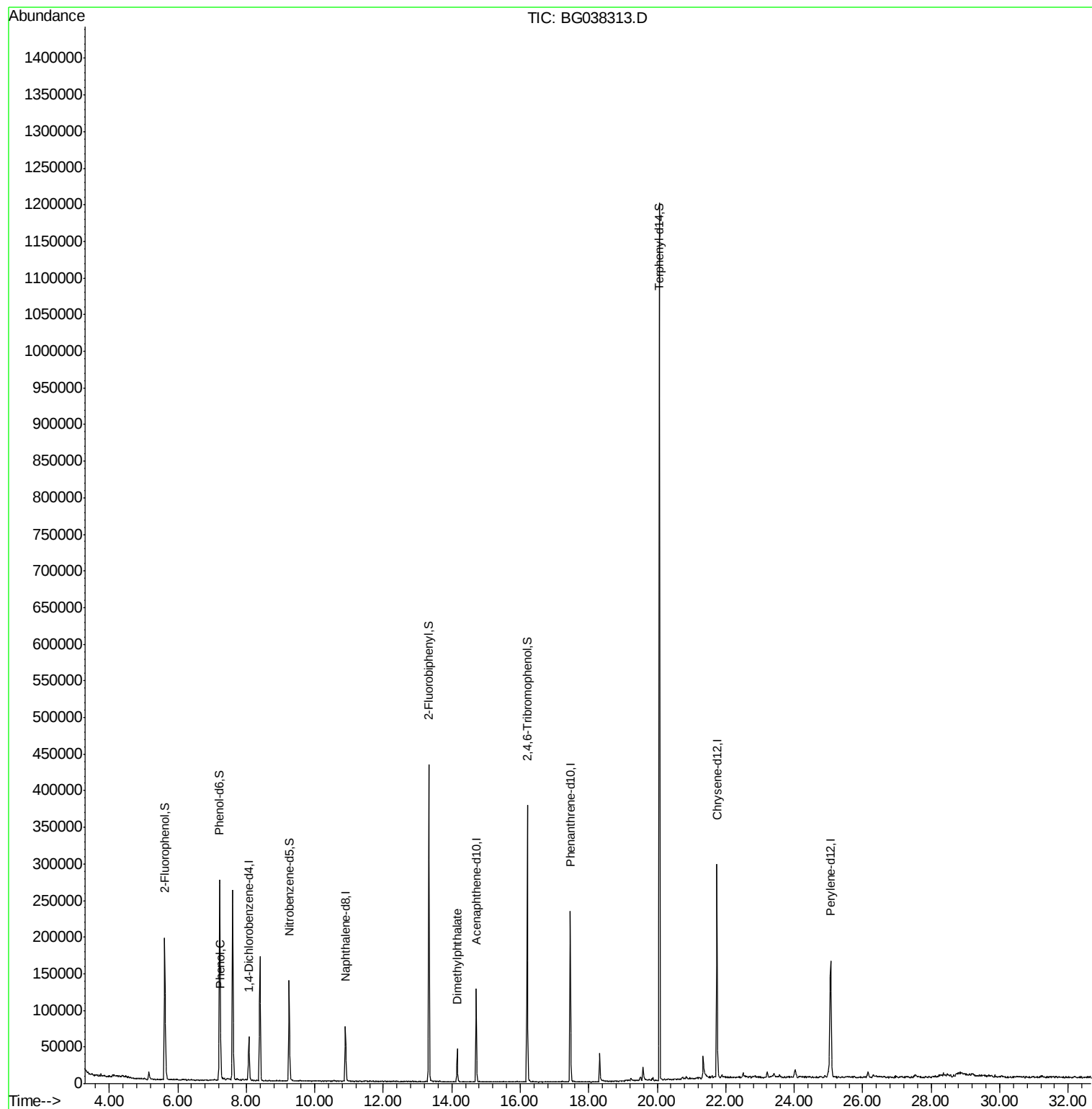
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19155	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	69898	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	47550	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	150609	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	174609	20.00	ng	-0.01
87) Perylene-d12	25.06	264	179995	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	101948	91.89	ng	-0.01
7) Phenol-d6	7.22	99	180025	113.68	ng	-0.01
23) Nitrobenzene-d5	9.25	82	91240	69.87	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	72096	132.95	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	237278	72.70	ng	-0.02
79) Terphenyl-d14	20.06	244	577590	77.84	ng	0.00
Target Compounds						
10) Phenol	7.25	94	14459	8.620	ng	93
50) Dimethylphthalate	14.16	163	34905	9.259	ng	99

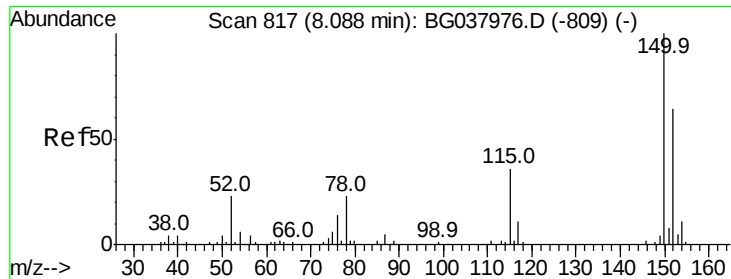
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

BNA_G

ClientSampleId :

S4-0-0.5-BGS

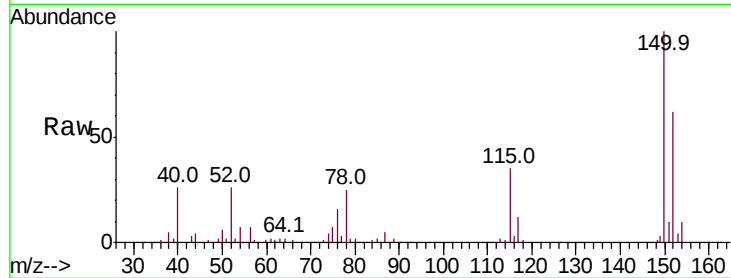
Tot Ion:152 Resp: 19155

Ion Ratio Lower Upper

152 100

150 161.5 126.0 189.0

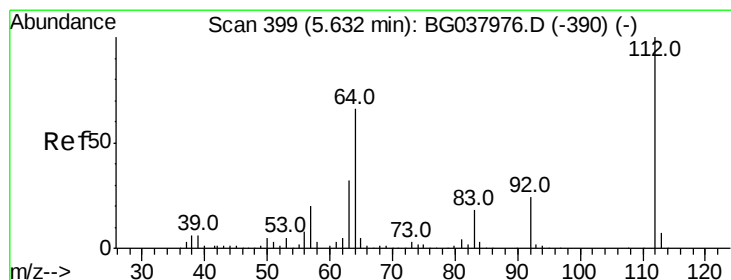
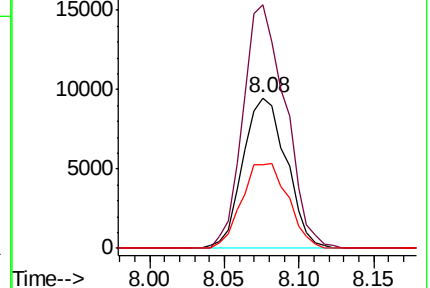
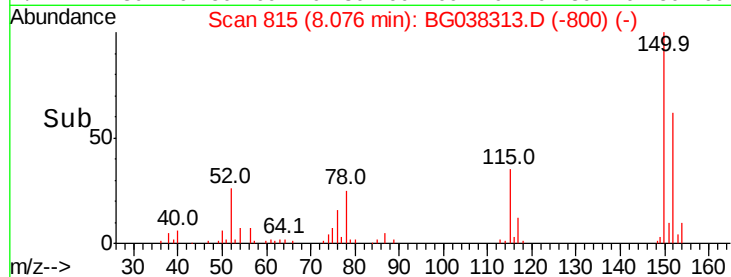
115 55.8 45.5 68.3



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: 91.892 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

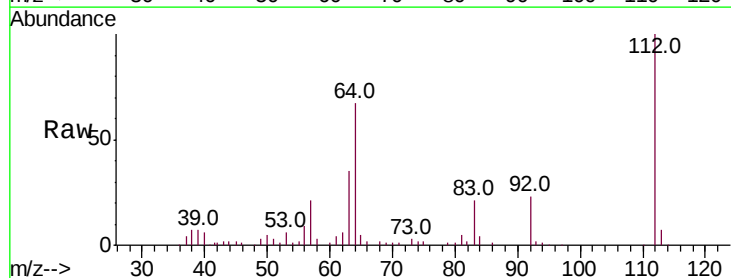
Tgt Ion:112 Resp: 101948

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

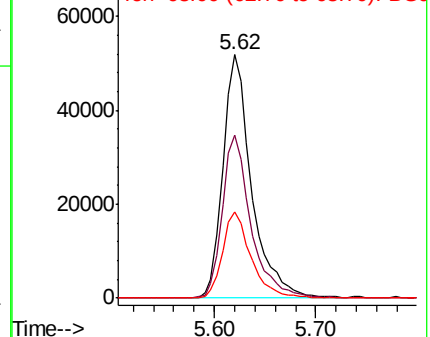
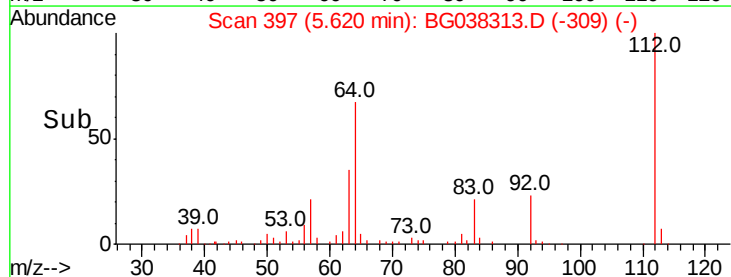
63 35.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.678 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

BNA_G

ClientSampleId :

S4-0-0.5-BGS

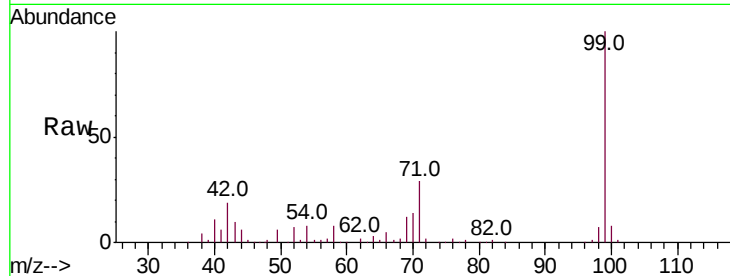
Tot Ion: 99 Resp: 180025

Ion Ratio Lower Upper

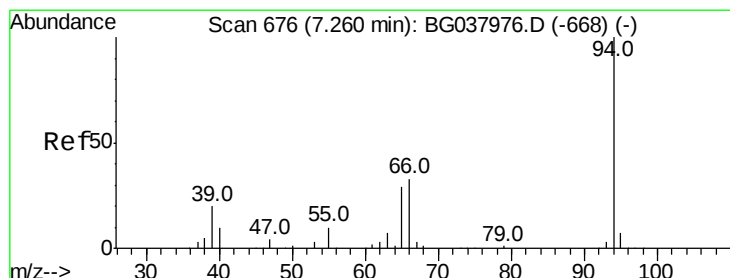
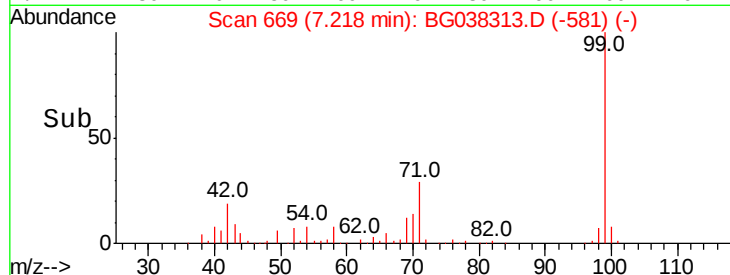
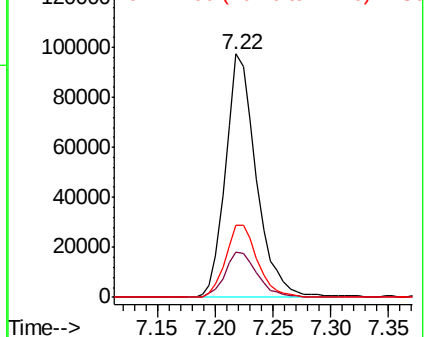
99 100

42 18.5 15.0 22.4

71 29.4 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: 8.620 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

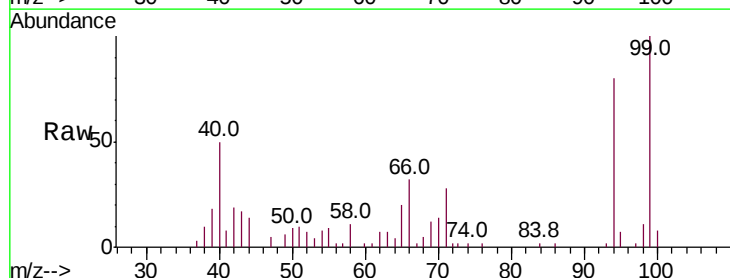
Tgt Ion: 94 Resp: 14459

Ion Ratio Lower Upper

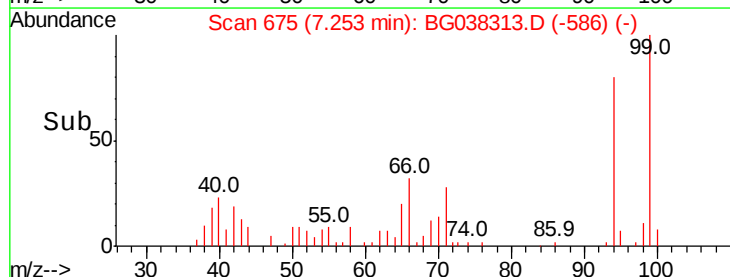
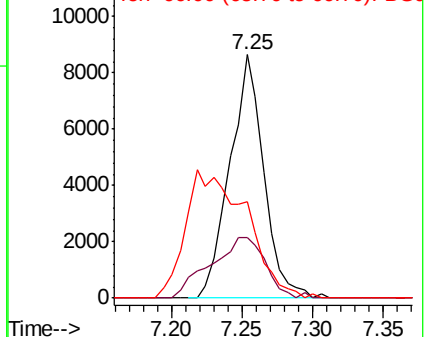
94 100

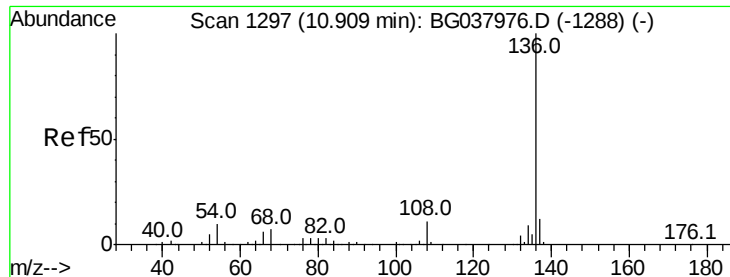
65 24.8 9.7 49.7

66 39.5 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: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

BNA_G

ClientSampleId :

S4-0-0.5-BGS

Tot Ion:136 Resp: 69898

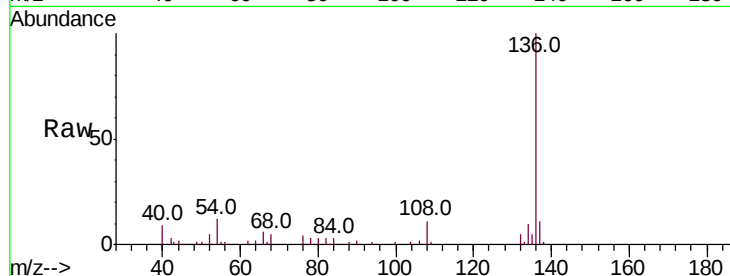
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 11.6 7.9 11.9

68 4.9 4.8 7.2

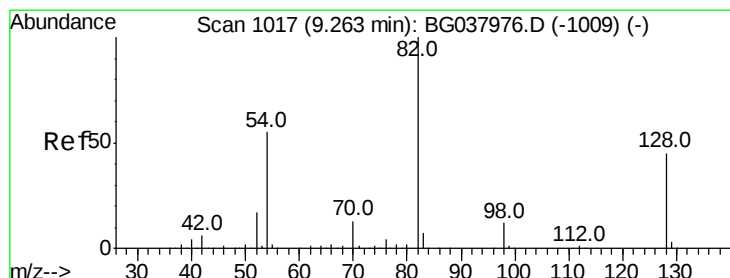
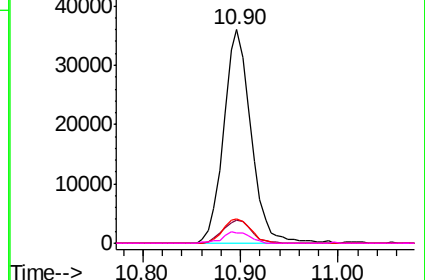
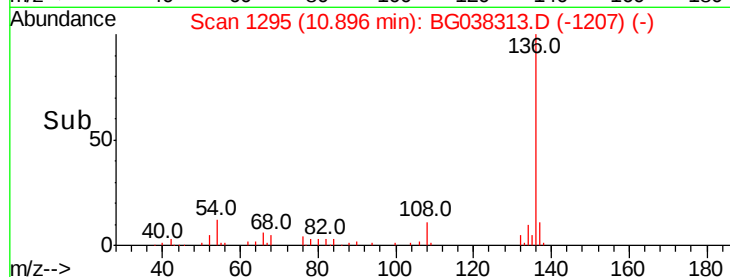


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.875 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

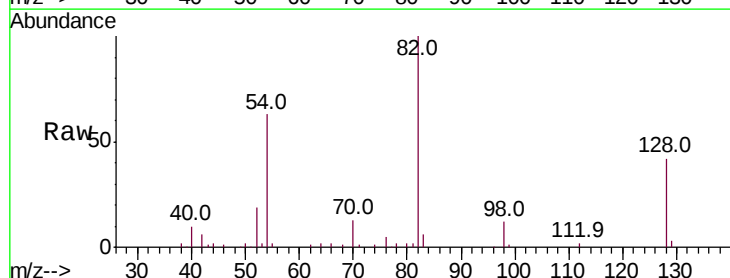
Tgt Ion: 82 Resp: 91240

Ion Ratio Lower Upper

82 100

128 41.7 34.6 51.8

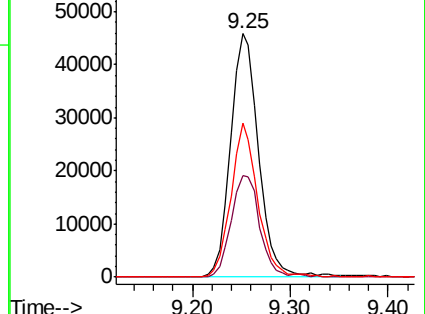
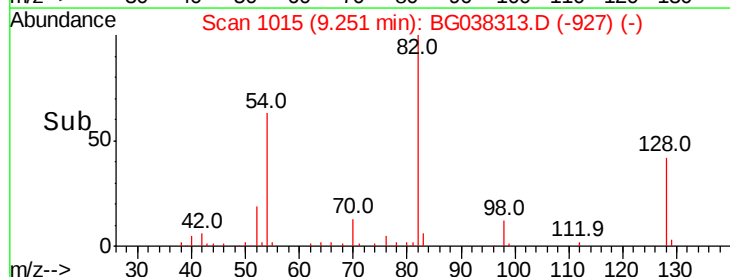
54 63.1 45.3 67.9



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: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

BNA_G

ClientSampleId :

S4-0-0.5-BGS

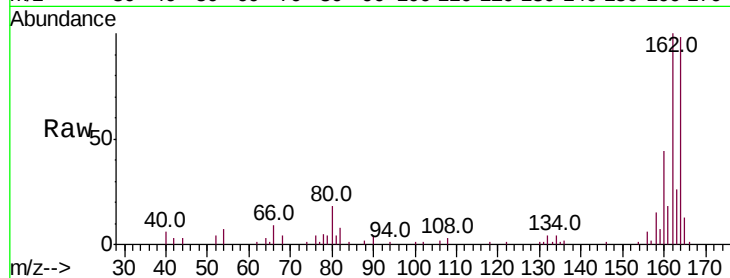
Tot Ion:164 Resp: 47550

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

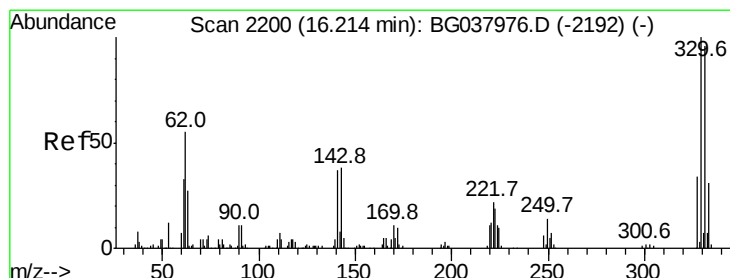
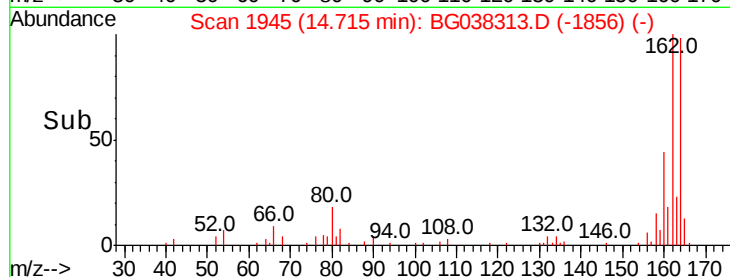
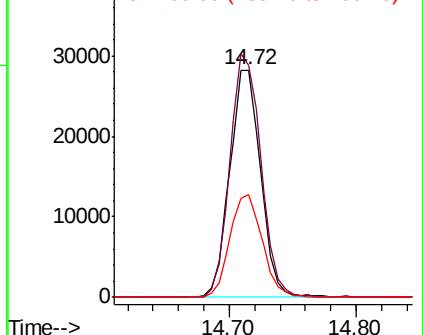
160 45.1 36.3 54.5



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: 132.946 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

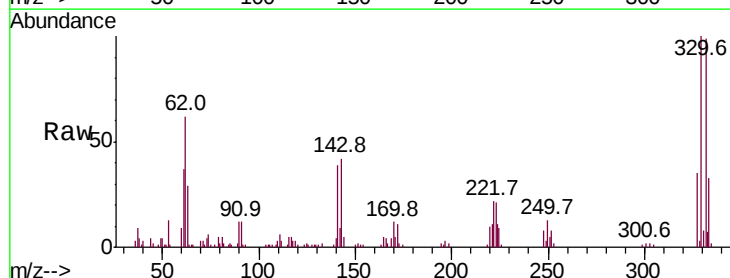
Tgt Ion:330 Resp: 72096

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

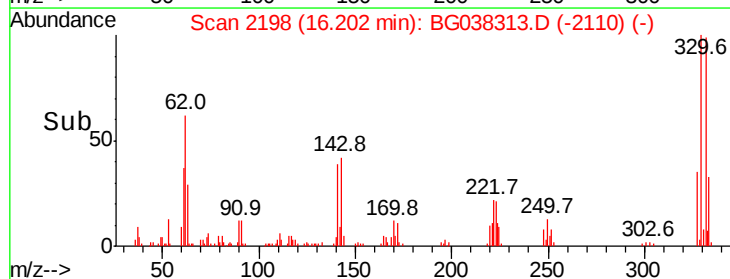
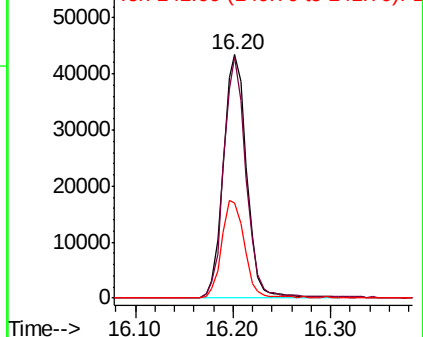
141 39.2 32.2 48.2



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: 72.698 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

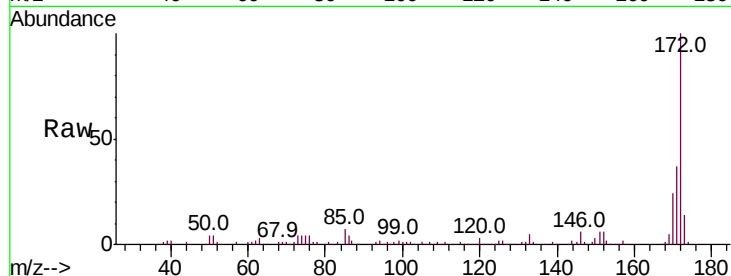
BNA_G

ClientSampleId :

S4-0-0.5-BGS

Tot Ion:172 Resp: 237278

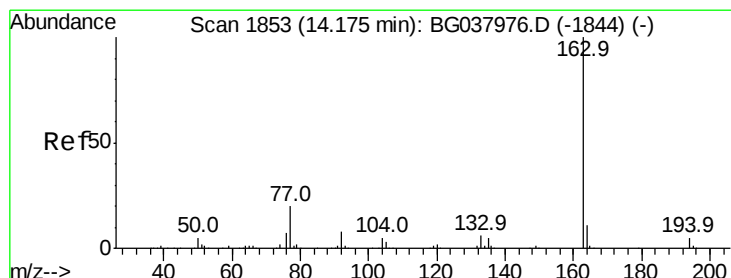
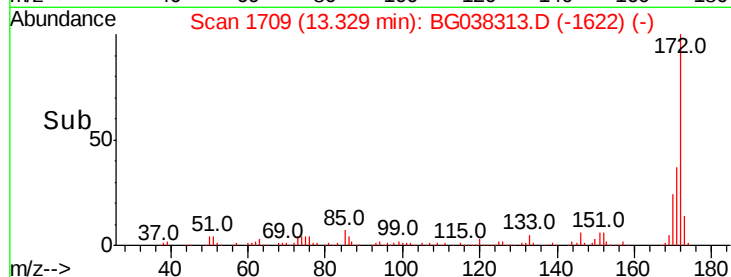
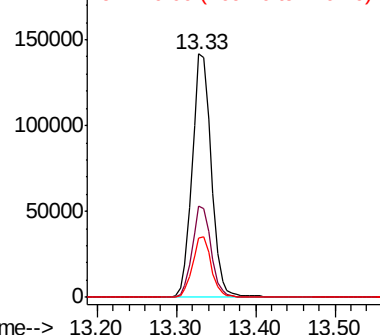
Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.3	20.2	30.2



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



#50

Dimethylphthalate

Concen: 9.259 ng

RT: 14.16 min Scan# 1850

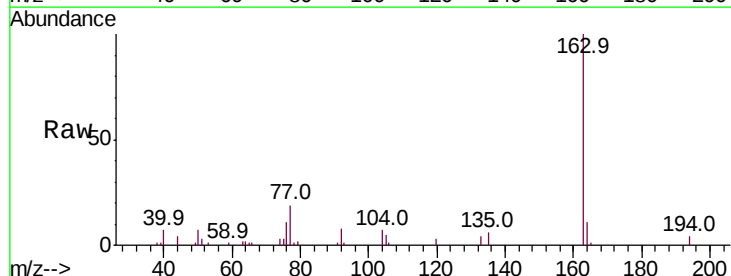
Delta R.T. -0.02 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Tgt Ion:163 Resp: 34905

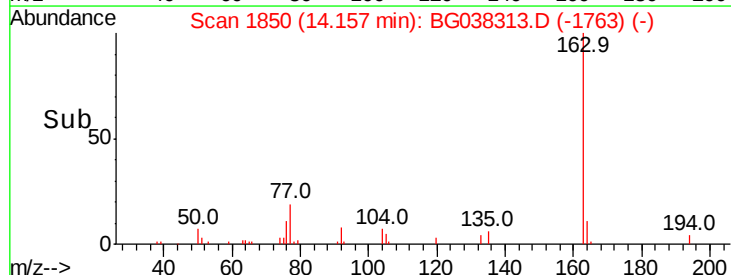
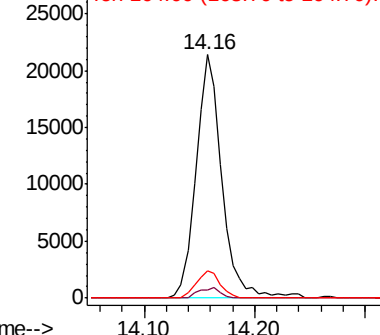
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	11.0	8.5	12.7

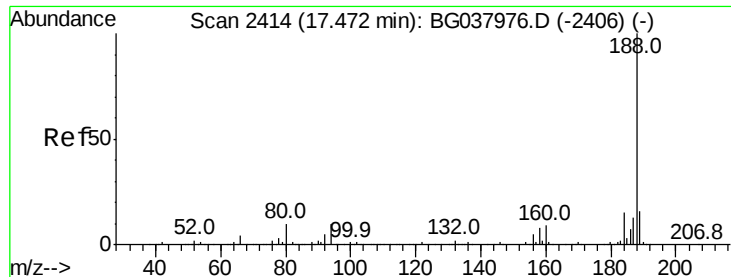


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

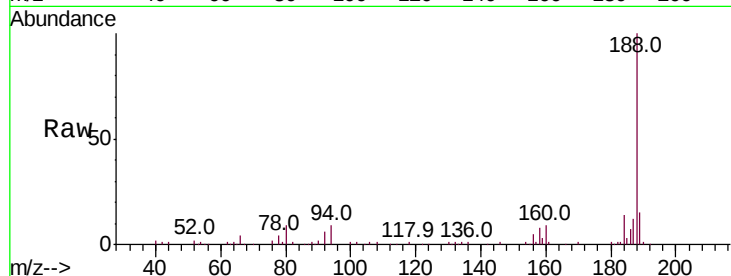




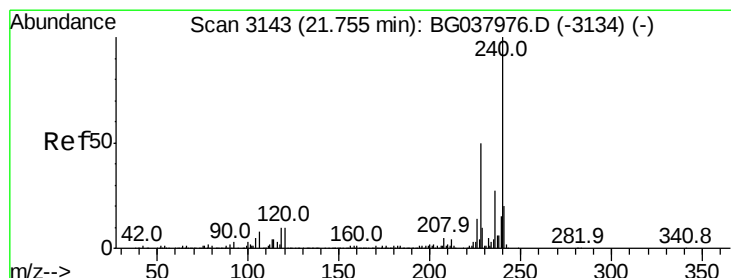
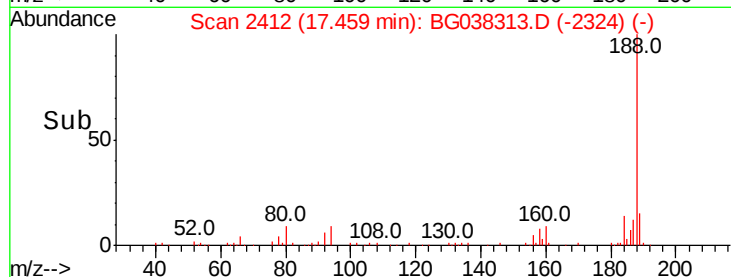
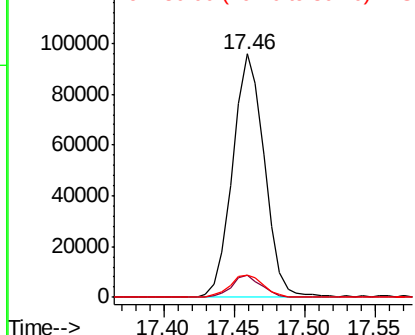
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038313.D
Acq: 3 Dec 2018 23:38

Instrument :
BNA_G
ClientSampleId :
S4-0-0.5-BGS

Tot Ion:188 Resp: 150609
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.1 7.7 11.5

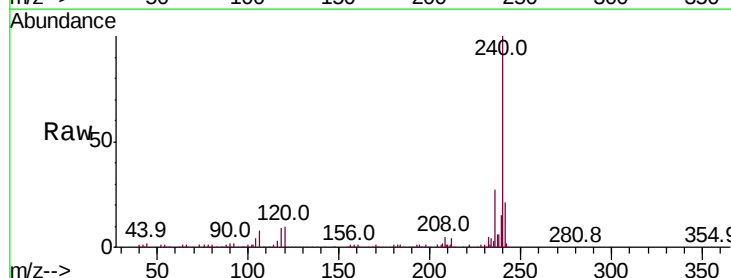


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

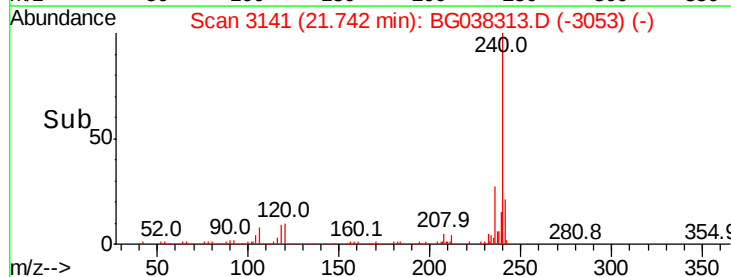
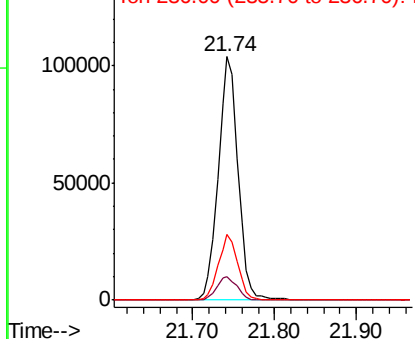


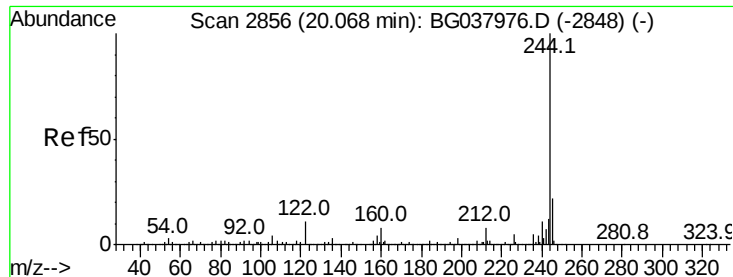
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038313.D
Acq: 3 Dec 2018 23:38

Tgt Ion:240 Resp: 174609
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 27.1 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: 77.835 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Instrument :

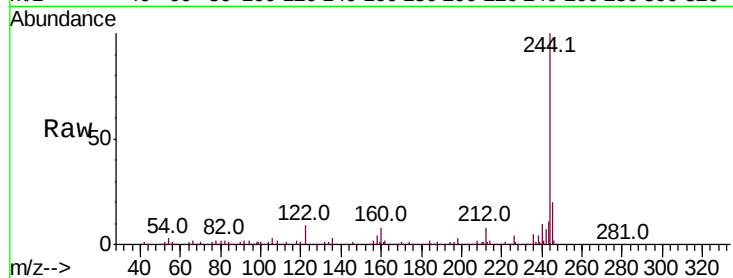
BNA_G

ClientSampleId :

S4-0-0.5-BGS

Tot Ion:244 Resp: 577590

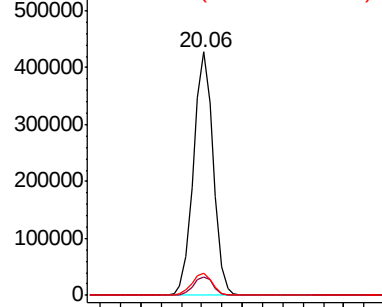
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	9.3	9.0	13.4



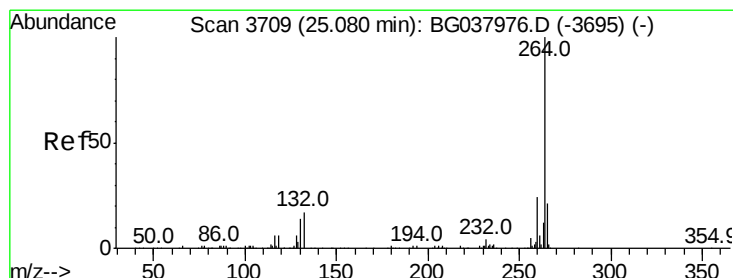
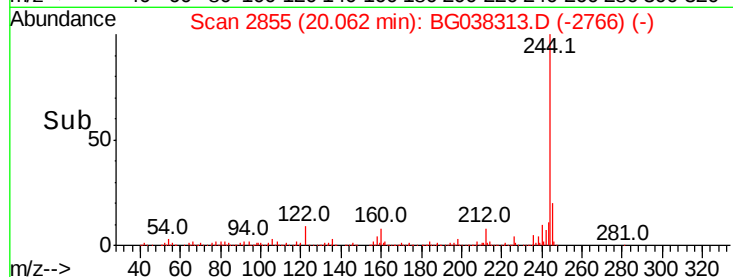
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

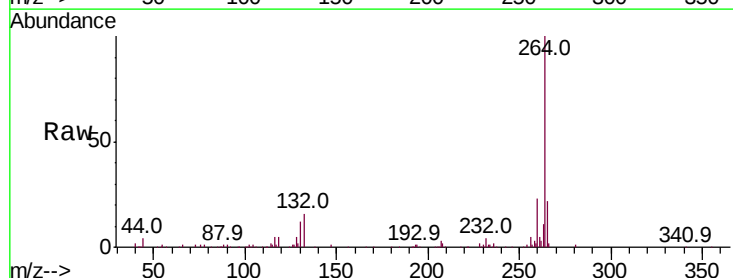
Delta R.T. -0.02 min

Lab File: BG038313.D

Acq: 3 Dec 2018 23:38

Tgt Ion:264 Resp: 179995

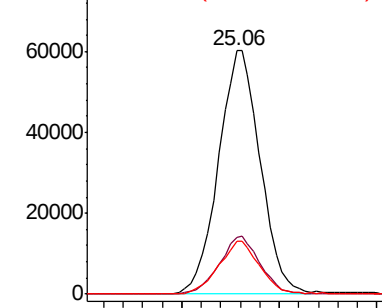
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.0	17.9	26.9



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



Time-->

