

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016426.D
 Acq On : 15 Apr 2015 17:00
 Operator : TP/IZ
 Sample : G1849-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Apr 16 03:22:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	77091	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	347677	20.00	ng	-0.02
38) Acenaphthene-d10	14.31	164	214671	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	479882	20.00	ng	0.00
75) Chrysene-d12	21.23	240	412737	20.00	ng	0.00
86) Perylene-d12	23.46	264	385151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	124784	25.55	ng	0.00
7) Phenol-d6	6.85	99	109429	14.92	ng	-0.02
23) Nitrobenzene-d5	8.82	82	281903	46.97	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	90794	62.54	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	638859	50.67	ng	0.00
78) Terphenyl-d14	19.68	244	850896	48.25	ng	0.00

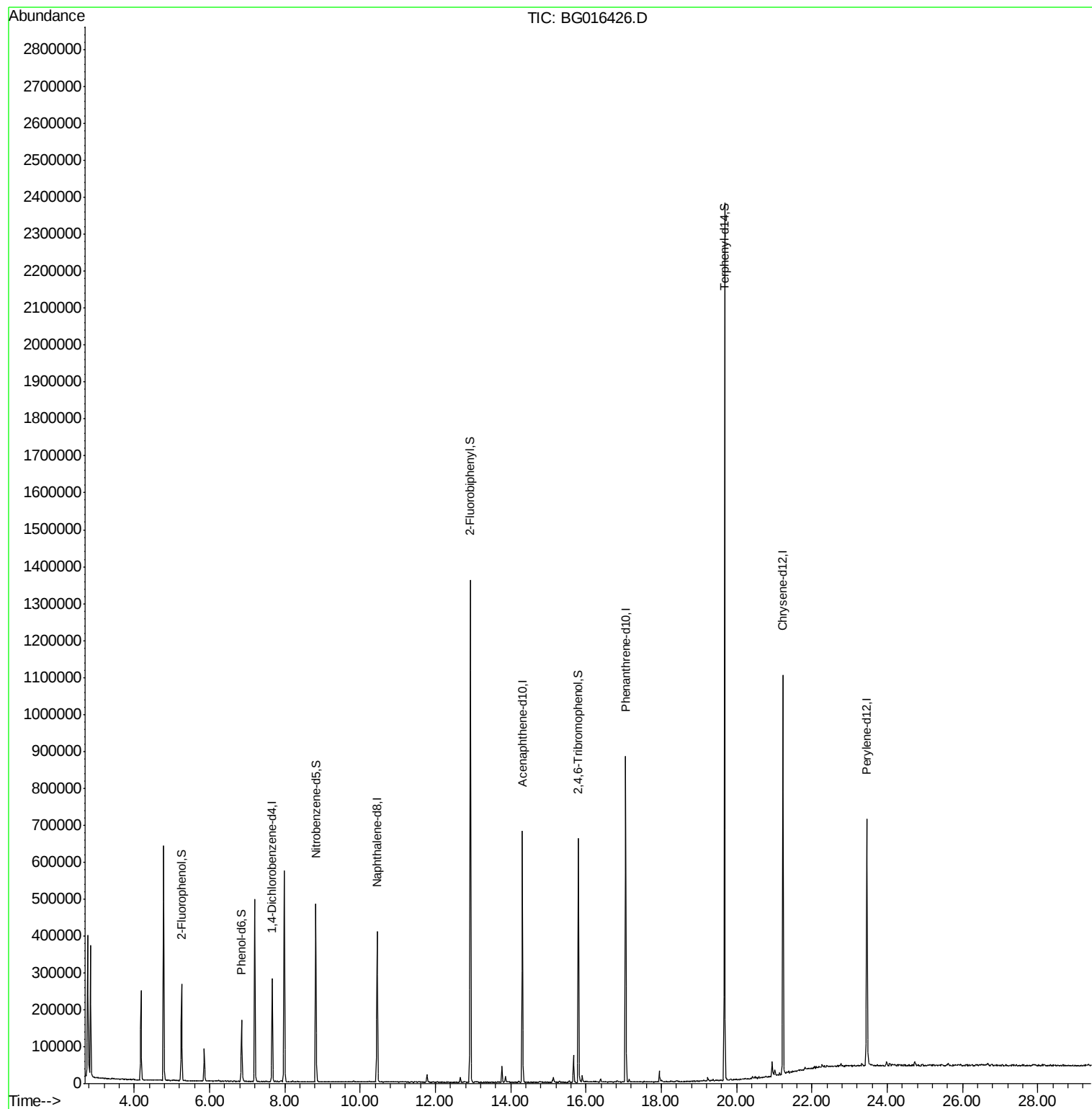
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

Instrument :

BNA_G

ClientSampled :

TWP-01

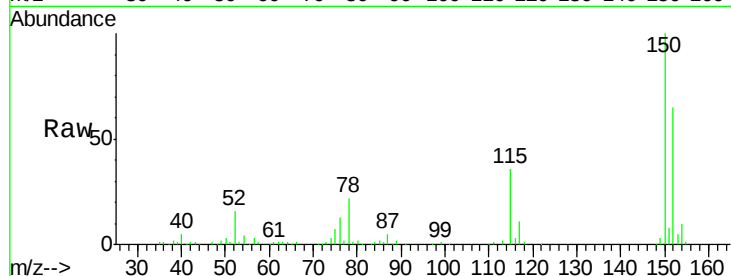
Tgt Ion:152 Resp: 77091

Ion Ratio Lower Upper

152 100

150 153.4 130.1 195.1

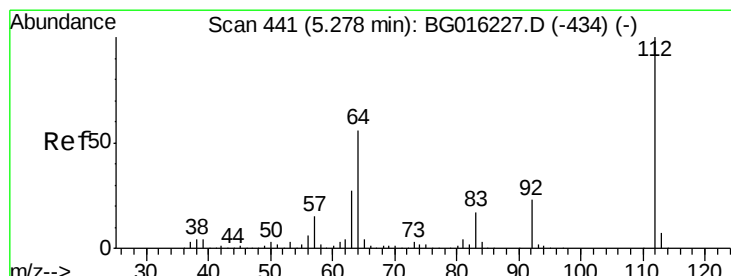
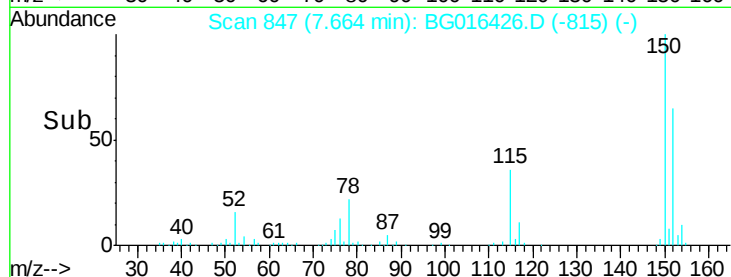
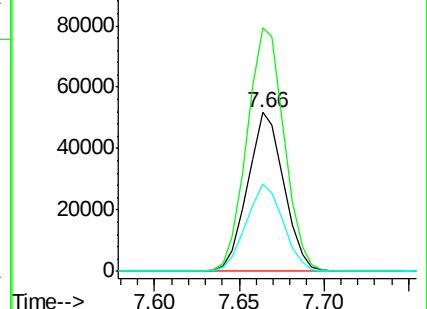
115 54.9 50.5 75.7



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: 25.55 ng

RT: 5.25 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

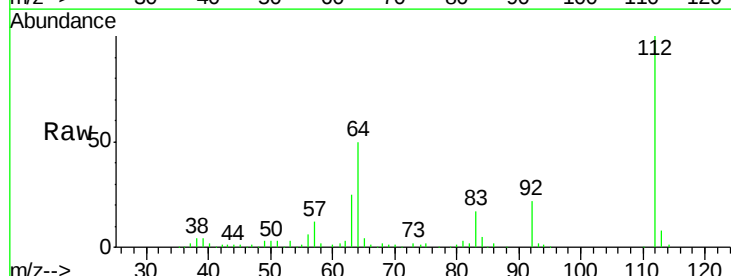
Tgt Ion:112 Resp: 124784

Ion Ratio Lower Upper

112 100

64 50.5 44.5 66.7

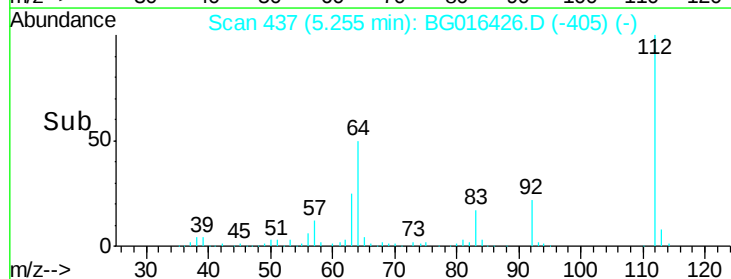
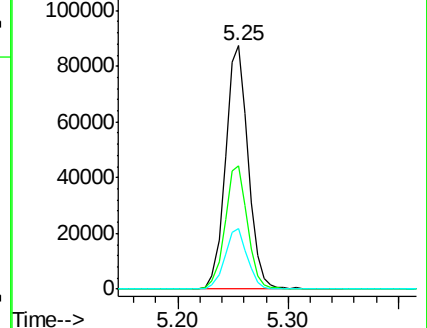
63 24.7 21.4 32.0

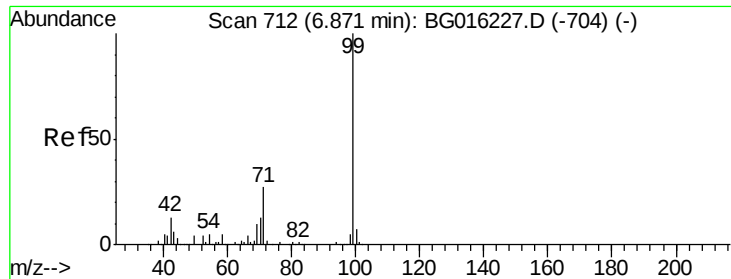


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 14.92 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

Instrument :

BNA_G

ClientSampleId :

TWP-01

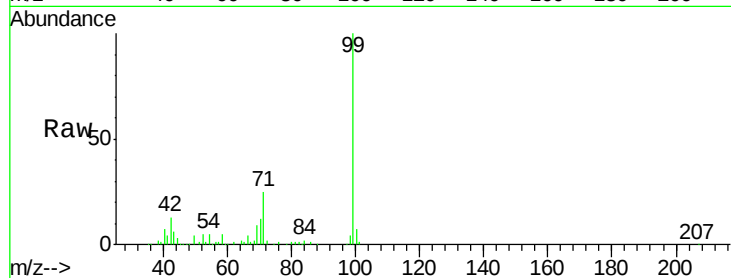
Tgt Ion: 99 Resp: 109429

Ion Ratio Lower Upper

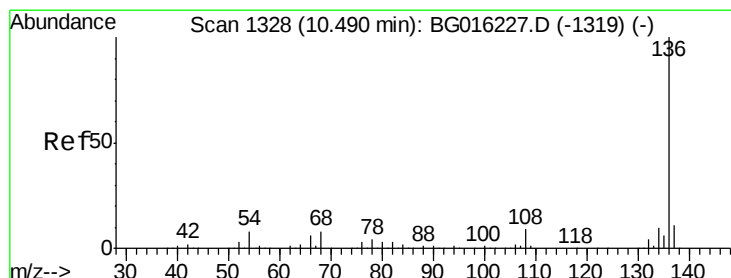
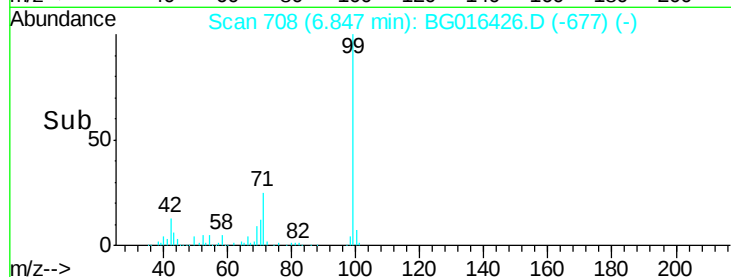
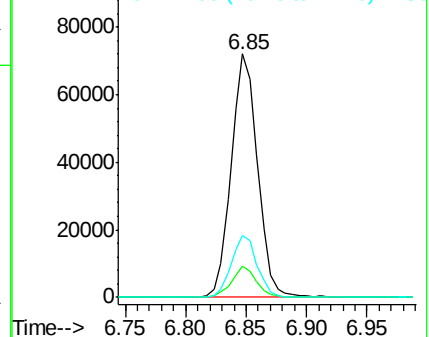
99 100

42 12.8 10.0 15.0

71 25.3 21.5 32.3



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: 10.45 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

Tgt Ion: 136 Resp: 347677

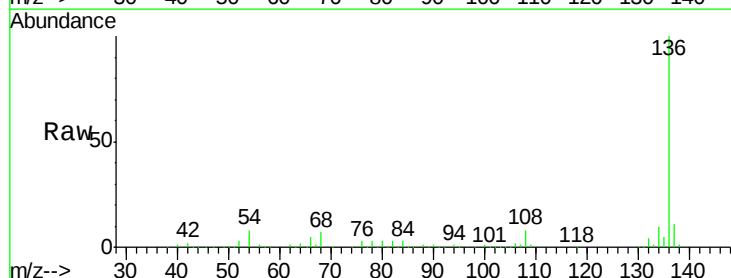
Ion Ratio Lower Upper

136 100

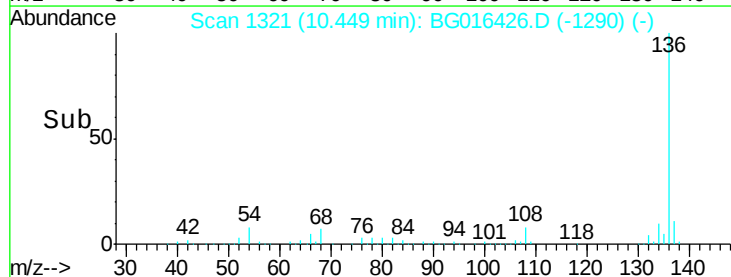
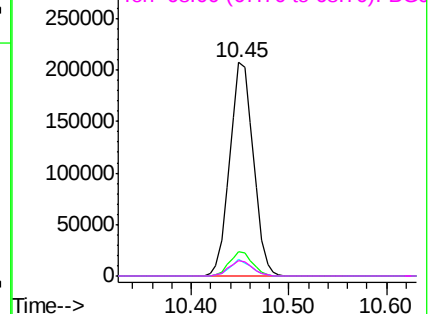
137 11.2 8.7 13.1

54 7.5 6.3 9.5

68 7.4 6.5 9.7



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

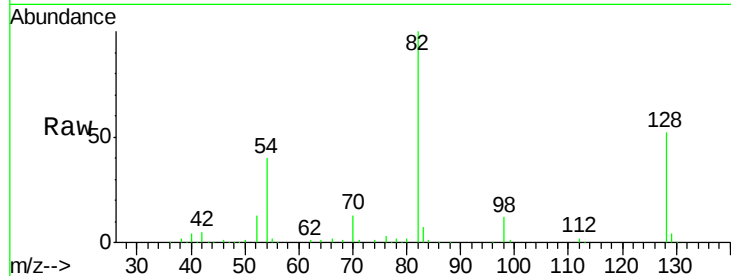




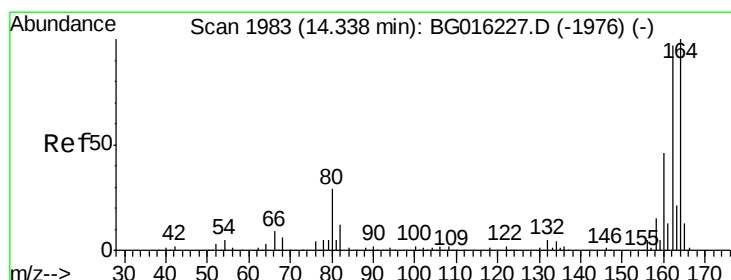
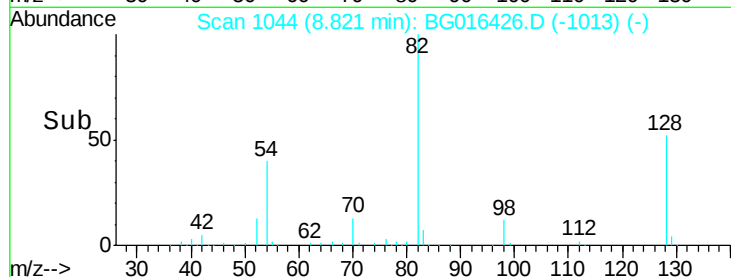
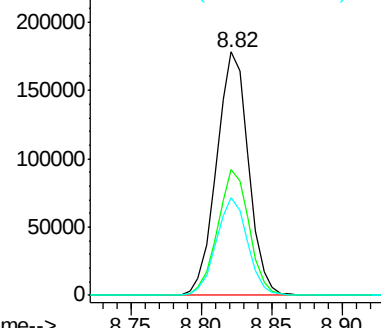
#23
 Nitrobenzene-d5
 Concen: 46.97 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG016426.D
 Acq: 15 Apr 2015 17:00

Instrument :
 BNA_G
 ClientSampleID :
 TWP-01

Tgt Ion: 82 Resp: 281903
 Ion Ratio Lower Upper
 82 100
 128 51.9 37.8 56.8
 54 39.9 32.6 49.0

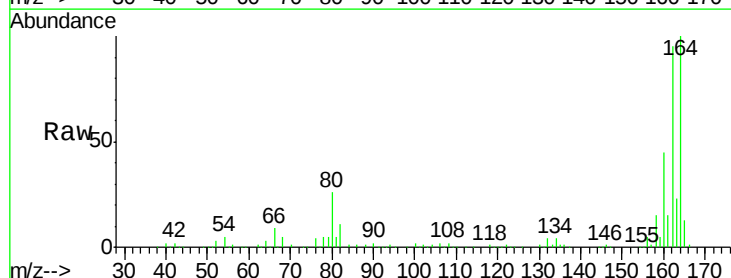


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

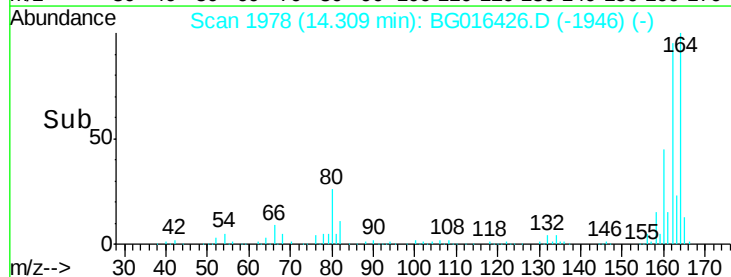
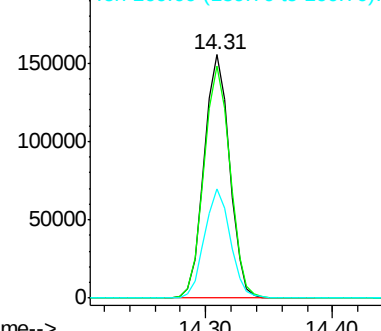


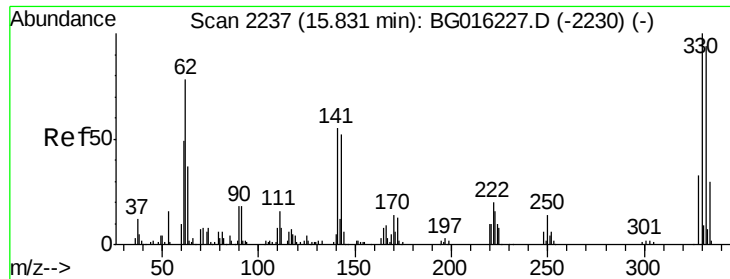
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016426.D
 Acq: 15 Apr 2015 17:00

Tgt Ion: 164 Resp: 214671
 Ion Ratio Lower Upper
 164 100
 162 95.3 77.3 115.9
 160 44.7 36.7 55.1



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

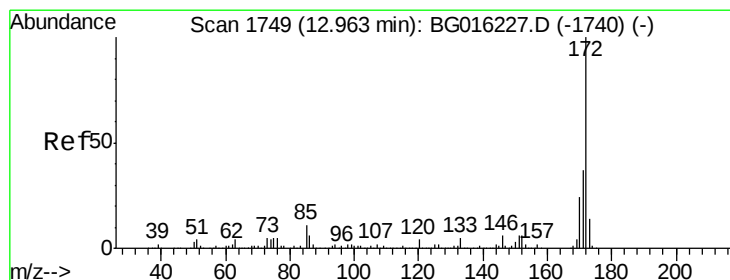
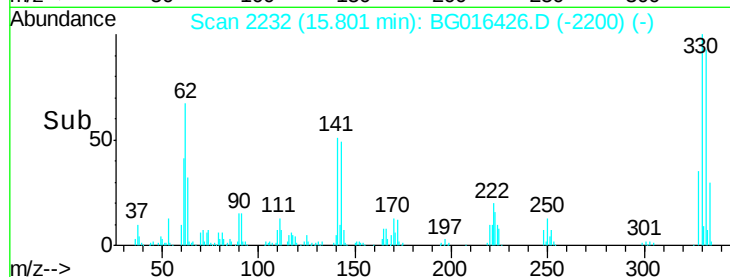
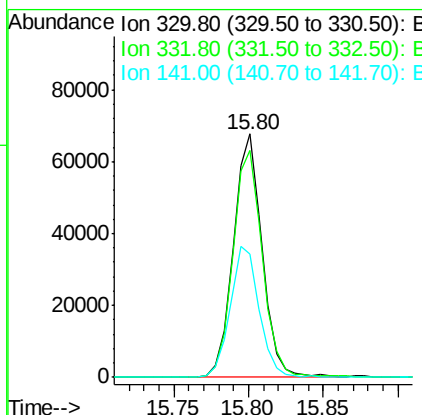
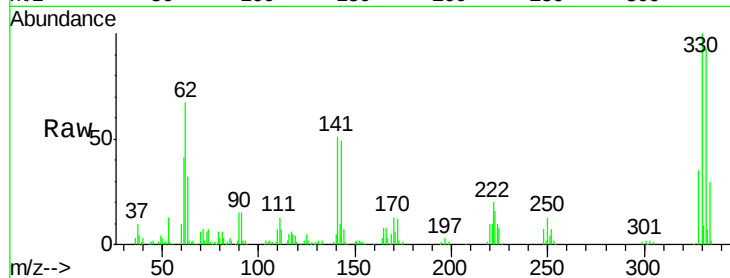




#41
 2,4,6-Tribromophenol
 Concen: 62.54 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016426.D
 Acq: 15 Apr 2015 17:00

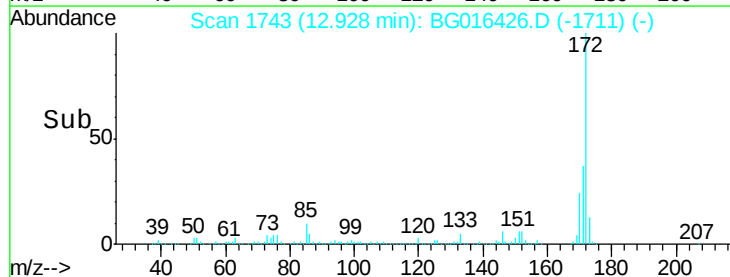
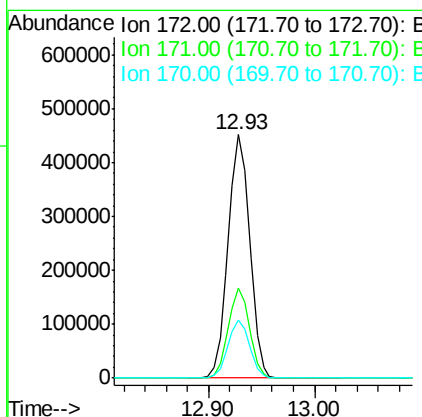
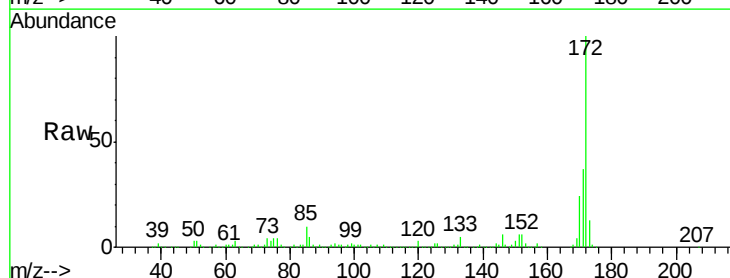
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

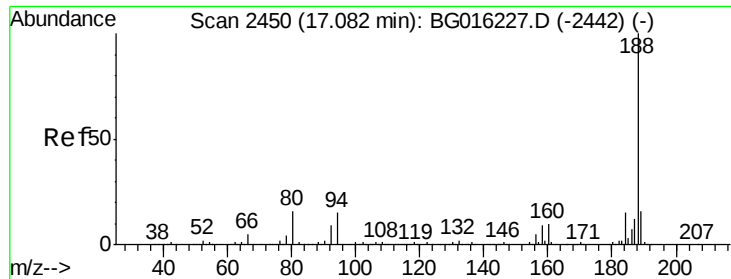
Tgt Ion:330 Resp: 90794
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 54.8 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 50.67 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016426.D
 Acq: 15 Apr 2015 17:00

Tgt Ion:172 Resp: 638859
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.1 19.4 29.2

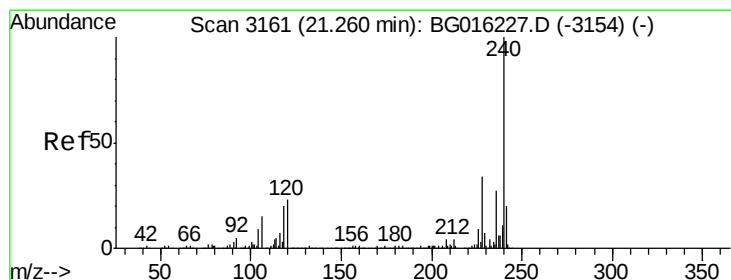
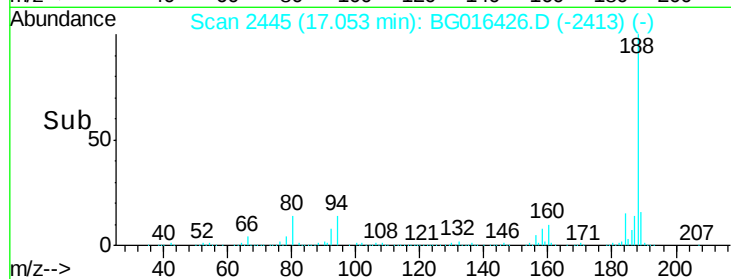
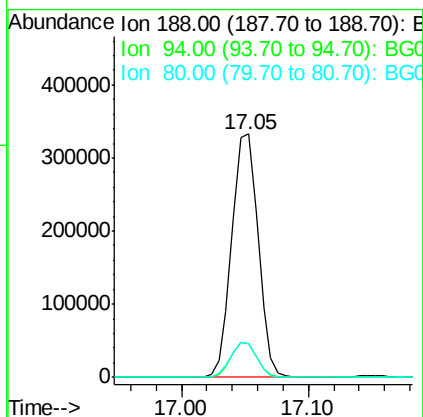
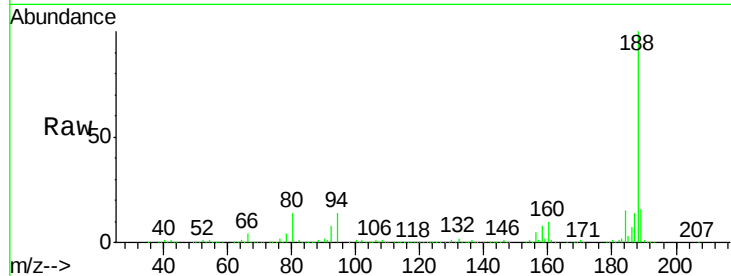




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016426.D
Acq: 15 Apr 2015 17:00

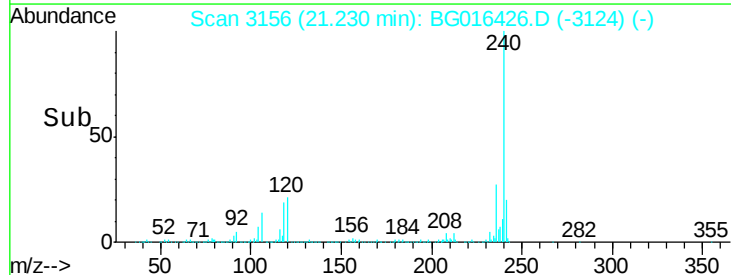
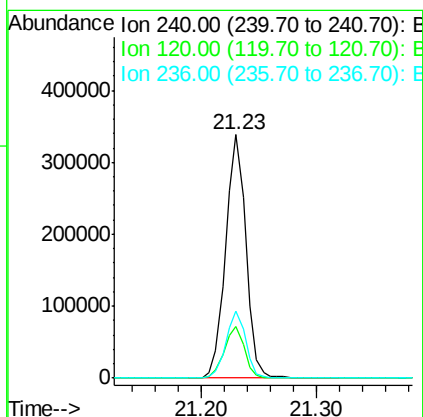
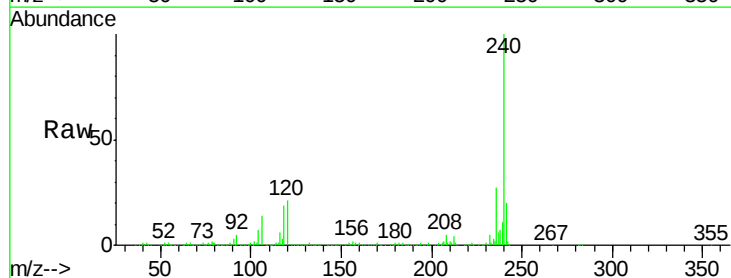
Instrument :
BNA_G
ClientSampleId :
TWP-01

Tgt Ion:188 Resp: 479882
Ion Ratio Lower Upper
188 100
94 13.7 12.2 18.4
80 13.9 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016426.D
Acq: 15 Apr 2015 17:00

Tgt Ion:240 Resp: 412737
Ion Ratio Lower Upper
240 100
120 21.4 18.6 28.0
236 27.3 21.7 32.5





#78

Terphenyl-d14

Concen: 48.25 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

Instrument :

BNA_G

ClientSampleId :

TWP-01

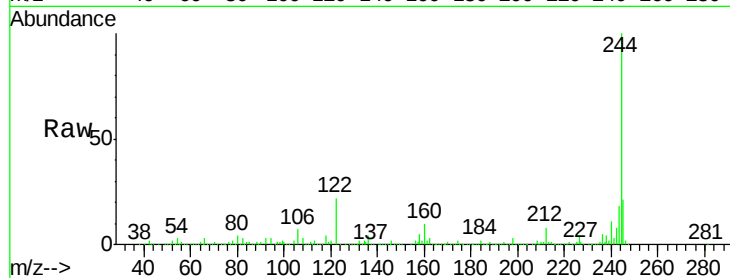
Tgt Ion:244 Resp: 850896

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

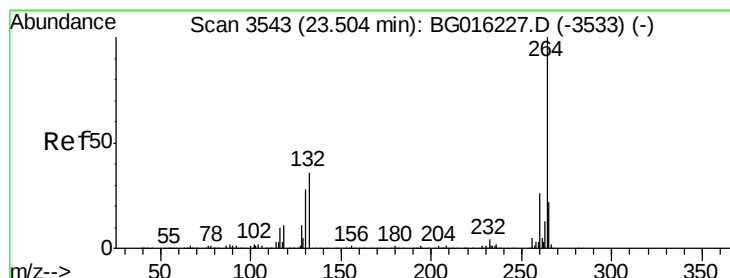
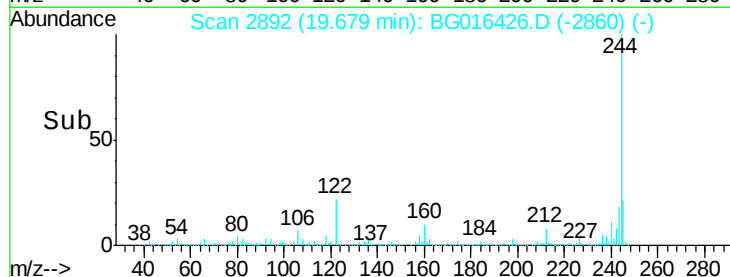
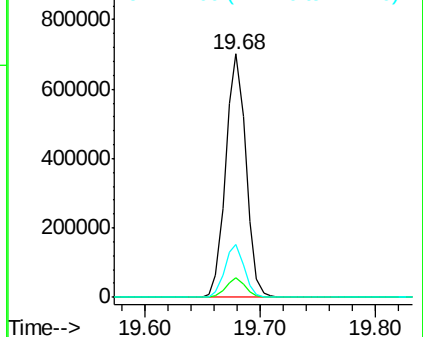
122 21.7 19.1 28.7



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: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016426.D

Acq: 15 Apr 2015 17:00

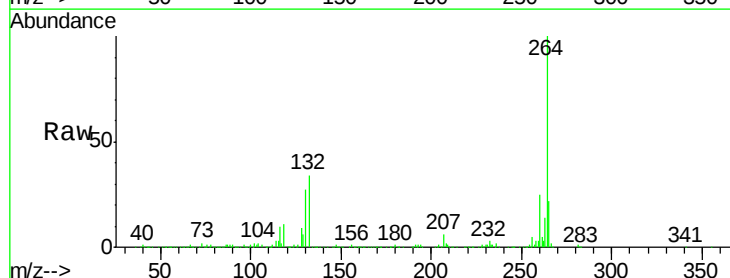
Tgt Ion:264 Resp: 385151

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

265 22.4 17.2 25.8



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

