

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016342.D
 Acq On : 11 Apr 2015 7:39
 Operator : TP/IZ
 Sample : PB82675BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Quant Time: Apr 13 03:33:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79391	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	358598	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	214116	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	440341	20.00	ng	0.00
75) Chrysene-d12	21.25	240	382388	20.00	ng	0.00
86) Perylene-d12	23.50	264	362466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	612782	121.81	ng	0.00
7) Phenol-d6	6.88	99	879933	116.52	ng	0.00
23) Nitrobenzene-d5	8.85	82	455168	73.53	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	185203	127.90	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	982243	78.11	ng	0.00
78) Terphenyl-d14	19.70	244	1203393	73.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	61891	27.06	ng	99
3) Pyridine	3.56	79	189589	27.74	ng	96
4) n-Nitrosodimethylamine	3.48	42	64432	31.71	ng	95
6) Aniline	7.03	93	246934	22.90	ng	99
8) 2-Chlorophenol	7.26	128	239380	39.63	ng	96
9) Benzaldehyde	6.83	77	62884	14.22	ng	98
10) Phenol	6.91	94	313323	38.78	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	215831	33.50	ng	99
12) 1,3-Dichlorobenzene	7.58	146	214798	35.21	ng	97
13) 1,4-Dichlorobenzene	7.73	146	218592	34.54	ng	99
14) 1,2-Dichlorobenzene	8.04	146	213270	35.24	ng	98
15) Benzyl Alcohol	7.94	79	186942	35.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	243745	33.59	ng	99
17) 2-Methylphenol	8.15	107	206946	38.19	ng	97
18) Hexachloroethane	8.77	117	80962	33.44	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	172474	31.88	ng	97
20) 3+4-Methylphenols	8.47	107	282978	37.71	ng	99
22) Acetophenone	8.51	105	314283	37.80	ng	99
24) Nitrobenzene	8.90	77	233582	35.29	ng	95
25) Isophorone	9.41	82	473390	34.44	ng	98
26) 2-Nitrophenol	9.60	139	131369	42.56	ng	97
27) 2,4-Dimethylphenol	9.67	122	241393	41.98	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	285755	36.42	ng	100
29) 2,4-Dichlorophenol	10.13	162	205759	45.23	ng	97
30) 1,2,4-Trichlorobenzene	10.34	180	183930	38.72	ng	99
31) Naphthalene	10.53	128	689721	36.91	ng	100
32) Benzoic acid	9.81	122	147763	40.96	ng	99
33) 4-Chloroaniline	10.65	127	145623	16.61	ng	97
34) Hexachlorobutadiene	10.81	225	80809	38.73	ng	94
35) Caprolactam	11.42	113	114556	39.99	ng	95
36) 4-Chloro-3-methylphenol	11.78	107	245772	40.89	ng	98
37) 2-Methylnaphthalene	12.14	142	509208	37.88	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	179144	38.00	ng	99
40) Hexachlorocyclopentadiene	12.50	237	177286	82.16	ng	100

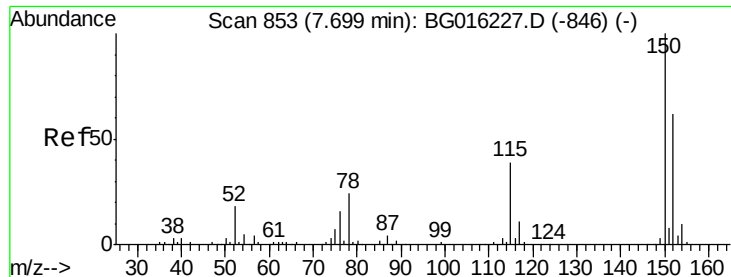
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016342.D
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 Operator : TP/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	145761	41.61	ng	96
43) 2,4,5-Trichlorophenol	12.84	196	160764	42.95	ng	97
45) 1,1'-Biphenyl	13.17	154	624599	38.03	ng	98
46) 2-Chloronaphthalene	13.21	162	468445	37.44	ng	99
47) 2-Nitroaniline	13.42	65	151884	37.66	ng	94
48) Acenaphthylene	14.05	152	818554	36.79	ng	99
49) Dimethylphthalate	13.80	163	602970	38.42	ng	100
50) 2,6-Dinitrotoluene	13.92	165	151694	39.97	ng	91
51) Acenaphthene	14.39	154	494891	37.22	ng	99
52) 3-Nitroaniline	14.25	138	110291	22.76	ng	89
53) 2,4-Dinitrophenol	14.45	184	93180	46.30	ng	95
54) Dibenzofuran	14.73	168	717033	38.86	ng	99
55) 4-Nitrophenol	14.57	139	310463	77.51	ng	99
56) 2,4-Dinitrotoluene	14.71	165	211600	40.93	ng	93
57) Fluorene	15.38	166	626964	38.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	127970	44.30	ng	94
59) Diethylphthalate	15.16	149	642042	38.44	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	260478	39.12	ng	97
61) 4-Nitroaniline	15.41	138	189191	34.39	ng	99
62) Azobenzene	15.67	77	652016	36.67	ng	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	92277	31.25	ng	96
65) n-Nitrosodiphenylamine	15.59	169	555649	37.33	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	140855	40.06	ng	95
67) Hexachlorobenzene	16.38	284	145644	39.86	ng	98
68) Atrazine	16.54	200	181135	43.66	ng	100
69) Pentachlorophenol	16.73	266	178801	80.13	ng	97
70) Phenanthrene	17.11	178	937061	37.83	ng	99
71) Anthracene	17.21	178	948757	38.65	ng	100
72) Carbazole	17.48	167	962263	39.06	ng	99
73) Di-n-butylphthalate	18.04	149	1201332	39.85	ng	99
74) Fluoranthene	19.13	202	1015466	39.78	ng	99
76) Benzidine	19.32	184	380128	23.44	ng	98
77) Pyrene	19.49	202	1059820	39.80	ng	99
79) Butylbenzylphthalate	20.39	149	582145	44.50	ng	99
80) Benzo(a)anthracene	21.23	228	872324	38.60	ng	99
81) 3,3'-Dichlorobenzidine	21.17	252	179466	24.15	ng	99
82) Chrysene	21.29	228	829984	38.04	ng	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	787618	44.47	ng	97
84) Di-n-octyl phthalate	22.04	149	1328531	46.04	ng	99
85) Indeno(1,2,3-cd)pyrene	25.78	276	863847	38.11	ng	99
87) Benzo(b)fluoranthene	22.82	252	808012	38.06	ng	98
88) Benzo(k)fluoranthene	22.86	252	816862	39.32	ng	98
89) Benzo(a)pyrene	23.40	252	781321	39.27	ng	99
90) Dibenzo(a,h)anthracene	25.79	278	715911	36.98	ng	99
91) Benzo(g,h,i)perylene	26.49	276	743317	38.44	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

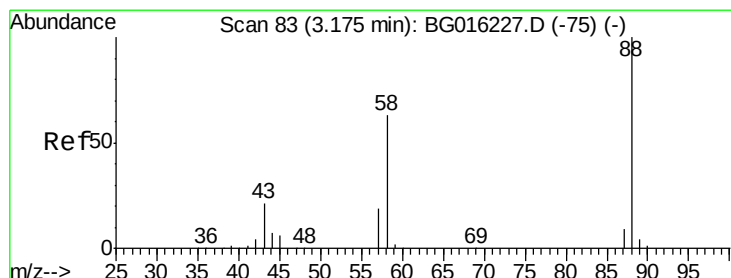
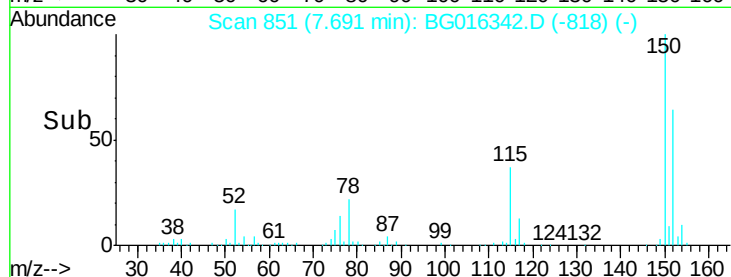
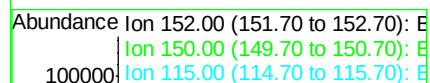
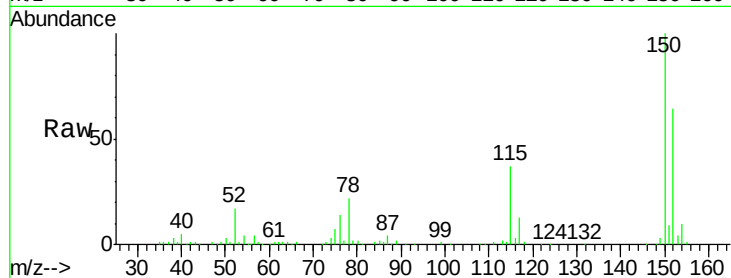
Tgt Ion:152 Resp: 79391

Ion Ratio Lower Upper

152 100

150 156.6 130.1 195.1

115 58.4 50.5 75.7



#2

1,4-Dioxane

Concen: 27.06 ng

RT: 3.17 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

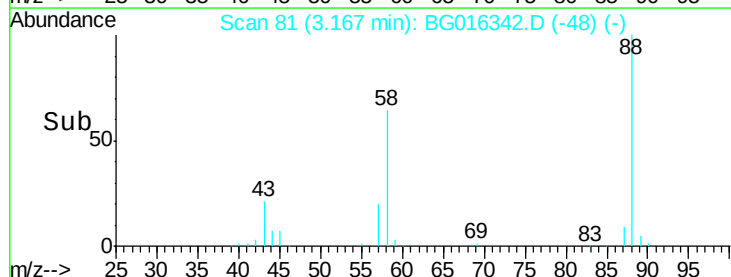
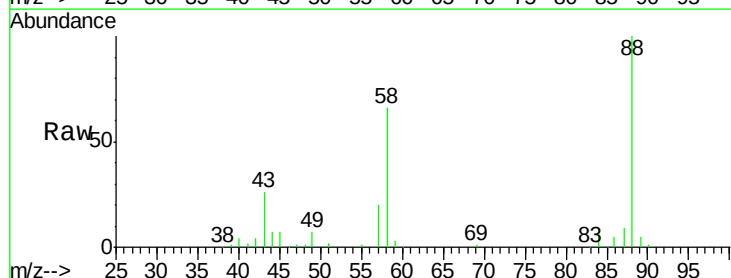
Tgt Ion: 88 Resp: 61891

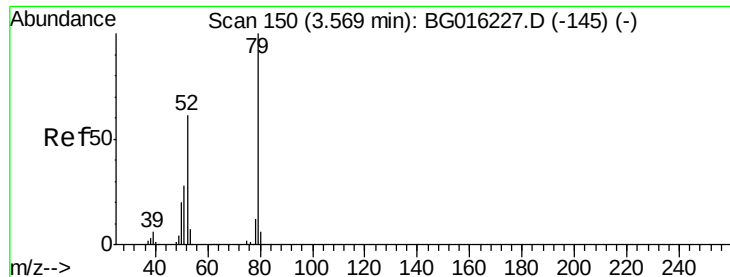
Ion Ratio Lower Upper

88 100

58 62.9 50.6 76.0

43 22.4 17.0 25.4





#3

Pyridine

Concen: 27.74 ng

RT: 3.56 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

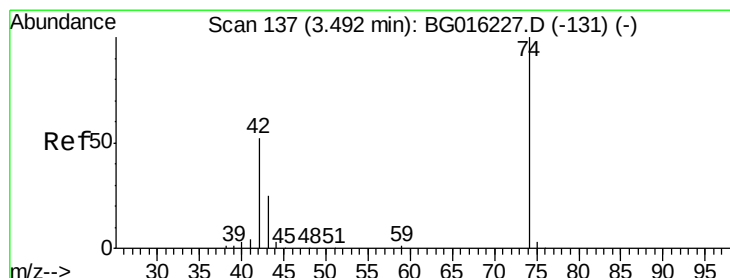
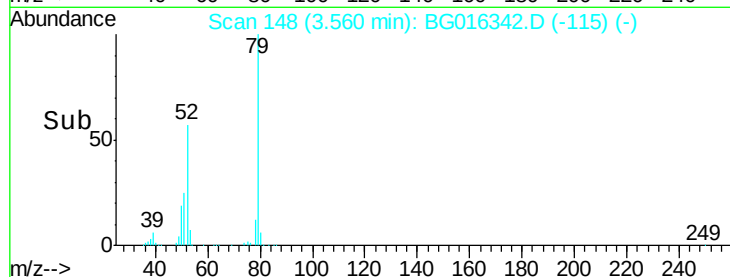
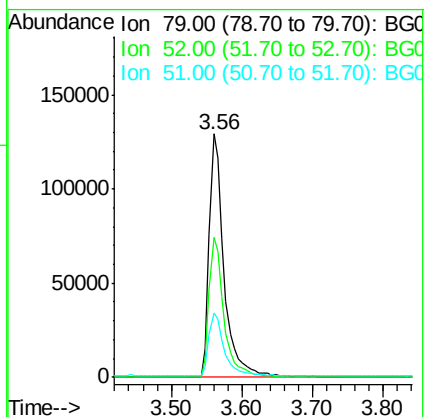
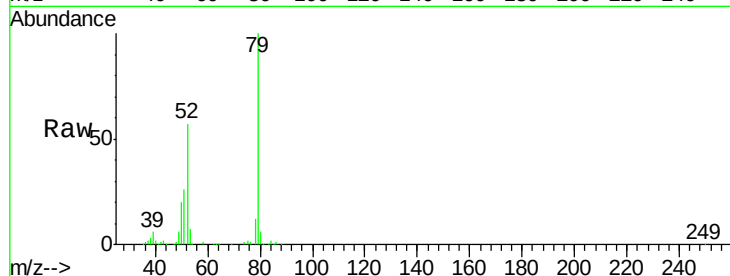
Tgt Ion: 79 Resp: 189589

Ion Ratio Lower Upper

79 100

52 57.4 49.0 73.4

51 26.4 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 31.71 ng

RT: 3.48 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

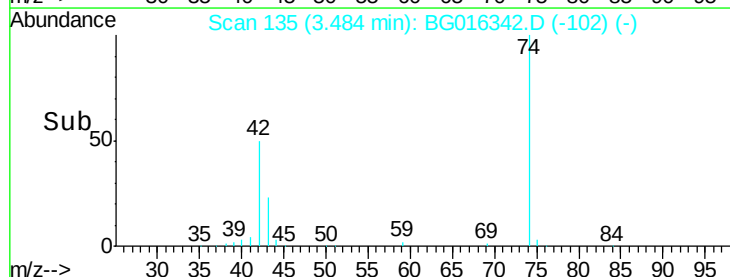
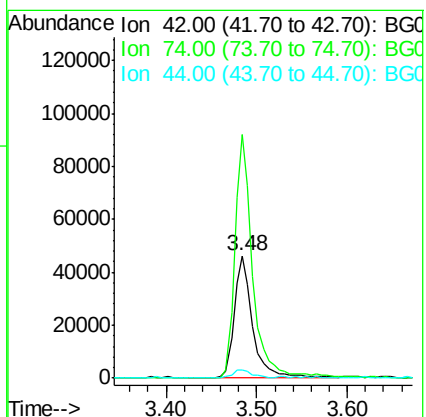
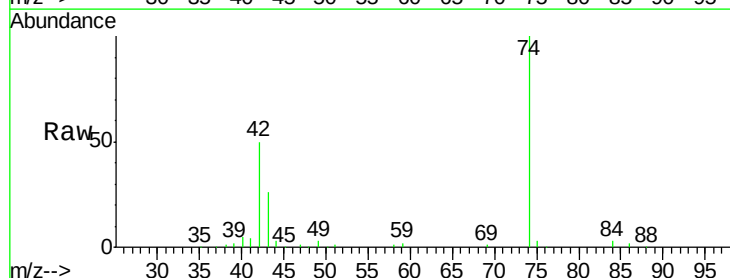
Tgt Ion: 42 Resp: 64432

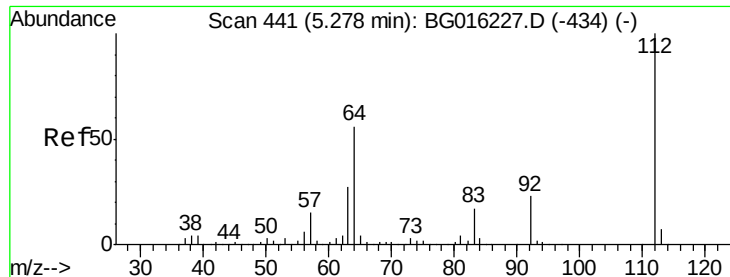
Ion Ratio Lower Upper

42 100

74 199.0 153.7 230.5

44 6.5 5.3 7.9





#5

2-Fluorophenol

Concen: 121.81 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

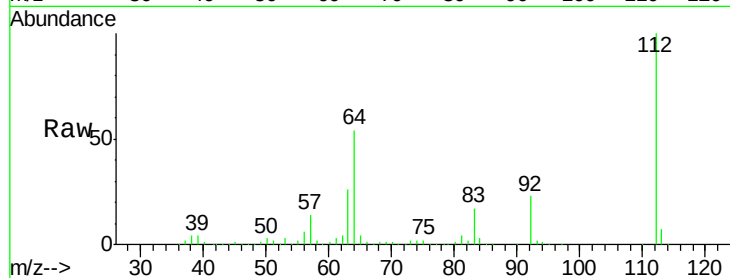
Tgt Ion: 112 Resp: 612782

Ion Ratio Lower Upper

112 100

64 54.1 44.5 66.7

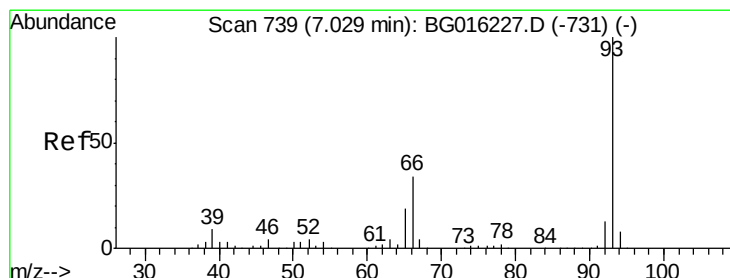
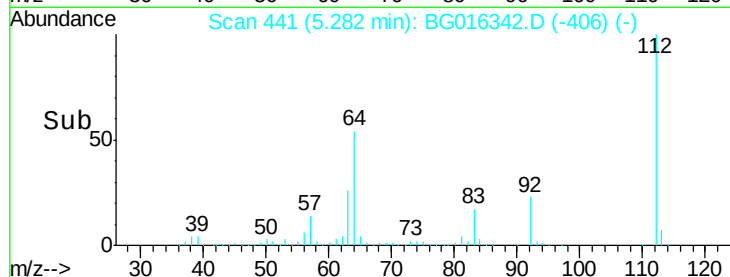
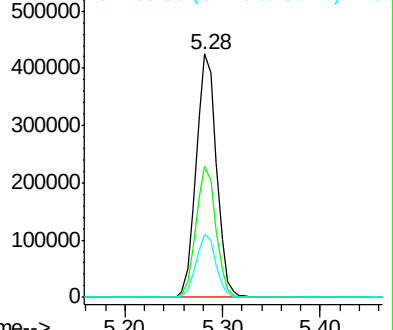
63 26.0 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.90 ng

RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

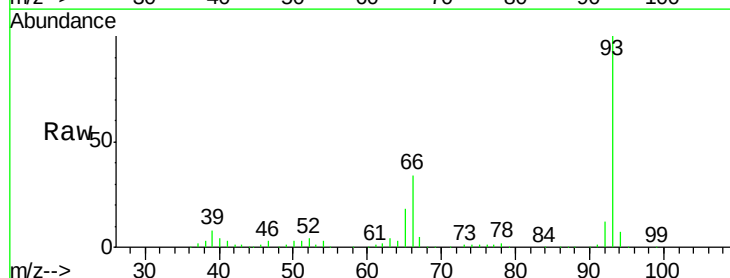
Tgt Ion: 93 Resp: 246934

Ion Ratio Lower Upper

93 100

66 33.9 27.5 41.3

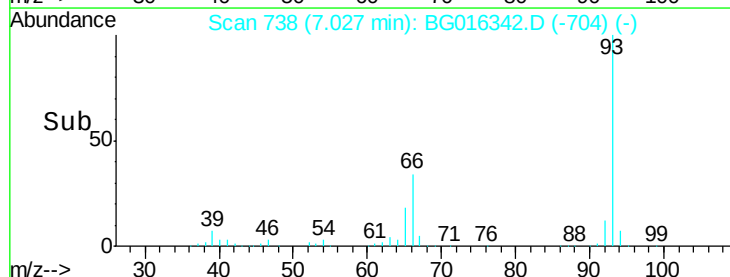
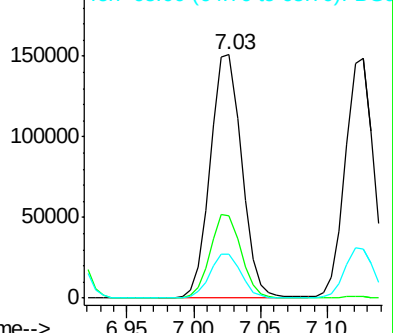
65 18.0 15.1 22.7

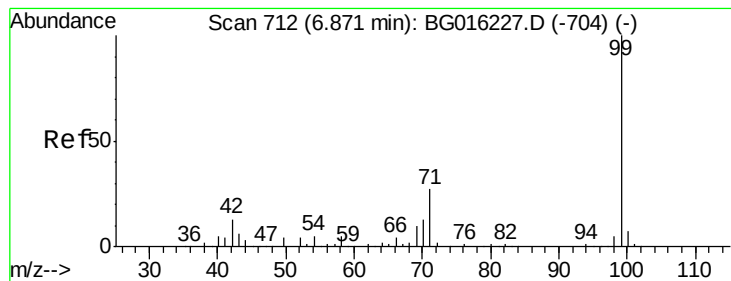


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 116.52 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

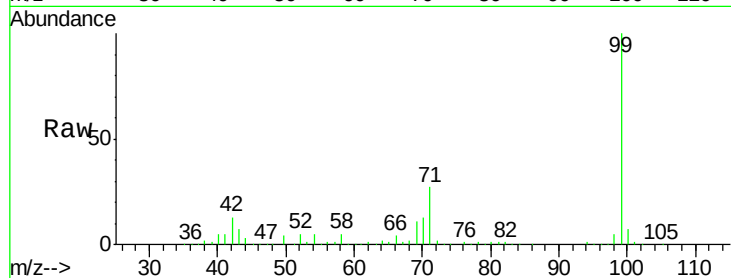
Tgt Ion: 99 Resp: 879933

Ion Ratio Lower Upper

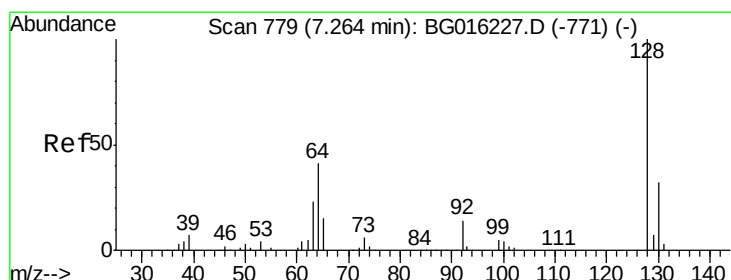
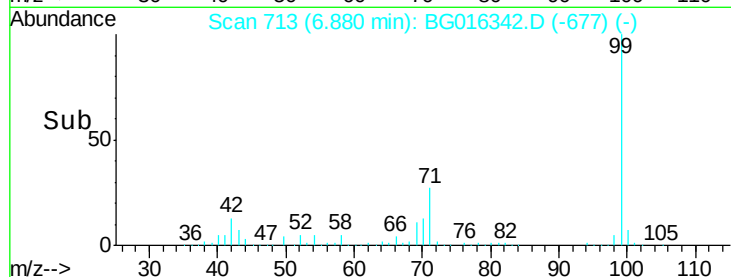
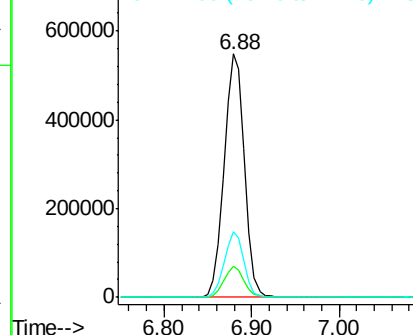
99 100

42 12.6 10.0 15.0

71 27.0 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



#8

2-Chlorophenol

Concen: 39.63 ng

RT: 7.26 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

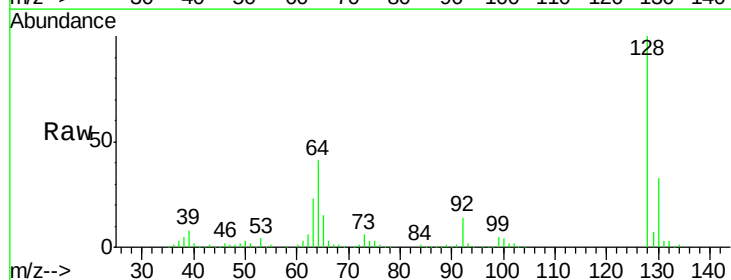
Tgt Ion: 128 Resp: 239380

Ion Ratio Lower Upper

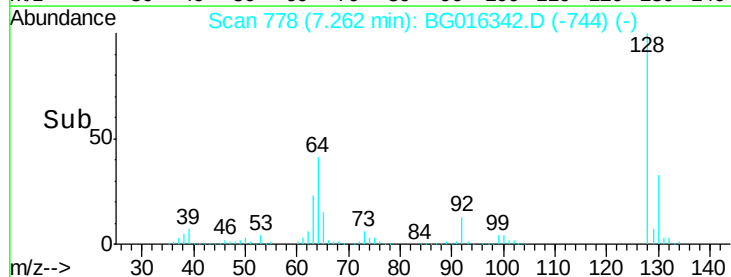
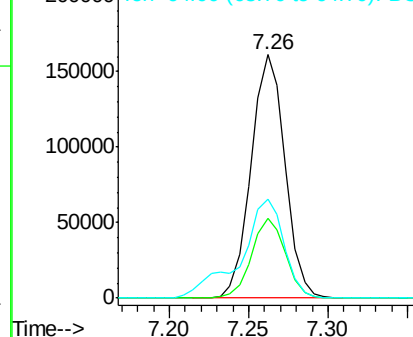
128 100

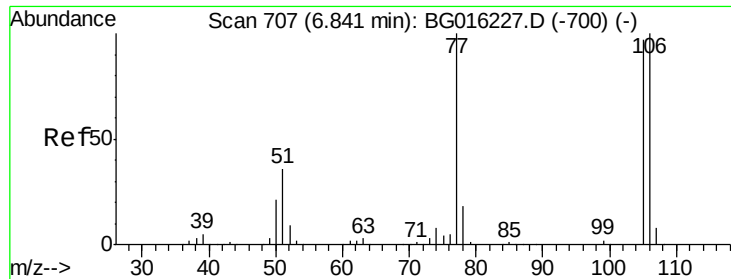
130 32.7 11.6 51.6

64 40.9 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.22 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampled :

PB82675BS

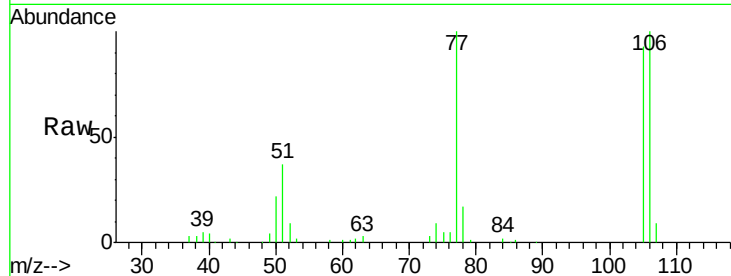
Tgt Ion: 77 Resp: 62884

Ion Ratio Lower Upper

77 100

105 93.6 76.8 116.8

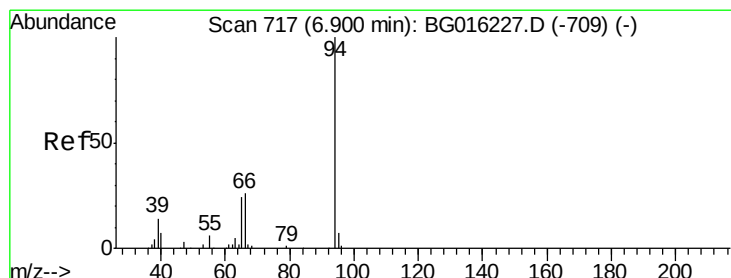
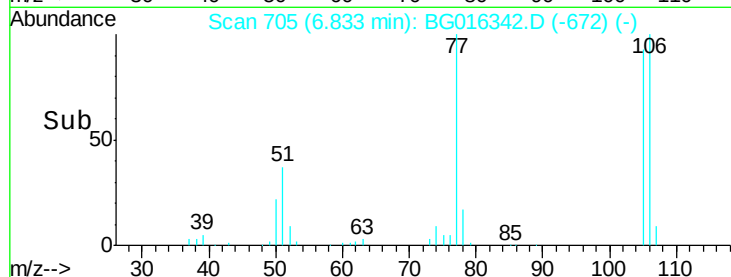
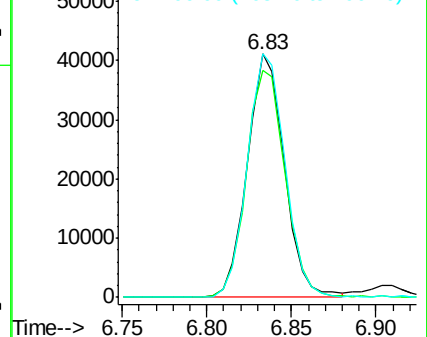
106 100.2 80.1 120.1



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



#10

Phenol

Concen: 38.78 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

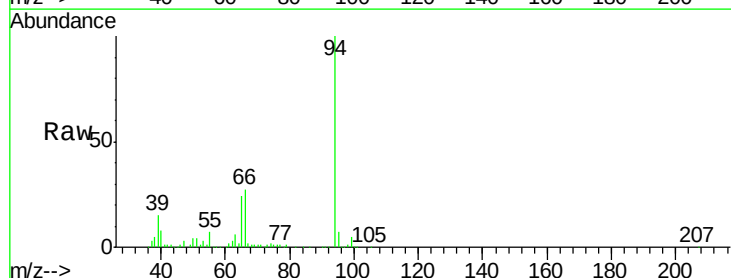
Tgt Ion: 94 Resp: 313323

Ion Ratio Lower Upper

94 100

65 23.7 3.8 43.8

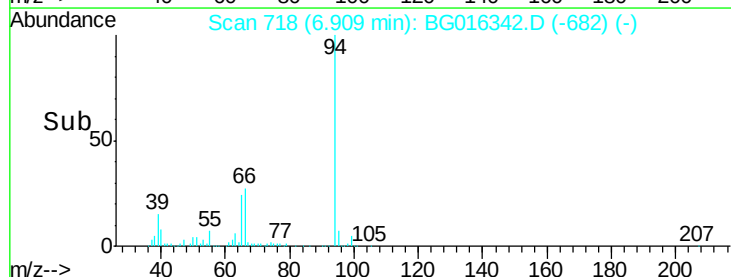
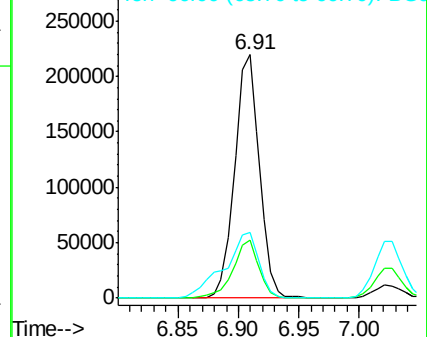
66 26.9 7.4 47.4

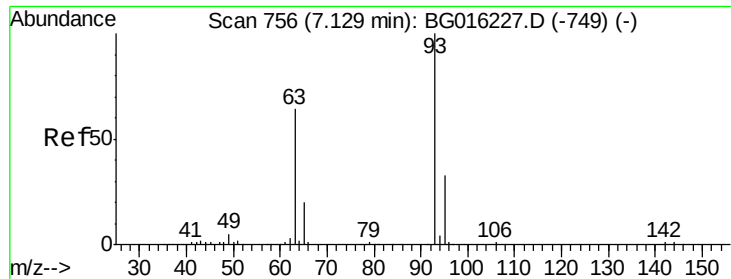


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

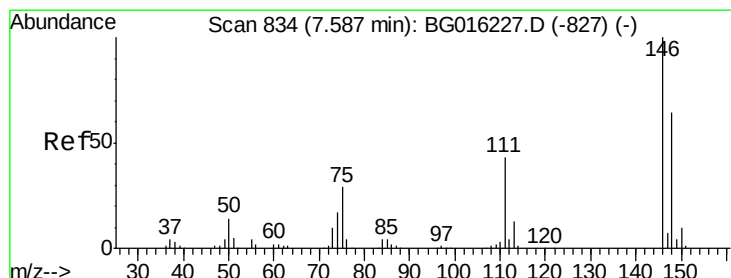
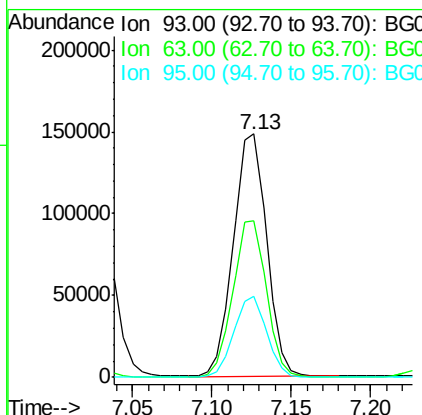
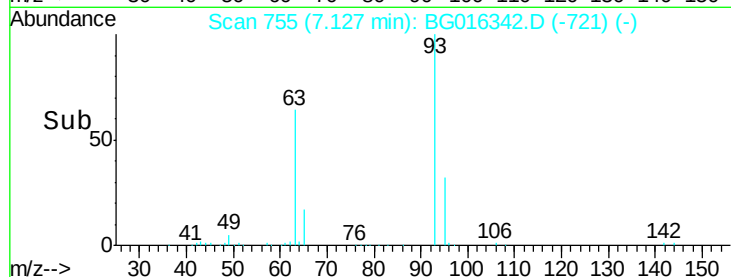
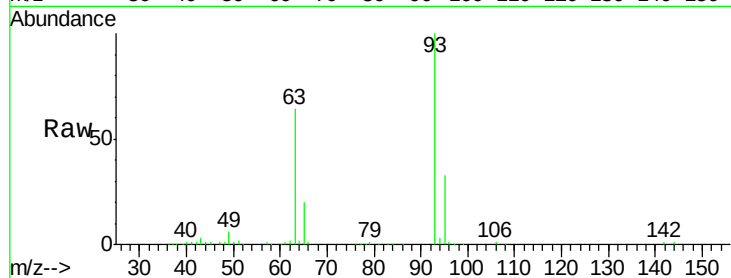




#11
bis(2-Chloroethyl)ether
Concen: 33.50 ng
RT: 7.13 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

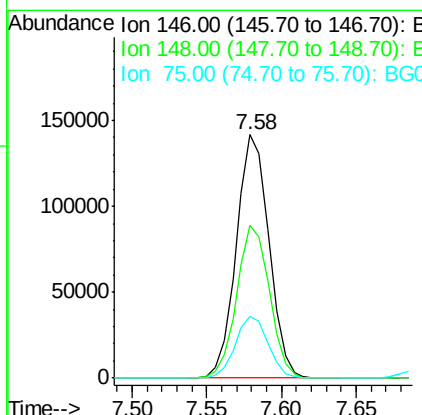
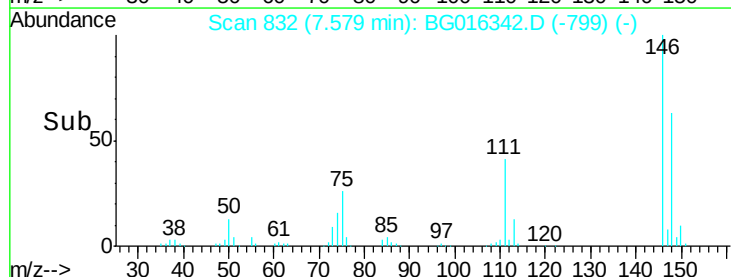
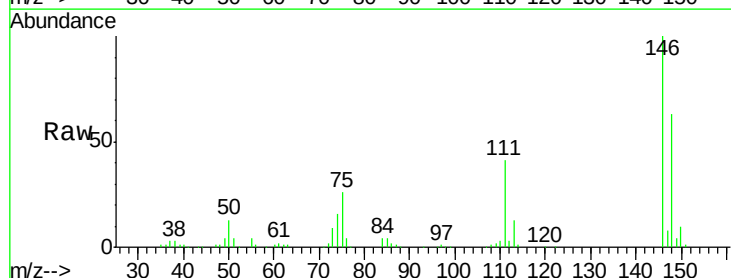
Instrument :
BNA_G
ClientSampleId :
PB82675BS

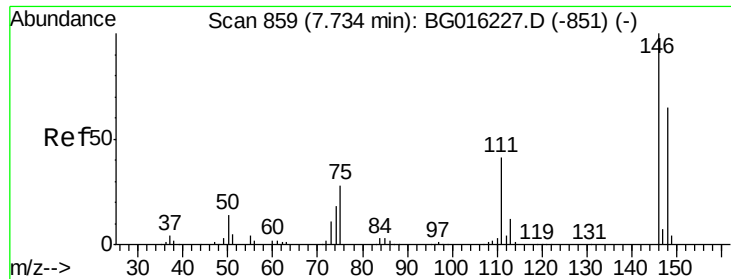
Tgt Ion:	93	Resp:	215831
Ion	Ratio	Lower	Upper
93	100		
63	64.3	44.1	84.1
95	33.2	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 35.21 ng
RT: 7.58 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:	146	Resp:	214798
Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	25.5	23.3	34.9

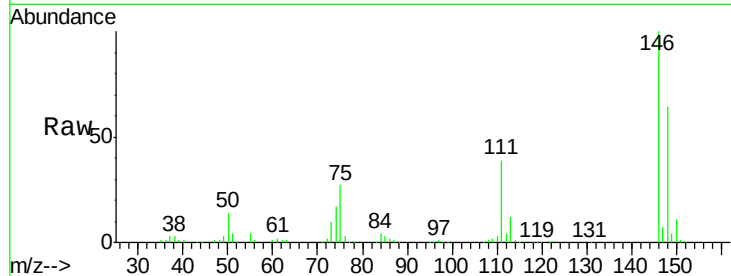




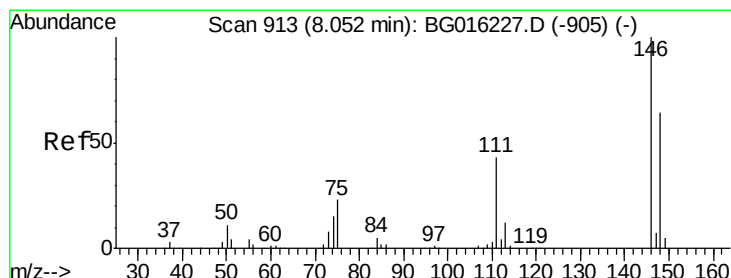
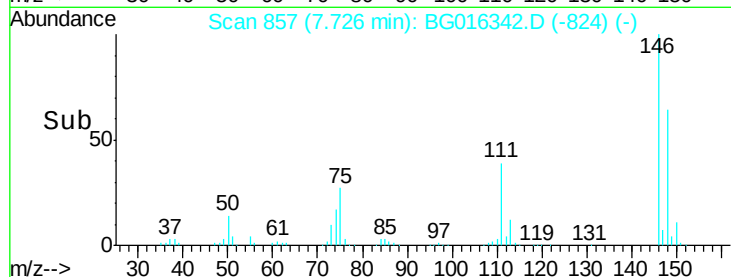
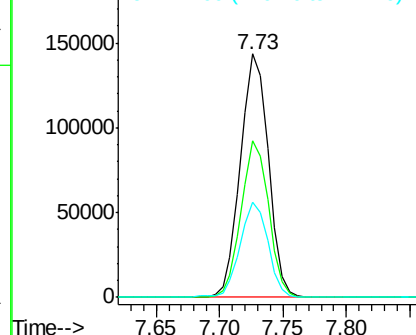
#13
 1,4-Dichlorobenzene
 Concen: 34.54 ng
 RT: 7.73 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion:146 Resp: 218592
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 39.1 32.6 49.0

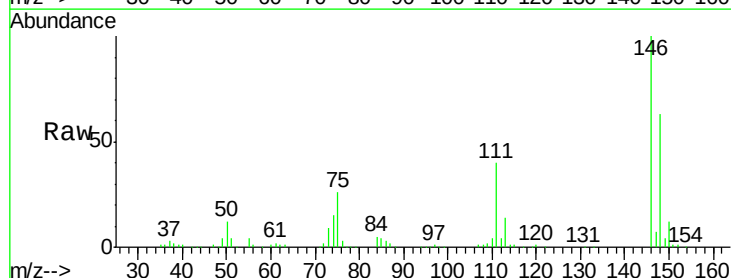


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

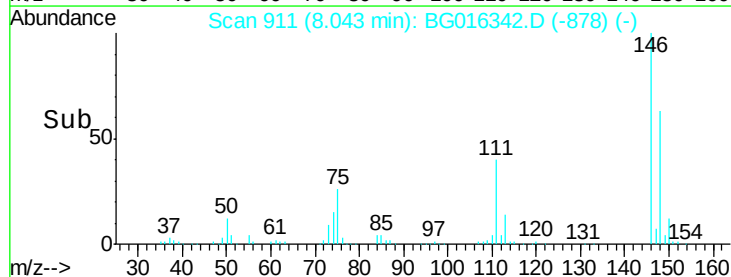
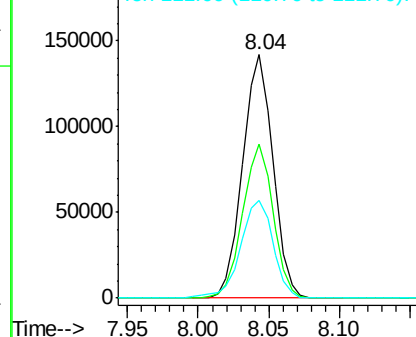


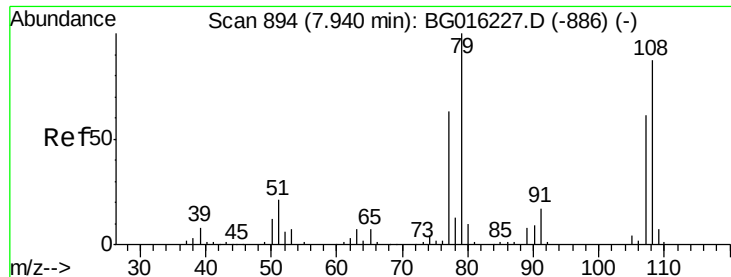
#14
 1,2-Dichlorobenzene
 Concen: 35.24 ng
 RT: 8.04 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:146 Resp: 213270
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 40.0 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





#15

Benzyl Alcohol

Concen: 35.51 ng

RT: 7.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

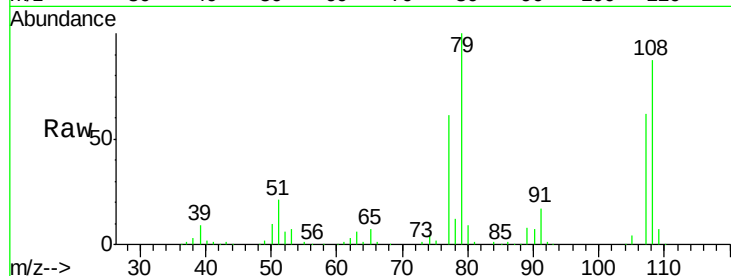
Tgt Ion: 79 Resp: 186942

Ion Ratio Lower Upper

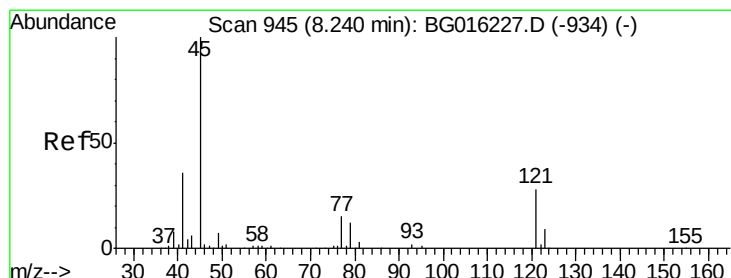
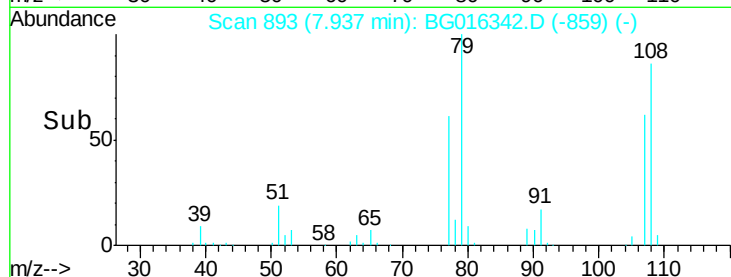
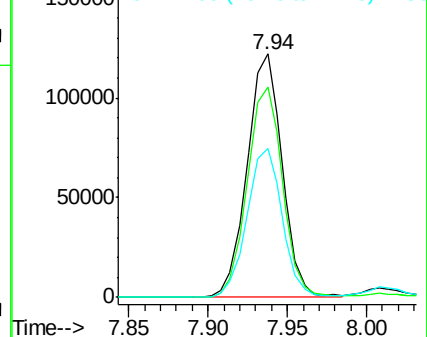
79 100

108 86.6 69.3 103.9

77 61.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.59 ng

RT: 8.23 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

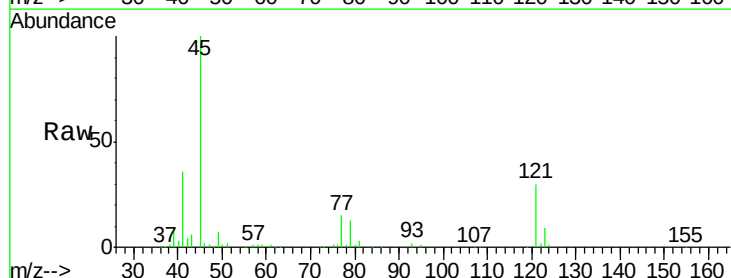
Tgt Ion: 45 Resp: 243745

Ion Ratio Lower Upper

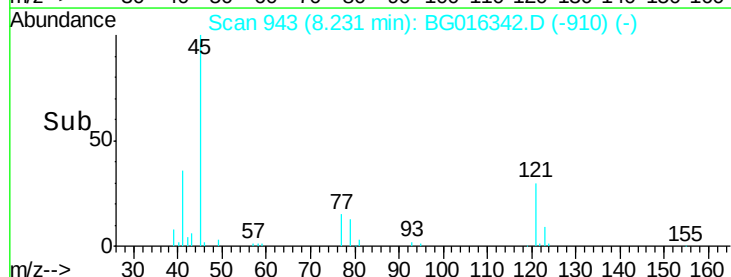
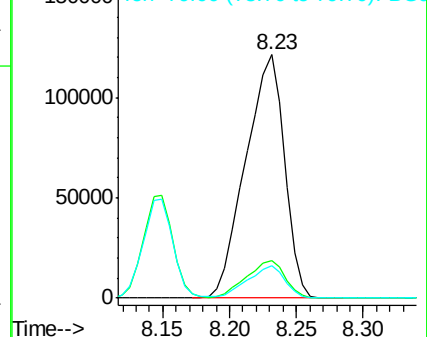
45 100

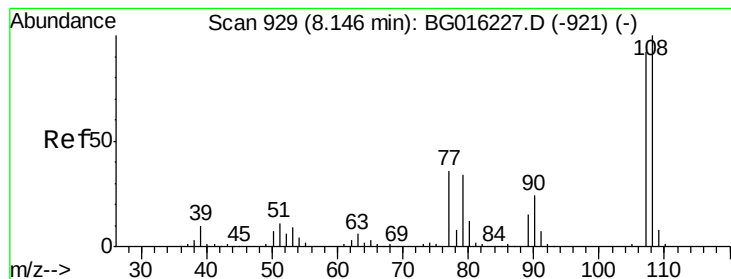
77 15.5 0.0 35.3

79 13.1 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.19 ng

RT: 8.15 min Scan# 929

Delta R.T. 0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

Tgt Ion:107 Resp: 206946

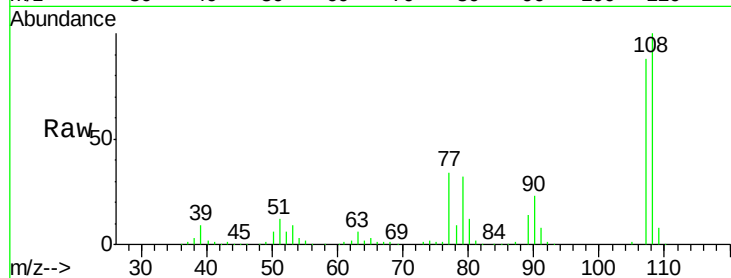
Ion Ratio Lower Upper

107 100

108 113.0 87.2 130.8

77 38.1 31.1 46.7

79 36.7 29.7 44.5

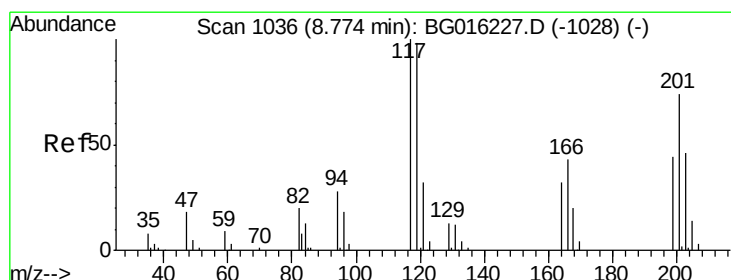
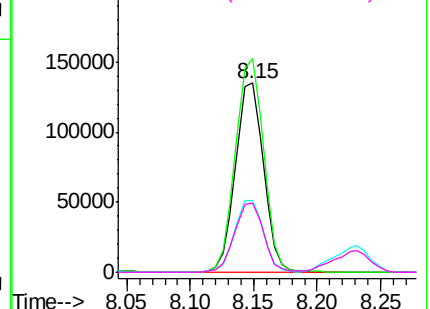
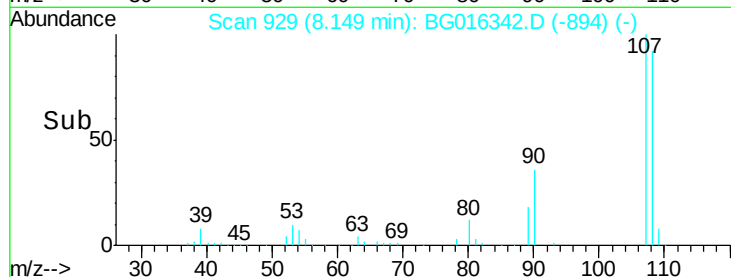


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.44 ng

RT: 8.77 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

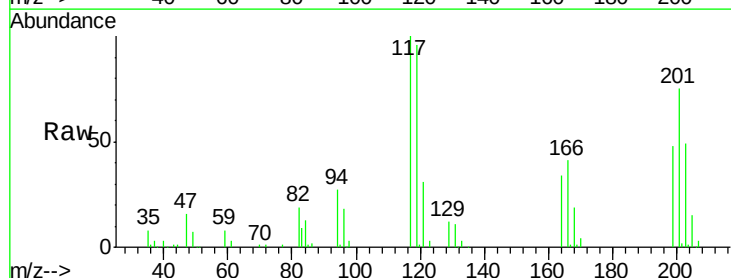
Tgt Ion:117 Resp: 80962

Ion Ratio Lower Upper

117 100

119 96.0 78.8 118.2

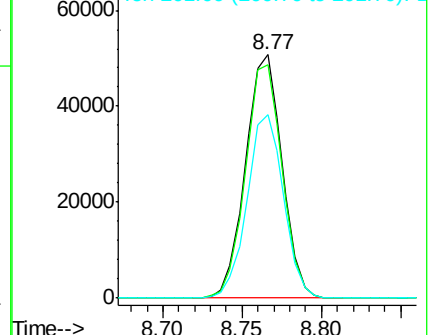
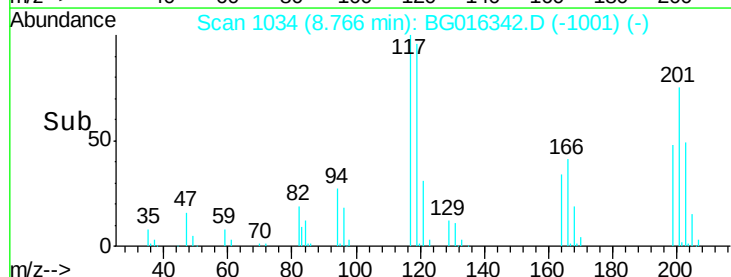
201 75.4 59.0 88.4

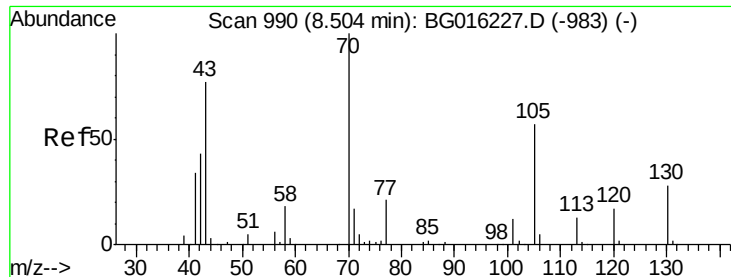


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

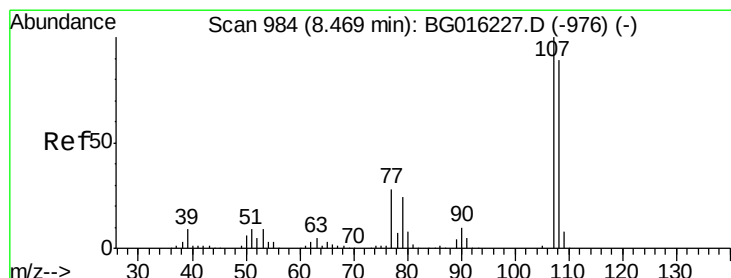
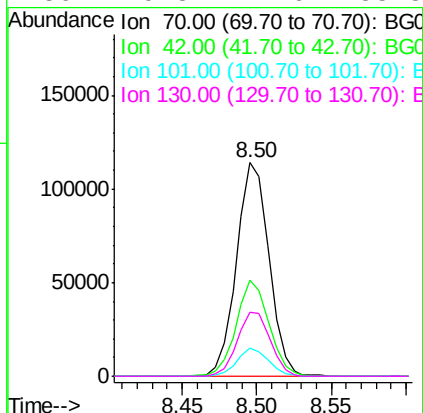
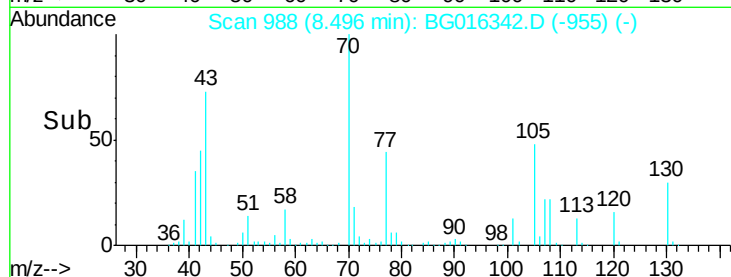
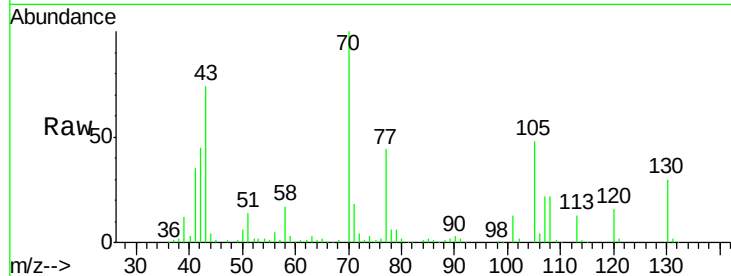




#19
n-Nitroso-di-n-propylamine
Concen: 31.88 ng
RT: 8.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

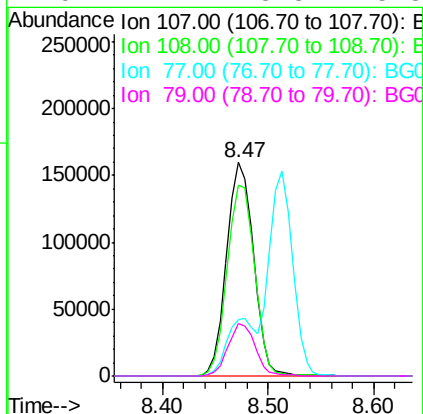
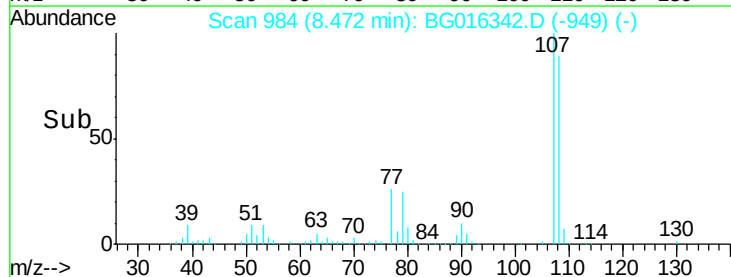
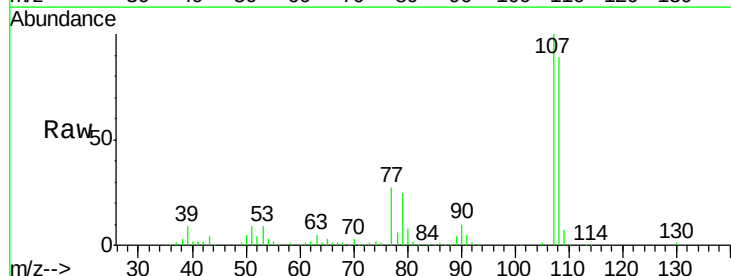
Instrument :
BNA_G
ClientSampleId :
PB82675BS

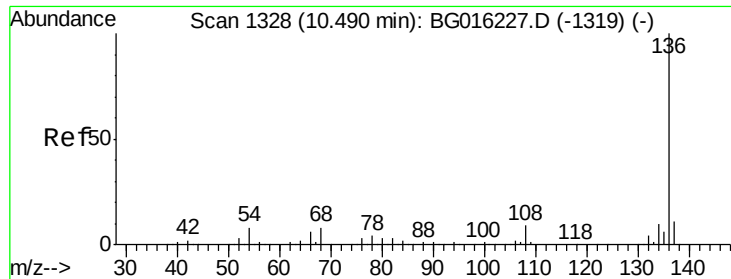
Tgt Ion: 70 Resp: 172474
Ion Ratio Lower Upper
70 100
42 44.8 34.7 52.1
101 13.0 9.2 13.8
130 29.8 22.6 33.8



#20
3+4-Methylphenols
Concen: 37.71 ng
RT: 8.47 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion: 107 Resp: 282978
Ion Ratio Lower Upper
107 100
108 89.0 69.5 109.5
77 26.6 8.2 48.2
79 24.7 3.8 43.8

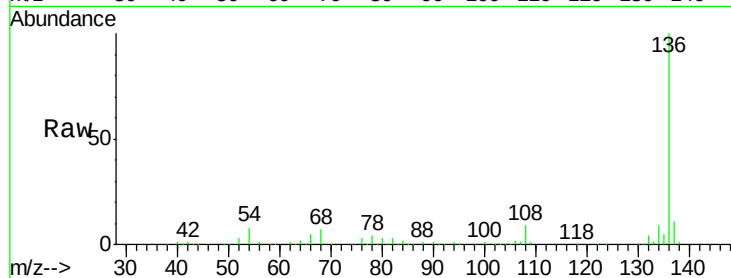




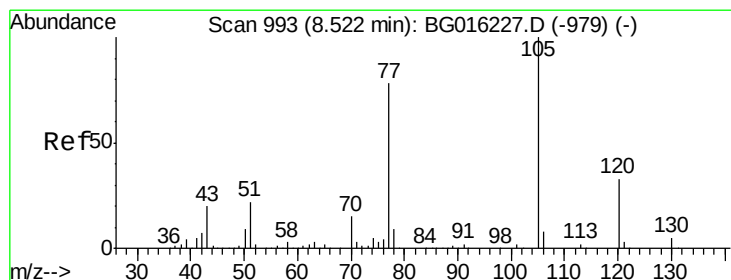
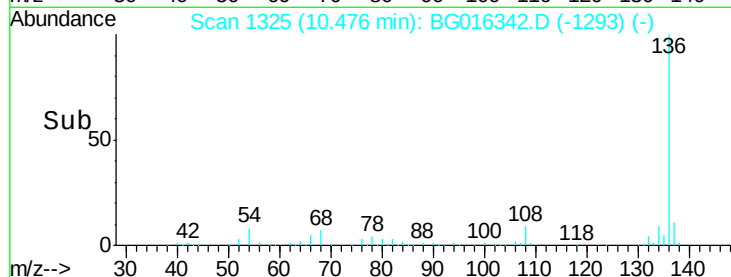
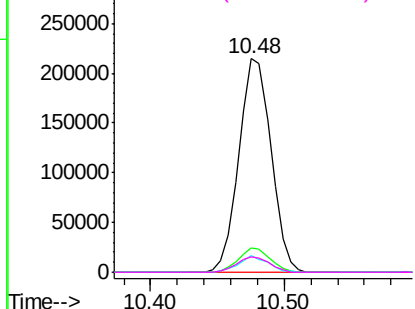
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Instrument :
BNA_G
ClientSampleId :
PB82675BS

Tgt Ion:	136	Resp:	358598
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.6	6.3	9.5
68	7.4	6.5	9.7

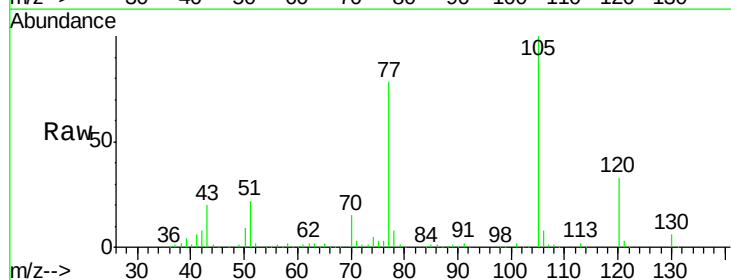


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

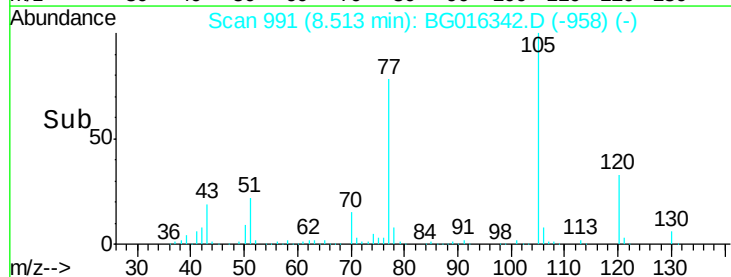
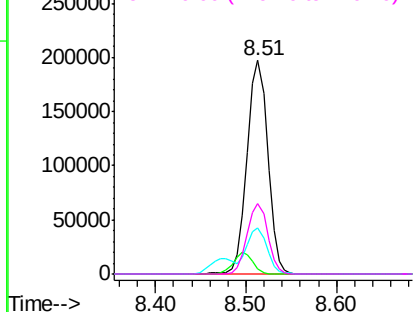


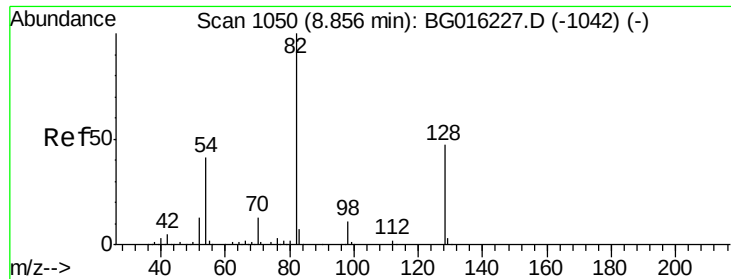
#22
Acetophenone
Concen: 37.80 ng
RT: 8.51 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:	105	Resp:	314283
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	21.7	17.9	26.9
120	32.8	26.3	39.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

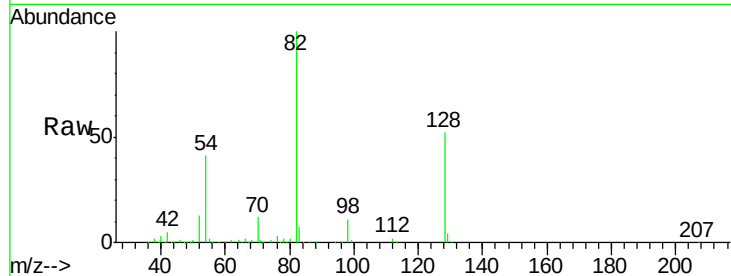




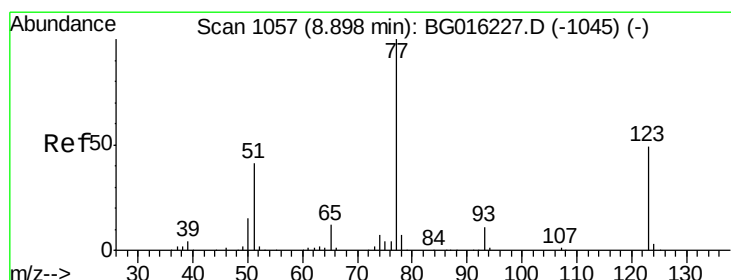
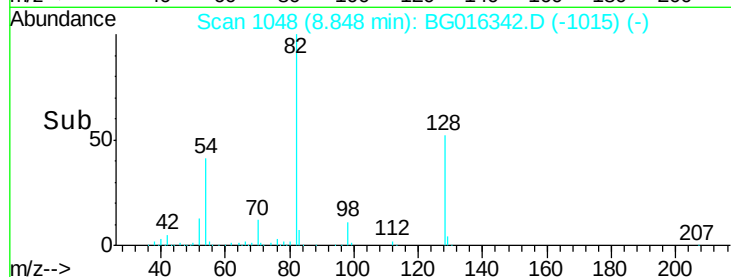
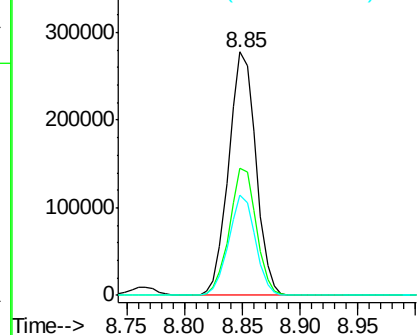
#23
 Nitrobenzene-d5
 Concen: 73.53 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion: 82 Resp: 455168
 Ion Ratio Lower Upper
 82 100
 128 52.0 37.8 56.8
 54 41.1 32.6 49.0

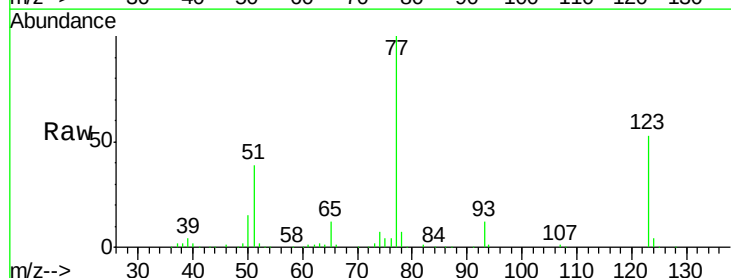


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

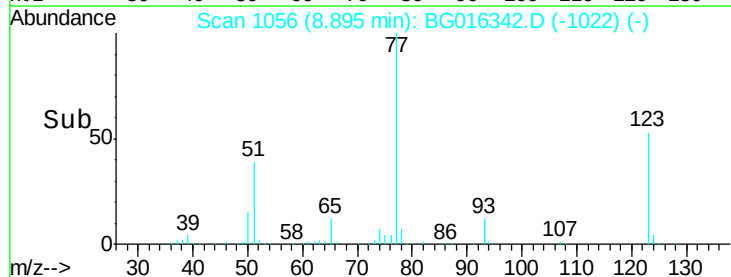
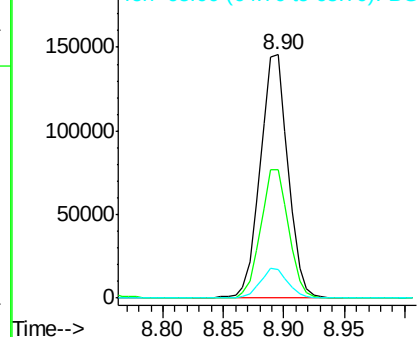


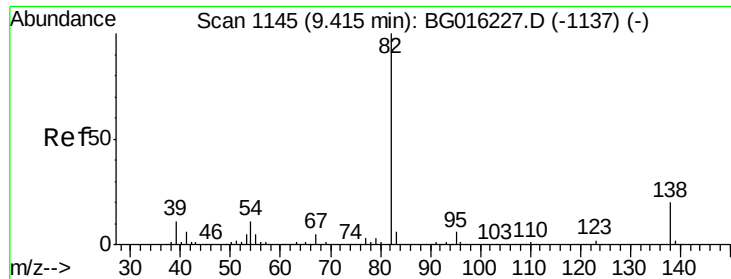
#24
 Nitrobenzene
 Concen: 35.29 ng
 RT: 8.90 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion: 77 Resp: 233582
 Ion Ratio Lower Upper
 77 100
 123 52.5 38.8 58.2
 65 11.9 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





#25

Isophorone

Concen: 34.44 ng

RT: 9.41 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

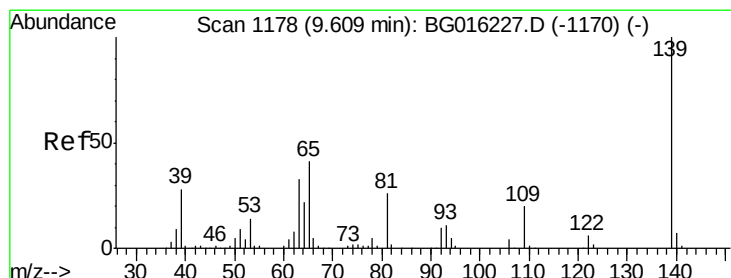
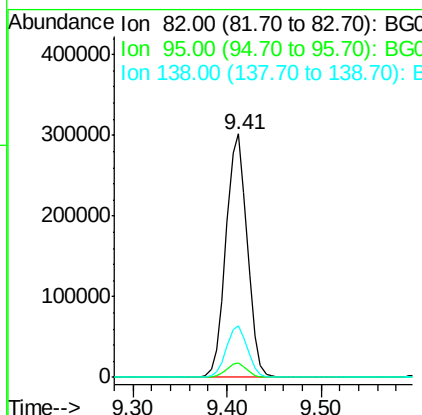
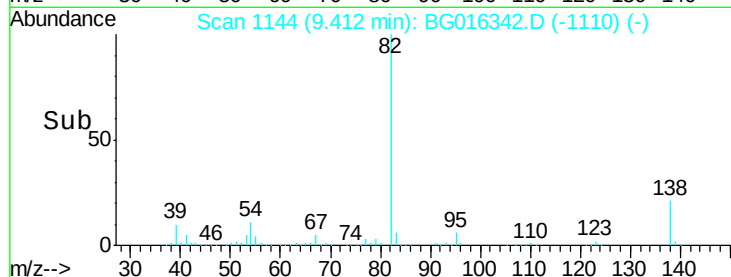
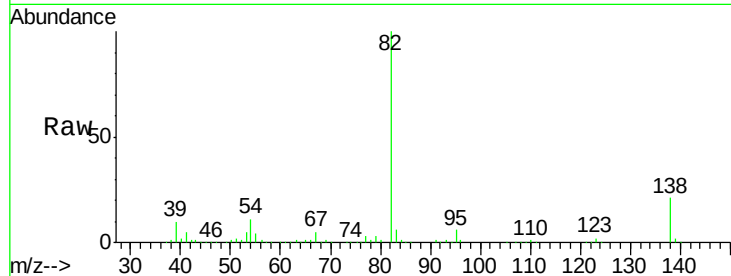
Tgt Ion: 82 Resp: 473390

Ion Ratio Lower Upper

82 100

95 6.2 5.0 7.6

138 21.4 16.2 24.2



#26

2-Nitrophenol

Concen: 42.56 ng

RT: 9.60 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

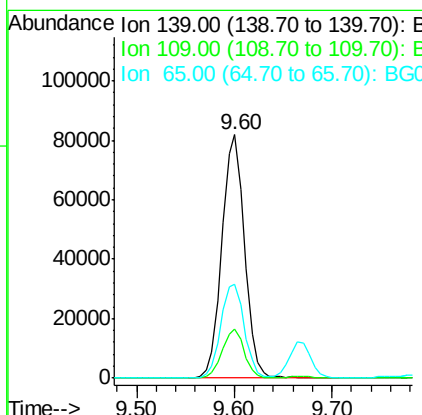
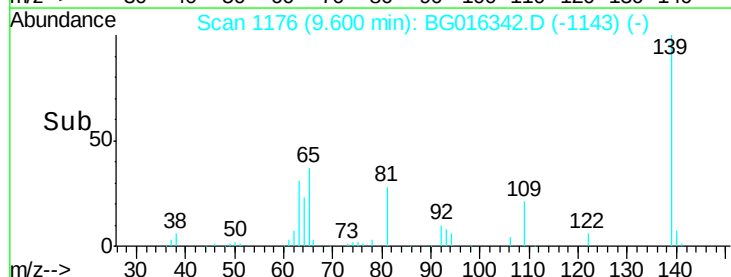
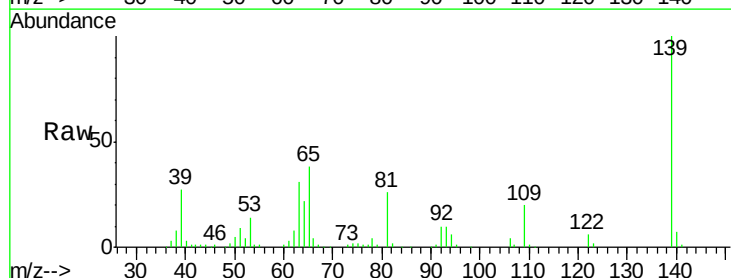
Tgt Ion: 139 Resp: 131369

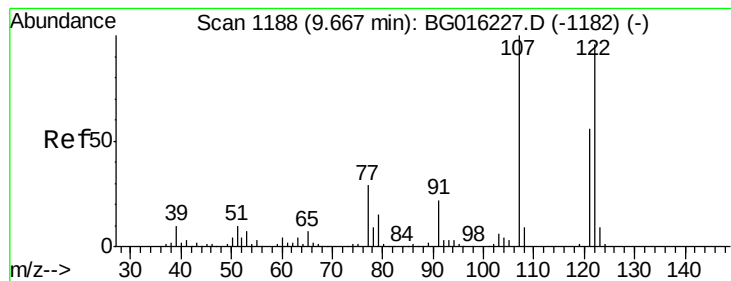
Ion Ratio Lower Upper

139 100

109 20.2 15.9 23.9

65 38.4 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 41.98 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

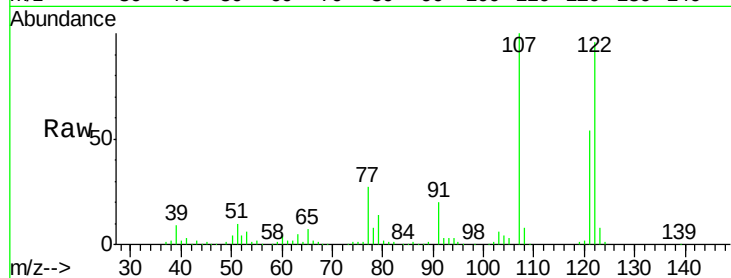
Tgt Ion: 122 Resp: 241393

Ion Ratio Lower Upper

122 100

107 103.6 83.4 125.2

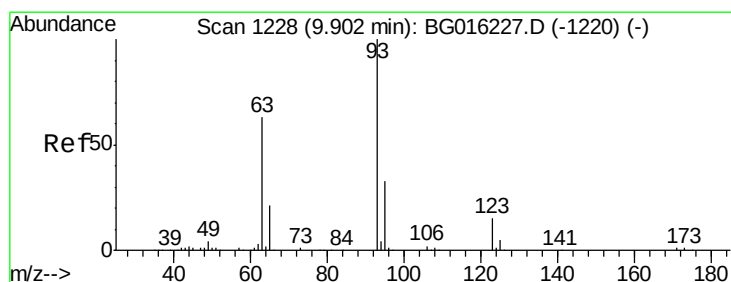
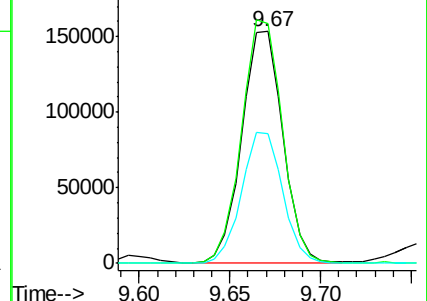
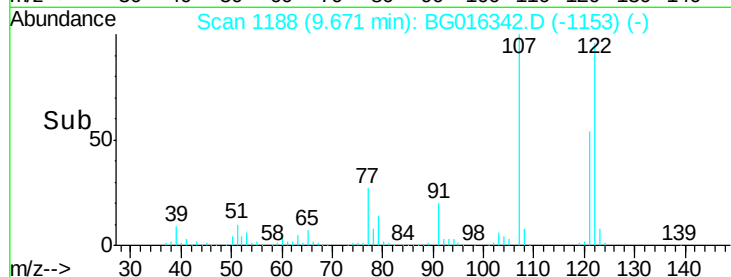
121 55.7 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.42 ng

RT: 9.90 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

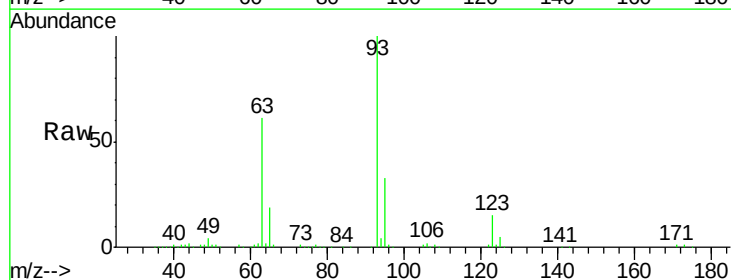
Tgt Ion: 93 Resp: 285755

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

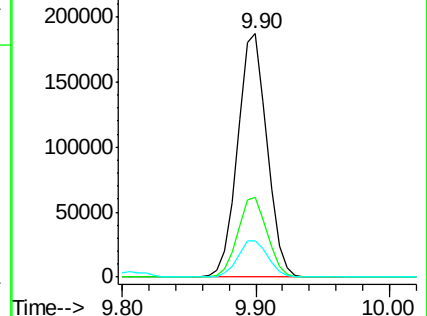
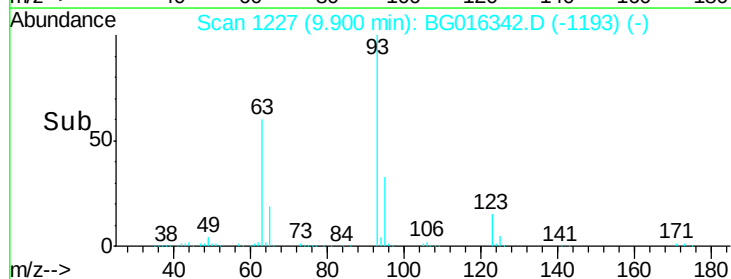
123 14.9 11.8 17.8

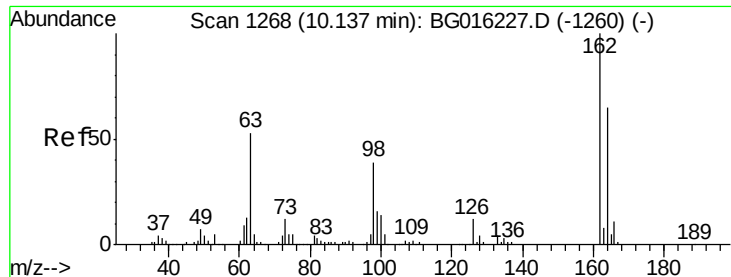


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

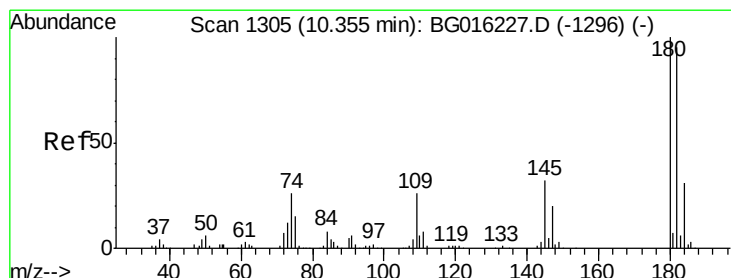
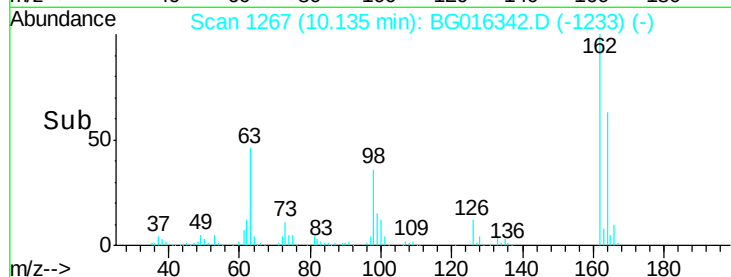
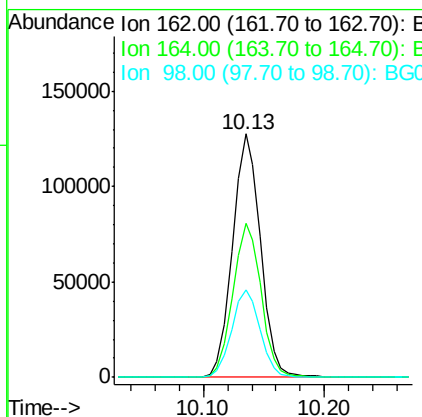
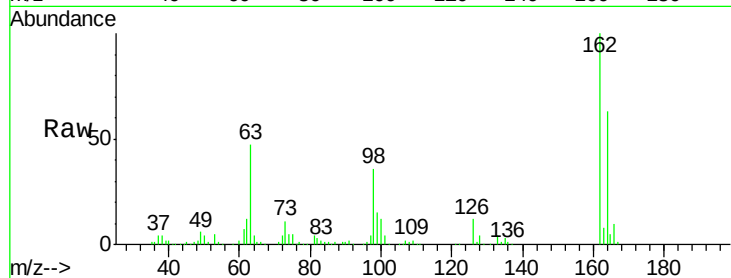




#29
2,4-Dichlorophenol
Concen: 45.23 ng
RT: 10.13 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

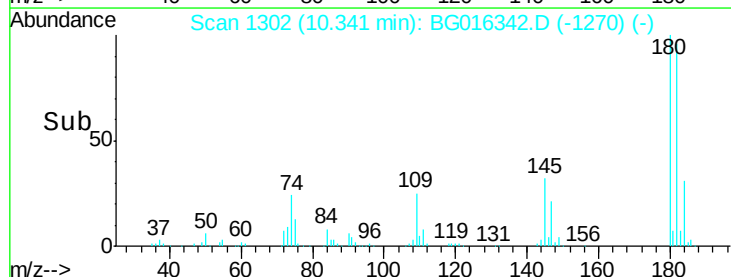
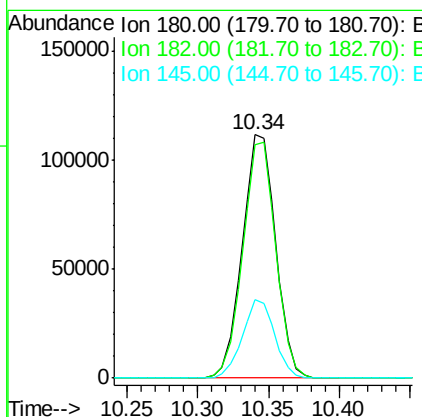
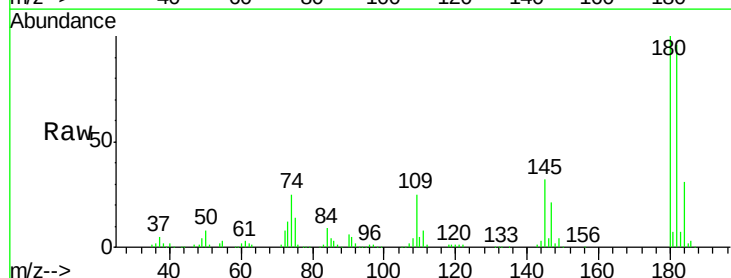
Instrument :
BNA_G
ClientSampleId :
PB82675BS

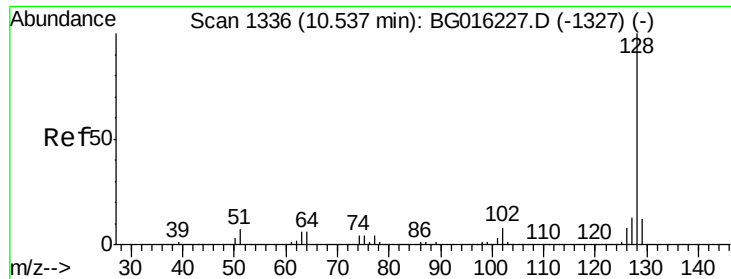
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.0	85.0
98	35.8	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 38.72 ng
RT: 10.34 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	32.4	25.2	37.8

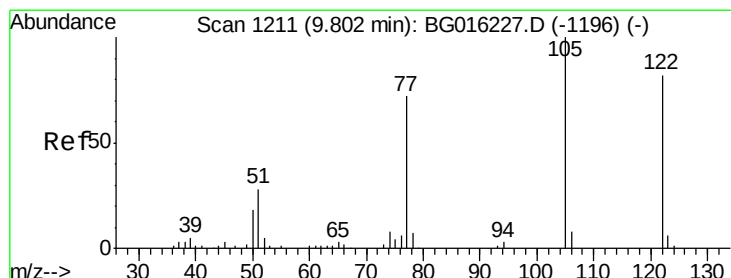
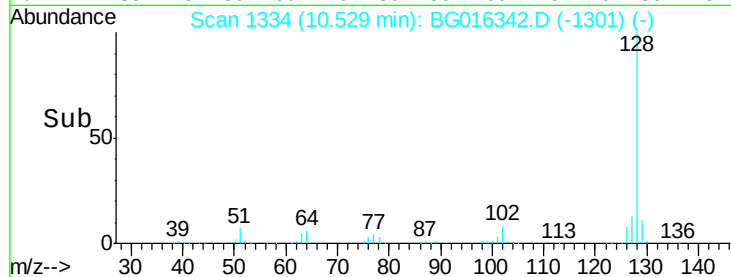
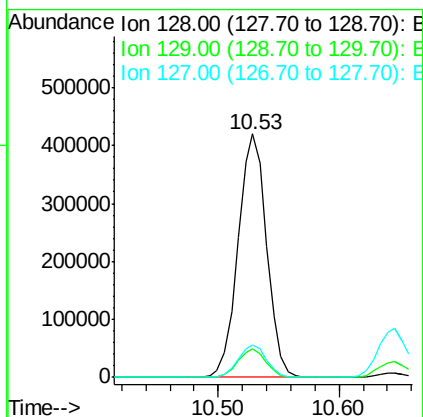
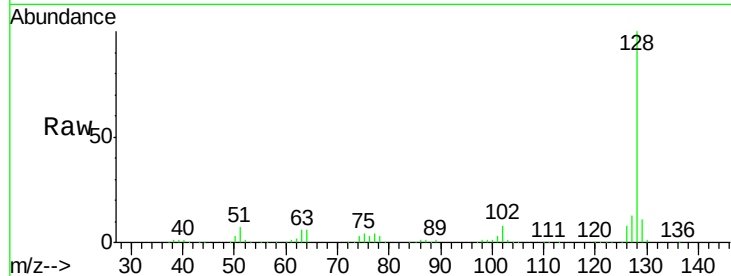




#31
Naphthalene
Concen: 36.91 ng
RT: 10.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

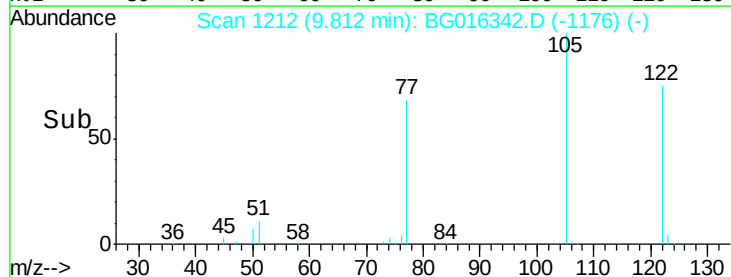
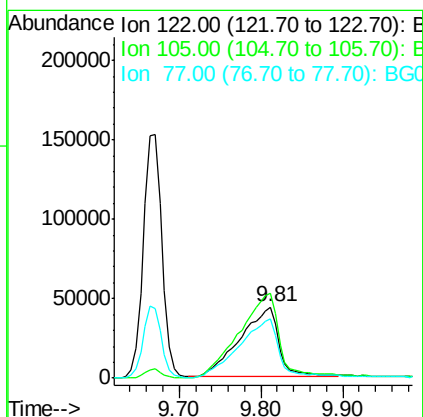
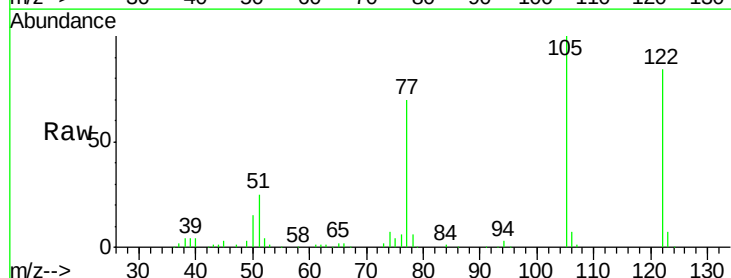
Instrument :
BNA_G
ClientSampled :
PB82675BS

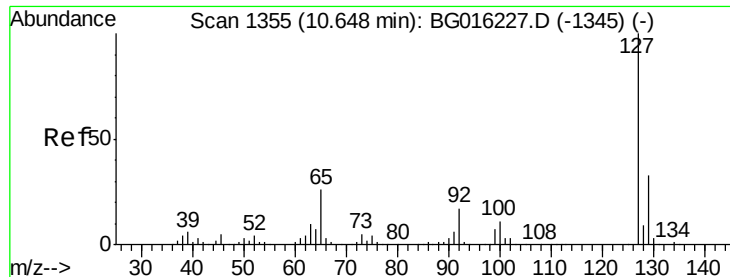
Tgt Ion:128 Resp: 689721
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 40.96 ng
RT: 9.81 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:122 Resp: 147763
Ion Ratio Lower Upper
122 100
105 119.5 99.7 139.7
77 83.8 66.8 106.8

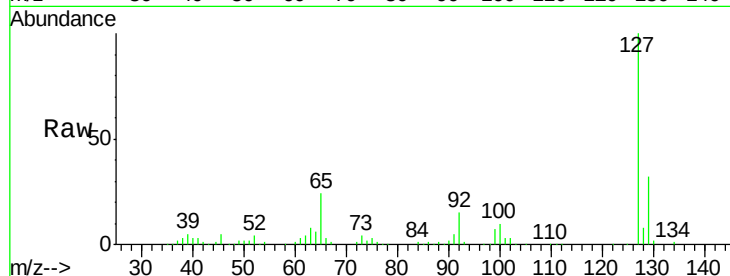




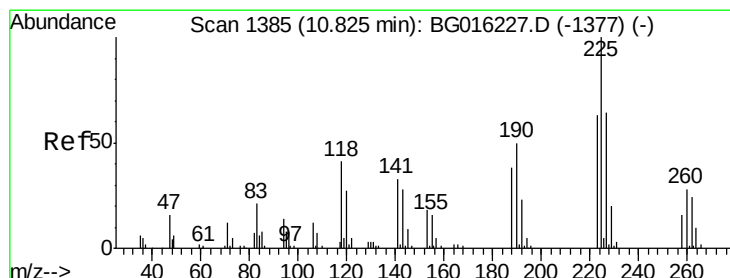
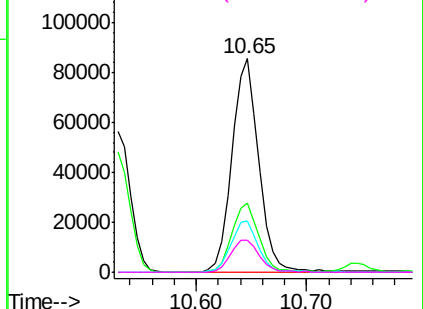
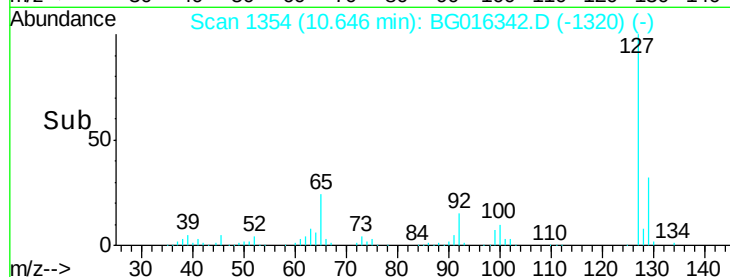
#33
4-Chloroaniline
Concen: 16.61 ng
RT: 10.65 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Instrument :
BNA_G
ClientSampleId :
PB82675BS

Tgt Ion:127 Resp: 145623
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 23.7 21.2 31.8
92 15.0 13.8 20.6

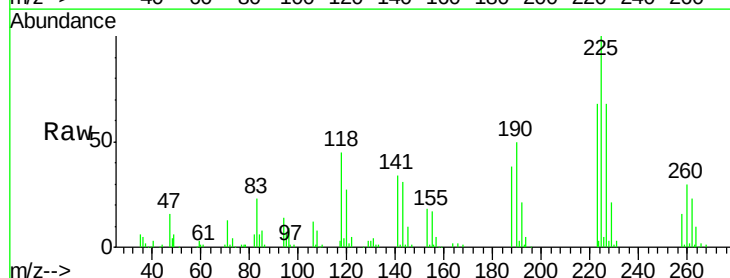


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

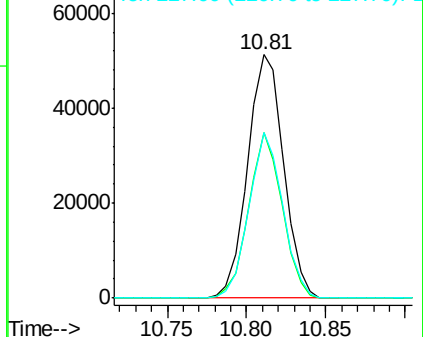
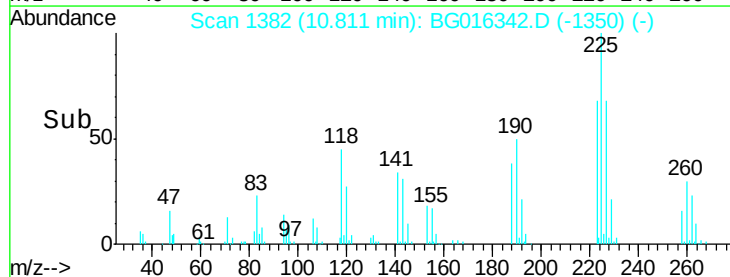


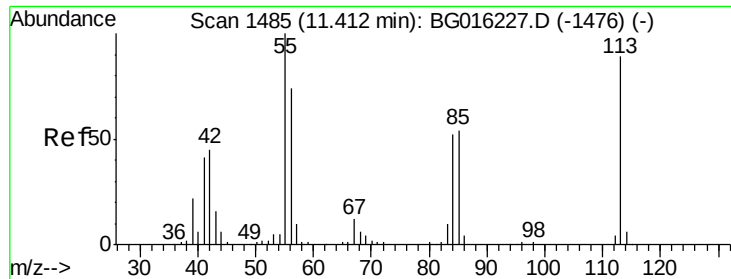
#34
Hexachlorobutadiene
Concen: 38.73 ng
RT: 10.81 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:225 Resp: 80809
Ion Ratio Lower Upper
225 100
223 67.8 50.4 75.6
227 67.8 51.2 76.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.99 ng

RT: 11.42 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

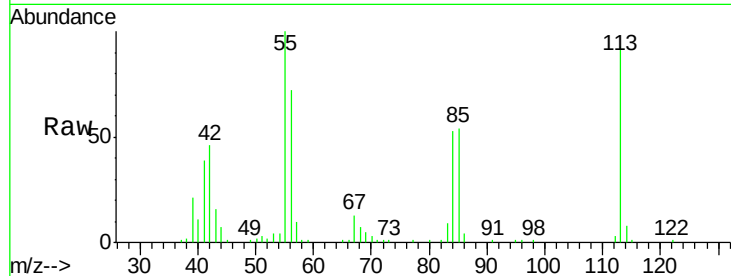
Tgt Ion:113 Resp: 114556

Ion Ratio Lower Upper

113 100

55 107.7 92.4 132.4

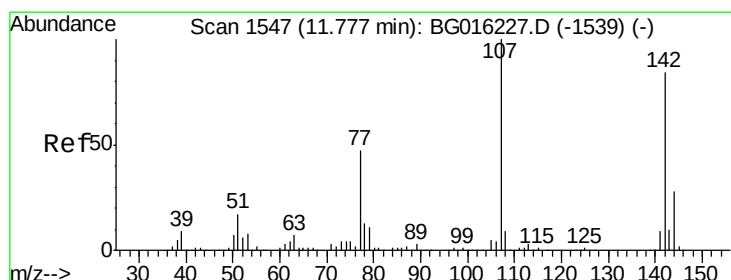
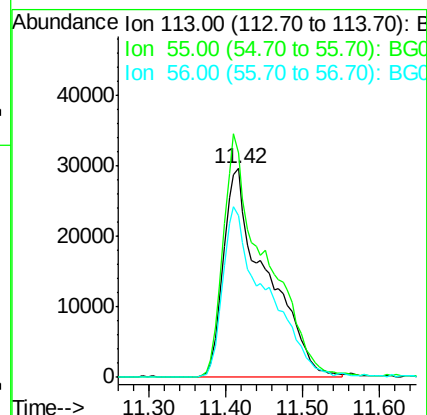
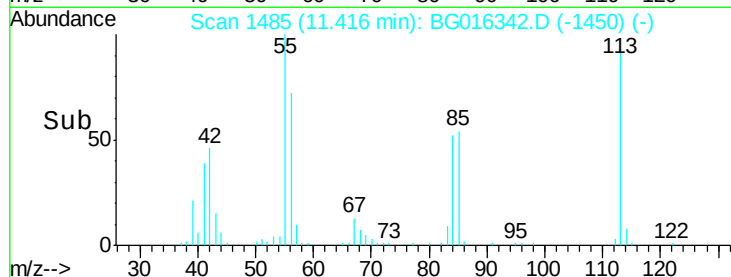
56 77.4 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016227.D (-1476) (-)

Ion 56.00 (55.70 to 56.70): BG016227.D (-1476) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.89 ng

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

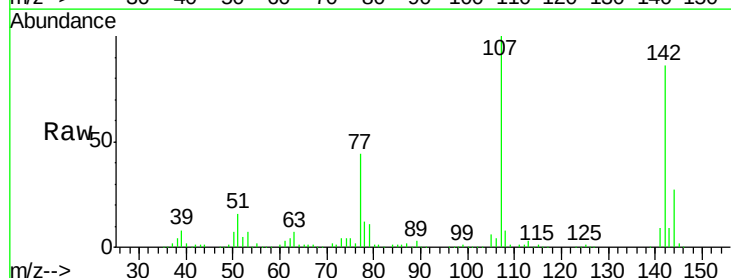
Tgt Ion:107 Resp: 245772

Ion Ratio Lower Upper

107 100

144 27.3 22.0 33.0

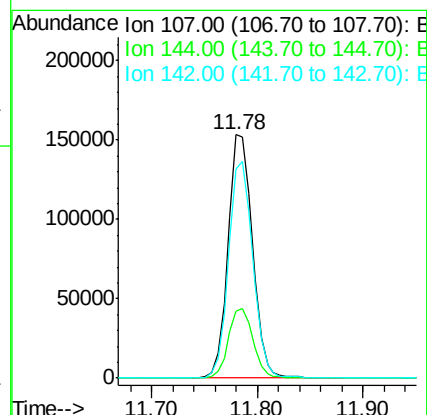
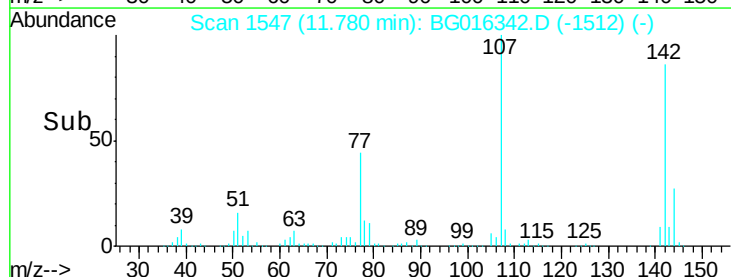
142 85.9 67.0 100.6

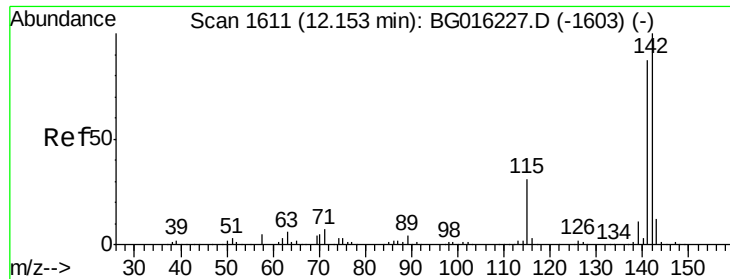


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

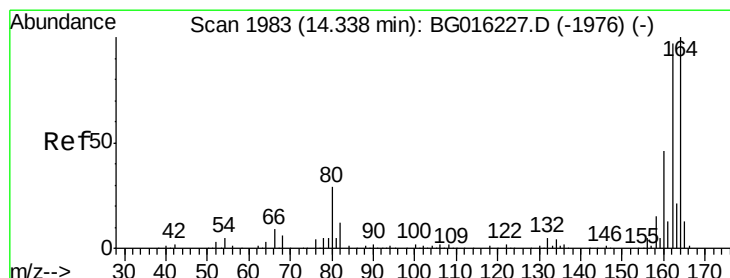
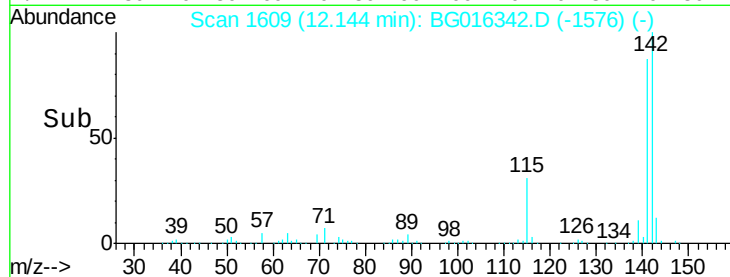
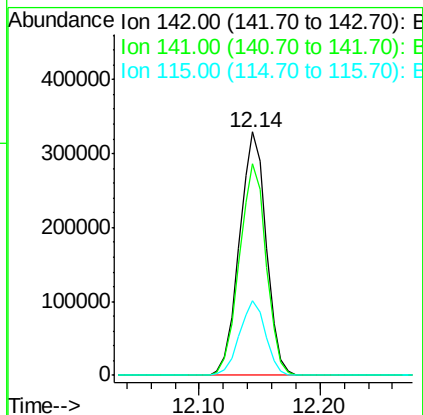
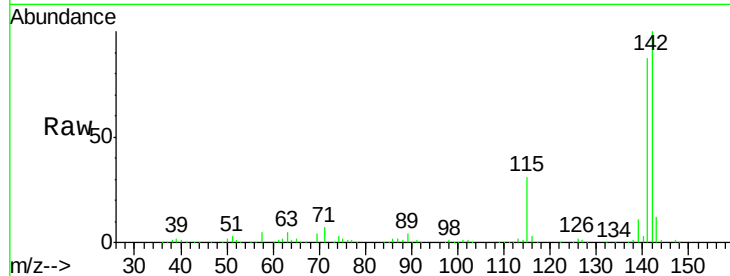




#37
 2-Methylnaphthalene
 Concen: 37.88 ng
 RT: 12.14 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

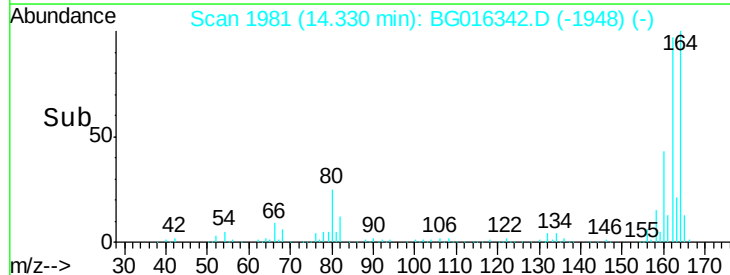
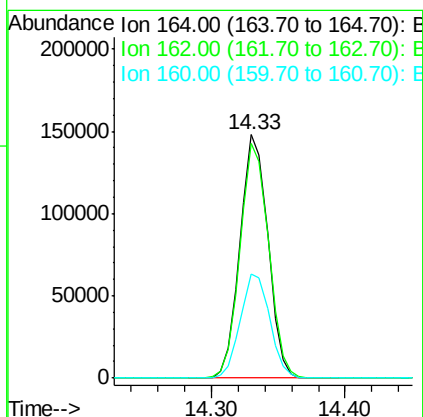
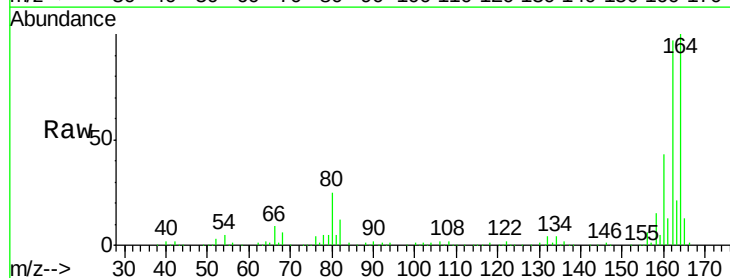
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

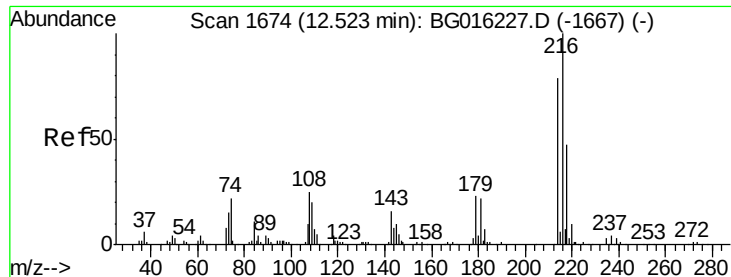
Tgt Ion:142 Resp: 509208
 Ion Ratio Lower Upper
 142 100
 141 86.8 69.3 103.9
 115 30.8 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:164 Resp: 214116
 Ion Ratio Lower Upper
 164 100
 162 96.6 77.3 115.9
 160 42.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.00 ng

RT: 12.51 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

Tgt Ion:216 Resp: 179144

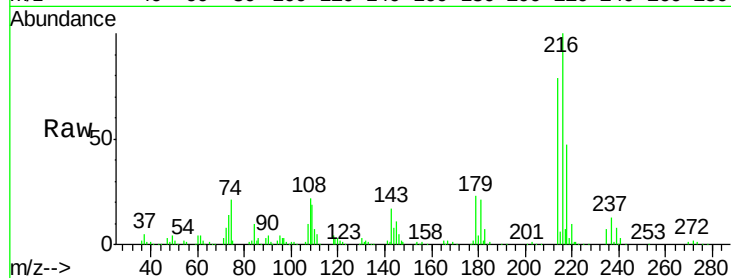
Ion Ratio Lower Upper

216 100

214 78.0 63.4 95.0

179 22.1 18.2 27.2

108 26.2 21.2 31.8

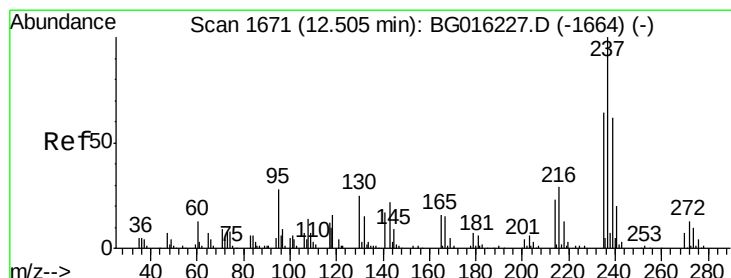
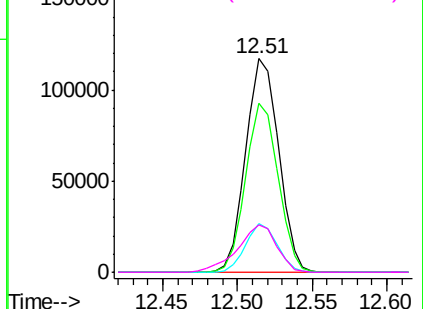
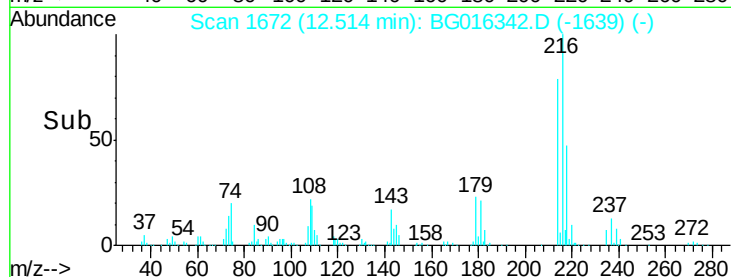


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.16 ng

RT: 12.50 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

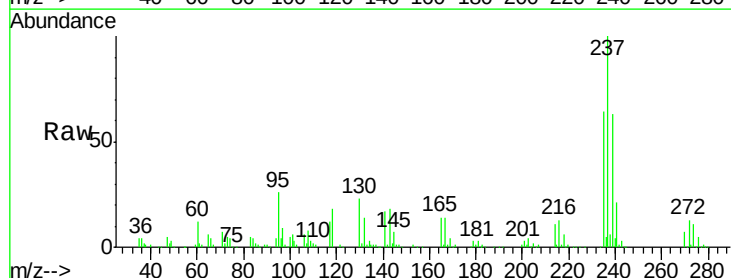
Tgt Ion:237 Resp: 177286

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

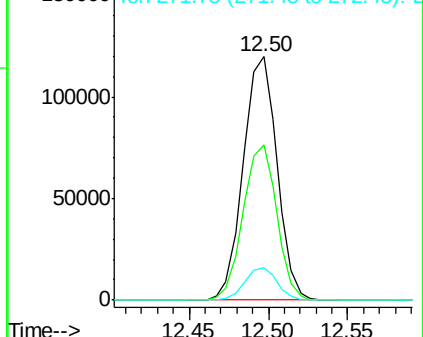
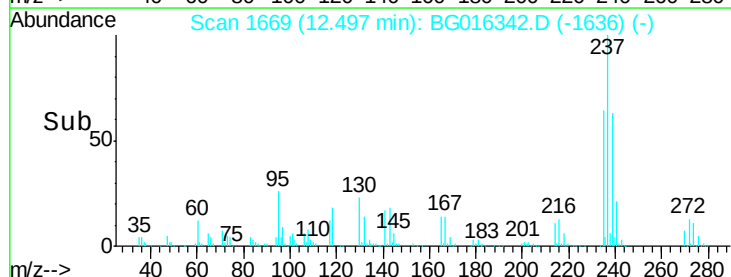
272 13.2 0.0 33.1

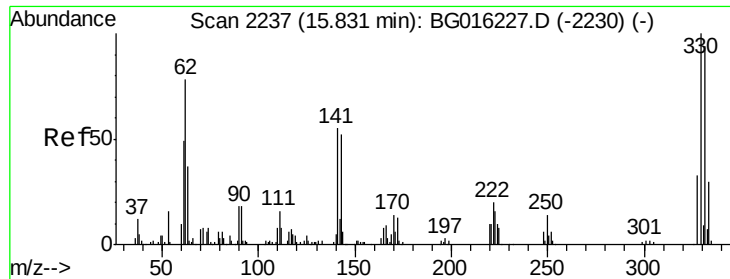


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 127.90 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

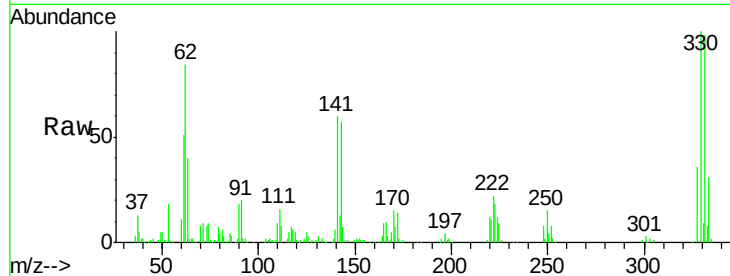
Tgt Ion:330 Resp: 185203

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

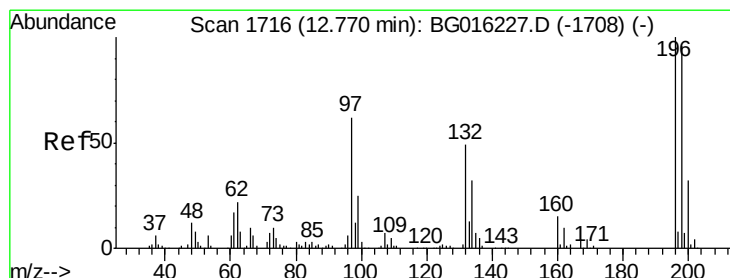
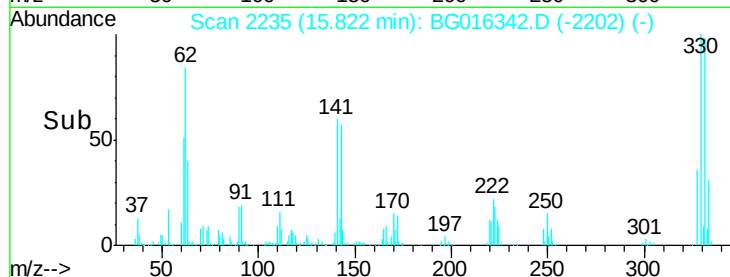
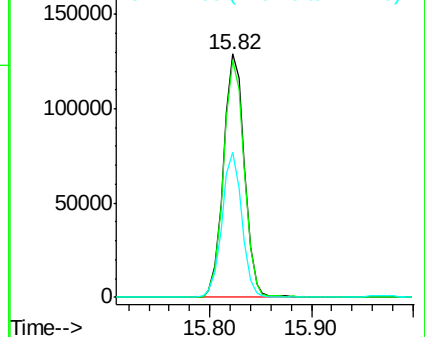
141 56.7 46.6 69.8



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



#42

2,4,6-Trichlorophenol

Concen: 41.61 ng

RT: 12.76 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

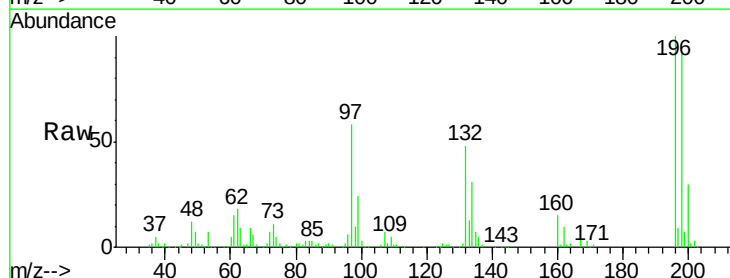
Tgt Ion:196 Resp: 145761

Ion Ratio Lower Upper

196 100

198 92.2 77.2 115.8

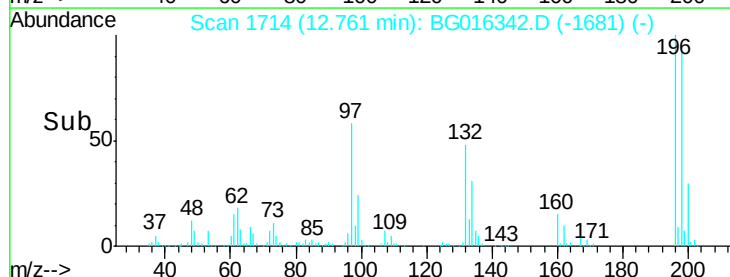
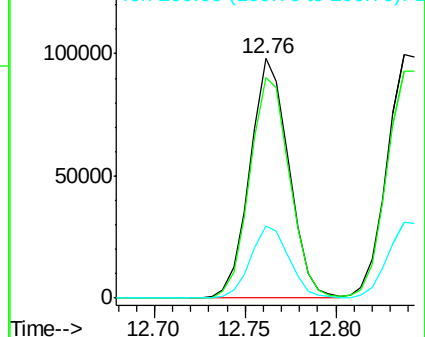
200 30.3 25.3 37.9

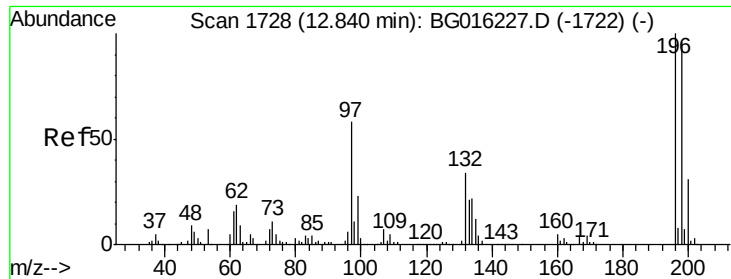


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

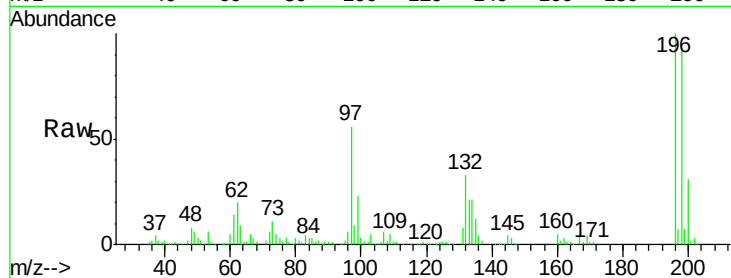




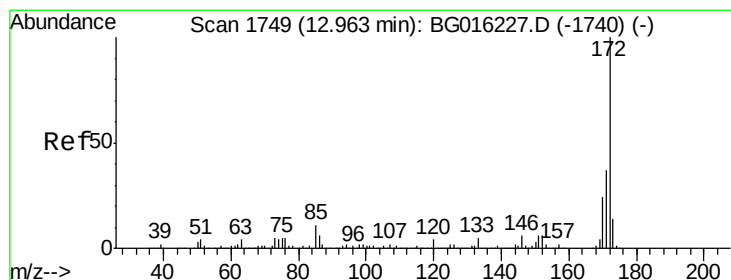
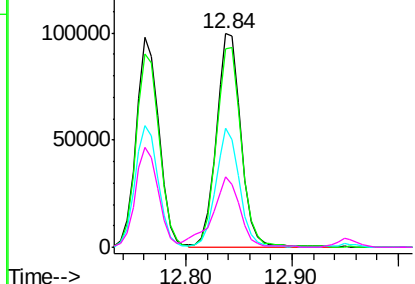
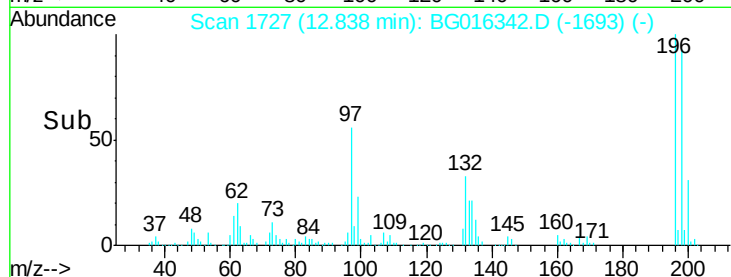
#43
 2,4,5-Trichlorophenol
 Concen: 42.95 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion:	196	Resp:	160764
Ion	Ratio	Lower	Upper
196	100		
198	93.0	77.1	115.7
97	55.8	46.6	69.8
132	33.2	27.0	40.6

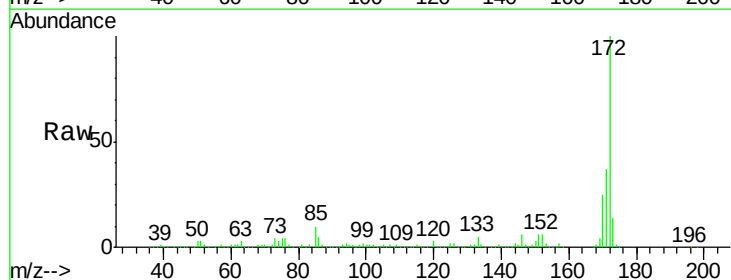


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

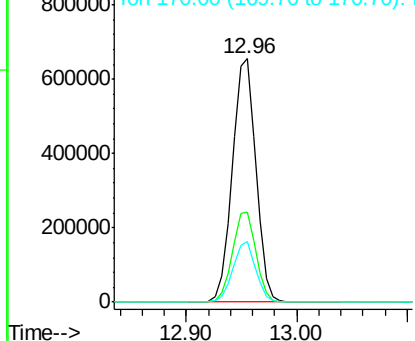
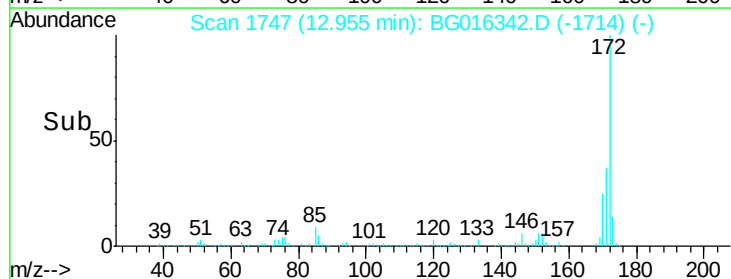


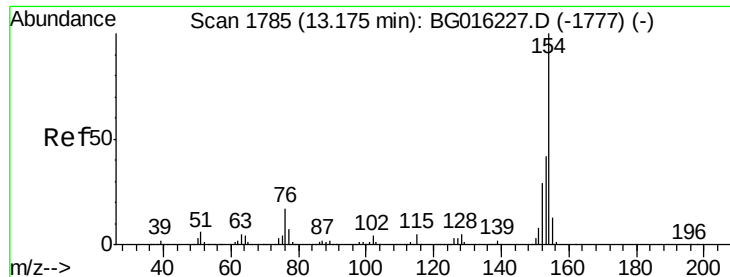
#44
 2-Fluorobiphenyl
 Concen: 78.11 ng
 RT: 12.96 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:	172	Resp:	982243
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.7	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

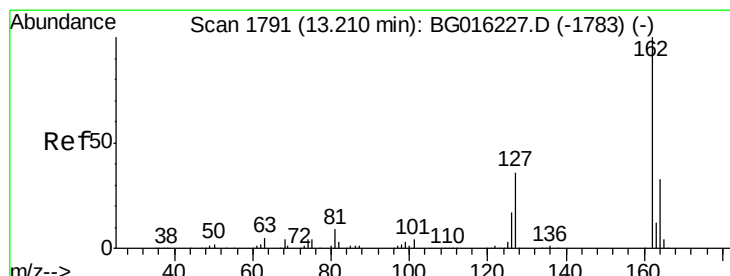
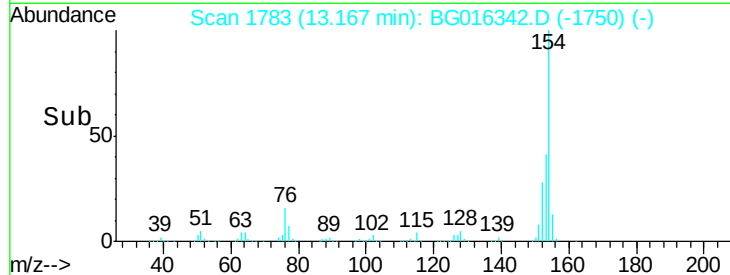
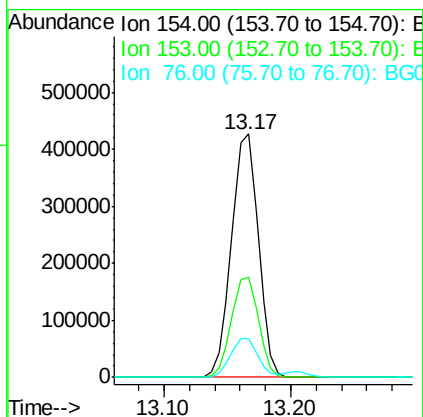
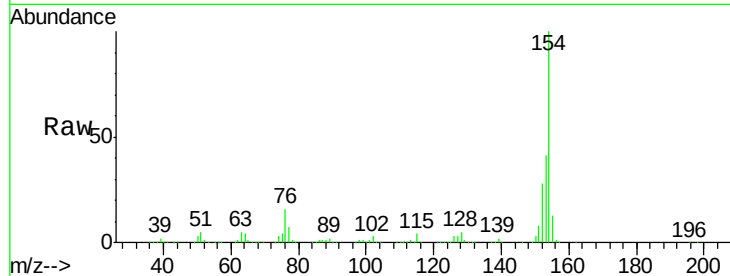




#45
 1,1'-Biphenyl
 Concen: 38.03 ng
 RT: 13.17 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

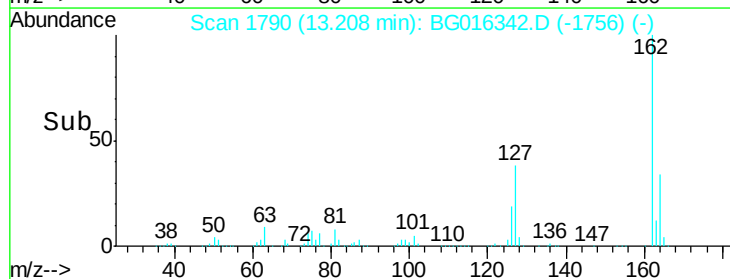
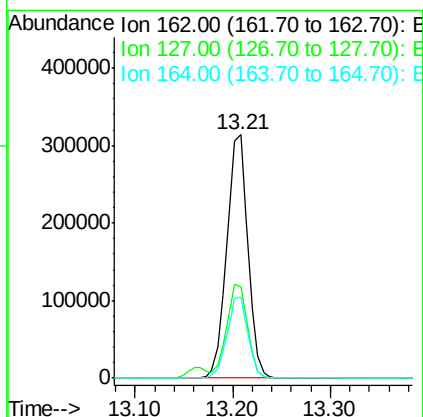
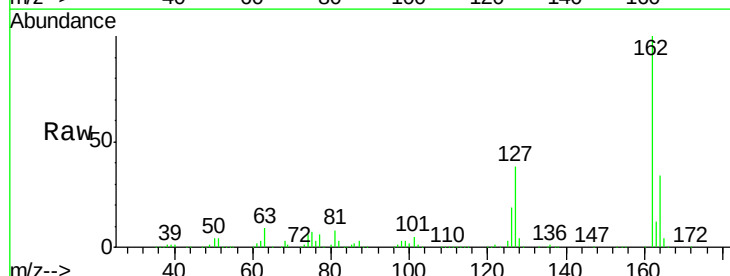
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

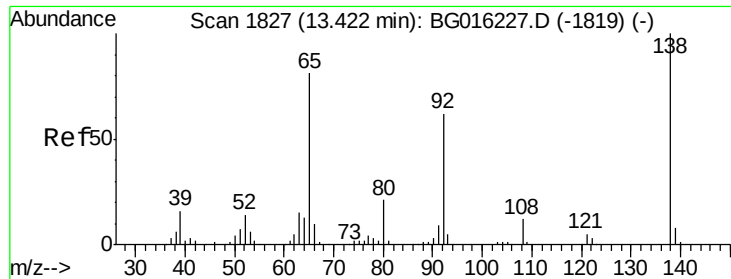
Tgt Ion:	154	Resp:	624599
Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.4	62.4
76	16.0	0.0	37.1



#46
 2-Chloronaphthalene
 Concen: 37.44 ng
 RT: 13.21 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:	162	Resp:	468445
Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.8	46.2
164	33.5	26.6	40.0

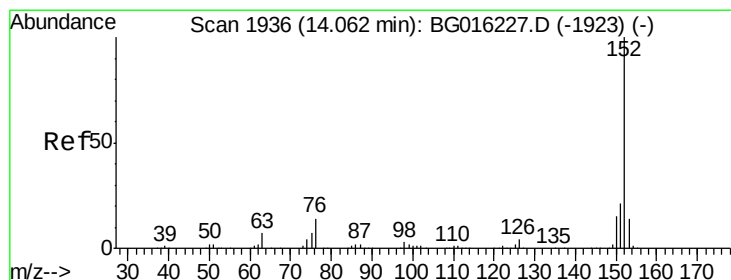
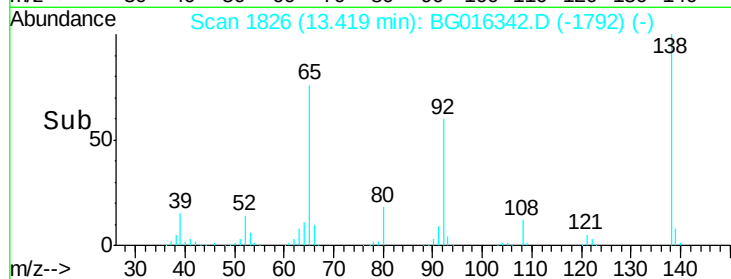
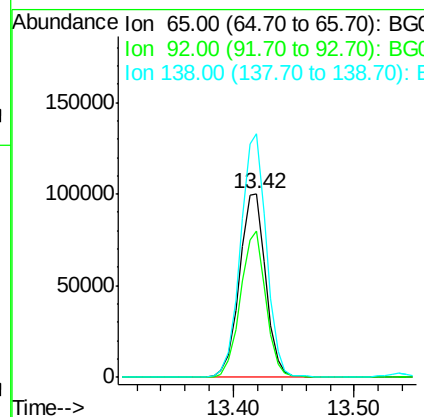
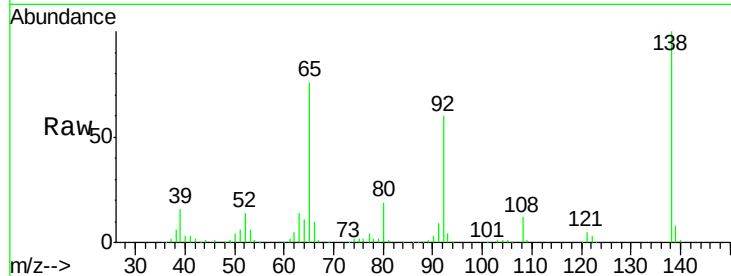




#47
 2-Nitroaniline
 Concen: 37.66 ng
 RT: 13.42 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

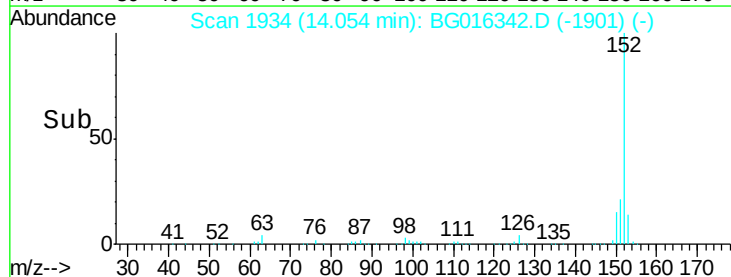
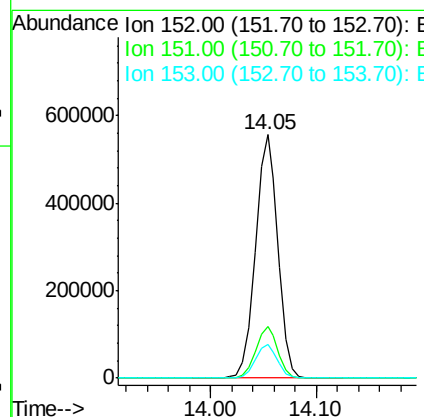
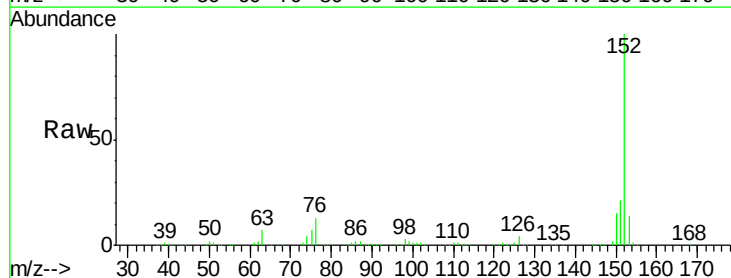
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

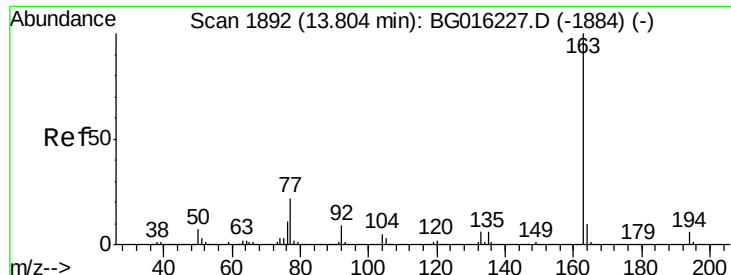
Tgt Ion: 65 Resp: 151884
 Ion Ratio Lower Upper
 65 100
 92 79.7 61.0 91.6
 138 132.4 98.7 148.1



#48
 Acenaphthylene
 Concen: 36.79 ng
 RT: 14.05 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion: 152 Resp: 818554
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.5 24.7
 153 13.6 11.1 16.7





#49

Dimethylphthalate

Concen: 38.42 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

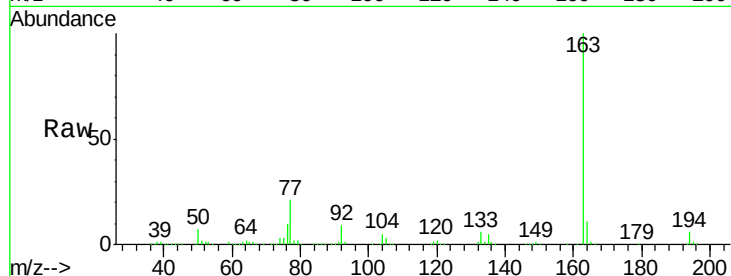
Tgt Ion:163 Resp: 602970

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

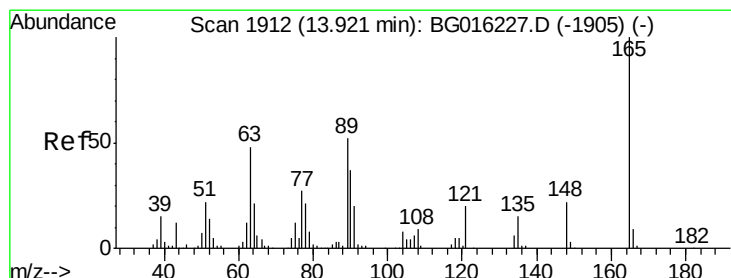
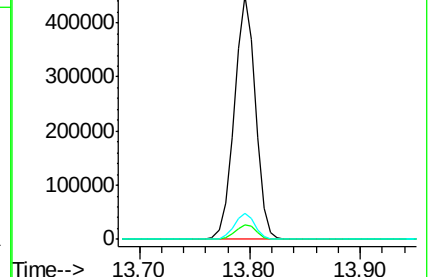
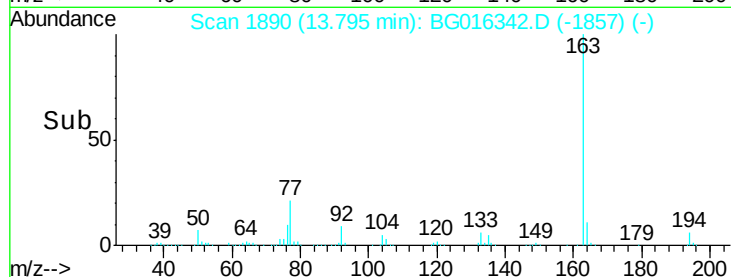
164 10.5 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 39.97 ng

RT: 13.92 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

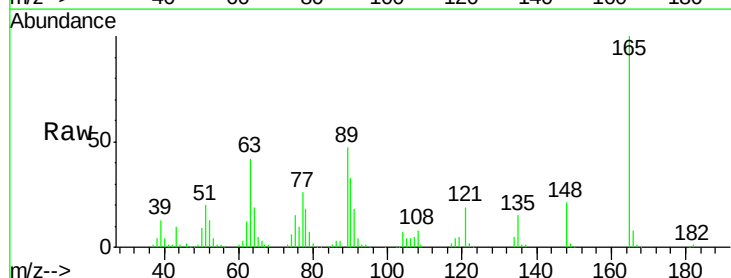
Tgt Ion:165 Resp: 151694

Ion Ratio Lower Upper

165 100

63 41.7 39.3 58.9

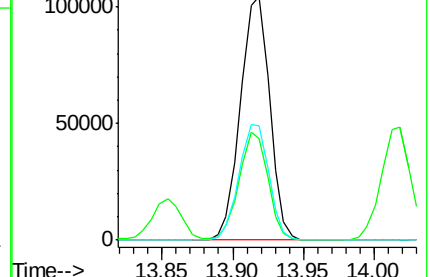
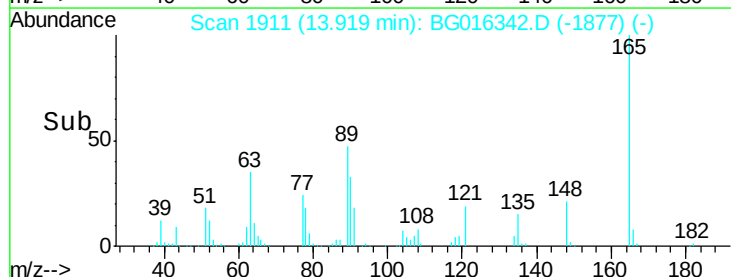
89 46.9 41.3 61.9

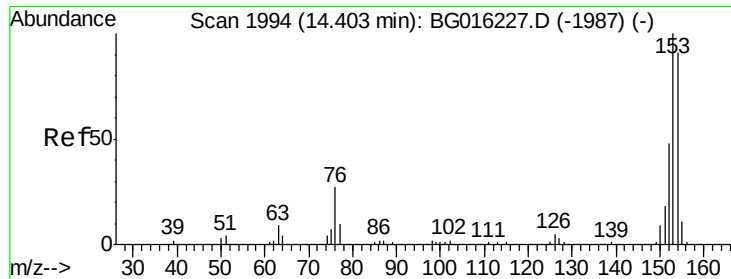


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 37.22 ng

RT: 14.39 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

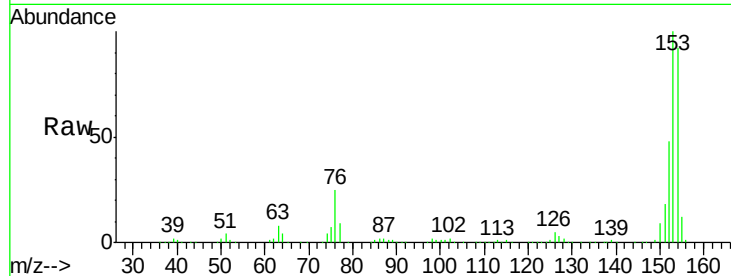
Tgt Ion:154 Resp: 494891

Ion Ratio Lower Upper

154 100

153 108.5 87.5 131.3

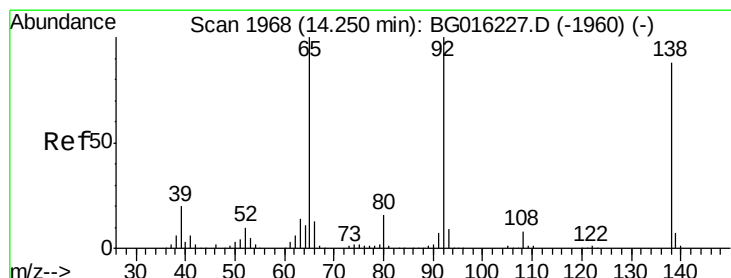
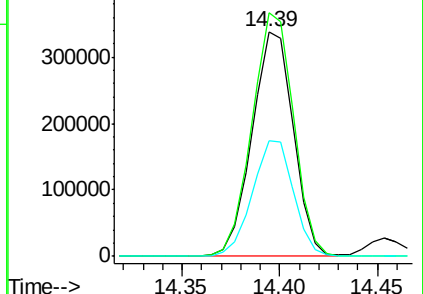
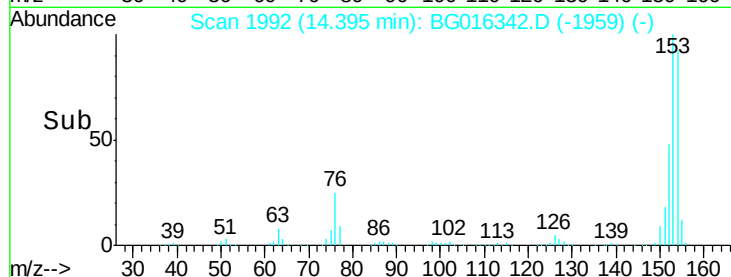
152 51.7 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.76 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

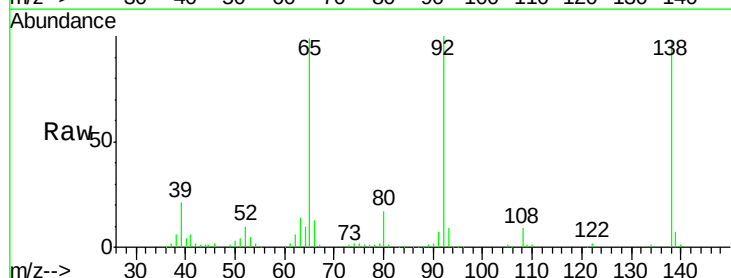
Tgt Ion:138 Resp: 110291

Ion Ratio Lower Upper

138 100

108 9.1 7.4 11.0

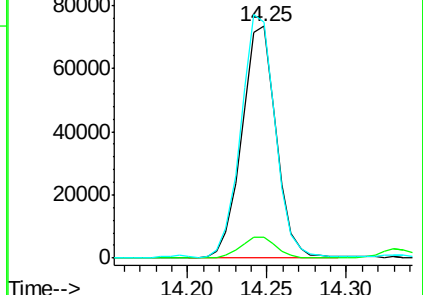
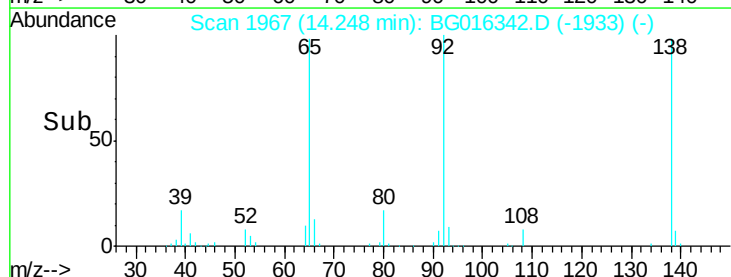
92 102.0 91.4 137.0

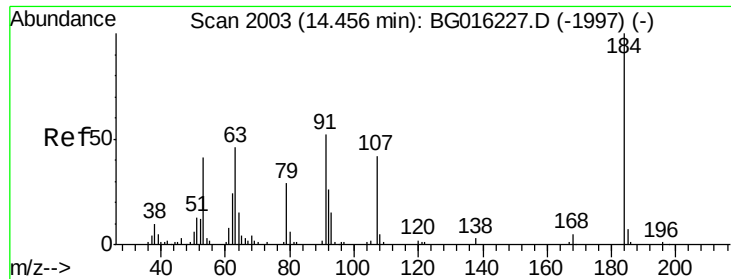


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

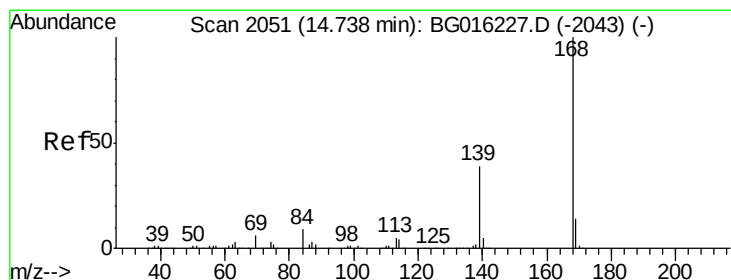
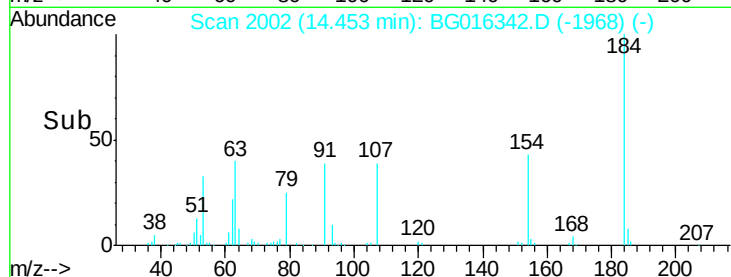
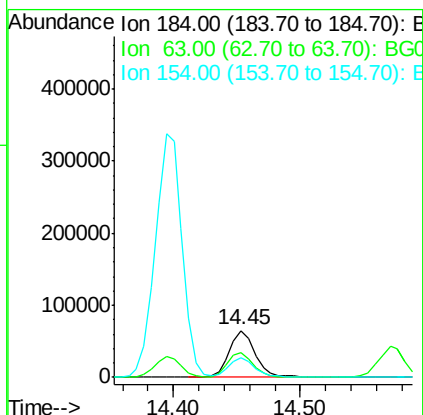
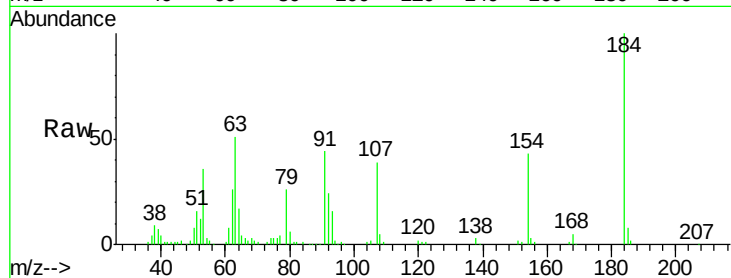




#53
2,4-Dinitrophenol
Concen: 46.30 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

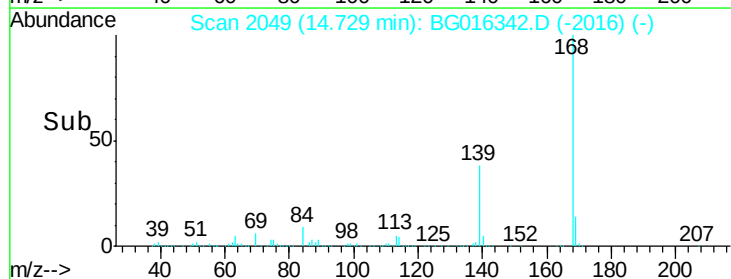
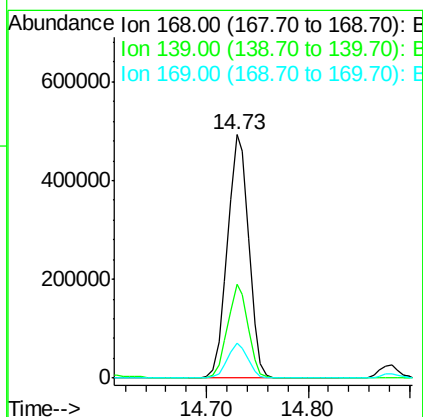
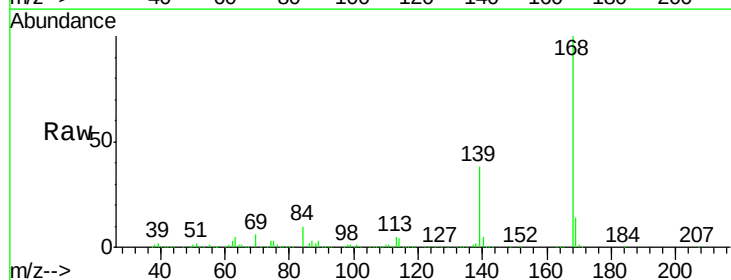
Instrument :
BNA_G
ClientSampleId :
PB82675BS

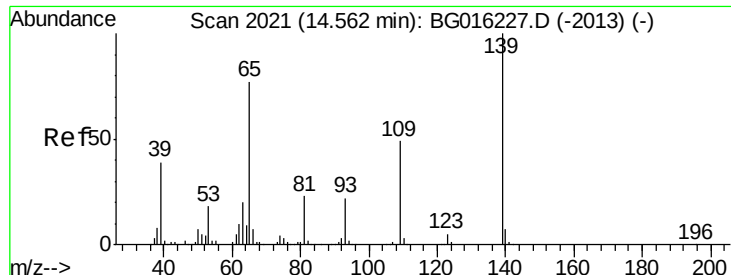
Tgt Ion:184 Resp: 93180
Ion Ratio Lower Upper
184 100
63 51.5 45.8 68.6
154 42.9 34.5 51.7



#54
Dibenzofuran
Concen: 38.86 ng
RT: 14.73 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:168 Resp: 717033
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6
169 14.1 11.2 16.8

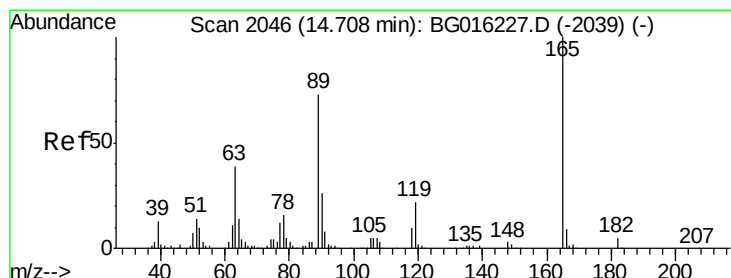
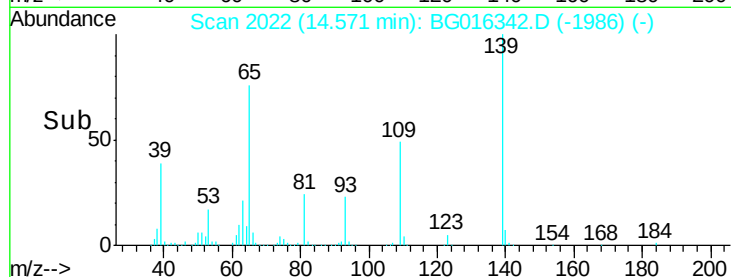
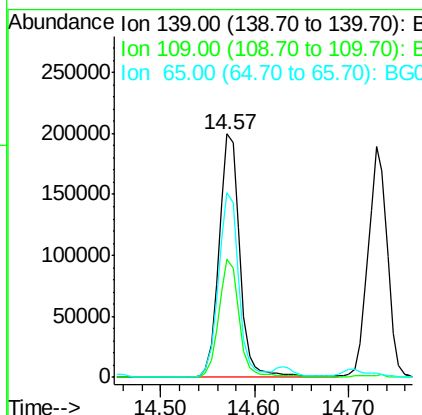
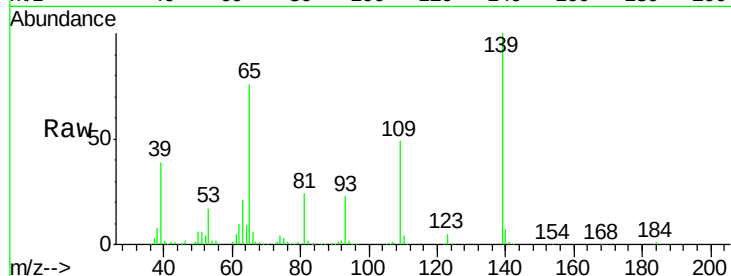




#55
4-Nitrophenol
Concen: 77.51 ng
RT: 14.57 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

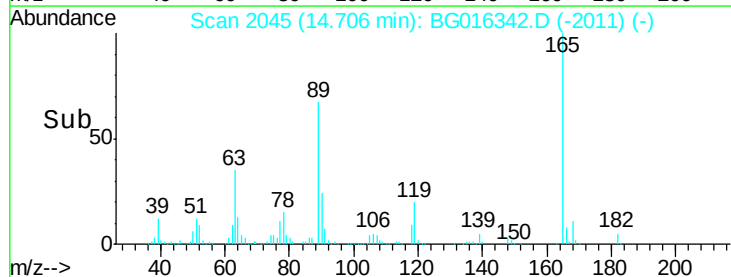
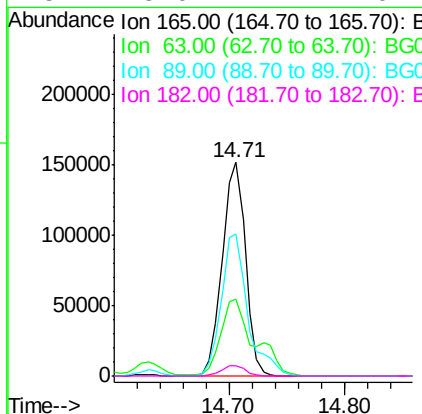
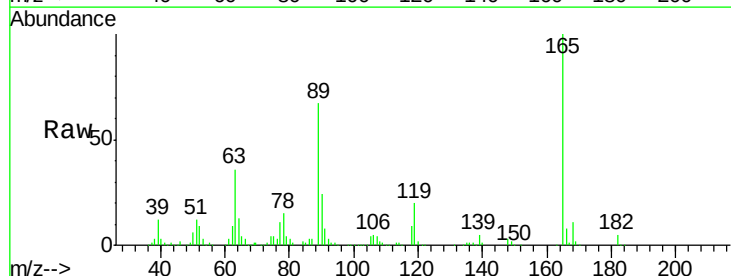
Instrument :
BNA_G
ClientSampleID :
PB82675BS

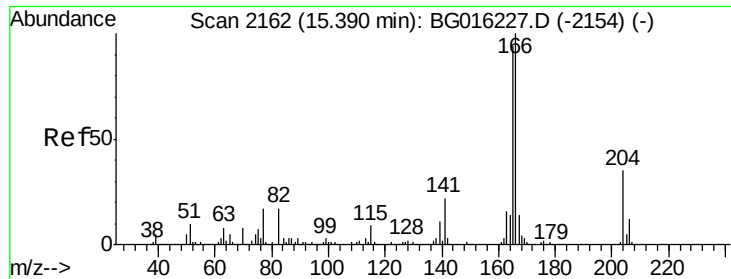
Tgt Ion:139 Resp: 310463
Ion Ratio Lower Upper
139 100
109 48.5 28.5 68.5
65 76.1 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 40.93 ng
RT: 14.71 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:165 Resp: 211600
Ion Ratio Lower Upper
165 100
63 35.8 31.4 47.2
89 66.5 58.8 88.2
182 5.0 4.1 6.1





#57

Fluorene

Concen: 38.52 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

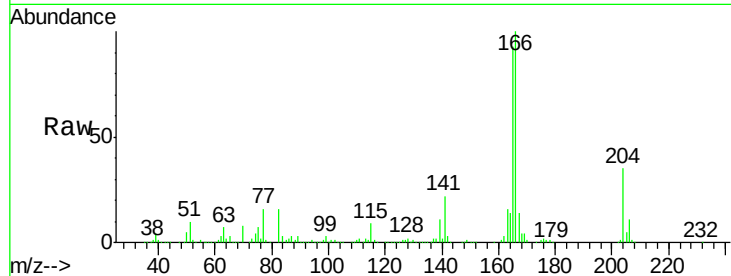
Tgt Ion:166 Resp: 626964

Ion Ratio Lower Upper

166 100

165 93.4 75.2 112.8

167 14.1 11.3 16.9

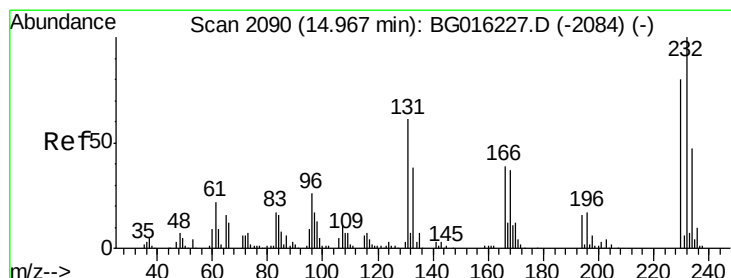
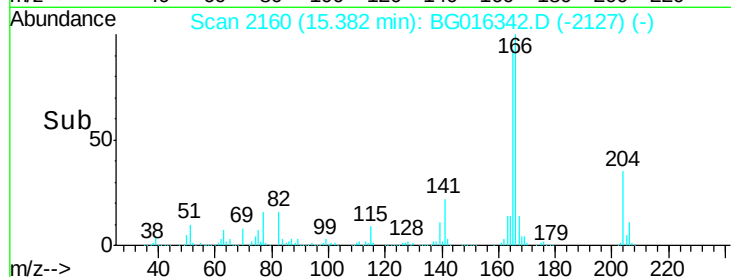
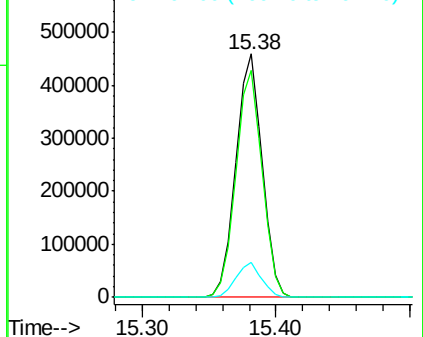


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.30 ng

RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Tgt Ion:232 Resp: 127970

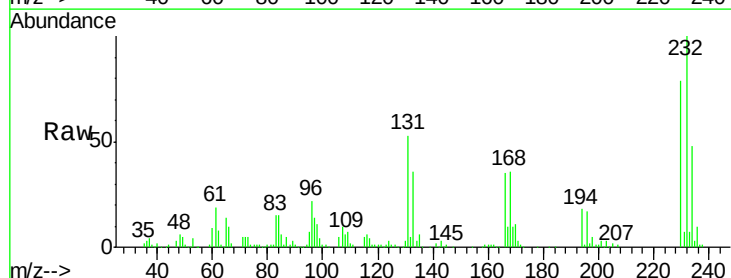
Ion Ratio Lower Upper

232 100

131 55.9 49.8 74.6

130 2.9 2.6 3.8

166 36.0 30.6 45.8



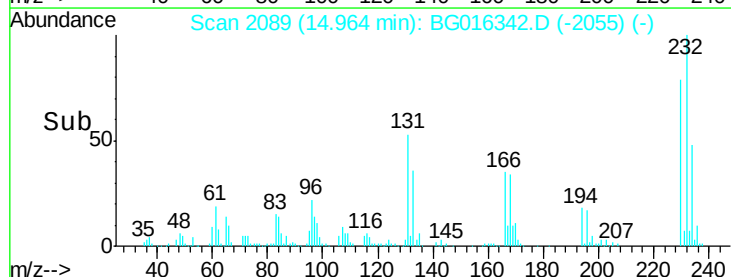
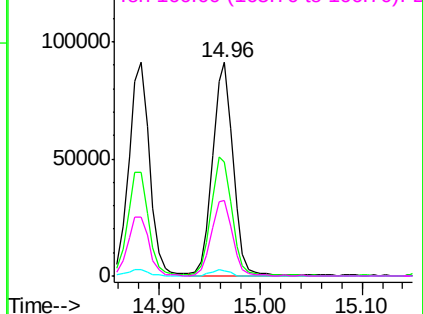
Abundance

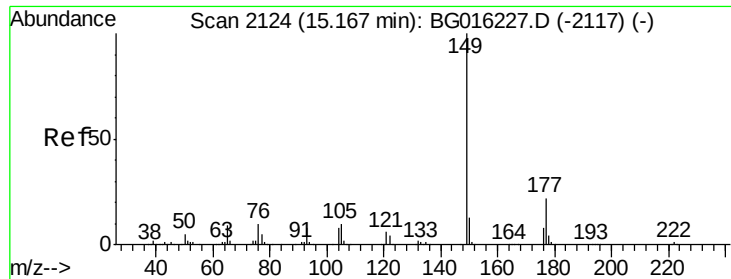
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

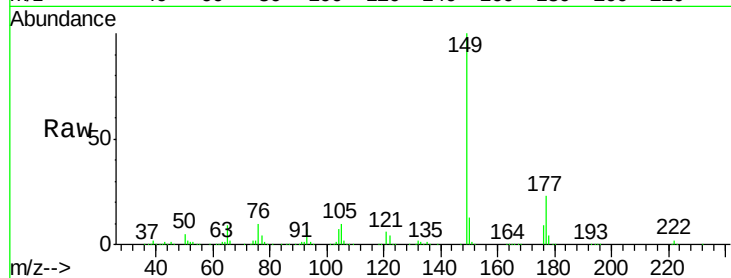




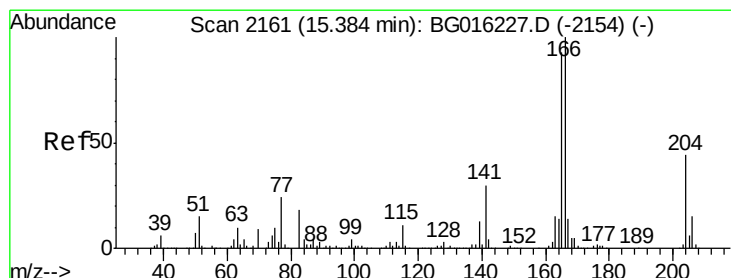
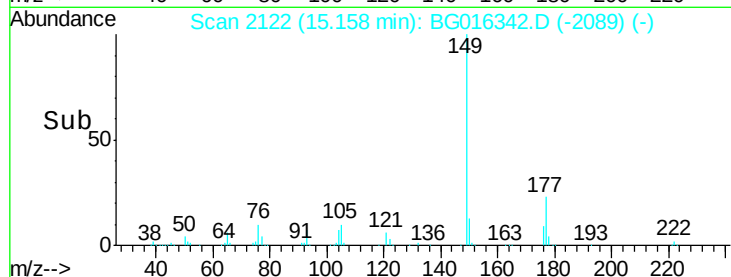
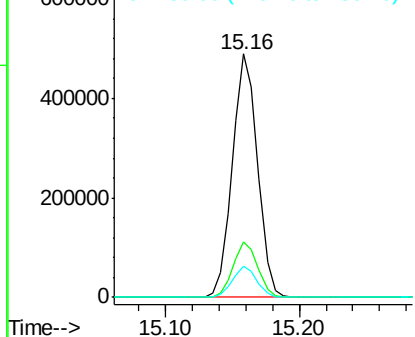
#59
Diethylphthalate
Concen: 38.44 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Instrument :
BNA_G
ClientSampleId :
PB82675BS

Tgt Ion:149 Resp: 642042
Ion Ratio Lower Upper
149 100
177 22.9 17.7 26.5
150 12.8 10.0 15.0

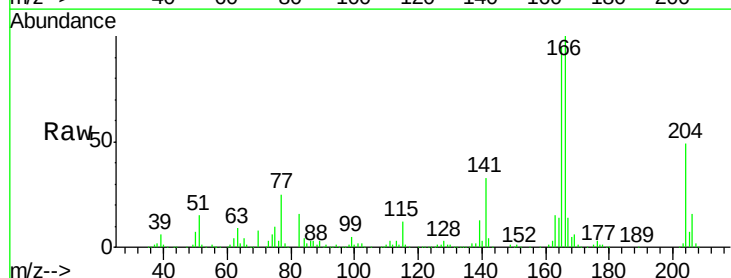


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

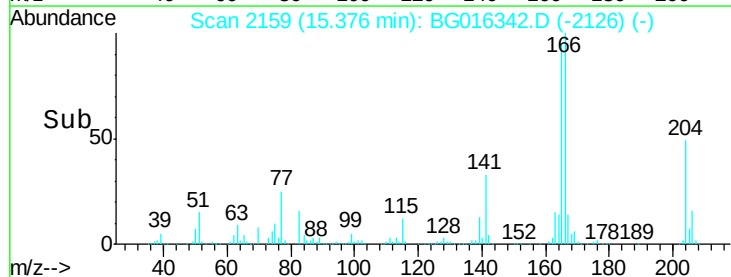
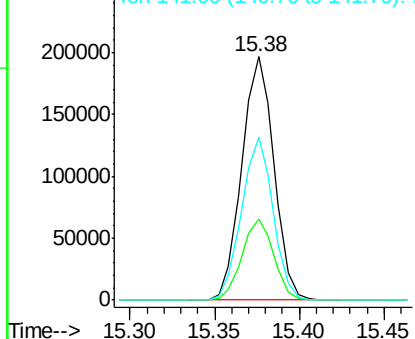


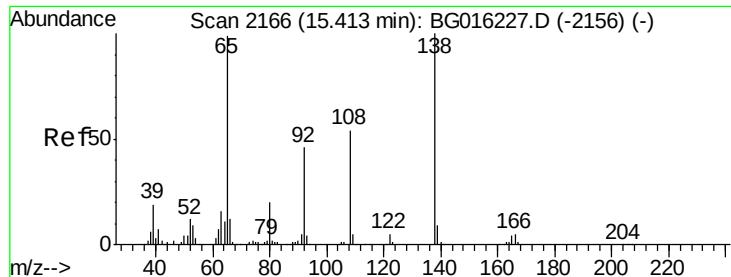
#60
4-Chlorophenyl-phenylether
Concen: 39.12 ng
RT: 15.38 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion:204 Resp: 260478
Ion Ratio Lower Upper
204 100
206 33.4 27.6 41.4
141 66.8 55.4 83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.39 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

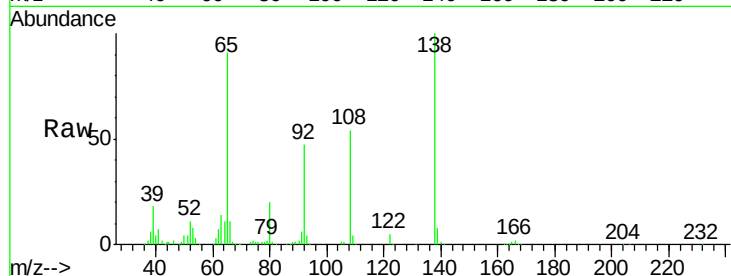
Tgt Ion:138 Resp: 189191

Ion Ratio Lower Upper

138 100

92 47.2 26.3 66.3

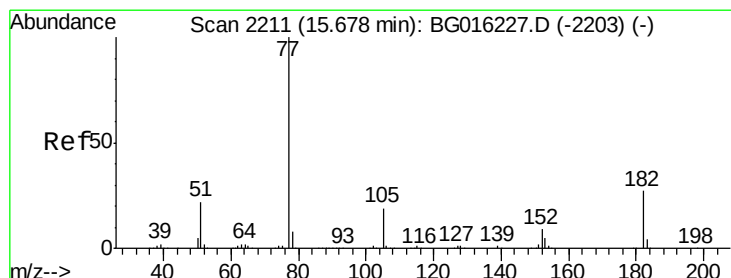
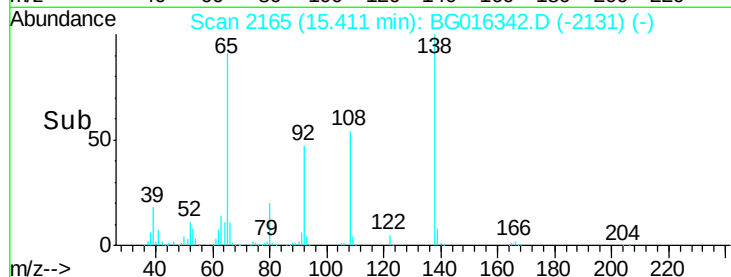
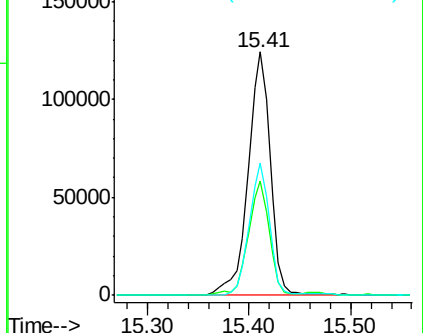
108 54.3 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.67 ng

RT: 15.67 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Tgt Ion: 77 Resp: 652016

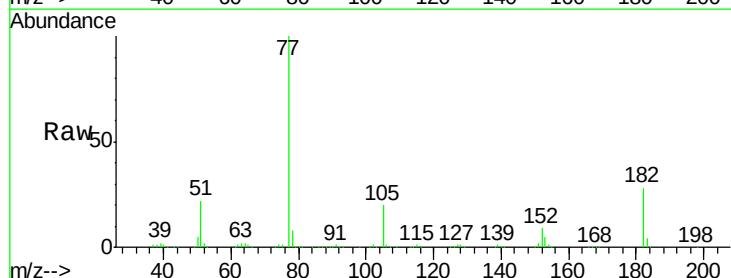
Ion Ratio Lower Upper

77 100

182 28.1 6.6 46.6

105 19.9 0.0 39.2

51 22.1 2.0 42.0

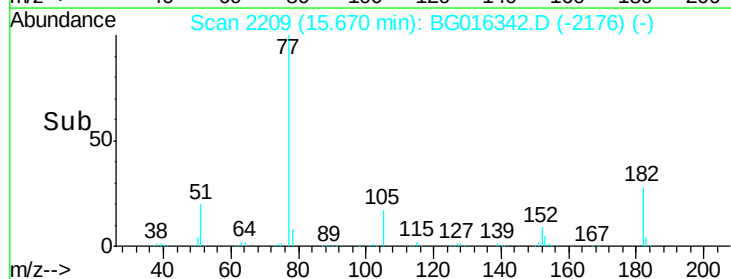
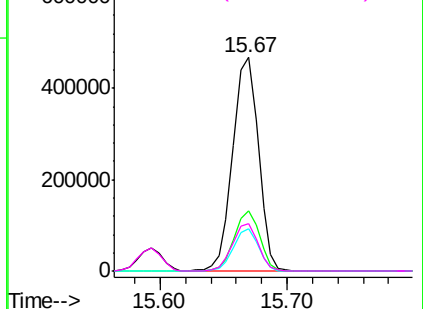


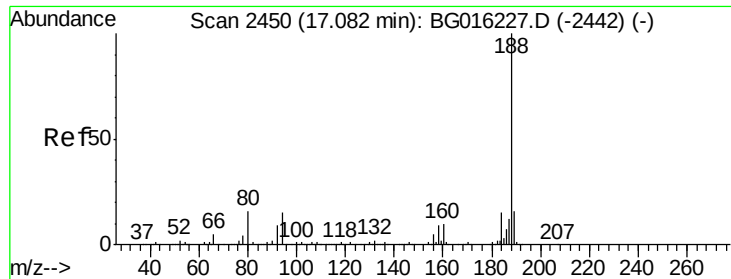
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

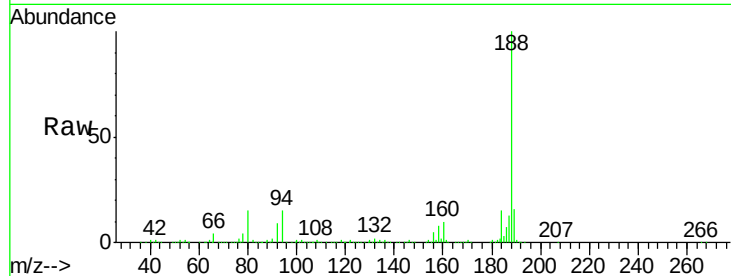
Tgt Ion:188 Resp: 440341

Ion Ratio Lower Upper

188 100

94 14.9 12.2 18.4

80 14.8 12.8 19.2



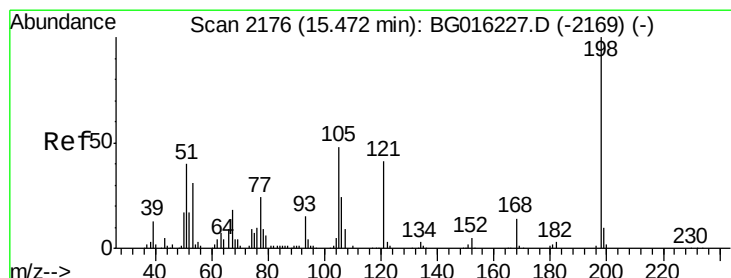
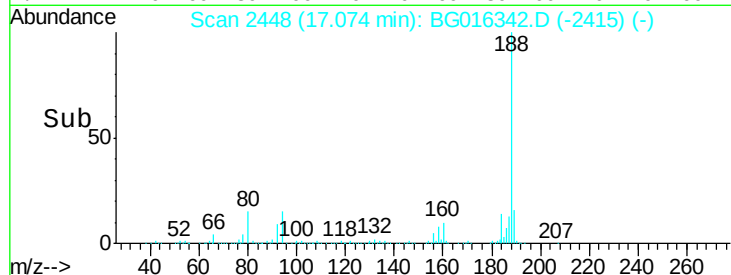
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.07

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.25 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

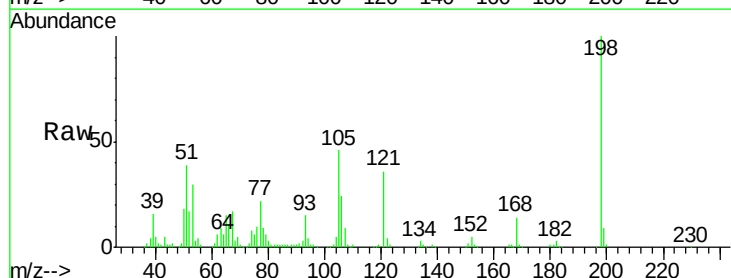
Tgt Ion:198 Resp: 92277

Ion Ratio Lower Upper

198 100

51 38.7 20.7 60.7

105 46.1 28.8 68.8



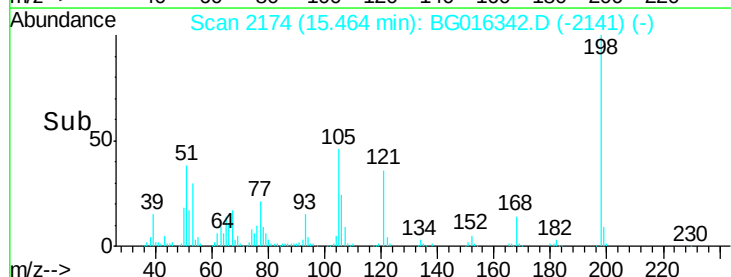
Abundance Ion 198.00 (197.70 to 198.70): E

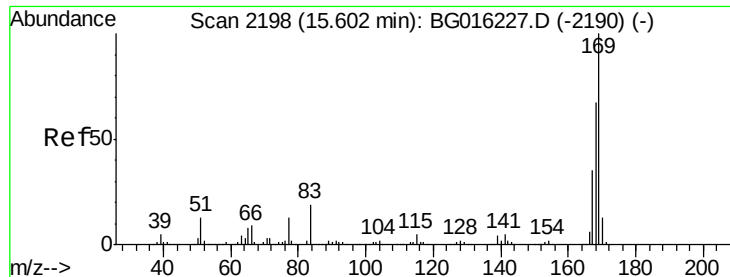
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.46

Time-->

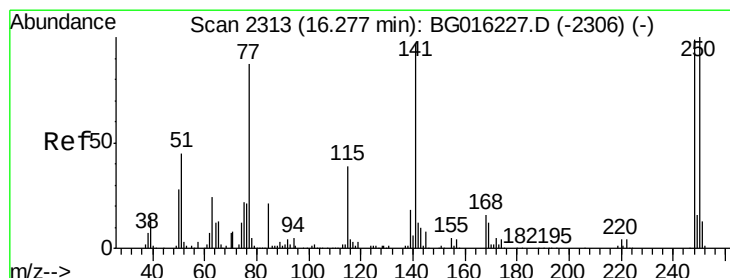
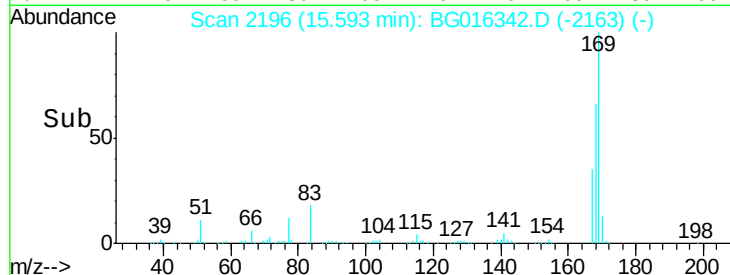
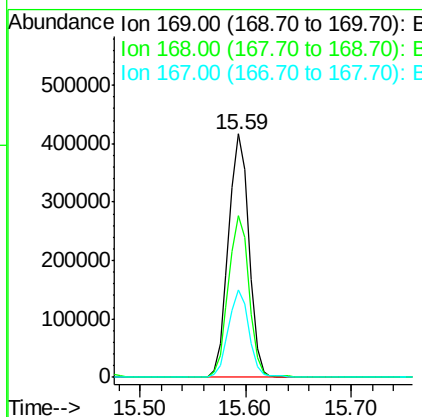
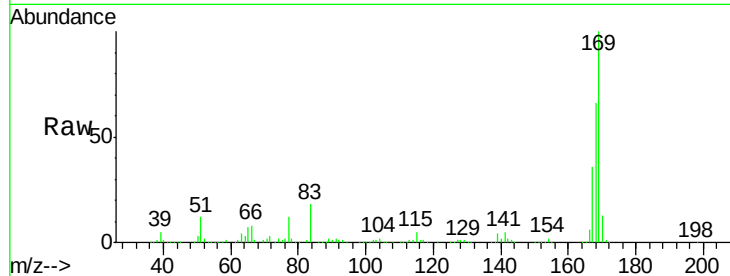




#65
 n-Nitrosodiphenylamine
 Concen: 37.33 ng
 RT: 15.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

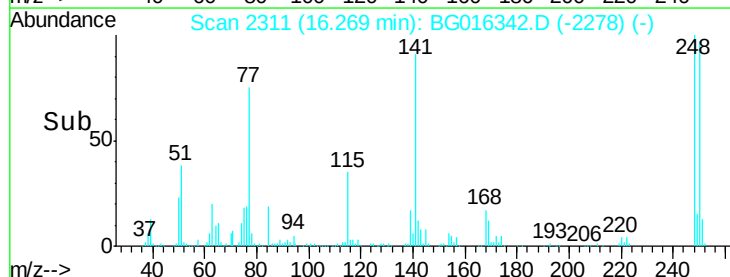
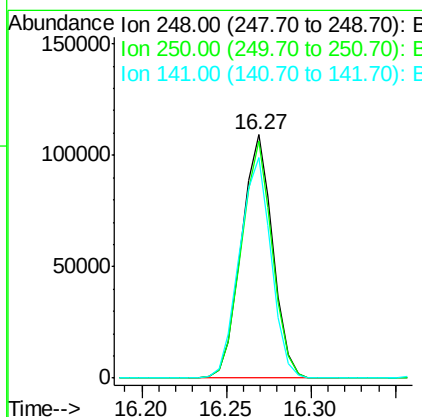
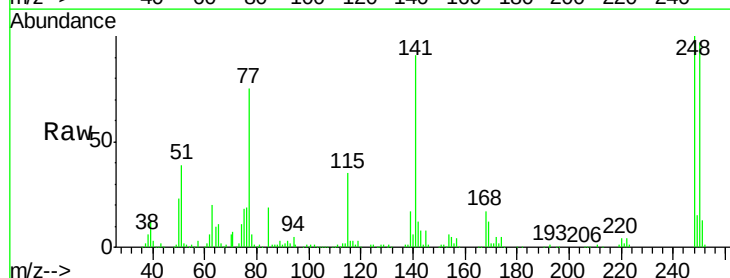
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

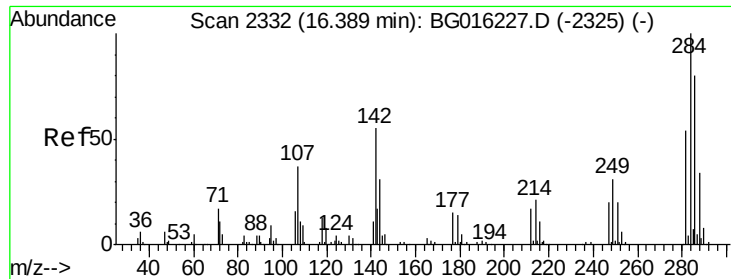
Tgt Ion:169 Resp: 555649
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 35.9 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 40.06 ng
 RT: 16.27 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:248 Resp: 140855
 Ion Ratio Lower Upper
 248 100
 250 97.3 80.5 120.7
 141 90.8 78.2 117.4

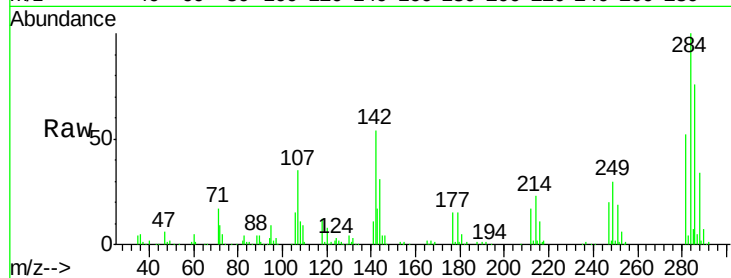




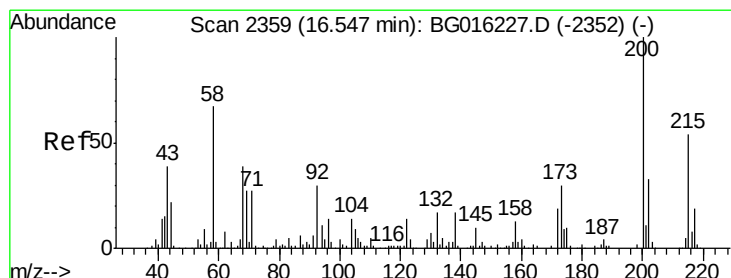
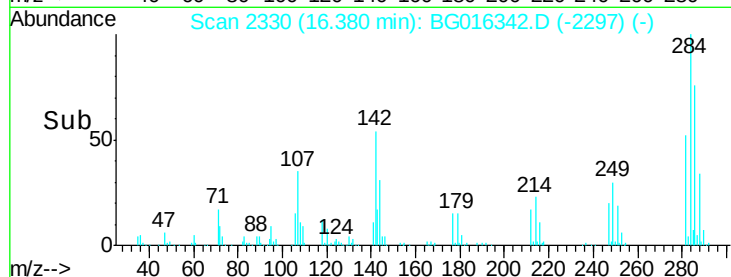
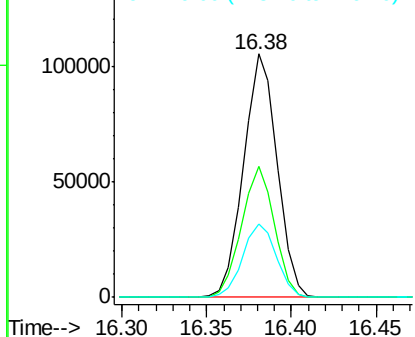
#67
 Hexachlorobenzene
 Concen: 39.86 ng
 RT: 16.38 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	54.0	44.2	66.2
249	30.2	24.8	37.2

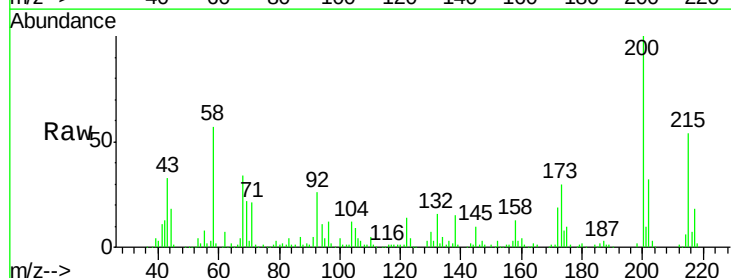


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

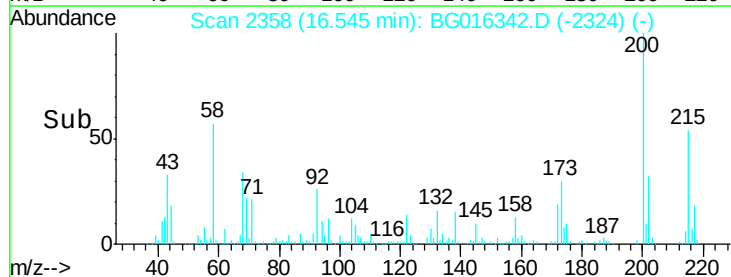
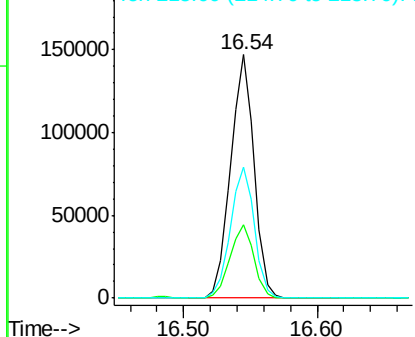


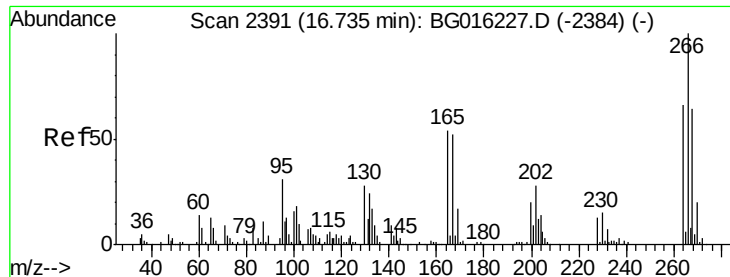
#68
 Atrazine
 Concen: 43.66 ng
 RT: 16.54 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.1	10.2	50.2
215	54.0	34.4	74.4



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

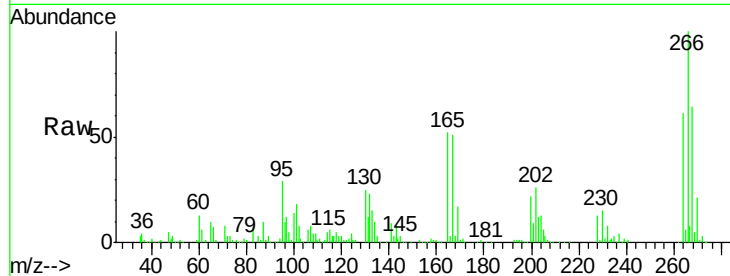




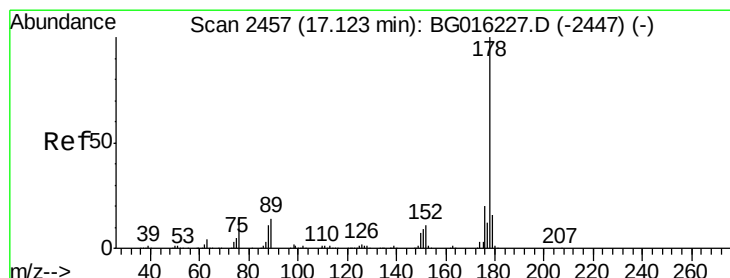
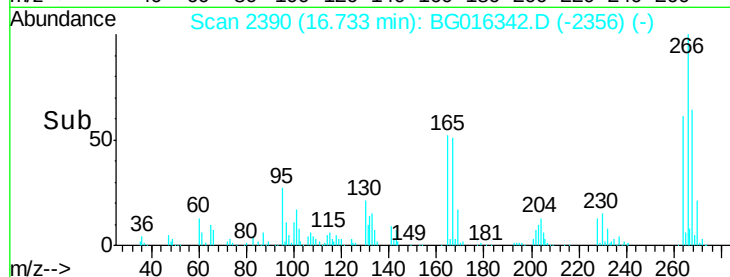
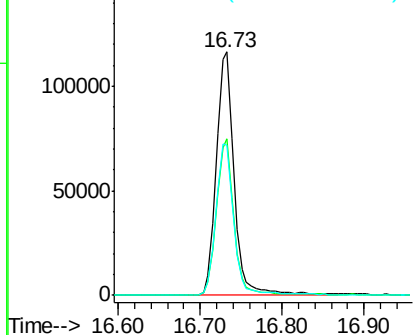
#69
 Pentachlorophenol
 Concen: 80.13 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.9	76.3
264	61.5	52.8	79.2

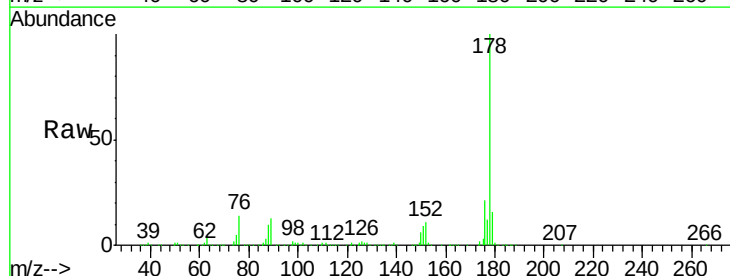


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

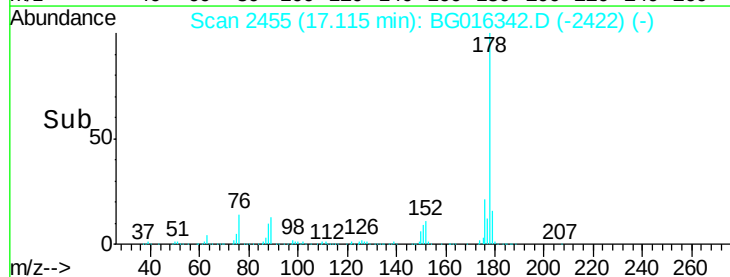
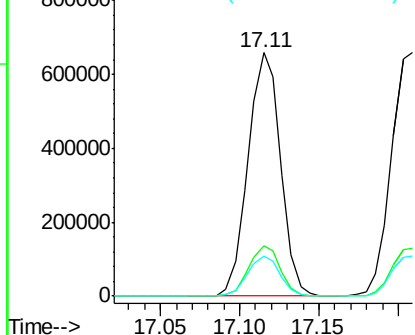


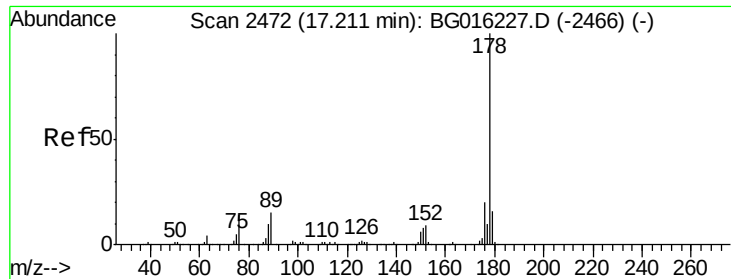
#70
 Phenanthrene
 Concen: 37.83 ng
 RT: 17.11 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.5	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

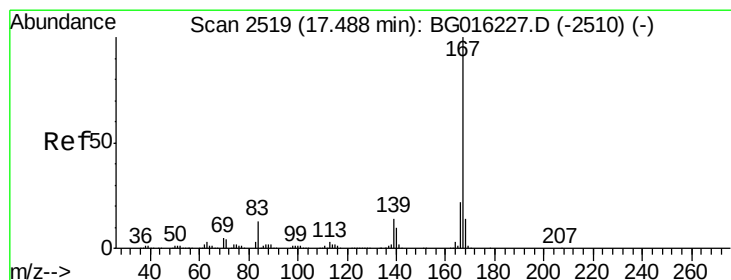
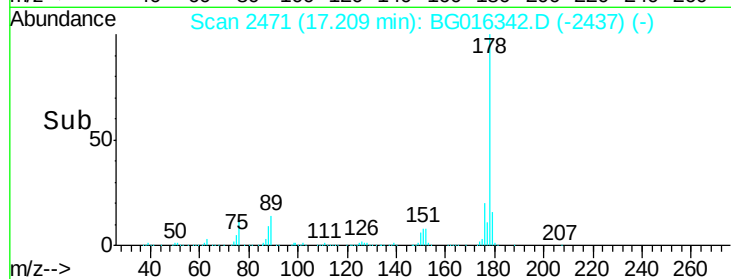
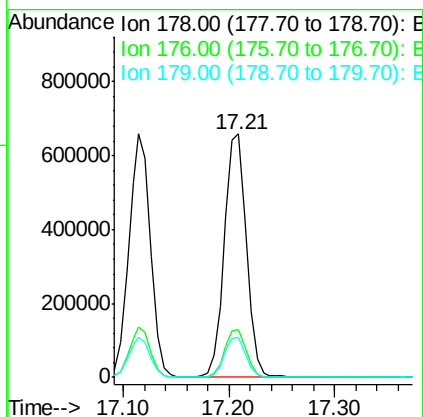
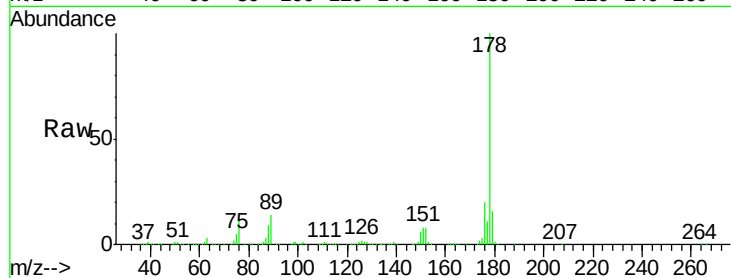




#71
 Anthracene
 Concen: 38.65 ng
 RT: 17.21 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

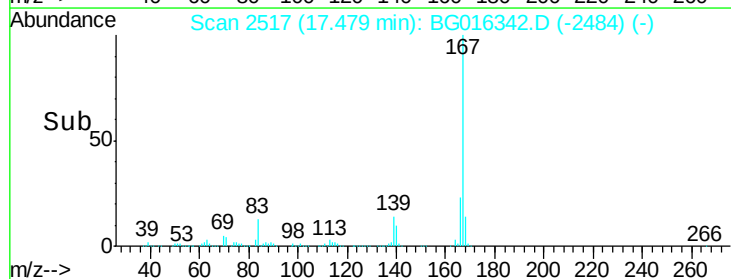
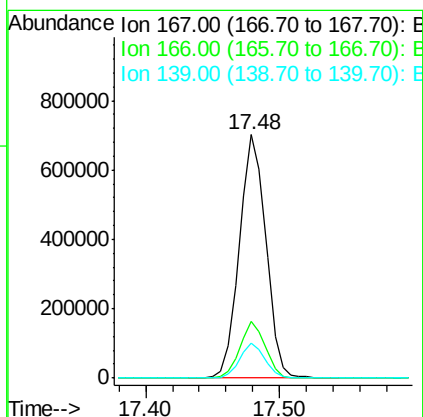
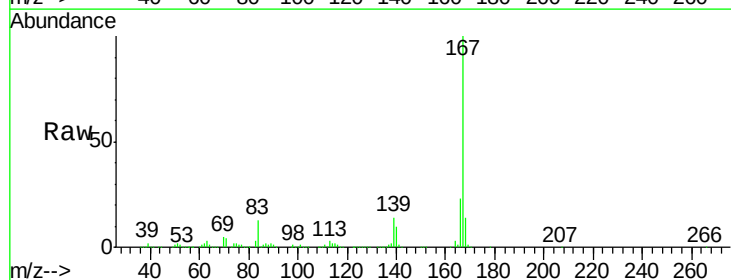
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

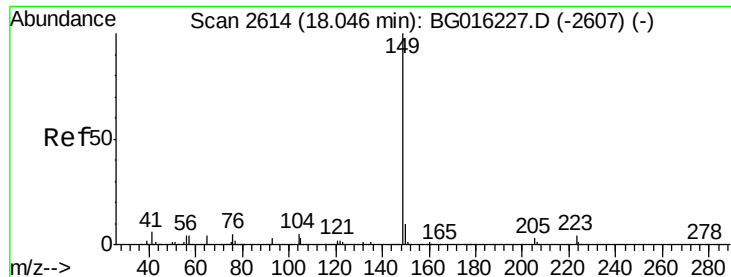
Tgt Ion:178 Resp: 948757
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.3 13.0 19.6



#72
 Carbazole
 Concen: 39.06 ng
 RT: 17.48 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:167 Resp: 962263
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.9 26.9
 139 14.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 39.85 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

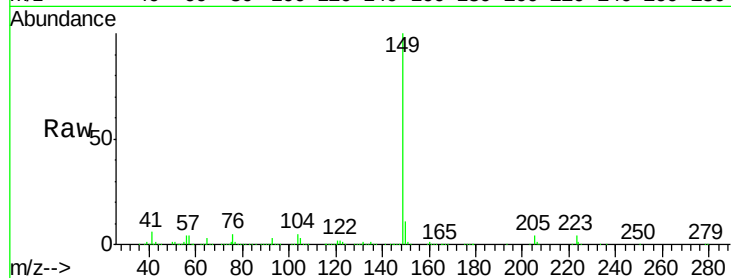
Tgt Ion:149 Resp: 1201332

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.4

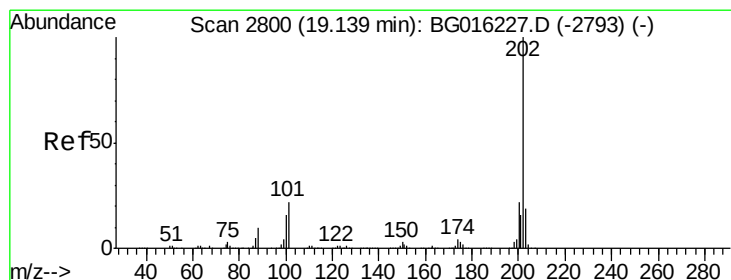
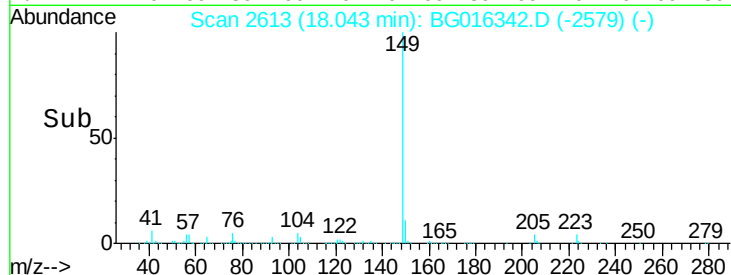
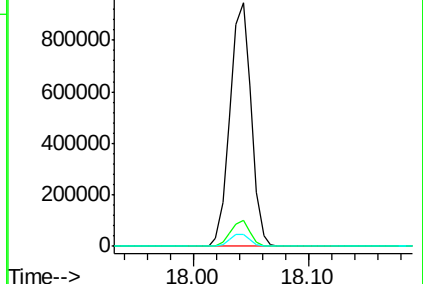
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.78 ng

RT: 19.13 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

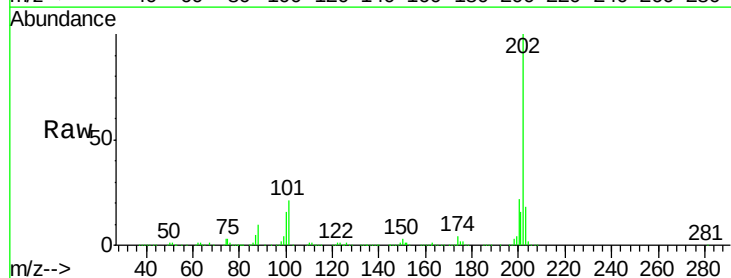
Tgt Ion:202 Resp: 1015466

Ion Ratio Lower Upper

202 100

101 21.1 1.7 41.7

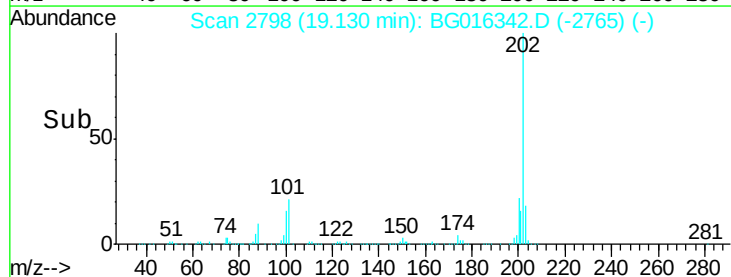
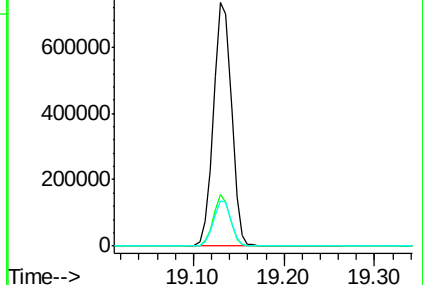
203 18.5 0.0 38.7

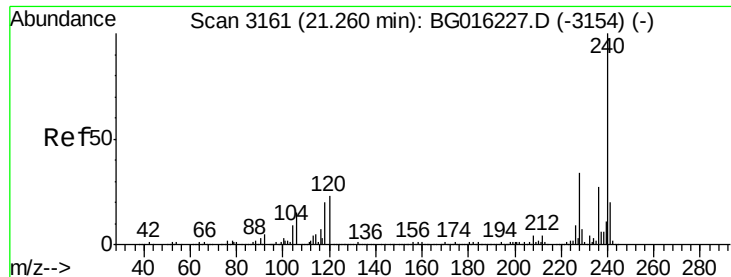


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

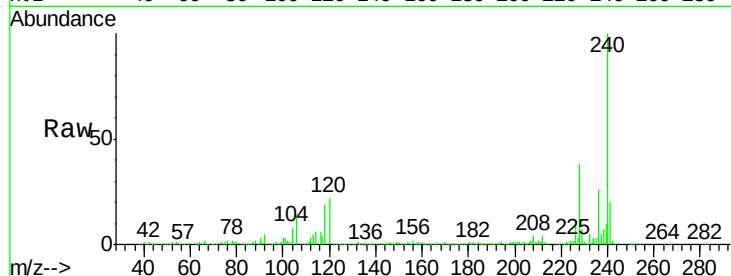
Tgt Ion:240 Resp: 382388

Ion Ratio Lower Upper

240 100

120 22.1 18.6 28.0

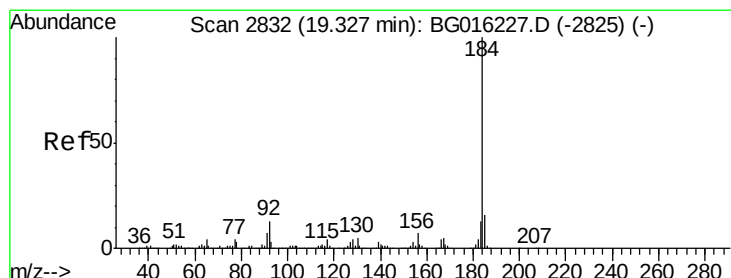
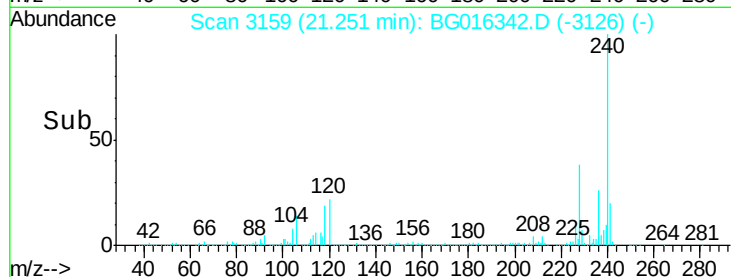
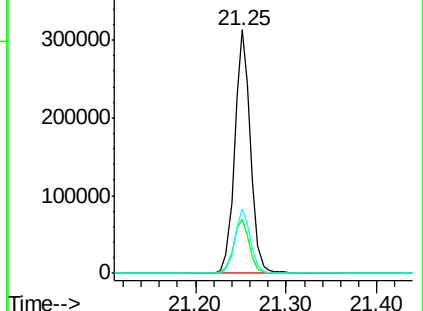
236 26.4 21.7 32.5



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



#76

Benzidine

Concen: 23.44 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

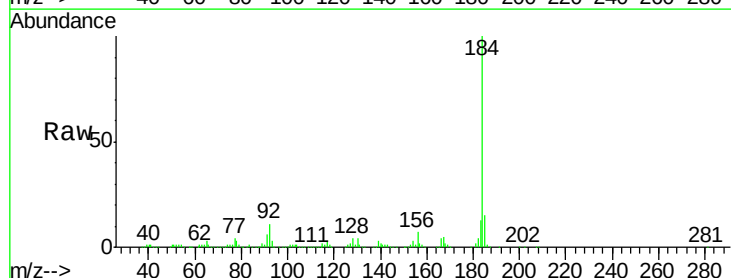
Tgt Ion:184 Resp: 380128

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

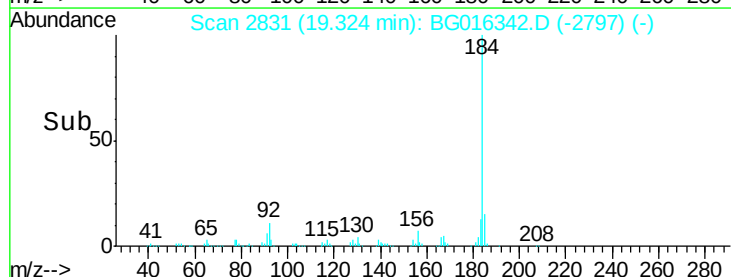
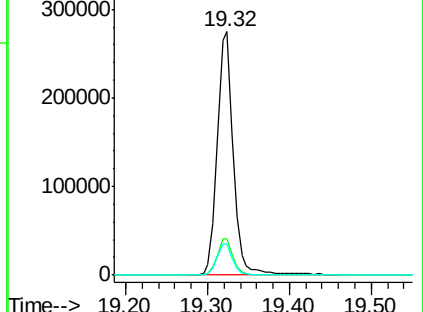
183 12.7 10.4 15.6

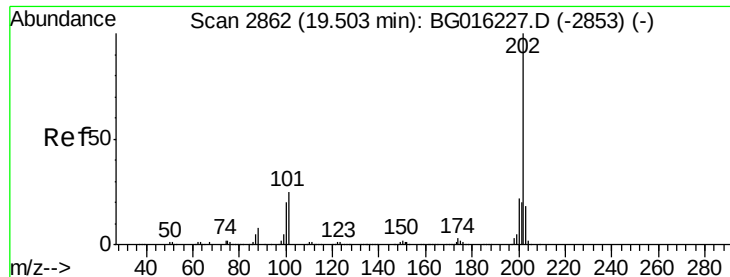


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.80 ng

RT: 19.49 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

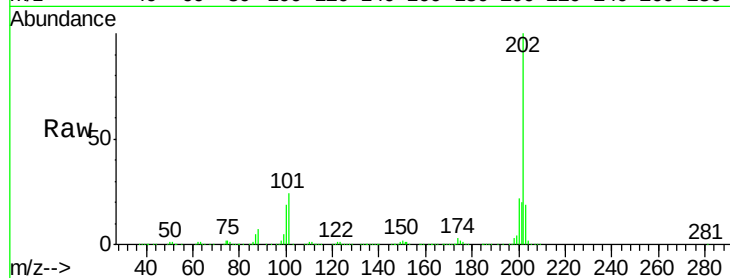
Tgt Ion:202 Resp: 1059820

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

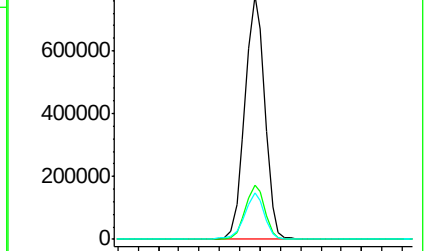
203 19.1 14.7 22.1



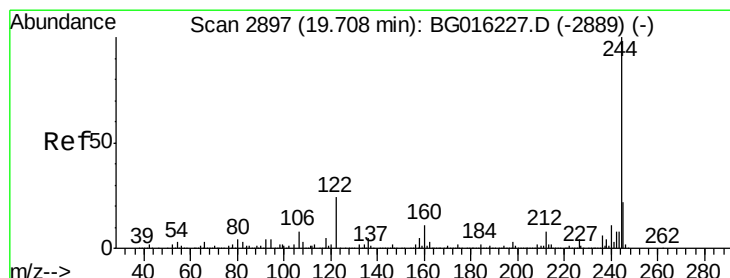
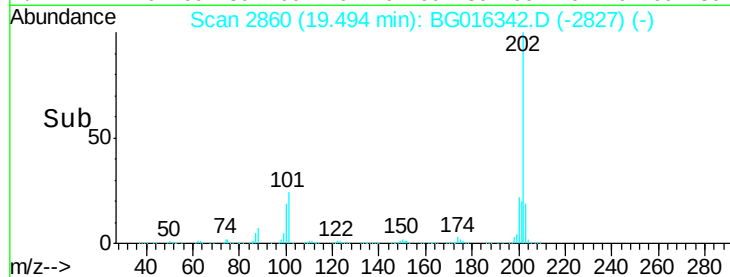
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 73.65 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

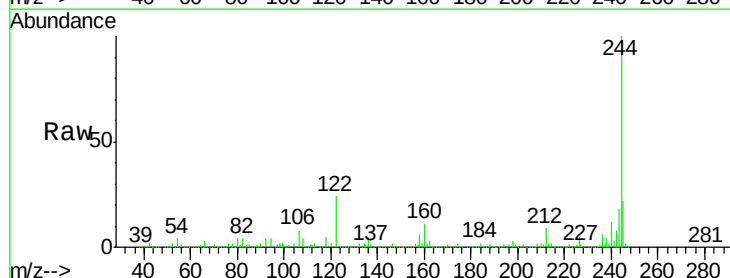
Tgt Ion:244 Resp: 1203393

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

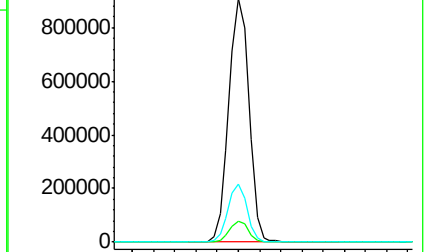
122 24.1 19.1 28.7



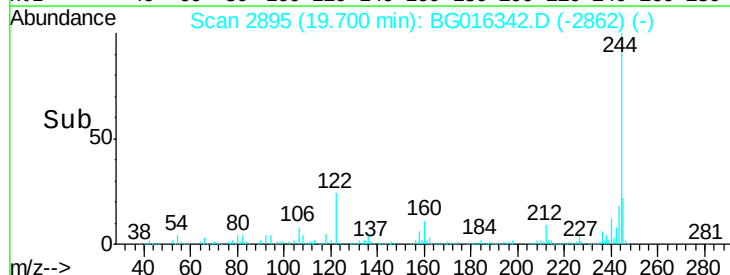
Abundance Ion 244.00 (243.70 to 244.70): E

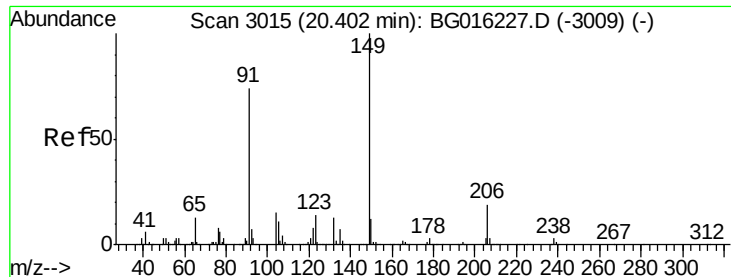
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

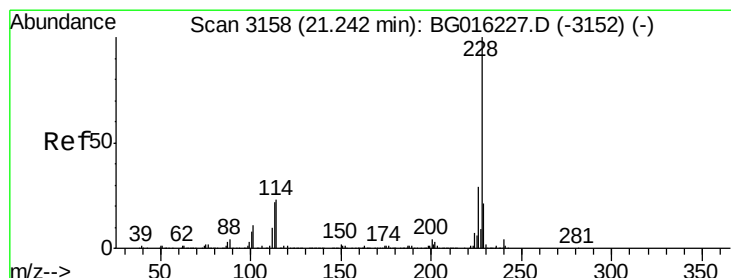
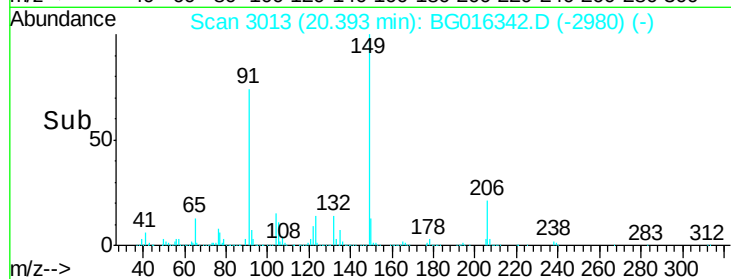
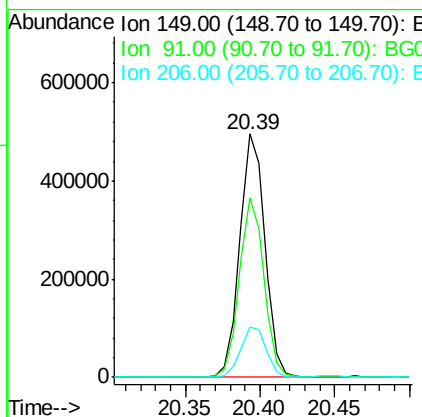
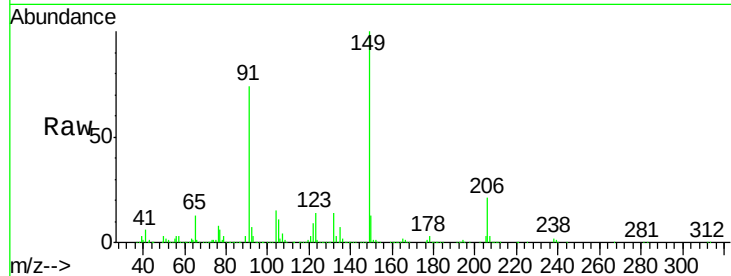




#79
Butylbenzylphthalate
Concen: 44.50 ng
RT: 20.39 min Scan# 3013
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

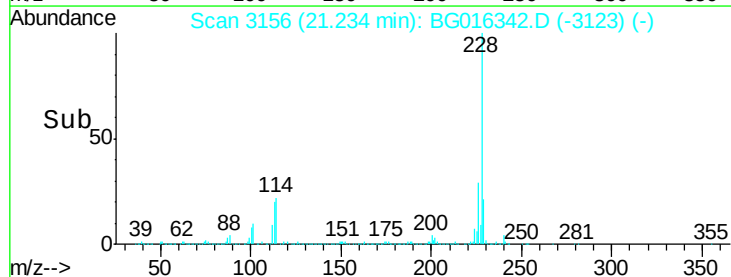
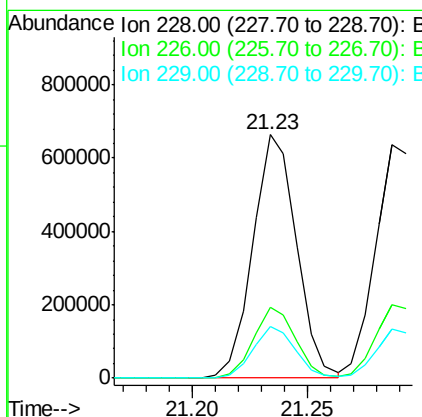
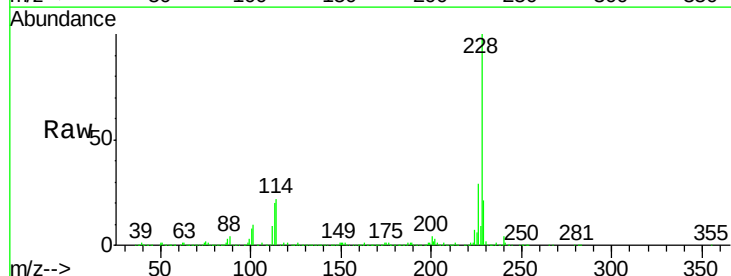
Instrument :
BNA_G
ClientSampleId :
PB82675BS

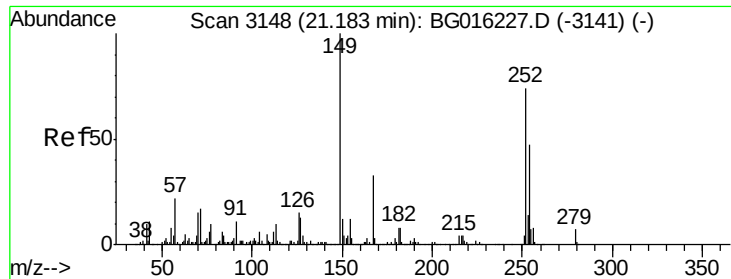
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.4	89.2
206	20.8	15.6	23.4



#80
Benzo(a)anthracene
Concen: 38.60 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016342.D
Acq: 11 Apr 2015 7:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.4	16.8	25.2

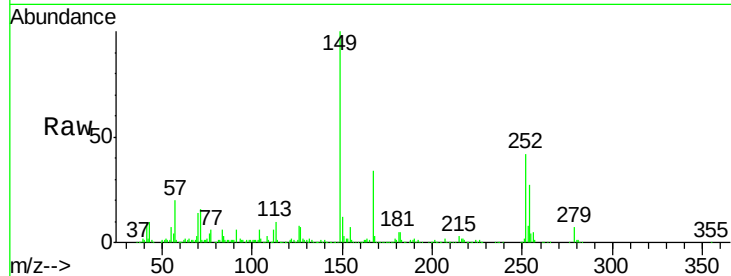




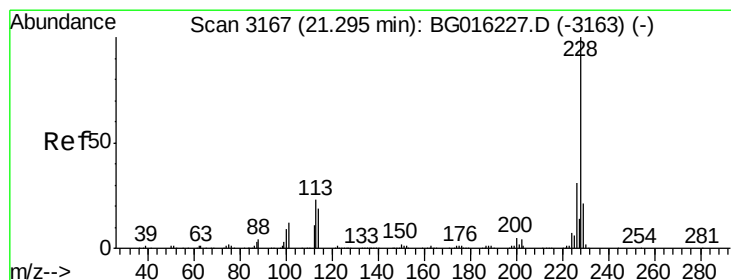
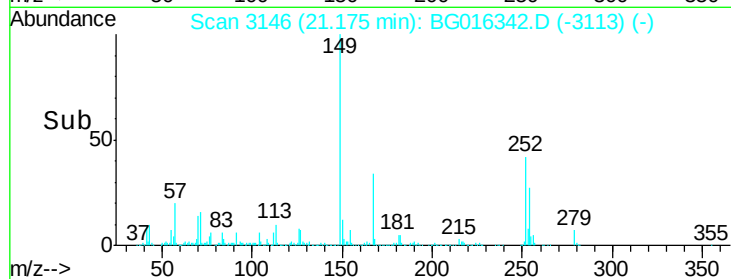
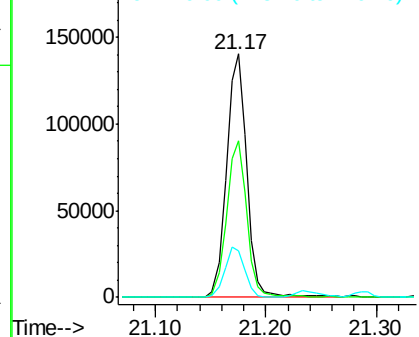
#81
 3,3'-Dichlorobenzidine
 Concen: 24.15 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

Tgt Ion:252 Resp: 179466
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 19.0 16.0 24.0

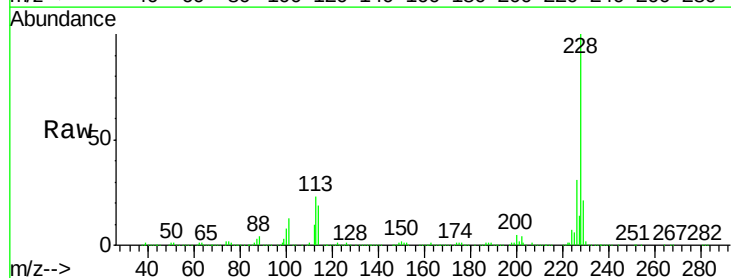


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

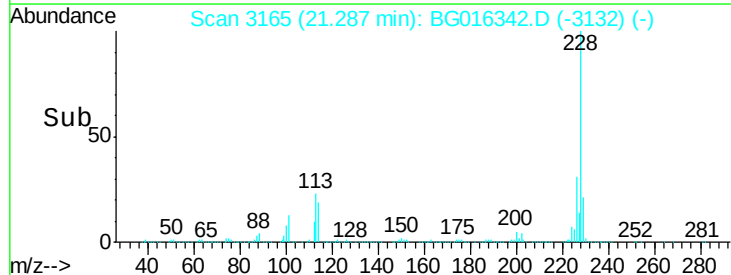
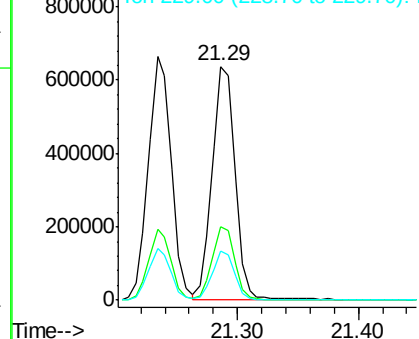


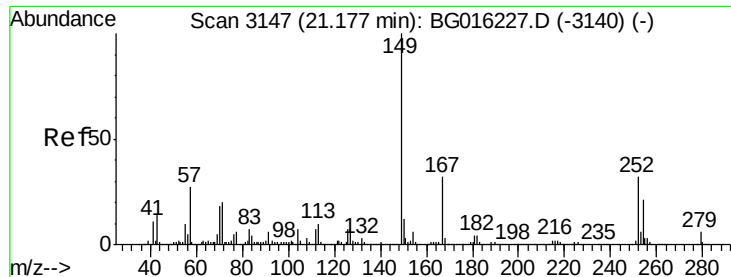
#82
 Chrysene
 Concen: 38.04 ng
 RT: 21.29 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:228 Resp: 829984
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.4
 229 20.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

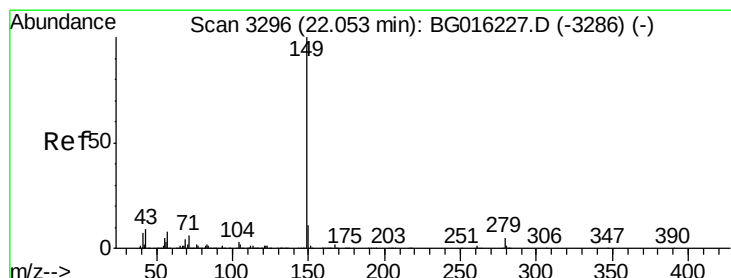
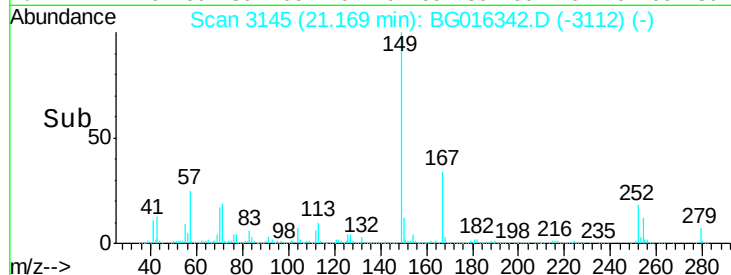
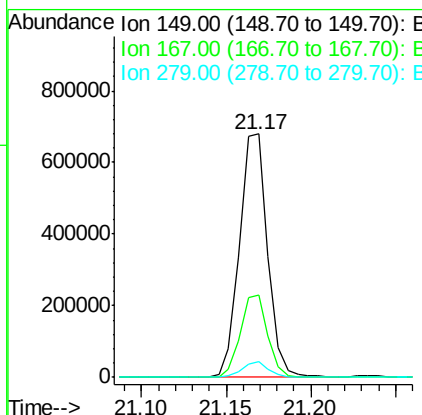
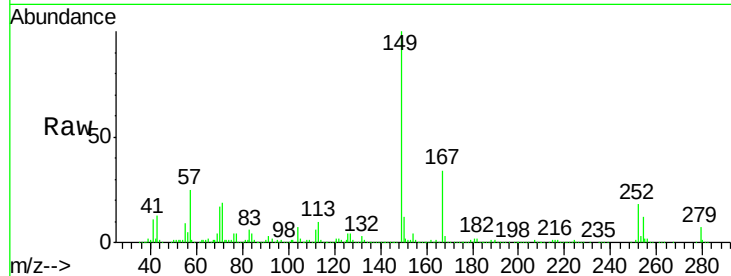




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.47 ng
 RT: 21.17 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

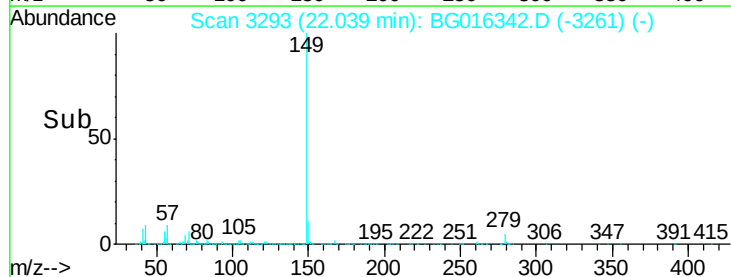
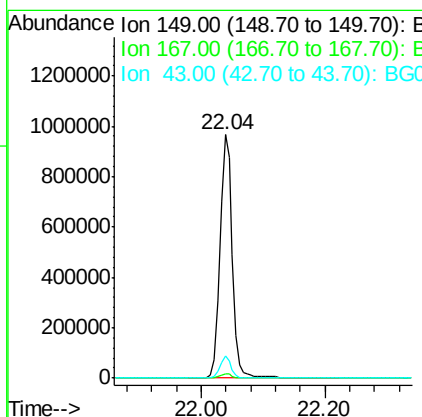
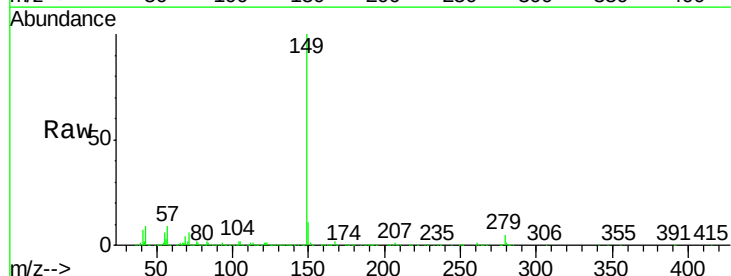
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

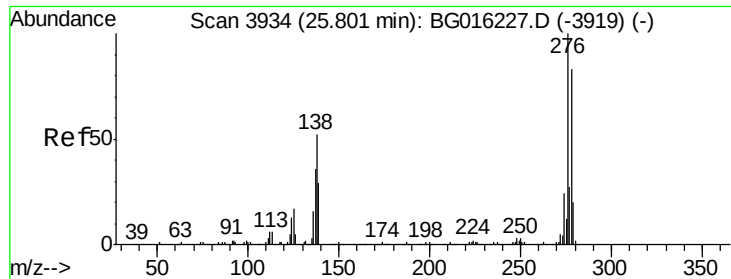
Tgt Ion:149 Resp: 787618
 Ion Ratio Lower Upper
 149 100
 167 33.9 25.8 38.6
 279 6.6 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 46.04 ng
 RT: 22.04 min Scan# 3293
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion:149 Resp: 1328531
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.1 7.0 10.4

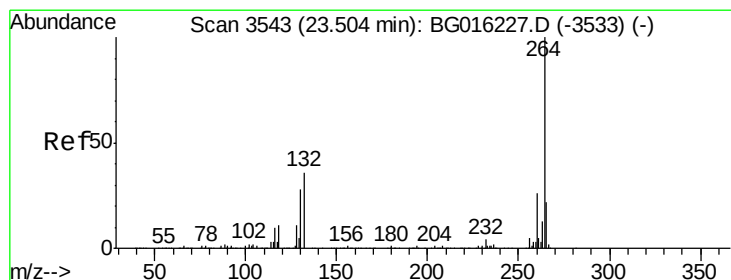
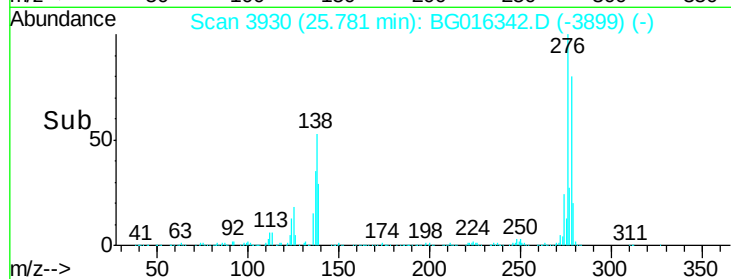
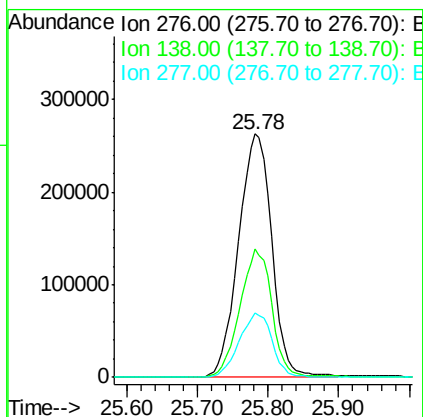
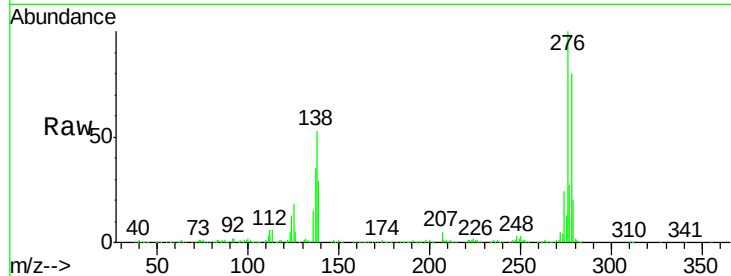




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.11 ng
 RT: 25.78 min Scan# 3930
 Delta R.T. -0.02 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

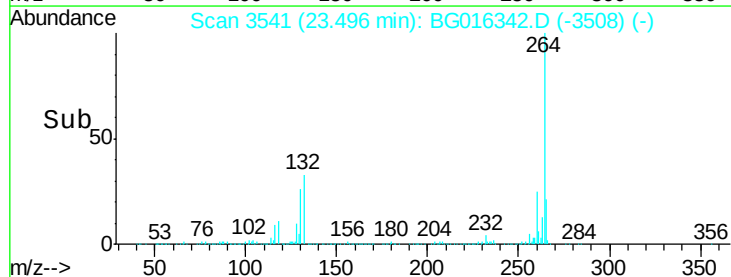
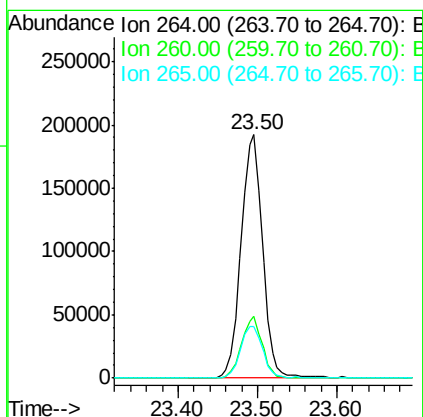
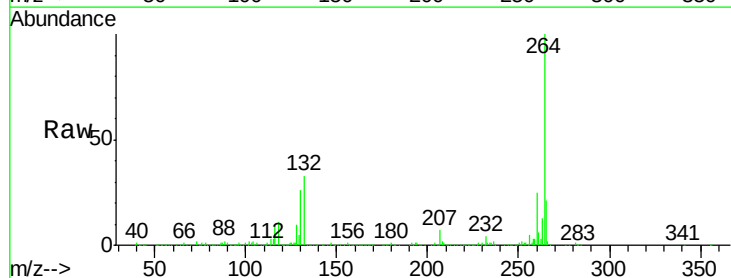
Instrument :
 BNA_G
 ClientSampleId :
 PB82675BS

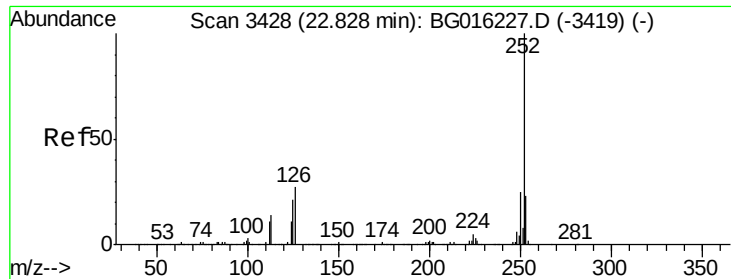
Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.6	41.5	62.3
277	26.5	21.0	31.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3541
 Delta R.T. -0.01 min
 Lab File: BG016342.D
 Acq: 11 Apr 2015 7:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.06 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.01 min

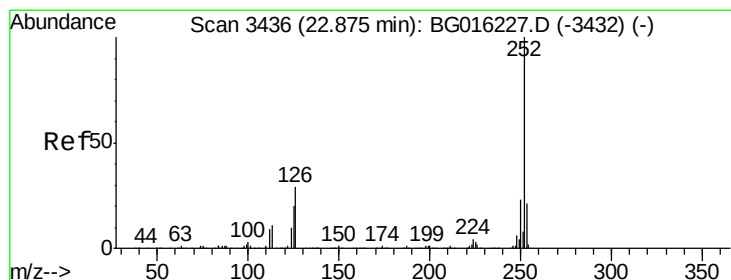
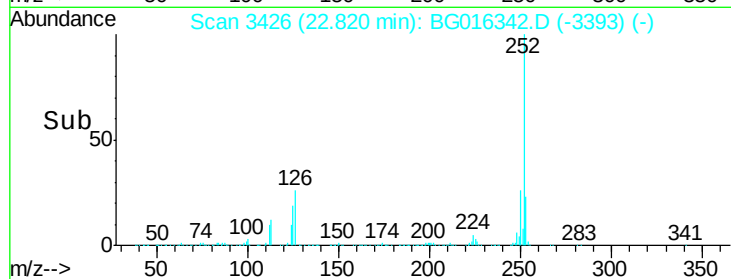
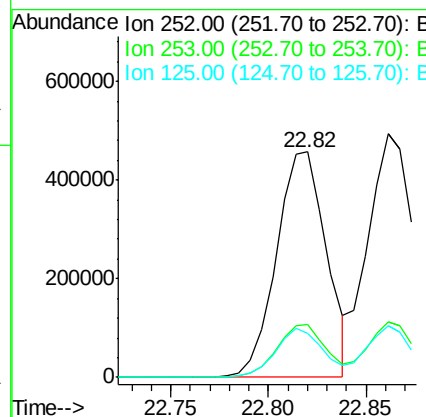
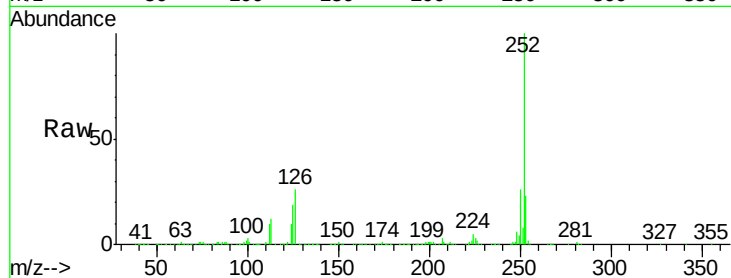
Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :
BNA_G
ClientSampleId :
PB82675BS

Tgt Ion:252 Resp: 808012

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	19.4	17.0	25.6



#88

Benzo(k)fluoranthene

Concen: 39.32 ng

RT: 22.86 min Scan# 3433

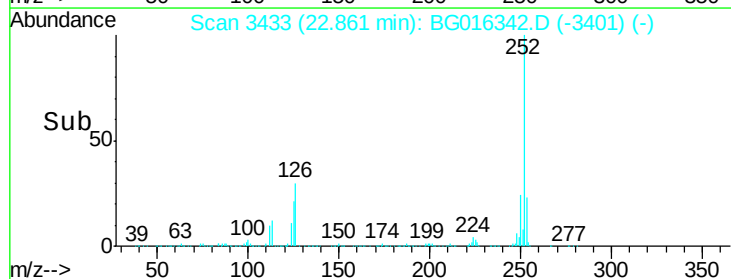
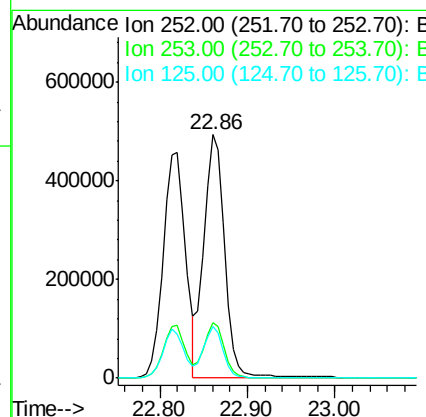
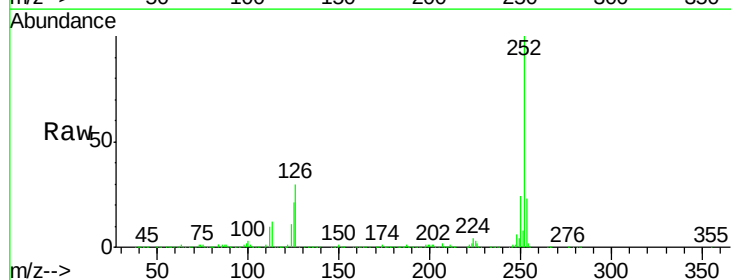
Delta R.T. -0.01 min

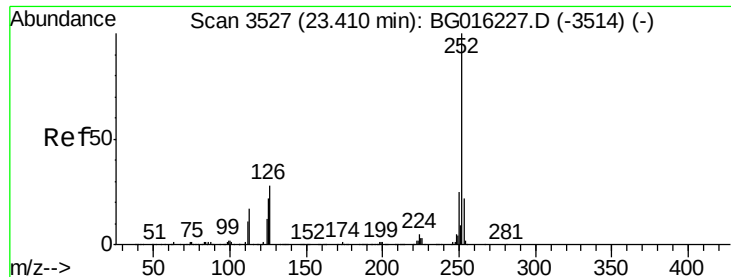
Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Tgt Ion:252 Resp: 816862

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	21.2	16.3	24.5





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 23.40 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

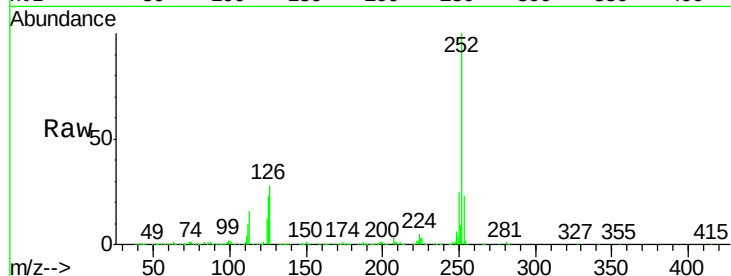
Tgt Ion:252 Resp: 781321

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

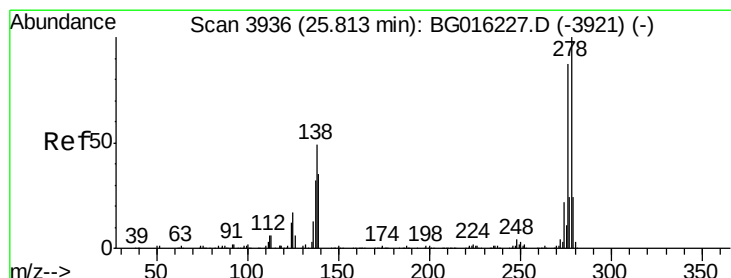
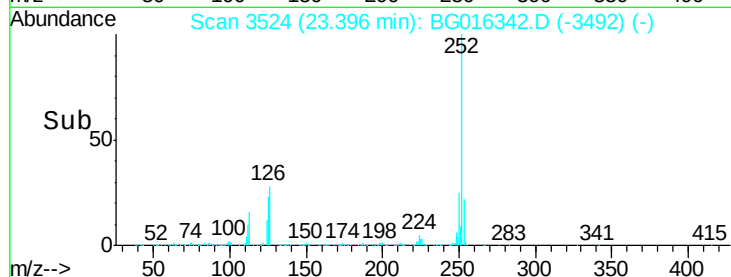
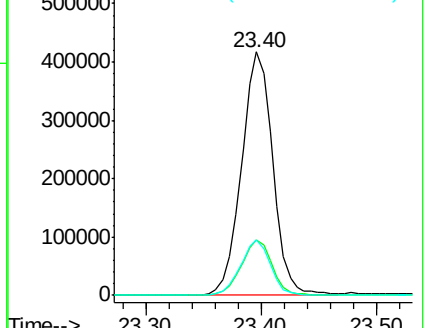
125 22.8 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.98 ng

RT: 25.79 min Scan# 3932

Delta R.T. -0.02 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

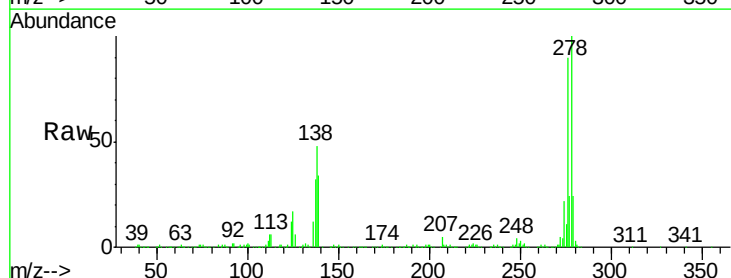
Tgt Ion:278 Resp: 715911

Ion Ratio Lower Upper

278 100

139 34.1 27.9 41.9

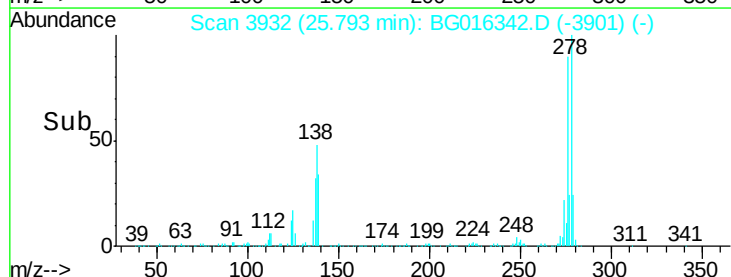
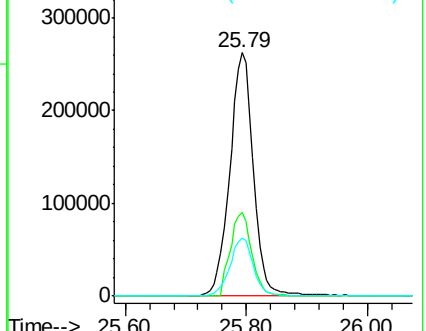
279 24.1 19.5 29.3

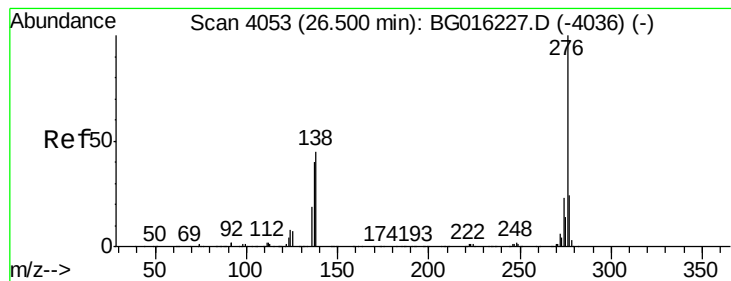


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.44 ng

RT: 26.49 min Scan# 4050

Delta R.T. -0.01 min

Lab File: BG016342.D

Acq: 11 Apr 2015 7:39

Instrument :

BNA_G

ClientSampleId :

PB82675BS

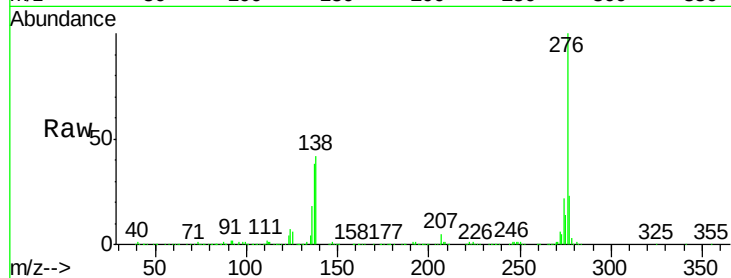
Tgt Ion: 276 Resp: 743317

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 42.2 35.7 53.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

