

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016643.D
 Acq On : 23 Apr 2015 7:15
 Operator : TP/IZ
 Sample : G1976-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0439

Quant Time: Apr 23 07:59:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:31:12 2015
 Response via : Initial Calibration

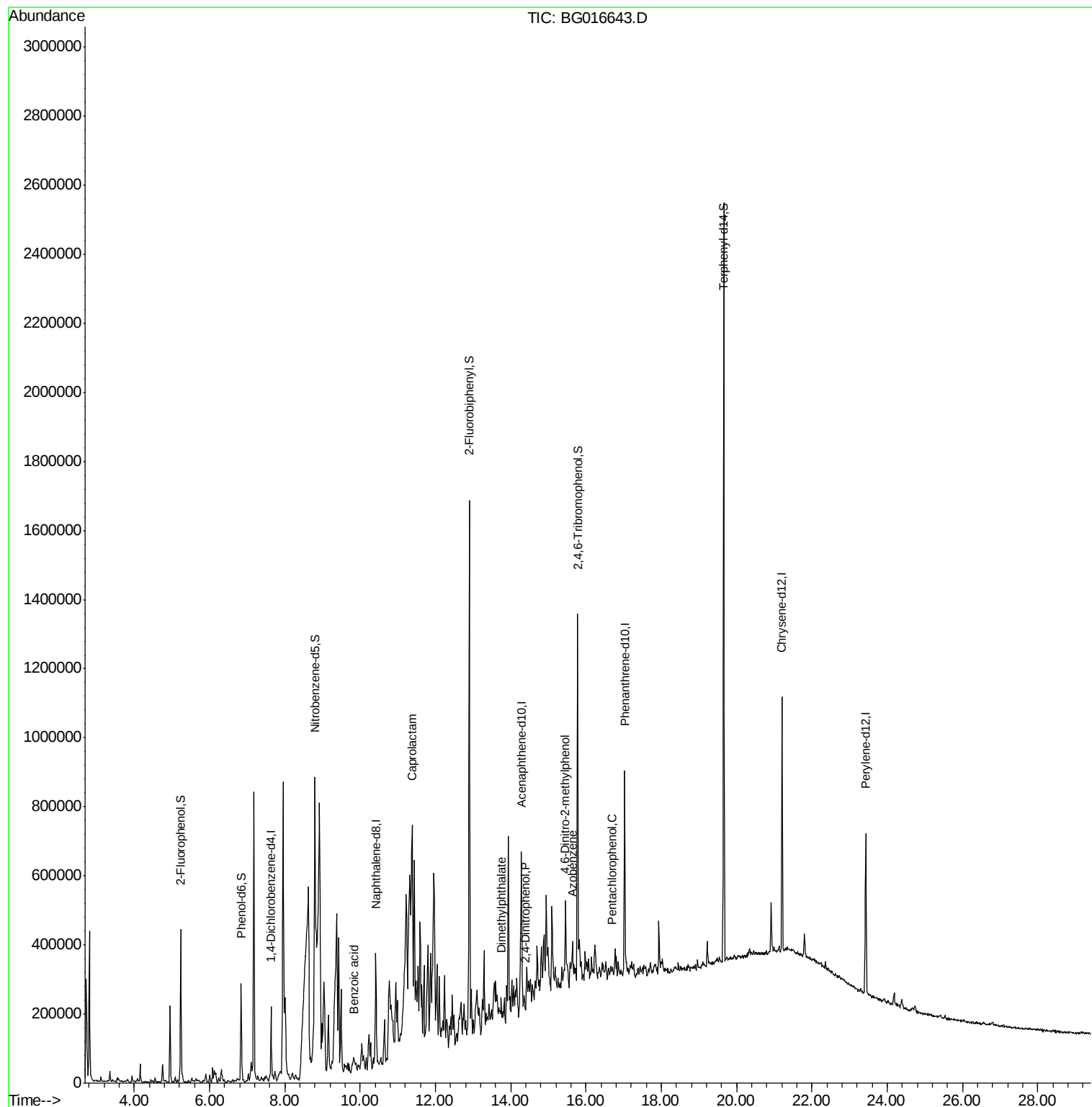
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	57151	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	245809	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	143493	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	313410	20.00	ng	0.00
75) Chrysene-d12	21.21	240	286942	20.00	ng	0.00
86) Perylene-d12	23.43	264	271764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	219404	61.53	ng	0.00
7) Phenol-d6	6.84	99	187957	37.73	ng	0.00
23) Nitrobenzene-d5	8.80	82	344108	86.20	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	142403	146.12	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	753120	86.92	ng	0.00
78) Terphenyl-d14	19.66	244	808835	67.91	ng	0.00
Target Compounds						
32) Benzoic acid	9.82	122	1147	7.94	ng	# 46
35) Caprolactam	11.38	113	48358	25.89	ng	# 36
49) Dimethylphthalate	13.74	163	25685	2.42	ng	# 88
53) 2,4-Dinitrophenol	14.39	184	72	8.44	ng	# 1
62) Azobenzene	15.64	77	29997	2.86	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.44	198	276	4.24	ng	# 1
69) Pentachlorophenol	16.69	266	356	6.48	ng	# 47

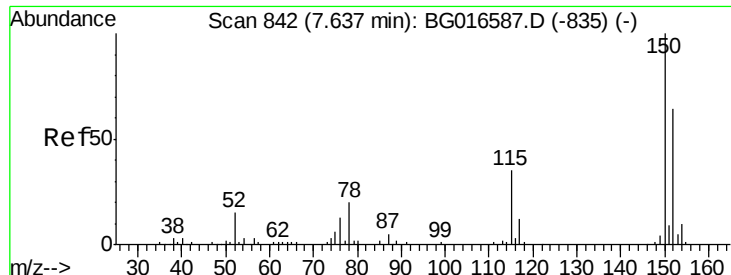
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Apr 23 07:59:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 07:31:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

Instrument :

BNA_G

ClientSampleId :

S8-0439

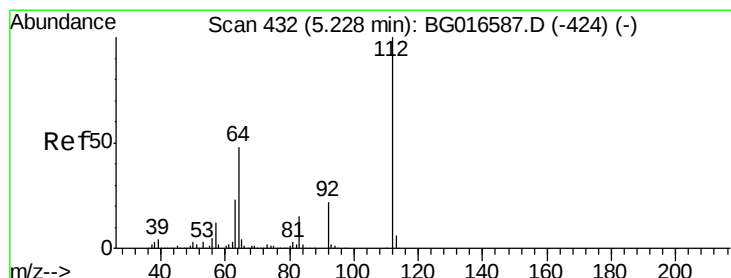
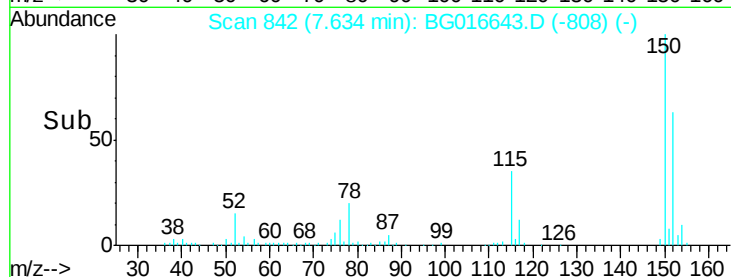
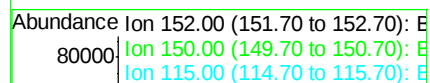
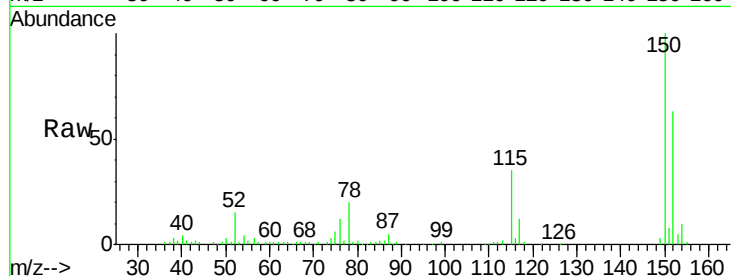
Tgt Ion:152 Resp: 57151

Ion Ratio Lower Upper

152 100

150 157.6 125.5 188.3

115 55.5 44.5 66.7



#5

2-Fluorophenol

Concen: 61.53 ng

RT: 5.23 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

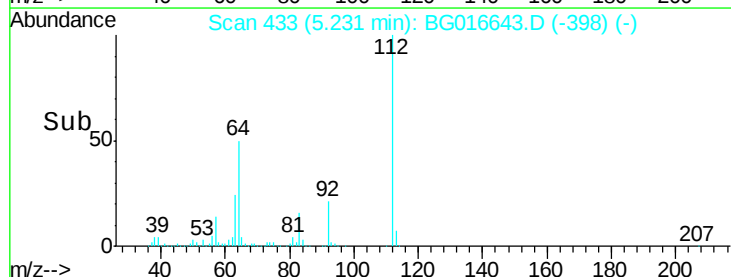
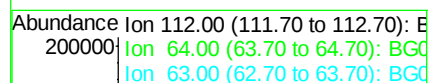
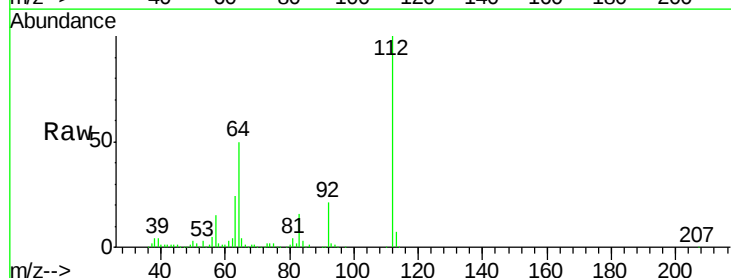
Tgt Ion:112 Resp: 219404

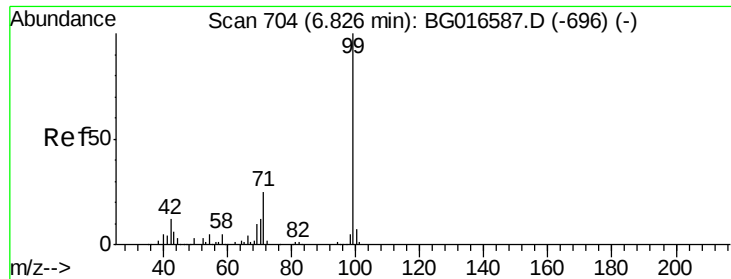
Ion Ratio Lower Upper

112 100

64 49.7 38.5 57.7

63 23.8 18.2 27.4





#7

Phenol-d6

Concen: 37.73 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

Instrument :

BNA_G

ClientSampleId :

S8-0439

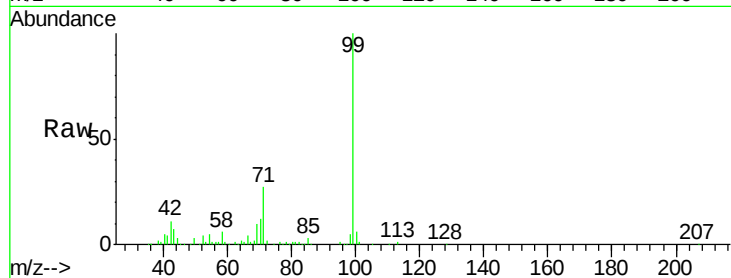
Tgt Ion: 99 Resp: 187957

Ion Ratio Lower Upper

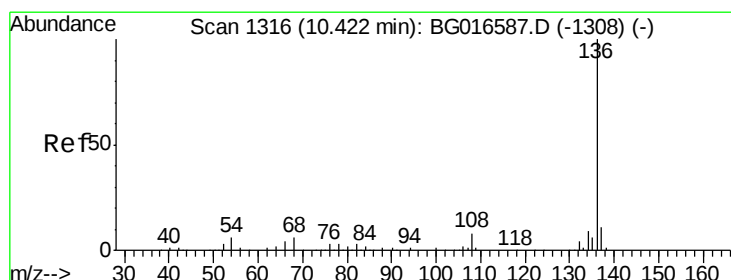
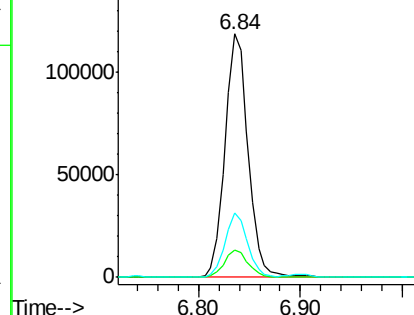
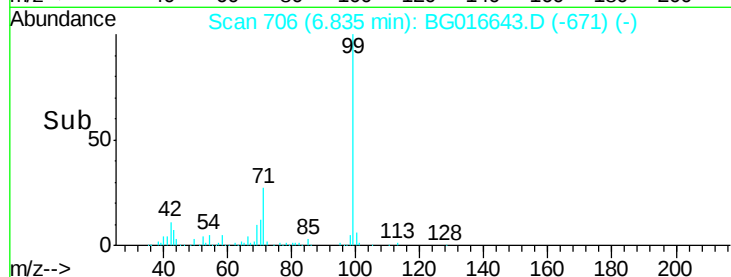
99 100

42 11.4 9.5 14.3

71 26.7 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

Tgt Ion: 136 Resp: 245809

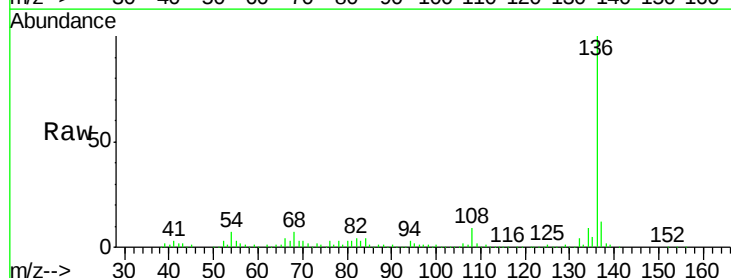
Ion Ratio Lower Upper

136 100

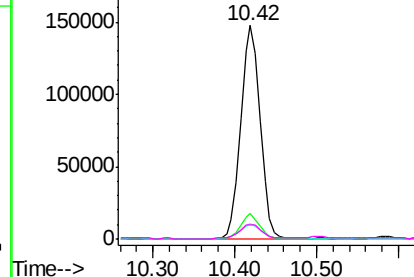
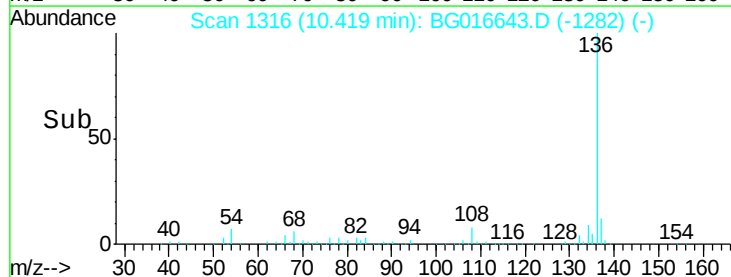
137 11.8 8.8 13.2

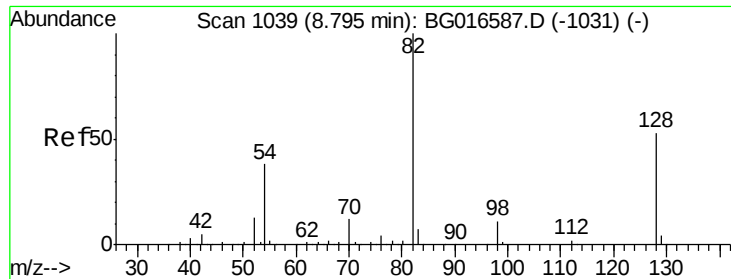
54 7.0 4.9 7.3

68 6.9 4.9 7.3



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

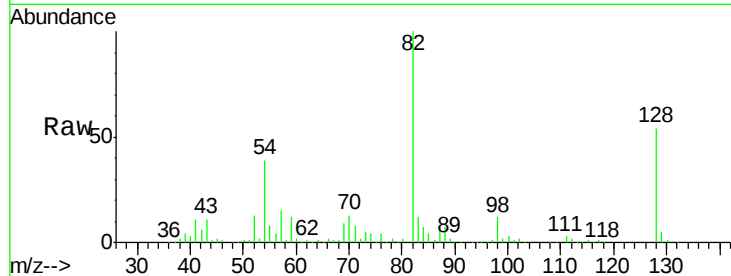




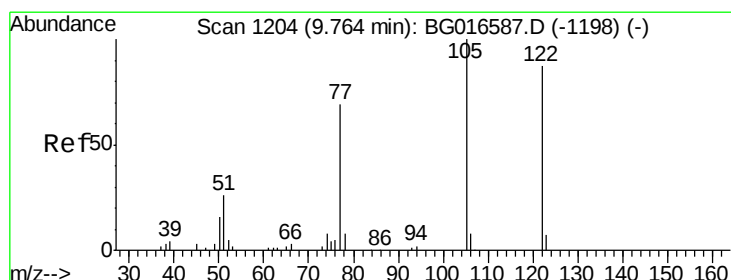
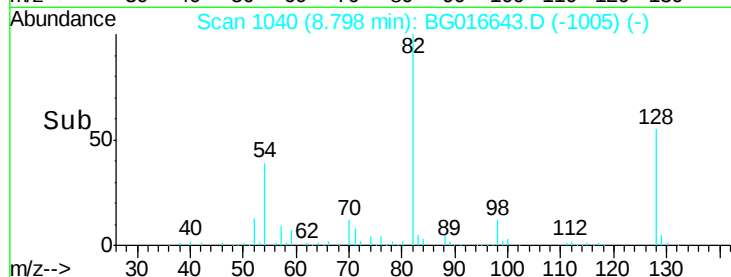
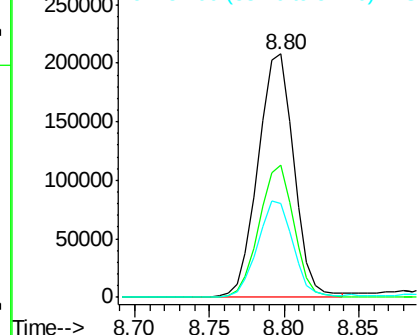
#23
 Nitrobenzene-d5
 Concen: 86.20 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Instrument :
 BNA_G
 ClientSampled :
 S8-0439

Tgt Ion: 82 Resp: 344108
 Ion Ratio Lower Upper
 82 100
 128 54.3 42.7 64.1
 54 38.5 30.6 45.8

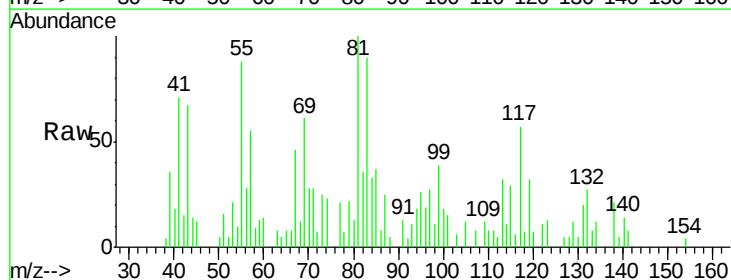


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

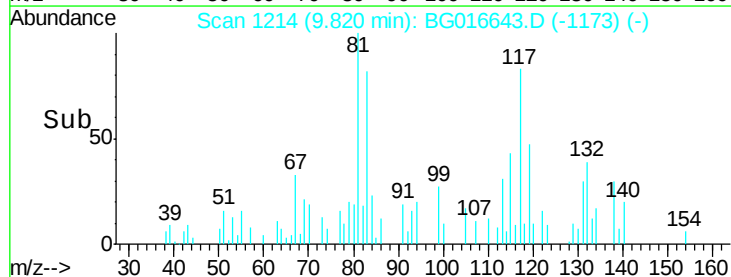
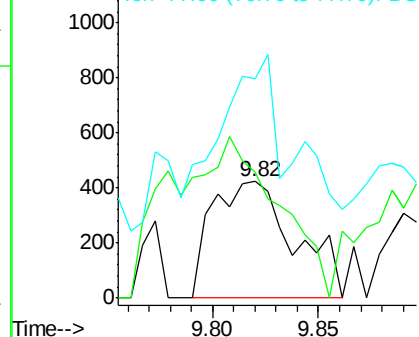


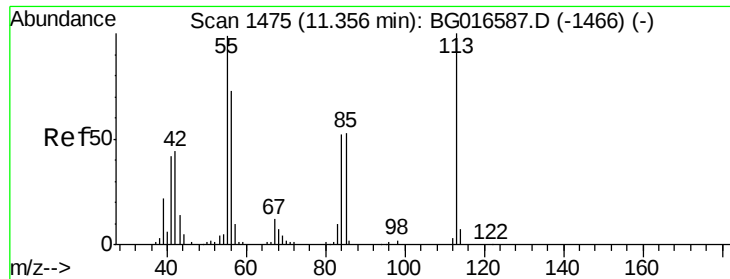
#32
 Benzoic acid
 Concen: 7.94 ng
 RT: 9.82 min Scan# 1214
 Delta R.T. 0.04 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Tgt Ion: 122 Resp: 1147
 Ion Ratio Lower Upper
 122 100
 105 108.3 95.5 135.5
 77 188.0 60.2 100.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

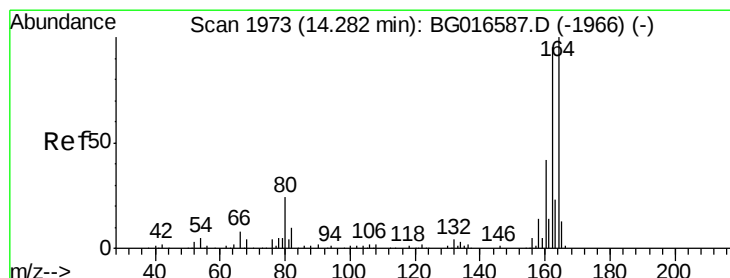
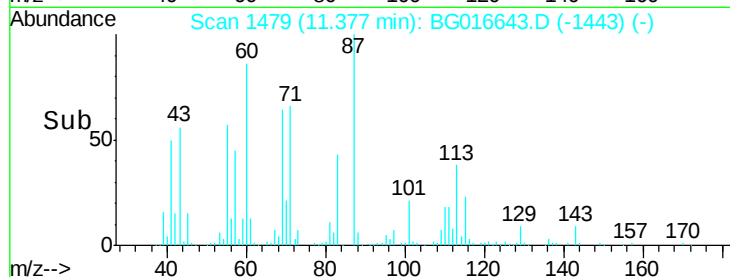
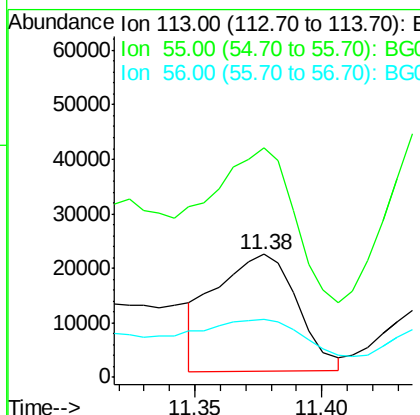
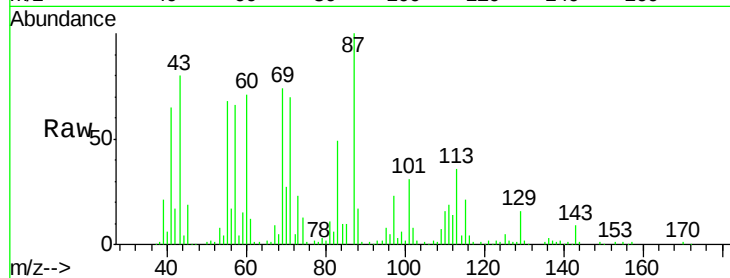




#35
 Caprolactam
 Concen: 25.89 ng
 RT: 11.38 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

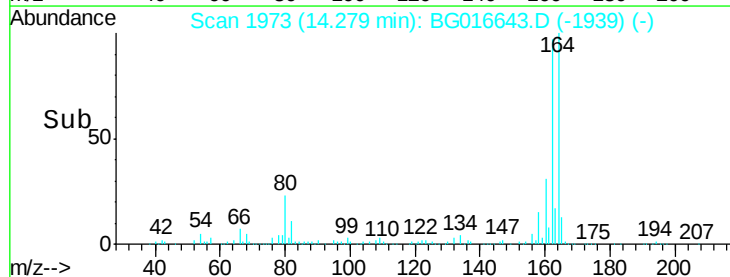
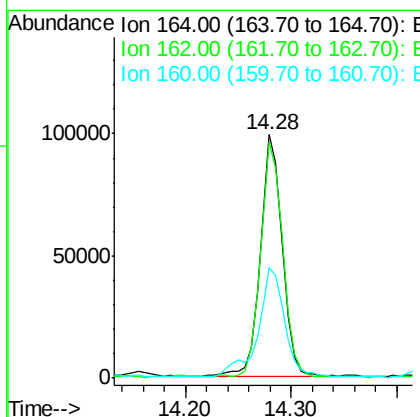
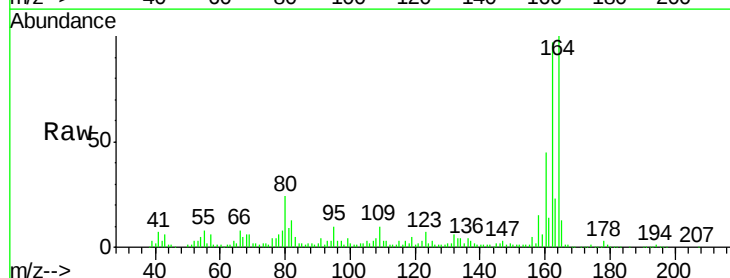
Instrument :
 BNA_G
 ClientSampleId :
 S8-0439

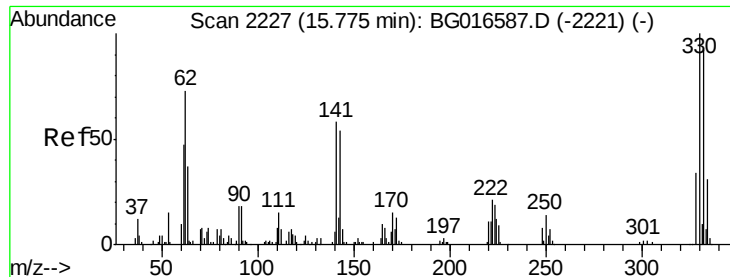
Tgt Ion:113 Resp: 48358
 Ion Ratio Lower Upper
 113 100
 55 186.1 79.2 119.2#
 56 46.7 53.2 93.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Tgt Ion:164 Resp: 143493
 Ion Ratio Lower Upper
 164 100
 162 96.7 75.8 113.6
 160 45.4 33.8 50.6

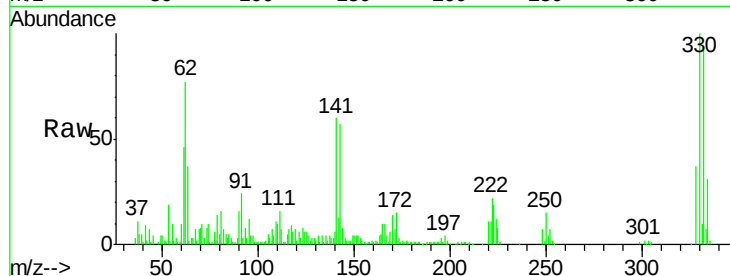




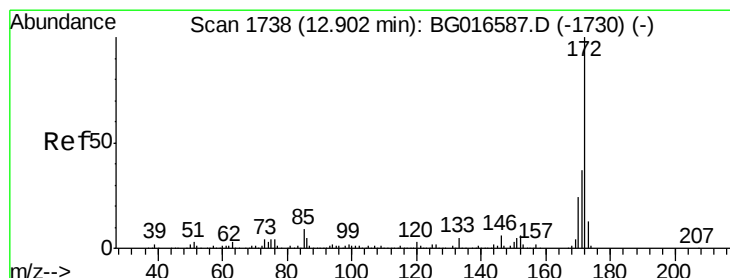
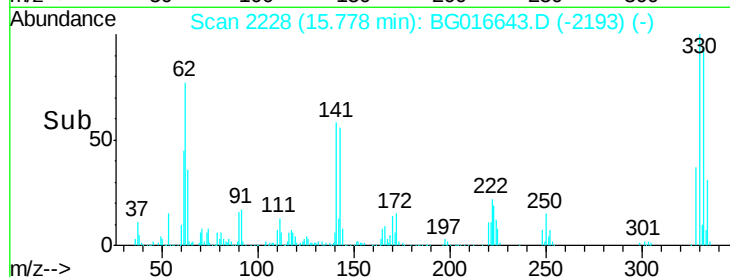
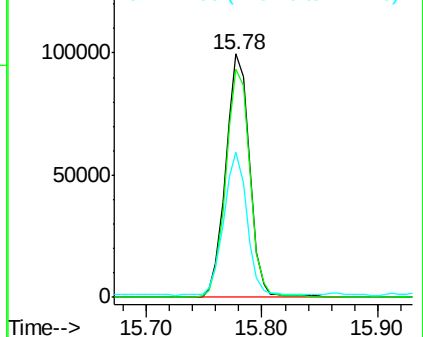
#41
 2,4,6-Tribromophenol
 Concen: 146.12 ng
 RT: 15.78 min Scan# 2228
 Delta R.T. 0.01 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Instrument :
 BNA_G
 ClientSampleId :
 S8-0439

Tgt Ion:330 Resp: 142403
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 56.9 45.9 68.9

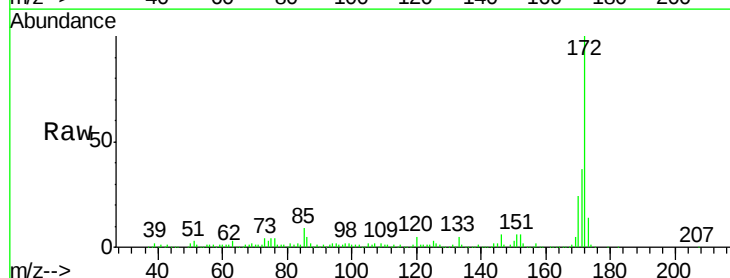


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

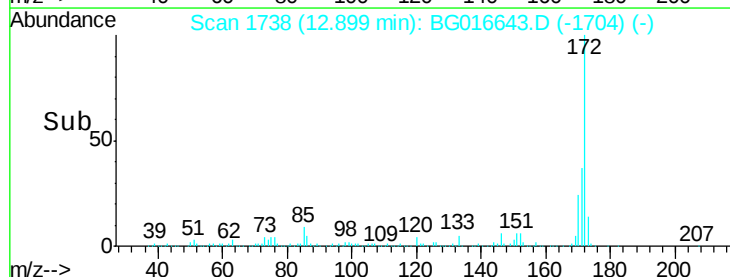
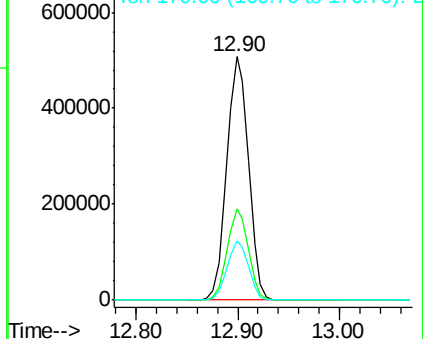


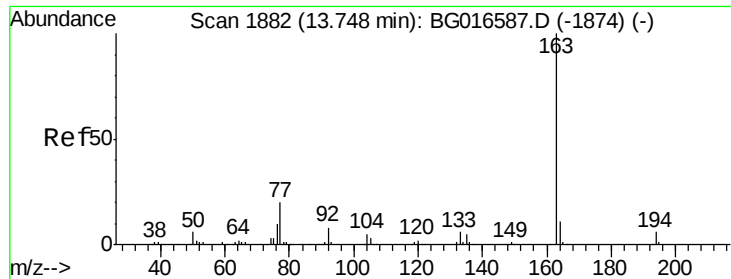
#44
 2-Fluorobiphenyl
 Concen: 86.92 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Tgt Ion:172 Resp: 753120
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.5 19.4 29.0



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





#49

Dimethylphthalate

Concen: 2.42 ng

RT: 13.74 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

Instrument :

BNA_G

ClientSampleId :

S8-0439

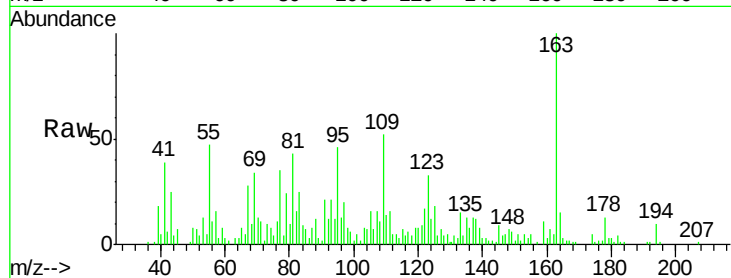
Tgt Ion:163 Resp: 25685

Ion Ratio Lower Upper

163 100

194 10.2 4.9 7.3#

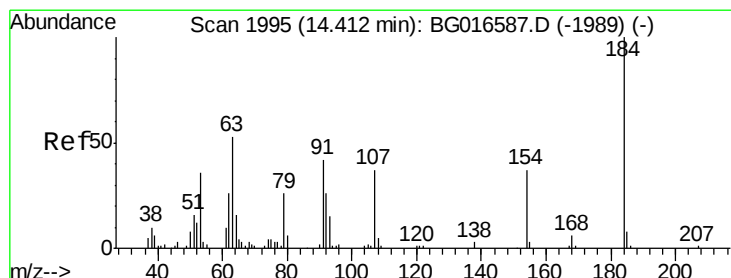
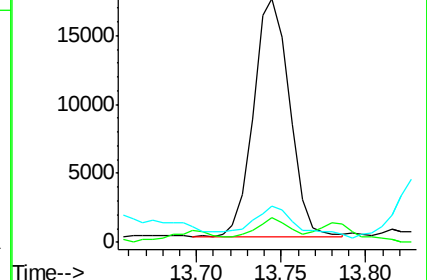
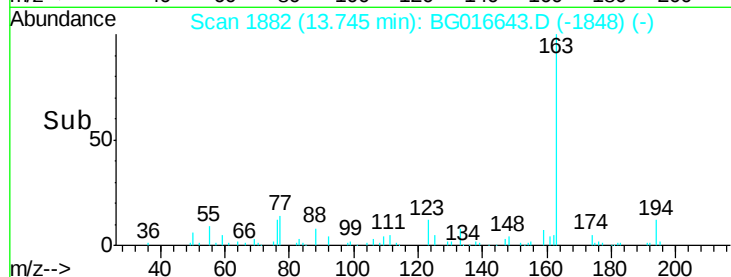
164 15.0 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.44 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

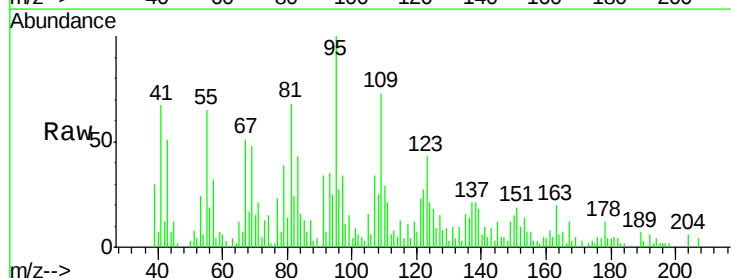
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 203.4 42.6 64.0#

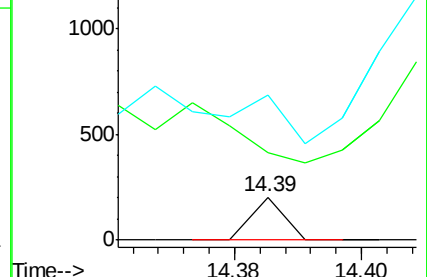
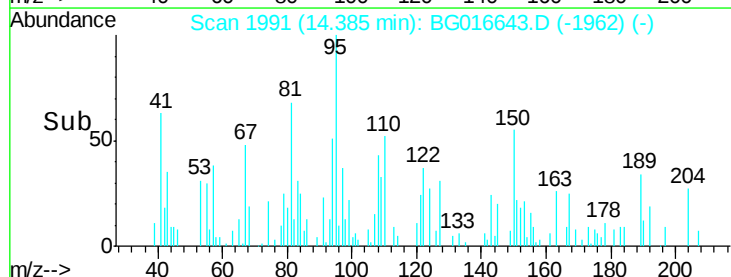
154 336.3 33.4 50.0#

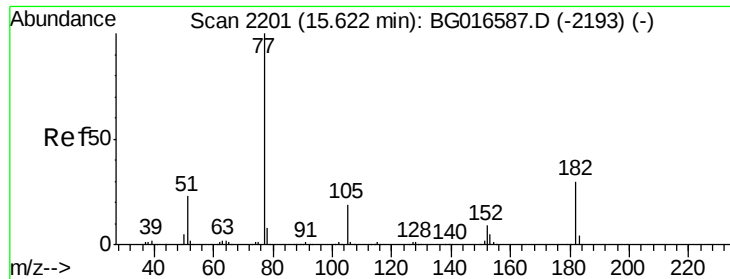


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#62

Azobenzene

Concen: 2.86 ng

RT: 15.64 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

Instrument :

BNA_G

ClientSampleId :

S8-0439

Tgt Ion: 77 Resp: 29997

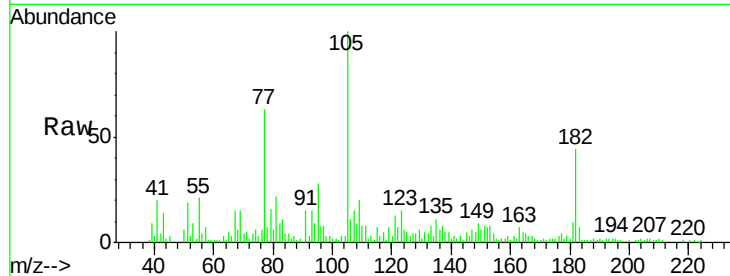
Ion Ratio Lower Upper

77 100

182 69.7 9.9 49.9#

105 159.6 0.0 38.8#

51 30.7 2.7 42.7

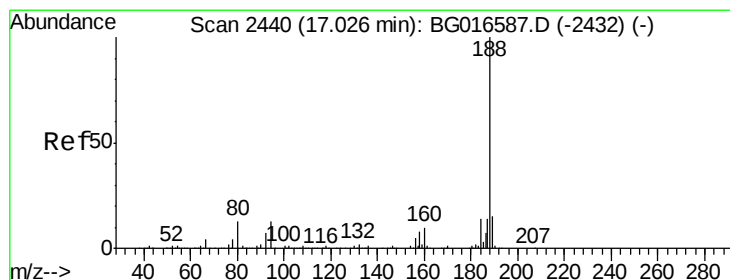
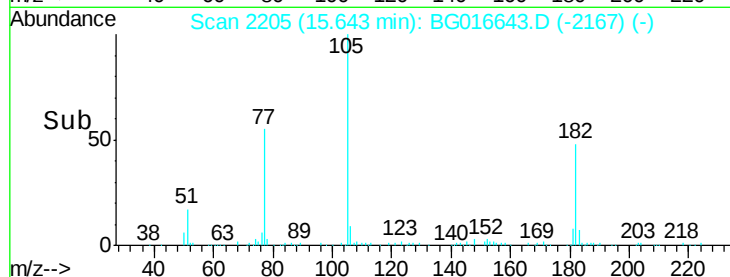
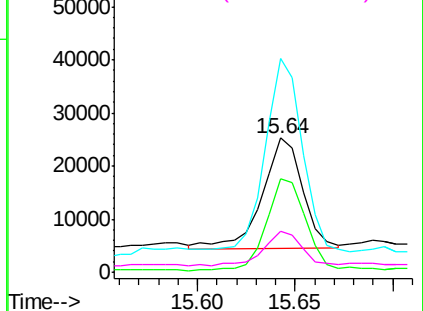


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG016643.D

Acq: 23 Apr 2015 7:15

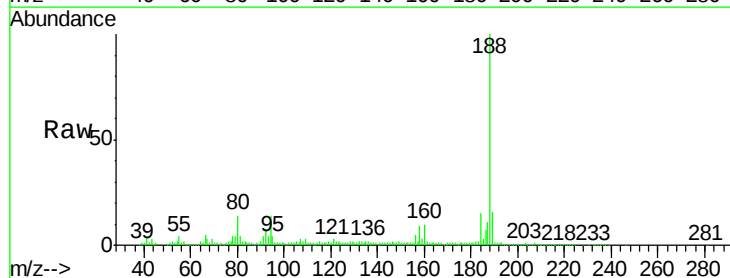
Tgt Ion: 188 Resp: 313410

Ion Ratio Lower Upper

188 100

94 13.9 10.5 15.7

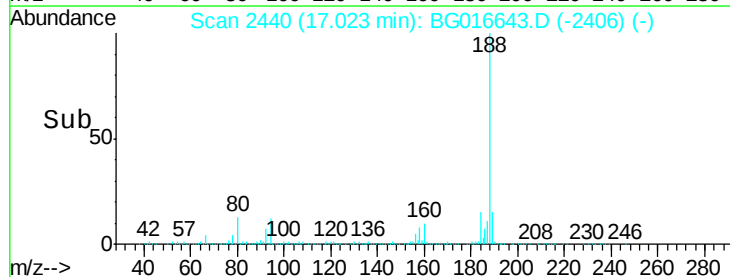
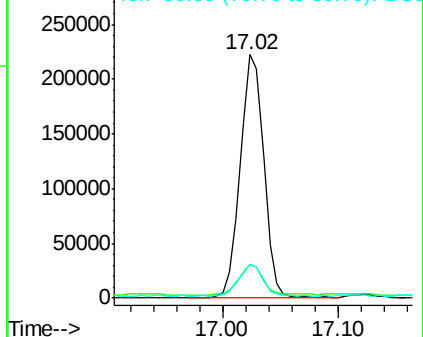
80 13.9 10.6 16.0

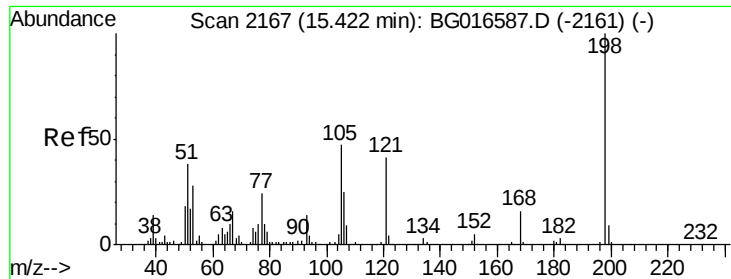


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

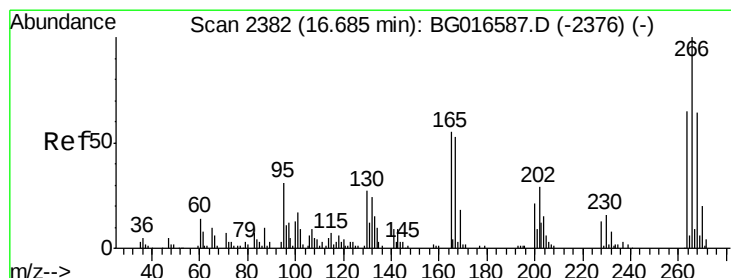
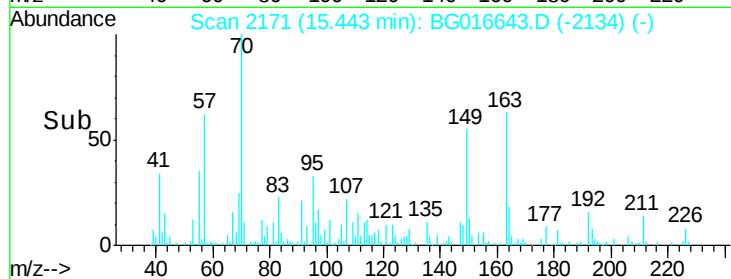
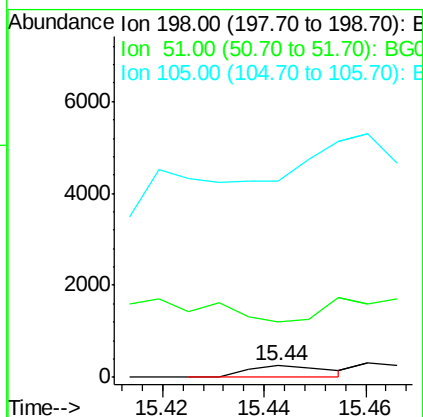
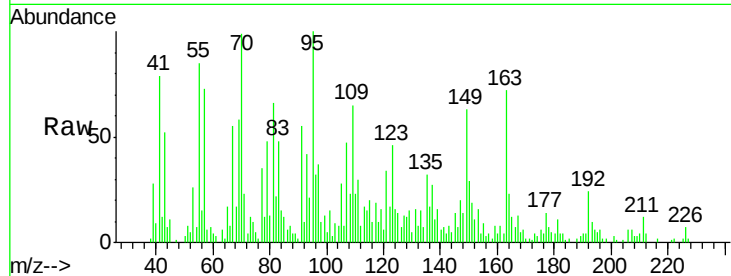




#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.24 ng
 RT: 15.44 min Scan# 2171
 Delta R.T. 0.02 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

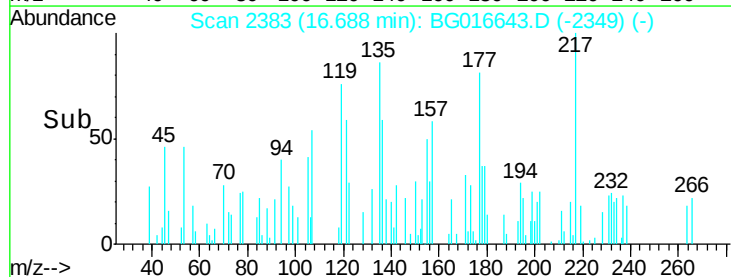
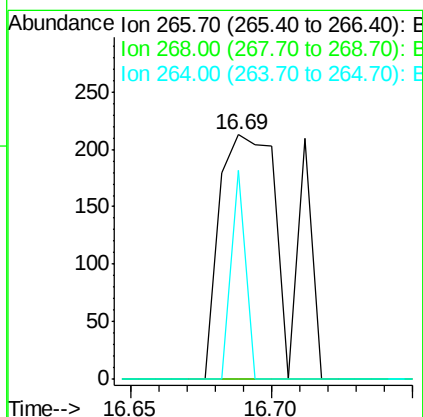
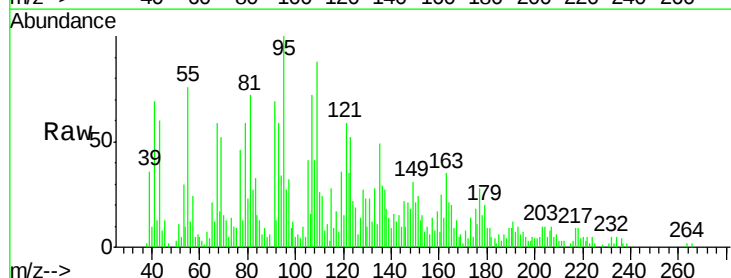
Instrument :
 BNA_G
 ClientSampleId :
 S8-0439

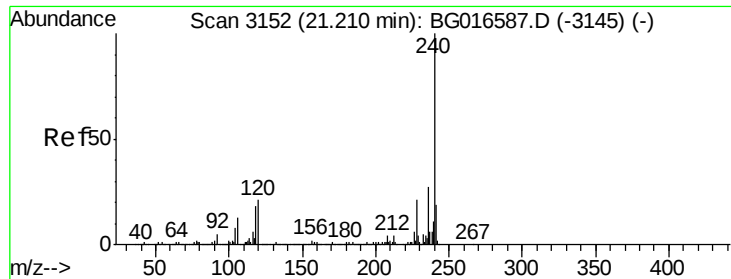
Tgt Ion:198 Resp: 276
 Ion Ratio Lower Upper
 198 100
 51 487.4 18.6 58.6#
 105 1730.1 27.7 67.7#



#69
 Pentachlorophenol
 Concen: 6.48 ng
 RT: 16.69 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG016643.D
 Acq: 23 Apr 2015 7:15

Tgt Ion:266 Resp: 356
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.3 76.9#
 264 85.4 52.2 78.4#

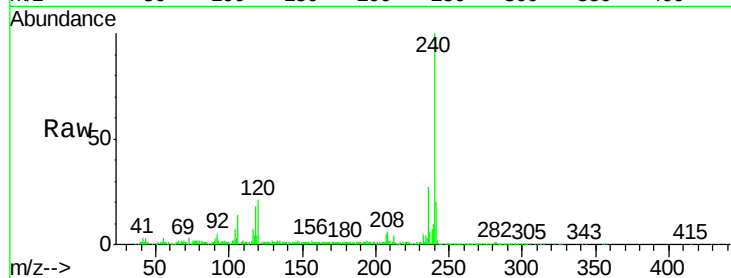




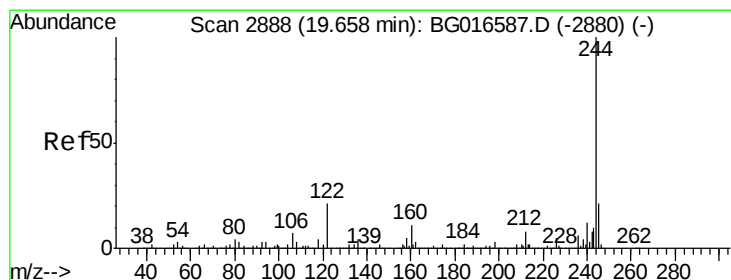
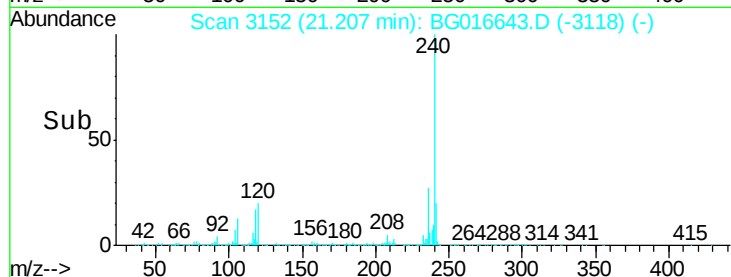
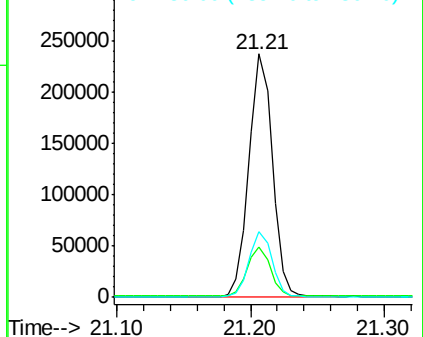
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016643.D
Acq: 23 Apr 2015 7:15

Instrument :
BNA_G
ClientSampleId :
S8-0439

Tgt Ion:240 Resp: 286942
Ion Ratio Lower Upper
240 100
120 20.5 16.7 25.1
236 26.8 21.7 32.5

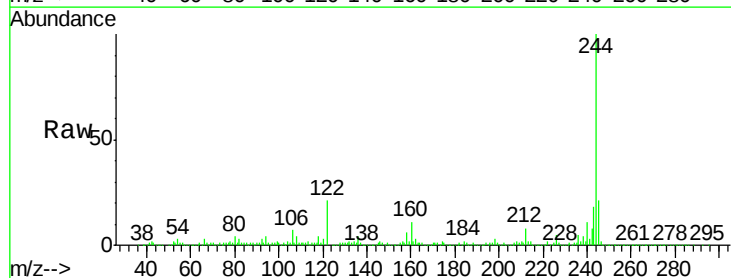


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

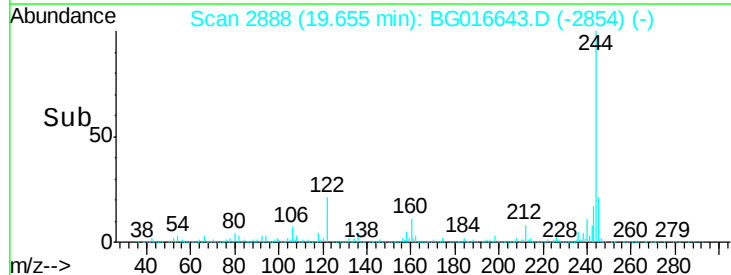
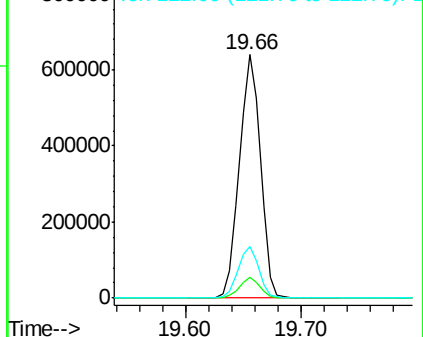


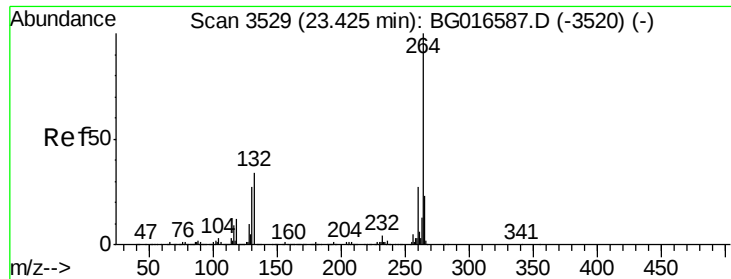
#78
Terphenyl-d14
Concen: 67.91 ng
RT: 19.66 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG016643.D
Acq: 23 Apr 2015 7:15

Tgt Ion:244 Resp: 808835
Ion Ratio Lower Upper
244 100
212 8.5 6.8 10.2
122 21.2 17.0 25.6



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

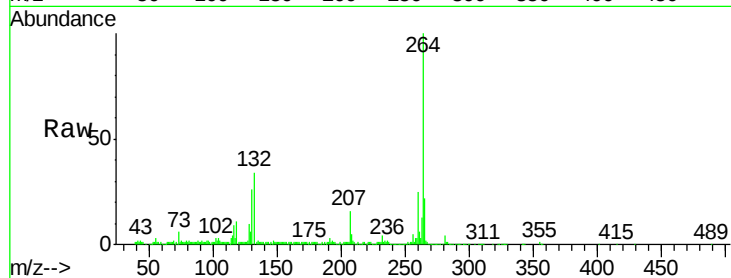




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG016643.D
Acq: 23 Apr 2015 7:15

Instrument :
BNA_G
ClientSampleId :
S8-0439

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.4	32.2
265	22.3	18.7	28.1



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

