

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038038.D
 Acq On : 16 Nov 2018 18:00
 Operator : JU/SJ
 Sample : J5965-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB111418

Quant Time: Nov 17 02:56:50 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	43349	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	190363	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120977	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278634	20.00	ng	0.00
76) Chrysene-d12	21.75	240	265596	20.00	ng	0.00
87) Perylene-d12	25.07	264	269808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	148254	59.05	ng	0.00
7) Phenol-d6	7.23	99	127254	35.51	ng	0.00
23) Nitrobenzene-d5	9.27	82	306474	86.18	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	167048	121.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	709151	85.40	ng	0.00
79) Terphenyl-d14	20.07	244	1072287	95.00	ng	0.00

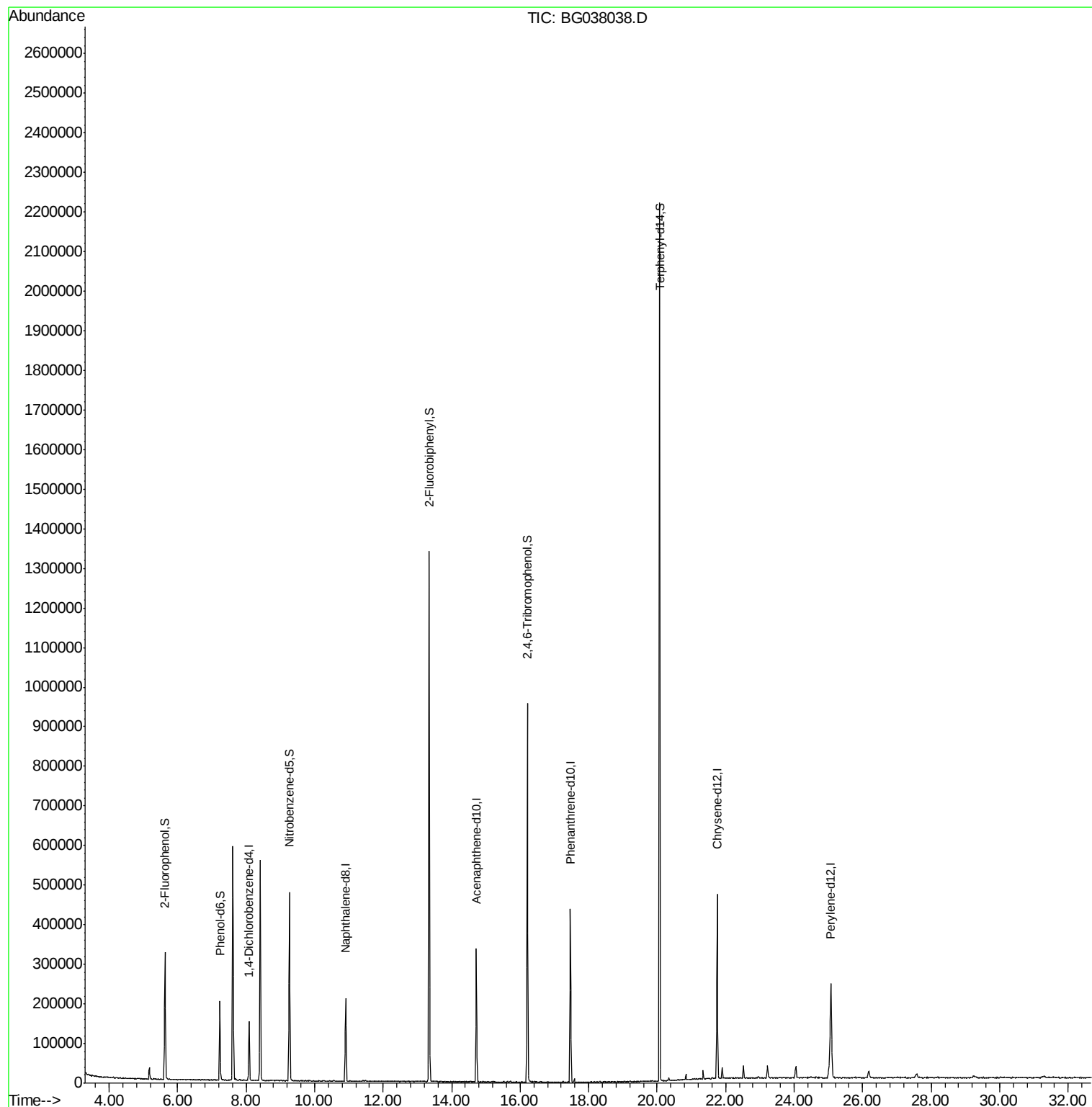
Target Compounds Qvalue

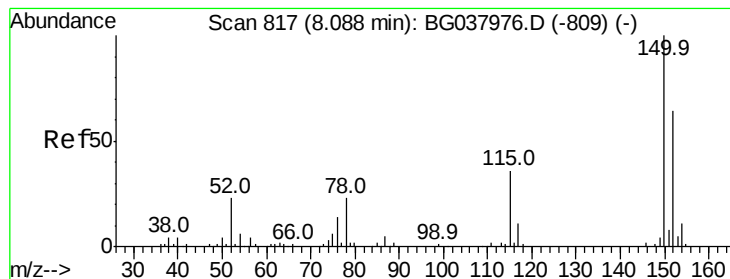
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 13 16:39:28 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

FB111418

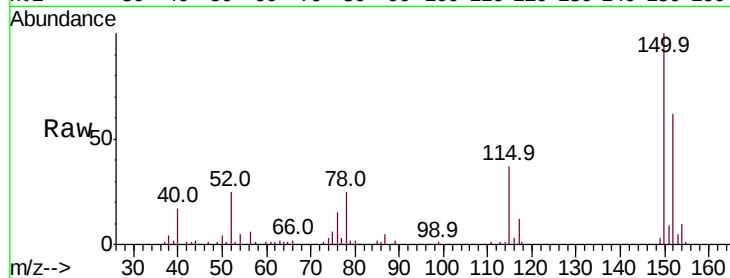
Tot Ion:152 Resp: 43349

Ion Ratio Lower Upper

152 100

150 161.0 126.0 189.0

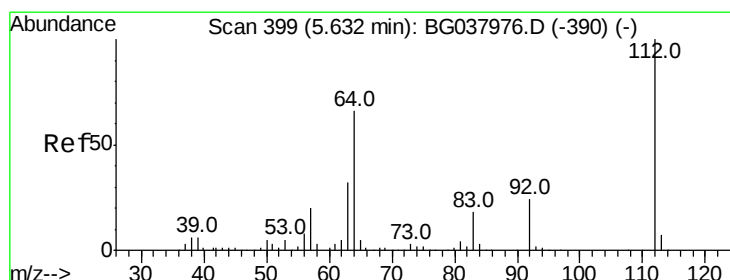
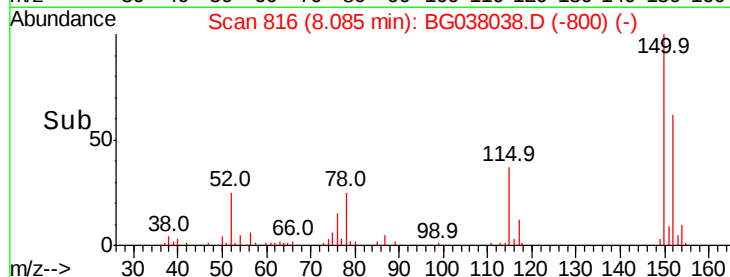
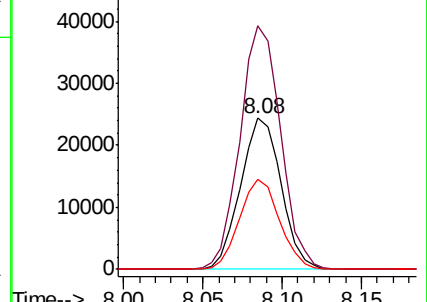
115 59.4 45.5 68.3



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: 59.049 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

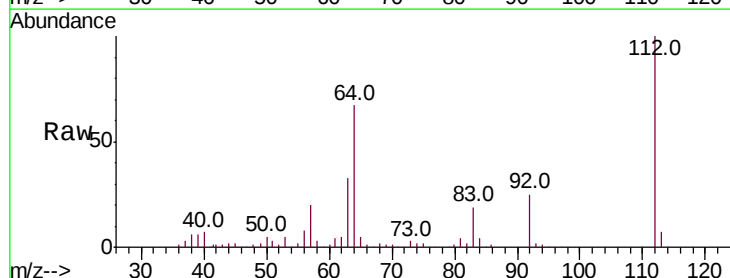
Tgt Ion:112 Resp: 148254

Ion Ratio Lower Upper

112 100

64 67.1 53.1 79.7

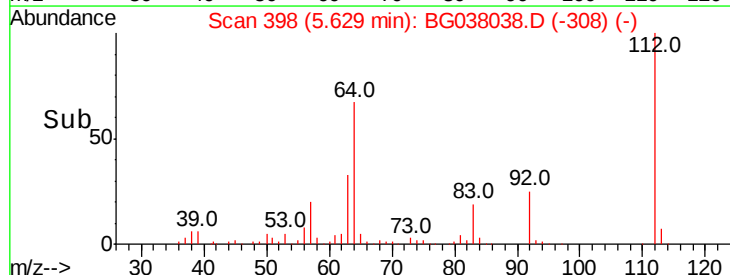
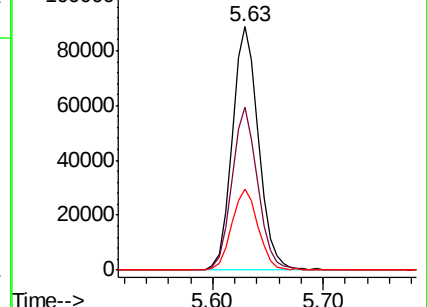
63 33.2 27.3 40.9

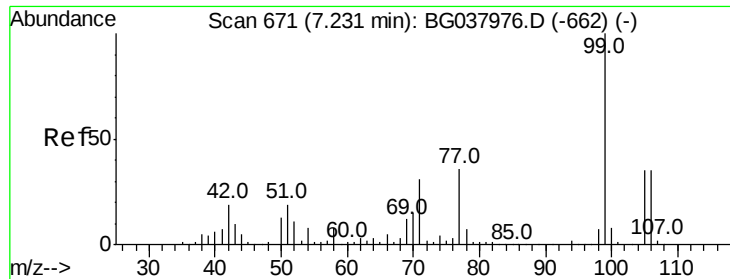


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 35.507 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

FB111418

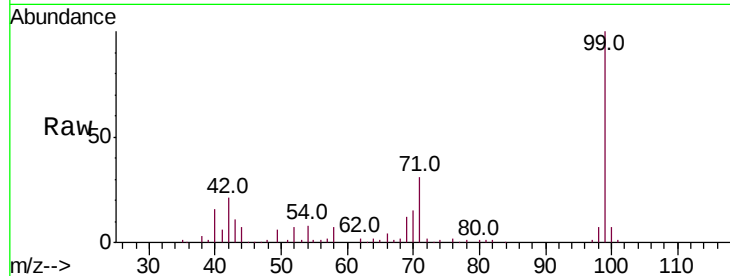
Tot Ion: 99 Resp: 127254

Ion Ratio Lower Upper

99 100

42 20.5 15.0 22.4

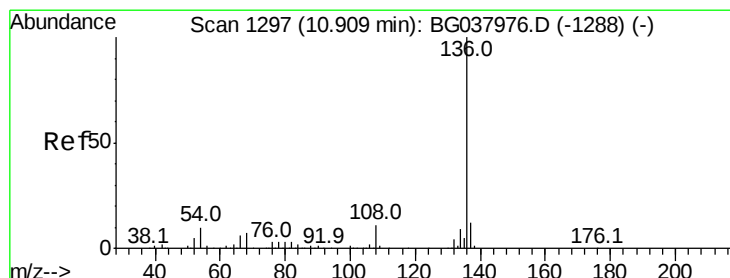
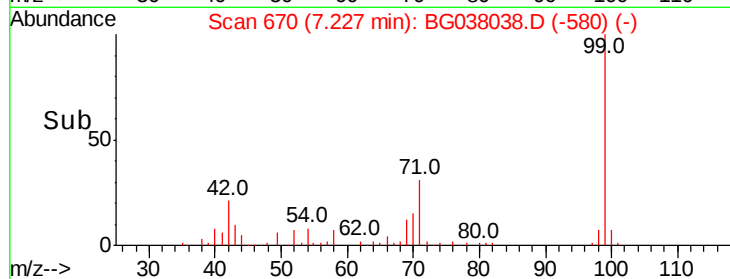
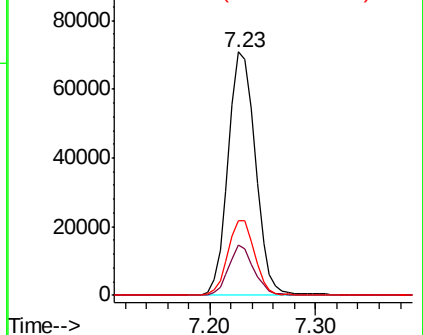
71 30.9 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Tgt Ion: 136 Resp: 190363

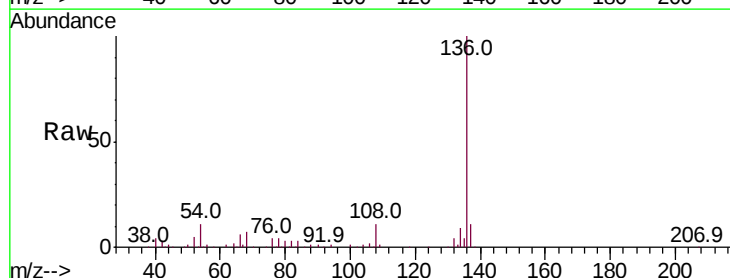
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.5 7.9 11.9

68 7.1 4.8 7.2

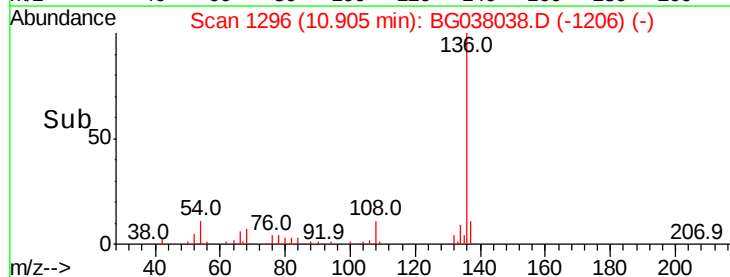
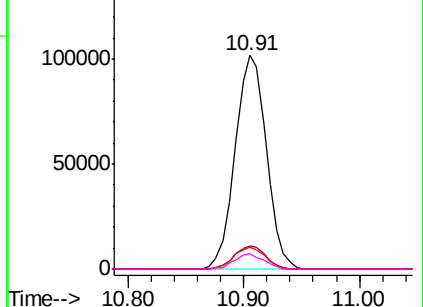


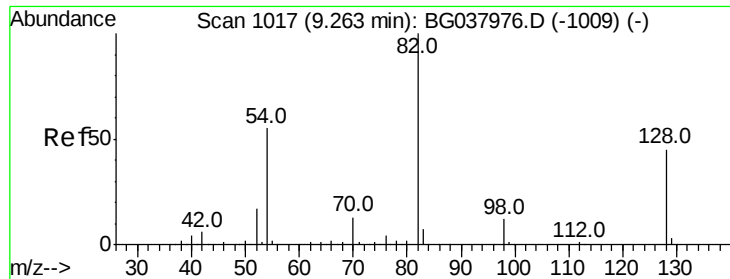
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

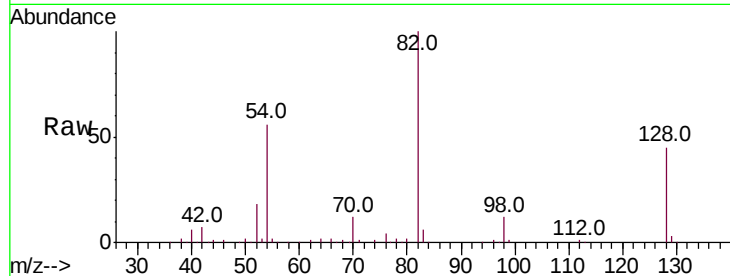




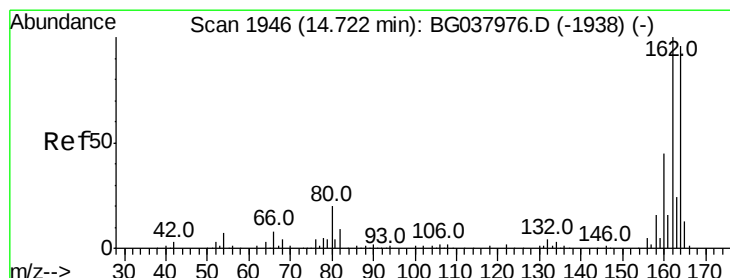
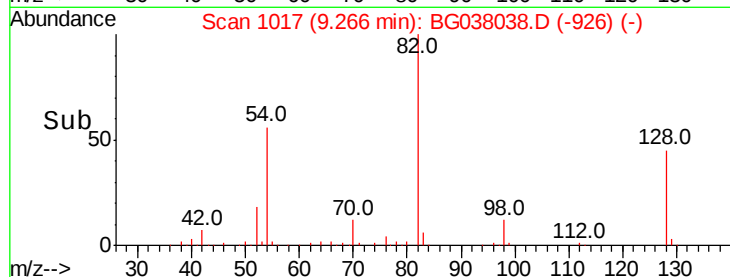
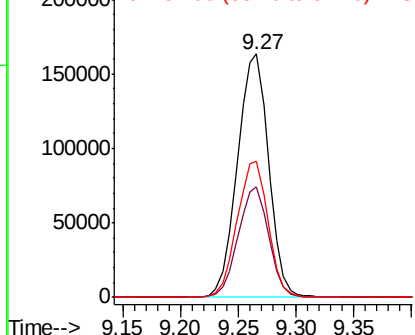
#23
Nitrobenzene-d5
Concen: 86.181 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038038.D
Acq: 16 Nov 2018 18:00

Instrument :
BNA_G
ClientSampleId :
FB111418

Tot Ion: 82 Resp: 306474
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 55.9 45.3 67.9

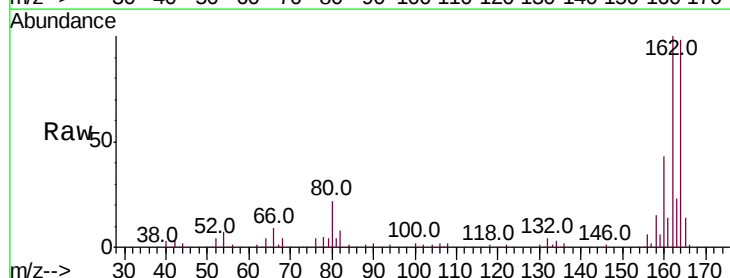


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

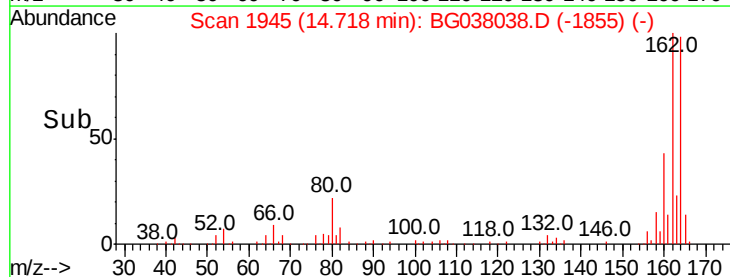
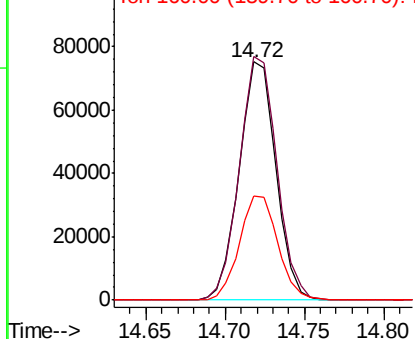


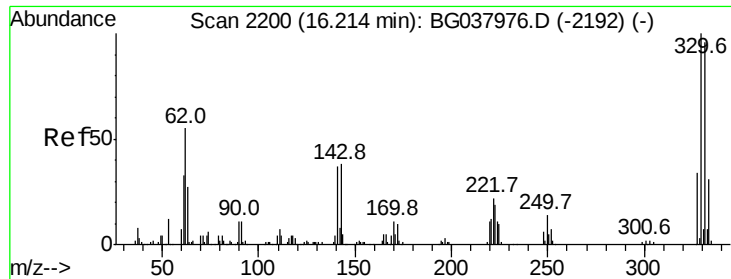
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038038.D
Acq: 16 Nov 2018 18:00

Tgt Ion:164 Resp: 120977
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

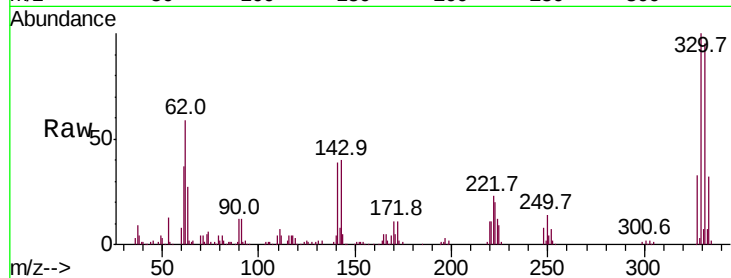




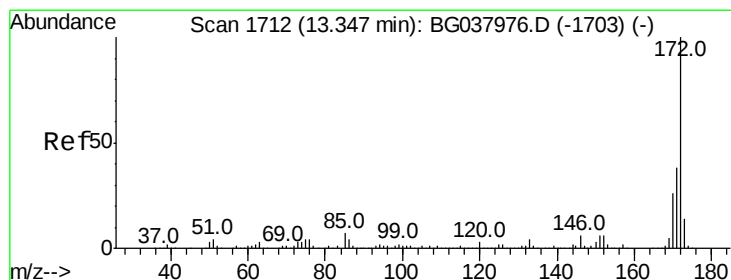
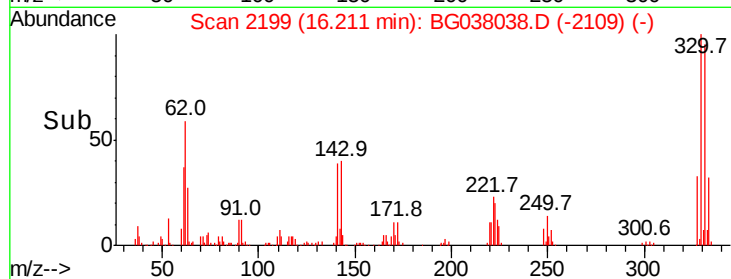
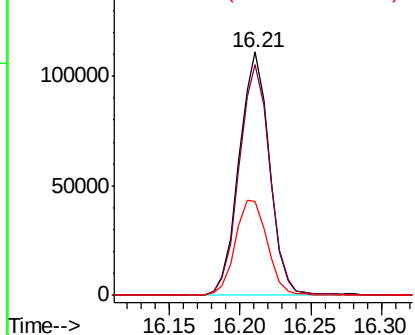
#42
 2,4,6-Tribromophenol
 Concen: 121.074 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Instrument :
 BNA_G
 ClientSampled :
 FB111418

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	41.2	32.2	48.2

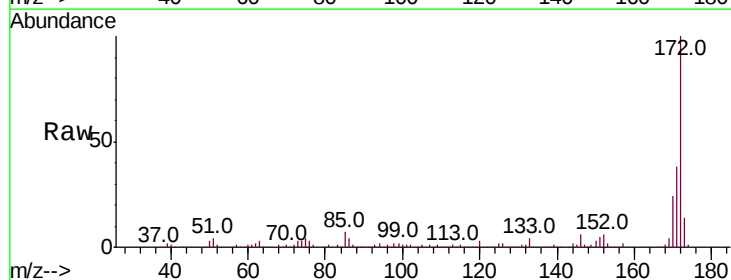


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

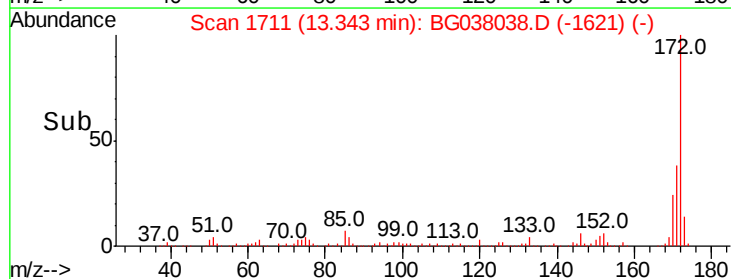
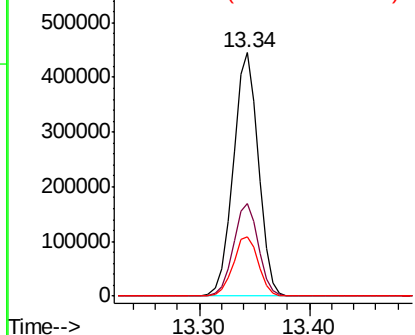


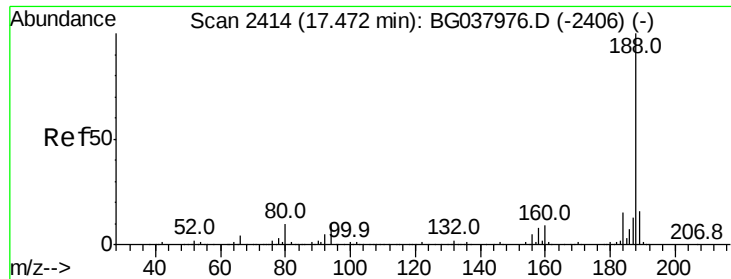
#45
 2-Fluorobiphenyl
 Concen: 85.399 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038038.D
 Acq: 16 Nov 2018 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.1	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

BNA_G

ClientSampleId :

FB111418

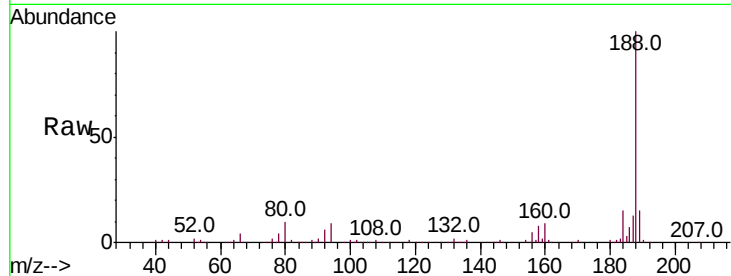
Tot Ion:188 Resp: 278634

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

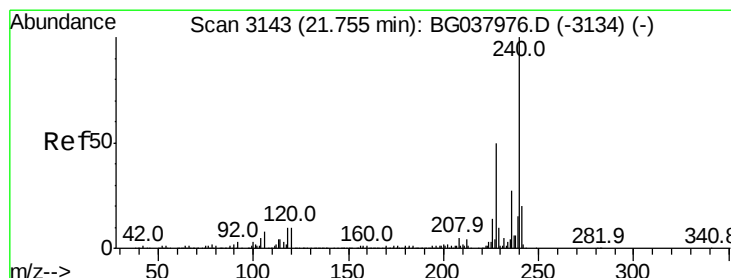
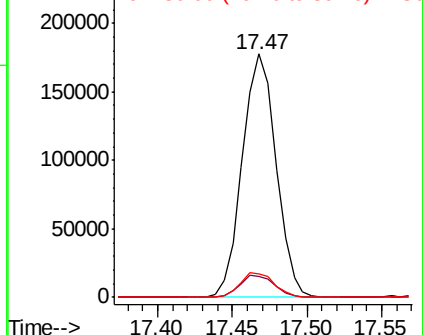
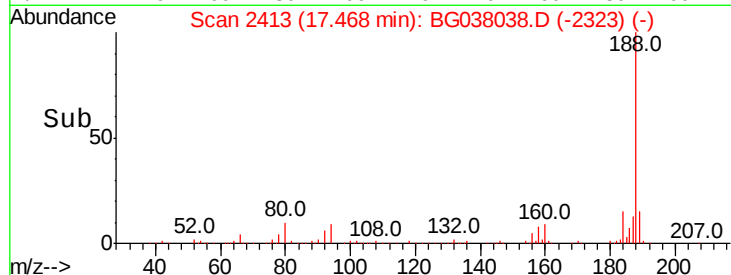
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

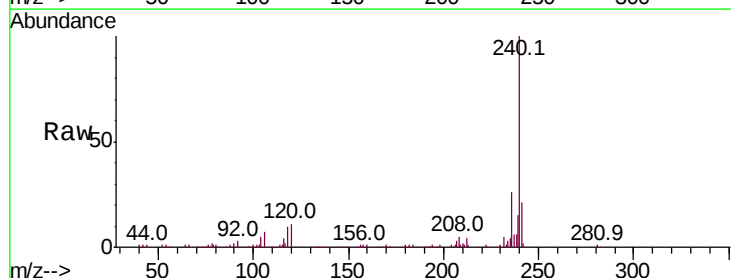
Tgt Ion:240 Resp: 265596

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

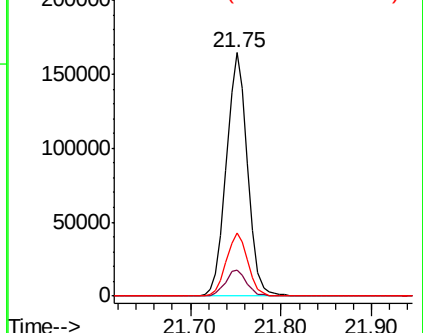
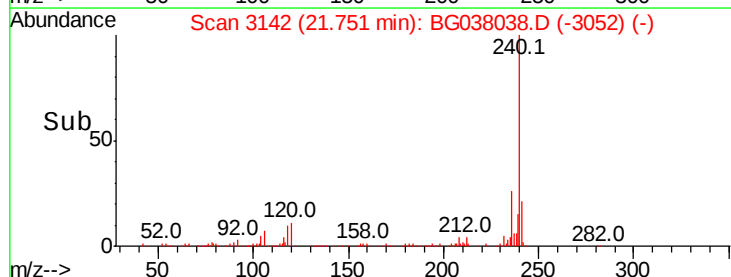
236 26.0 21.4 32.0

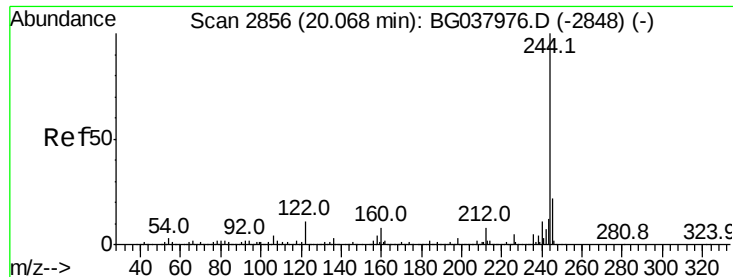


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.998 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Instrument :

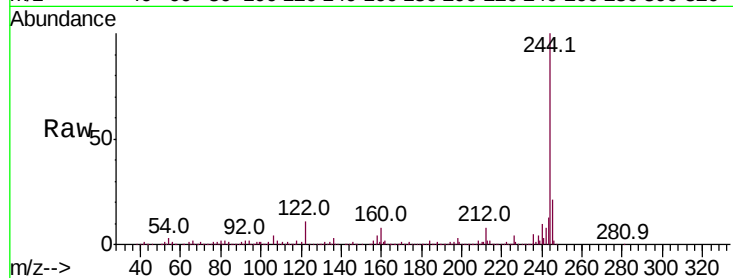
BNA_G

ClientSampled :

FB111418

Tot Ion:244 Resp: 1072287

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.5	9.0	13.4

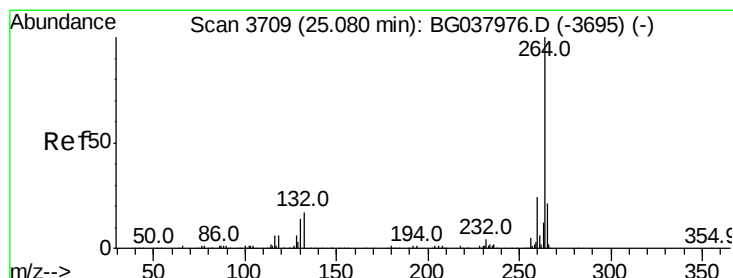
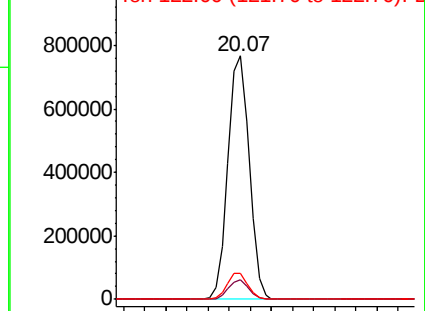
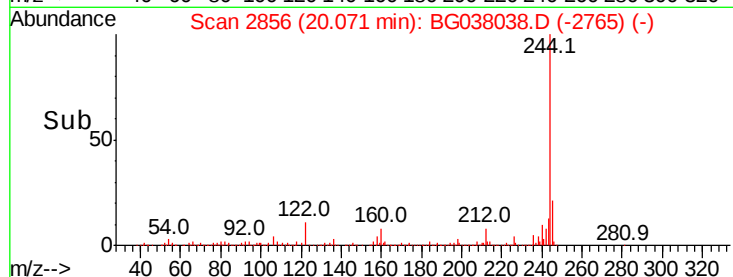


Abundance

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: 25.07 min Scan# 3707

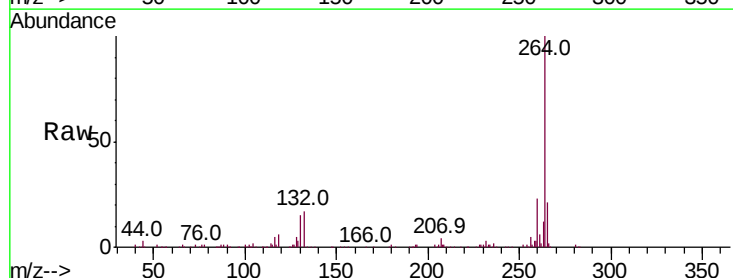
Delta R.T. -0.01 min

Lab File: BG038038.D

Acq: 16 Nov 2018 18:00

Tgt Ion:264 Resp: 269808

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.8	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

