

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017441.D
 Acq On : 4 Jun 2015 14:49
 Operator : TP/IZ
 Sample : PB83743BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83743BL

Quant Time: Jun 05 03:56:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 03:51:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	16234	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	65046	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	43417	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	112820	20.00	ng	0.00
75) Chrysene-d12	21.23	240	138495	20.00	ng	0.00
86) Perylene-d12	23.47	264	137523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	120593	130.87	ng	0.00
7) Phenol-d6	6.83	99	153370	122.18	ng	0.00
23) Nitrobenzene-d5	8.79	82	103360	79.32	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	74587	123.69	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	226039	78.53	ng	0.00
78) Terphenyl-d14	19.68	244	520551	77.68	ng	0.00

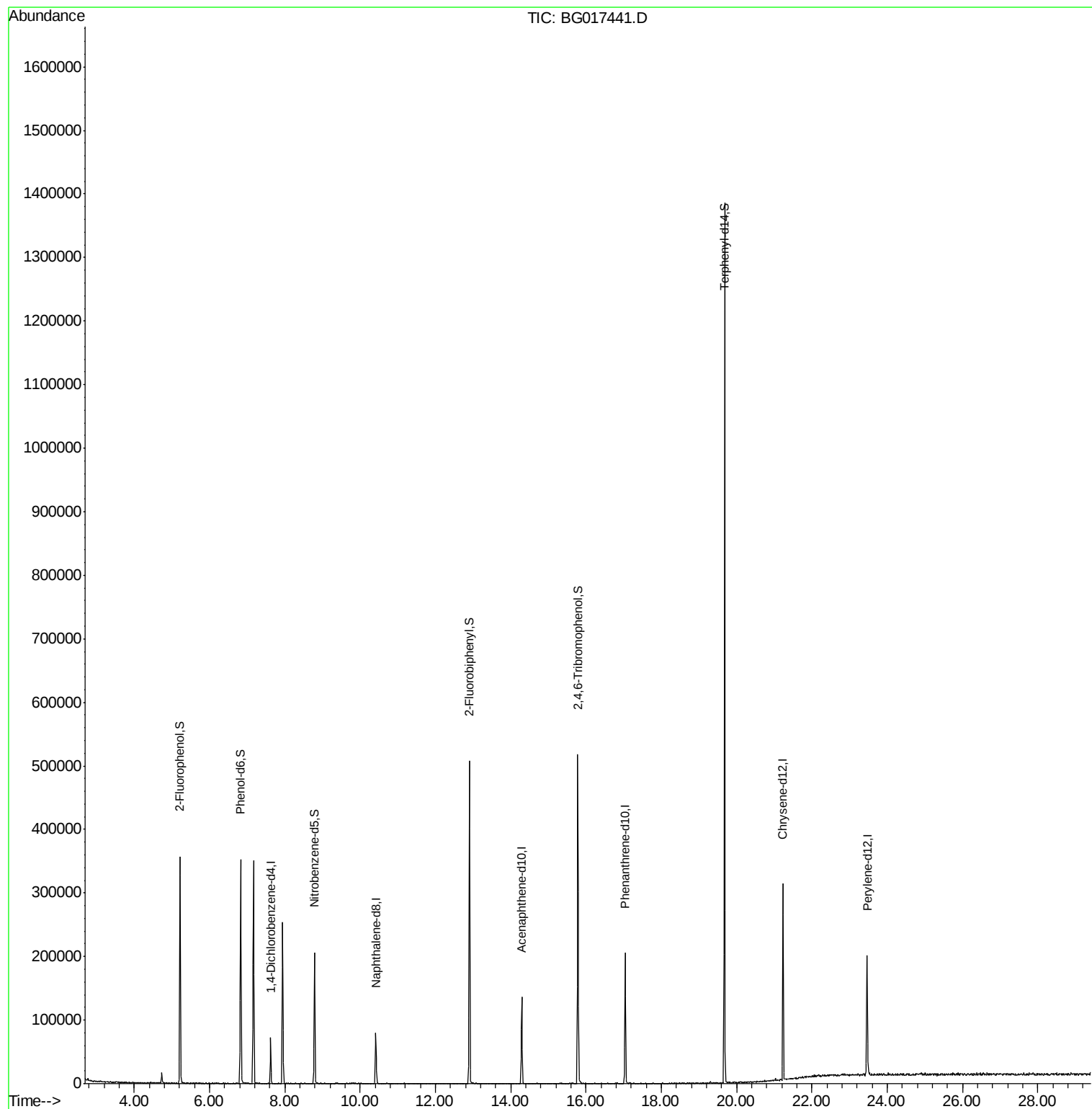
Target Compounds	Qvalue
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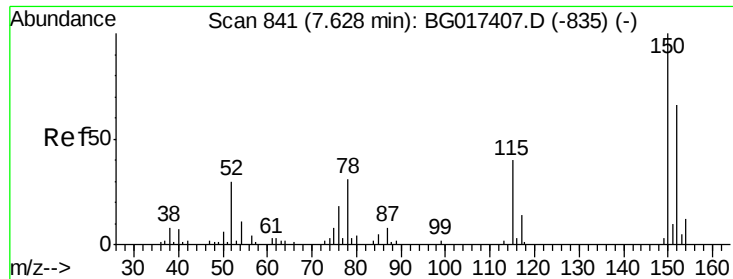
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
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Quant Time: Jun 05 03:56:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 03:51:43 2015
Response via : Initial Calibration



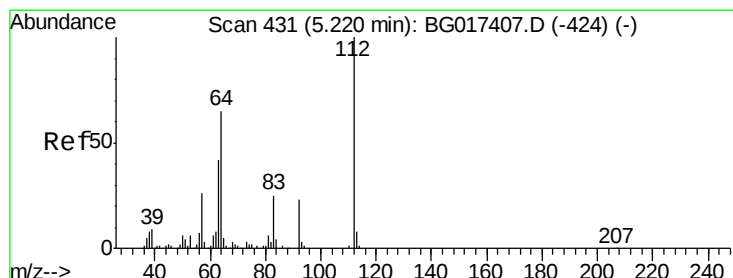
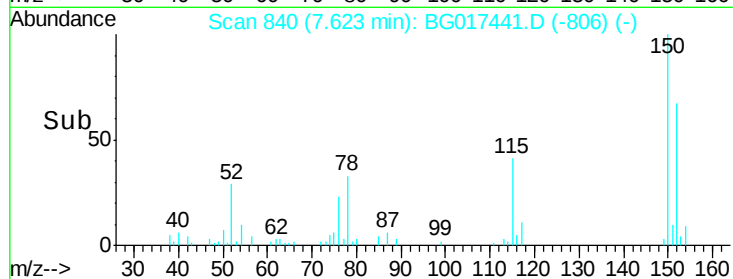
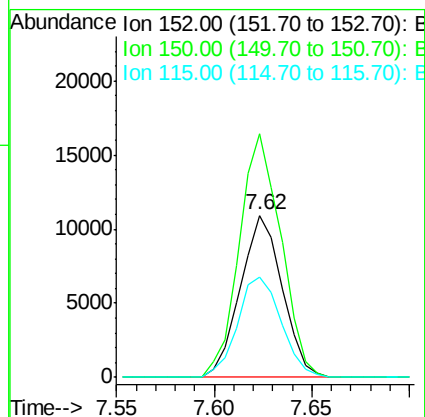
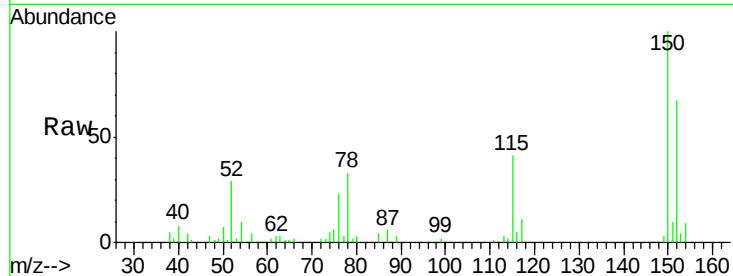


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG017441.D
Acq: 4 Jun 2015 14:49

Instrument :
BNA_G
ClientSampleId :
PB83743BL

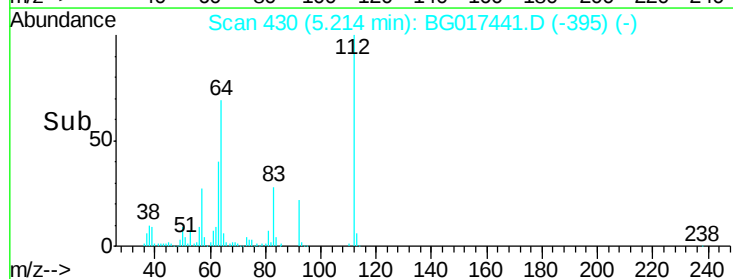
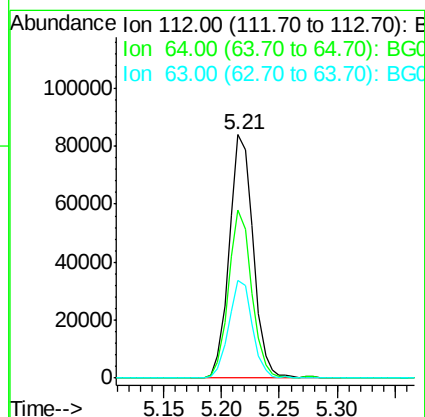
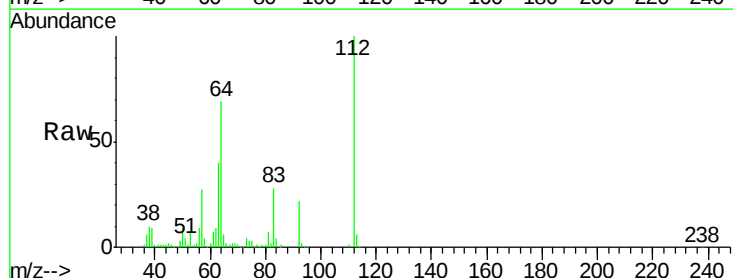
Tgt Ion:152 Resp: 16234
Ion Ratio Lower Upper
152 100
150 150.2 121.7 182.5
115 61.7 48.6 73.0



#5

2-Fluorophenol
Concen: 130.87 ng
RT: 5.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG017441.D
Acq: 4 Jun 2015 14:49

Tgt Ion:112 Resp: 120593
Ion Ratio Lower Upper
112 100
64 68.9 51.6 77.4
63 40.2 33.3 49.9





#7

Phenol-d6

Concen: 122.18 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

Instrument :

BNA_G

ClientSampleId :

PB83743BL

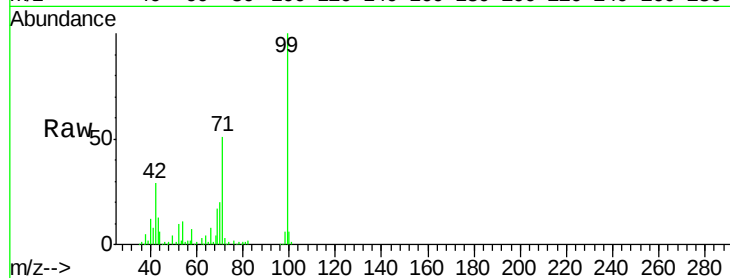
Tgt Ion: 99 Resp: 153370

Ion Ratio Lower Upper

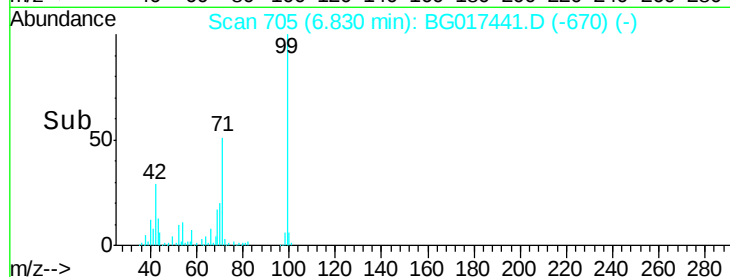
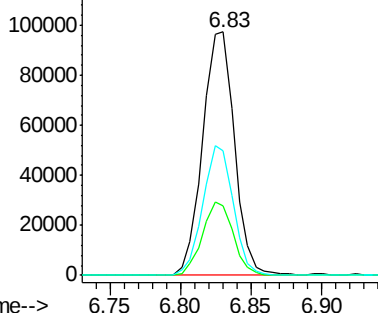
99 100

42 28.6 21.0 31.6

71 51.3 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: 10.41 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

Tgt Ion: 136 Resp: 65046

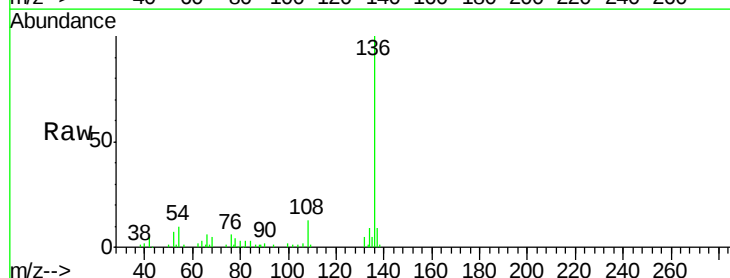
Ion Ratio Lower Upper

136 100

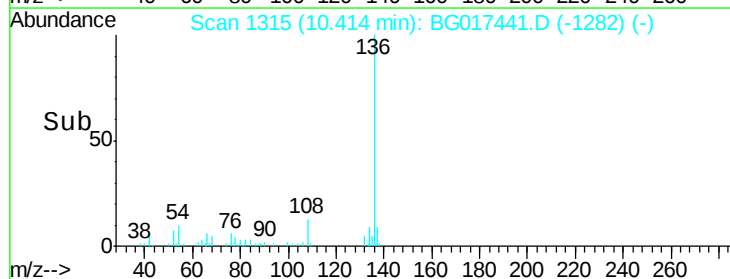
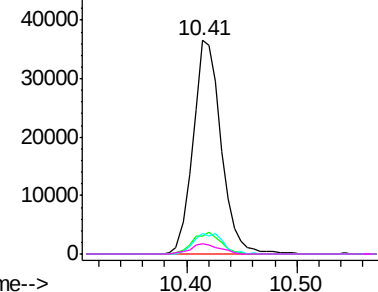
137 8.7 7.9 11.9

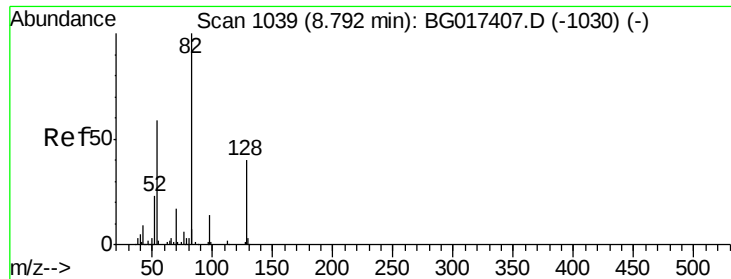
54 9.9 7.2 10.8

68 5.1 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

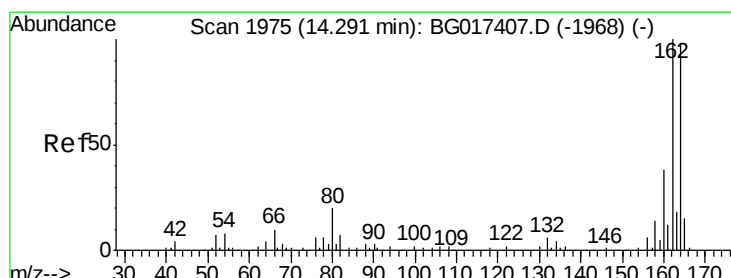
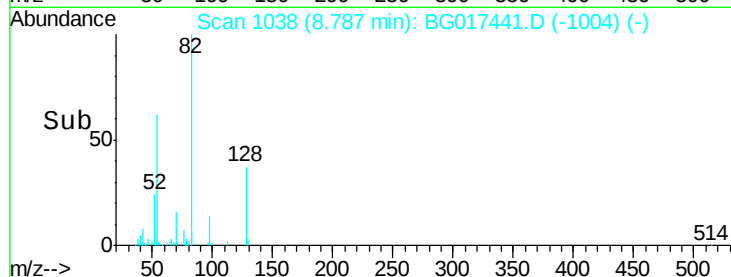
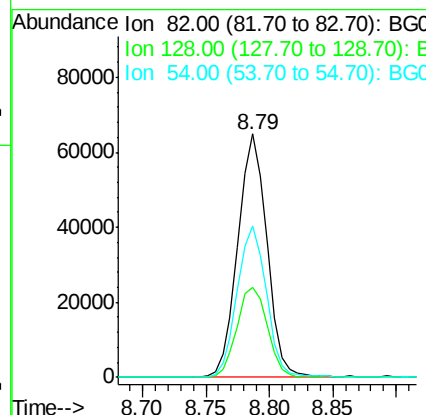
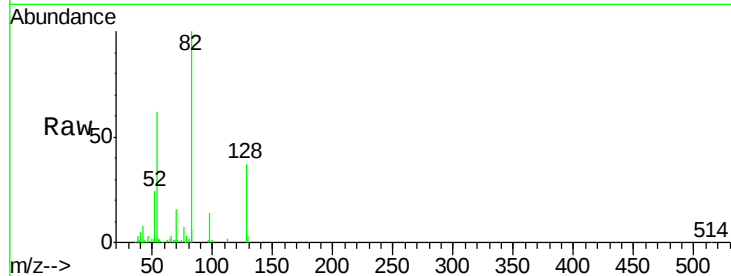




#23
 Nitrobenzene-d5
 Concen: 79.32 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG017441.D
 Acq: 4 Jun 2015 14:49

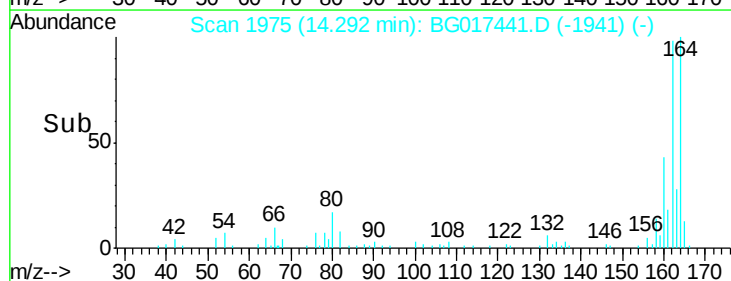
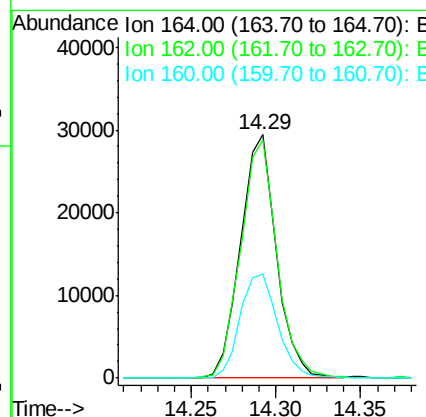
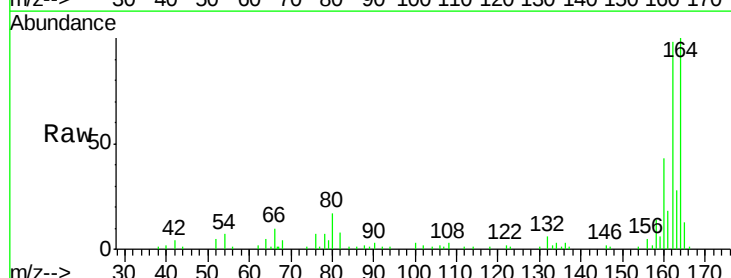
Instrument :
 BNA_G
 ClientSampleId :
 PB83743BL

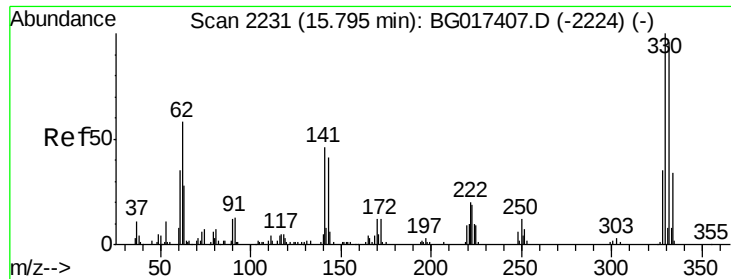
Tgt Ion: 82 Resp: 103360
 Ion Ratio Lower Upper
 82 100
 128 37.1 32.2 48.4
 54 62.5 47.4 71.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG017441.D
 Acq: 4 Jun 2015 14:49

Tgt Ion: 164 Resp: 43417
 Ion Ratio Lower Upper
 164 100
 162 97.7 81.8 122.6
 160 42.8 31.0 46.4





#41

2,4,6-Tribromophenol

Concen: 123.69 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

Instrument :

BNA_G

ClientSampleId :

PB83743BL

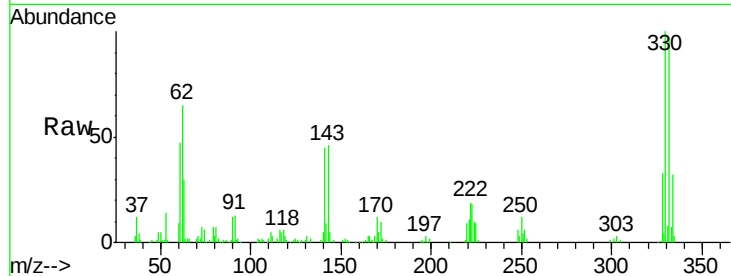
Tgt Ion:330 Resp: 74587

Ion Ratio Lower Upper

330 100

332 99.3 75.9 113.9

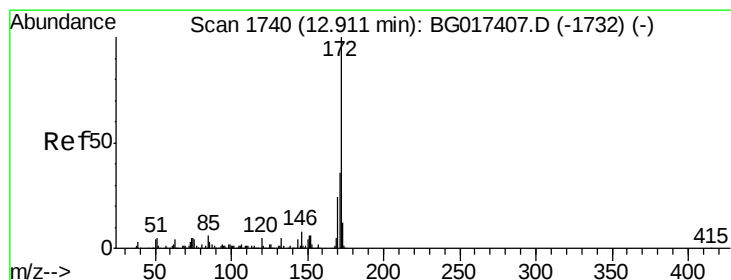
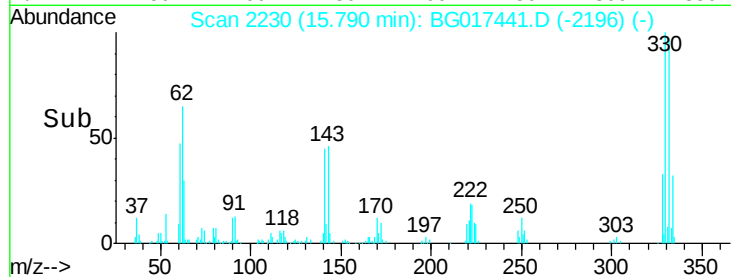
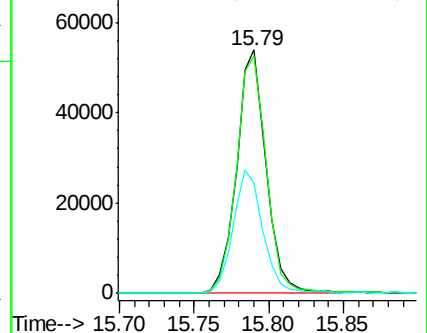
141 51.0 40.2 60.4



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: 78.53 ng

RT: 12.91 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

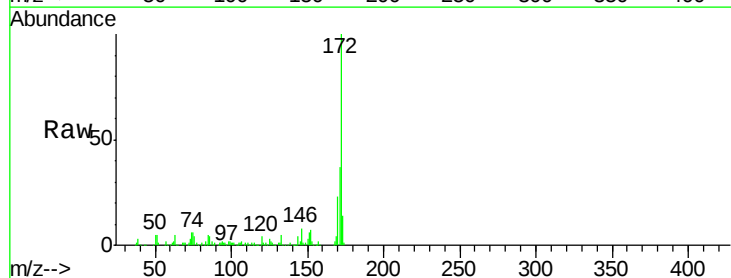
Tgt Ion:172 Resp: 226039

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

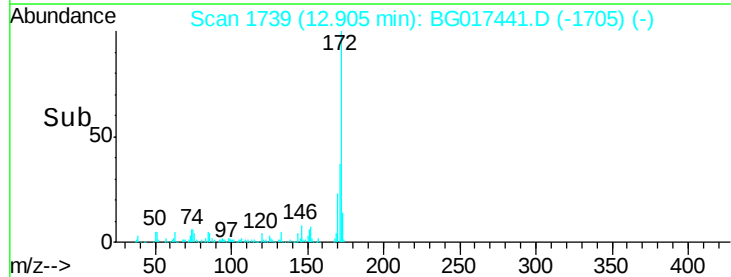
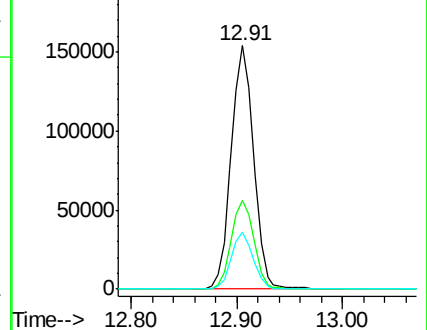
170 23.5 18.9 28.3

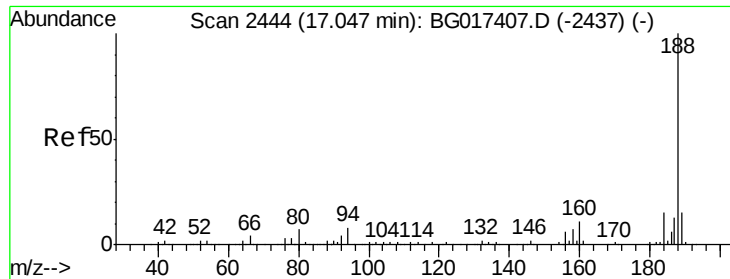


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

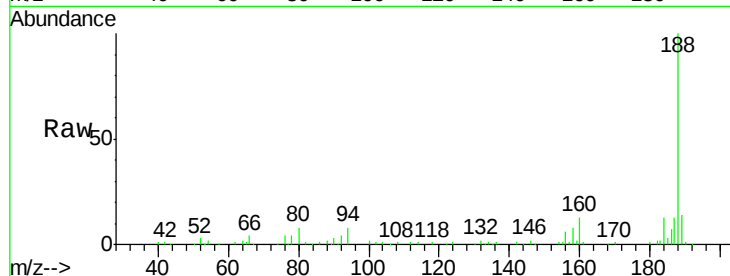




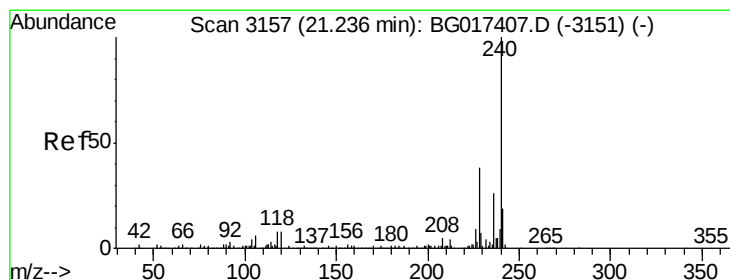
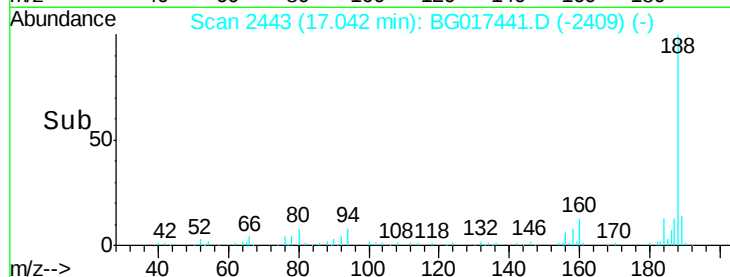
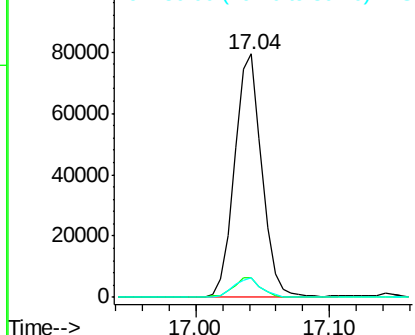
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017441.D
Acq: 4 Jun 2015 14:49

Instrument :
BNA_G
ClientSampleId :
PB83743BL

Tgt Ion:188 Resp: 112820
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.3 5.2 7.8#

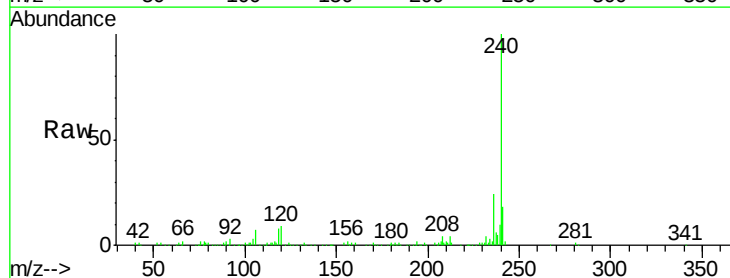


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

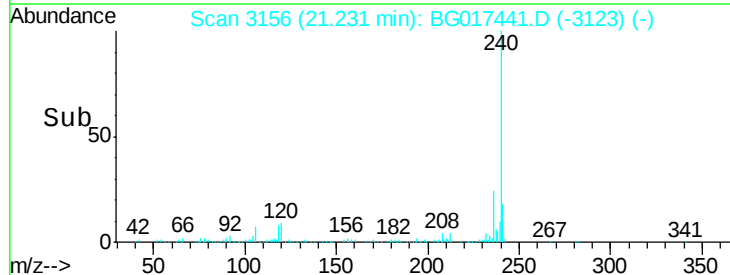
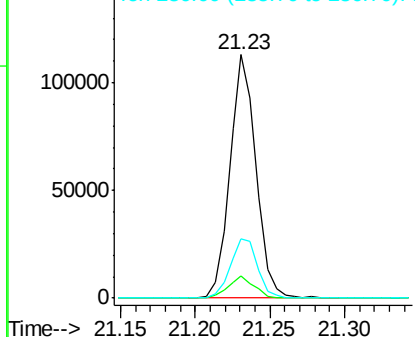


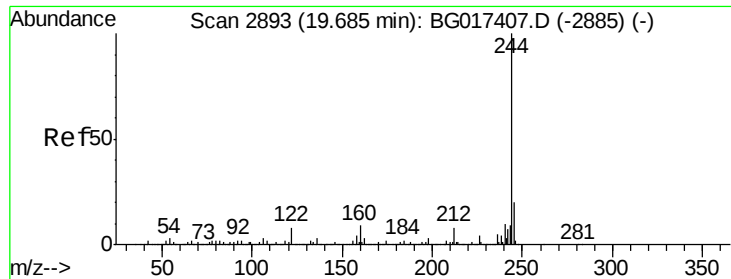
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG017441.D
Acq: 4 Jun 2015 14:49

Tgt Ion:240 Resp: 138495
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 24.1 20.8 31.2



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: 77.68 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

Instrument :

BNA_G

ClientSampleId :

PB83743BL

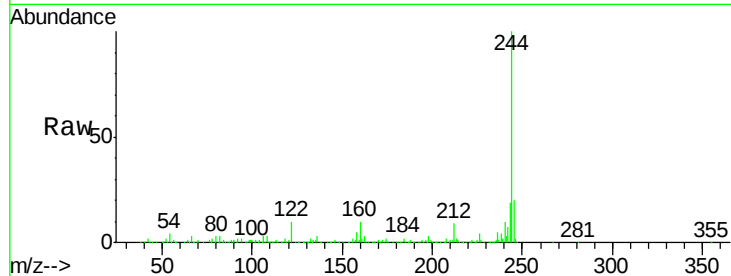
Tgt Ion:244 Resp: 520551

Ion Ratio Lower Upper

244 100

212 8.9 6.4 9.6

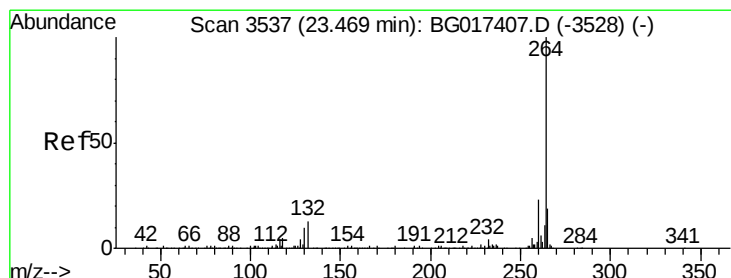
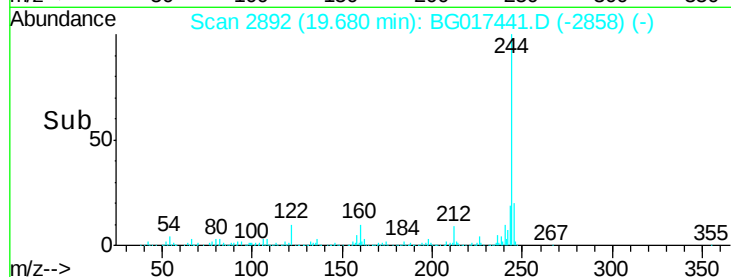
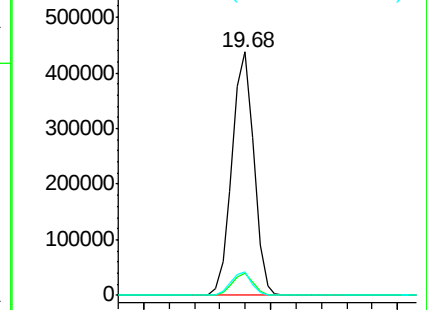
122 9.8 6.6 10.0



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: 23.47 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG017441.D

Acq: 4 Jun 2015 14:49

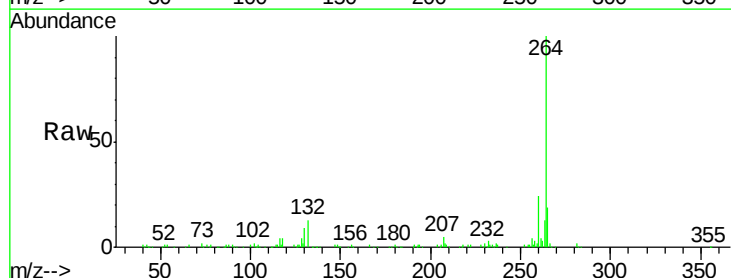
Tgt Ion:264 Resp: 137523

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 18.9 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

