

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016478.D
 Acq On : 17 Apr 2015 6:14
 Operator : TP/IZ
 Sample : G1904-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS041415WC

Quant Time: Apr 17 07:17:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

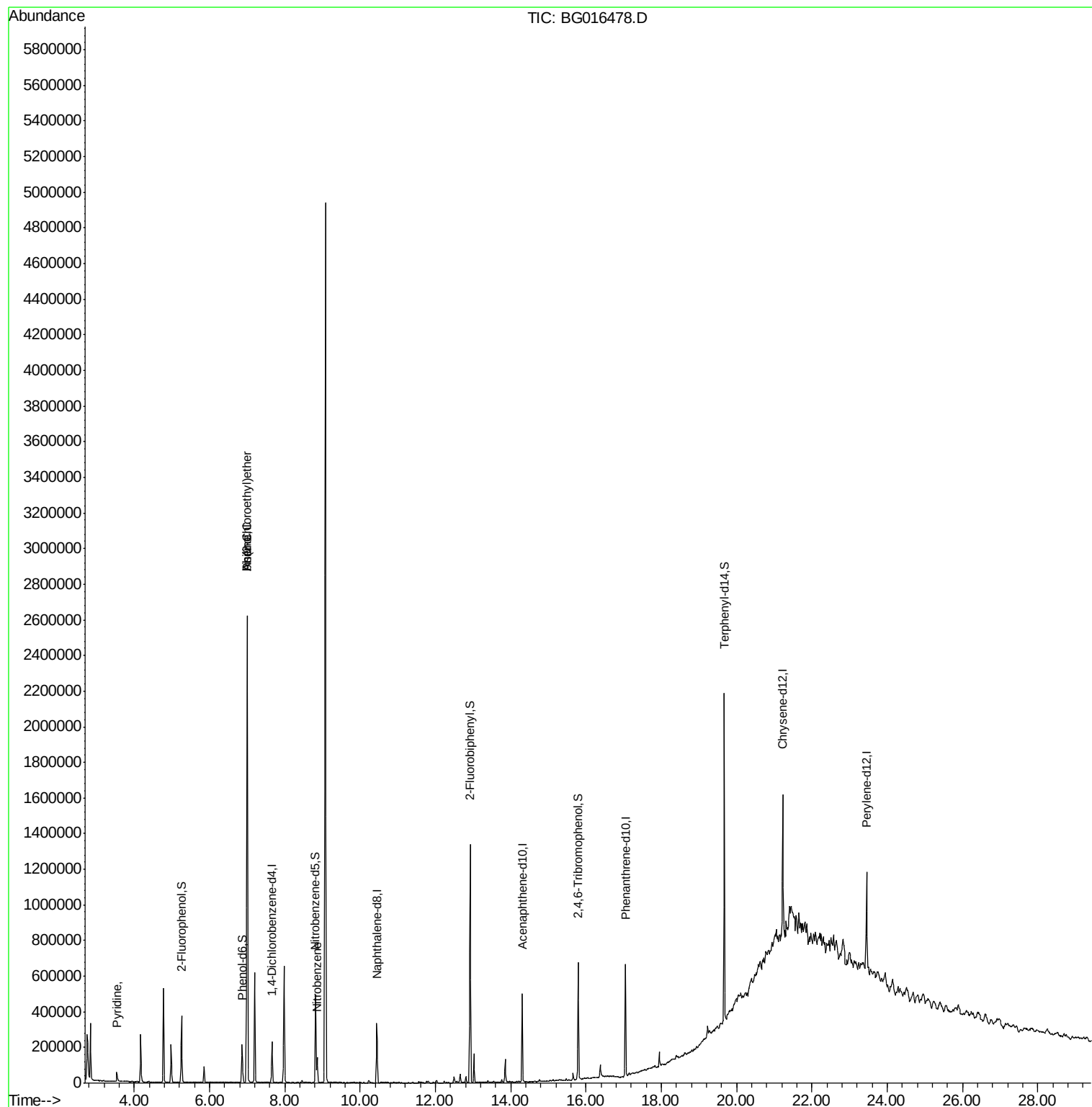
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	66504	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	285086	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	163857	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	346891	20.00	ng	0.00
75) Chrysene-d12	21.22	240	301643	20.00	ng	0.00
86) Perylene-d12	23.45	264	286422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	185423	44.00	ng	0.00
7) Phenol-d6	6.86	99	169204	26.75	ng	0.01
23) Nitrobenzene-d5	8.82	82	297523	60.46	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	94958	85.69	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	667720	69.38	ng	0.00
78) Terphenyl-d14	19.67	244	697685	54.13	ng	0.00
Target Compounds						
3) Pyridine	3.53	79	35814	6.26	ng	Qvalue 96
6) Aniline	7.00	93	1737738	192.35	ng	94
10) Phenol	7.00	94	140427	20.75	ng	# 1
11) bis(2-Chloroethyl)ether	7.00	93	1737846	322.01	ng	# 31
24) Nitrobenzene	8.86	77	78412	14.90	ng	95

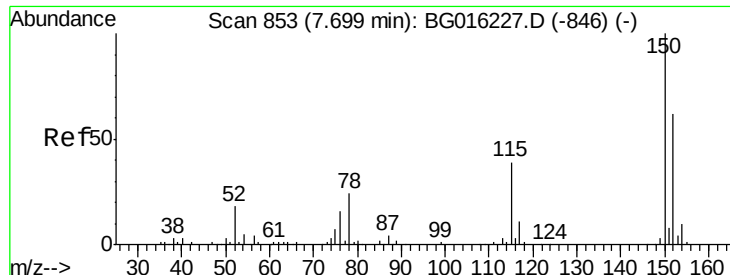
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 17 03:57:14 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

Instrument :

BNA_G

ClientSampleId :

SYSDIS041415WC

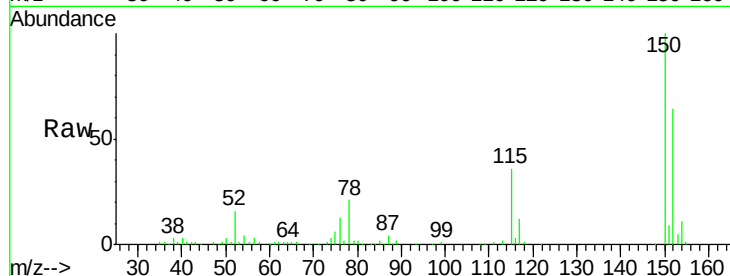
Tgt Ion:152 Resp: 66504

Ion Ratio Lower Upper

152 100

150 155.9 130.1 195.1

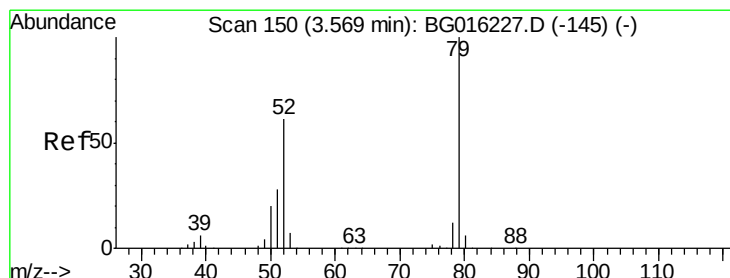
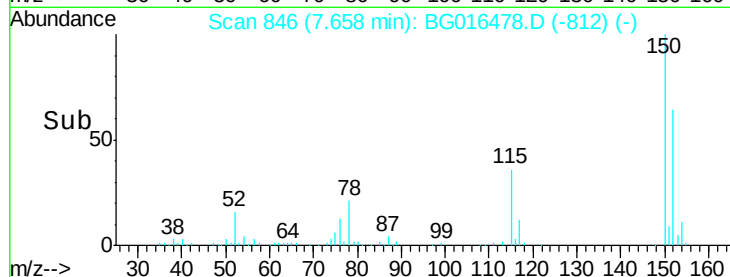
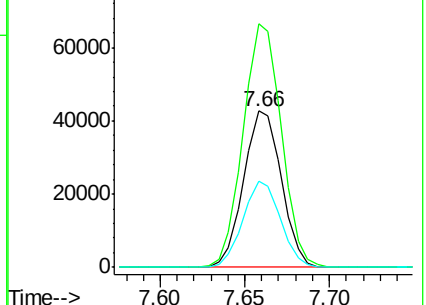
115 55.6 50.5 75.7



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



#3

Pyridine

Concen: 6.26 ng

RT: 3.53 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

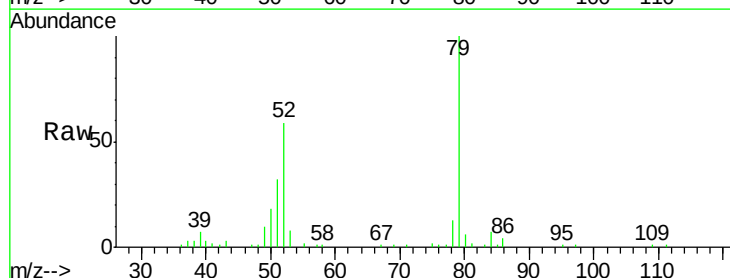
Tgt Ion: 79 Resp: 35814

Ion Ratio Lower Upper

79 100

52 59.4 49.0 73.4

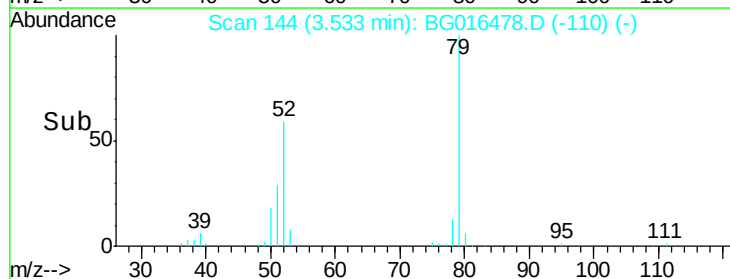
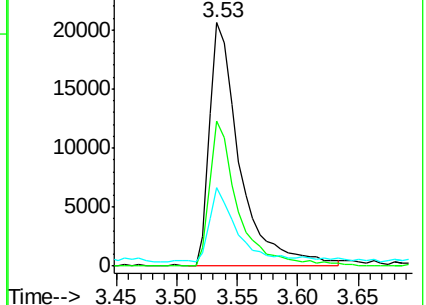
51 32.0 22.5 33.7

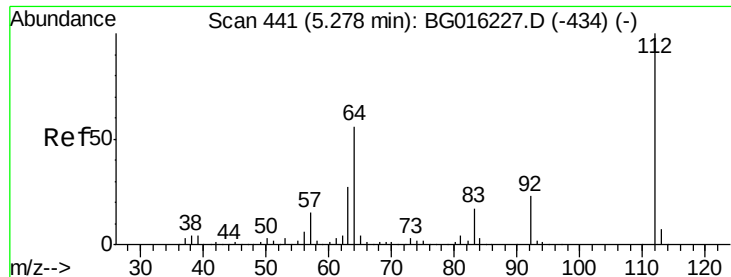


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 44.00 ng

RT: 5.25 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

Instrument :

BNA_G

ClientSampleId :

SYSDIS041415WC

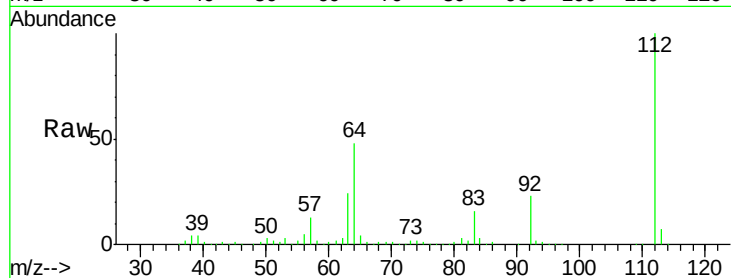
Tgt Ion: 112 Resp: 185423

Ion Ratio Lower Upper

112 100

64 48.0 44.5 66.7

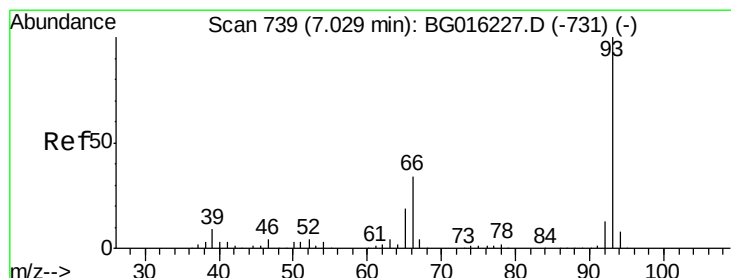
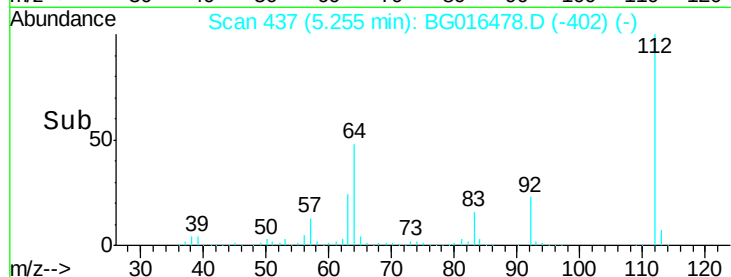
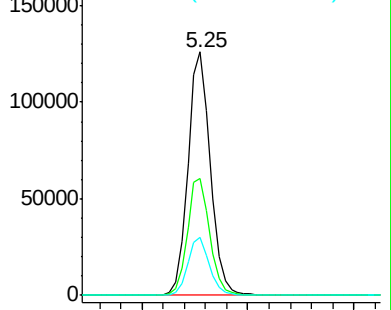
63 23.7 21.4 32.0



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: 192.35 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

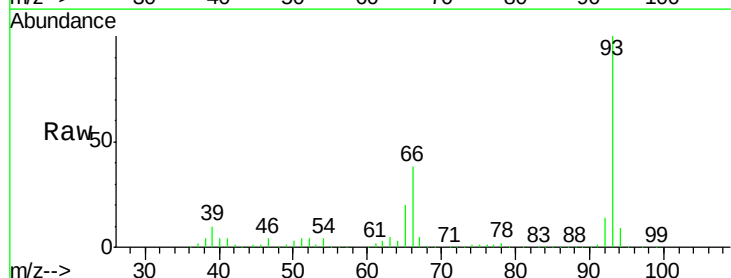
Tgt Ion: 93 Resp: 1737738

Ion Ratio Lower Upper

93 100

66 38.2 27.5 41.3

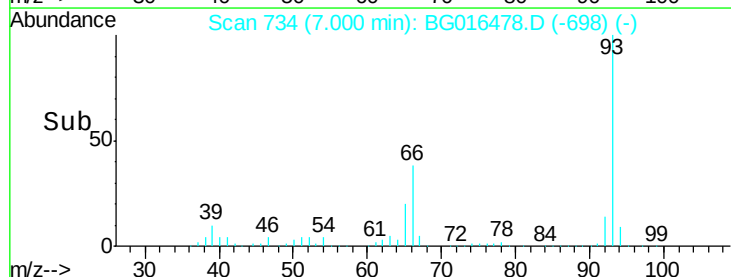
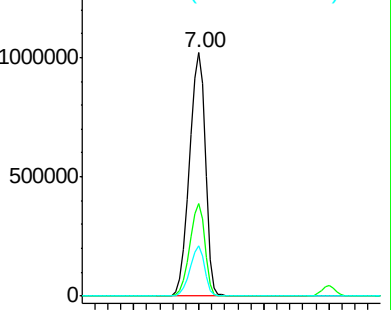
65 20.5 15.1 22.7

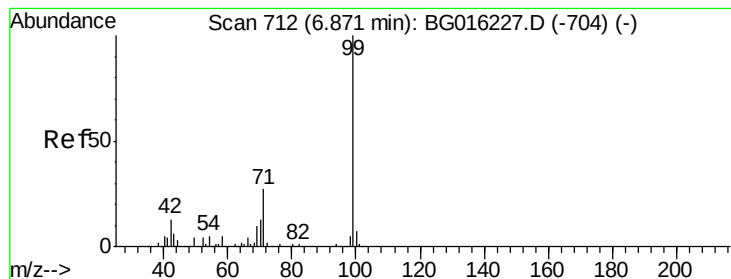


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 26.75 ng

RT: 6.86 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

Instrument :

BNA_G

ClientSampleId :

SYSDIS041415WC

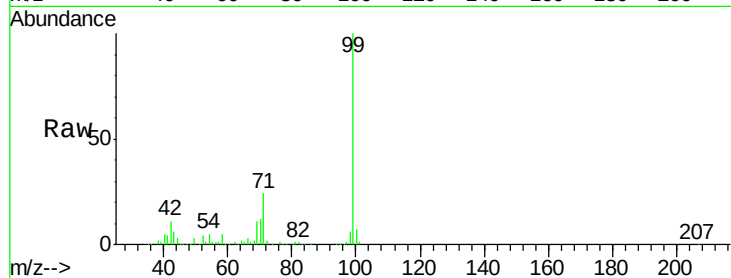
Tgt Ion: 99 Resp: 169204

Ion Ratio Lower Upper

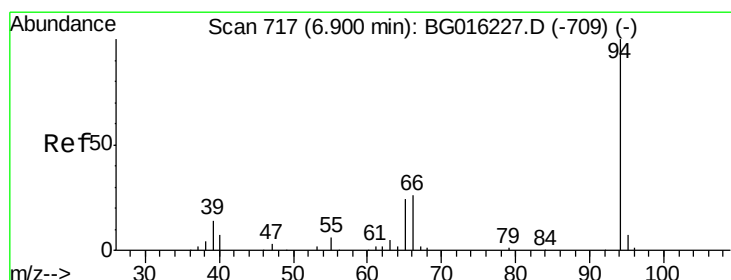
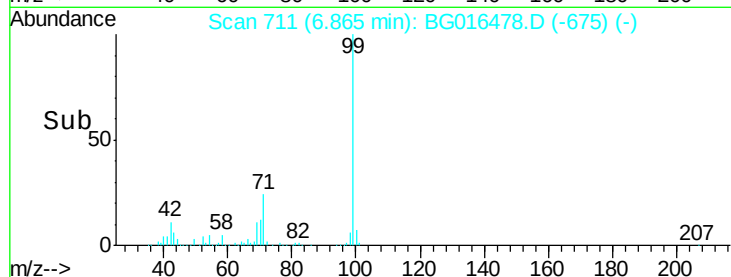
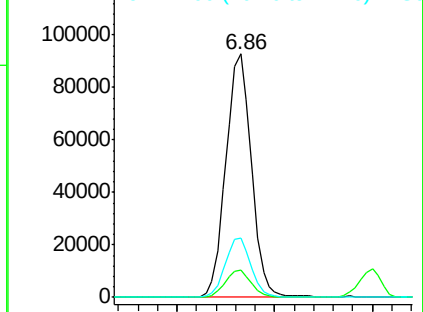
99 100

42 11.4 10.0 15.0

71 24.4 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: 20.75 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.12 min

Lab File: BG016478.D

Acq: 17 Apr 2015 6:14

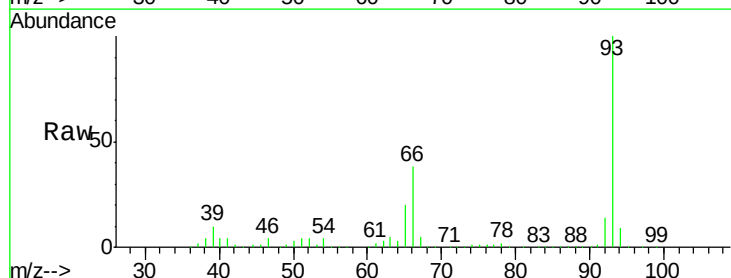
Tgt Ion: 94 Resp: 140427

Ion Ratio Lower Upper

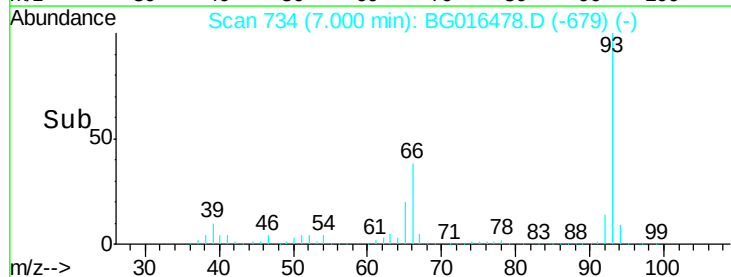
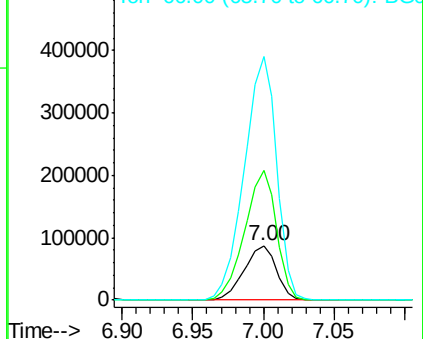
94 100

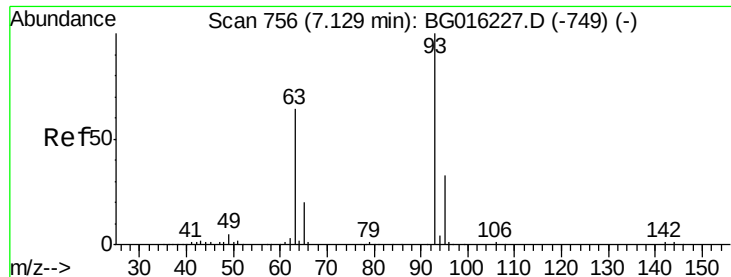
65 239.7 3.8 43.8#

66 448.2 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



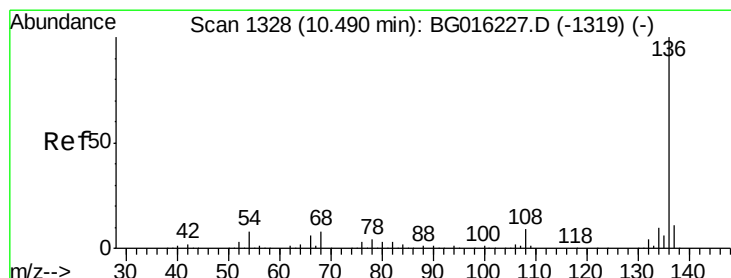
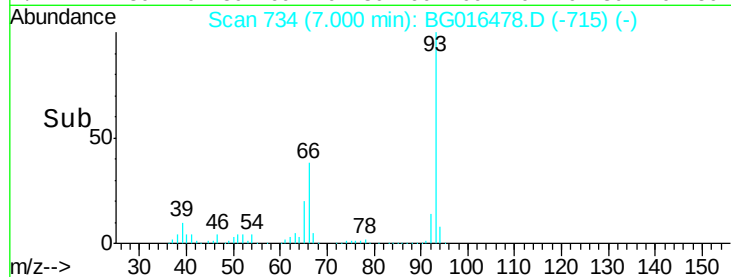
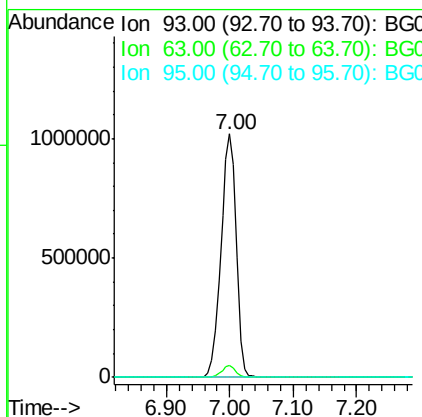
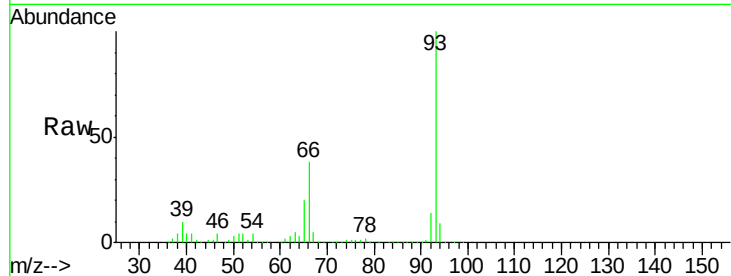


#11
 bis(2-Chloroethyl)ether
 Concen: 322.01 ng
 RT: 7.00 min Scan# 734
 Delta R.T. -0.09 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS041415WC

Tgt Ion: 93 Resp: 1737846

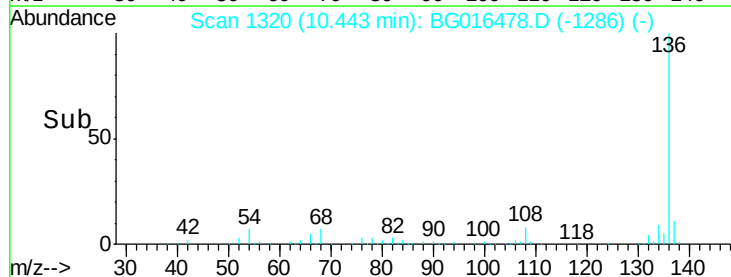
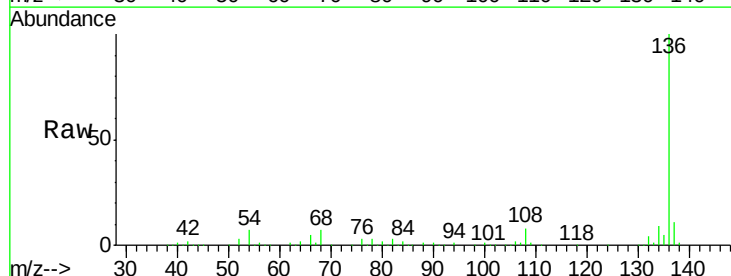
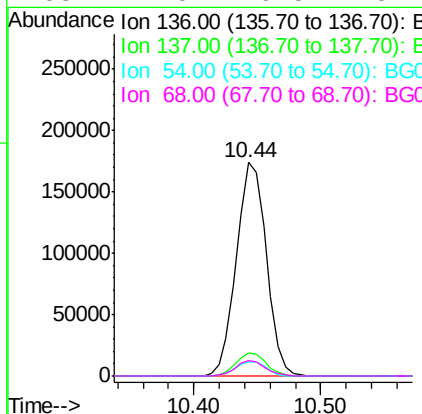
Ion	Ratio	Lower	Upper
93	100		
63	5.0	44.1	84.1#
95	0.3	12.5	52.5#

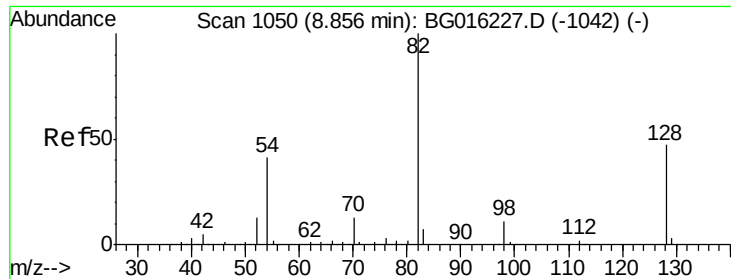


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Tgt Ion: 136 Resp: 285086

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	6.3	9.5
68	7.0	6.5	9.7

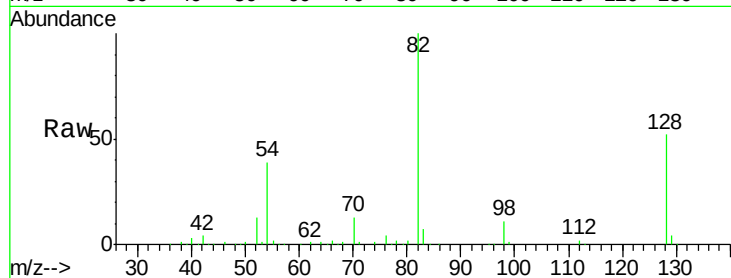




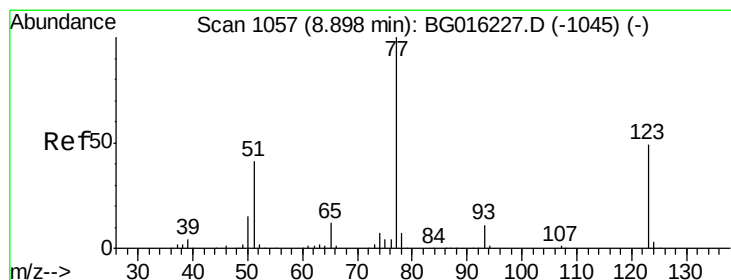
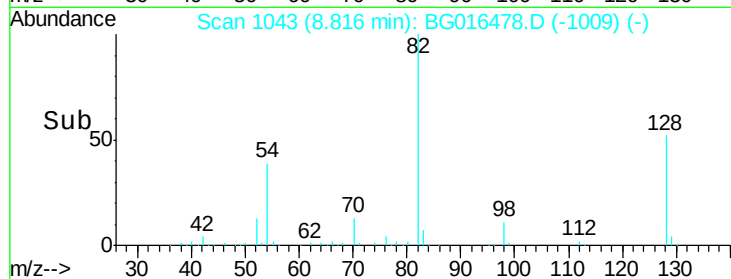
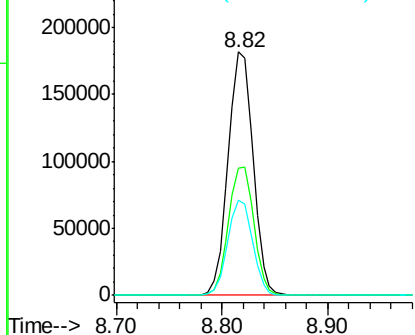
#23
 Nitrobenzene-d5
 Concen: 60.46 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS041415WC

Tgt Ion: 82 Resp: 297523
 Ion Ratio Lower Upper
 82 100
 128 52.4 37.8 56.8
 54 39.2 32.6 49.0

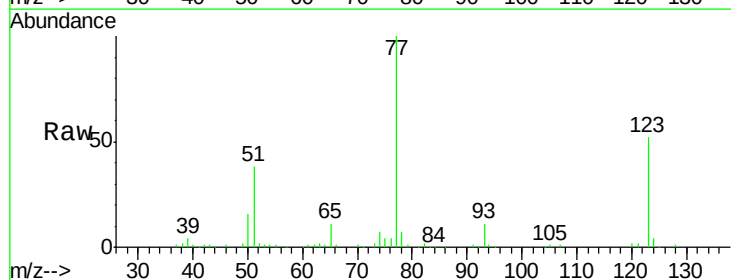


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

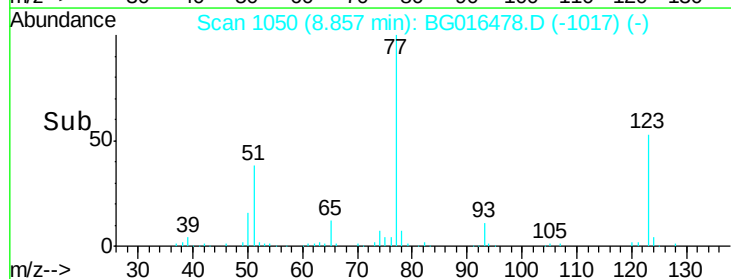
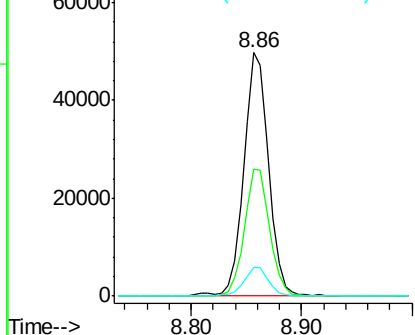


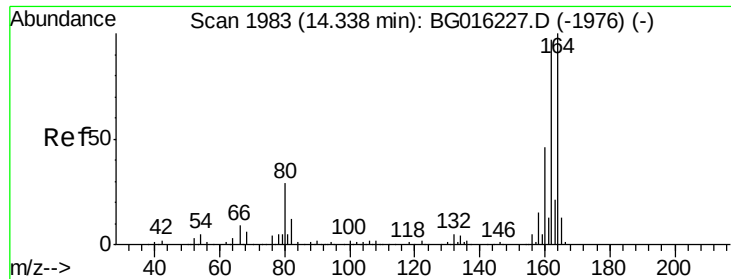
#24
 Nitrobenzene
 Concen: 14.90 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Tgt Ion: 77 Resp: 78412
 Ion Ratio Lower Upper
 77 100
 123 52.4 38.8 58.2
 65 11.5 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

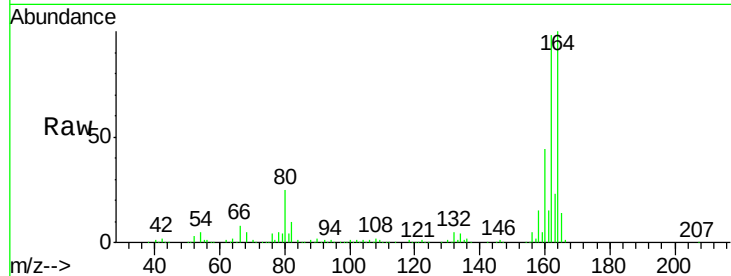




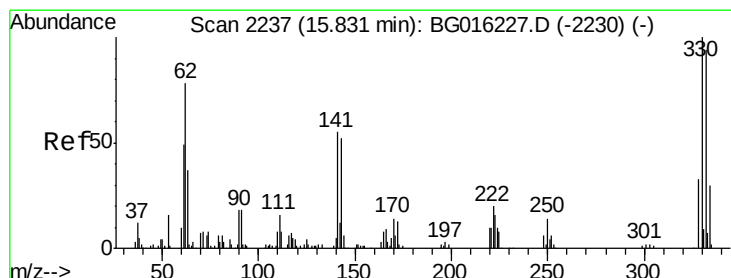
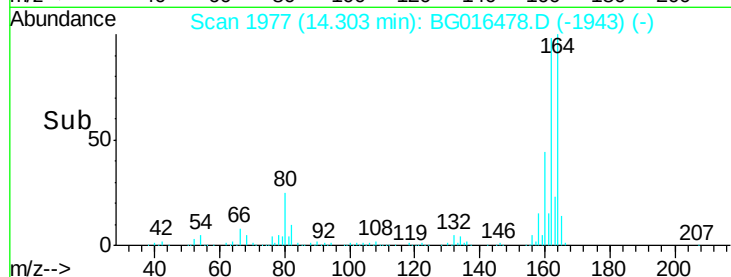
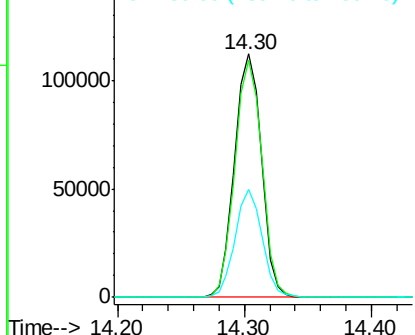
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS041415WC

Tgt Ion:164 Resp: 163857
 Ion Ratio Lower Upper
 164 100
 162 97.6 77.3 115.9
 160 44.2 36.7 55.1

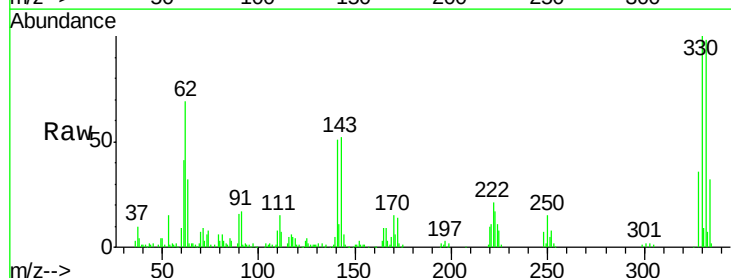


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

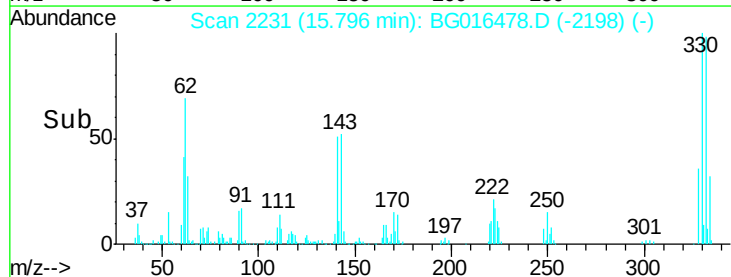
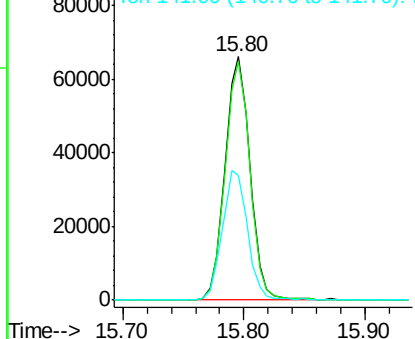


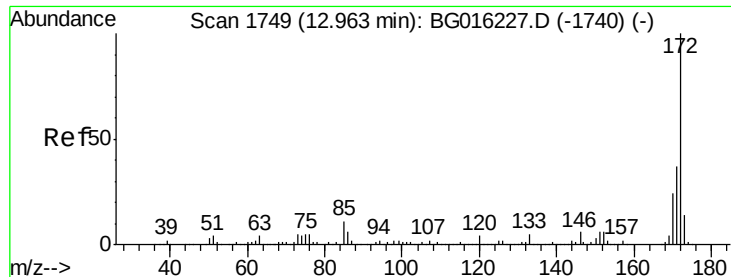
#41
 2,4,6-Tribromophenol
 Concen: 85.69 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Tgt Ion:330 Resp: 94958
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.8 113.6
 141 53.8 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

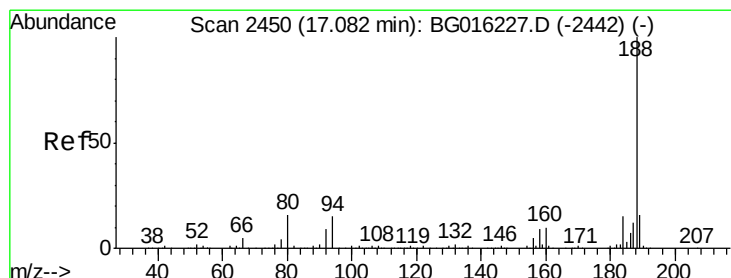
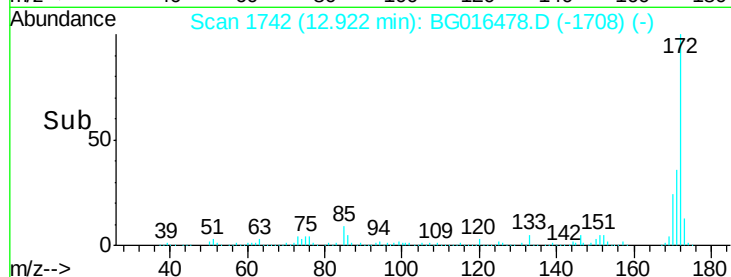
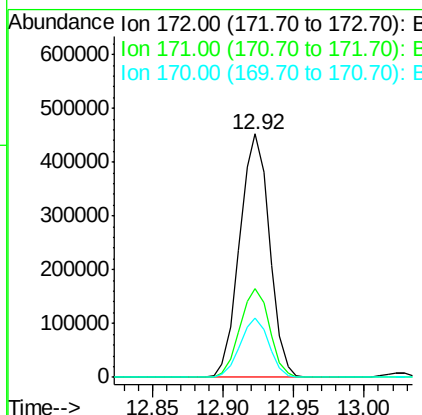
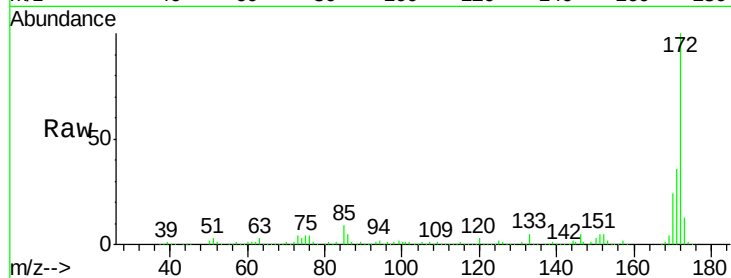




#44
 2-Fluorobiphenyl
 Concen: 69.38 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

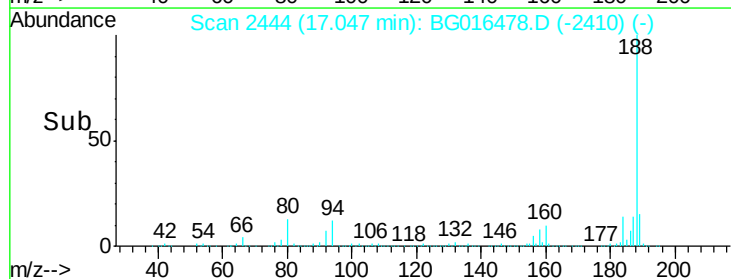
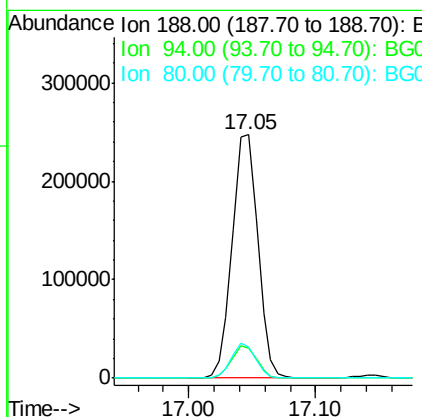
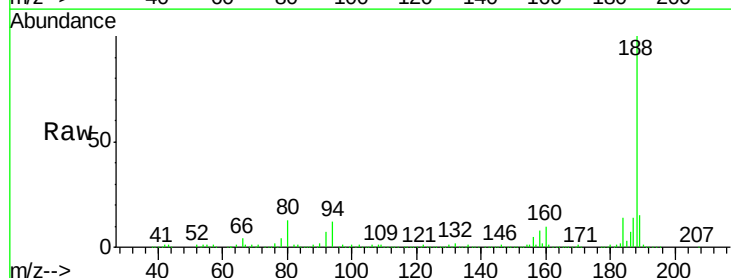
Instrument :
 BNA_G
 ClientSampleId :
 SYSDIS041415WC

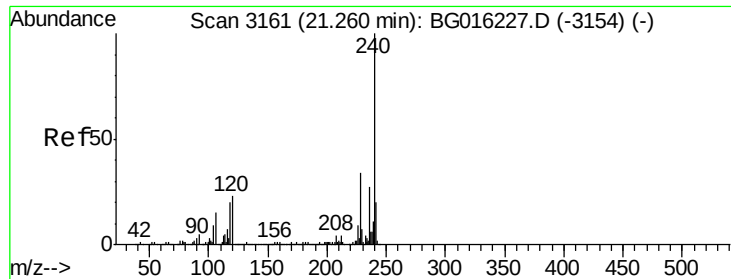
Tgt Ion:172 Resp: 667720
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.05 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG016478.D
 Acq: 17 Apr 2015 6:14

Tgt Ion:188 Resp: 346891
 Ion Ratio Lower Upper
 188 100
 94 12.3 12.2 18.4
 80 12.8 12.8 19.2

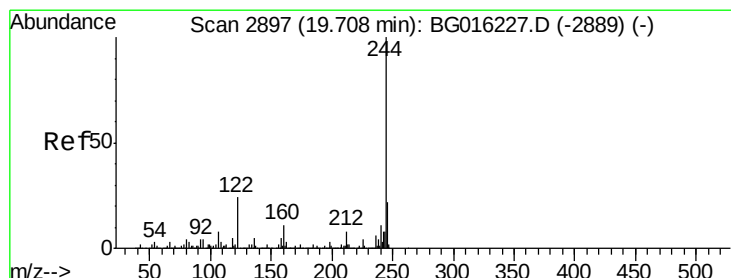
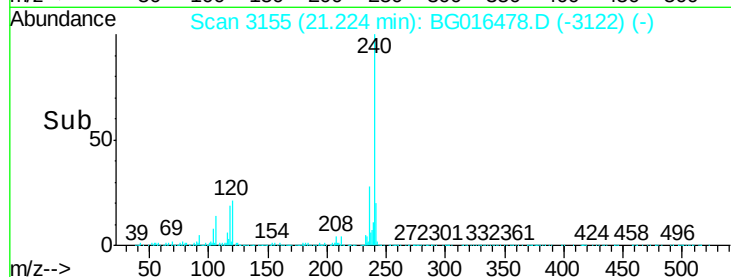
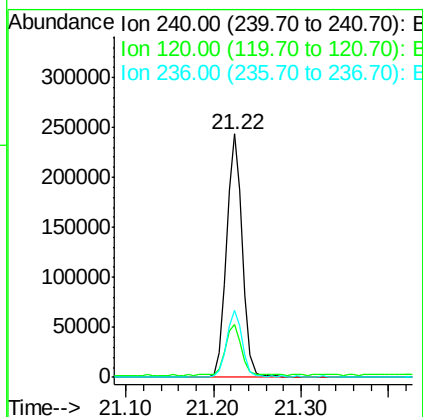
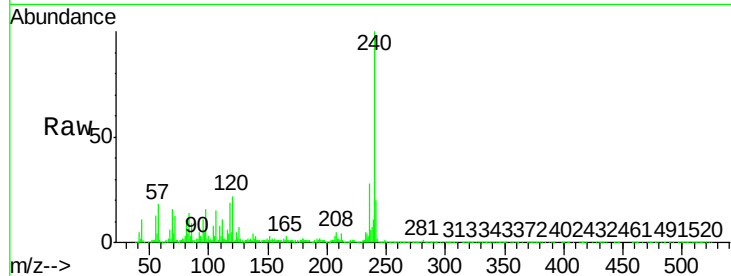




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016478.D
Acq: 17 Apr 2015 6:14

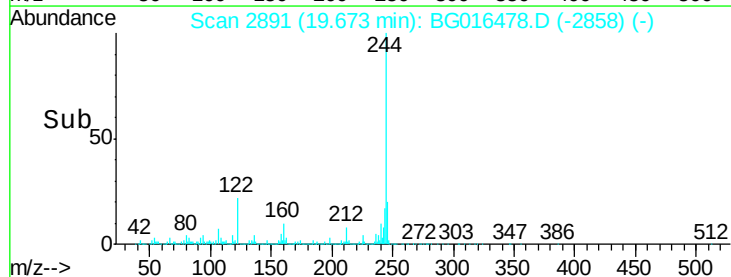
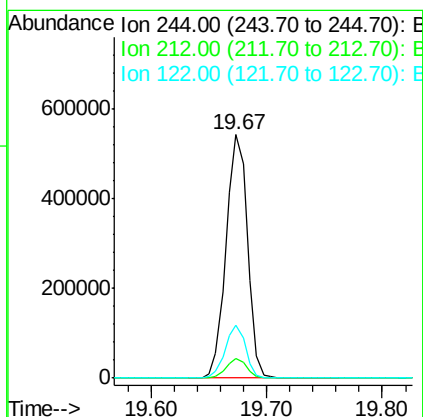
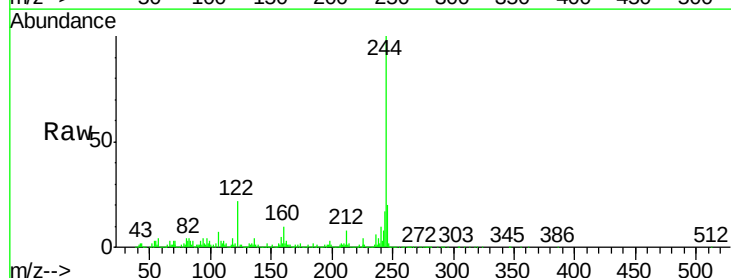
Instrument :
BNA_G
ClientSampleId :
SYSDIS041415WC

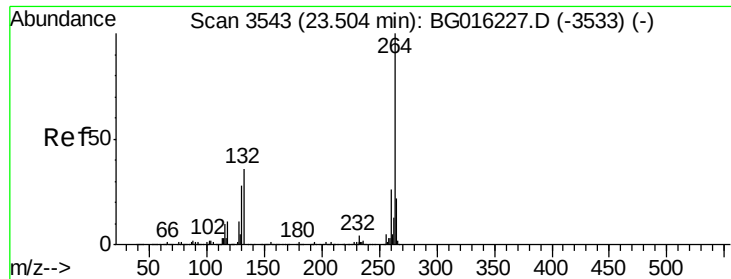
Tgt Ion:240 Resp: 301643
Ion Ratio Lower Upper
240 100
120 21.9 18.6 28.0
236 27.7 21.7 32.5



#78
Terphenyl-d14
Concen: 54.13 ng
RT: 19.67 min Scan# 2891
Delta R.T. -0.01 min
Lab File: BG016478.D
Acq: 17 Apr 2015 6:14

Tgt Ion:244 Resp: 697685
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 22.0 19.1 28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016478.D
Acq: 17 Apr 2015 6:14

Instrument :
BNA_G
ClientSampleId :
SYSDIS041415WC

Tgt Ion: 264 Resp: 286422
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
265 21.8 17.2 25.8

