

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061615\
 Data File : BG017714.D
 Acq On : 17 Jun 2015 7:20
 Operator : TP/IZ
 Sample : PB83815BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BL

Quant Time: Jun 17 08:22:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\625-TERPINEOL-BG061615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 07:04:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	17023	20.00	ng	0.00
4) Naphthalene-d8	10.31	136	60148	20.00	ng	0.00
7) Acenaphthene-d10	14.19	164	49596	20.00	ng	0.00
10) Phenanthrene-d10	16.95	188	137079	20.00	ng	0.00
11) Chrysene-d12	21.15	240	230712	20.00	ng	0.00
13) Perylene-d12	23.34	264	195496	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.09	112	116105	146.72	ng	0.00
3) Phenol-d6	6.72	99	150049	151.17	ng	0.00
5) Nitrobenzene-d5	8.67	82	117047	99.35	ng	0.00
8) 2,4,6-Tribromophenol	15.70	330	86213	140.48	ng	0.00
9) 2-Fluorobiphenyl	12.80	172	278969	91.43	ng	0.00
12) Terphenyl-d14	19.59	244	870352	86.67	ng	0.00

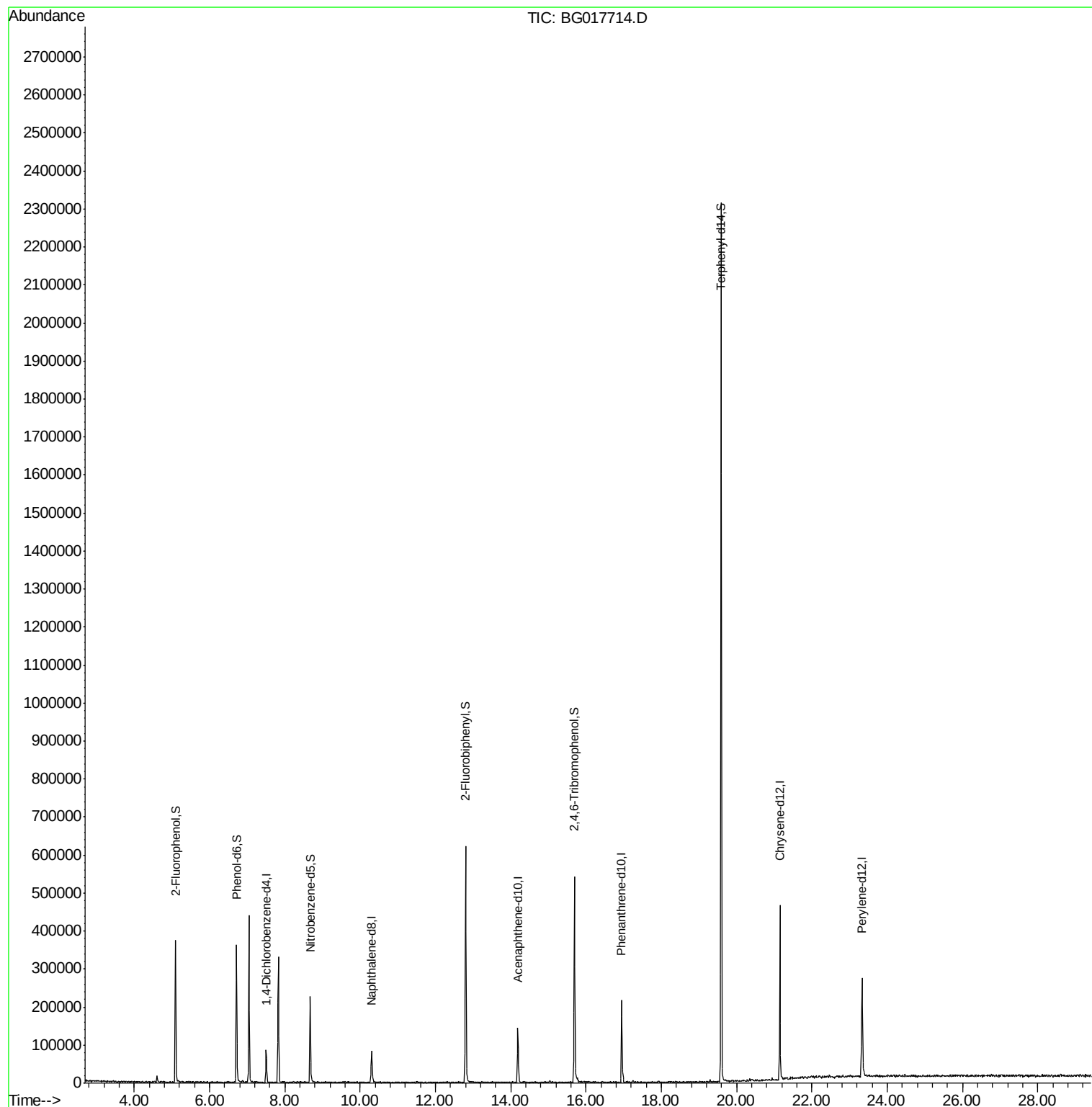
Target Compounds	Qvalue
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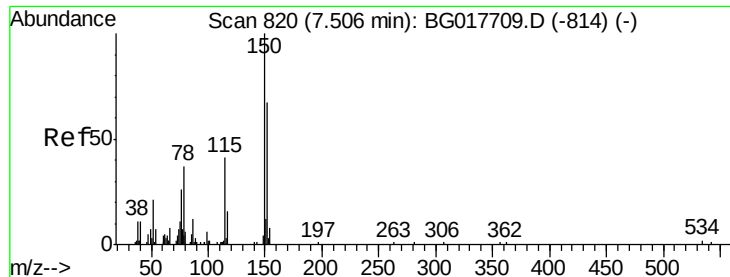
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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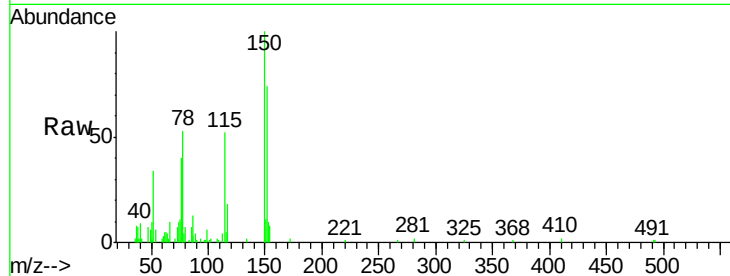


#1

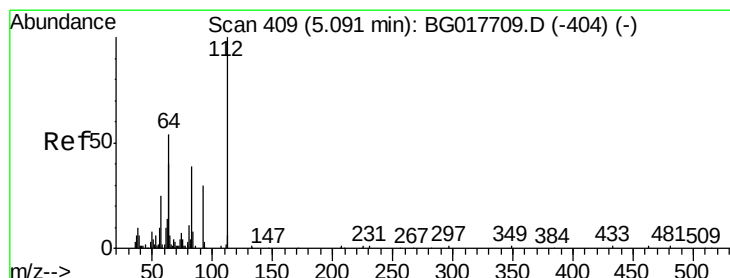
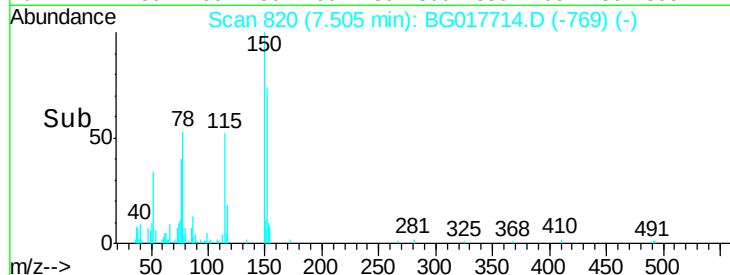
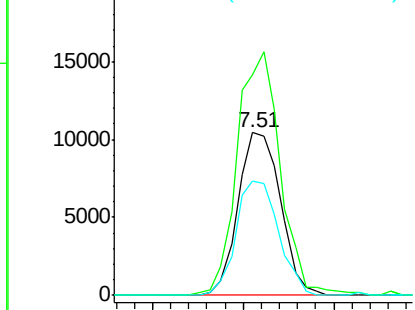
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG017714.D
Acq: 17 Jun 2015 7:20

Instrument :
BNA_G
ClientSampleId :
PB83815BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.1	119.8	179.6
115	70.4	49.6	74.4



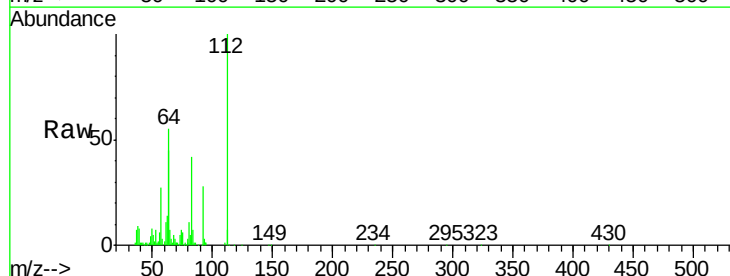
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



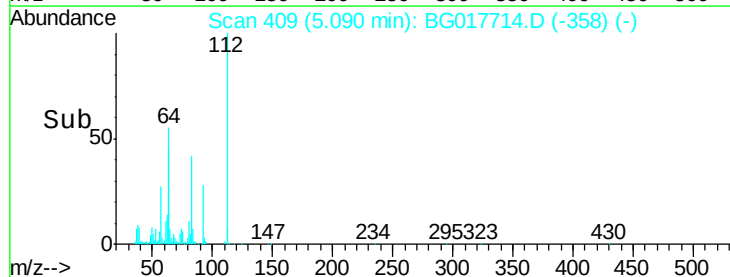
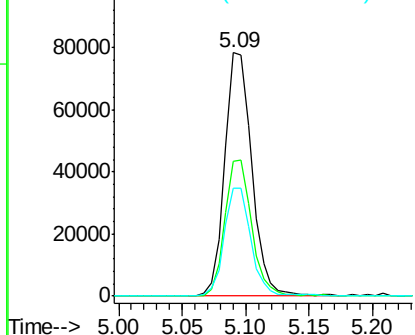
#2

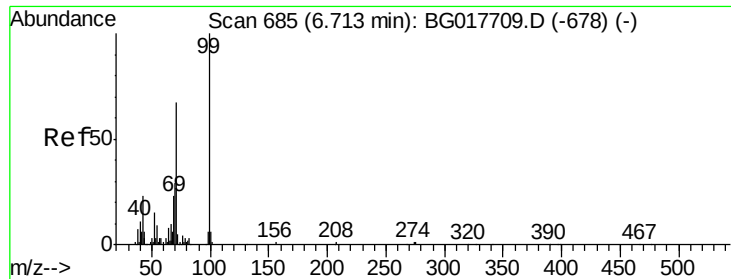
2-Fluorophenol
Concen: 146.72 ng
RT: 5.09 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG017714.D
Acq: 17 Jun 2015 7:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.5	65.3
63	44.5	32.2	48.2



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





#3

Phenol-d6

Concen: 151.17 ng

RT: 6.72 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Instrument :

BNA_G

ClientSampleId :

PB83815BL

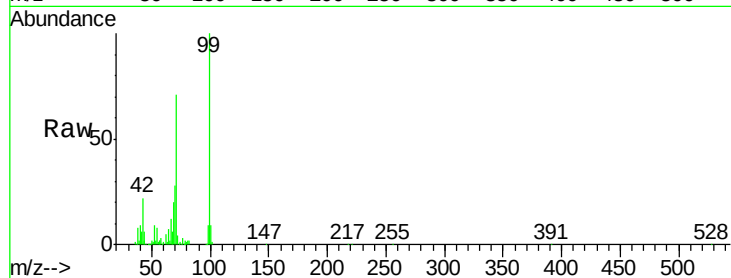
Tgt Ion: 99 Resp: 150049

Ion Ratio Lower Upper

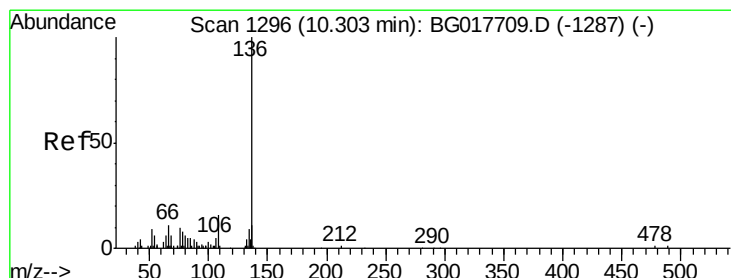
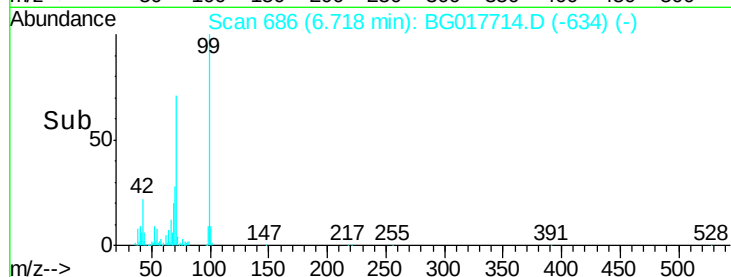
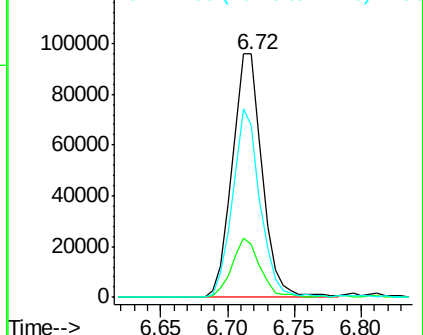
99 100

42 21.9 18.8 28.2

71 70.5 53.8 80.8



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



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Tgt Ion: 136 Resp: 60148

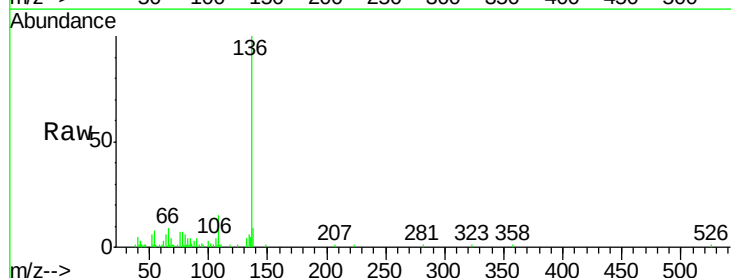
Ion Ratio Lower Upper

136 100

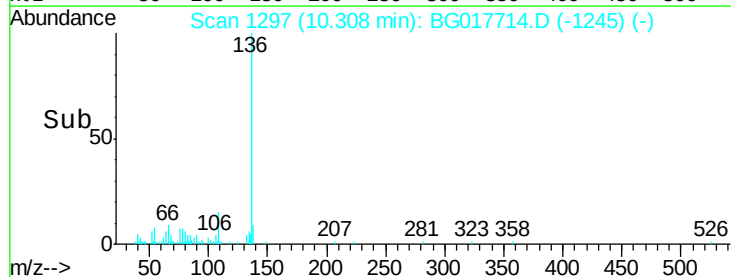
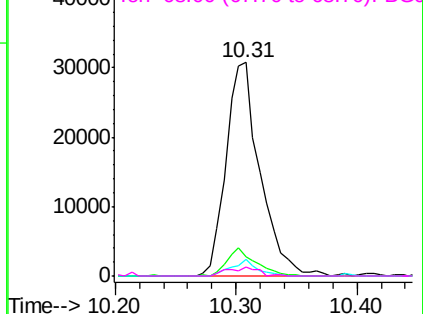
137 8.8 9.0 13.4#

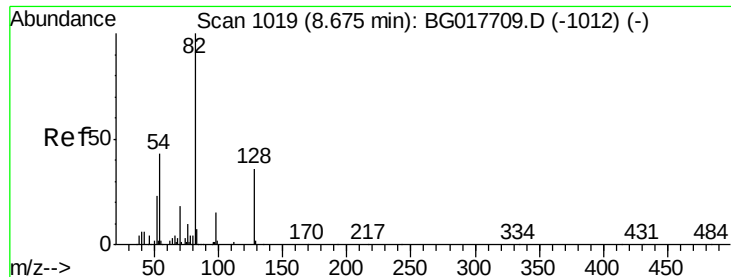
54 7.7 4.4 6.6#

68 4.4 5.0 7.6#



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





#5

Nitrobenzene-d5

Concen: 99.35 ng

RT: 8.67 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Instrument :

BNA_G

ClientSampleId :

PB83815BL

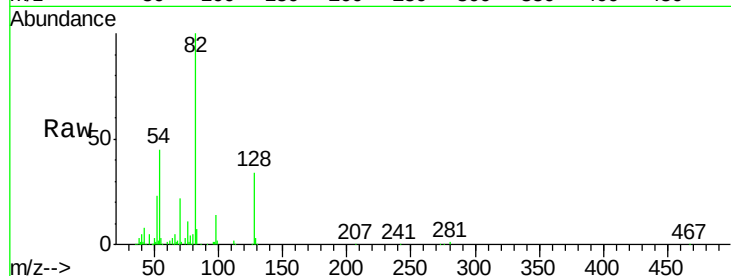
Tgt Ion: 82 Resp: 117047

Ion Ratio Lower Upper

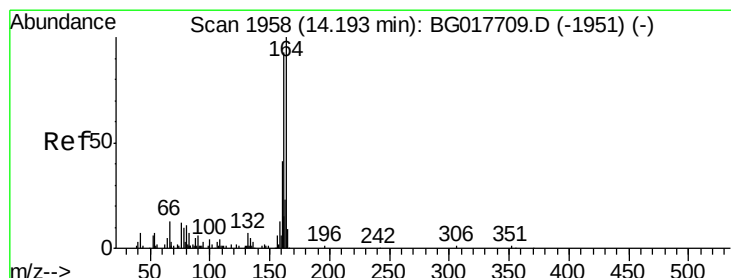
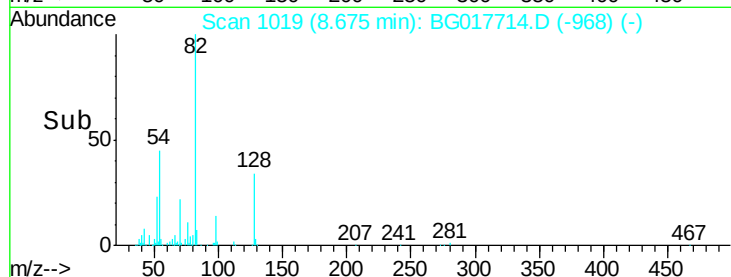
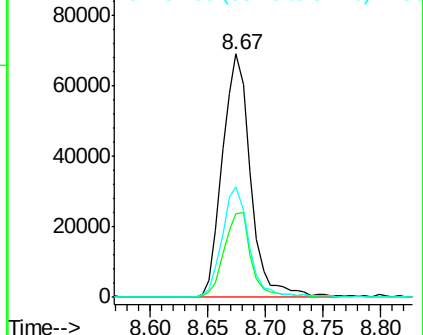
82 100

128 34.2 29.0 43.4

54 45.3 34.5 51.7



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



#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.19 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

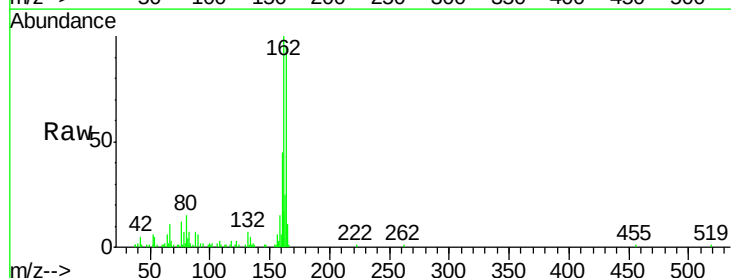
Tgt Ion: 164 Resp: 49596

Ion Ratio Lower Upper

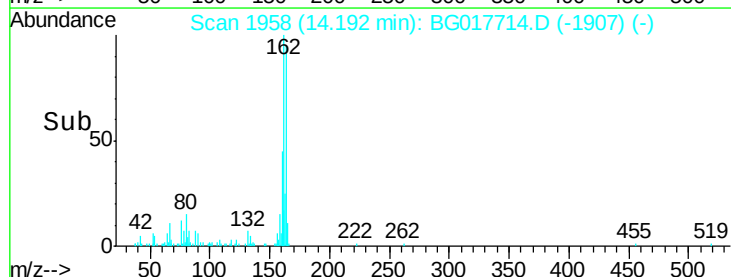
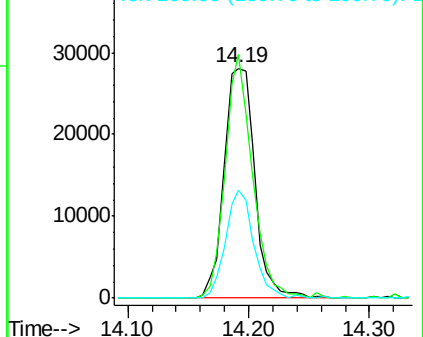
164 100

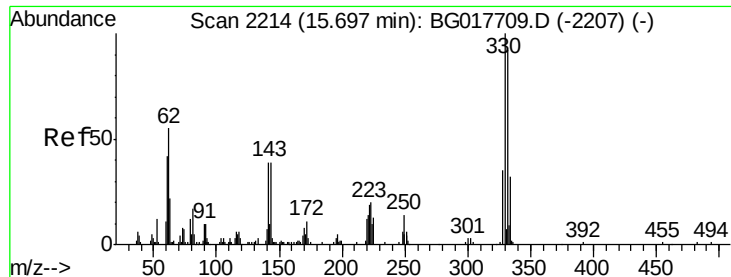
162 105.8 74.5 111.7

160 47.1 32.7 49.1



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





#8

2,4,6-Tribromophenol

Concen: 140.48 ng

RT: 15.70 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Instrument :

BNA_G

ClientSampled :

PB83815BL

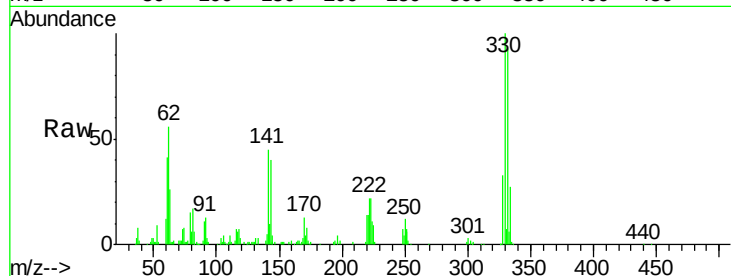
Tgt Ion:330 Resp: 86213

Ion Ratio Lower Upper

330 100

332 93.8 77.7 116.5

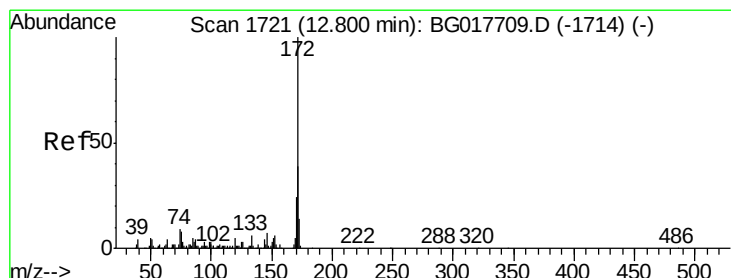
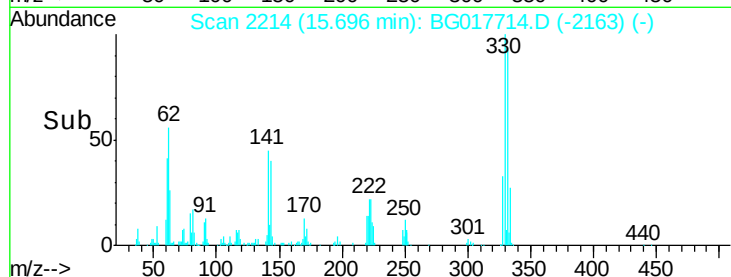
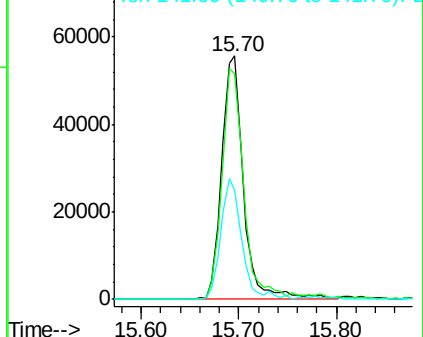
141 48.1 37.0 55.4



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



#9

2-Fluorobiphenyl

Concen: 91.43 ng

RT: 12.80 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

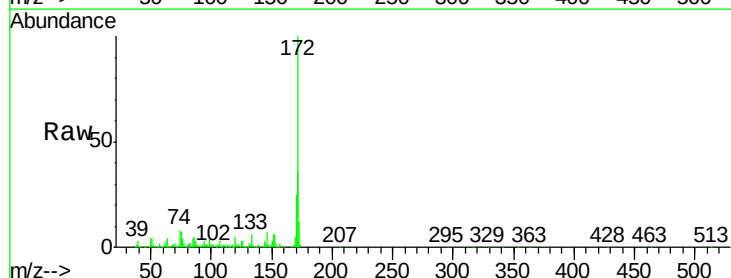
Tgt Ion:172 Resp: 278969

Ion Ratio Lower Upper

172 100

171 35.6 31.1 46.7

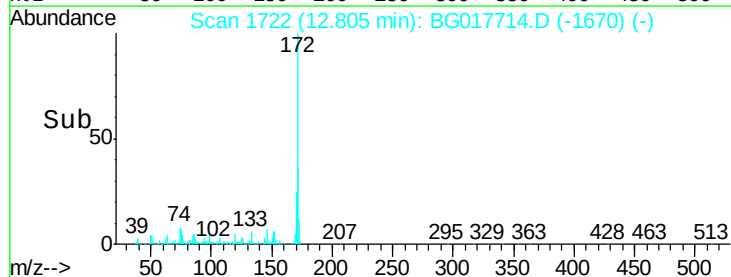
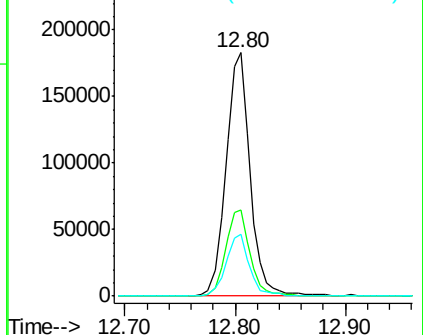
170 25.3 19.0 28.4

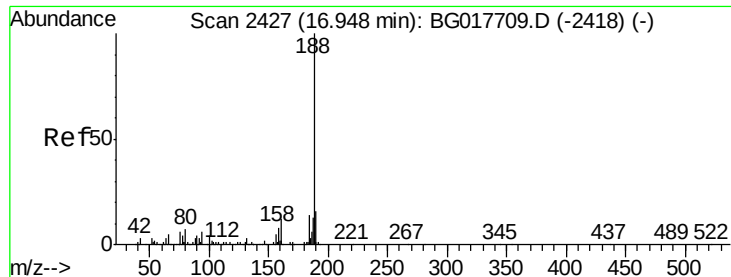


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#10

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.95 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Instrument :

BNA_G

ClientSampleId :

PB83815BL

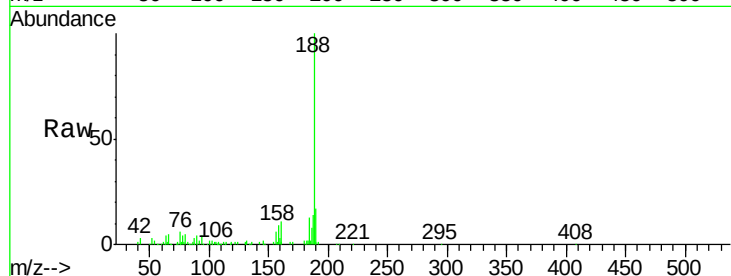
Tgt Ion:188 Resp: 137079

Ion Ratio Lower Upper

188 100

94 3.9 4.6 7.0#

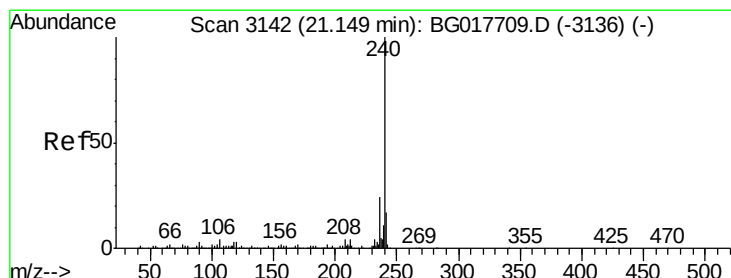
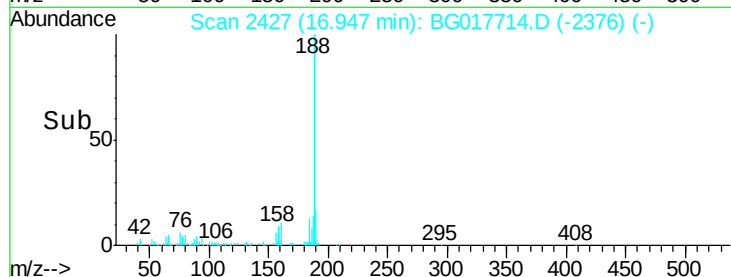
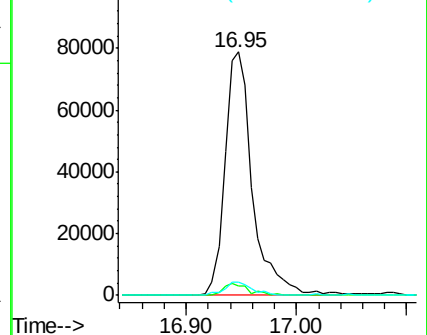
80 5.4 5.6 8.4#



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



#11

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

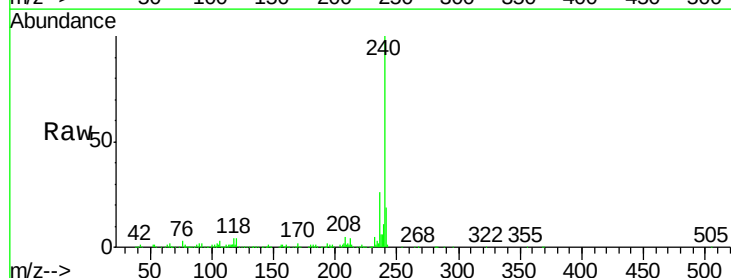
Tgt Ion:240 Resp: 230712

Ion Ratio Lower Upper

240 100

120 4.4 2.4 3.6#

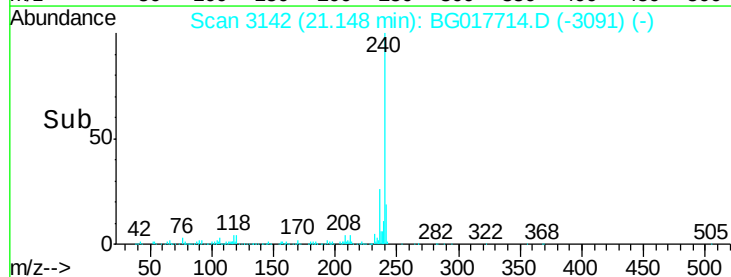
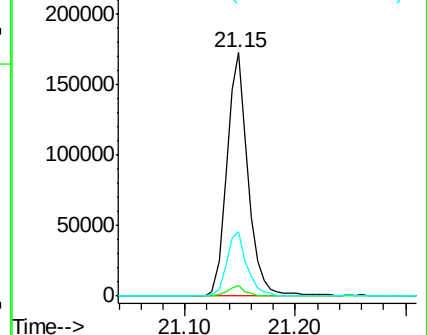
236 26.3 19.5 29.3

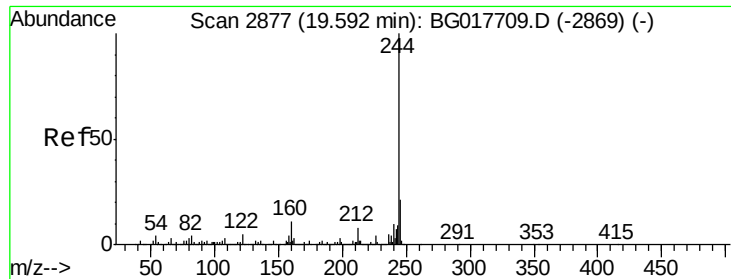


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#12

Terphenyl-d14

Concen: 86.67 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

Instrument :

BNA_G

ClientSampleId :

PB83815BL

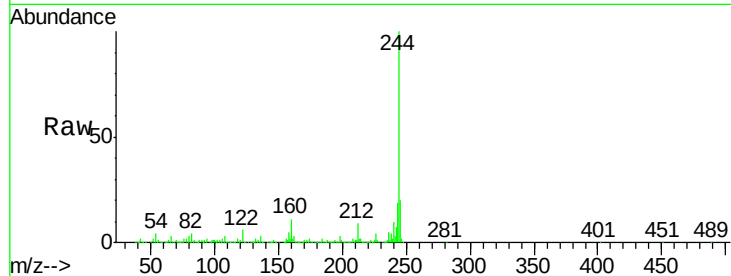
Tgt Ion:244 Resp: 870352

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

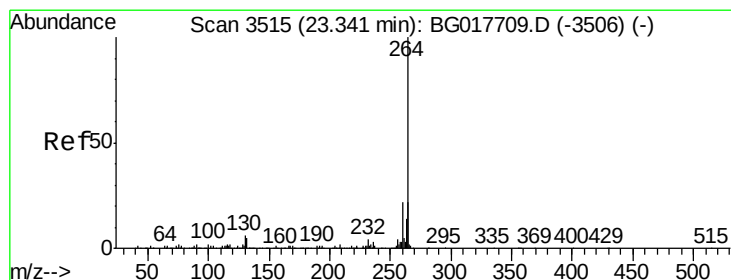
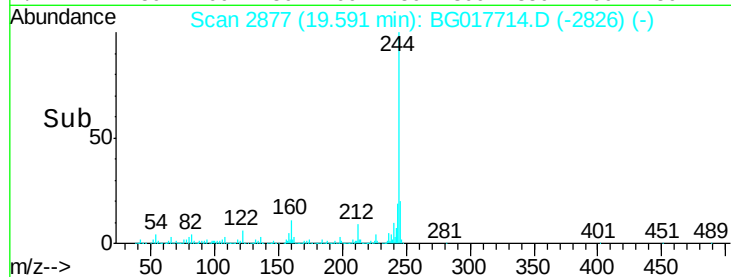
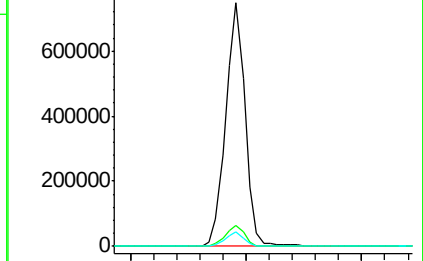
122 5.8 4.3 6.5



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



#13

Perylene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 3515

Delta R.T. -0.00 min

Lab File: BG017714.D

Acq: 17 Jun 2015 7:20

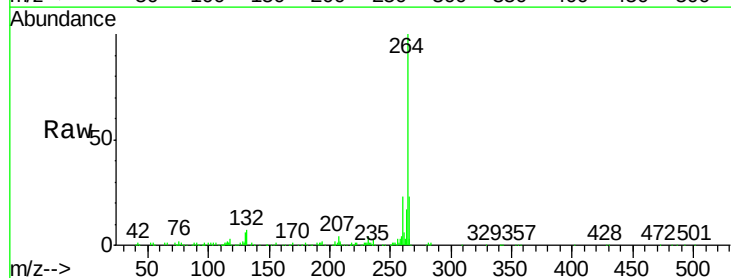
Tgt Ion:264 Resp: 195496

Ion Ratio Lower Upper

264 100

260 23.3 17.3 25.9

265 23.3 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

