

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
 Data File : BG016575.D
 Acq On : 21 Apr 2015 7:36
 Operator : TP/IZ
 Sample : G1845-02DL 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL

Quant Time: Apr 21 08:34:53 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

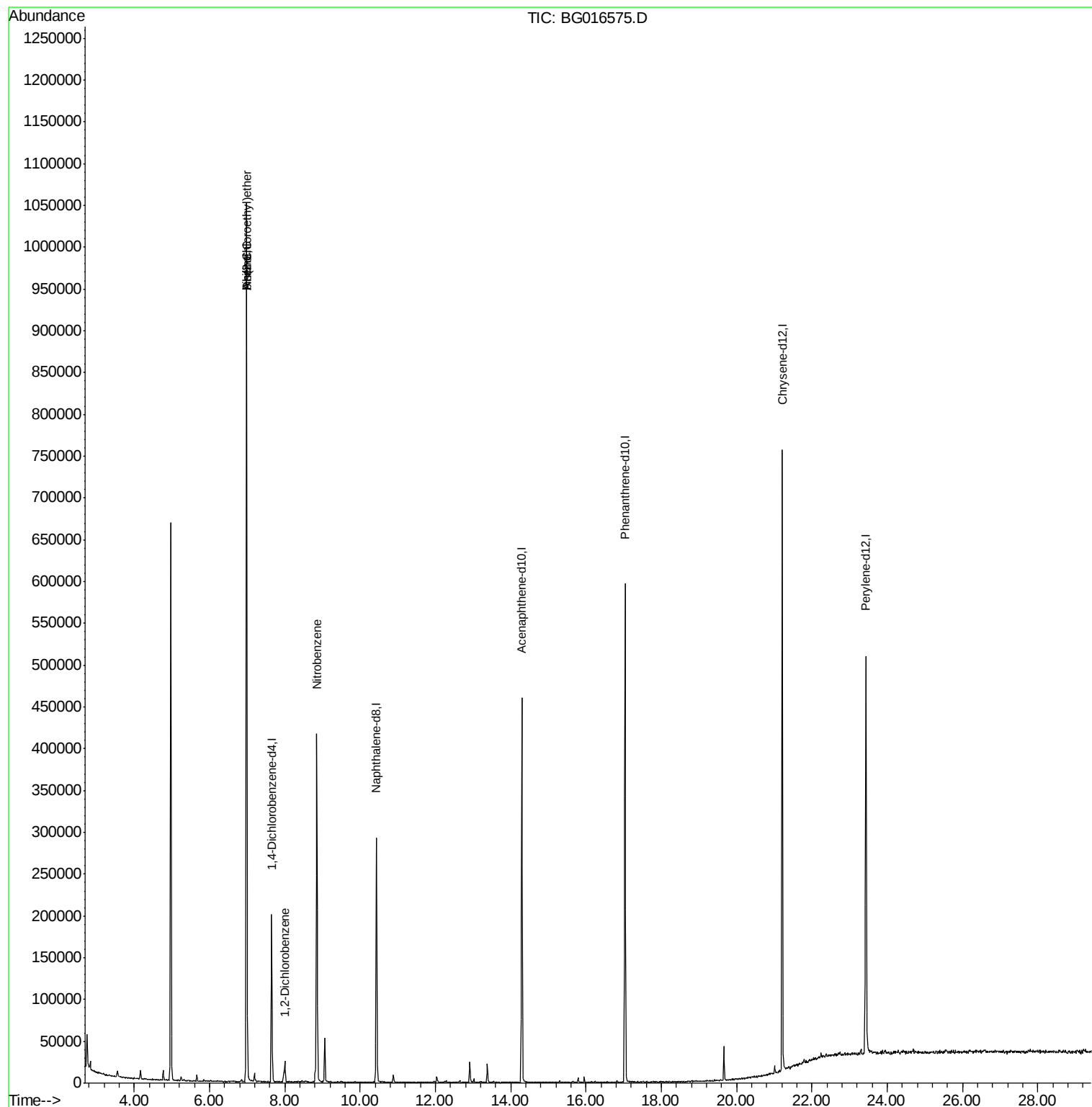
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	56838	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	255621	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	157979	20.00	ng	-0.03
63) Phenanthrene-d10	17.04	188	335881	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	299302	20.00	ng	-0.03
86) Perylene-d12	23.43	264	286455	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2863	0.79	ng	-0.02
7) Phenol-d6	6.85	99	2602	0.48	ng	-0.01
23) Nitrobenzene-d5	8.80	82	5837	1.32	ng	-0.03
41) 2,4,6-Tribromophenol	15.79	330	1216	1.14	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	15166	1.63	ng	-0.02
78) Terphenyl-d14	19.66	244	18416	1.44	ng	-0.03
Target Compounds						
6) Aniline	6.98	93	695540	90.08	ng	Qvalue 98
10) Phenol	6.98	94	51008	8.82	ng	# 1
11) bis(2-Chloroethyl)ether	6.98	93	695540	150.80	ng	# 30
14) 1,2-Dichlorobenzene	8.00	146	11246	2.60	ng	# 87
24) Nitrobenzene	8.85	77	238043	50.45	ng	92

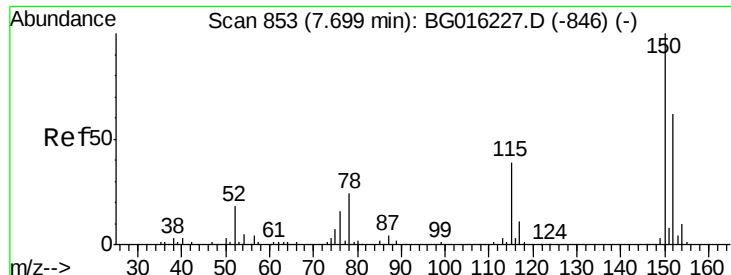
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

Instrument :

BNA_G

ClientSampleId :

EFFWDL

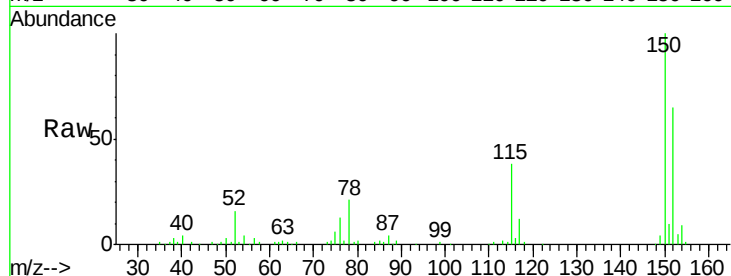
Tgt Ion:152 Resp: 56838

Ion Ratio Lower Upper

152 100

150 153.7 130.1 195.1

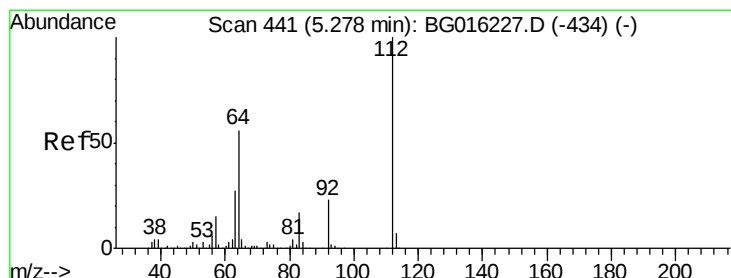
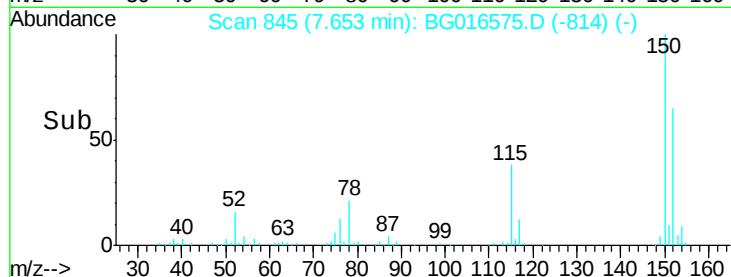
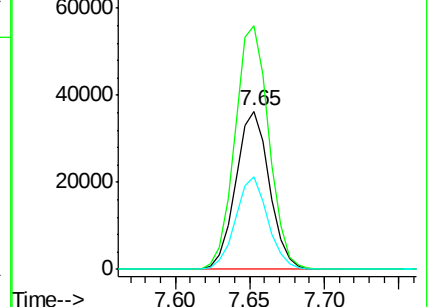
115 58.0 50.5 75.7



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: 0.79 ng

RT: 5.24 min Scan# 435

Delta R.T. -0.02 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

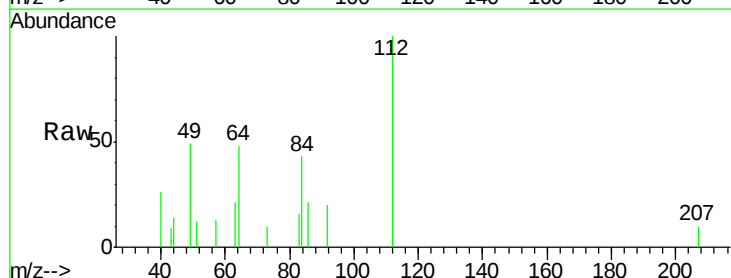
Tgt Ion:112 Resp: 2863

Ion Ratio Lower Upper

112 100

64 47.6 44.5 66.7

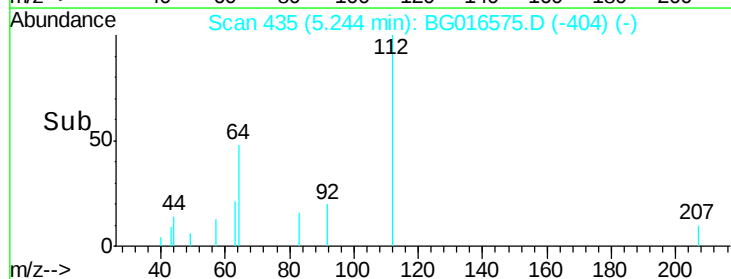
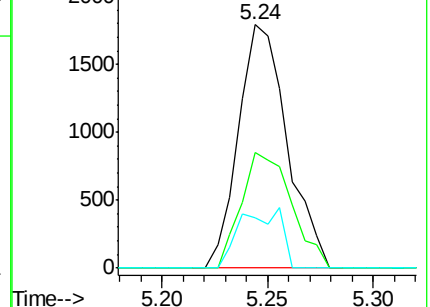
63 20.9 21.4 32.0#

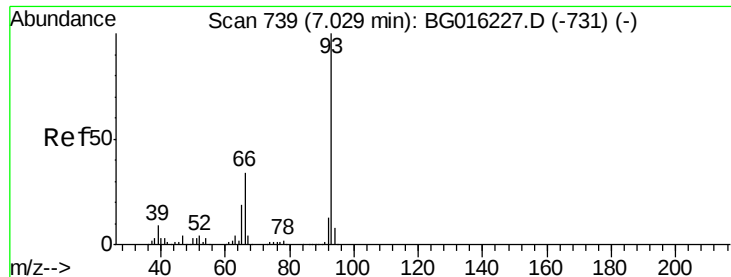


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 90.08 ng

RT: 6.98 min Scan# 731

Delta R.T. -0.03 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

Instrument :

BNA_G

ClientSampleId :

EFFWWDL

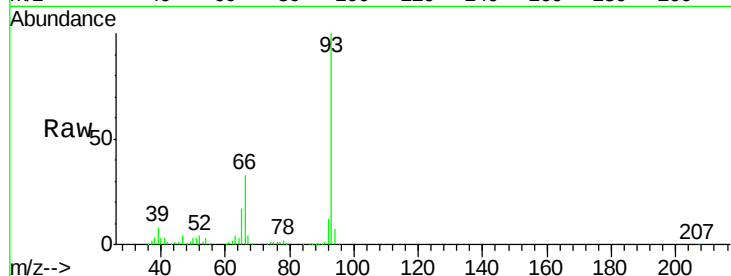
Tgt Ion: 93 Resp: 695540

Ion Ratio Lower Upper

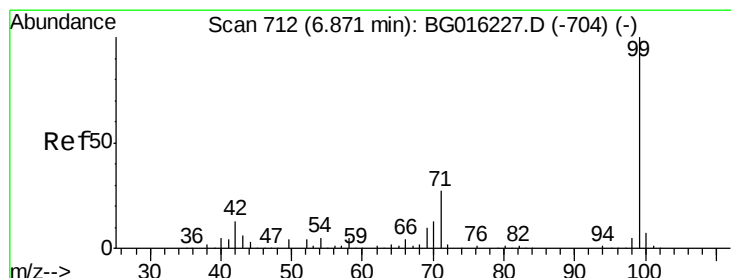
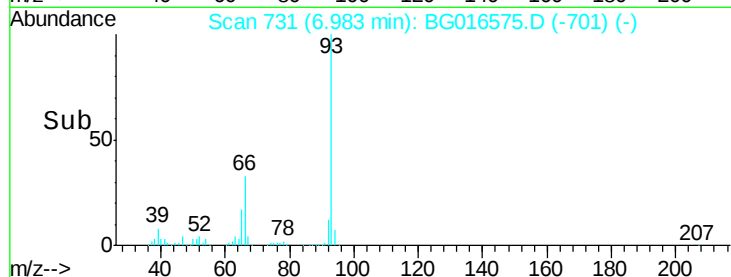
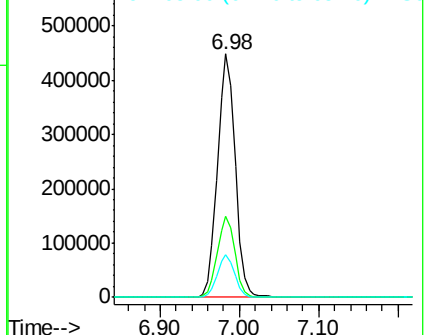
93 100

66 33.5 27.5 41.3

65 17.3 15.1 22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 0.48 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

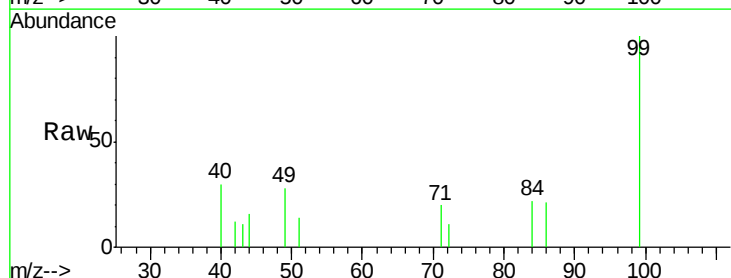
Tgt Ion: 99 Resp: 2602

Ion Ratio Lower Upper

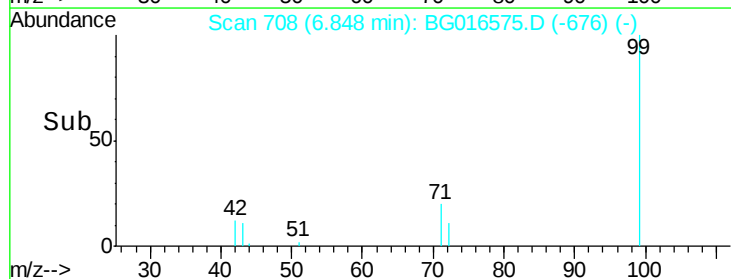
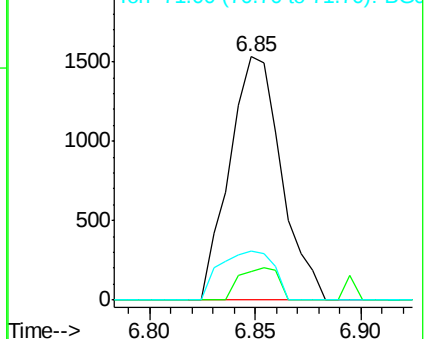
99 100

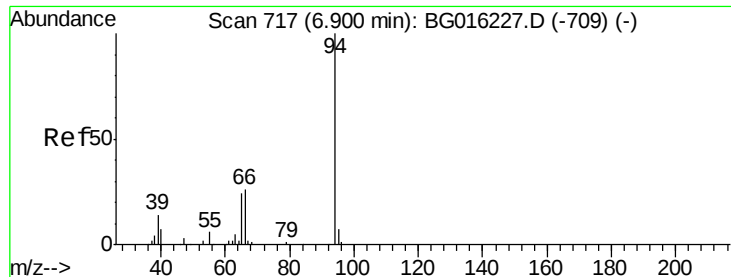
42 11.7 10.0 15.0

71 20.3 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





#10

Phenol

Concen: 8.82 ng

RT: 6.98 min Scan# 731

Delta R.T. 0.10 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

Instrument :

BNA_G

ClientSampleId :

EFFWWDL

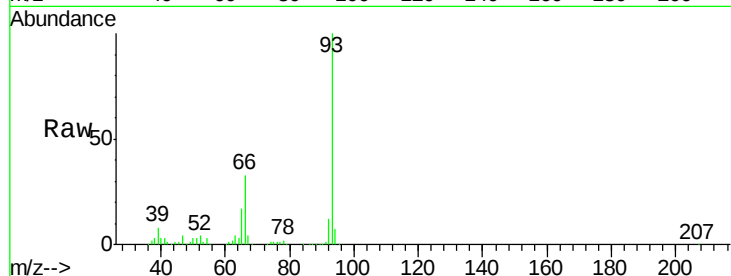
Tgt Ion: 94 Resp: 51008

Ion Ratio Lower Upper

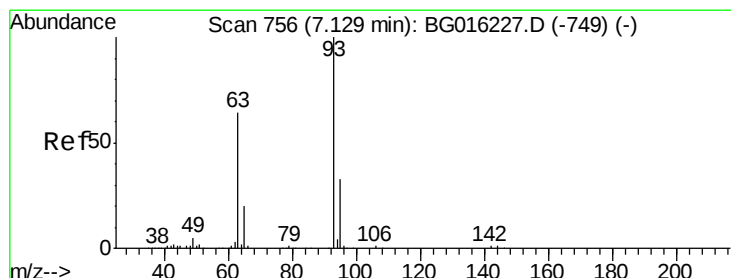
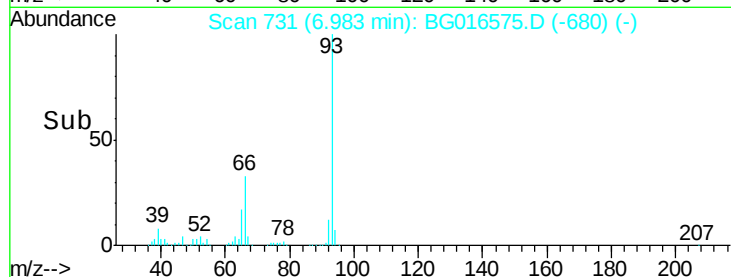
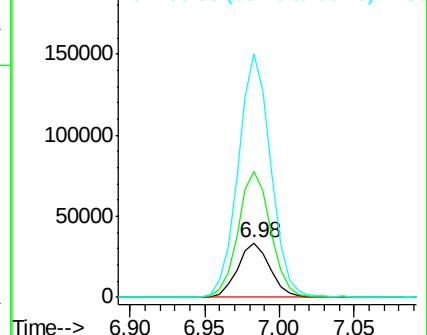
94 100

65 231.6 3.8 43.8#

66 447.8 7.4 47.4#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 150.80 ng

RT: 6.98 min Scan# 731

Delta R.T. -0.13 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

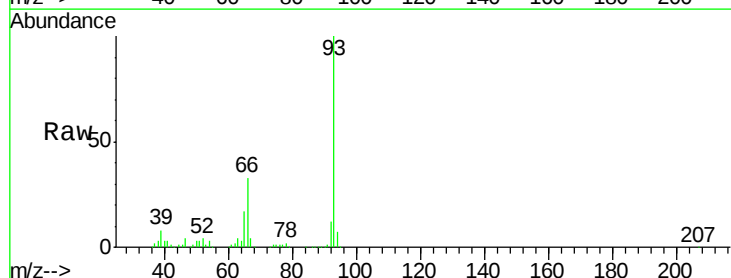
Tgt Ion: 93 Resp: 695540

Ion Ratio Lower Upper

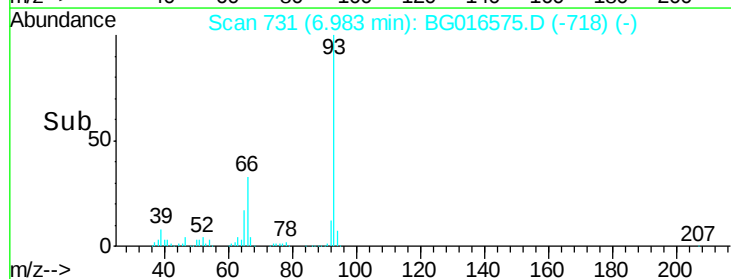
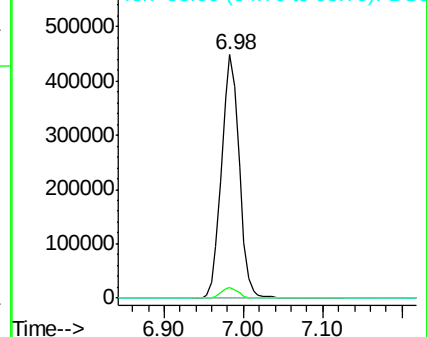
93 100

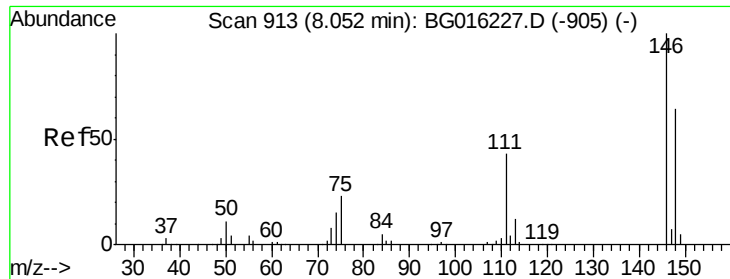
63 4.4 44.1 84.1#

95 0.2 12.5 52.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

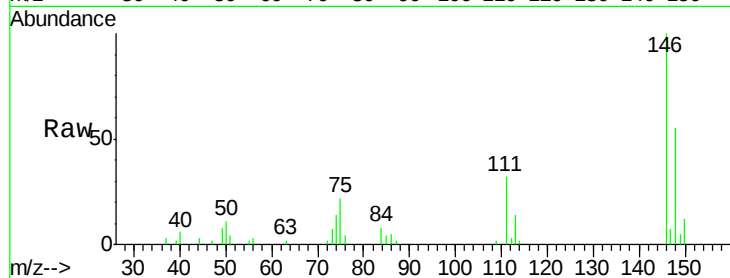




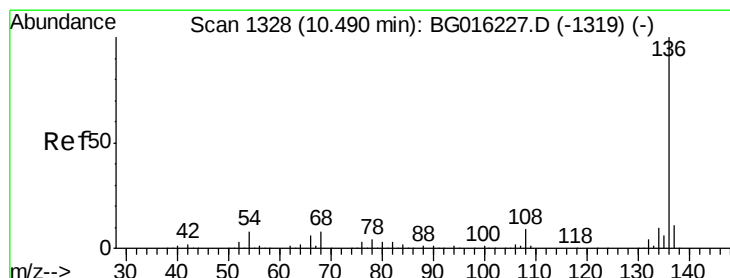
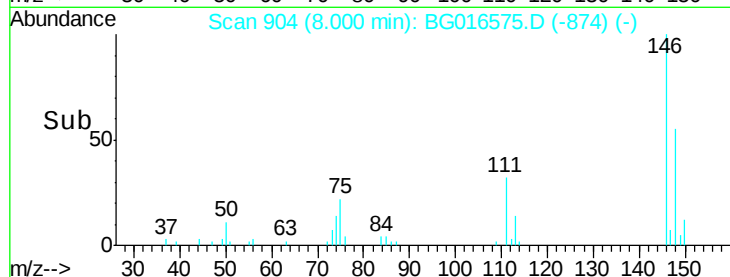
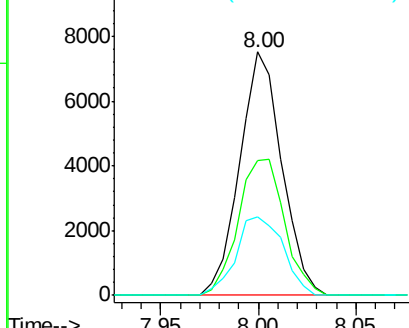
#14
 1,2-Dichlorobenzene
 Concen: 2.60 ng
 RT: 8.00 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL

Tgt Ion:146 Resp: 11246
 Ion Ratio Lower Upper
 146 100
 148 55.3 50.9 76.3
 111 32.1 34.7 52.1#

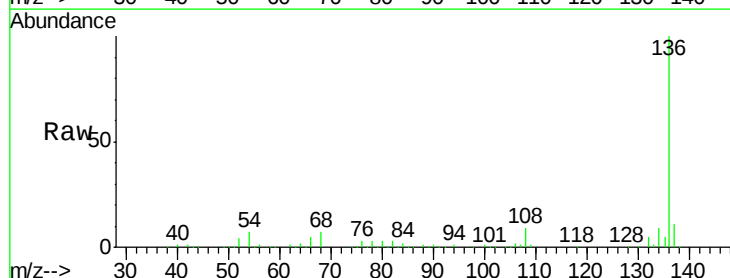


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

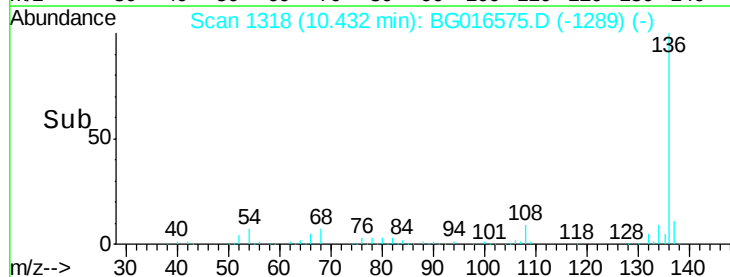
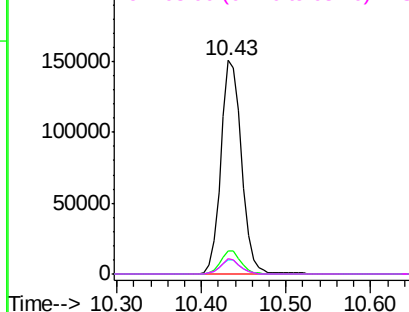


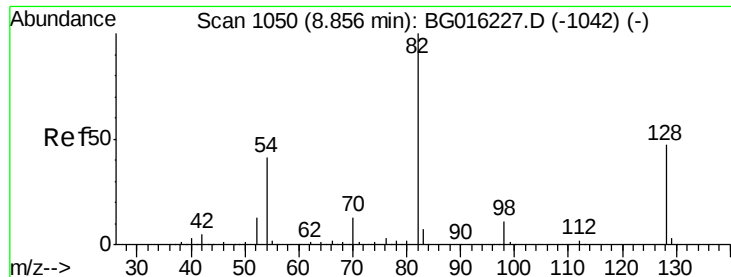
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.43 min Scan# 1318
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Tgt Ion:136 Resp: 255621
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.7 13.1
 54 6.7 6.3 9.5
 68 7.3 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BGC
 Ion 68.00 (67.70 to 68.70): BGC

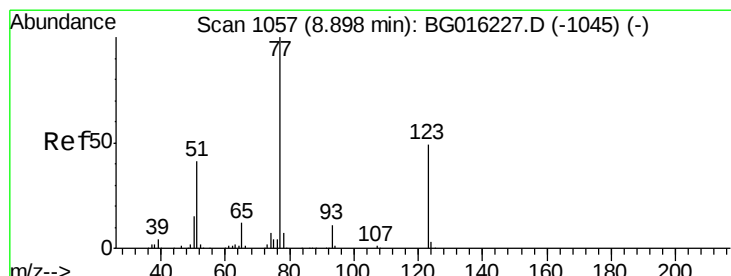
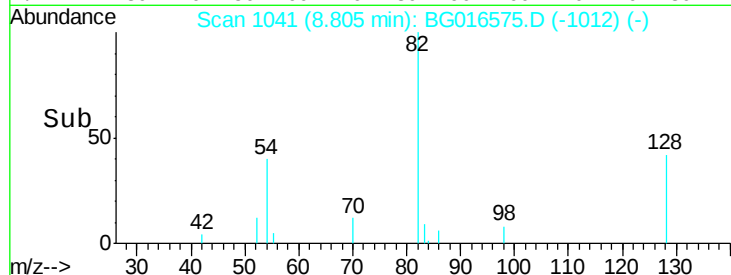
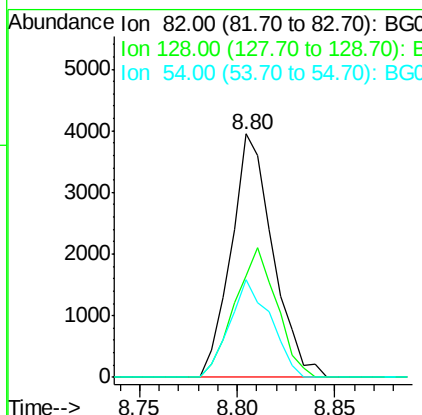
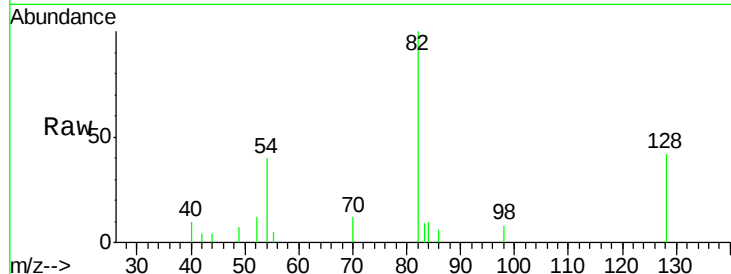




#23
 Nitrobenzene-d5
 Concen: 1.32 ng
 RT: 8.80 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

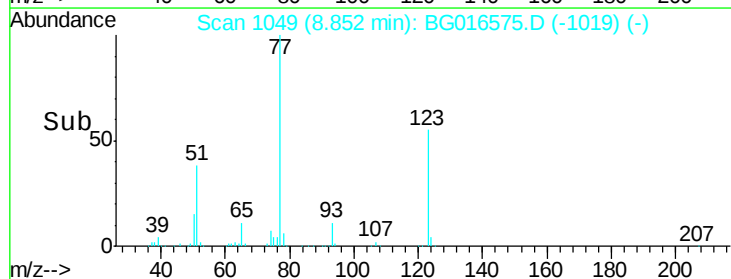
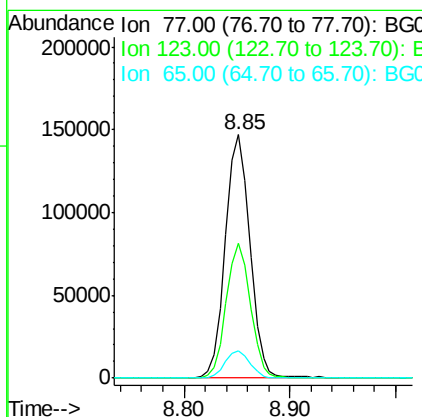
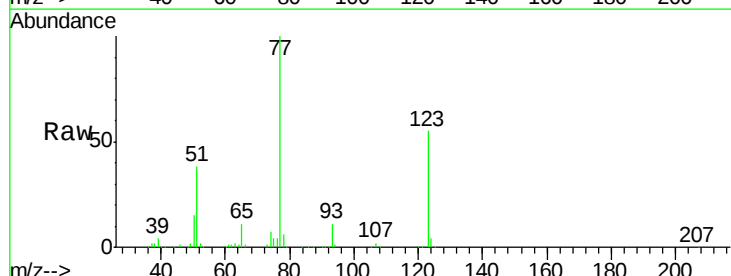
Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL

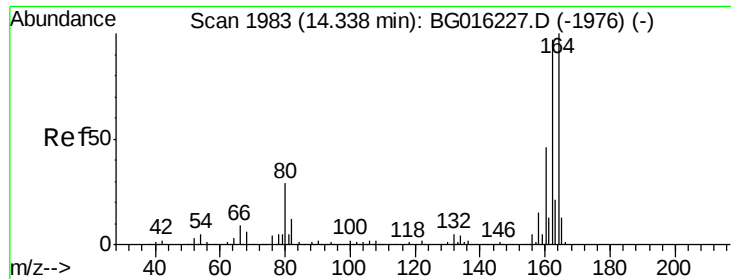
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	37.8	56.8
54	40.2	32.6	49.0



#24
 Nitrobenzene
 Concen: 50.45 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.2	38.8	58.2
65	11.4	9.4	14.2

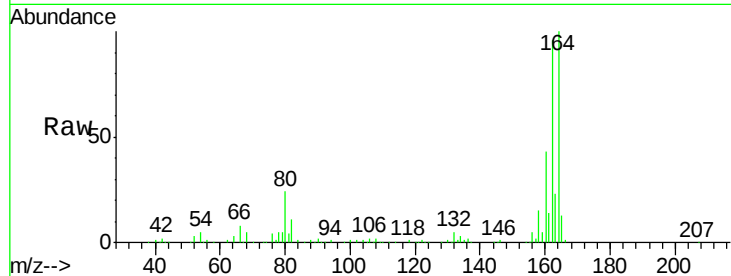




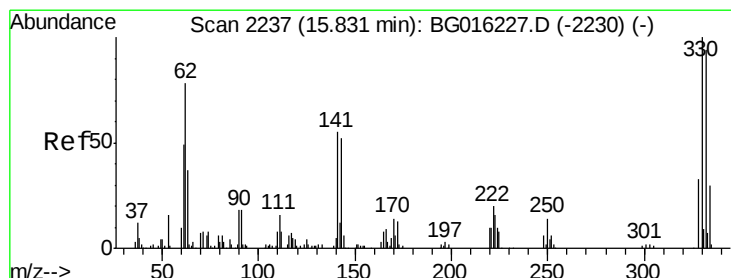
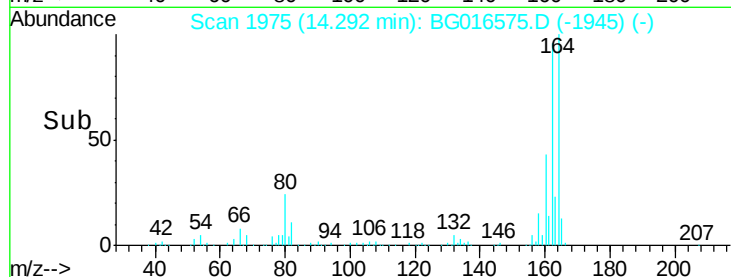
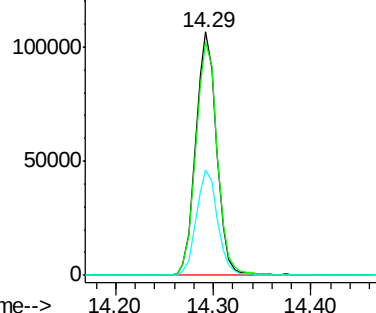
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL

Tgt Ion:164 Resp: 157979
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.3 115.9
 160 43.5 36.7 55.1

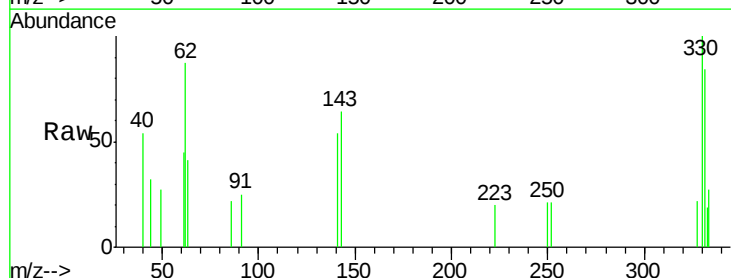


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

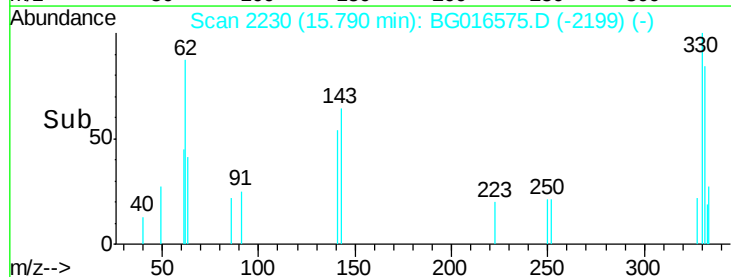
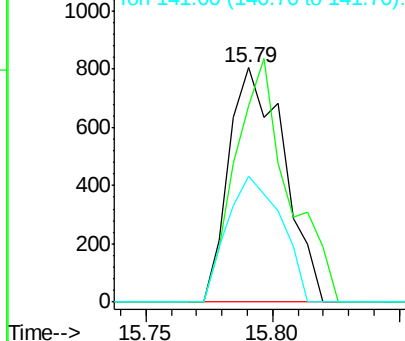


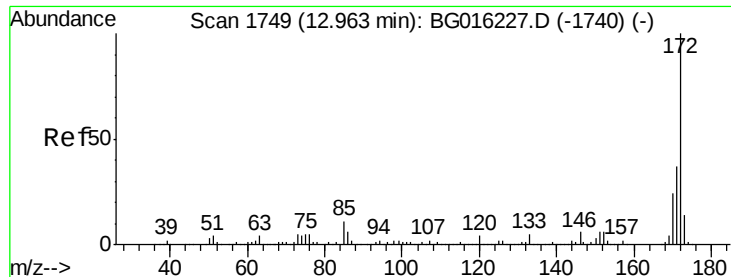
#41
 2,4,6-Tribromophenol
 Concen: 1.14 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.02 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Tgt Ion:330 Resp: 1216
 Ion Ratio Lower Upper
 330 100
 332 99.7 75.8 113.6
 141 53.0 46.6 69.8



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

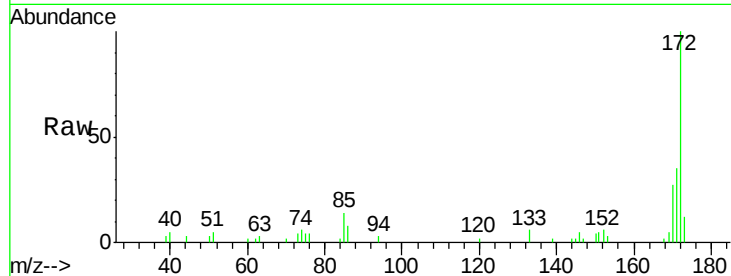




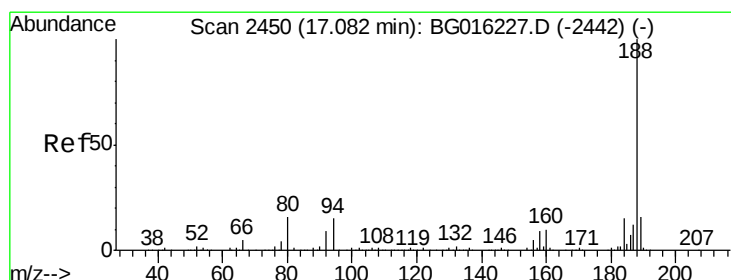
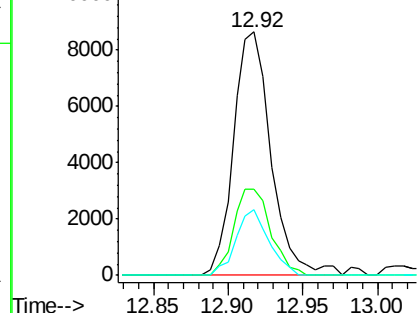
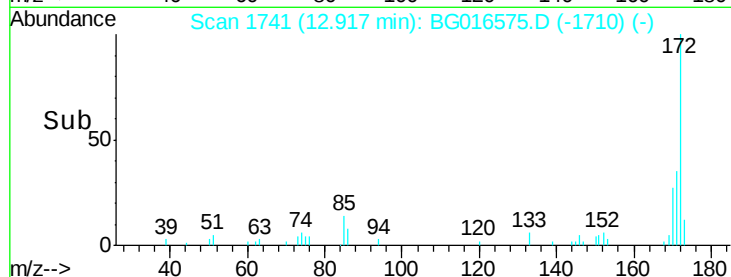
#44
 2-Fluorobiphenyl
 Concen: 1.63 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Instrument :
 BNA_G
 ClientSampleId :
 EFFWWDL

Tgt Ion:172 Resp: 15166
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 27.1 19.4 29.2

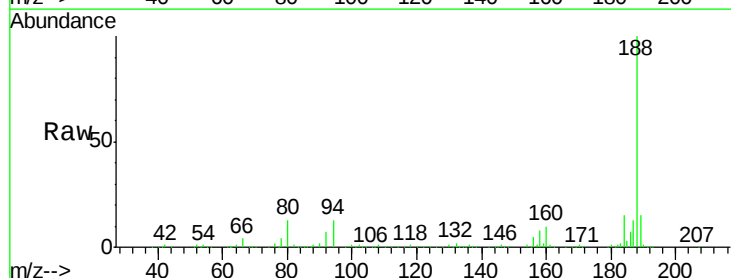


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

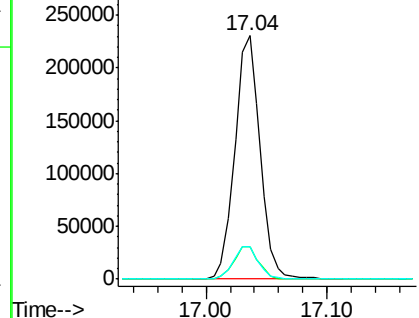
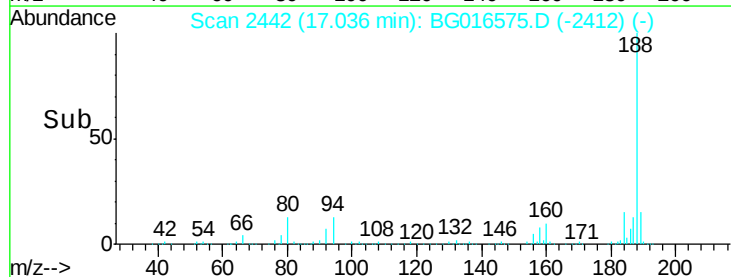


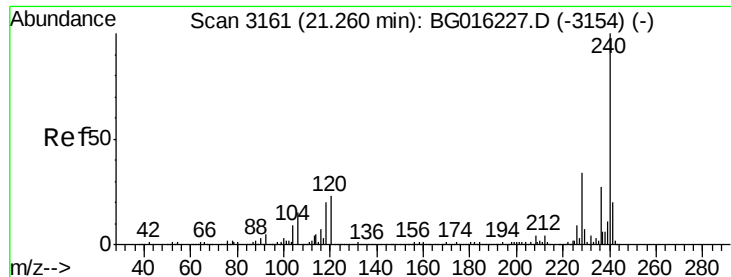
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.03 min
 Lab File: BG016575.D
 Acq: 21 Apr 2015 7:36

Tgt Ion:188 Resp: 335881
 Ion Ratio Lower Upper
 188 100
 94 13.2 12.2 18.4
 80 13.1 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.03 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

Instrument :

BNA_G

ClientSampleId :

EFFWWDL

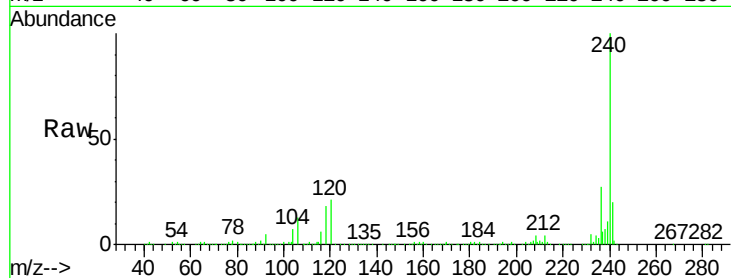
Tgt Ion:240 Resp: 299302

Ion Ratio Lower Upper

240 100

120 21.0 18.6 28.0

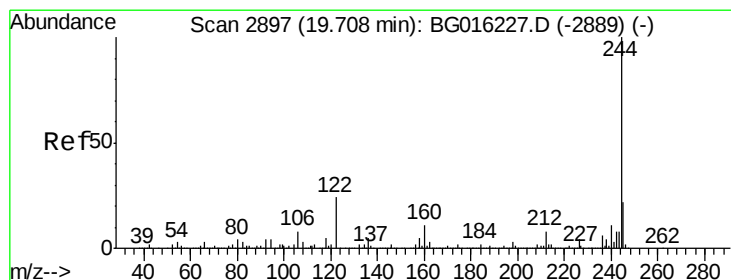
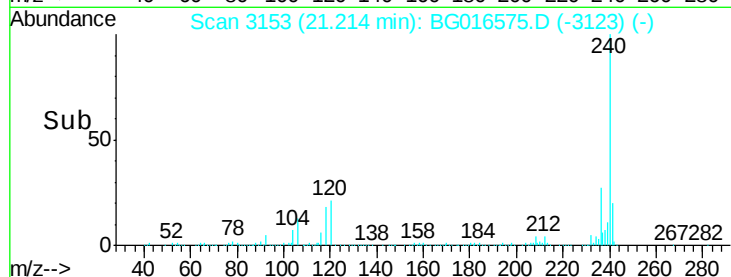
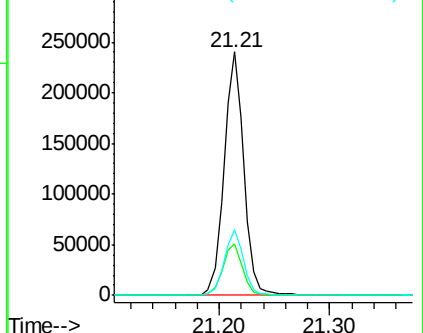
236 26.7 21.7 32.5



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: 1.44 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG016575.D

Acq: 21 Apr 2015 7:36

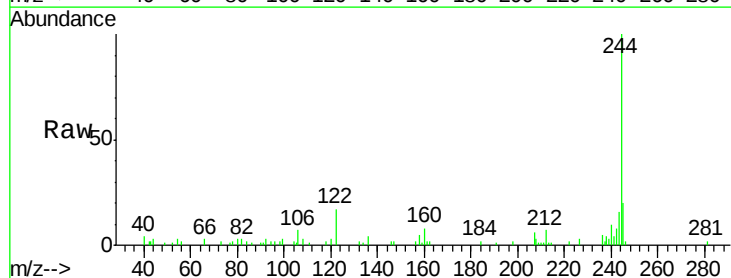
Tgt Ion:244 Resp: 18416

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

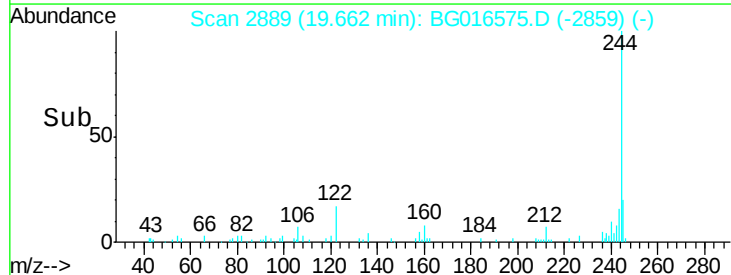
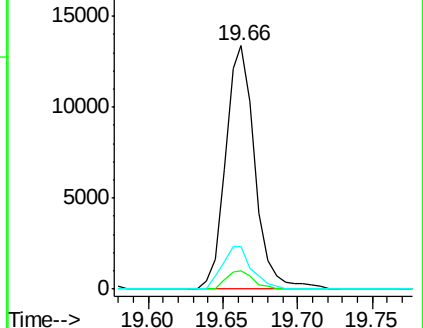
122 17.5 19.1 28.7#

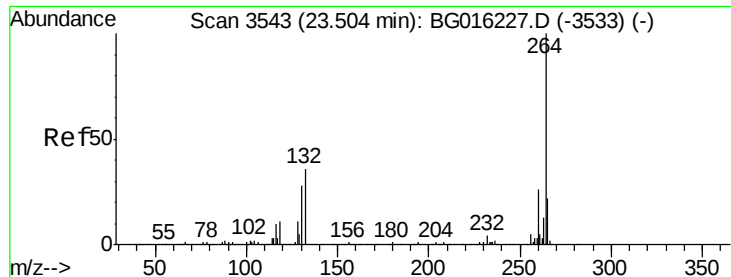


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

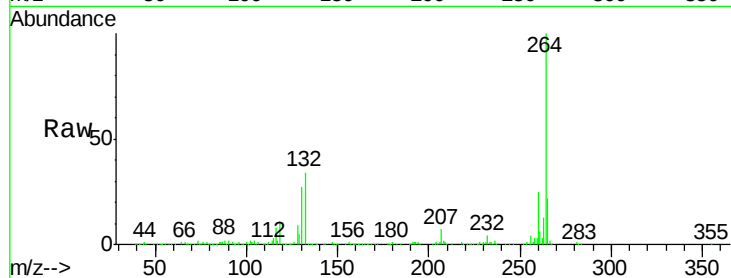




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BG016575.D
Acq: 21 Apr 2015 7:36

Instrument :
BNA_G
ClientSampleId :
EFFWWDL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	22.1	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

