

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017267.D
 Acq On : 23 May 2015 5:38
 Operator : TP/IZ
 Sample : G2355-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRACTANKSAMPLE1

Quant Time: May 25 08:16:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

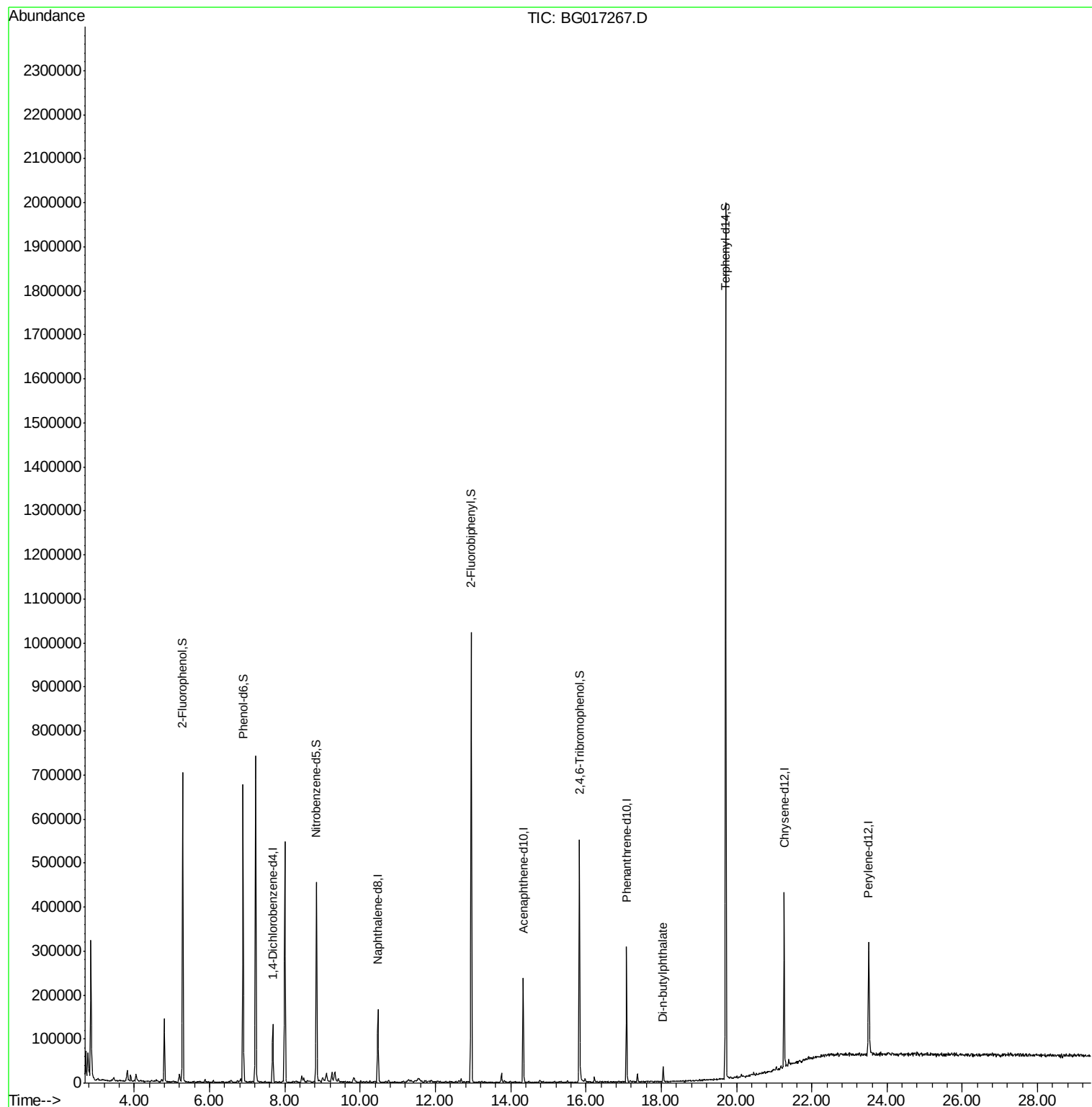
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30282	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	122412	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	72750	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	163210	20.00	ng	0.00
75) Chrysene-d12	21.26	240	179941	20.00	ng	0.00
86) Perylene-d12	23.51	264	175026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	241397	141.43	ng	0.00
7) Phenol-d6	6.89	99	306943	128.15	ng	0.00
23) Nitrobenzene-d5	8.84	82	235084	89.66	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	78462	89.22	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	470650	94.93	ng	0.00
78) Terphenyl-d14	19.72	244	768706	89.02	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	18.05	149	22687	2.16	ng	Qvalue # 94

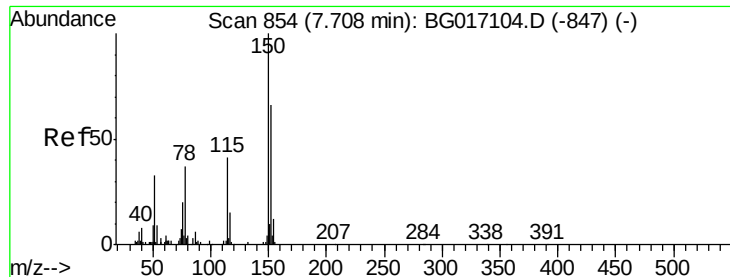
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 25 08:11:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FRACTANKSAMPLE1

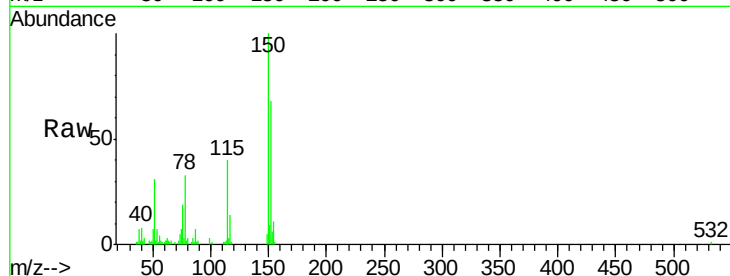
Tgt Ion:152 Resp: 30282

Ion Ratio Lower Upper

152 100

150 147.3 120.8 181.2

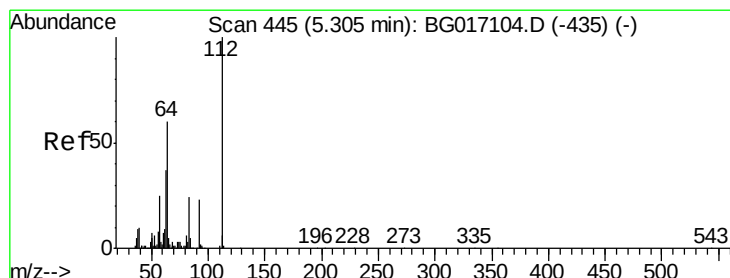
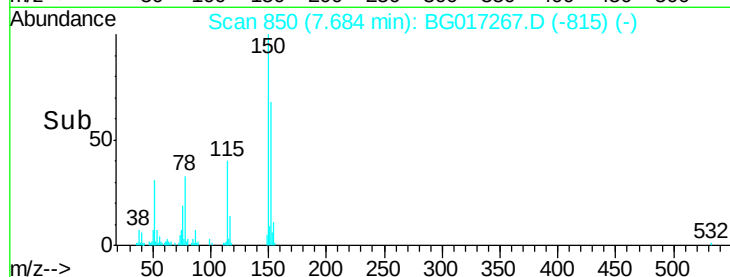
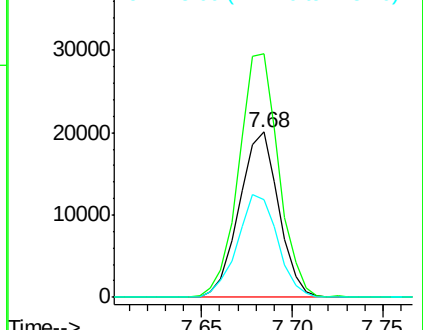
115 59.4 49.4 74.2



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: 141.43 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

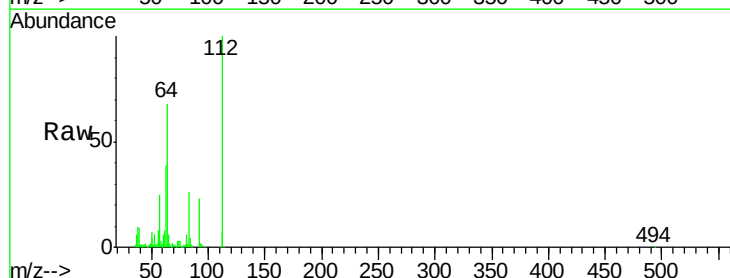
Tgt Ion:112 Resp: 241397

Ion Ratio Lower Upper

112 100

64 68.2 48.1 72.1

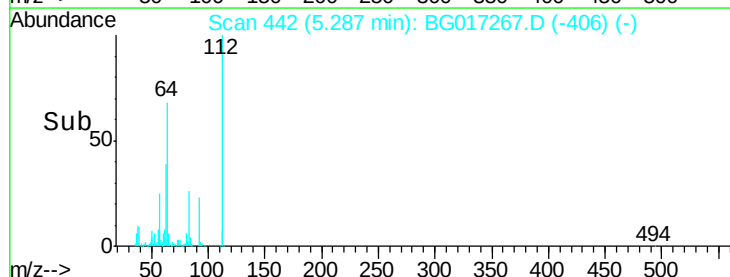
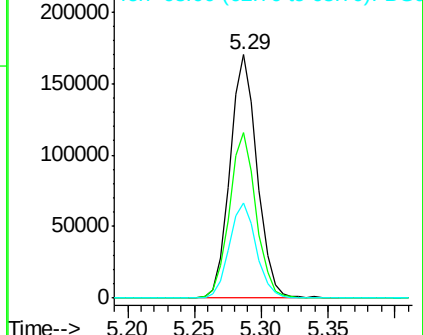
63 39.0 29.8 44.8

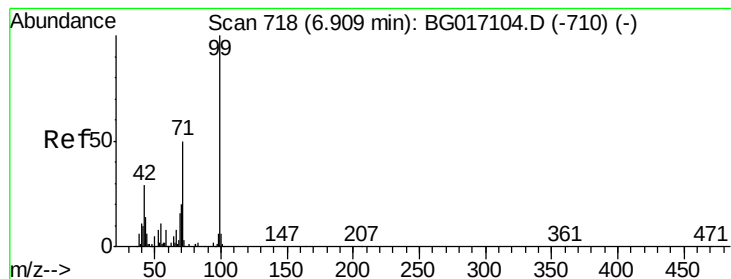


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.15 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.01 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FRACTANKSAMPLE1

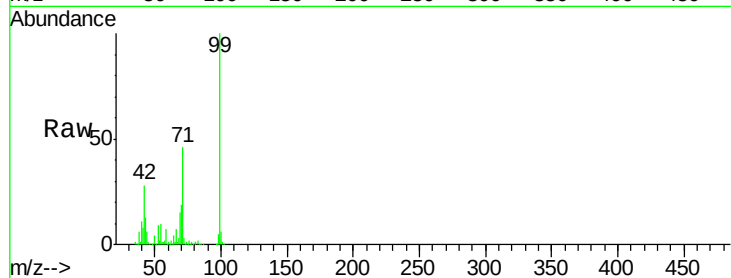
Tgt Ion: 99 Resp: 306943

Ion Ratio Lower Upper

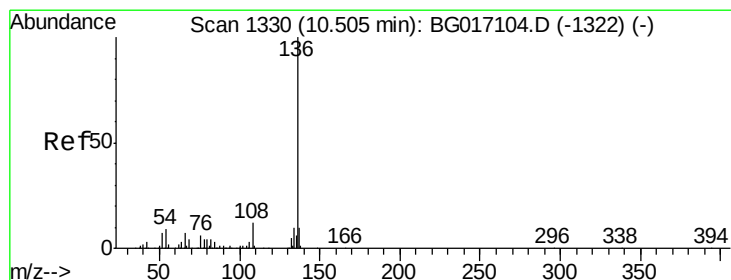
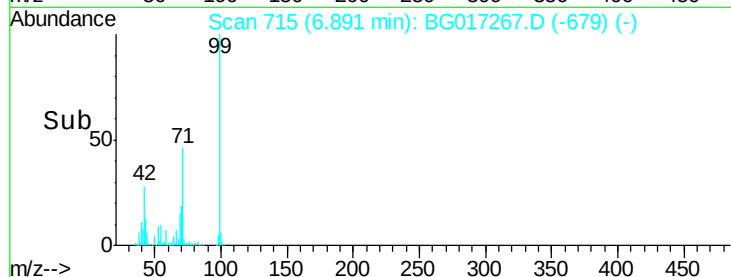
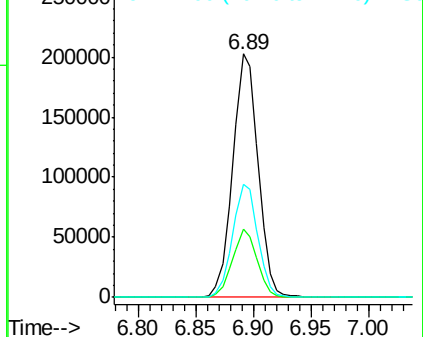
99 100

42 27.9 23.5 35.3

71 46.2 39.8 59.8



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: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Tgt Ion: 136 Resp: 122412

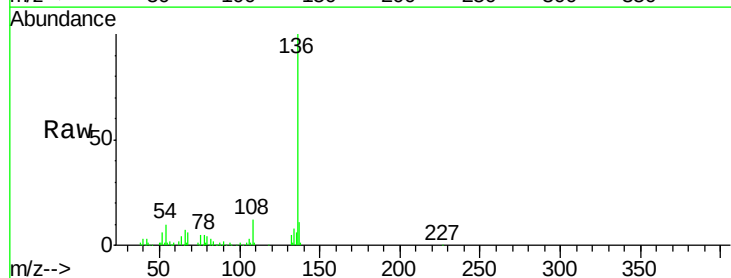
Ion Ratio Lower Upper

136 100

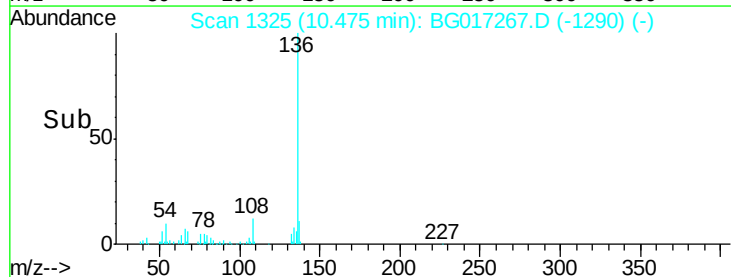
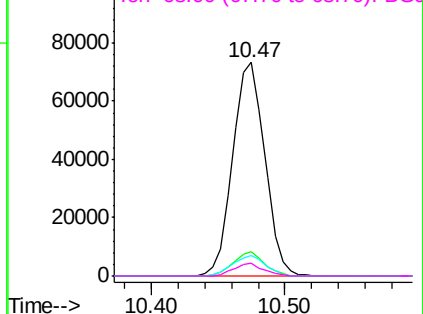
137 11.1 8.3 12.5

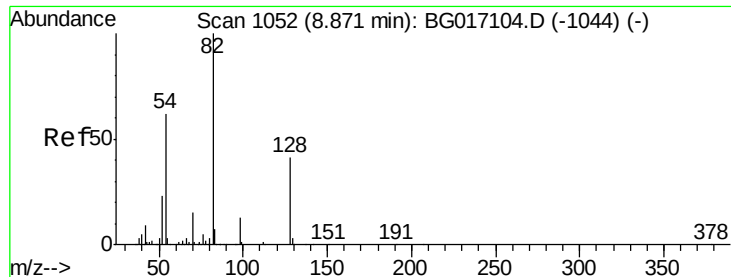
54 9.9 7.4 11.2

68 6.1 3.6 5.4#



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: 89.66 ng

RT: 8.84 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FRACTANKSAMPLE1

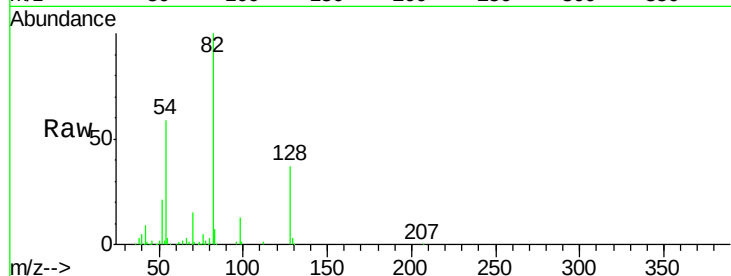
Tgt Ion: 82 Resp: 235084

Ion Ratio Lower Upper

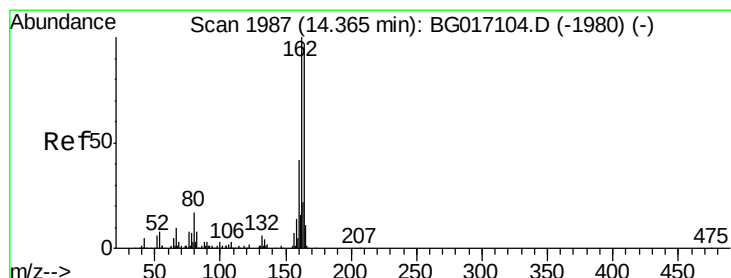
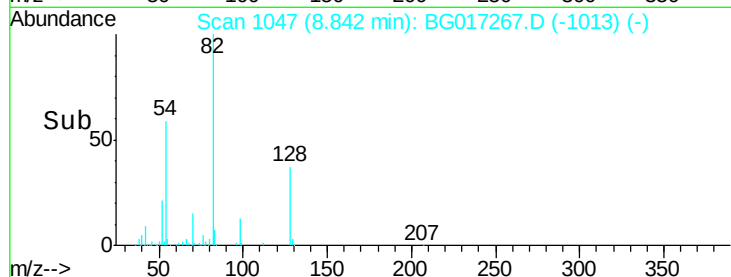
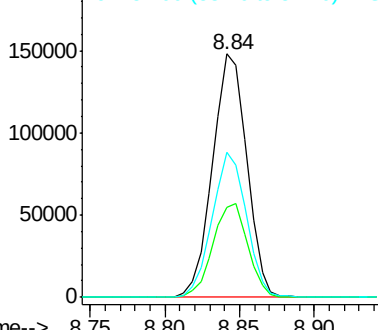
82 100

128 36.8 32.6 49.0

54 59.4 49.6 74.4



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: 20.00 ng

RT: 14.34 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

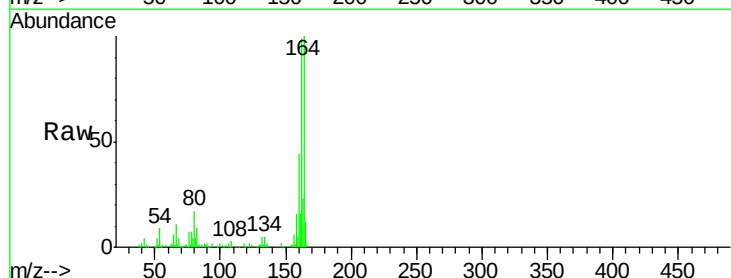
Tgt Ion: 164 Resp: 72750

Ion Ratio Lower Upper

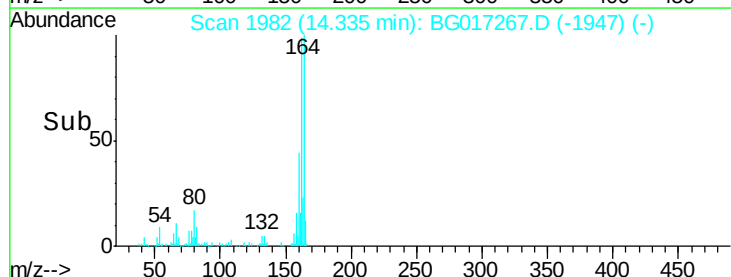
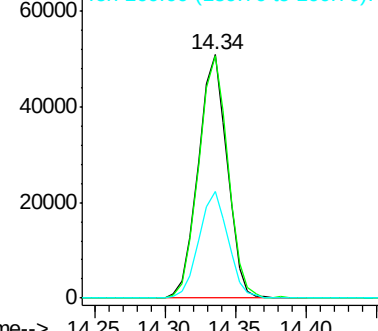
164 100

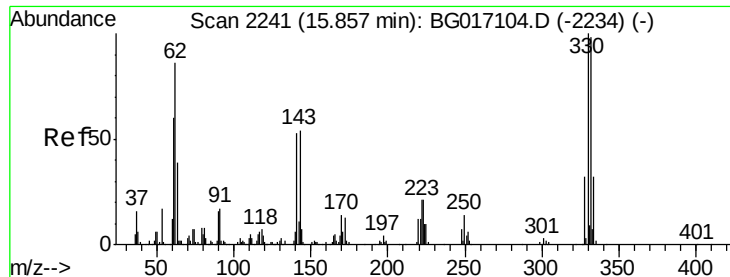
162 99.5 82.1 123.1

160 43.6 34.8 52.2



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

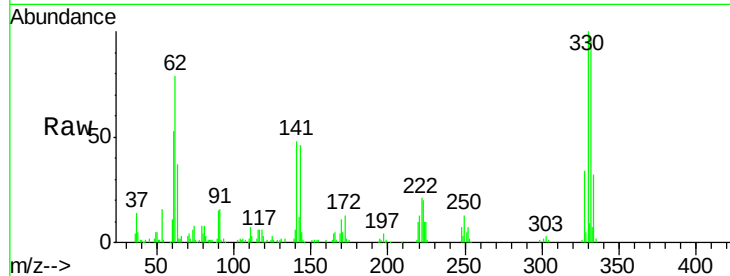




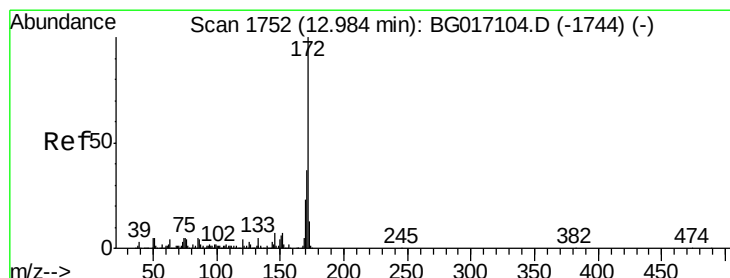
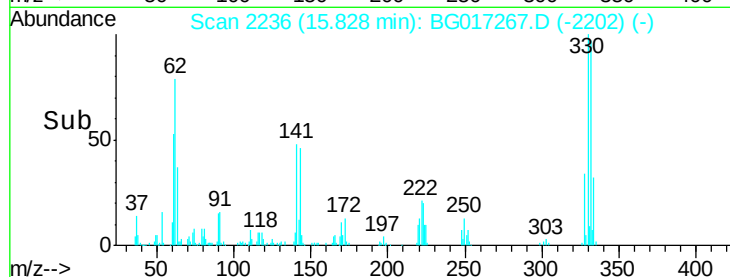
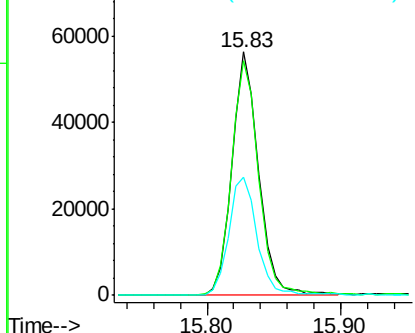
#41
 2,4,6-Tribromophenol
 Concen: 89.22 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017267.D
 Acq: 23 May 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 FRACTANKSAMPLE1

Tgt Ion: 330 Resp: 78462
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.9 115.3
 141 52.4 42.2 63.2

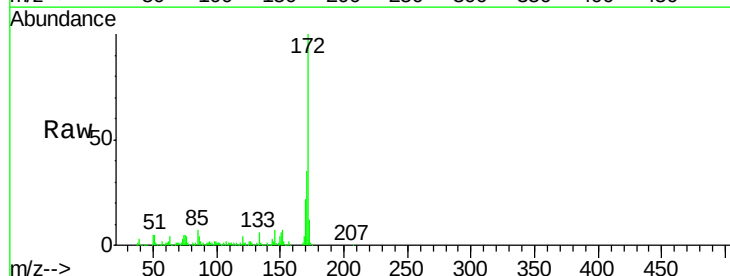


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

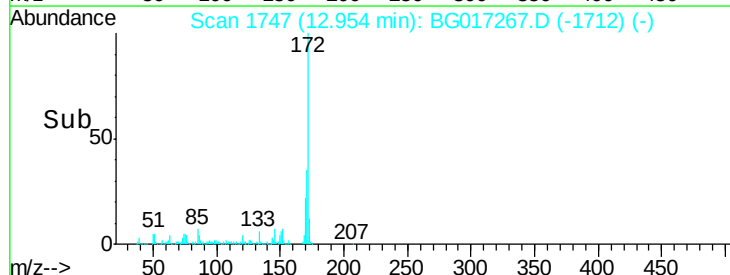
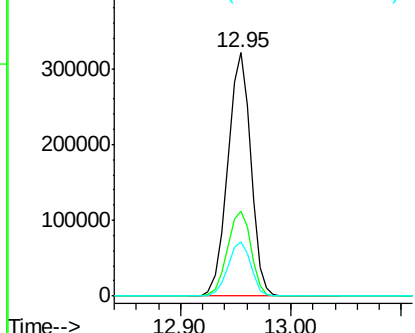


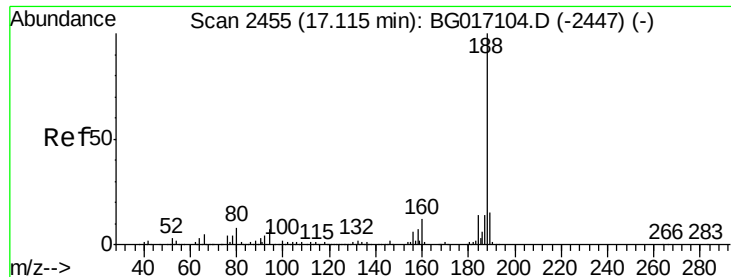
#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017267.D
 Acq: 23 May 2015 5:38

Tgt Ion: 172 Resp: 470650
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 22.4 18.4 27.6



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: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FRACTANKSAMPLE1

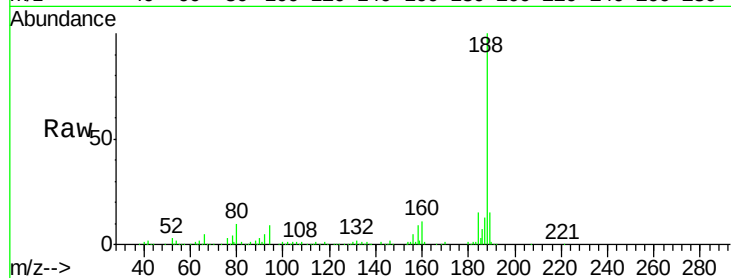
Tgt Ion:188 Resp: 163210

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

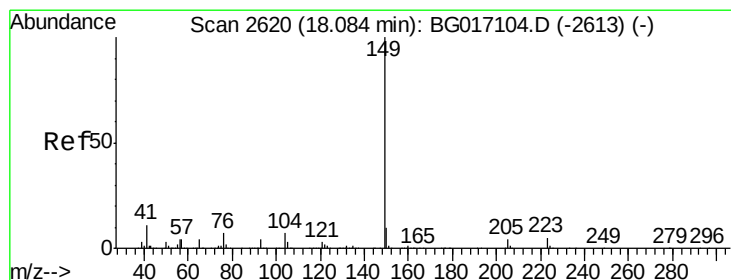
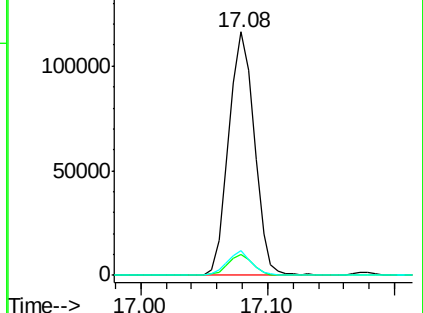
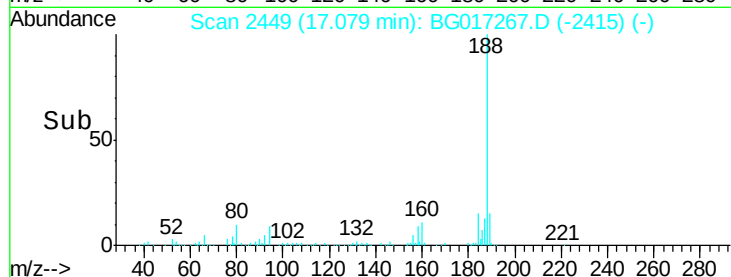
80 10.4 6.5 9.7#



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



#73

Di-n-butylphthalate

Concen: 2.16 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

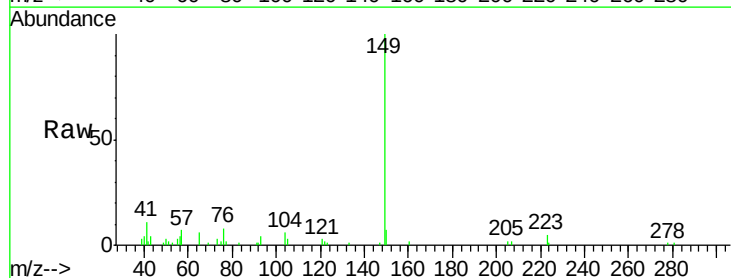
Tgt Ion:149 Resp: 22687

Ion Ratio Lower Upper

149 100

150 7.4 8.2 12.4#

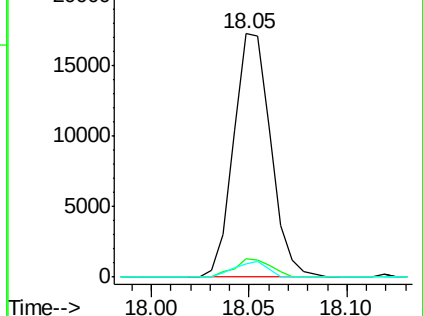
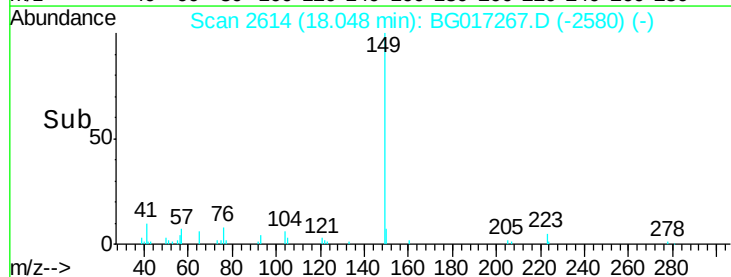
104 5.6 5.7 8.5#

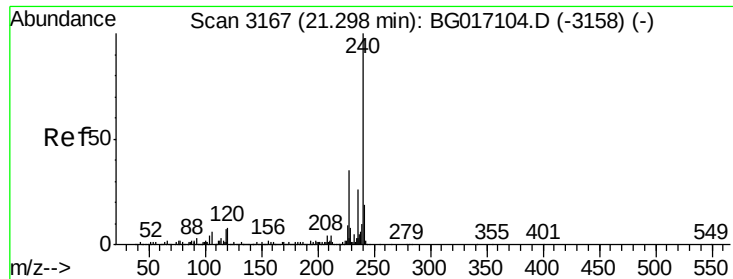


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FRACTANKSAMPLE1

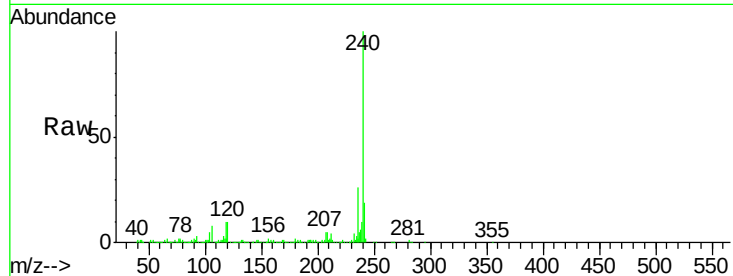
Tgt Ion:240 Resp: 179941

Ion Ratio Lower Upper

240 100

120 10.3 6.0 9.0#

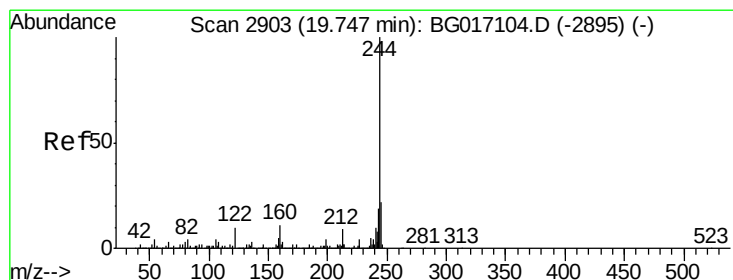
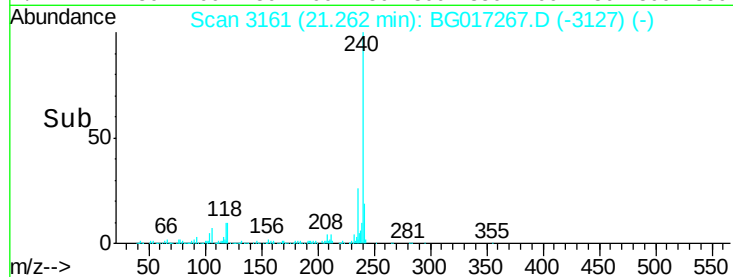
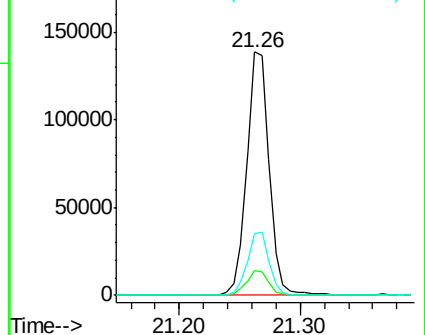
236 25.7 20.5 30.7



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: 89.02 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG017267.D

Acq: 23 May 2015 5:38

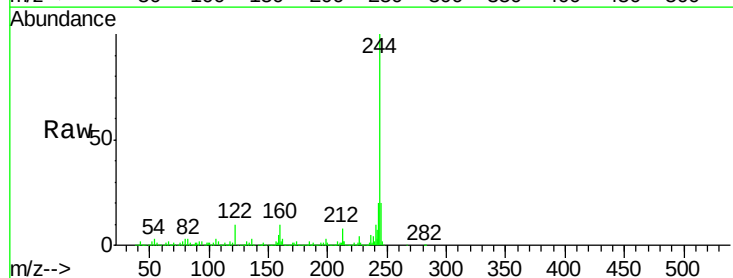
Tgt Ion:244 Resp: 768706

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

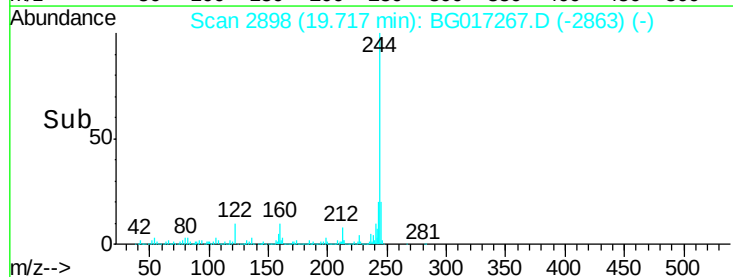
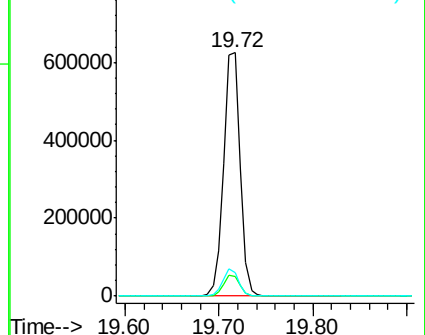
122 9.8 8.4 12.6

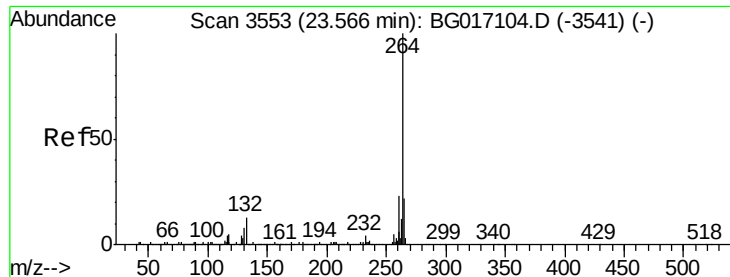


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG017267.D
Acq: 23 May 2015 5:38

Instrument :
BNA_G
ClientSampleId :
FRACTANKSAMPLE1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.0	27.0
265	22.7	17.4	26.0

