

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017746.D
 Acq On : 22 Jun 2015 15:42
 Operator : TP/IZ
 Sample : PB84121BL
 Misc : LOD/LOQ-SVOC-SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84121BL

Quant Time: Jun 23 02:25:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	69805	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	306240	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	177656	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	409966	20.00	ng	-0.02
75) Chrysene-d12	21.22	240	436222	20.00	ng	-0.02
86) Perylene-d12	23.44	264	409402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	513842	129.18	ng	-0.01
7) Phenol-d6	6.78	99	683745	122.30	ng	-0.02
23) Nitrobenzene-d5	8.76	82	412231	77.43	ng	-0.02
41) 2,4,6-Tribromophenol	15.76	330	176278	107.01	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	812318	74.26	ng	-0.02
78) Terphenyl-d14	19.66	244	1346026	70.11	ng	-0.02

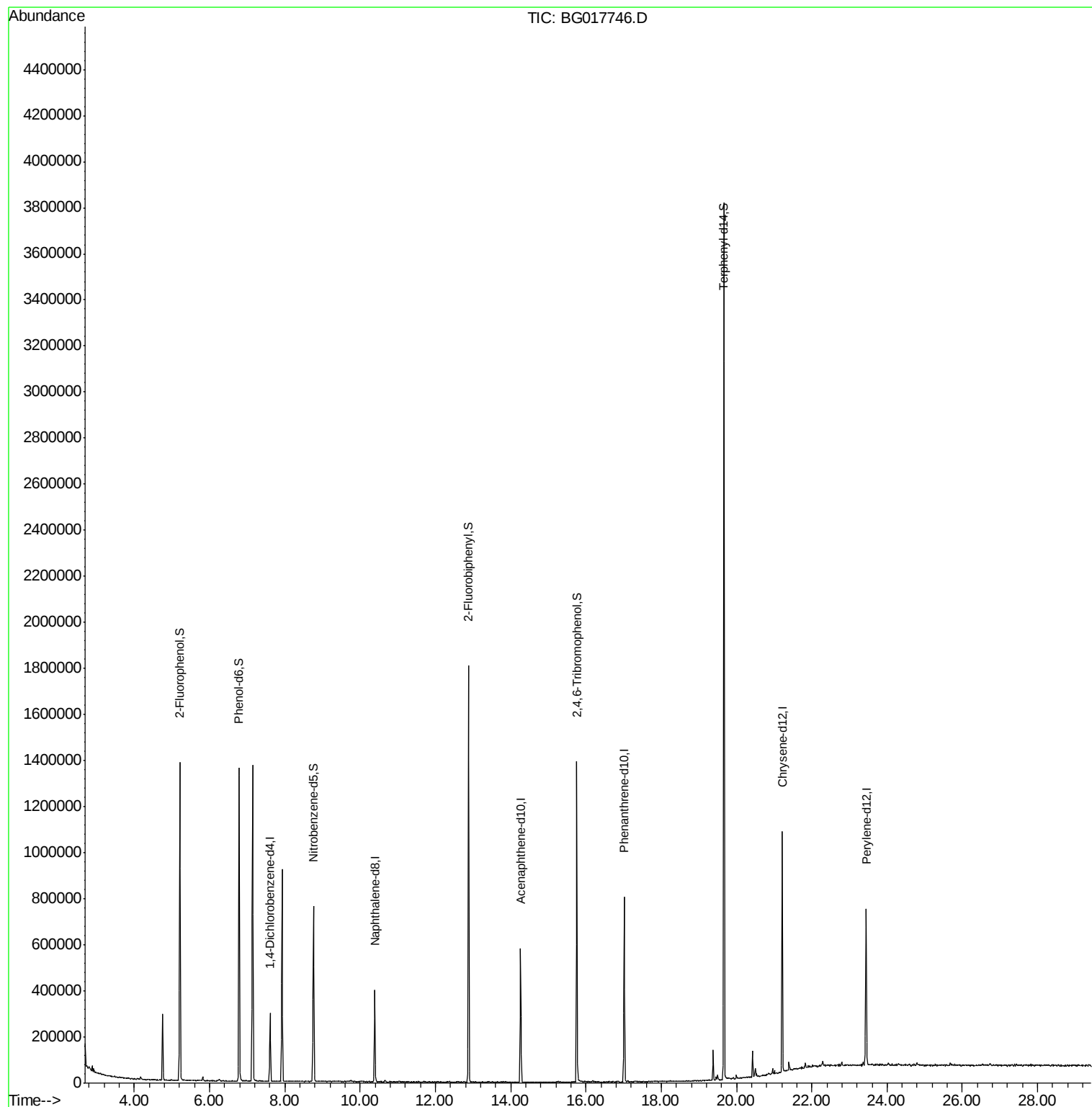
Target Compounds	Qvalue
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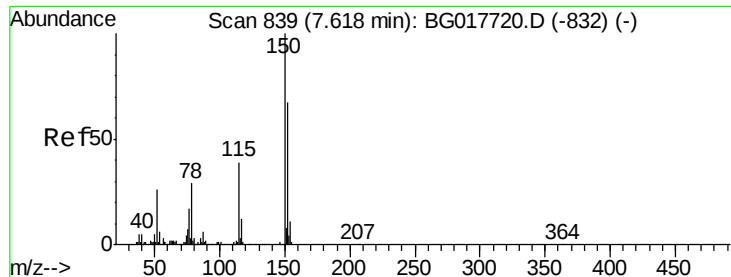
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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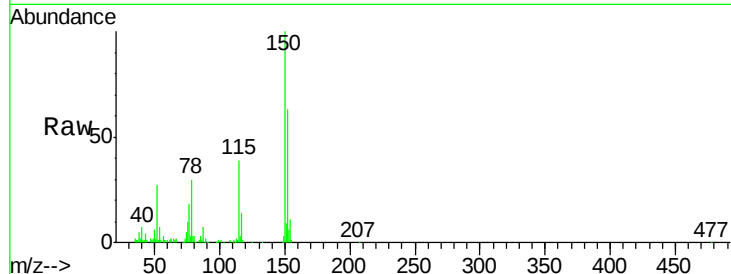


#1

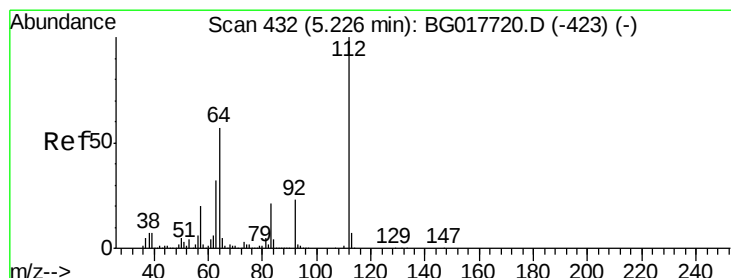
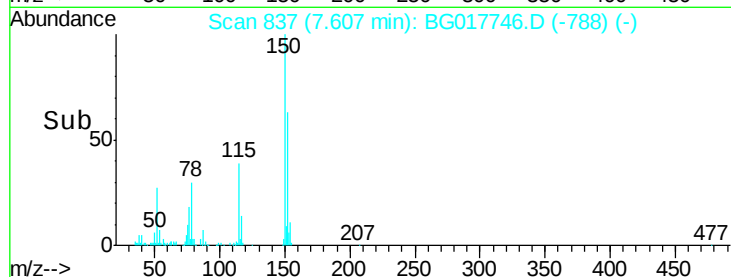
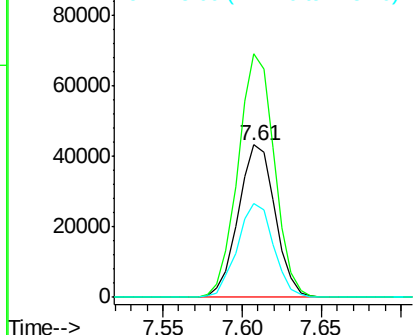
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Instrument :
BNA_G
ClientSampled :
PB84121BL

Tgt Ion:152 Resp: 69805
Ion Ratio Lower Upper
152 100
150 159.7 119.1 178.7
115 61.6 47.0 70.4



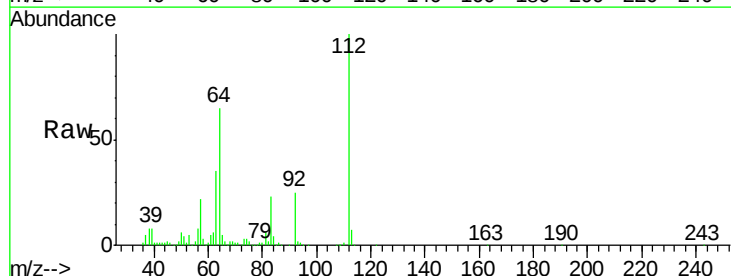
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



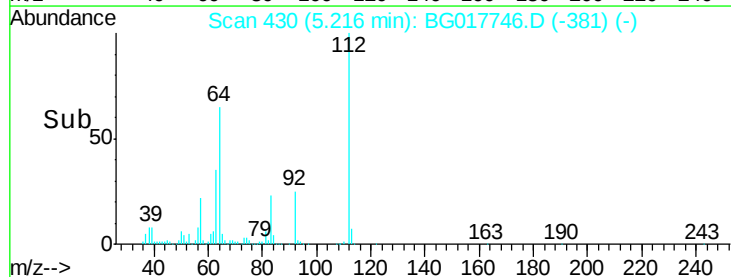
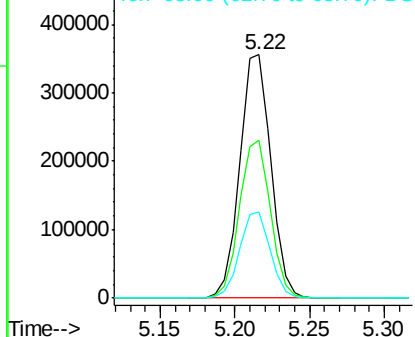
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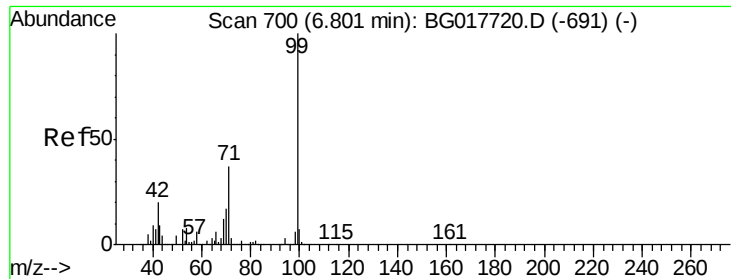
2-Fluorophenol
Concen: 129.18 ng
RT: 5.22 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Tgt Ion:112 Resp: 513842
Ion Ratio Lower Upper
112 100
64 64.9 45.4 68.0
63 35.4 25.3 37.9



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: 122.30 ng

RT: 6.78 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG017746.D

Acq: 22 Jun 2015 15:42

Instrument :

BNA_G

ClientSampleId :

PB84121BL

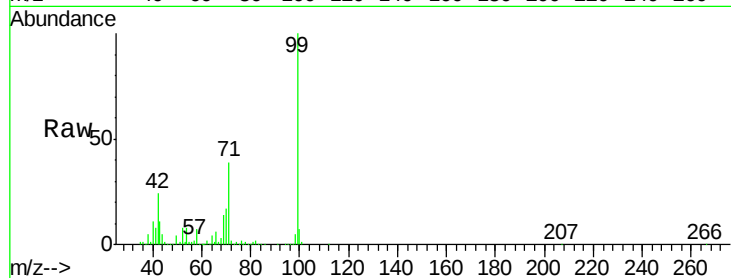
Tgt Ion: 99 Resp: 683745

Ion Ratio Lower Upper

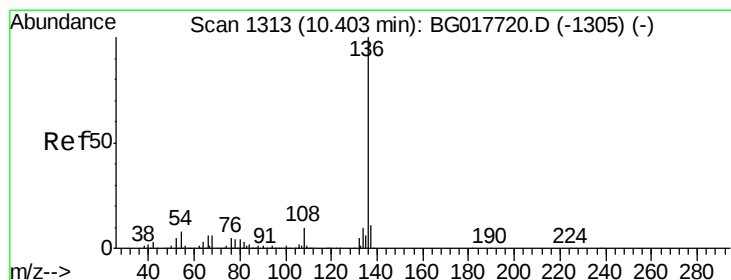
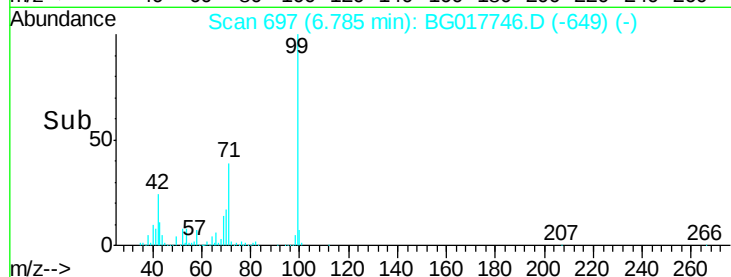
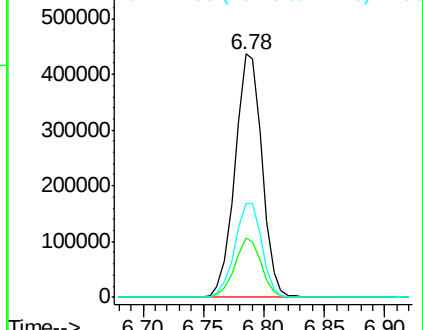
99 100

42 24.2 16.2 24.4

71 38.6 29.5 44.3



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: 20.00 ng

RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017746.D

Acq: 22 Jun 2015 15:42

Tgt Ion: 136 Resp: 306240

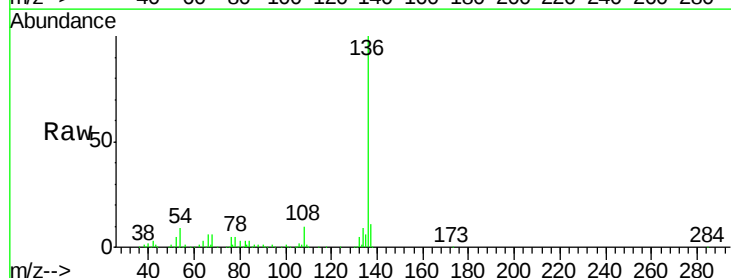
Ion Ratio Lower Upper

136 100

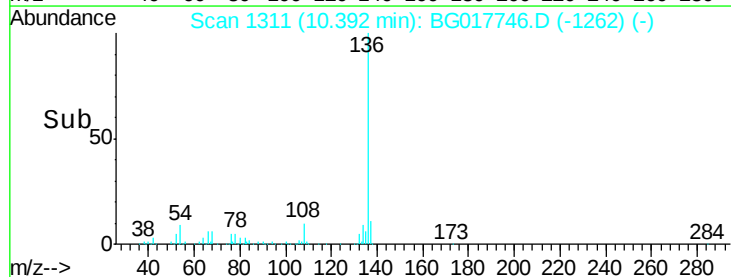
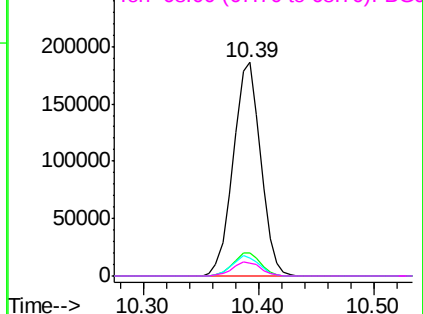
137 10.6 8.8 13.2

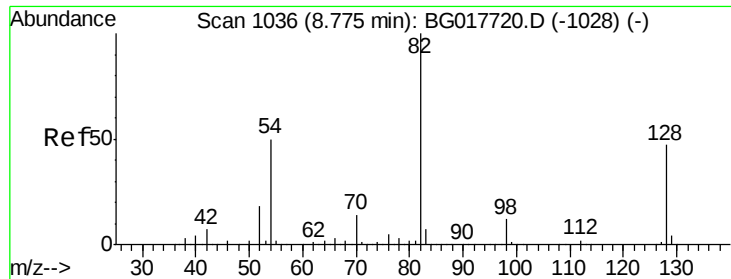
54 8.6 6.6 9.8

68 6.2 5.1 7.7



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

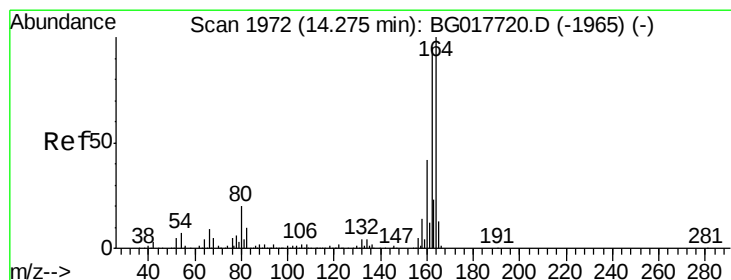
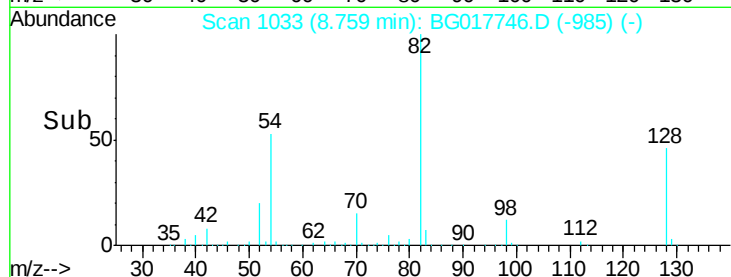
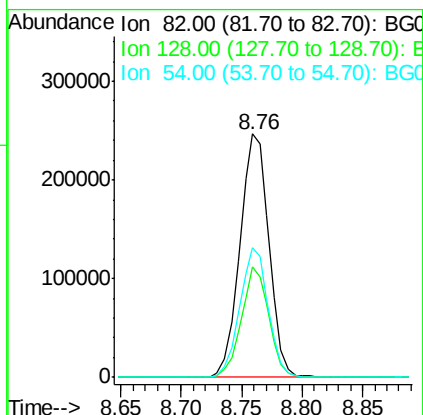
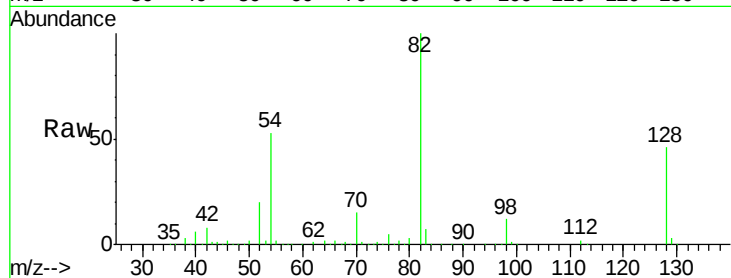




#23
Nitrobenzene-d5
Concen: 77.43 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

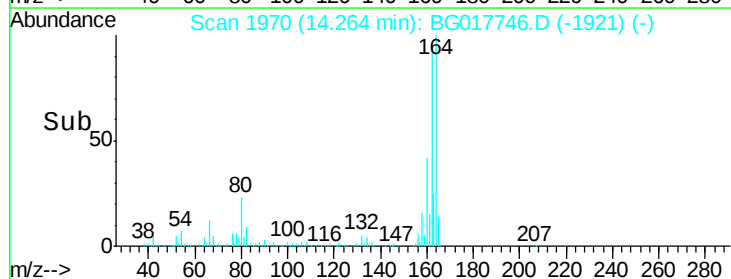
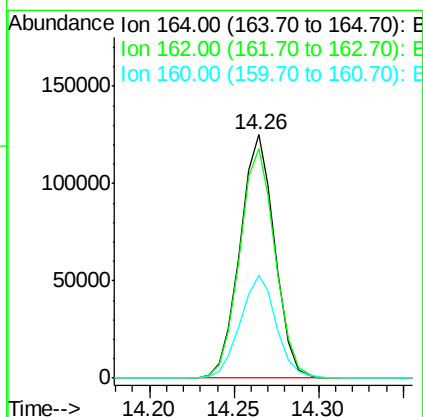
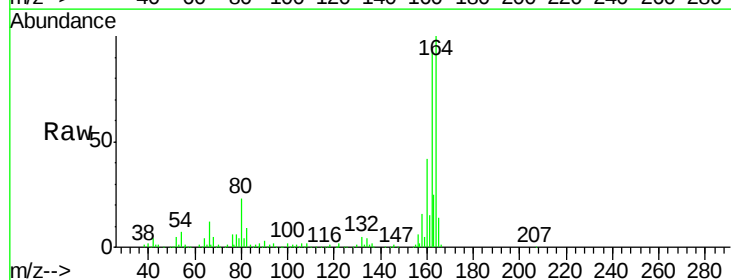
Instrument :
BNA_G
ClientSampleId :
PB84121BL

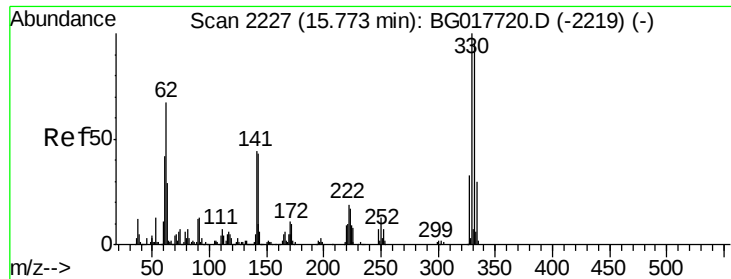
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.8	56.6
54	53.4	39.9	59.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.26 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.1	76.3	114.5
160	42.0	33.7	50.5

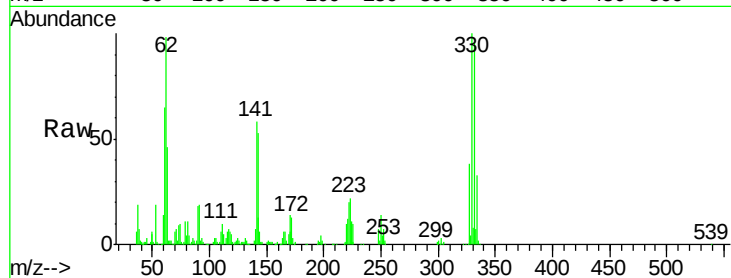




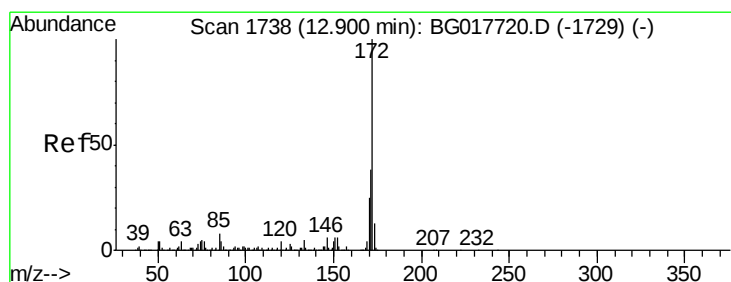
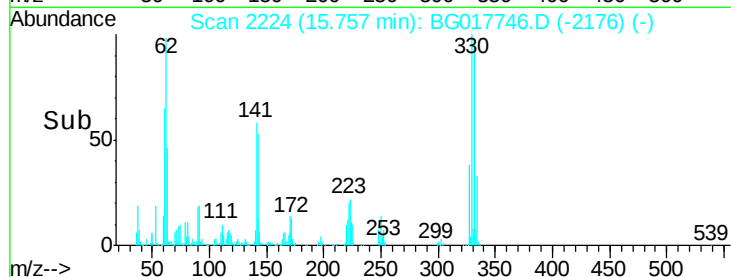
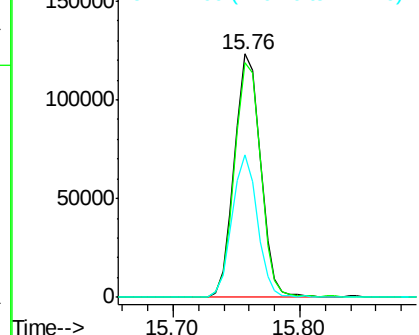
#41
2,4,6-Tribromophenol
Concen: 107.01 ng
RT: 15.76 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Instrument :
BNA_G
ClientSampleId :
PB84121BL

Tgt Ion:330 Resp: 176278
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 56.4 38.0 57.0

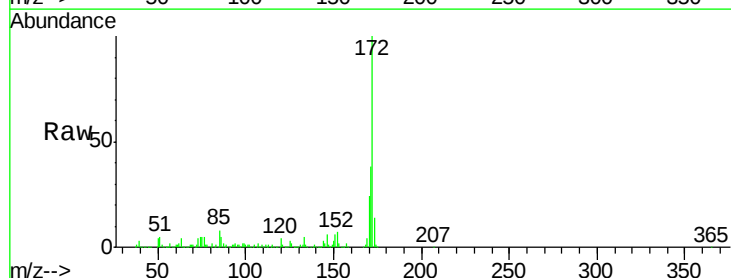


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

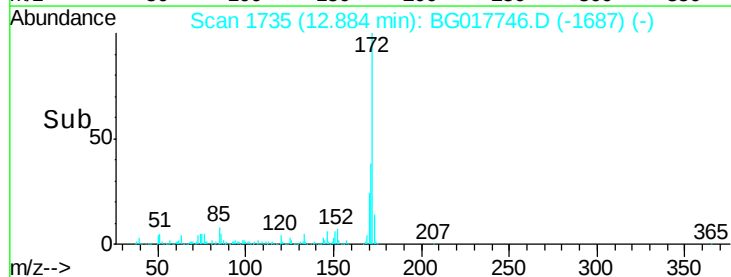
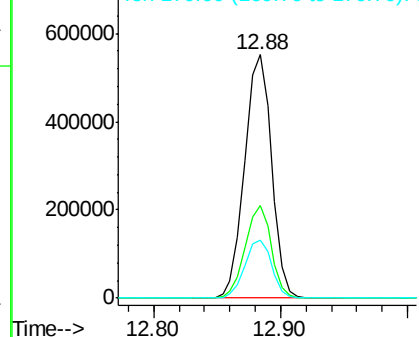


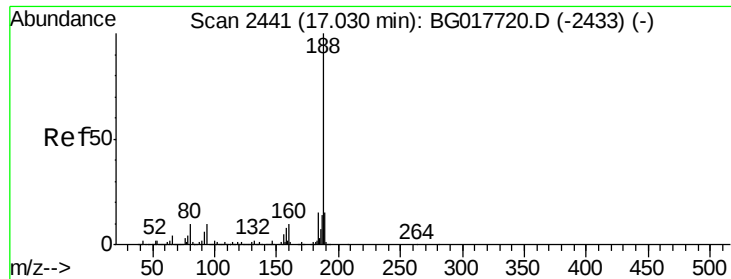
#44
2-Fluorobiphenyl
Concen: 74.26 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Tgt Ion:172 Resp: 812318
Ion Ratio Lower Upper
172 100
171 38.2 30.7 46.1
170 23.9 19.7 29.5



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

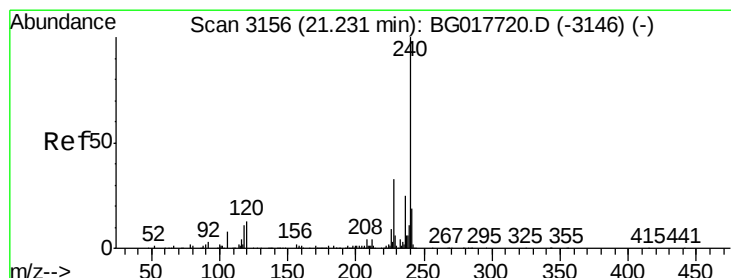
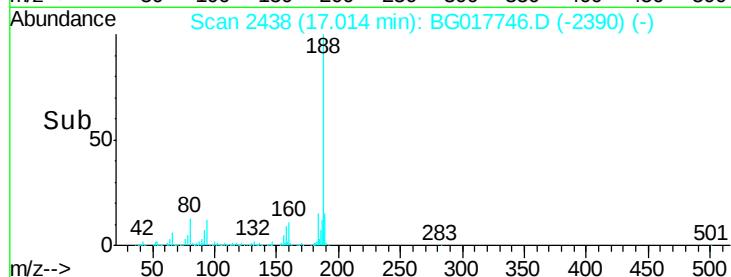
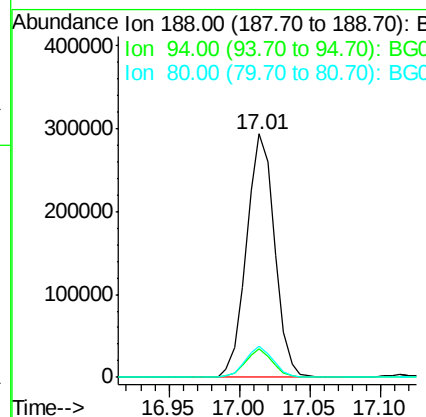
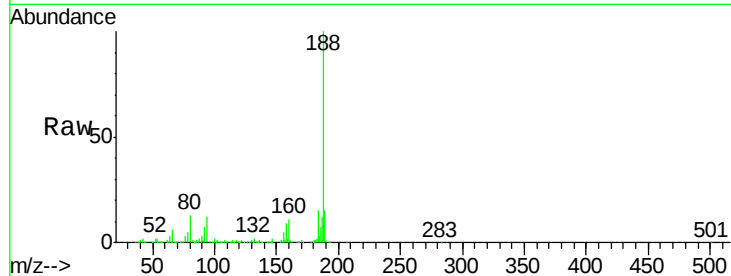




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

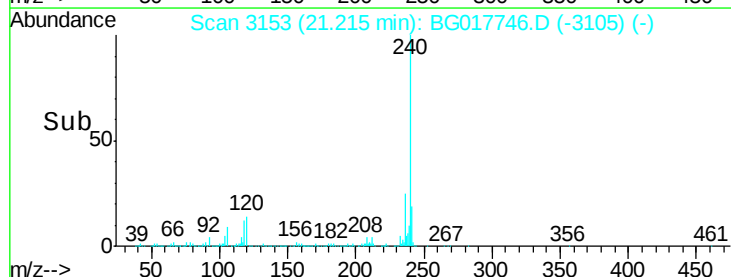
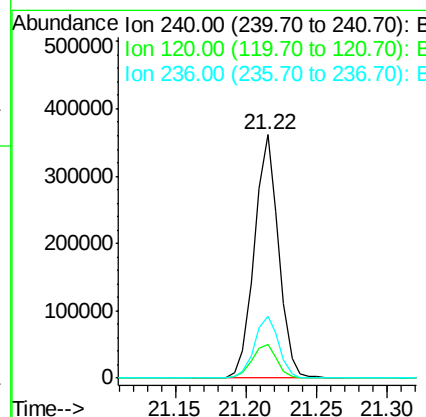
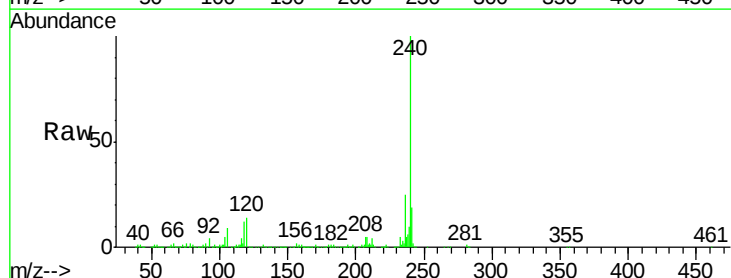
Instrument :
BNA_G
ClientSampleId :
PB84121BL

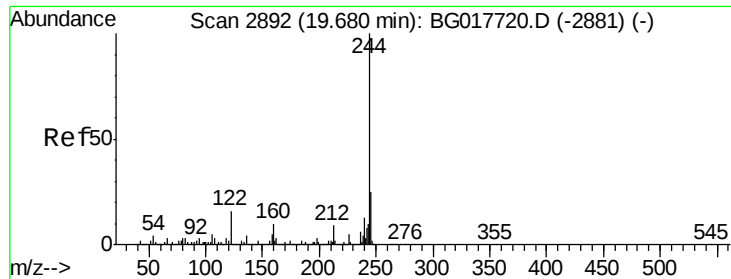
Tgt Ion:188 Resp: 409966
Ion Ratio Lower Upper
188 100
94 11.7 8.2 12.2
80 13.0 8.2 12.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG017746.D
Acq: 22 Jun 2015 15:42

Tgt Ion:240 Resp: 436222
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 25.4 20.0 30.0





#78

Terphenyl-d14

Concen: 70.11 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017746.D

Acq: 22 Jun 2015 15:42

Instrument :

BNA_G

ClientSampled :

PB84121BL

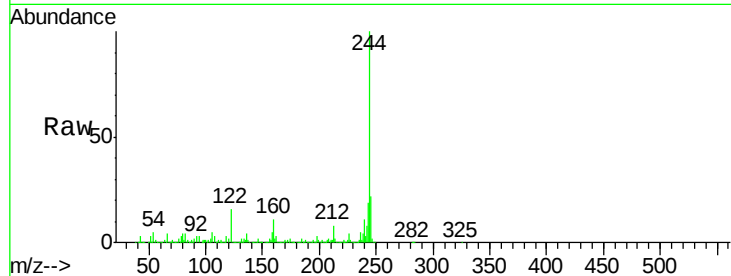
Tgt Ion:244 Resp: 1346026

Ion Ratio Lower Upper

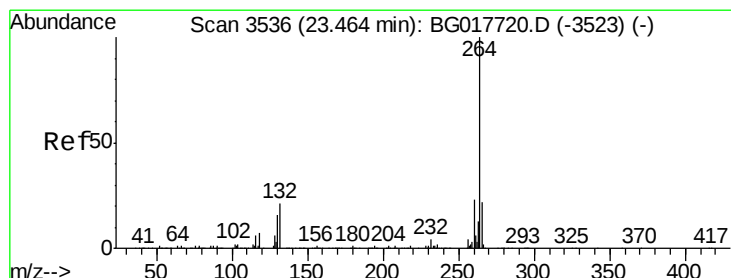
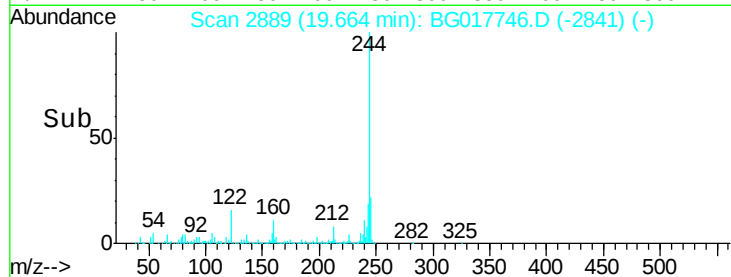
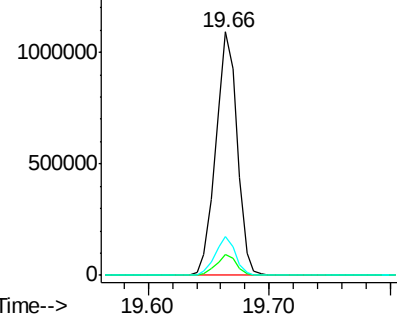
244 100

212 8.4 7.2 10.8

122 16.2 12.8 19.2



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: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017746.D

Acq: 22 Jun 2015 15:42

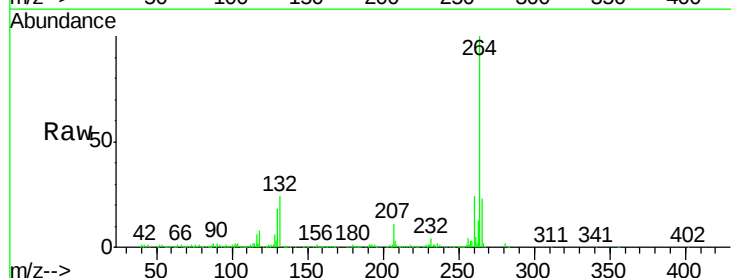
Tgt Ion:264 Resp: 409402

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.6 18.2 27.2



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

