

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
 Data File : BG016593.D
 Acq On : 21 Apr 2015 20:58
 Operator : TP/IZ
 Sample : PB82905BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82905BL

Quant Time: Apr 22 04:43:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44775	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	184939	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	101168	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	250602	20.00	ng	0.00
75) Chrysene-d12	21.21	240	283193	20.00	ng	0.00
86) Perylene-d12	23.43	264	259244	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	348489	124.74	ng	0.00
7) Phenol-d6	6.82	99	463871	118.85	ng	0.00
23) Nitrobenzene-d5	8.79	82	227978	75.90	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	86779	126.29	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	513282	84.03	ng	0.00
78) Terphenyl-d14	19.66	244	903246	76.84	ng	0.00

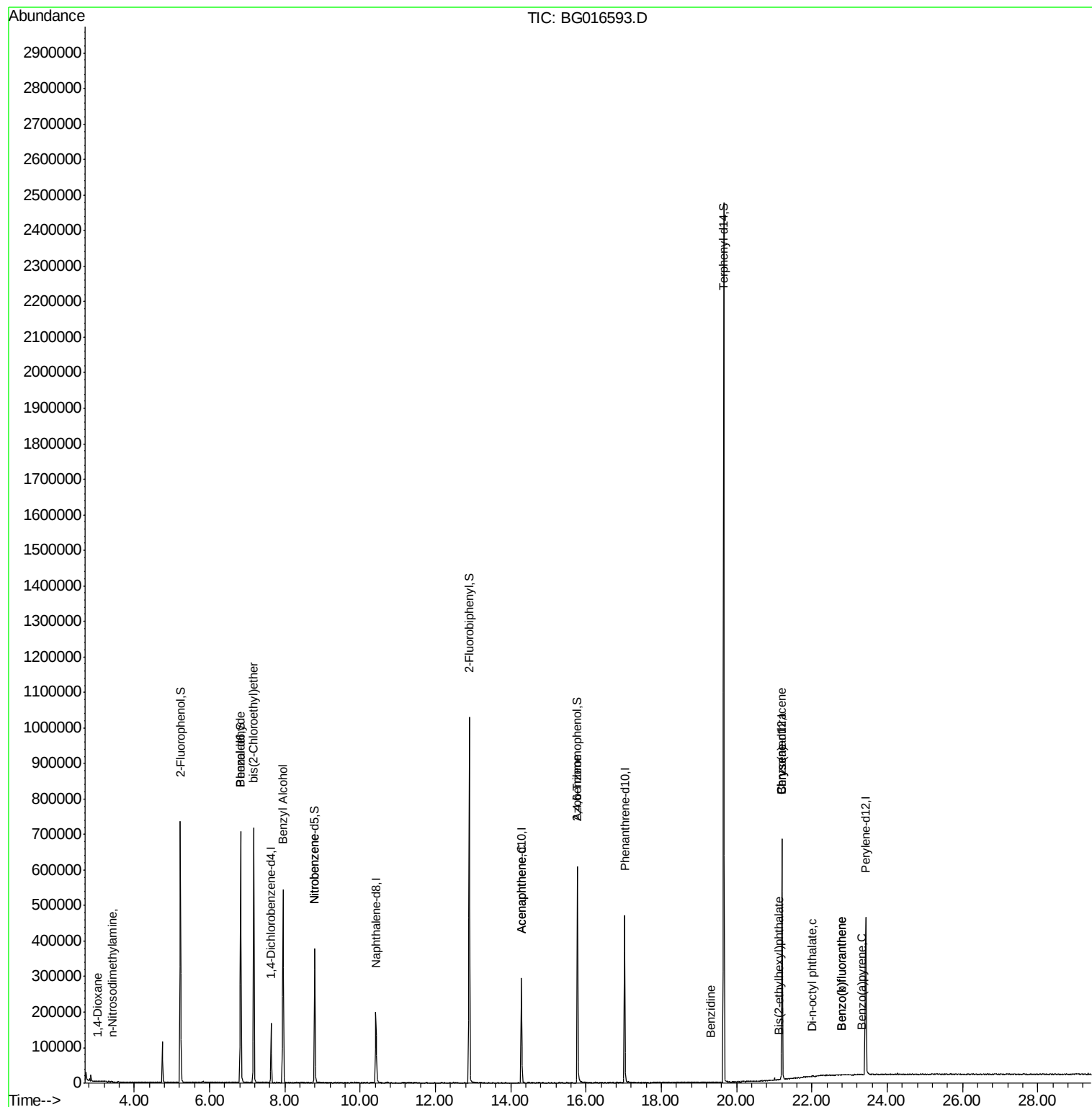
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.04	88	123	0.10	ng	# 1
4) n-Nitrosodimethylamine	3.41	42	75	0.07	ng	# 1
9) Benzaldehyde	6.83	77	535	0.30	ng	# 1
11) bis(2-Chloroethyl)ether	7.18	93	479	0.15	ng	# 1
15) Benzyl Alcohol	7.96	79	3617	1.46	ng	# 41
24) Nitrobenzene	8.79	77	618	0.20	ng	# 31
51) Acenaphthene	14.29	154	295	0.05	ng	# 6
62) Azobenzene	15.77	77	633	0.09	ng	# 17
76) Benzidine	19.31	184	59	0.01	ng	# 66
80) Benzo(a)anthracene	21.21	228	853	0.05	ng	# 68
82) Chrysene	21.21	228	853	0.05	ng	# 65
83) Bis(2-ethylhexyl)phthalate	21.12	149	243	0.02	ng	# 48
84) Di-n-octyl phthalate	21.99	149	385	0.02	ng	# 1
87) Benzo(b)fluoranthene	22.79	252	61	0.00	ng	# 55
88) Benzo(k)fluoranthene	22.79	252	61	0.00	ng	# 54
89) Benzo(a)pyrene	23.33	252	62	0.00	ng	# 54

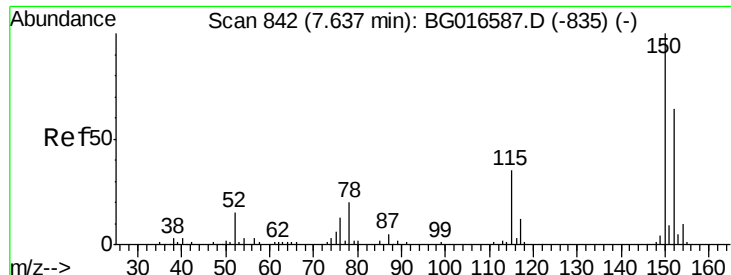
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
Data File : BG016593.D
Acq On : 21 Apr 2015 20:58
Operator : TP/IZ
Sample : PB82905BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB82905BL

Quant Time: Apr 22 04:43:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

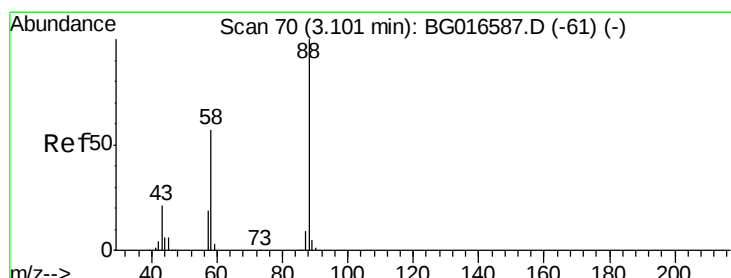
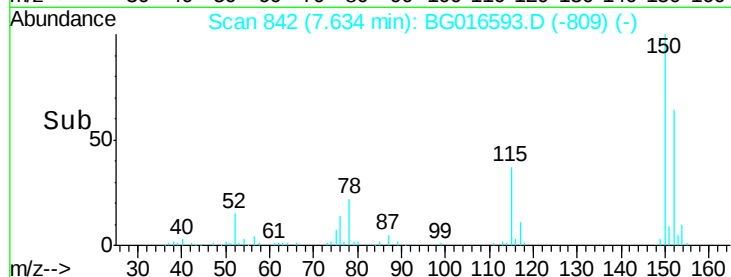
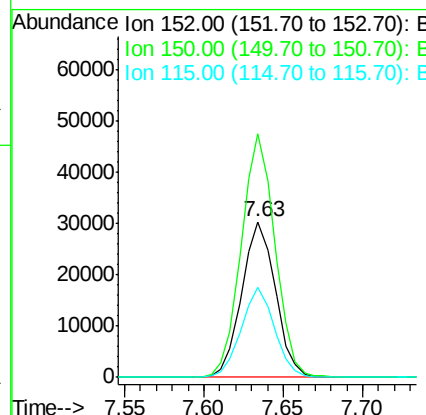
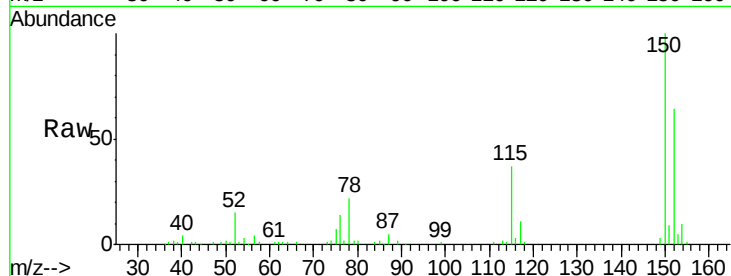




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.63 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

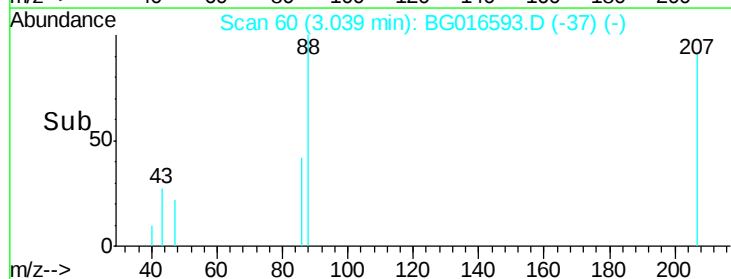
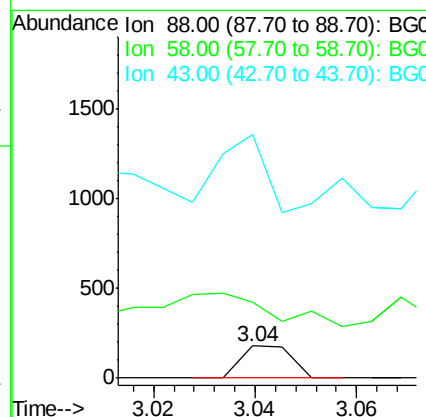
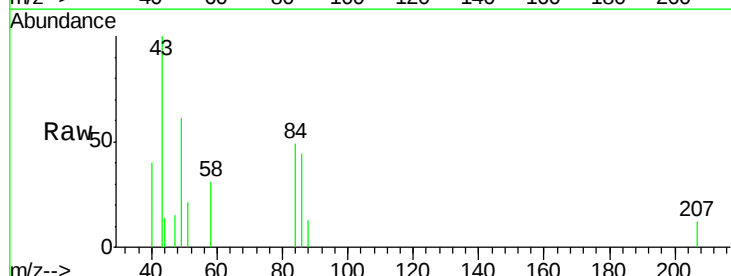
Instrument :
 BNA_G
 ClientSampleId :
 PB82905BL

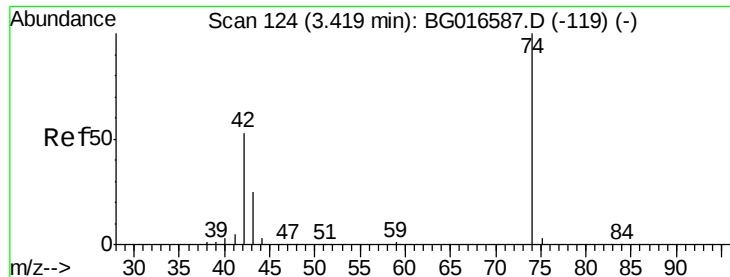
Tgt Ion:152 Resp: 44775
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.5 188.3
 115 57.9 44.5 66.7



#2
 1,4-Dioxane
 Concen: 0.10 ng
 RT: 3.04 min Scan# 60
 Delta R.T. -0.06 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

Tgt Ion: 88 Resp: 123
 Ion Ratio Lower Upper
 88 100
 58 173.2 46.0 69.0#
 43 230.9 16.2 24.4#





#4

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.41 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

Instrument :

BNA_G

ClientSampleId :

PB82905BL

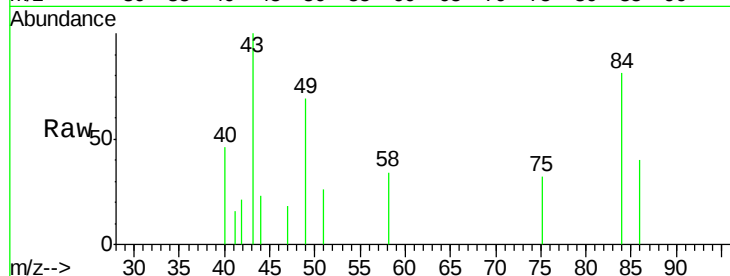
Tgt Ion: 42 Resp: 75

Ion Ratio Lower Upper

42 100

74 0.0 151.6 227.4#

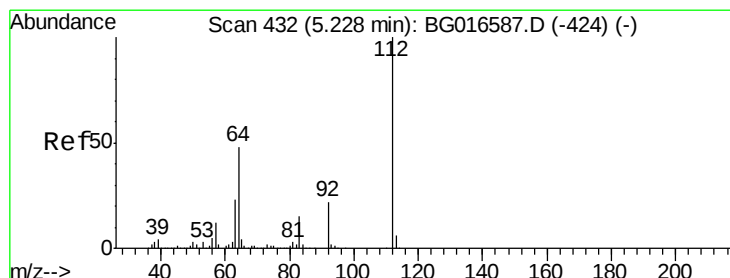
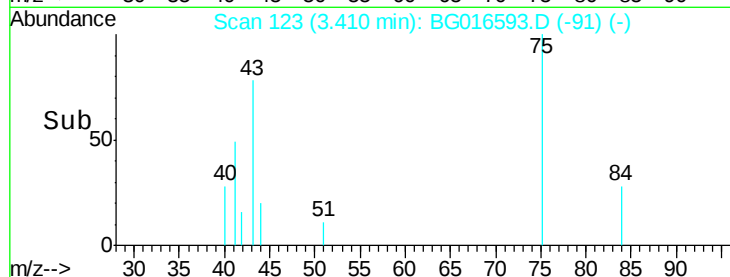
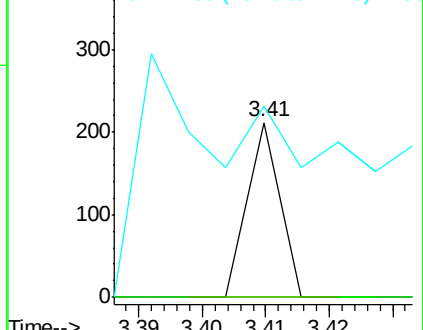
44 109.0 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 124.74 ng

RT: 5.23 min Scan# 432

Delta R.T. -0.00 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

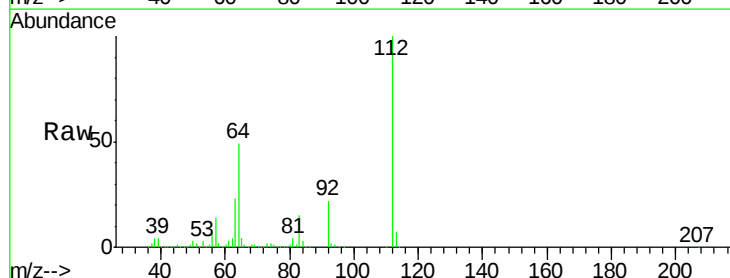
Tgt Ion: 112 Resp: 348489

Ion Ratio Lower Upper

112 100

64 48.5 38.5 57.7

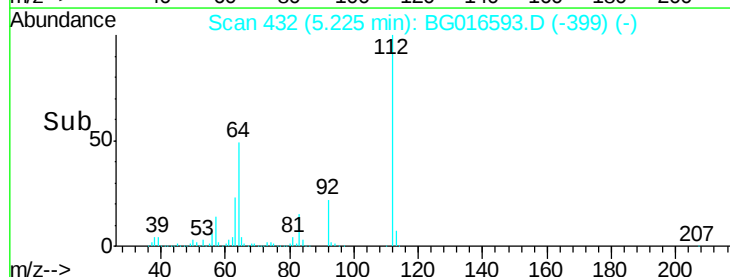
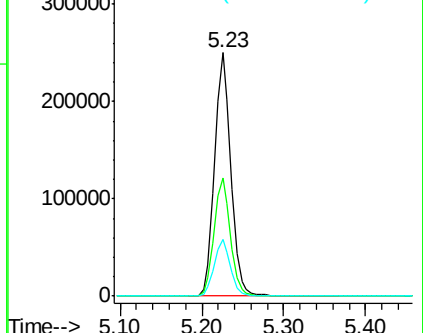
63 23.3 18.2 27.4

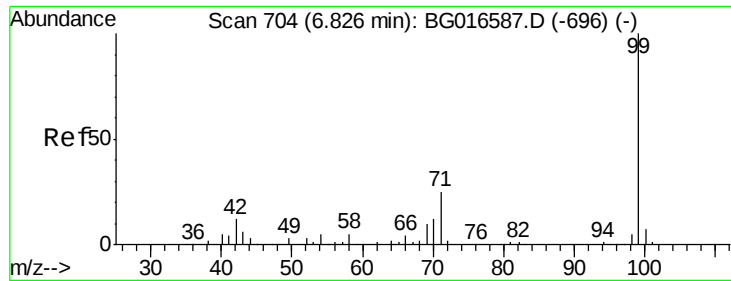


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.85 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

Instrument :

BNA_G

ClientSampleId :

PB82905BL

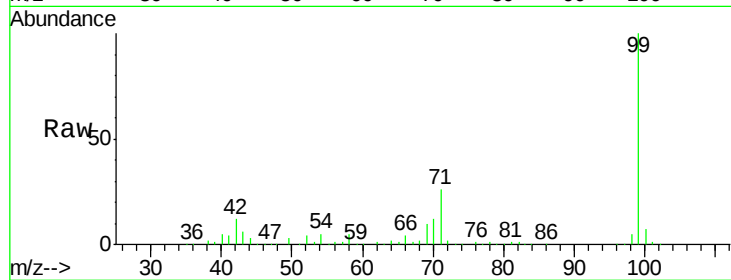
Tgt Ion: 99 Resp: 463871

Ion Ratio Lower Upper

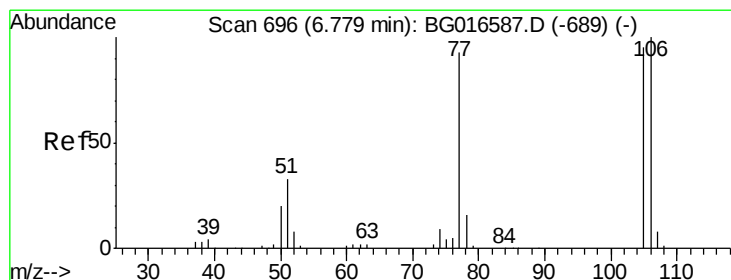
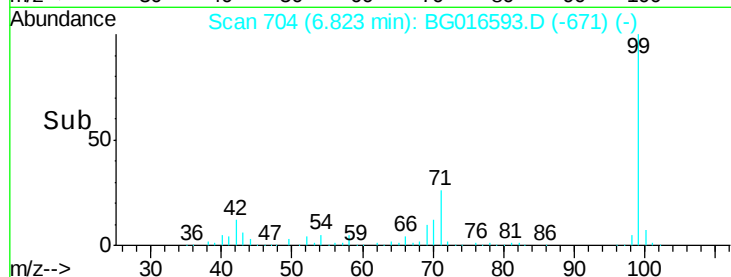
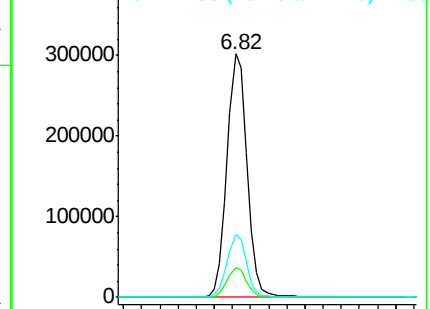
99 100

42 12.3 9.5 14.3

71 26.1 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



#9

Benzaldehyde

Concen: 0.30 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.05 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

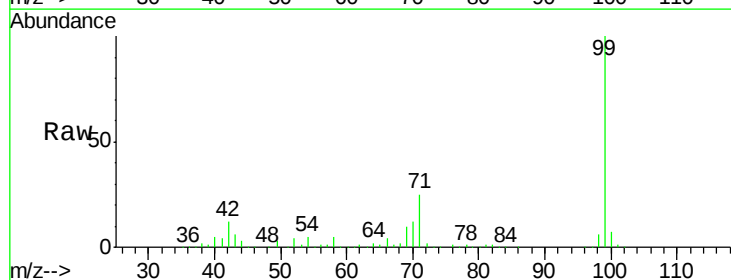
Tgt Ion: 77 Resp: 535

Ion Ratio Lower Upper

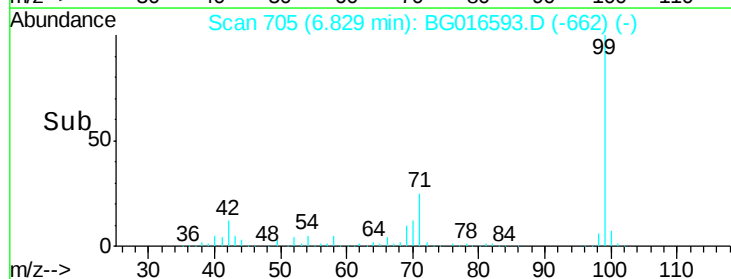
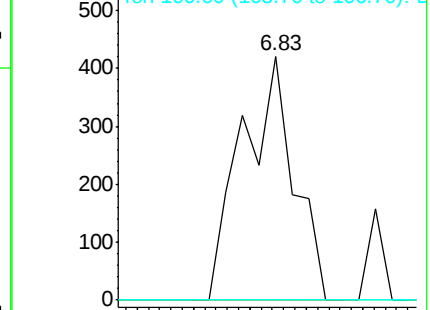
77 100

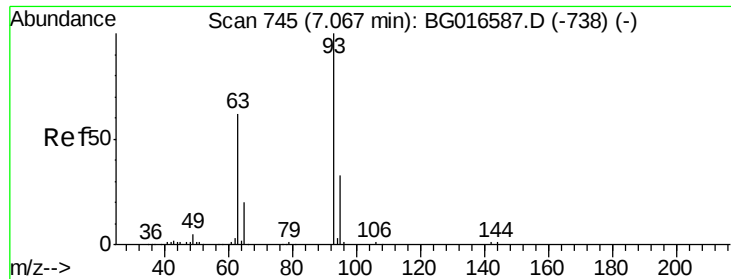
105 0.0 81.6 121.6#

106 0.0 87.4 127.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

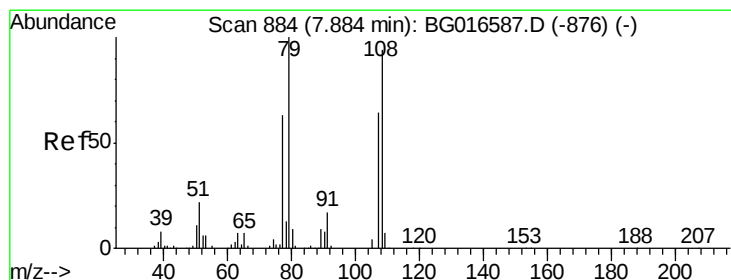
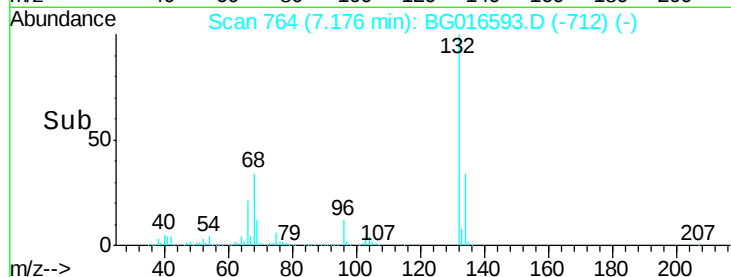
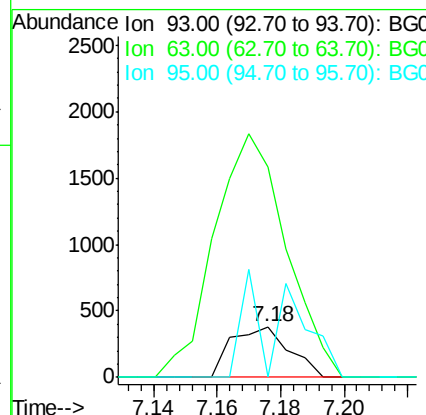
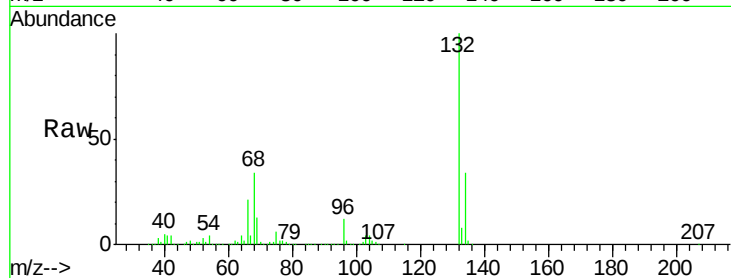




#11
 bis(2-Chloroethyl)ether
 Concen: 0.15 ng
 RT: 7.18 min Scan# 764
 Delta R.T. 0.11 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

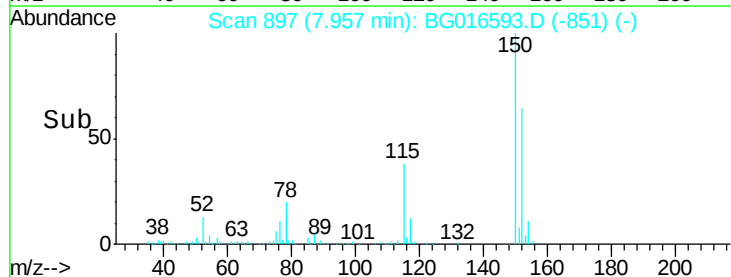
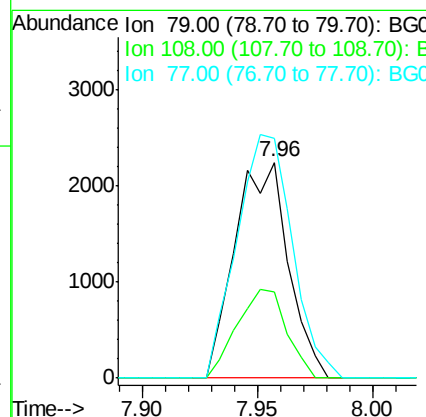
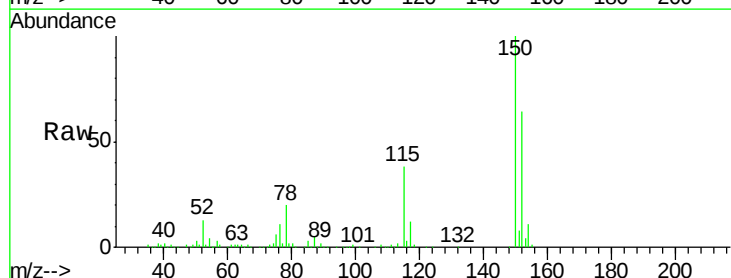
Instrument :
 BNA_G
 ClientSampleID :
 PB82905BL

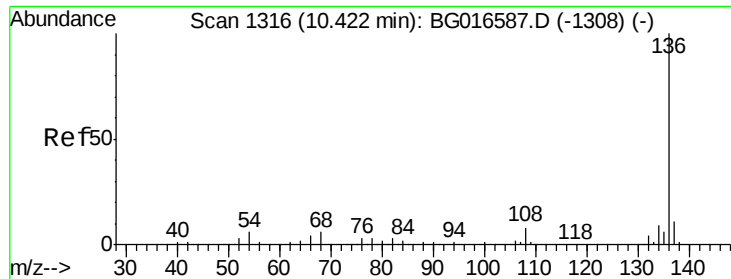
Tgt Ion: 93 Resp: 479
 Ion Ratio Lower Upper
 93 100
 63 413.9 42.0 82.0#
 95 0.0 12.6 52.6#



#15
 Benzyl Alcohol
 Concen: 1.46 ng
 RT: 7.96 min Scan# 897
 Delta R.T. 0.07 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

Tgt Ion: 79 Resp: 3617
 Ion Ratio Lower Upper
 79 100
 108 39.8 74.8 112.2#
 77 111.0 50.0 75.0#

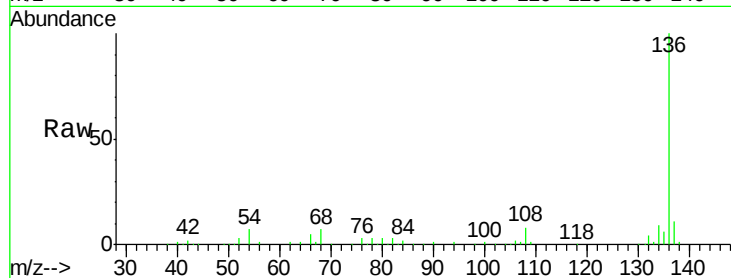




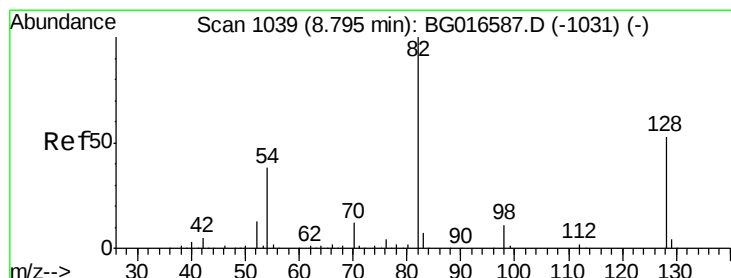
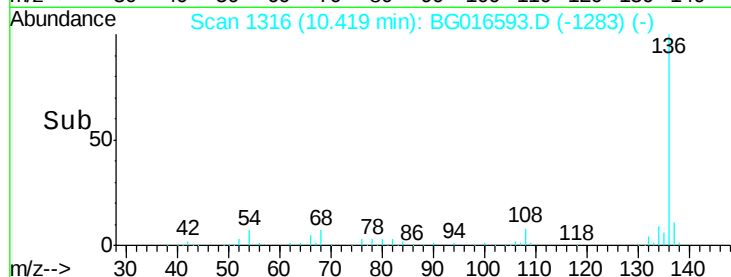
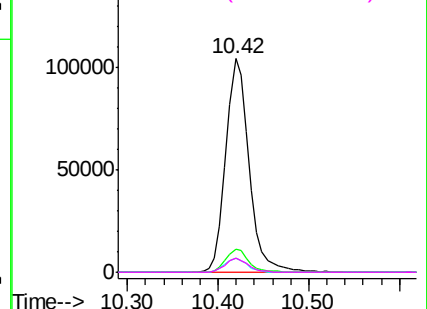
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016593.D
Acq: 21 Apr 2015 20:58

Instrument :
BNA_G
ClientSampleId :
PB82905BL

Tgt Ion:	136	Resp:	184939
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.9	4.9	7.3
68	6.5	4.9	7.3

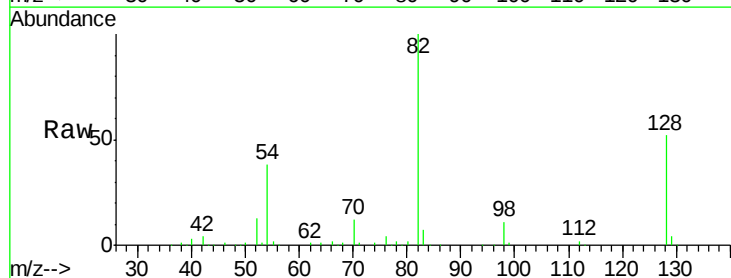


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

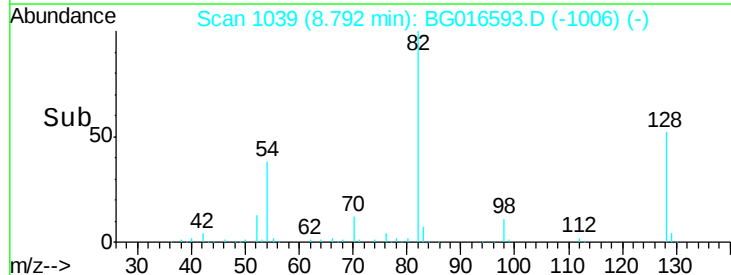
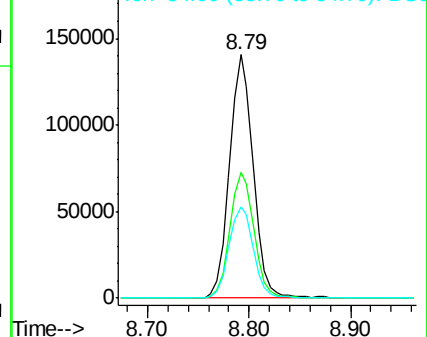


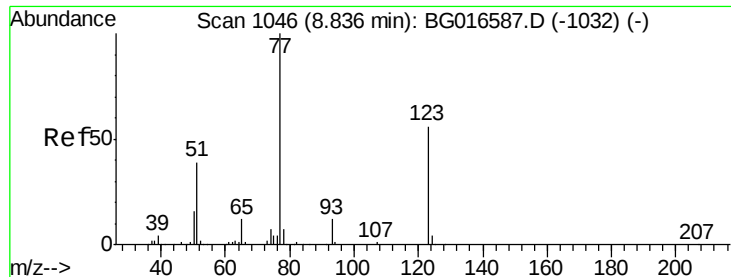
#23
Nitrobenzene-d5
Concen: 75.90 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016593.D
Acq: 21 Apr 2015 20:58

Tgt Ion:	82	Resp:	227978
Ion	Ratio	Lower	Upper
82	100		
128	51.6	42.7	64.1
54	37.6	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





#24

Nitrobenzene

Concen: 0.20 ng

RT: 8.79 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

Instrument :

BNA_G

ClientSampleId :

PB82905BL

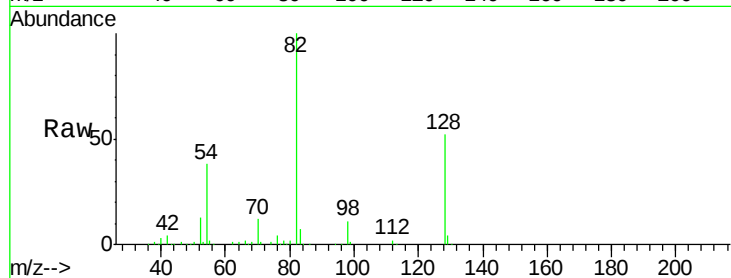
Tgt Ion: 77 Resp: 618

Ion Ratio Lower Upper

77 100

123 0.0 44.8 67.2#

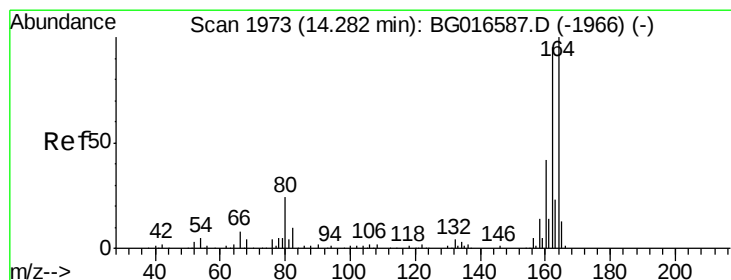
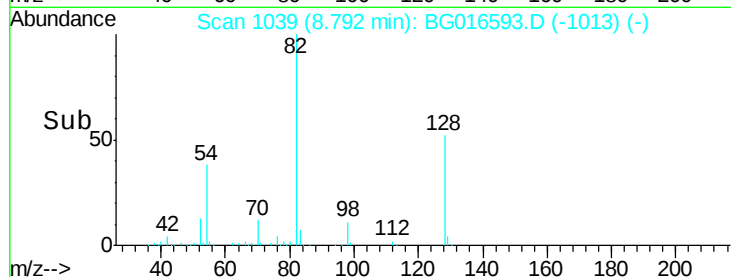
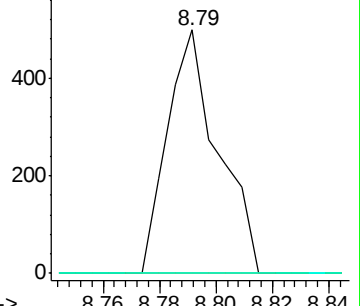
65 0.0 9.8 14.6#



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: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016593.D

Acq: 21 Apr 2015 20:58

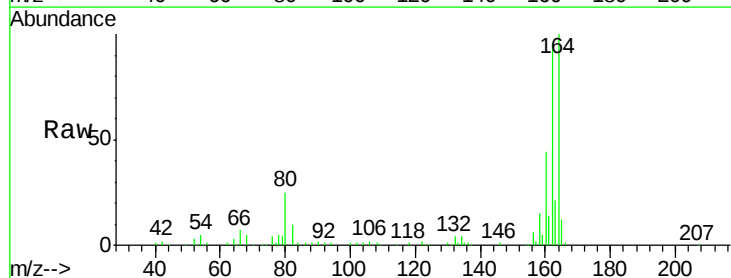
Tgt Ion: 164 Resp: 101168

Ion Ratio Lower Upper

164 100

162 96.0 75.8 113.6

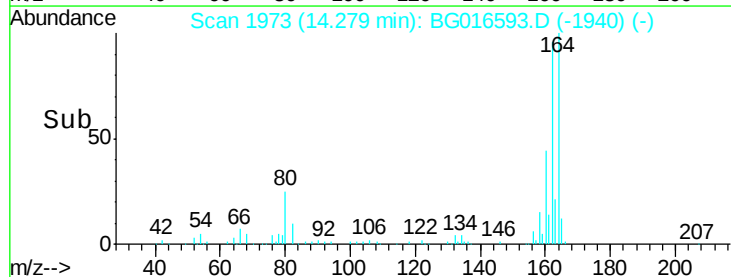
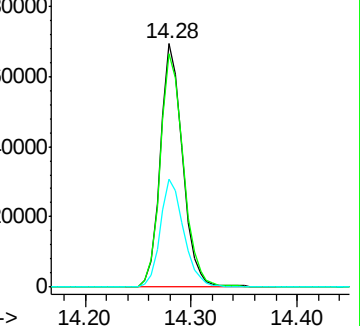
160 44.5 33.8 50.6

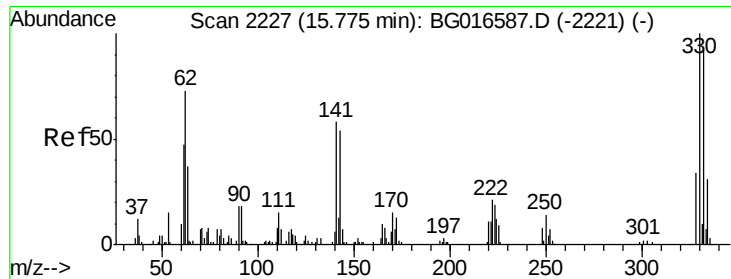


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

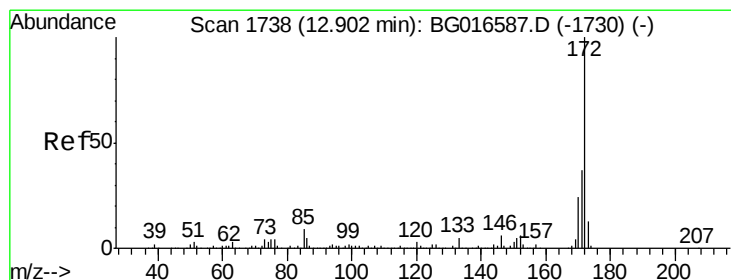
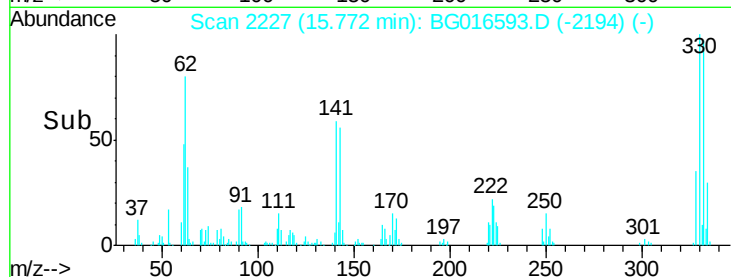
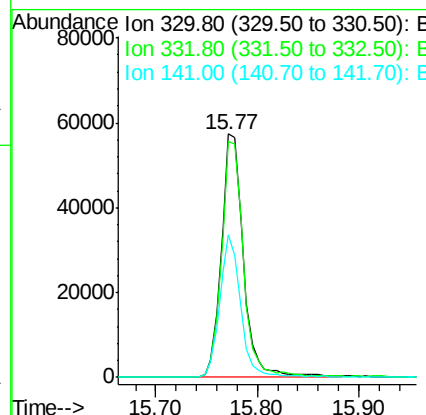
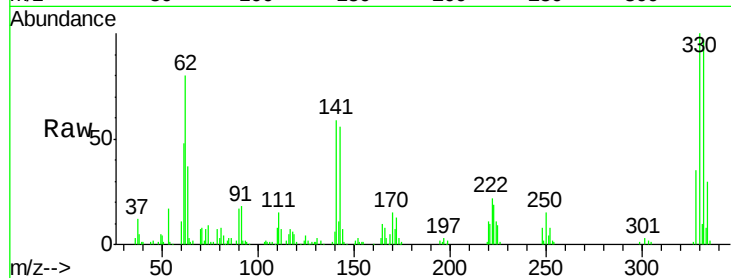




#41
 2,4,6-Tribromophenol
 Concen: 126.29 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB82905BL

Tgt Ion:330 Resp: 86779
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 55.2 45.9 68.9



#44
 2-Fluorobiphenyl
 Concen: 84.03 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016593.D
 Acq: 21 Apr 2015 20:58

Tgt Ion:172 Resp: 513282
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 19.4 29.0

