

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035472.D
 Acq On : 28 Jun 2018 9:10
 Operator : JU/SJ
 Sample : J3242-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-B

Quant Time: Jun 28 10:57:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47813	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	175896	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	124037	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	337449	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	376959	20.00	ng	-0.04
86) Perylene-d12	24.90	264	347886	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	423684	149.54	ng	-0.02
7) Phenol-d6	7.21	99	564907	135.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	439092	118.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	255181	160.71	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	967736	101.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1785181	99.20	ng	-0.03

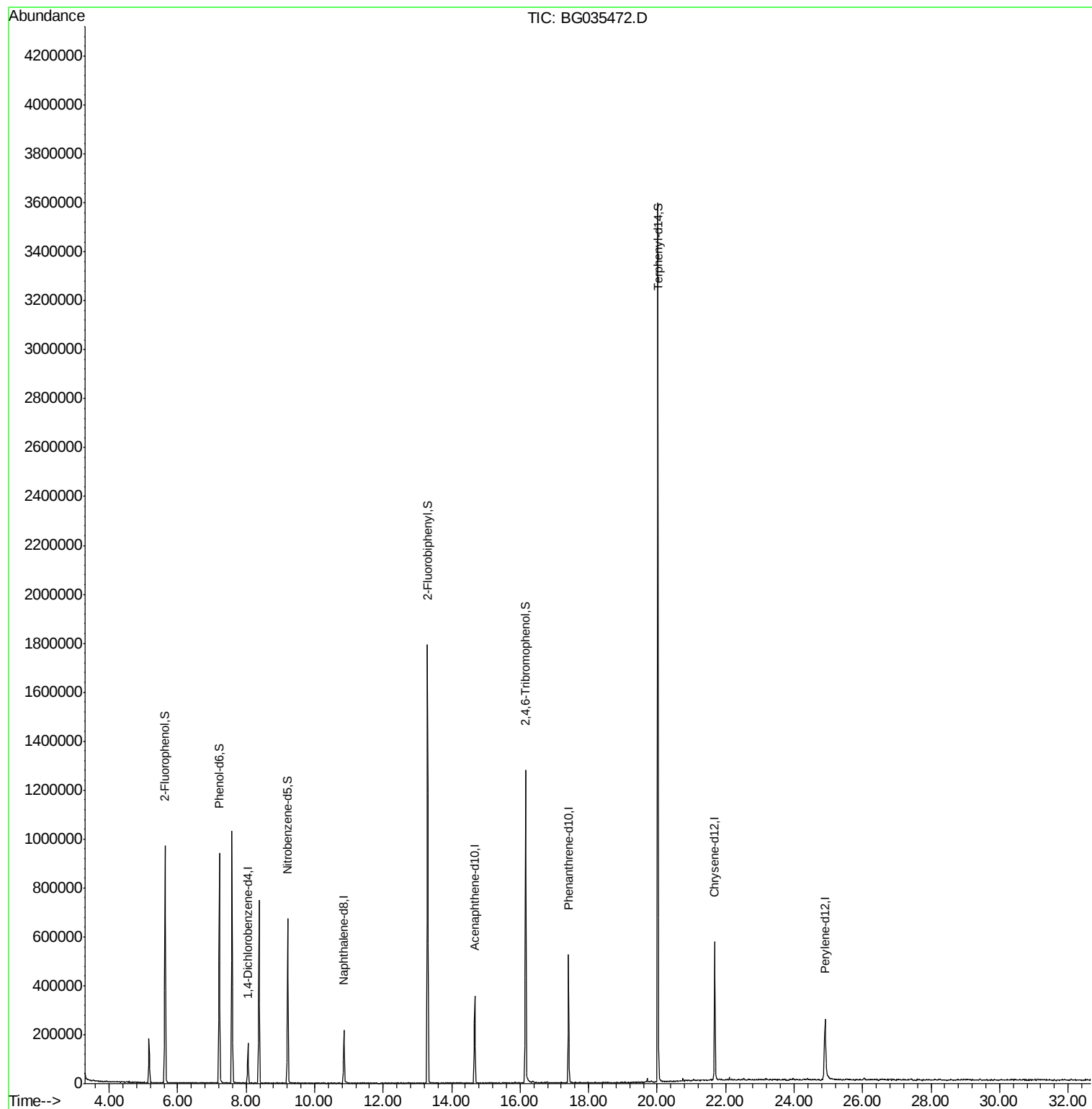
Target Compounds Qvalue

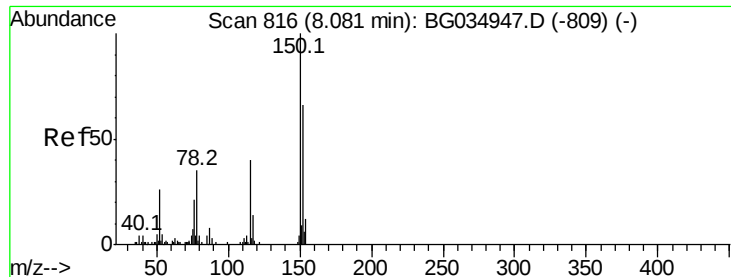
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-B

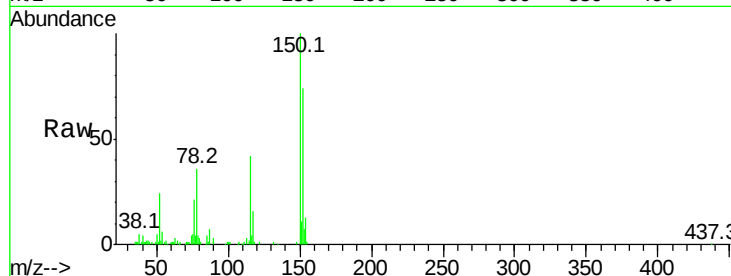
Tot Ion:152 Resp: 47813

Ion Ratio Lower Upper

152 100

150 134.5 126.6 189.8

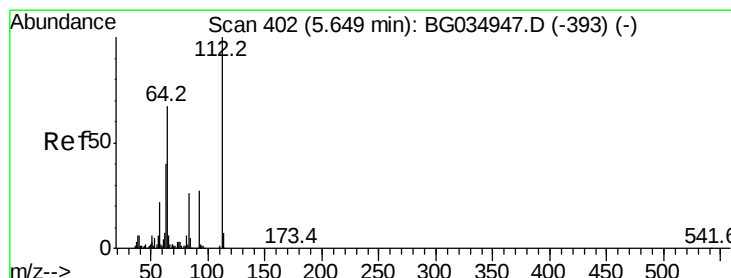
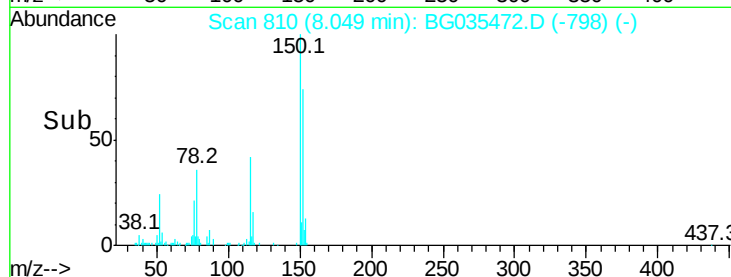
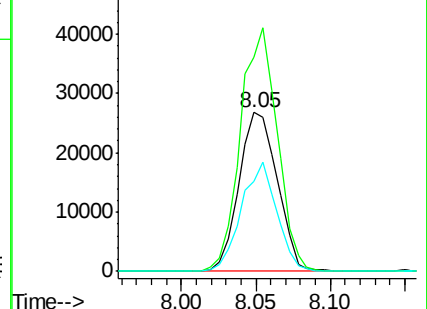
115 57.0 53.0 79.4



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: 149.543 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.02 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

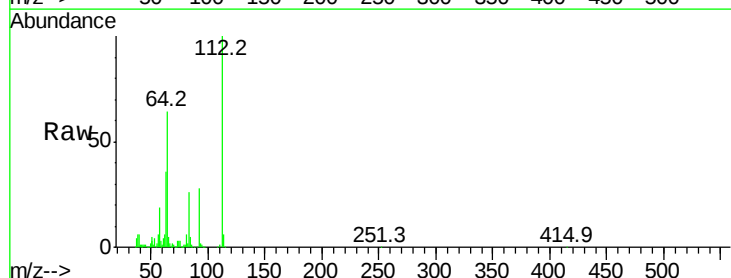
Tgt Ion:112 Resp: 423684

Ion Ratio Lower Upper

112 100

64 64.4 56.3 84.5

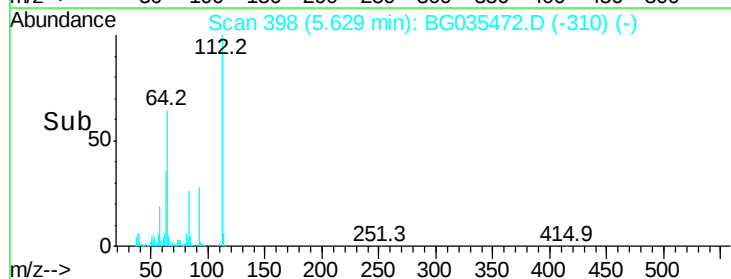
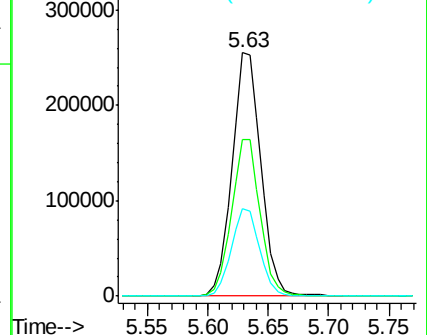
63 36.0 30.1 45.1

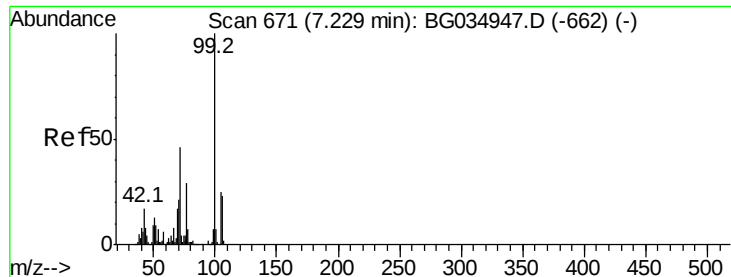


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.093 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-B

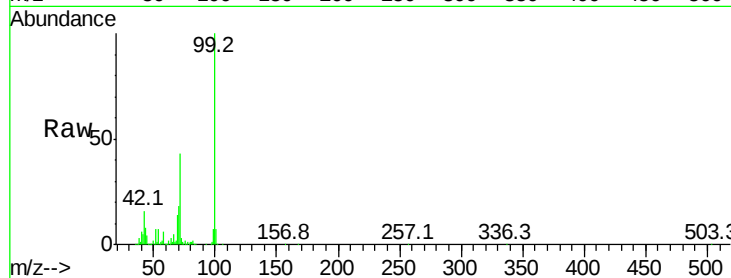
Tot Ion: 99 Resp: 564907

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

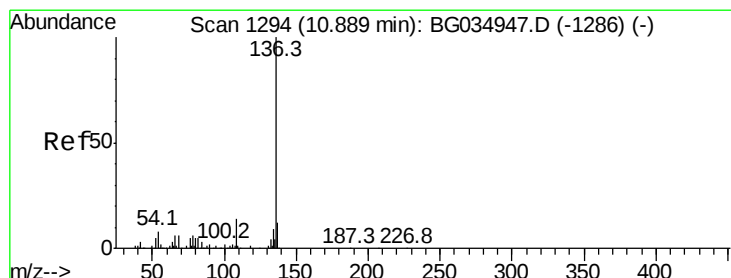
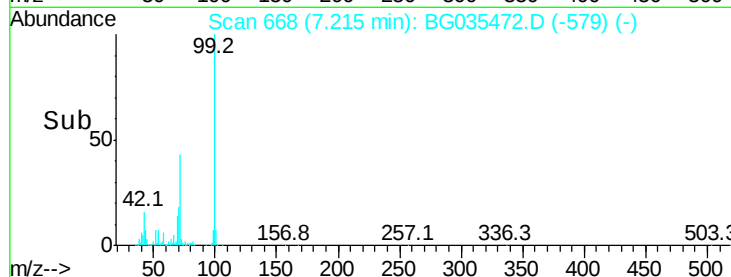
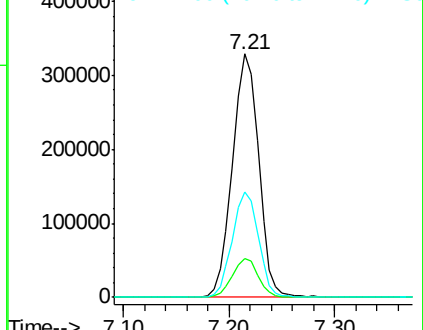
71 43.3 26.1 39.1#



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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Tgt Ion: 136 Resp: 175896

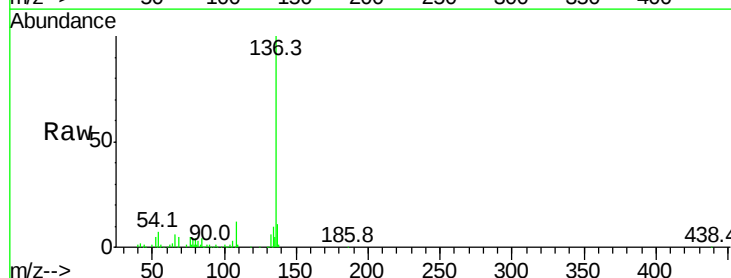
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.9 10.3 15.5#

68 5.5 4.5 6.7

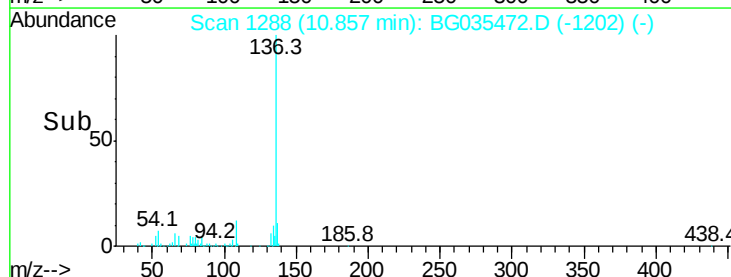
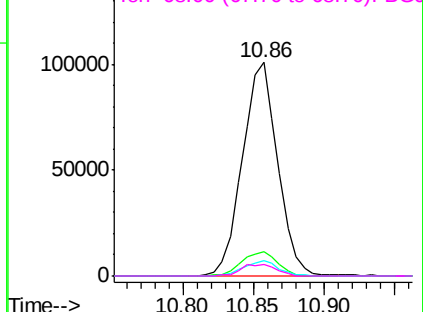


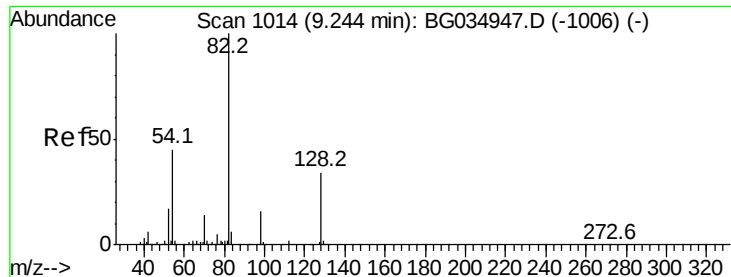
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 118.661 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-B

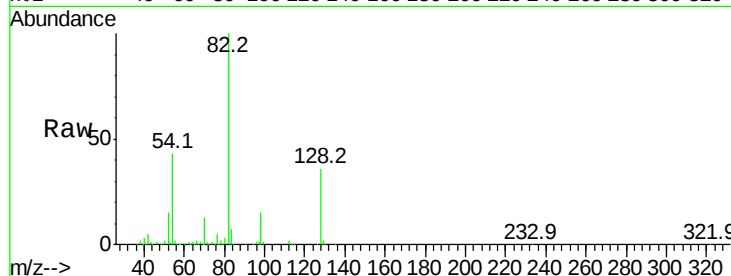
Tot Ion: 82 Resp: 439092

Ion Ratio Lower Upper

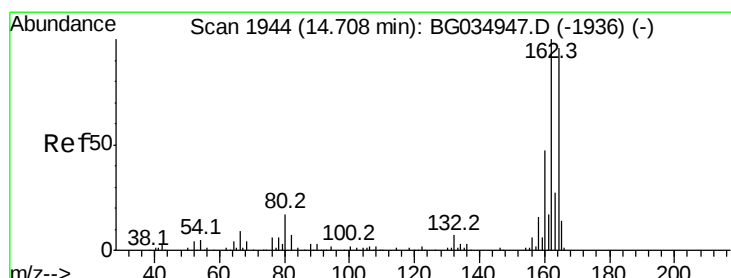
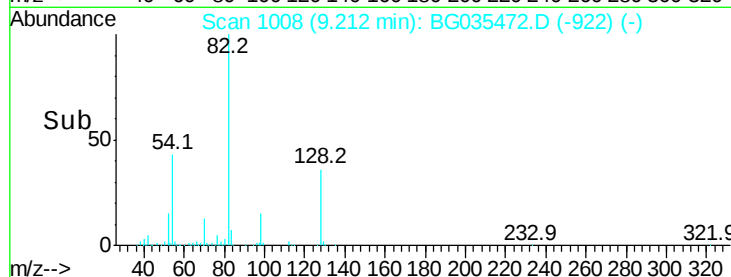
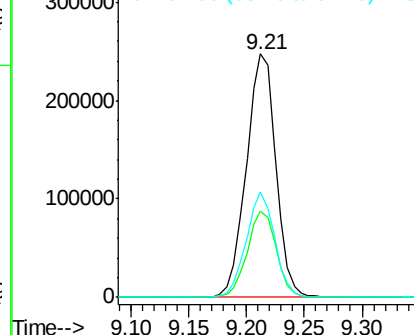
82 100

128 35.5 29.7 44.5

54 43.4 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

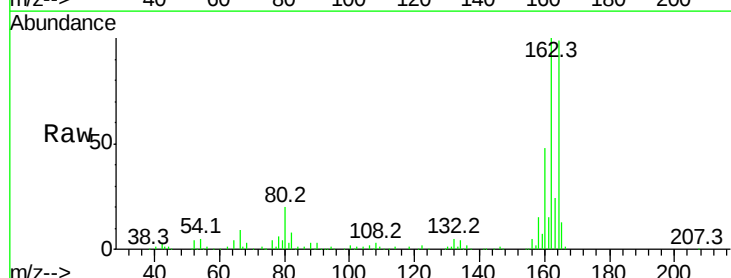
Tgt Ion:164 Resp: 124037

Ion Ratio Lower Upper

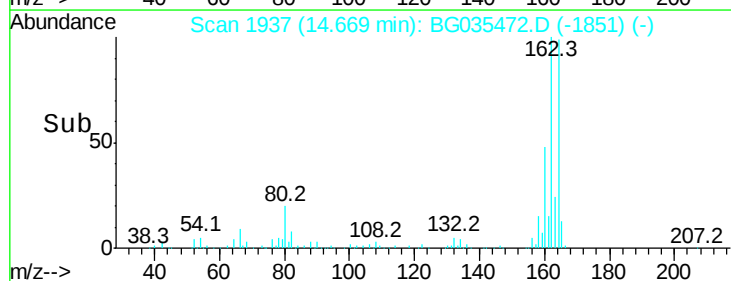
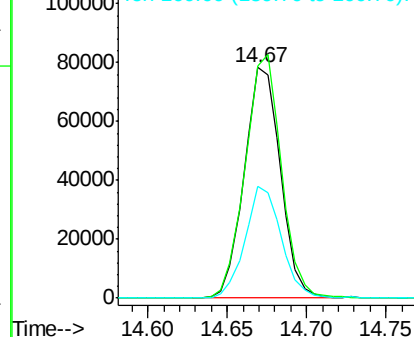
164 100

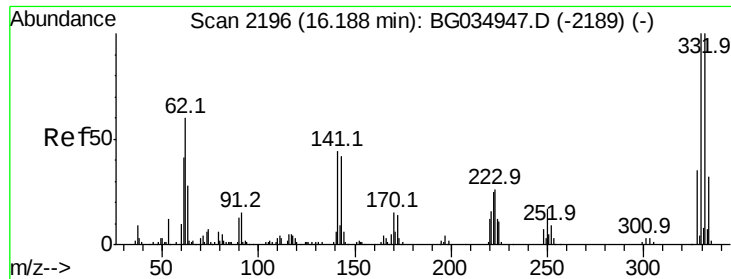
162 100.9 78.8 118.2

160 48.5 35.4 53.0



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

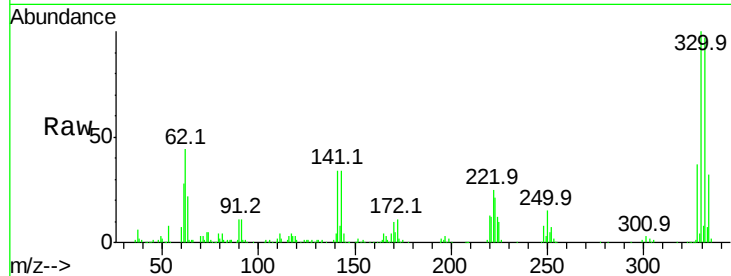




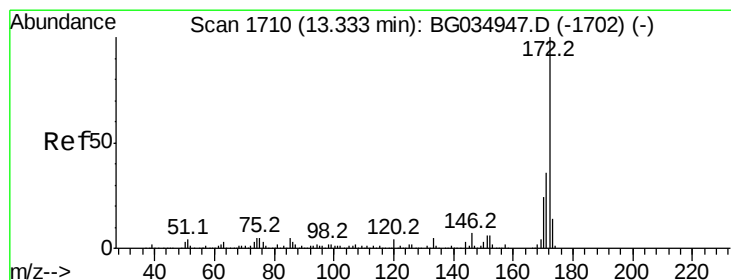
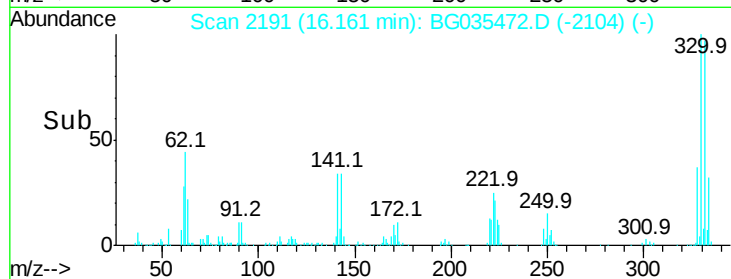
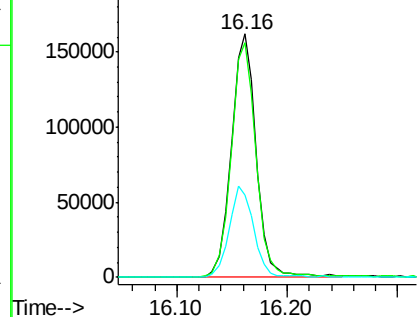
#41
 2,4,6-Tribromophenol
 Concen: 160.710 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035472.D
 Acq: 28 Jun 2018 9:10

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.4	25.2	37.8

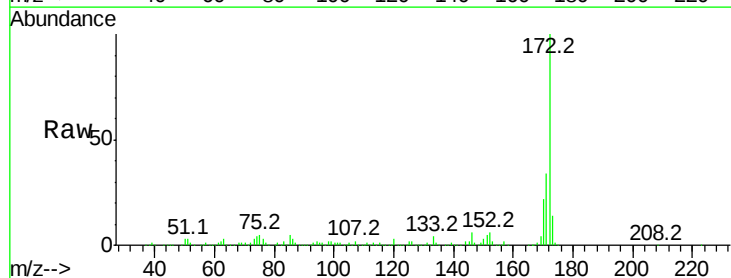


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

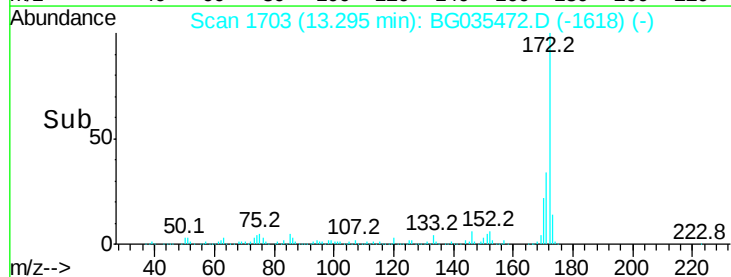
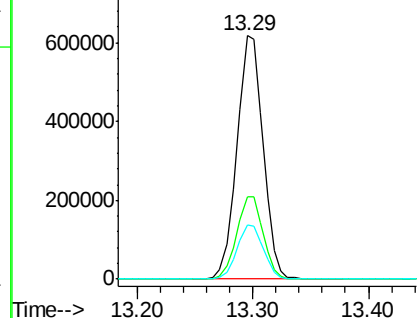


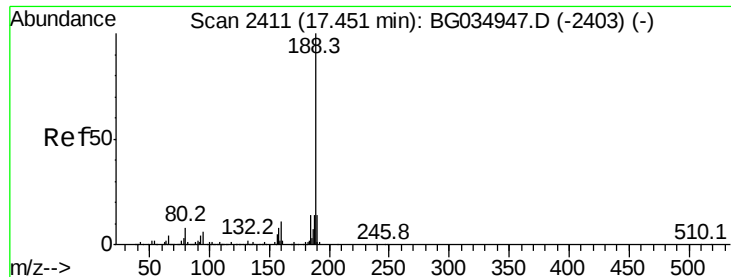
#44
 2-Fluorobiphenyl
 Concen: 101.426 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035472.D
 Acq: 28 Jun 2018 9:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.4	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-B

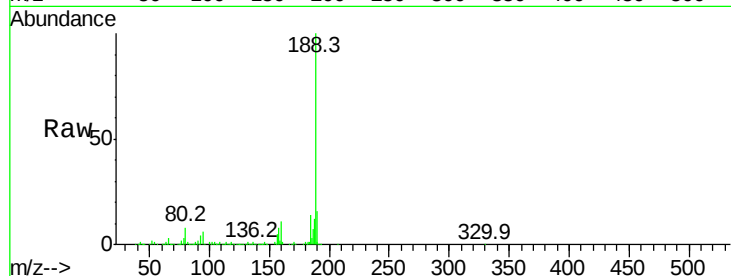
Tot Ion:188 Resp: 337449

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

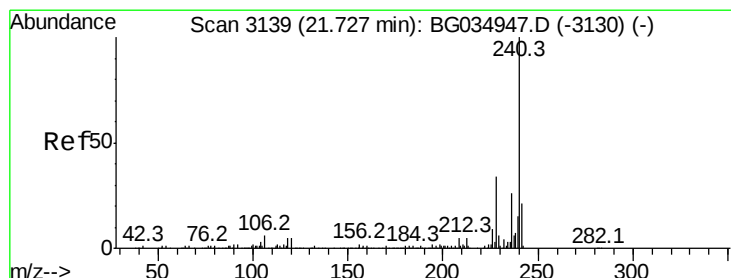
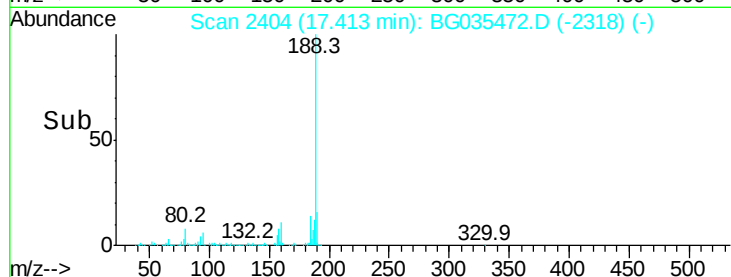
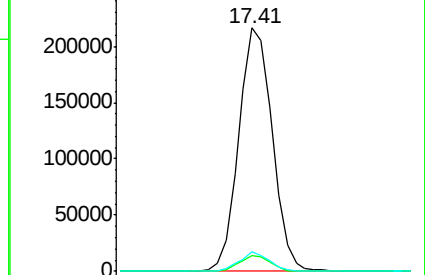
80 8.3 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

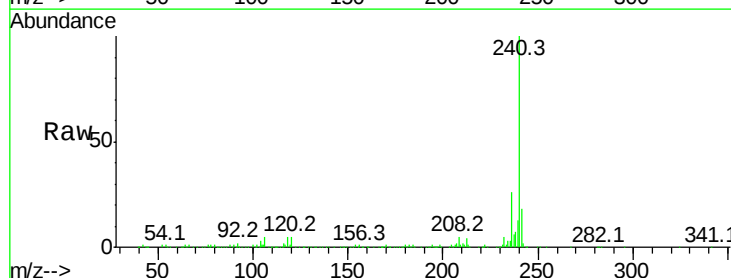
Tgt Ion:240 Resp: 376959

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

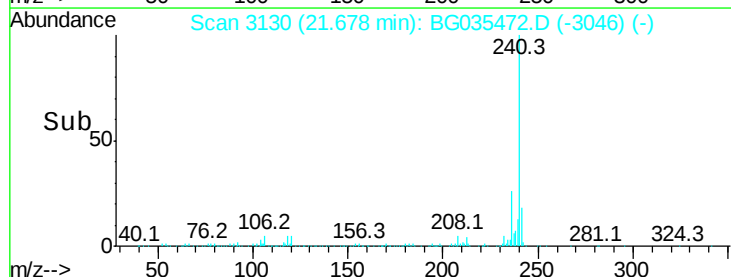
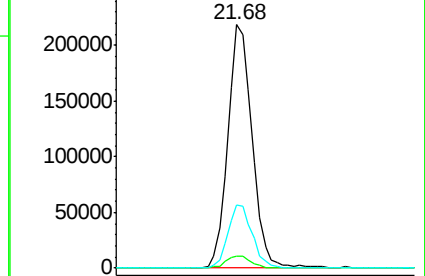
236 25.8 20.9 31.3

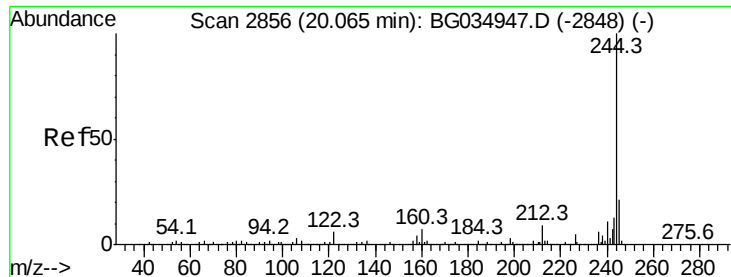


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.198 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

Instrument :

BNA_G

ClientSampleId :

JC-02-062618-B

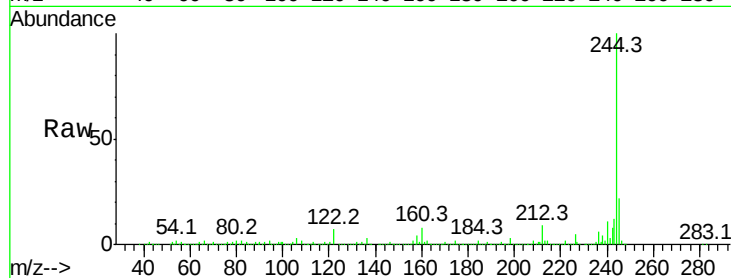
Tot Ion:244 Resp: 1785181

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

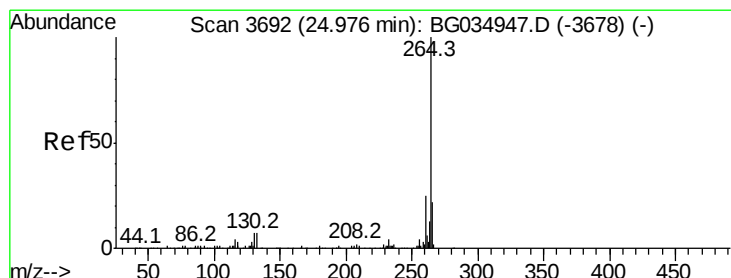
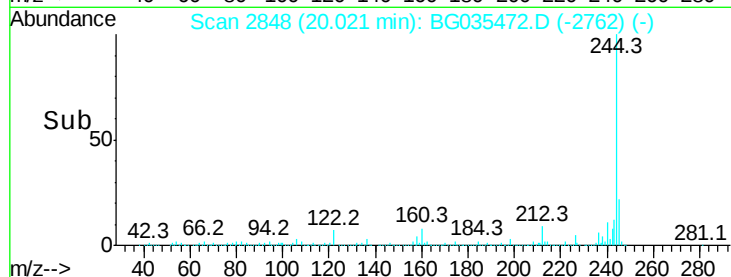
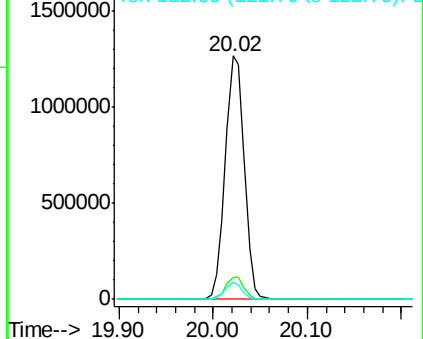
122 6.9 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035472.D

Acq: 28 Jun 2018 9:10

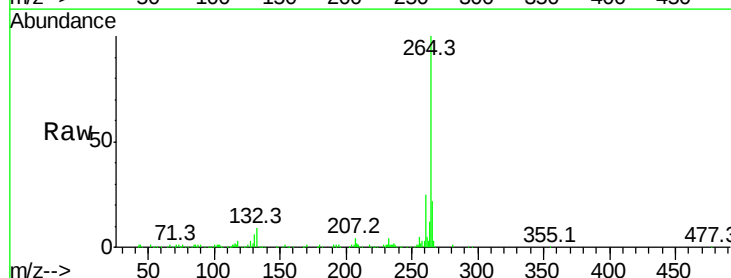
Tgt Ion:264 Resp: 347886

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 22.2 17.7 26.5



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

