

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038623.D
 Acq On : 16 Dec 2018 3:29
 Operator : JU/SJ
 Sample : J6357-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09A

Quant Time: Dec 16 04:28:17 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	22078	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87250	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	54813	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	138641	20.00	ng	0.00
76) Chrysene-d12	21.72	240	146694	20.00	ng	0.00
87) Perylene-d12	25.01	264	154783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	188750	151.63	ng	0.00
7) Phenol-d6	7.22	99	224923	131.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	189161	110.76	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	130038	172.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	424867	106.33	ng	0.00
79) Terphenyl-d14	20.05	244	835729	123.99	ng	0.00

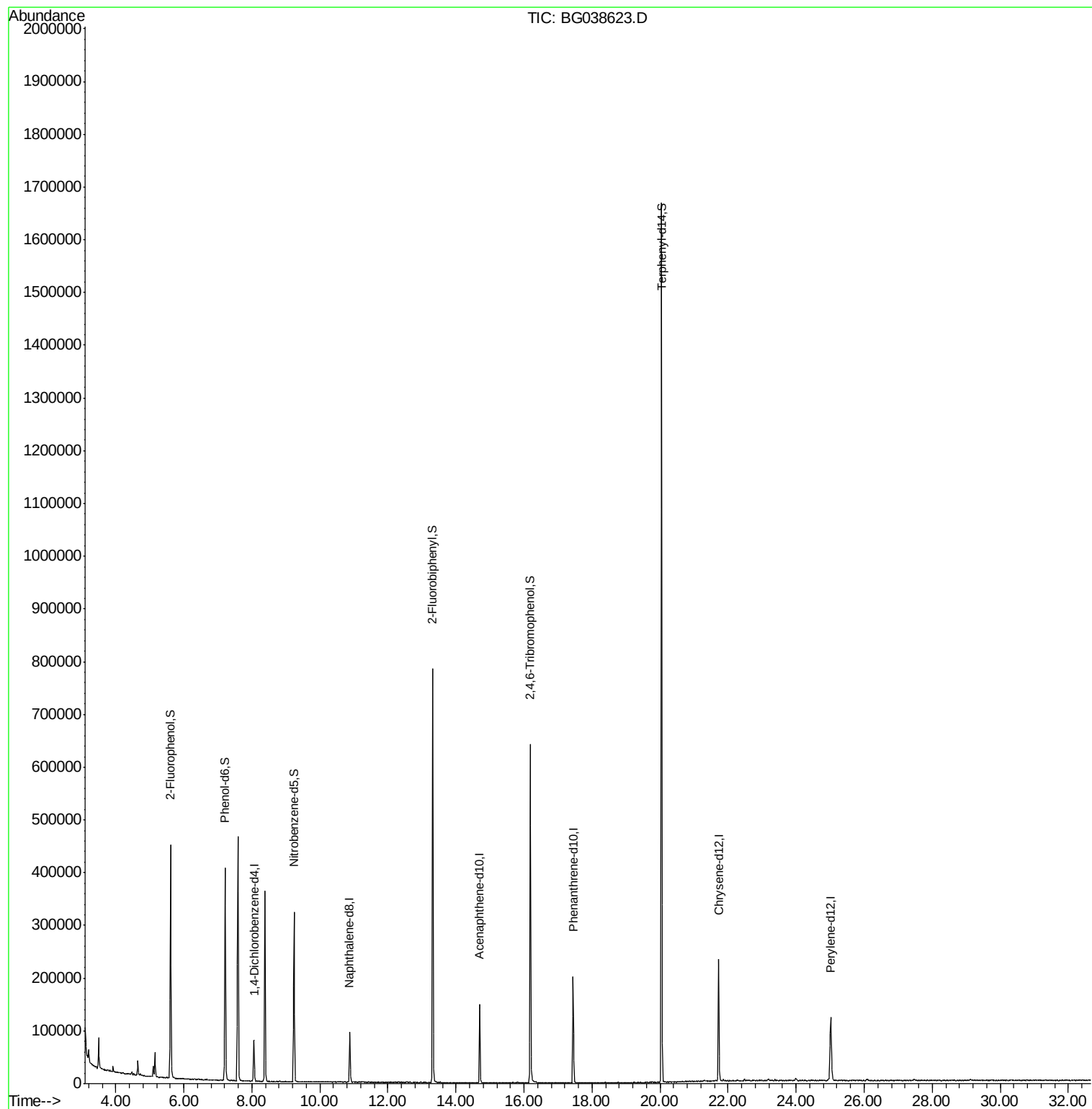
Target Compounds	Qvalue
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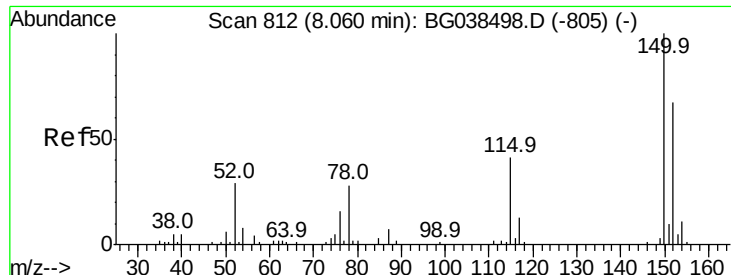
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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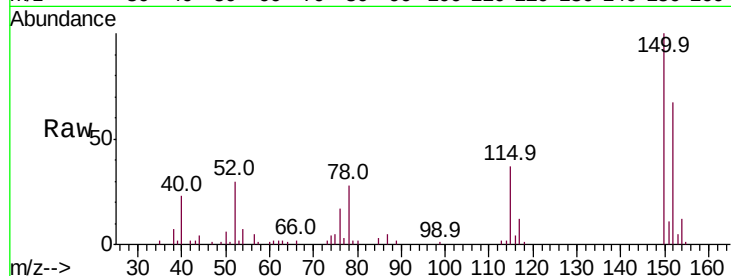


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

Instrument :
BNA_G
ClientSampleId :
SB-09A

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	54.8	49.6	74.4

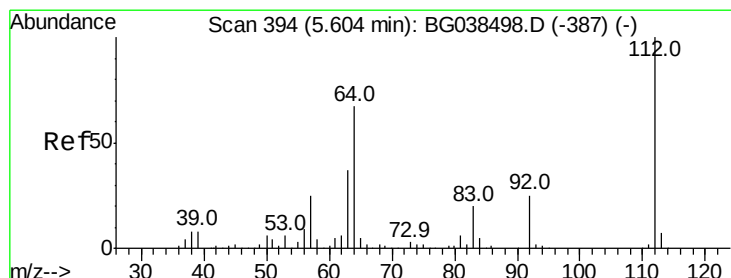
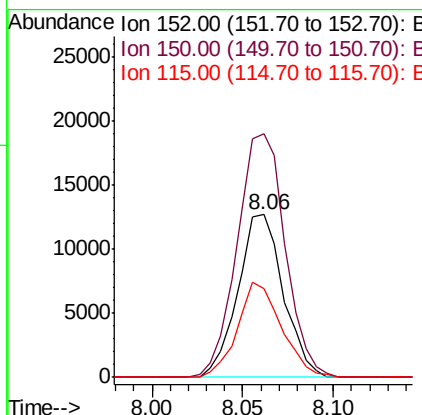
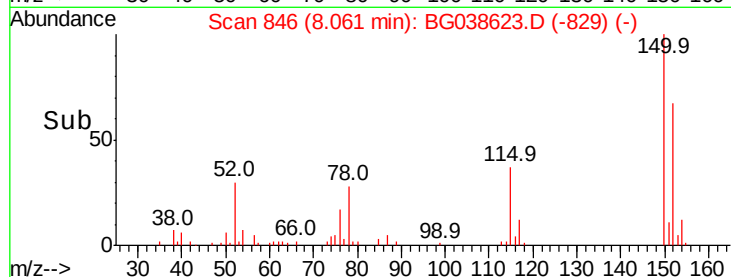


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

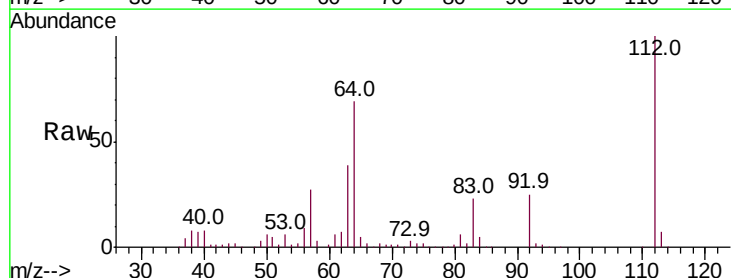
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.634 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.4	80.2
63	39.5	29.3	43.9

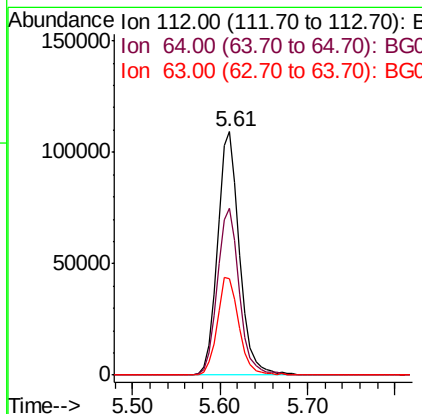
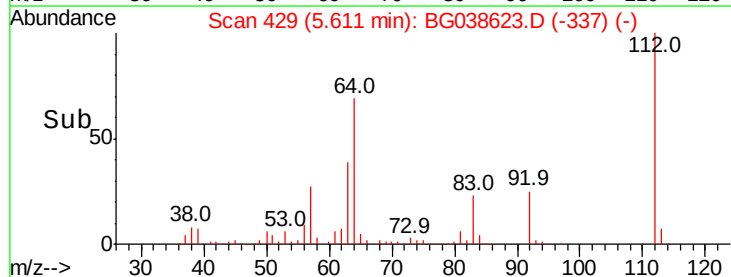


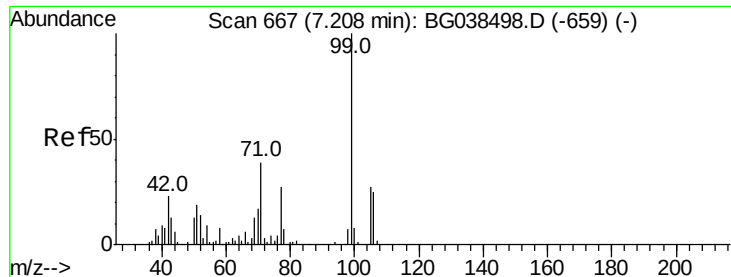
Abundance

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: 131.623 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampleId :

SB-09A

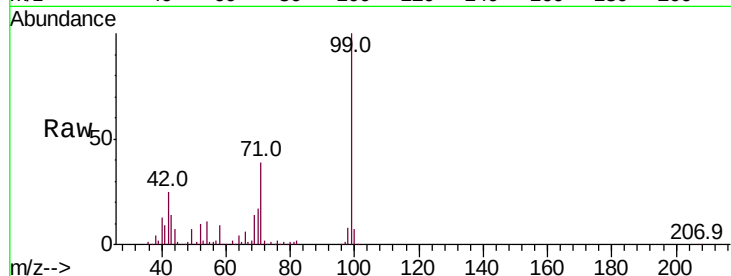
Tot Ion: 99 Resp: 224923

Ion Ratio Lower Upper

99 100

42 25.1 18.5 27.7

71 39.3 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

150000

100000

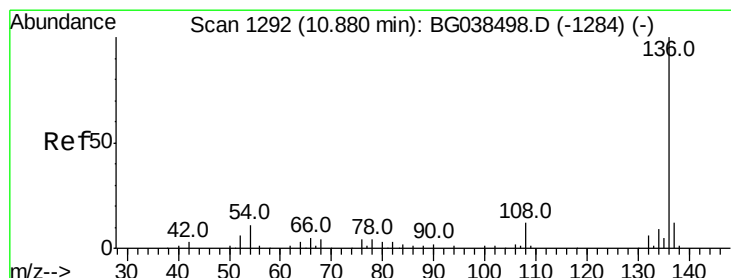
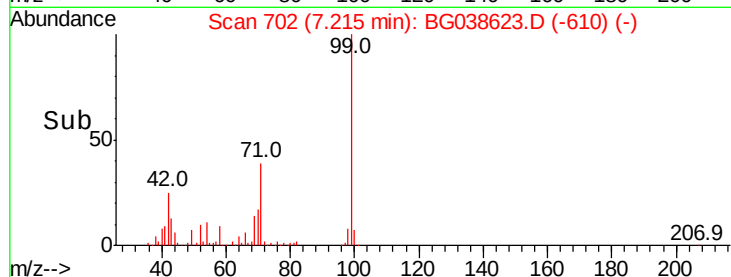
50000

0

7.22

7.10 7.20 7.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Tgt Ion: 136 Resp: 87250

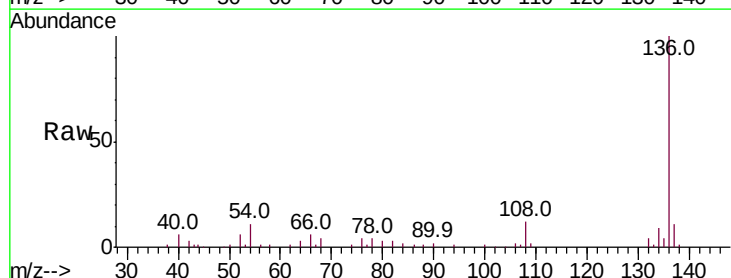
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 10.7 8.5 12.7

68 3.9 3.5 5.3



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

60000

40000

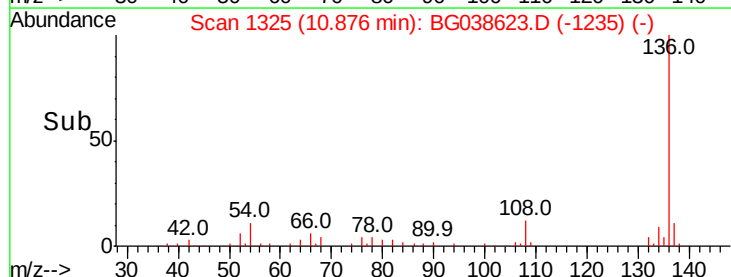
20000

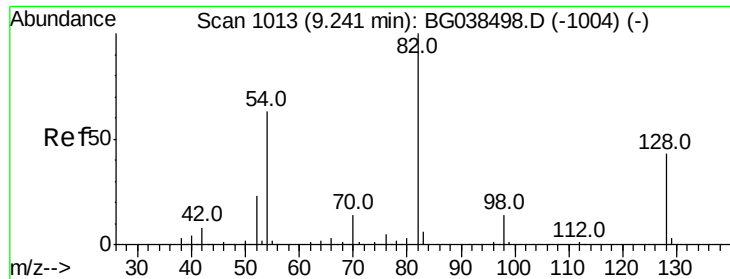
0

10.88

10.80 10.90

Time-->





#23

Nitrobenzene-d5

Concen: 110.759 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampled :

SB-09A

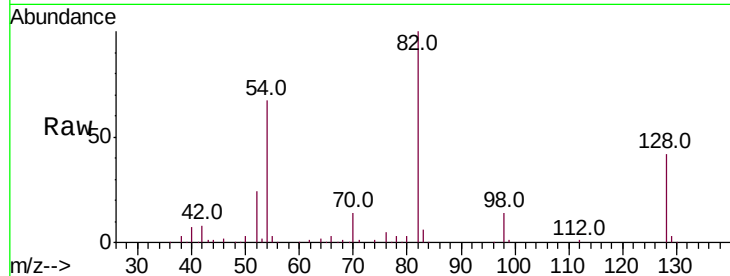
Tot Ion: 82 Resp: 189161

Ion Ratio Lower Upper

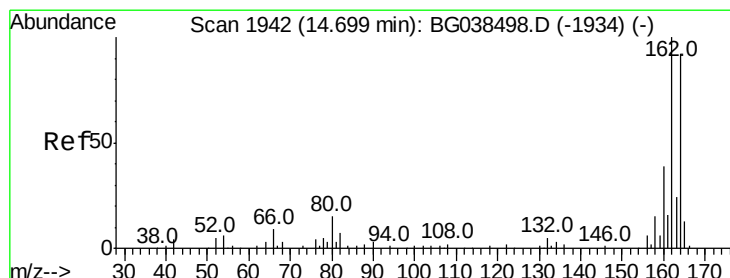
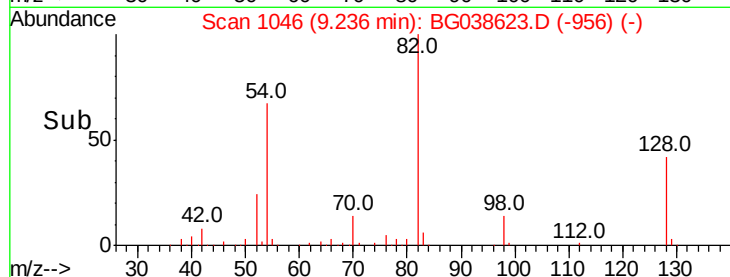
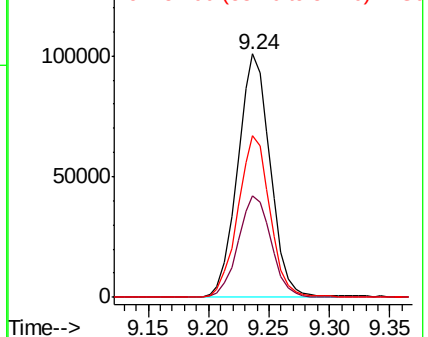
82 100

128 41.8 34.6 52.0

54 66.7 50.6 76.0



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: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

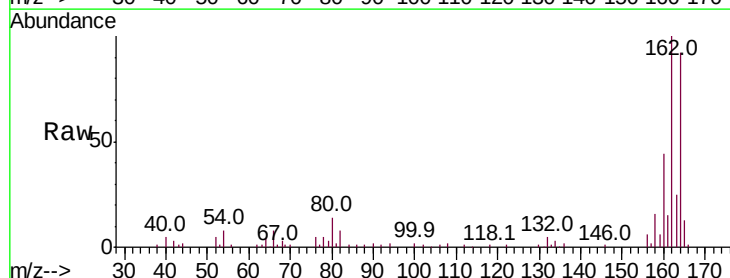
Tgt Ion:164 Resp: 54813

Ion Ratio Lower Upper

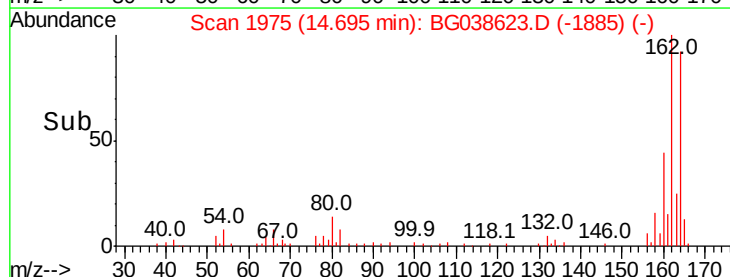
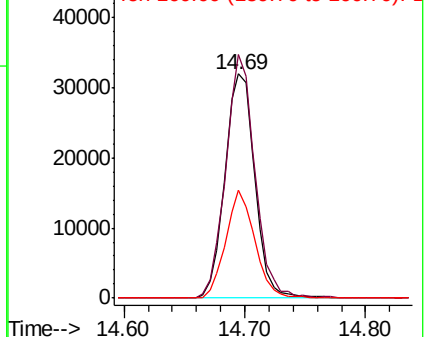
164 100

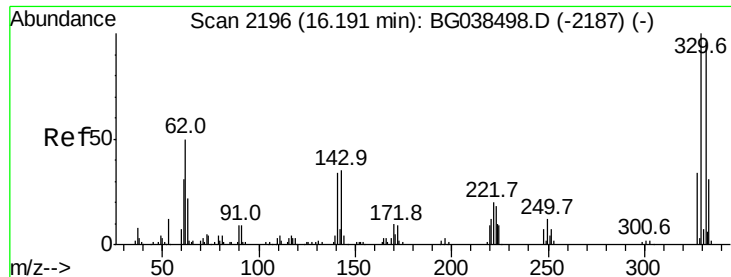
162 108.6 86.6 130.0

160 48.2 34.2 51.2



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

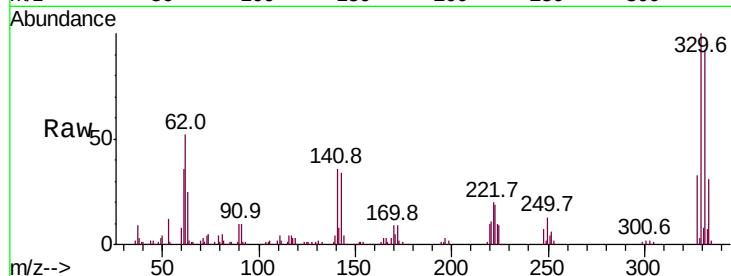




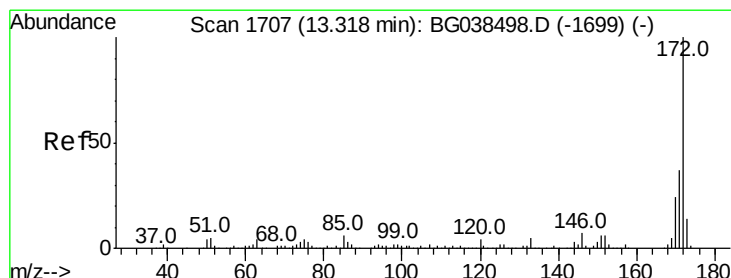
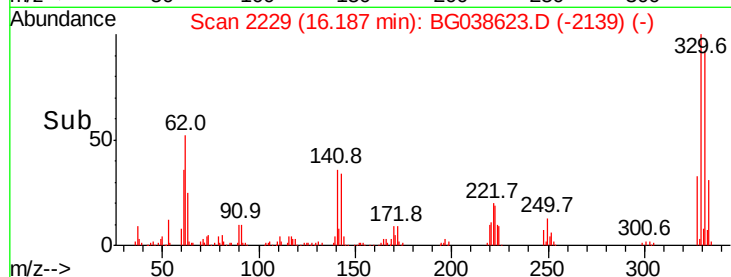
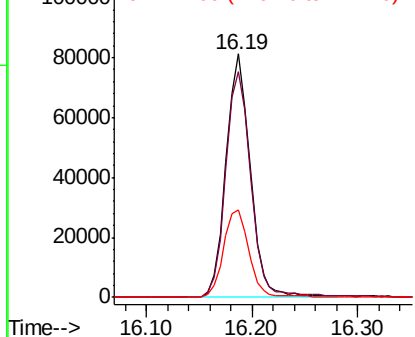
#42
 2,4,6-Tribromophenol
 Concen: 172.140 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-09A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	37.7	28.8	43.2

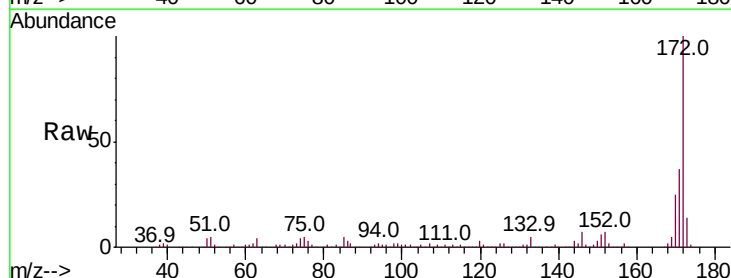


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

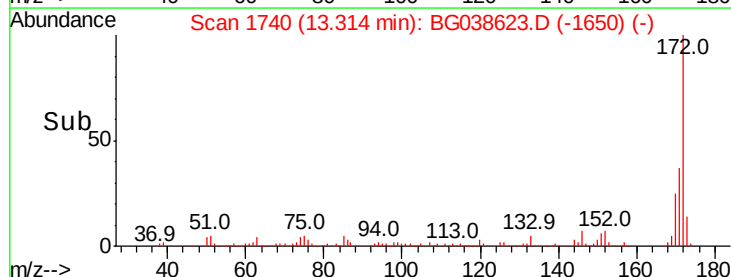
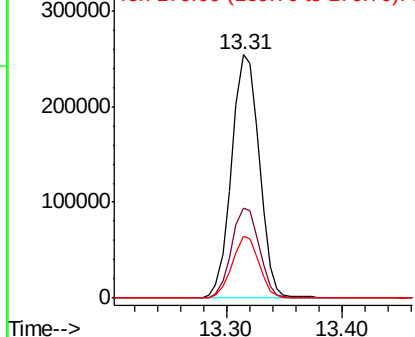


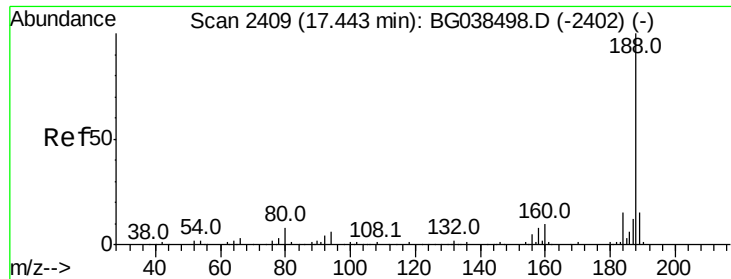
#45
 2-Fluorobiphenyl
 Concen: 106.335 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.5	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: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampleId :

SB-09A

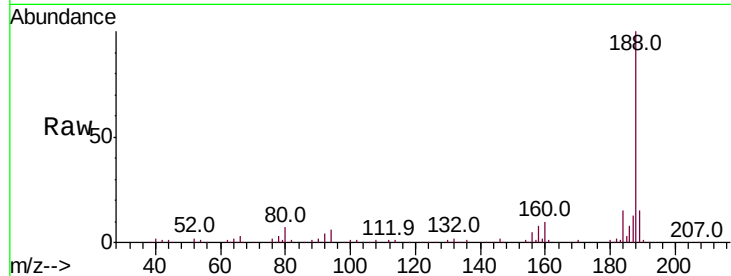
Tot Ion:188 Resp: 138641

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

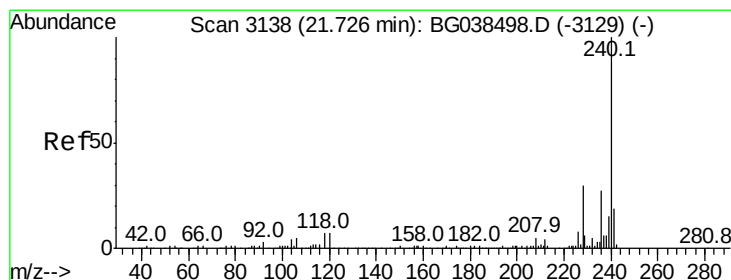
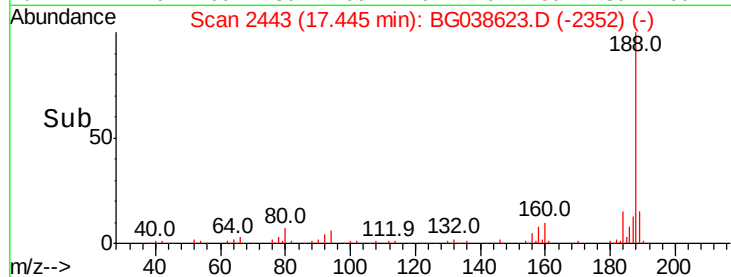
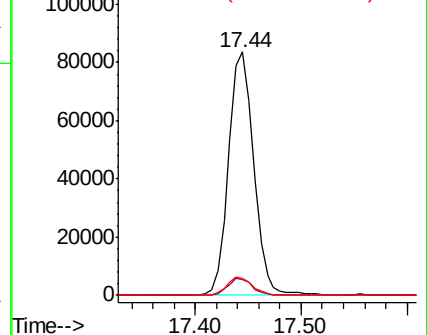
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

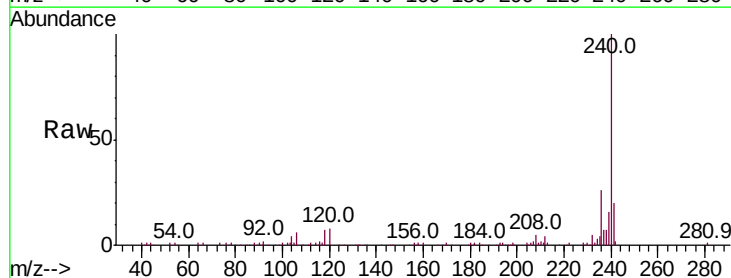
Tgt Ion:240 Resp: 146694

Ion Ratio Lower Upper

240 100

120 7.5 5.3 7.9

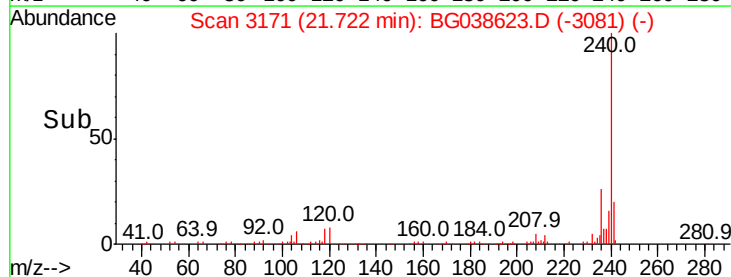
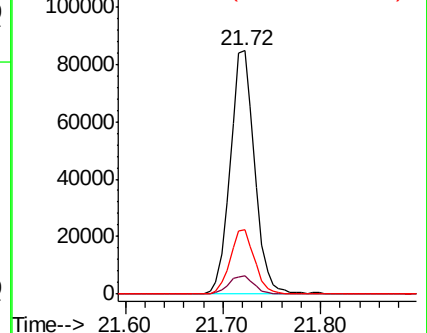
236 26.3 21.4 32.2

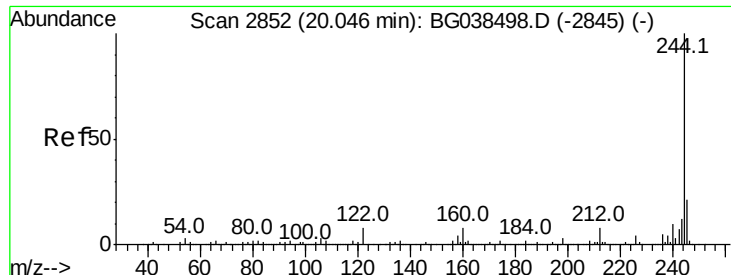


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 123.988 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampleId :

SB-09A

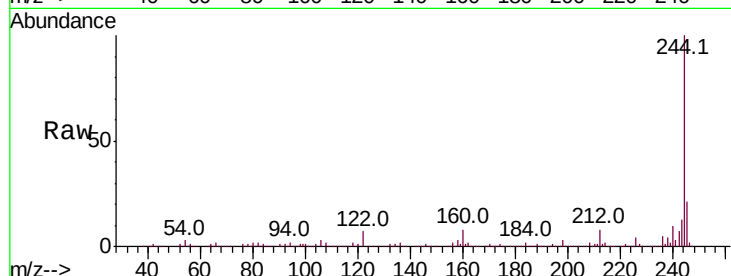
Tot Ion:244 Resp: 835729

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

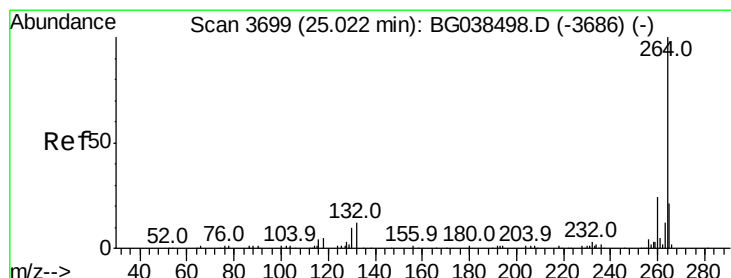
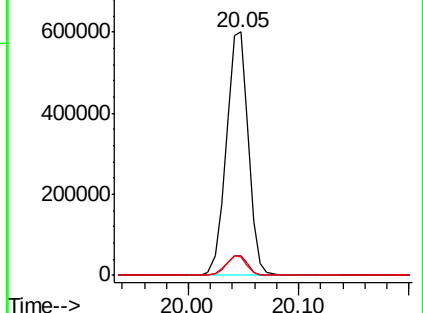
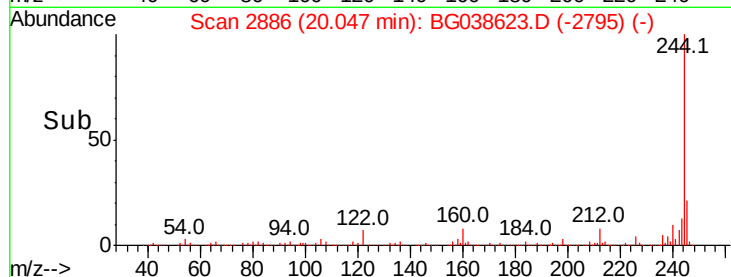
122 7.3 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

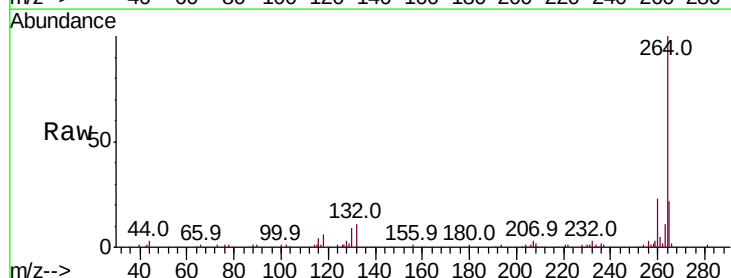
Tgt Ion:264 Resp: 154783

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.7 17.0 25.4



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

