

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
 Data File : BG017574.D
 Acq On : 9 Jun 2015 15:35
 Operator : TP/IZ
 Sample : PB83832BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83832BL

Quant Time: Jun 10 05:25:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 05:08:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	13857	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	55312	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	36789	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	94915	20.00	ng	0.00
75) Chrysene-d12	21.20	240	123407	20.00	ng	0.00
86) Perylene-d12	23.41	264	116614	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	115597	146.97	ng	0.00
7) Phenol-d6	6.79	99	142971	133.43	ng	0.00
23) Nitrobenzene-d5	8.74	82	102617	92.61	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	75519	147.79	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	224079	91.88	ng	0.00
78) Terphenyl-d14	19.64	244	507451	84.99	ng	0.00

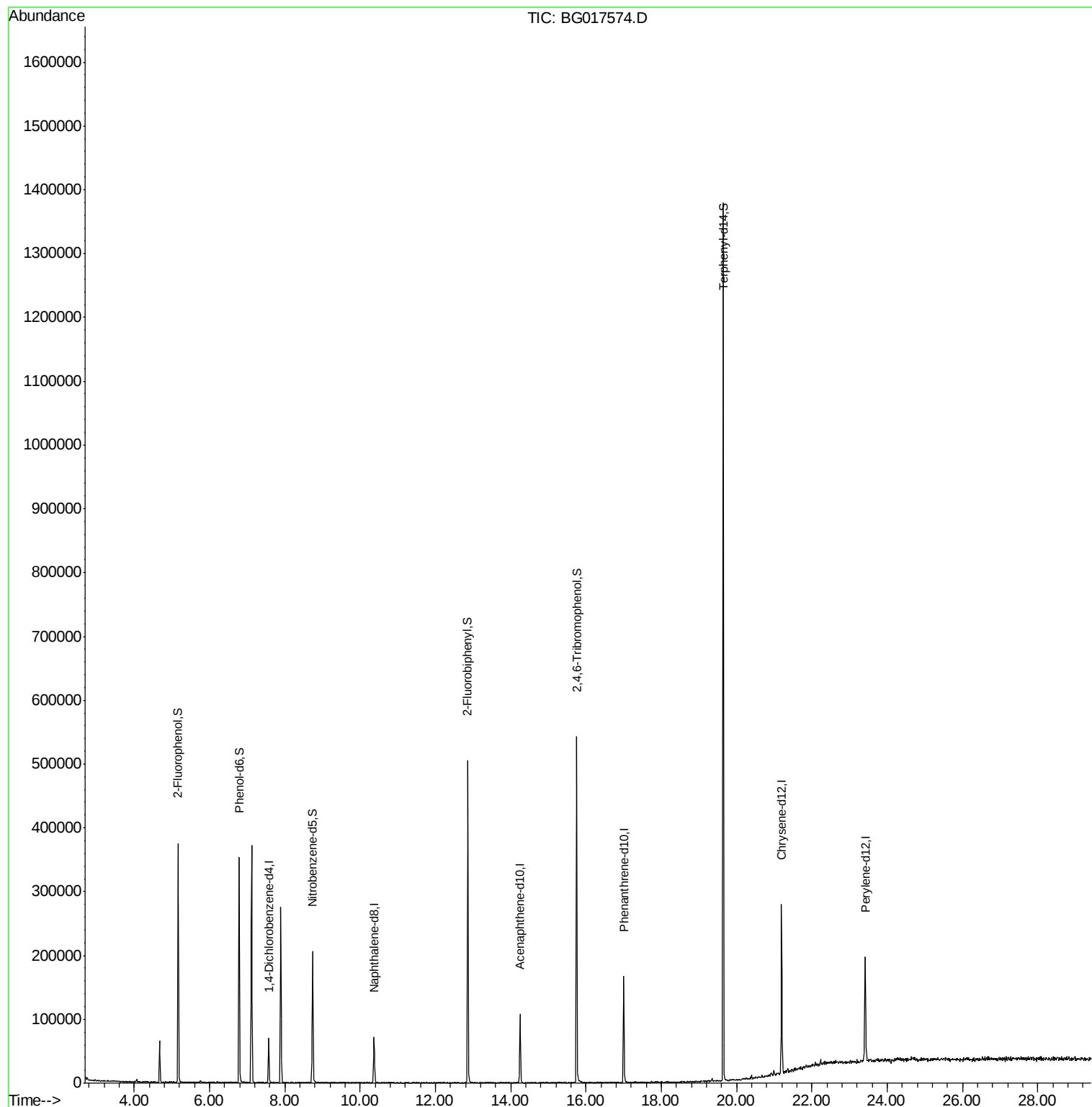
Target Compounds	Qvalue
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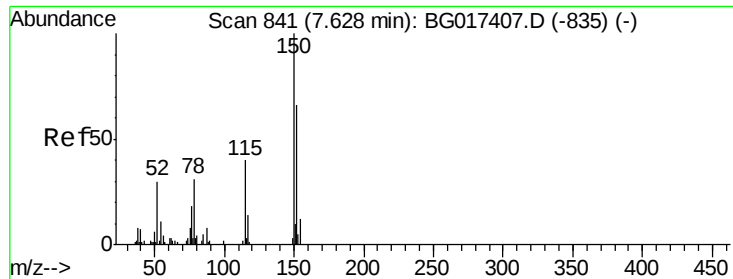
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
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PB83832BL

Quant Time: Jun 10 05:25:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

Instrument :

BNA_G

ClientSampleId :

PB83832BL

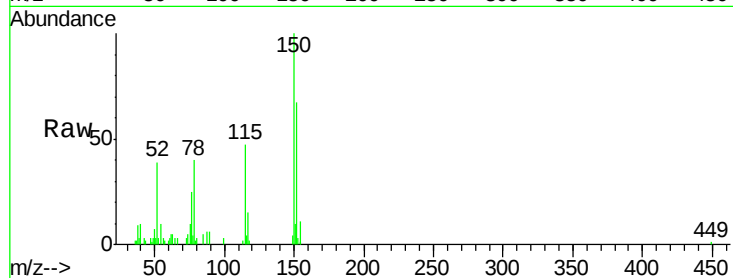
Tgt Ion:152 Resp: 13857

Ion Ratio Lower Upper

152 100

150 148.3 121.7 182.5

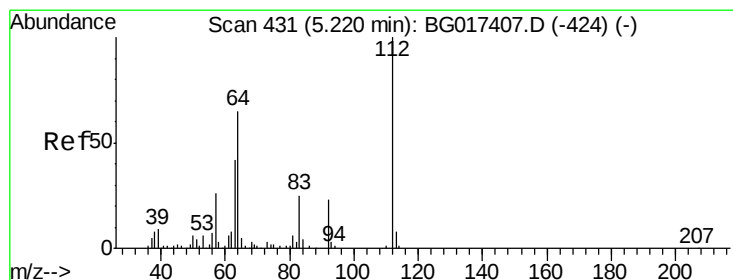
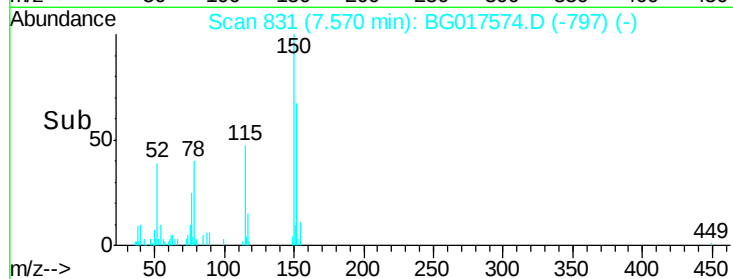
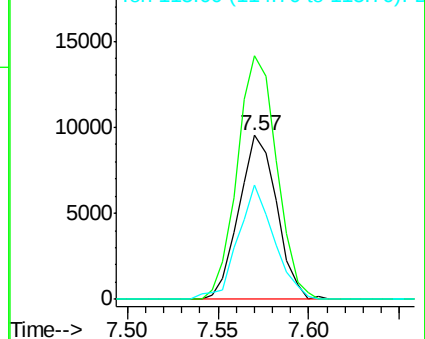
115 69.4 48.6 73.0



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: 146.97 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

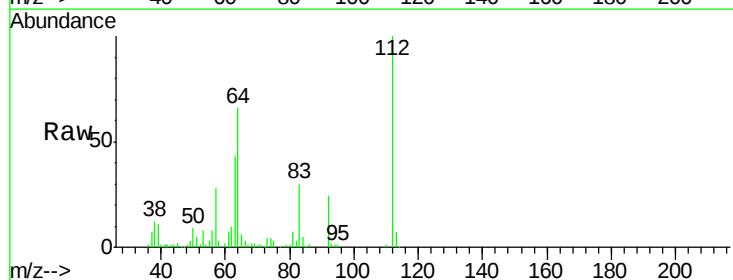
Tgt Ion:112 Resp: 115597

Ion Ratio Lower Upper

112 100

64 66.3 51.6 77.4

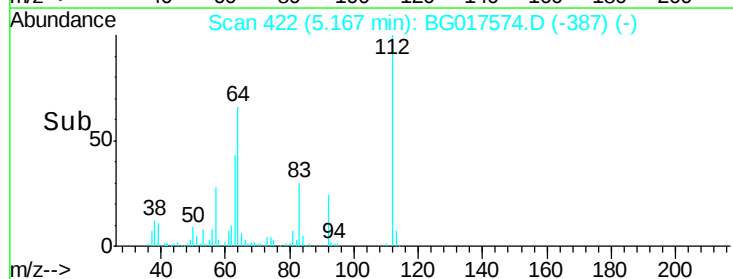
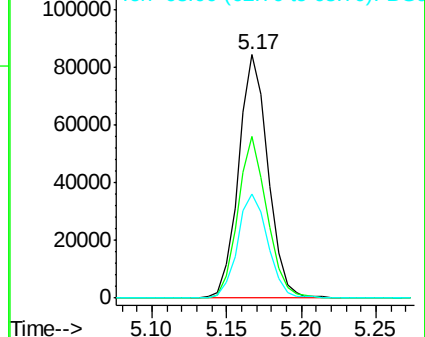
63 42.9 33.3 49.9

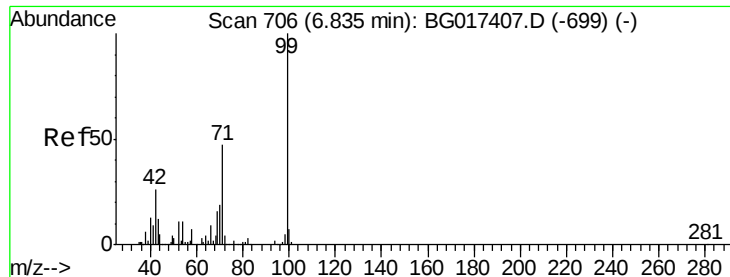


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.43 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

Instrument :

BNA_G

ClientSampleId :

PB83832BL

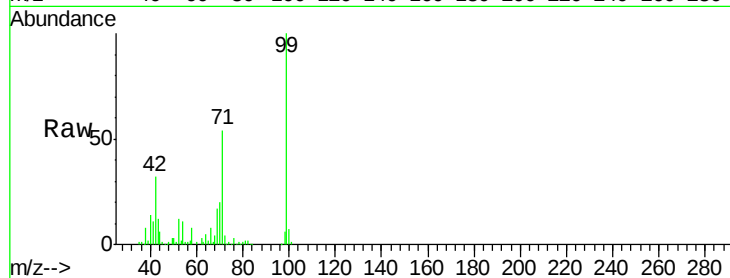
Tgt Ion: 99 Resp: 142971

Ion Ratio Lower Upper

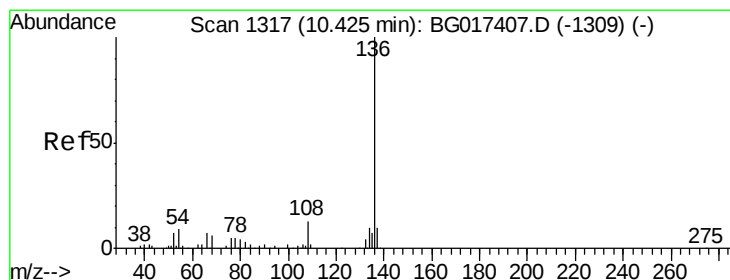
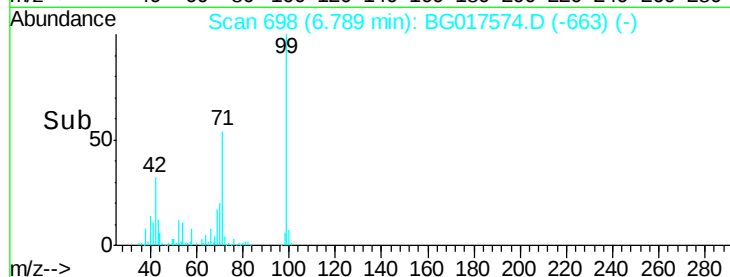
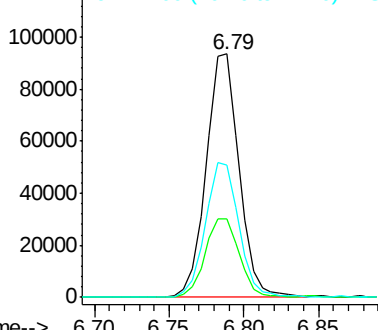
99 100

42 32.4 21.0 31.6#

71 54.4 37.2 55.8



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: 10.37 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

Tgt Ion: 136 Resp: 55312

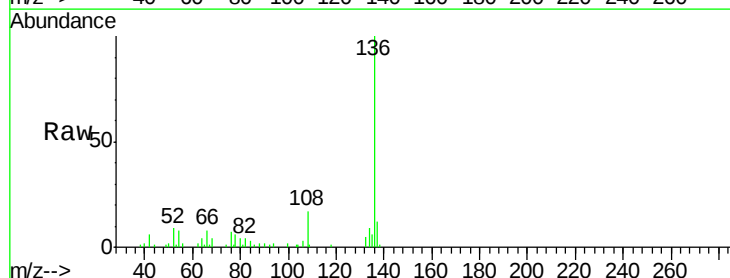
Ion Ratio Lower Upper

136 100

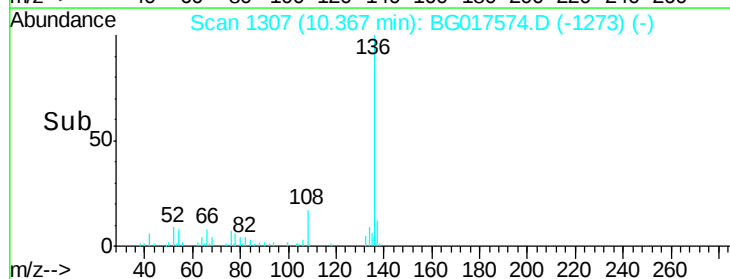
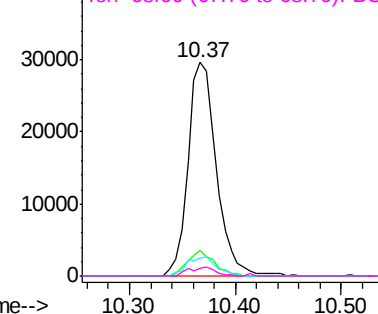
137 11.8 7.9 11.9

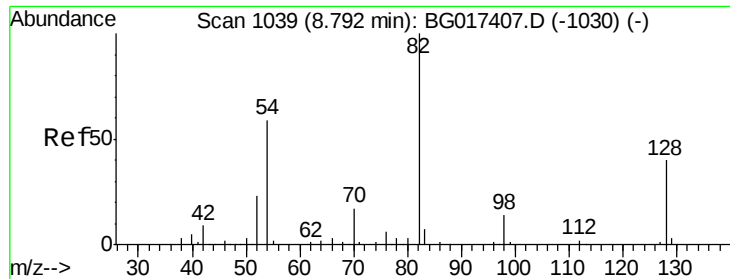
54 8.5 7.2 10.8

68 3.6 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

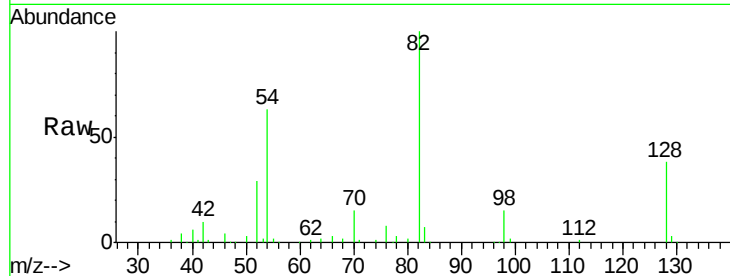




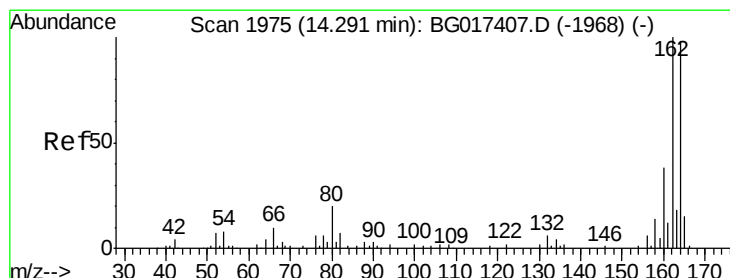
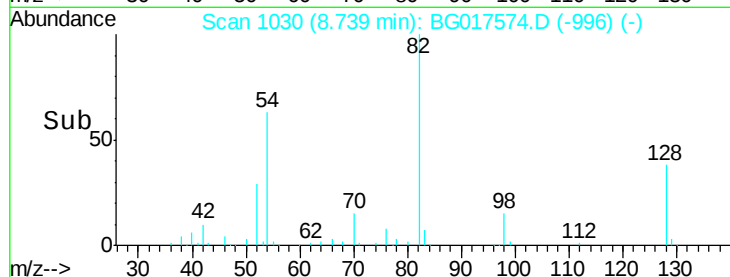
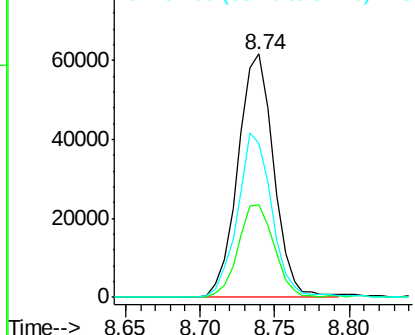
#23
 Nitrobenzene-d5
 Concen: 92.61 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017574.D
 Acq: 9 Jun 2015 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB83832BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.2	48.4
54	63.3	47.4	71.2

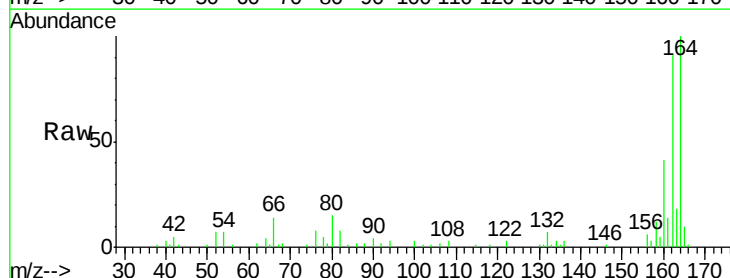


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

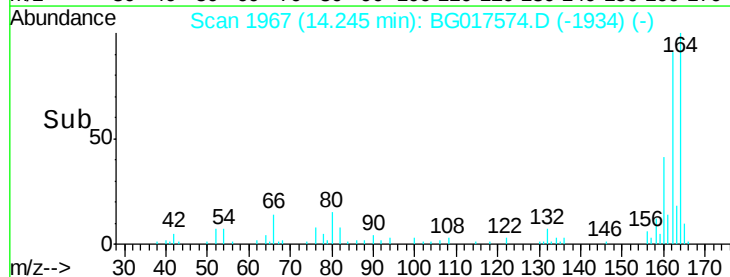
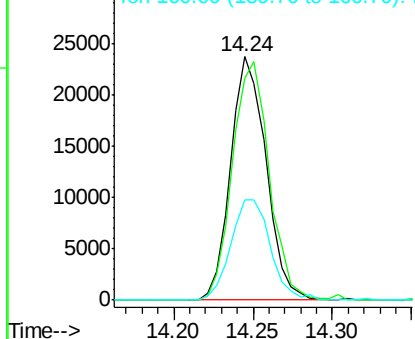


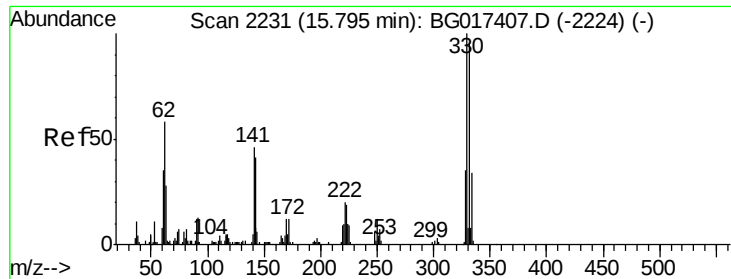
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG017574.D
 Acq: 9 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.0	81.8	122.6
160	41.2	31.0	46.4



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

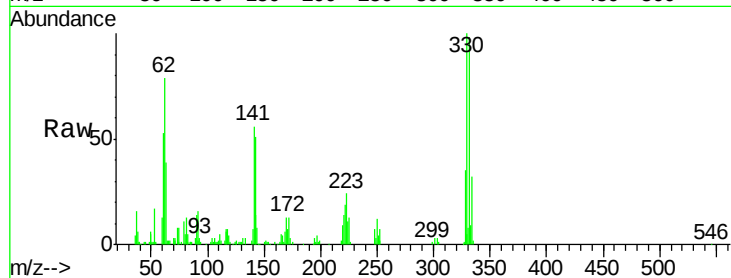




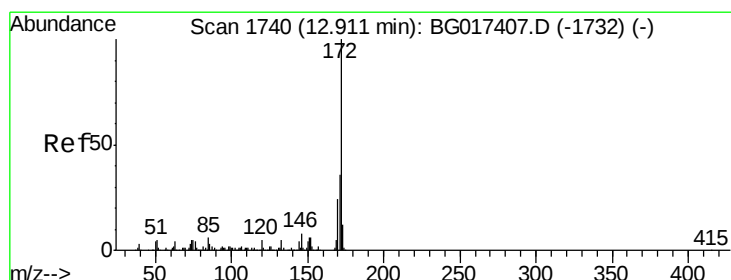
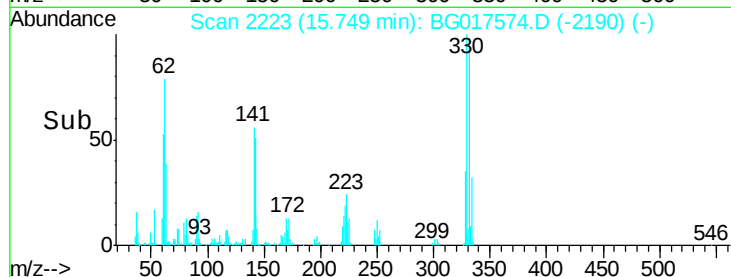
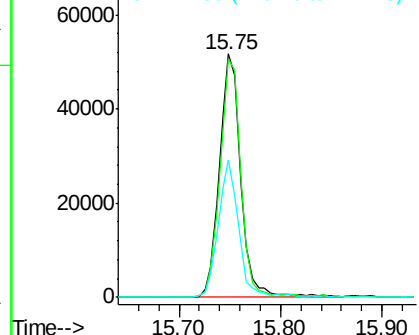
#41
 2,4,6-Tribromophenol
 Concen: 147.79 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG017574.D
 Acq: 9 Jun 2015 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB83832BL

Tgt Ion: 330 Resp: 75519
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 53.4 40.2 60.4

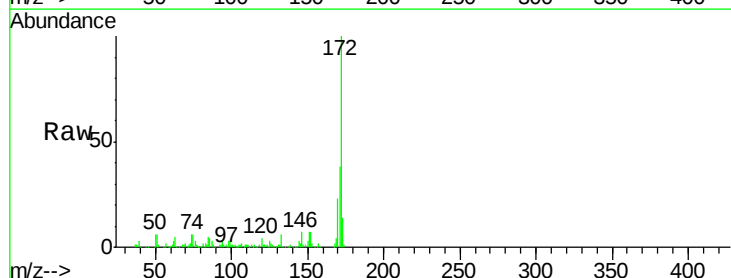


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

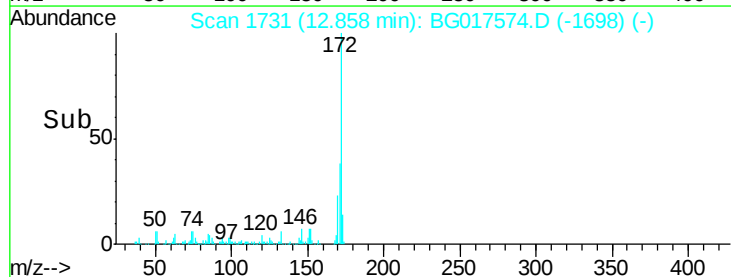
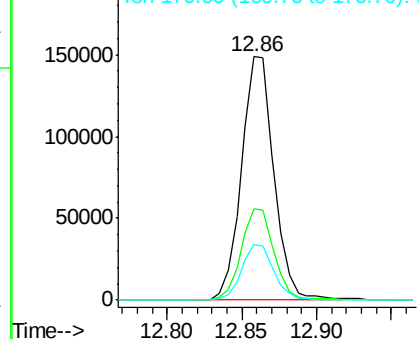


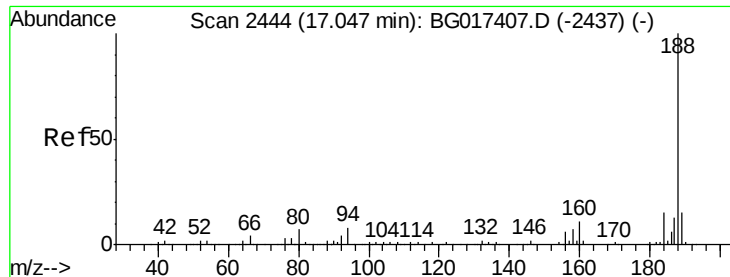
#44
 2-Fluorobiphenyl
 Concen: 91.88 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG017574.D
 Acq: 9 Jun 2015 15:35

Tgt Ion: 172 Resp: 224079
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 23.0 18.9 28.3



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

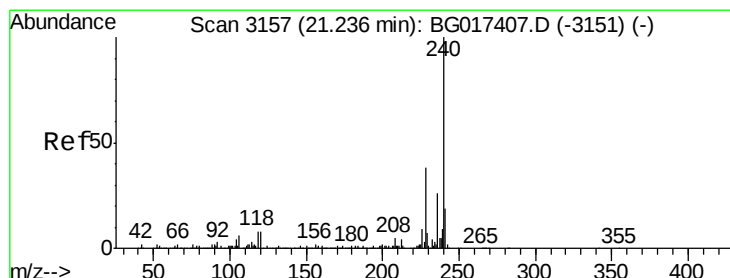
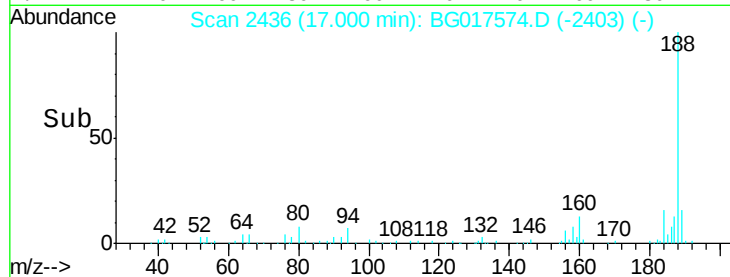
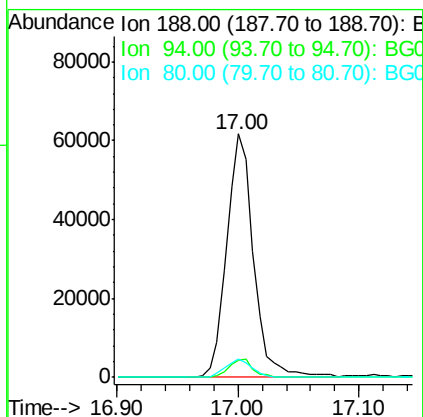
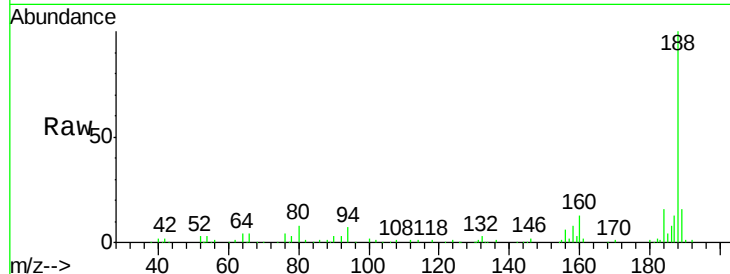




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG017574.D
Acq: 9 Jun 2015 15:35

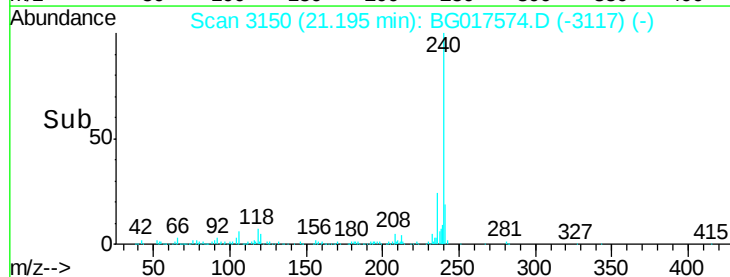
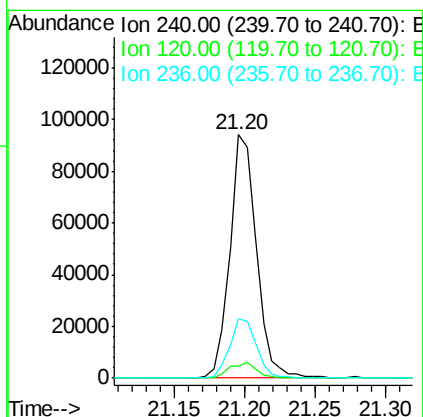
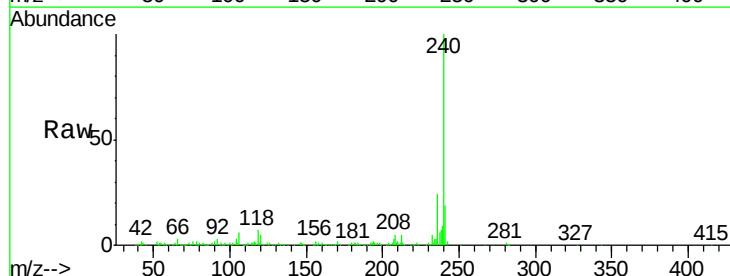
Instrument :
BNA_G
ClientSampleId :
PB83832BL

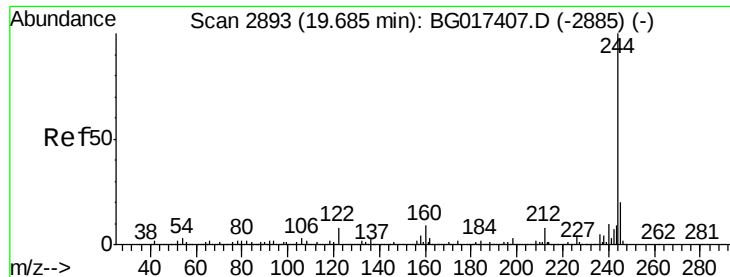
Tgt Ion:188 Resp: 94915
Ion Ratio Lower Upper
188 100
94 7.0 6.3 9.5
80 7.6 5.2 7.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017574.D
Acq: 9 Jun 2015 15:35

Tgt Ion:240 Resp: 123407
Ion Ratio Lower Upper
240 100
120 4.9 6.5 9.7#
236 24.5 20.8 31.2





#78

Terphenyl-d14

Concen: 84.99 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

Instrument :

BNA_G

ClientSampleID :

PB83832BL

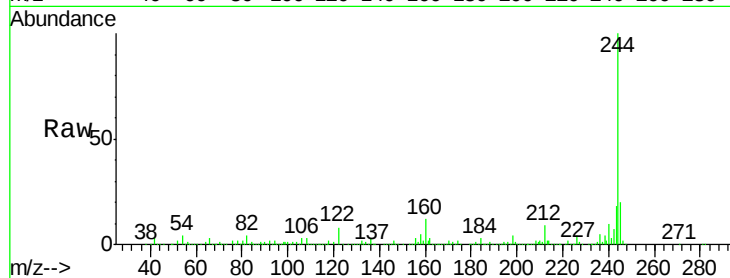
Tgt Ion:244 Resp: 507451

Ion Ratio Lower Upper

244 100

212 8.8 6.4 9.6

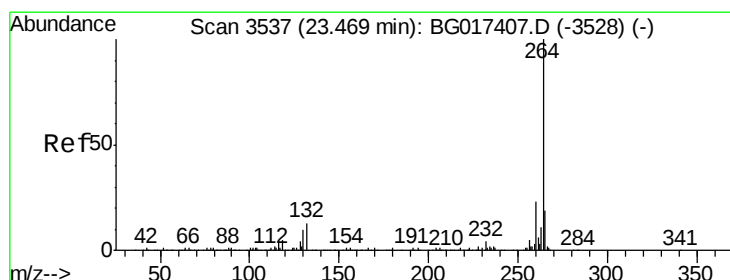
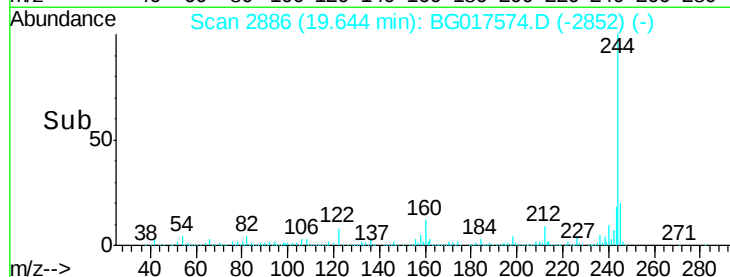
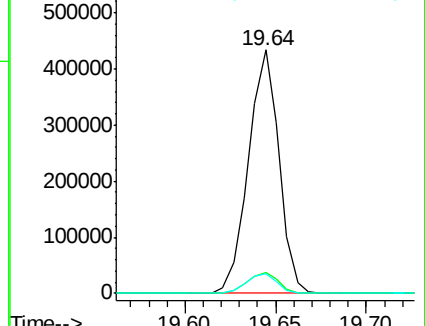
122 7.9 6.6 10.0



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017574.D

Acq: 9 Jun 2015 15:35

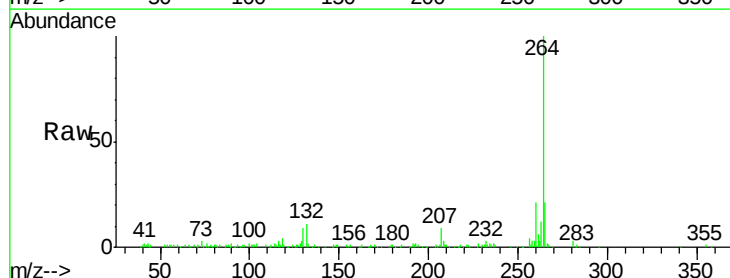
Tgt Ion:264 Resp: 116614

Ion Ratio Lower Upper

264 100

260 20.5 18.2 27.4

265 21.2 15.8 23.6



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

