

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016656.D
 Acq On : 23 Apr 2015 16:50
 Operator : TP/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 23 17:42:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 17:03:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	56696	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	256587	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	150226	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	317081	20.00	ng	0.00
75) Chrysene-d12	21.18	240	301780	20.00	ng	0.00
86) Perylene-d12	23.39	264	278828	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	174723	49.21	ng	0.00
7) Phenol-d6	6.79	99	242527	48.94	ng	0.00
23) Nitrobenzene-d5	8.76	82	203516	48.88	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	56586	55.04	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	466975	50.80	ng	0.00
78) Terphenyl-d14	19.63	244	667022	52.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	36879	23.22	ng	98
3) Pyridine	3.46	79	106749	24.26	ng	99
4) n-Nitrosodimethylamine	3.38	42	31633	24.13	ng	94
6) Aniline	6.93	93	164934	24.10	ng	100
8) 2-Chlorophenol	7.17	128	106197	24.93	ng	98
9) Benzaldehyde	6.74	77	65056	29.19	ng	98
10) Phenol	6.82	94	129278	24.76	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	98610	24.02	ng	98
12) 1,3-Dichlorobenzene	7.49	146	109611	24.63	ng	98
13) 1,4-Dichlorobenzene	7.63	146	112003	24.76	ng	100
14) 1,2-Dichlorobenzene	7.95	146	107746	25.02	ng	100
15) Benzyl Alcohol	7.85	79	75582	24.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	90953	22.92	ng	100
17) 2-Methylphenol	8.06	107	85150	24.07	ng	99
18) Hexachloroethane	8.66	117	39525	24.40	ng	99
19) n-Nitroso-di-n-propylamine	8.40	70	75068	23.41	ng	99
20) 3+4-Methylphenols	8.39	107	120373	24.78	ng	97
22) Acetophenone	8.42	105	140960	24.65	ng	# 97
24) Nitrobenzene	8.80	77	107023	24.68	ng	99
25) Isophorone	9.32	82	208275	24.40	ng	99
26) 2-Nitrophenol	9.51	139	62137	25.85	ng	98
27) 2,4-Dimethylphenol	9.59	122	101808	24.95	ng	96
28) bis(2-Chloroethoxy)methane	9.81	93	125185	24.39	ng	99
29) 2,4-Dichlorophenol	10.05	162	87922	25.94	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	91957	25.49	ng	99
31) Naphthalene	10.43	128	335544	24.99	ng	99
32) Benzoic acid	9.72	122	41663	29.78	ng	95
33) 4-Chloroaniline	10.55	127	155142	25.34	ng	97
34) Hexachlorobutadiene	10.71	225	41466	25.72	ng	92
35) Caprolactam	11.32	113	47455	24.63	ng	98
36) 4-Chloro-3-methylphenol	11.71	107	102375	25.25	ng	99
37) 2-Methylnaphthalene	12.05	142	241387	25.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	88503	25.19	ng	99
40) Hexachlorocyclopentadiene	12.41	237	25048	22.66	ng	98

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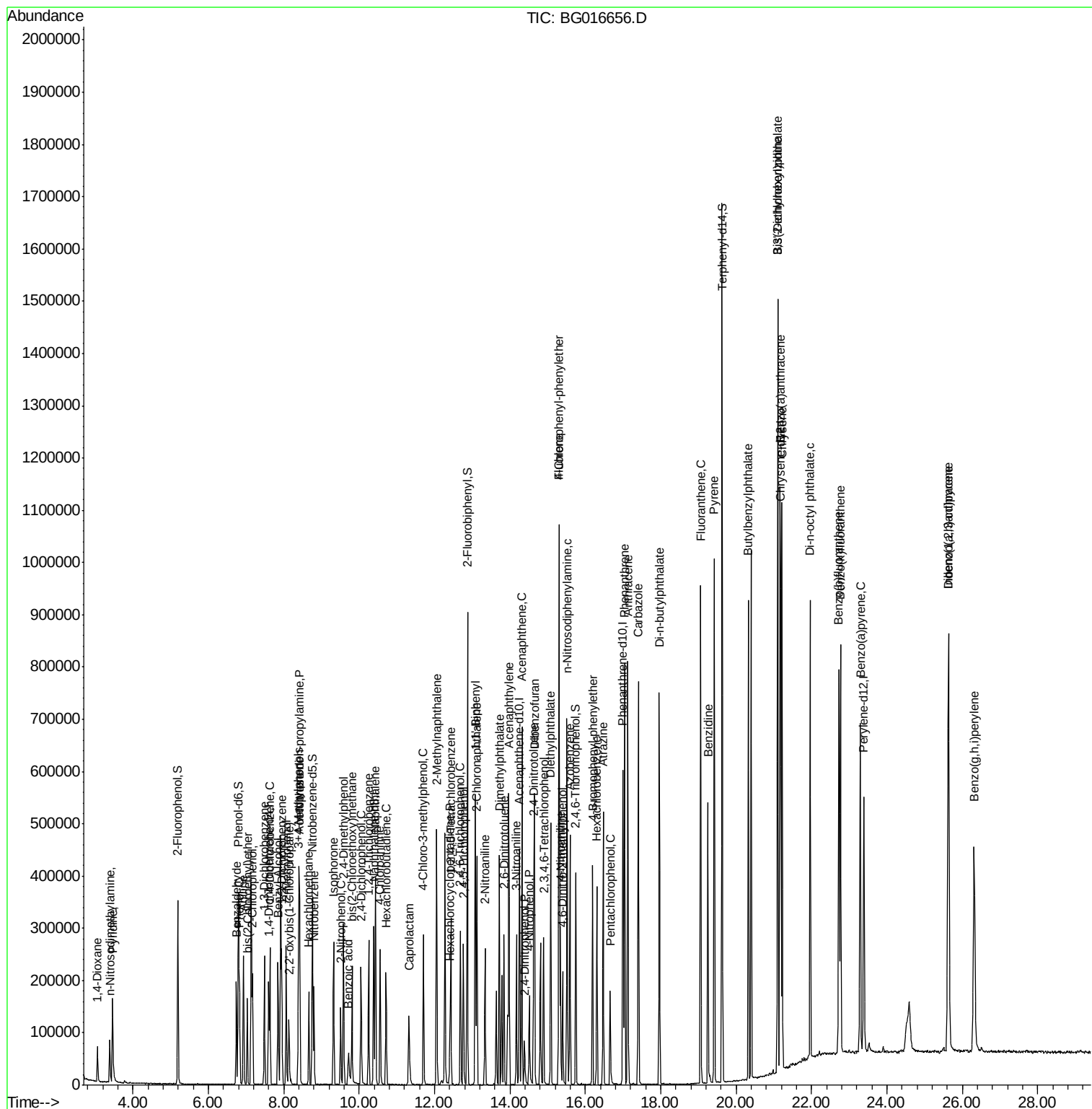
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	66235	26.58	ng	96
43) 2,4,5-Trichlorophenol	12.76	196	69637	26.39	ng	98
45) 1,1'-Biphenyl	13.08	154	292612	25.01	ng	99
46) 2-Chloronaphthalene	13.12	162	224907	25.16	ng	99
47) 2-Nitroaniline	13.34	65	62742	24.48	ng	98
48) Acenaphthylene	13.97	152	399684	25.29	ng	99
49) Dimethylphthalate	13.72	163	281444	25.31	ng	99
50) 2,6-Dinitrotoluene	13.84	165	68591	25.07	ng	97
51) Acenaphthene	14.32	154	234847	24.88	ng	99
52) 3-Nitroaniline	14.17	138	85485	25.47	ng	96
53) 2,4-Dinitrophenol	14.39	184	27064	26.09	ng	97
54) Dibenzofuran	14.65	168	329226	24.85	ng	99
55) 4-Nitrophenol	14.51	139	61836	24.60	ng	99
56) 2,4-Dinitrotoluene	14.63	165	96019	25.71	ng	99
57) Fluorene	15.30	166	295319	25.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.89	232	51552	26.09	ng	99
59) Diethylphthalate	15.08	149	298122	25.32	ng	100
60) 4-Chlorophenyl-phenylether	15.30	204	122470	25.45	ng	98
61) 4-Nitroaniline	15.34	138	100393	26.39	ng	99
62) Azobenzene	15.59	77	266481	24.41	ng	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	52196	25.35	ng	97
65) n-Nitrosodiphenylamine	15.52	169	271936	25.35	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	64747	25.51	ng	97
67) Hexachlorobenzene	16.30	284	67672	25.67	ng	97
68) Atrazine	16.47	200	80180	27.03	ng	99
69) Pentachlorophenol	16.66	266	31686	26.71	ng	97
70) Phenanthrene	17.04	178	459880	25.37	ng	99
71) Anthracene	17.13	178	460572	25.57	ng	99
72) Carbazole	17.41	167	476178	26.04	ng	98
73) Di-n-butylphthalate	17.96	149	583613	26.22	ng	100
74) Fluoranthene	19.06	202	511076	26.26	ng	98
76) Benzidine	19.25	184	289143	26.30	ng	99
77) Pyrene	19.42	202	530708	26.10	ng	98
79) Butylbenzylphthalate	20.33	149	263803	24.86	ng	97
80) Benzo(a)anthracene	21.17	228	461537	25.27	ng	98
81) 3,3'-Dichlorobenzidine	21.11	252	154965	25.66	ng	97
82) Chrysene	21.22	228	431219	24.63	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	358833	24.68	ng	97
84) Di-n-octyl phthalate	21.97	149	604882	24.99	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	472748	24.64	ng	99
87) Benzo(b)fluoranthene	22.73	252	421382	25.17	ng	98
88) Benzo(k)fluoranthene	22.77	252	417979	25.52	ng	98
89) Benzo(a)pyrene	23.29	252	398764	25.14	ng	98
90) Dibenzo(a,h)anthracene	25.64	278	390352	25.31	ng	100
91) Benzo(g,h,i)perylene	26.32	276	388277	24.98	ng	96

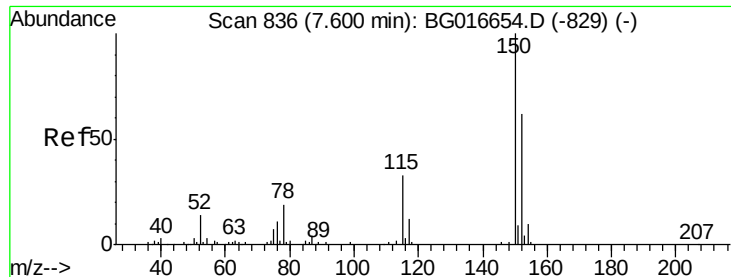
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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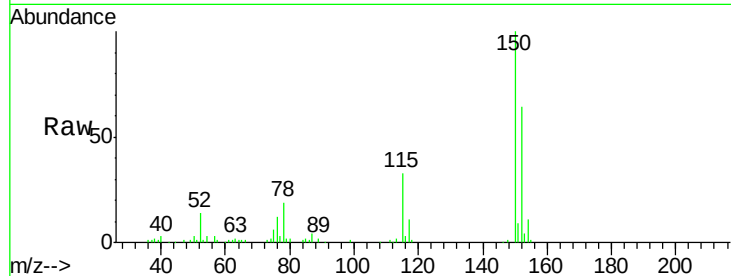


#1

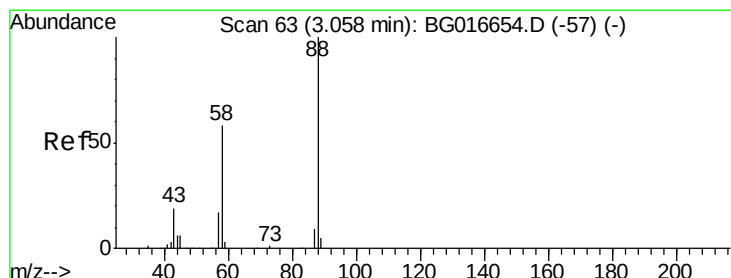
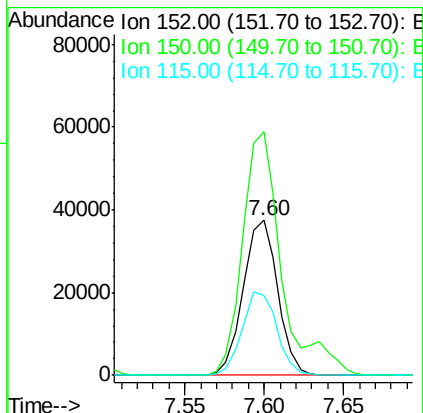
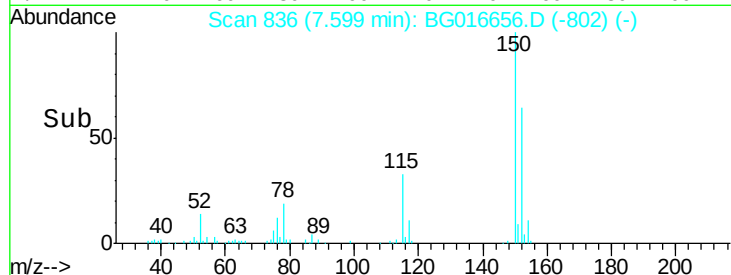
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56696
Ion Ratio Lower Upper
152 100
150 157.1 129.6 194.4
115 51.1 43.0 64.6



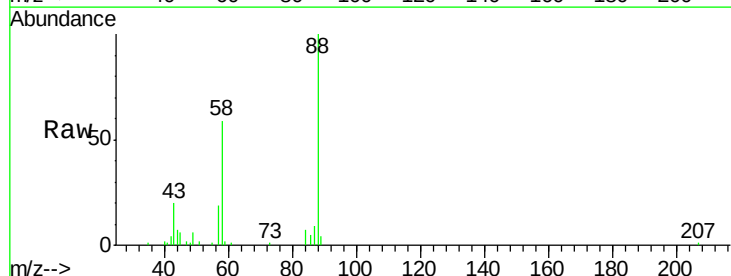
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



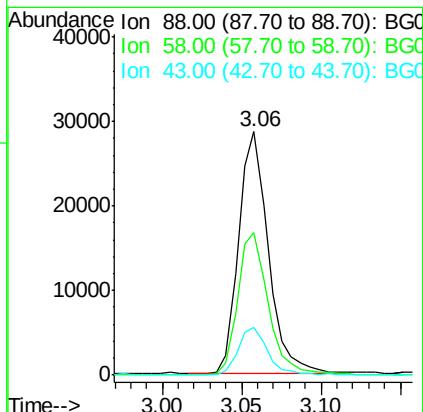
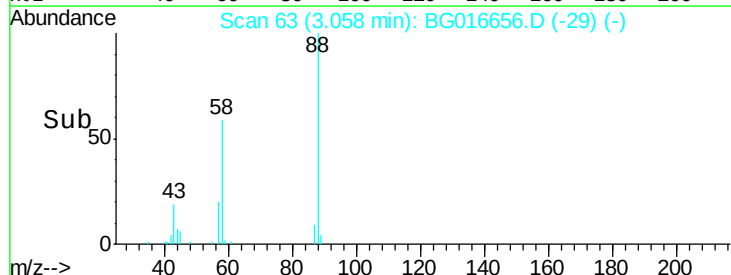
#2

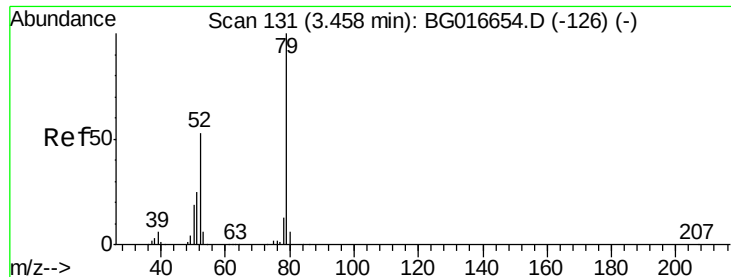
1,4-Dioxane
Concen: 23.22 ng
RT: 3.06 min Scan# 63
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion: 88 Resp: 36879
Ion Ratio Lower Upper
88 100
58 60.9 46.8 70.2
43 19.9 15.8 23.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.26 ng

RT: 3.46 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

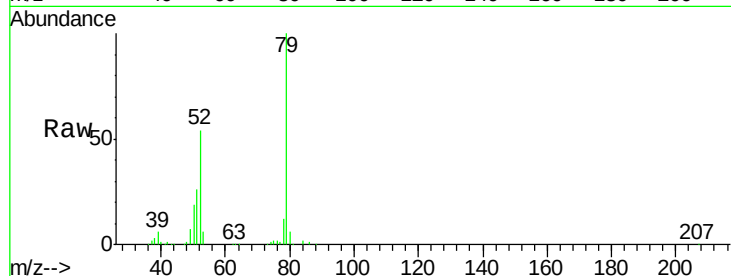
Tot Ion: 79 Resp: 106749

Ion Ratio Lower Upper

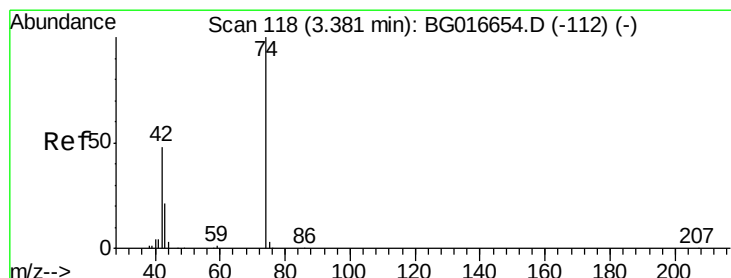
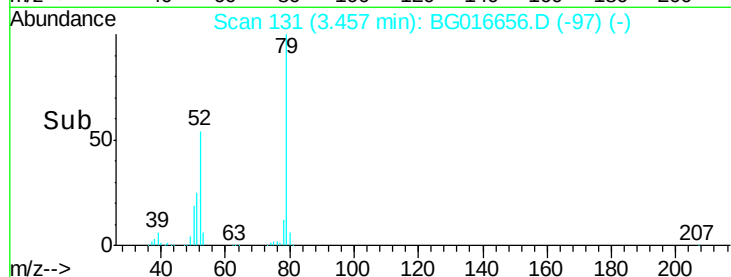
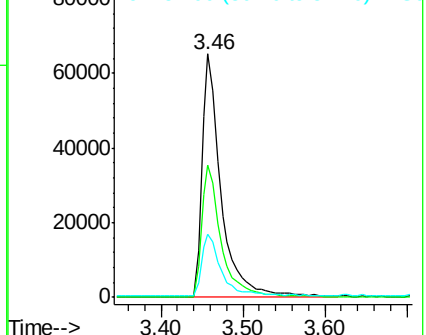
79 100

52 54.1 42.7 64.1

51 26.1 20.5 30.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 24.13 ng

RT: 3.38 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

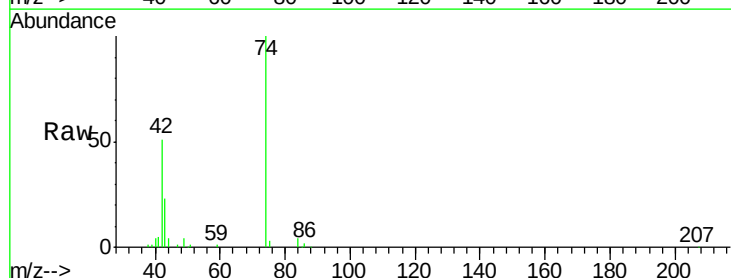
Tgt Ion: 42 Resp: 31633

Ion Ratio Lower Upper

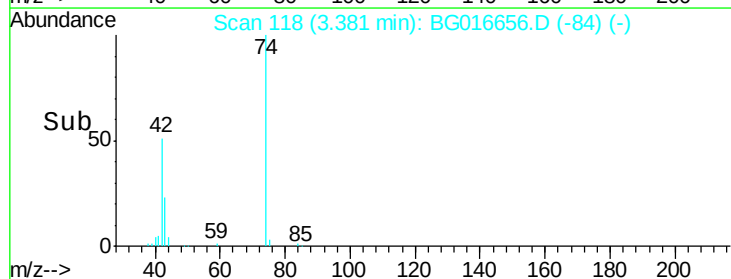
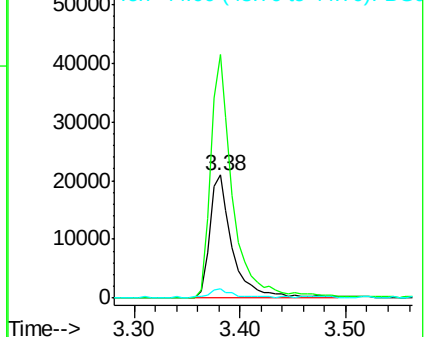
42 100

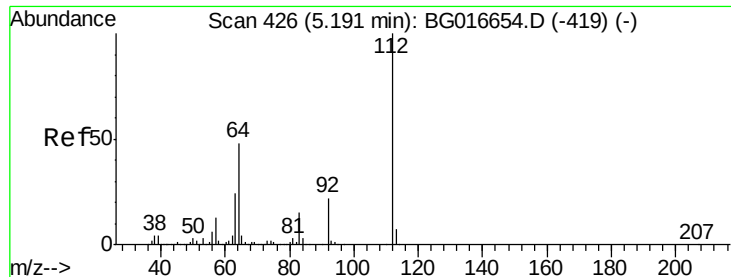
74 197.6 165.6 248.4

44 7.3 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 49.21 ng

RT: 5.19 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

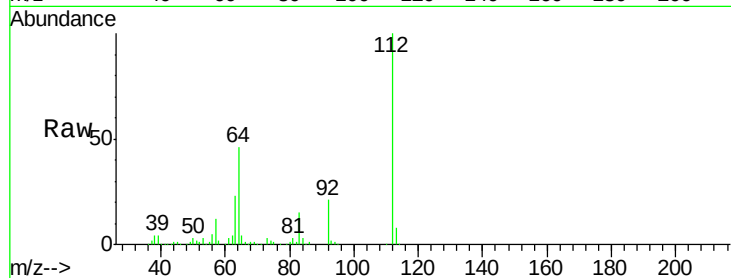
Tot Ion:112 Resp: 174723

Ion Ratio Lower Upper

112 100

64 45.6 38.3 57.5

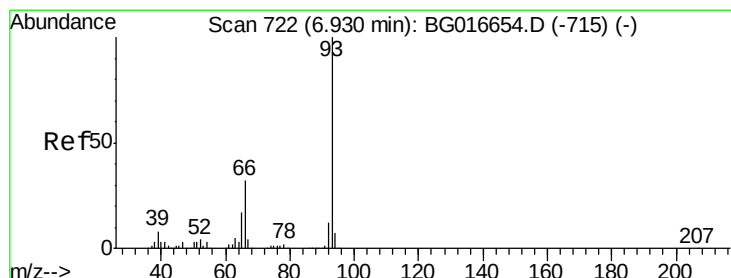
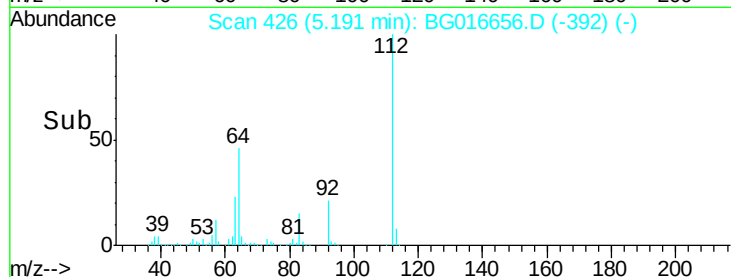
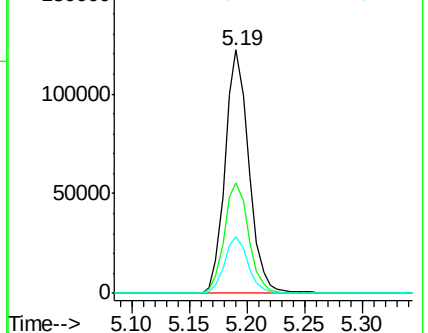
63 23.2 18.9 28.3



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: 24.10 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

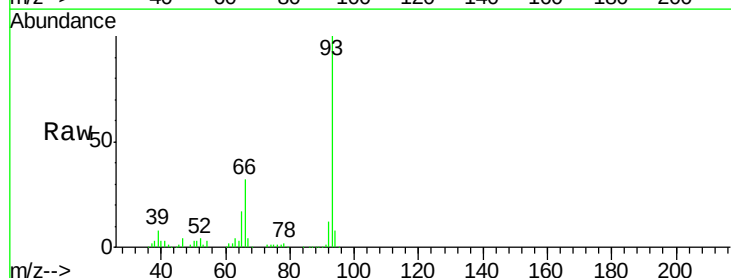
Tgt Ion: 93 Resp: 164934

Ion Ratio Lower Upper

93 100

66 32.1 25.4 38.2

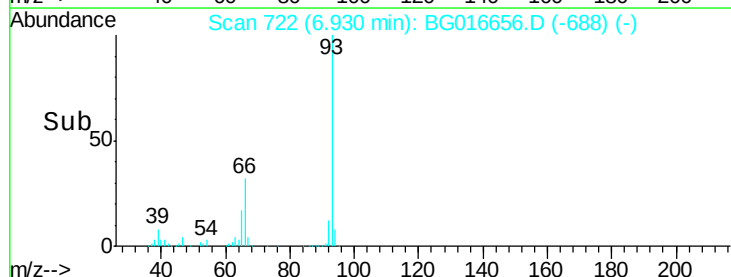
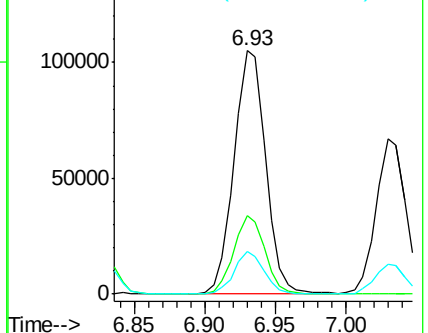
65 17.3 13.8 20.6

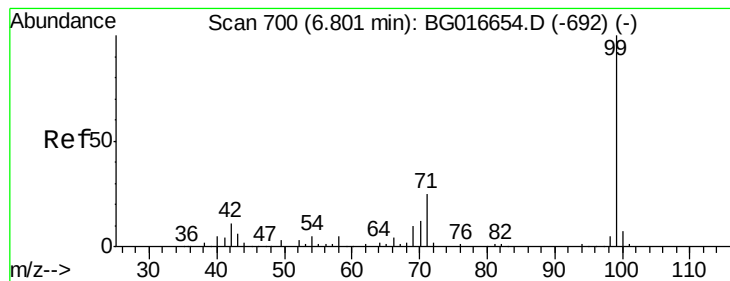


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 48.94 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG016656.D

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Instrument :

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ClientSampleId :

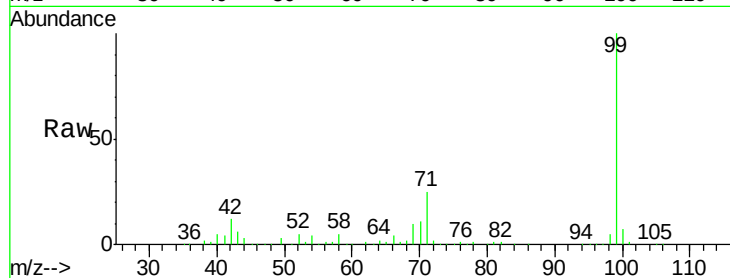
Tot Ion: 99 Resp: 242527

Ion Ratio Lower Upper

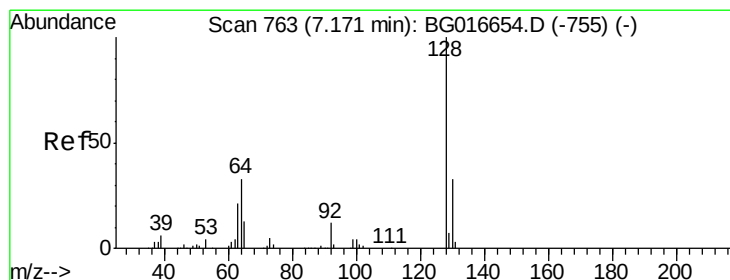
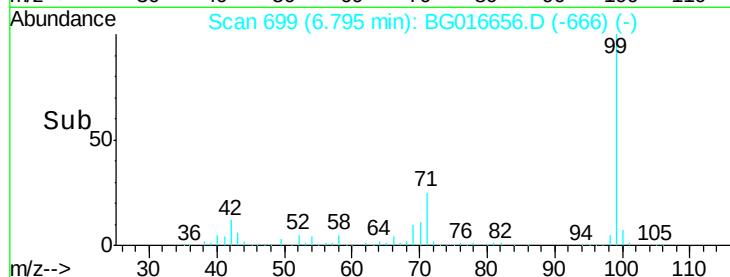
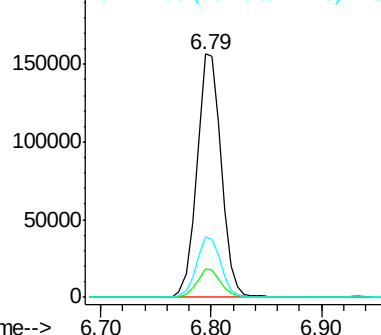
99 100

42 11.6 8.8 13.2

71 25.0 19.9 29.9



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: 24.93 ng

RT: 7.17 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

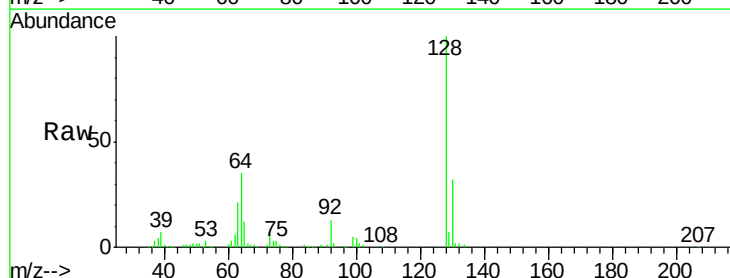
Tgt Ion: 128 Resp: 106197

Ion Ratio Lower Upper

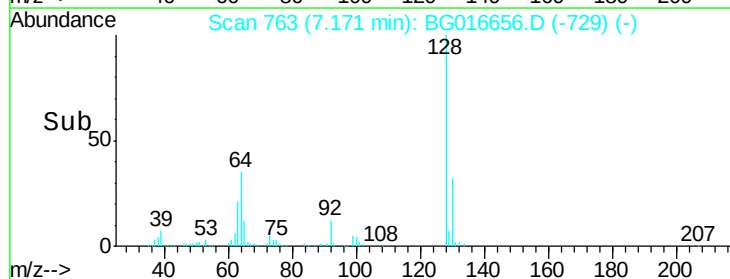
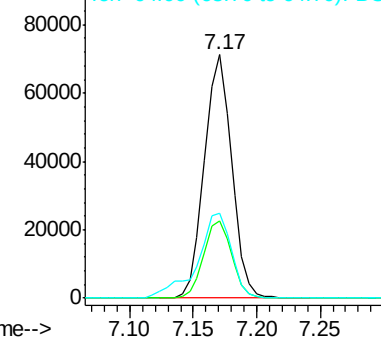
128 100

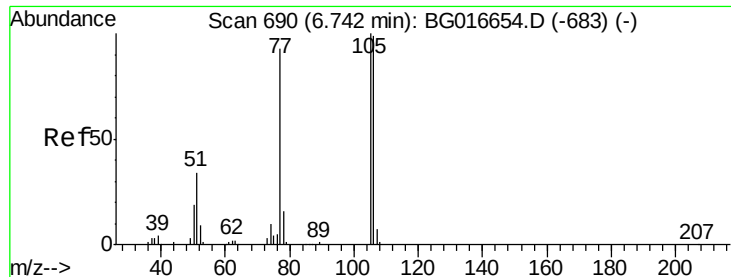
130 31.9 13.5 53.5

64 34.9 15.8 55.8



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: 29.19 ng

RT: 6.74 min Scan# 690

Delta R.T. -0.00 min

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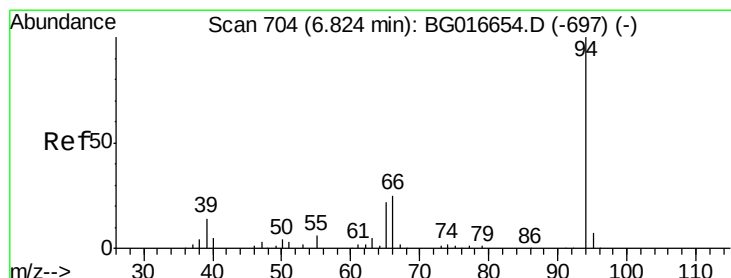
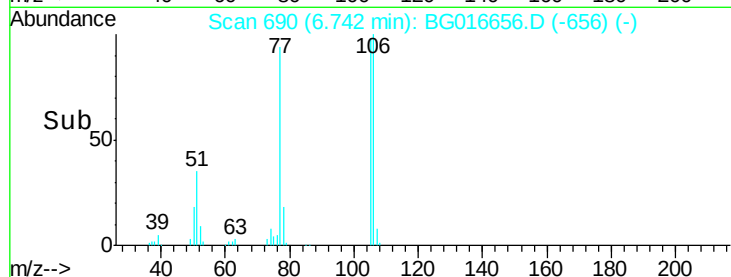
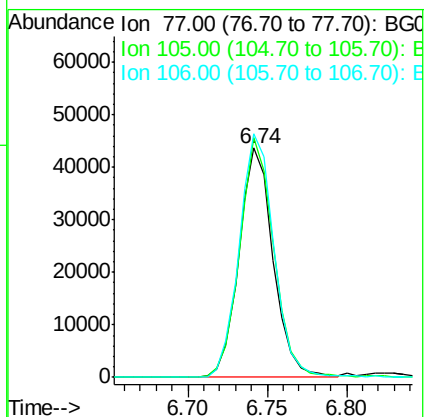
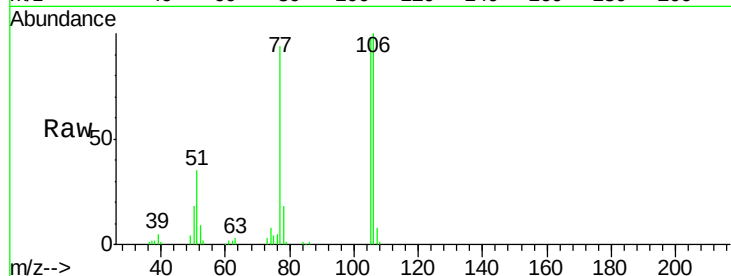
Tot Ion: 77 Resp: 65056

Ion Ratio Lower Upper

77 100

105 104.5 88.0 128.0

106 106.3 86.6 126.6



#10

Phenol

Concen: 24.76 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

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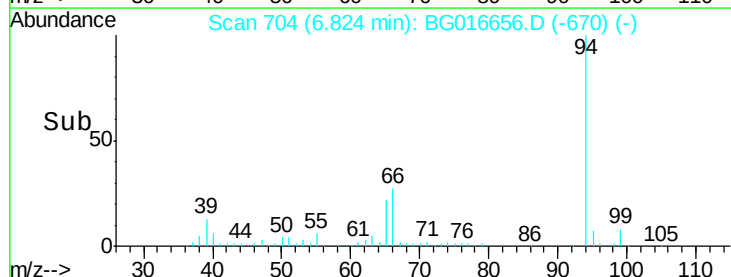
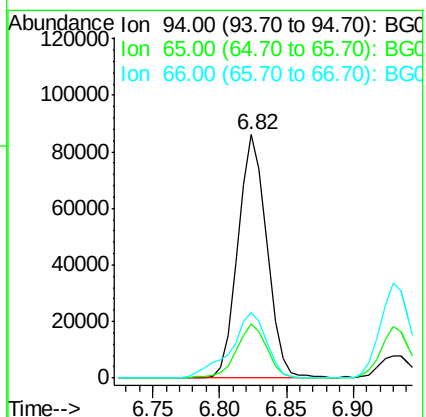
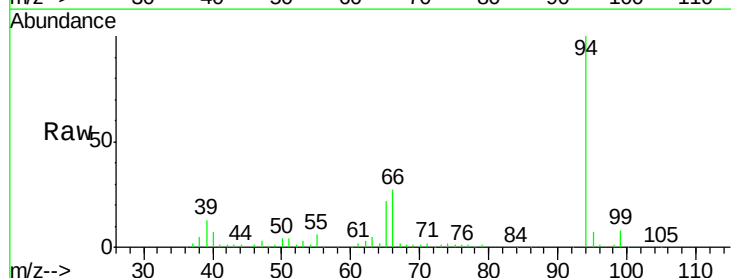
Tgt Ion: 94 Resp: 129278

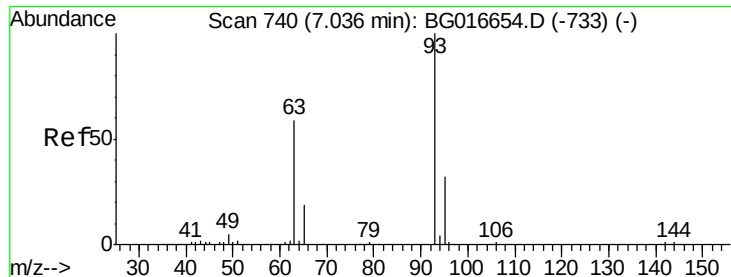
Ion Ratio Lower Upper

94 100

65 22.1 2.6 42.6

66 26.8 7.0 47.0





#11

bis(2-Chloroethyl)ether

Concen: 24.02 ng

RT: 7.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

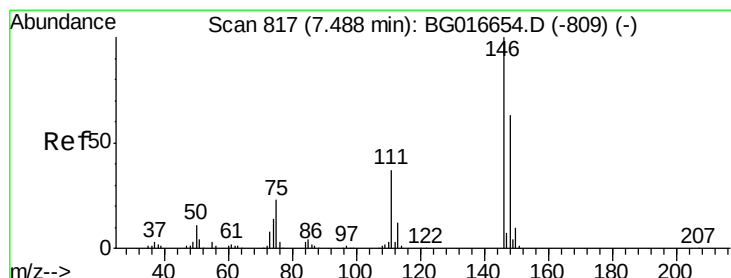
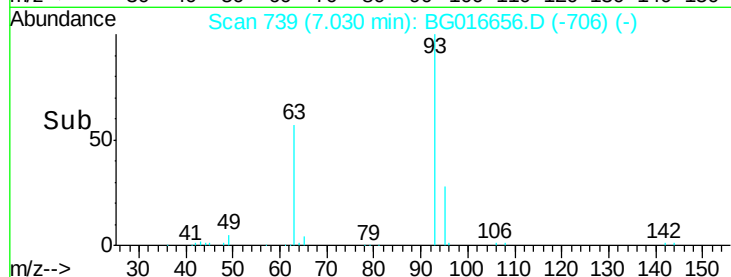
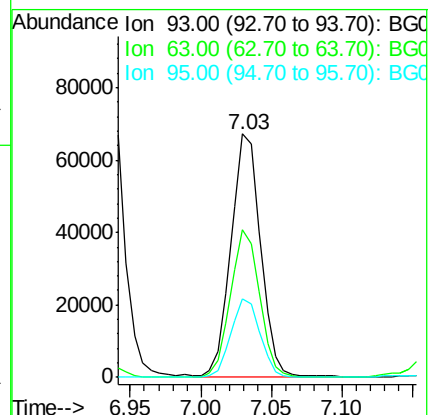
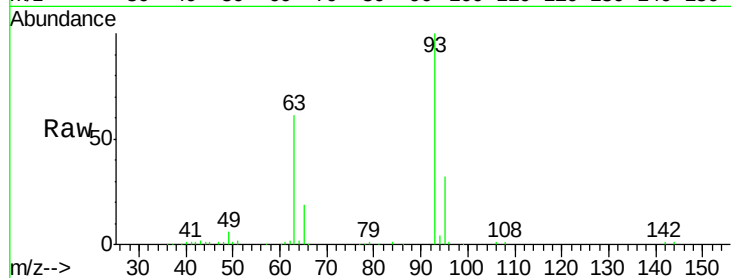
Tot Ion: 93 Resp: 98610

Ion Ratio Lower Upper

93 100

63 60.7 39.2 79.2

95 32.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 24.63 ng

RT: 7.49 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

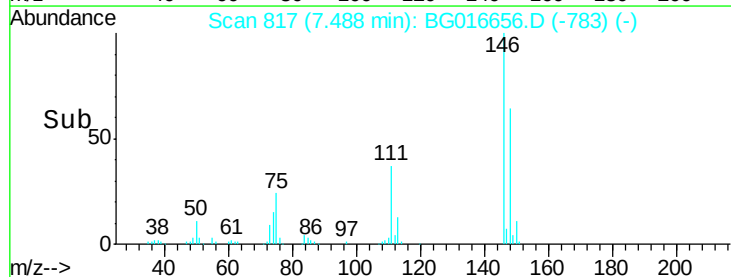
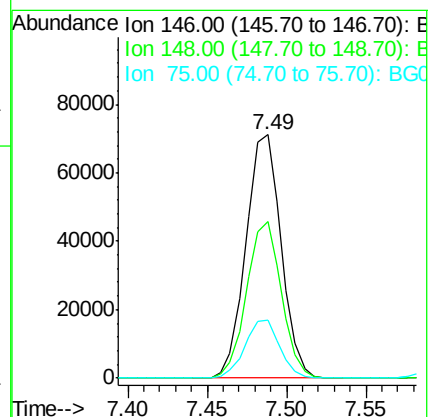
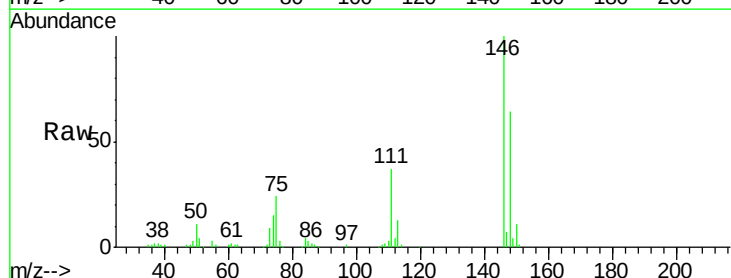
Tgt Ion: 146 Resp: 109611

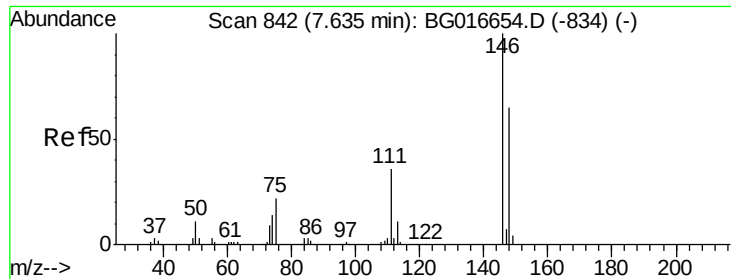
Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.4

75 23.7 18.4 27.6

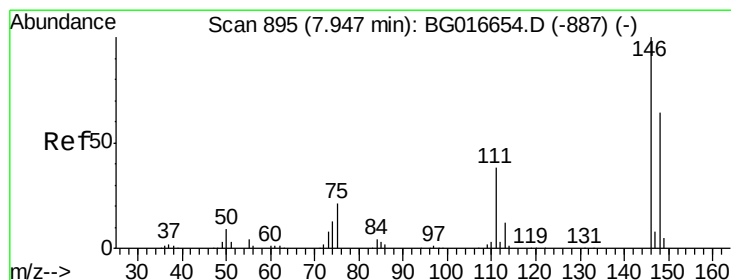
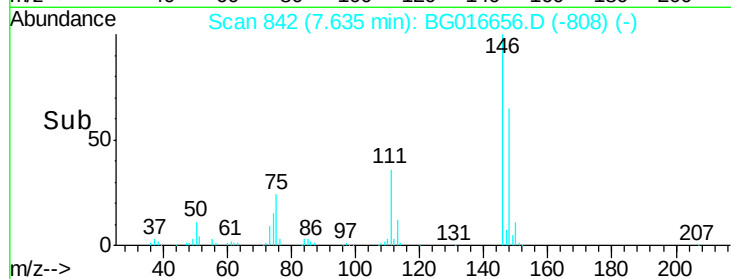
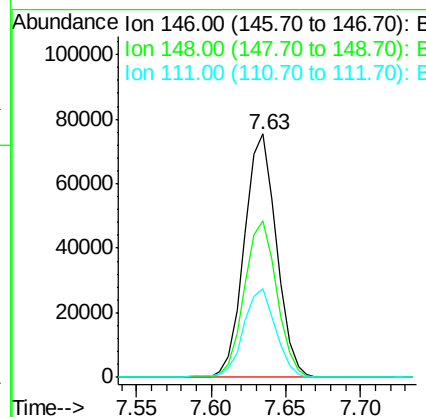
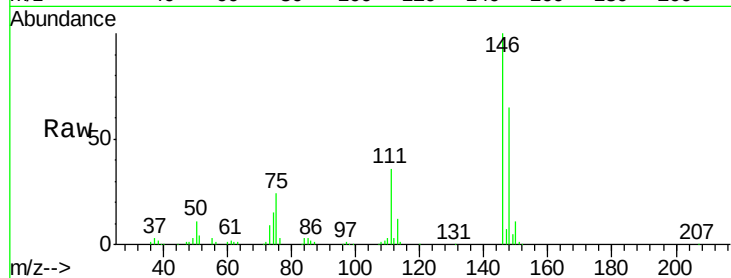




#13
 1,4-Dichlorobenzene
 Concen: 24.76 ng
 RT: 7.63 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

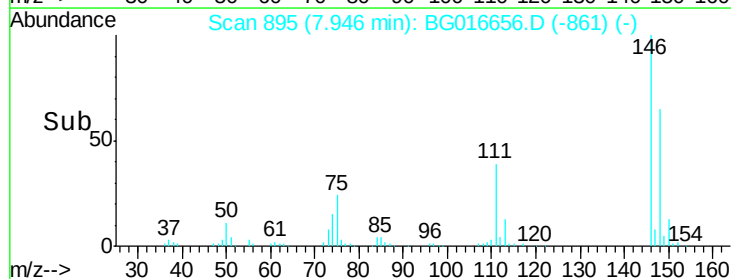
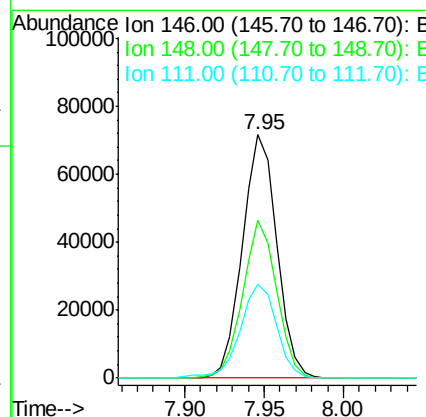
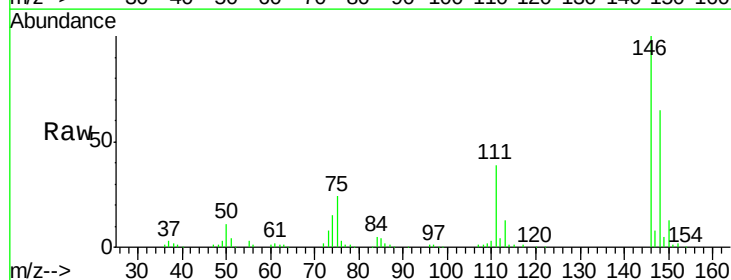
Instrument :
 BNA_G
 ClientSampled :

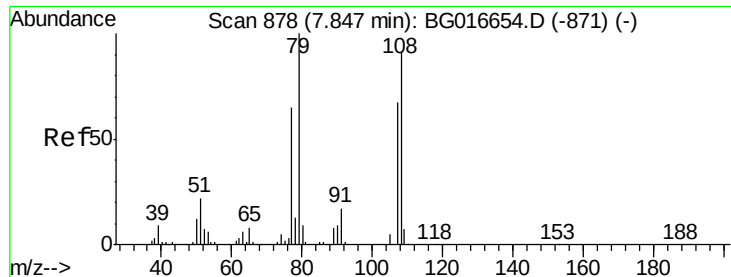
Tot Ion:146 Resp: 112003
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 36.5 29.0 43.4



#14
 1,2-Dichlorobenzene
 Concen: 25.02 ng
 RT: 7.95 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:146 Resp: 107746
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.3 76.9
 111 38.6 31.0 46.4





#15

Benzyl Alcohol

Concen: 24.00 ng

RT: 7.85 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

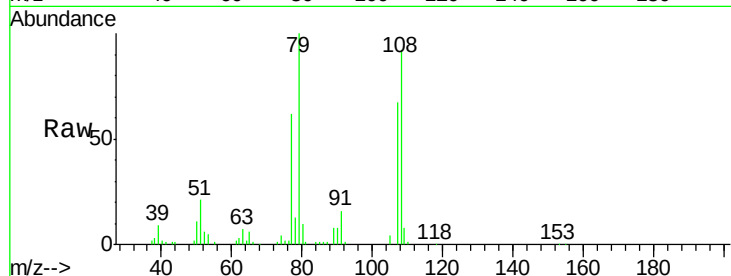
Tot Ion: 79 Resp: 75582

Ion Ratio Lower Upper

79 100

108 91.6 73.0 109.4

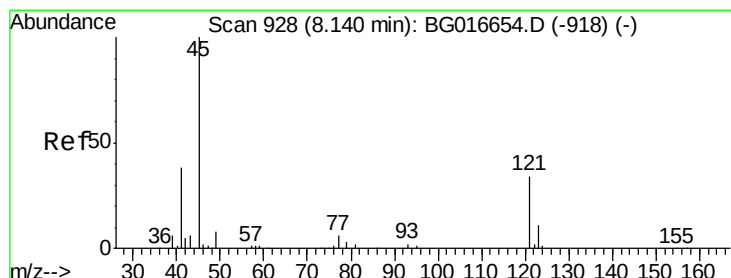
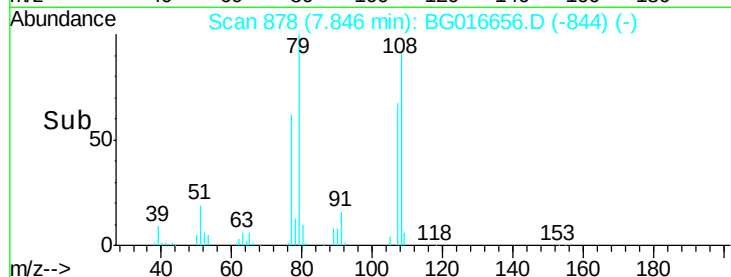
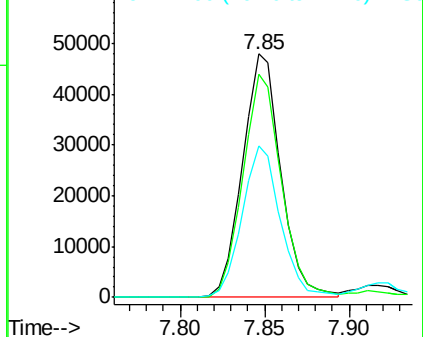
77 62.3 51.8 77.8



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: 22.92 ng

RT: 8.14 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

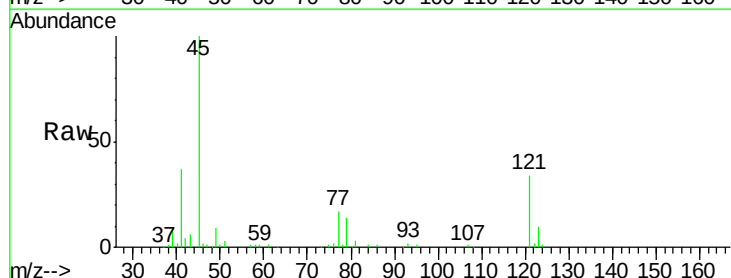
Tgt Ion: 45 Resp: 90953

Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.3

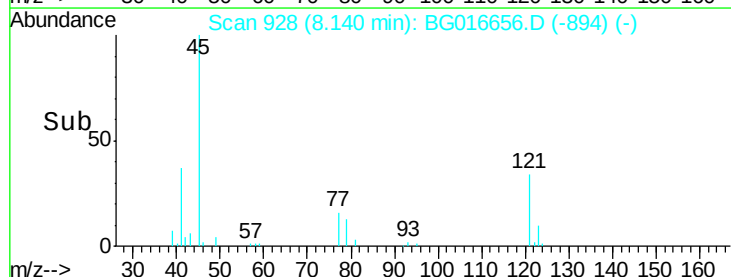
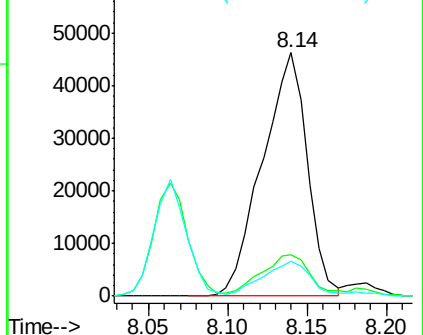
79 14.4 0.0 34.7

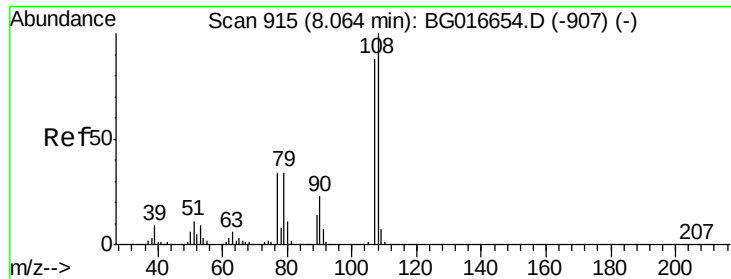


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

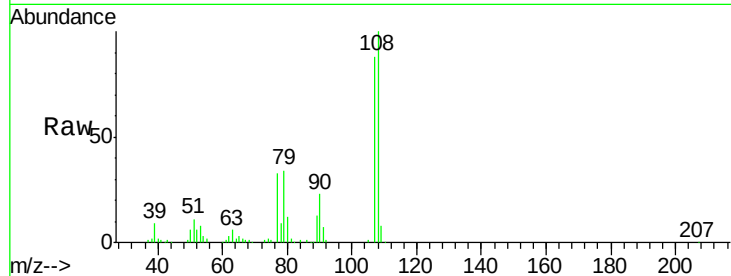




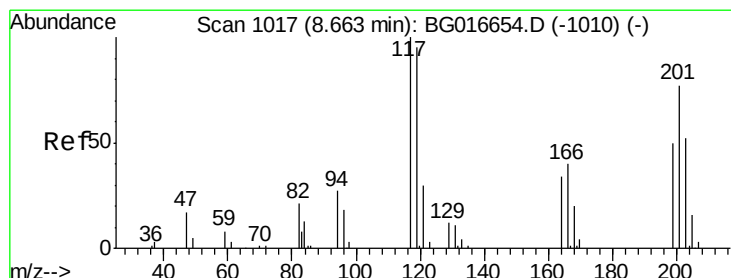
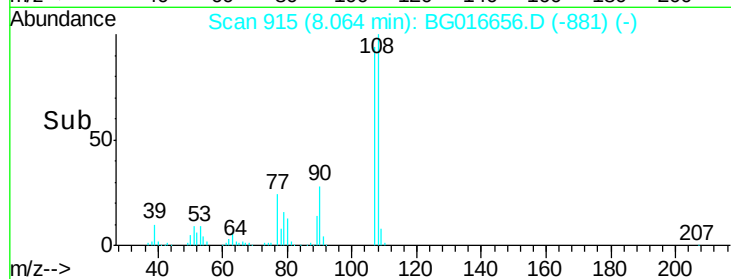
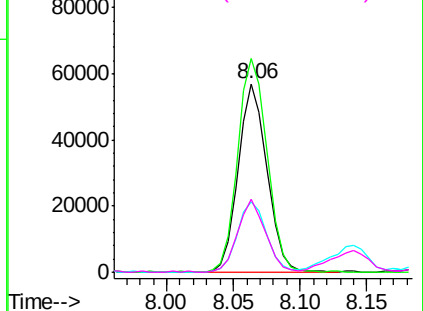
#17
2-Methylphenol
Concen: 24.07 ng
RT: 8.06 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107	Resp:	85150
Ion Ratio	Lower	Upper
107	100	
108	113.2	90.6 135.8
77	37.5	31.4 47.0
79	38.8	30.9 46.3

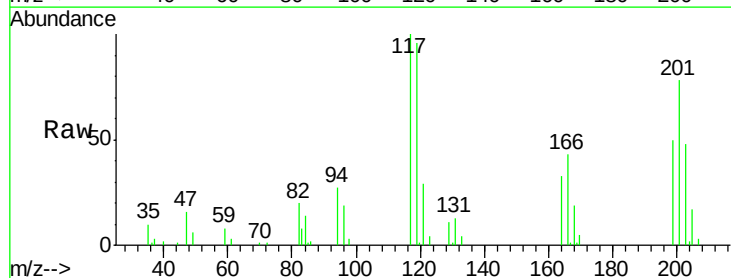


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

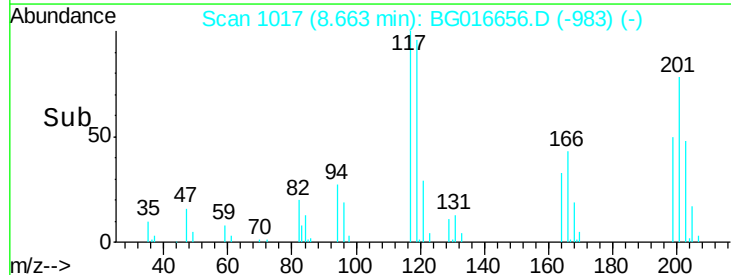
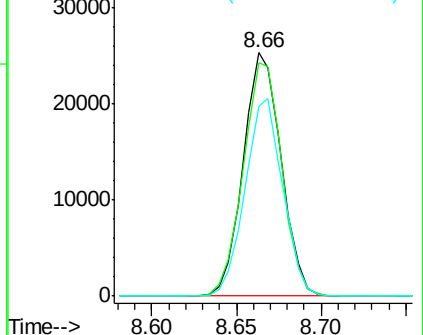


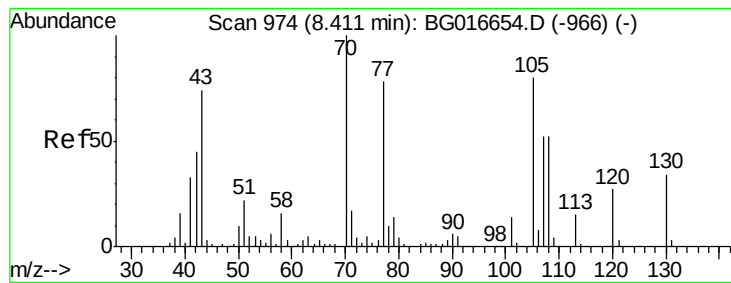
#18
Hexachloroethane
Concen: 24.40 ng
RT: 8.66 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:117	Resp:	39525
Ion Ratio	Lower	Upper
117	100	
119	96.1	76.3 114.5
201	78.1	61.5 92.3



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: 23.41 ng

RT: 8.40 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 75068

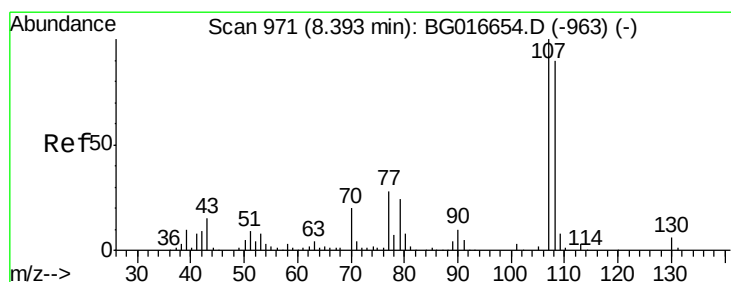
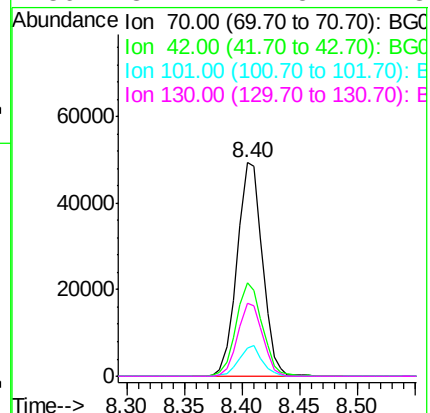
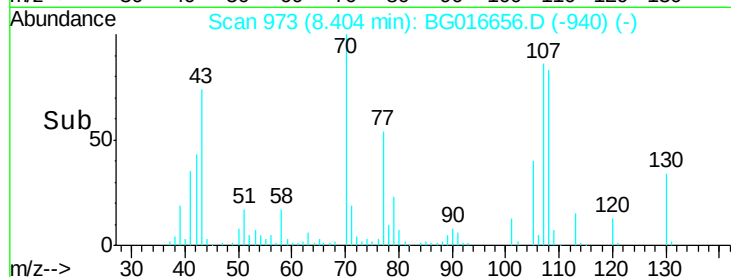
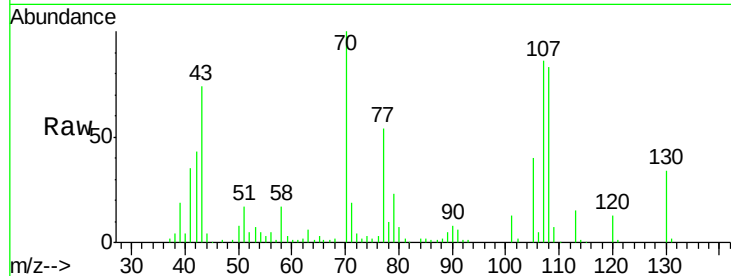
Ion Ratio Lower Upper

70 100

42 43.5 35.7 53.5

101 13.0 11.0 16.4

130 34.1 27.5 41.3



#20

3+4-Methylphenols

Concen: 24.78 ng

RT: 8.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Tgt Ion:107 Resp: 120373

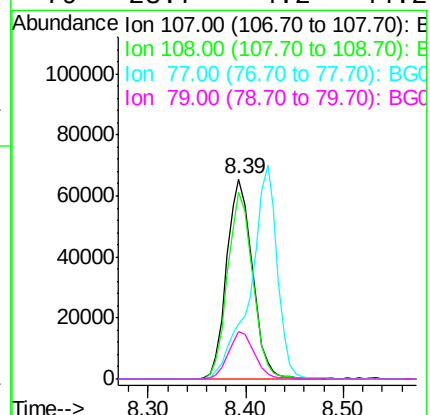
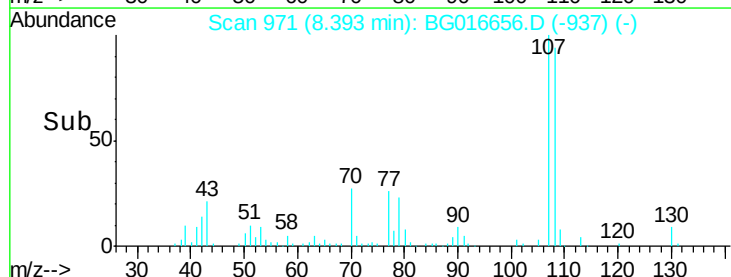
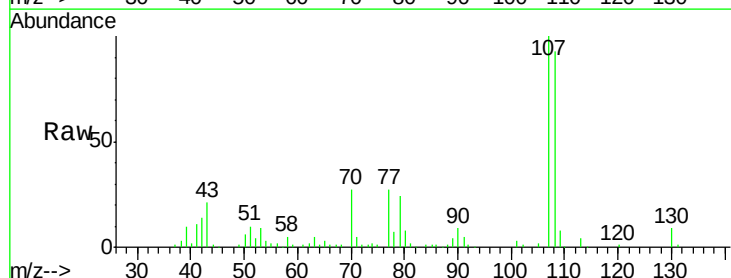
Ion Ratio Lower Upper

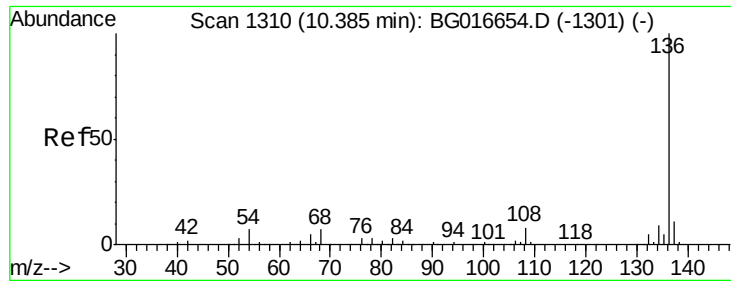
107 100

108 93.4 69.5 109.5

77 27.4 8.2 48.2

79 23.7 4.2 44.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

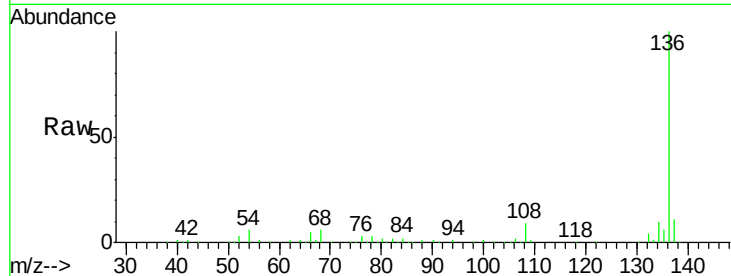
Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 256587

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.9	5.4	8.2
68	6.4	5.2	7.8

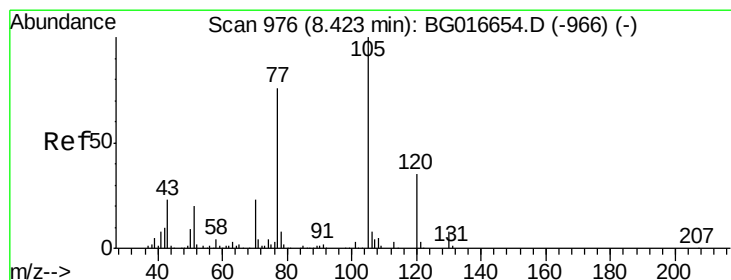
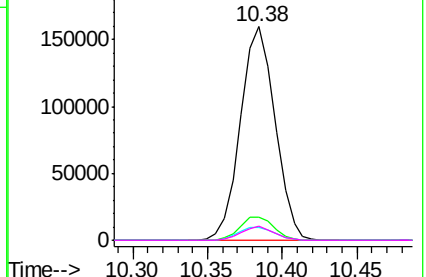
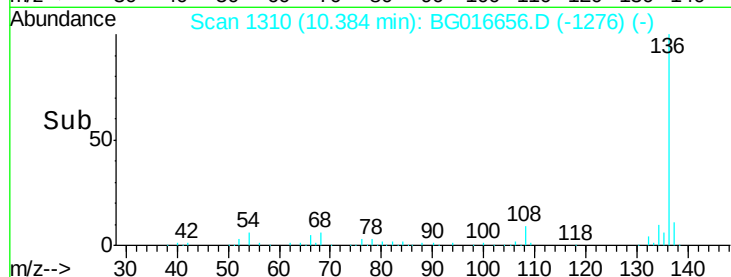


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.65 ng

RT: 8.42 min Scan# 976

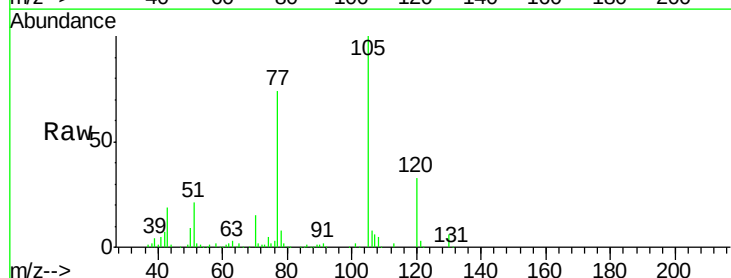
Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Tgt Ion:105 Resp: 140960

Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	21.3	16.5	24.7
120	32.8	27.8	41.6

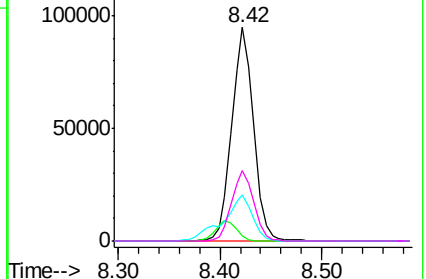
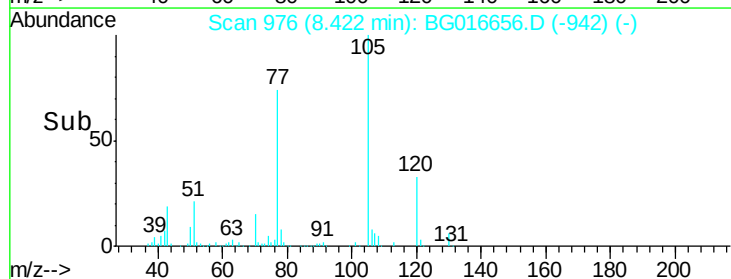


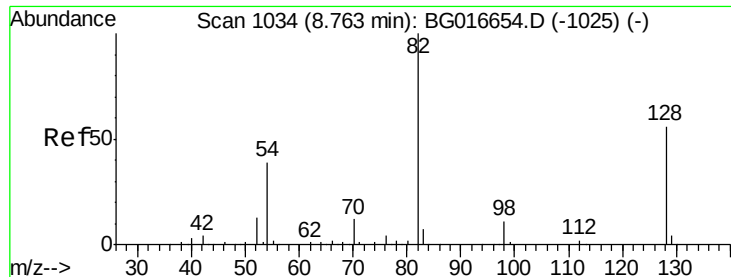
Abundance Ion 105.00 (104.70 to 105.70): E

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

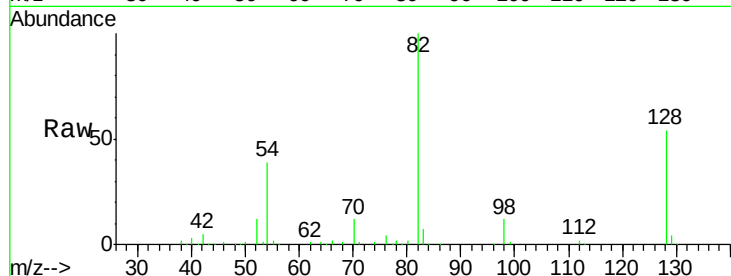




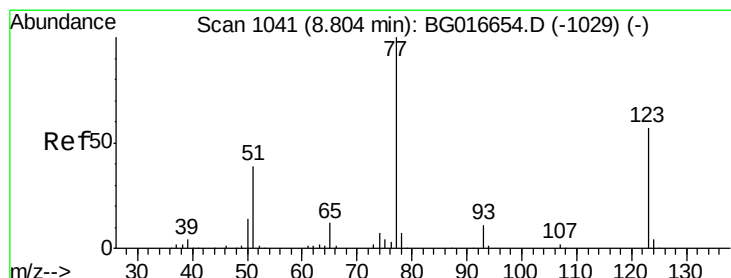
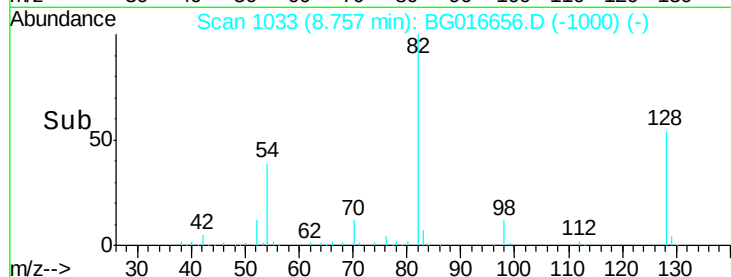
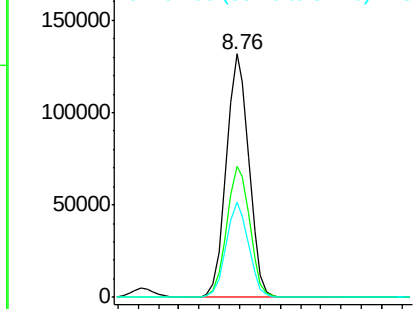
#23
Nitrobenzene-d5
Concen: 48.88 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	203516
Ion Ratio	100	Lower	Upper
128	53.8	44.7	67.1
54	39.1	30.9	46.3

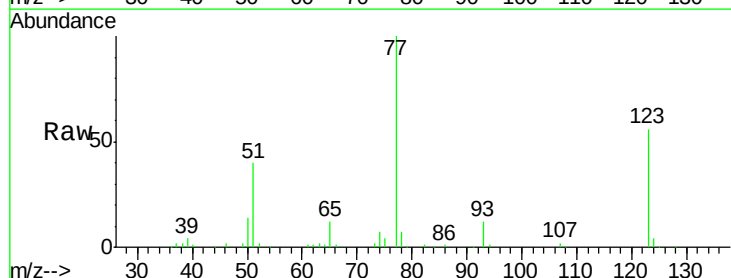


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

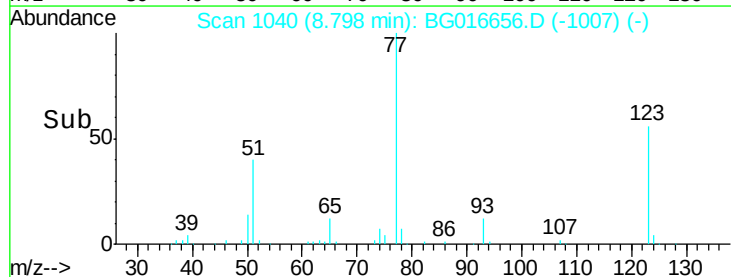
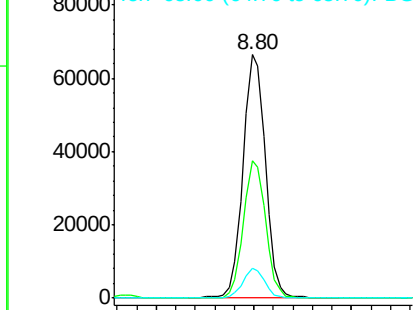


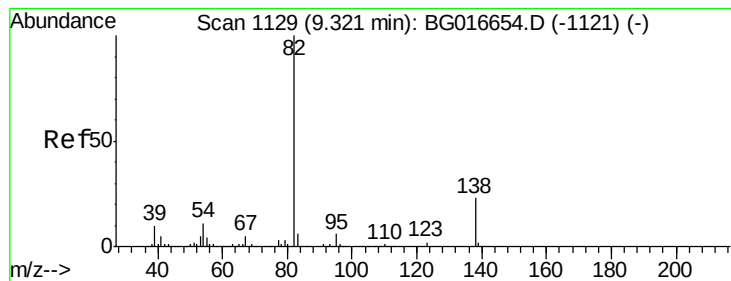
#24
Nitrobenzene
Concen: 24.68 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion	77	Resp	107023
Ion Ratio	100	Lower	Upper
123	56.4	45.6	68.4
65	12.0	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: 24.40 ng

RT: 9.32 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

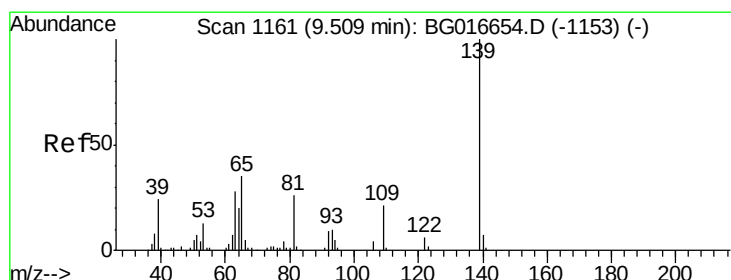
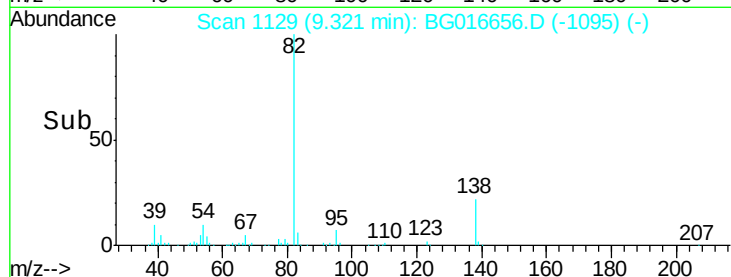
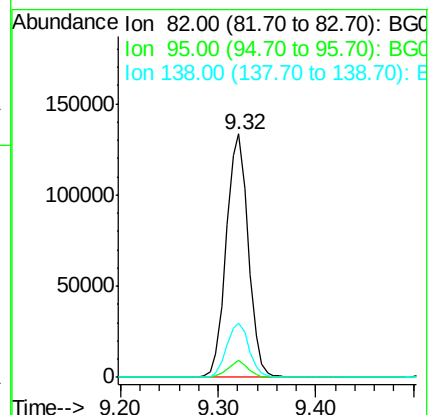
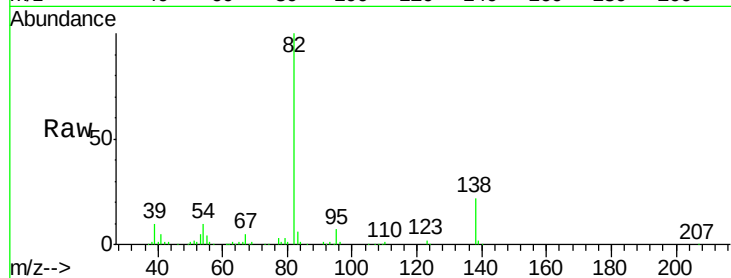
Tot Ion: 82 Resp: 208275

Ion Ratio Lower Upper

82 100

95 6.9 5.0 7.6

138 22.1 18.2 27.2



#26

2-Nitrophenol

Concen: 25.85 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

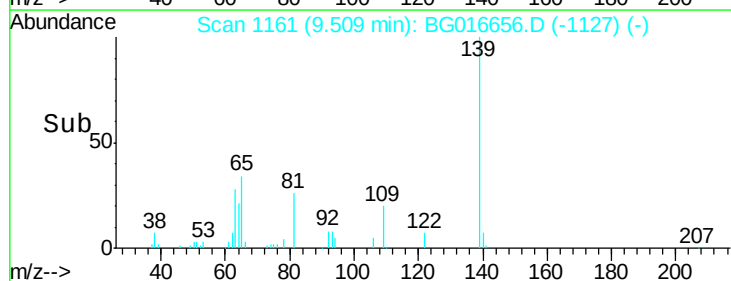
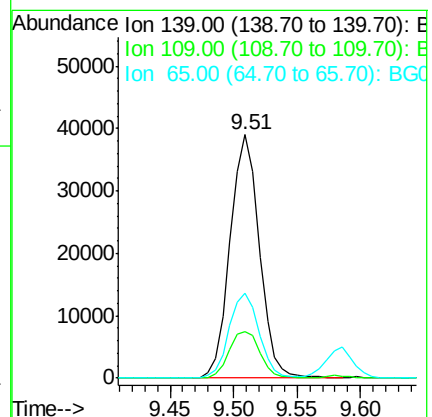
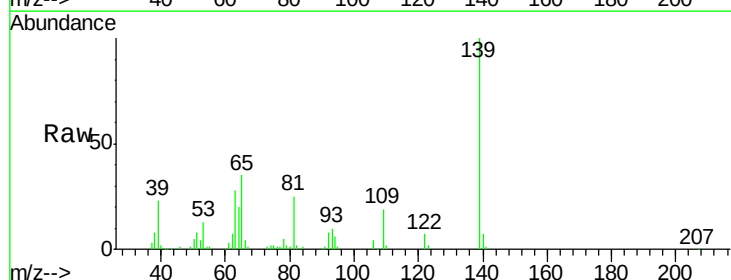
Tgt Ion: 139 Resp: 62137

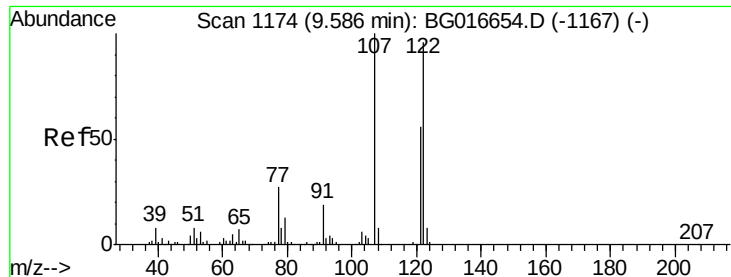
Ion Ratio Lower Upper

139 100

109 19.3 17.0 25.6

65 34.8 28.2 42.4





#27

2,4-Dimethylphenol

Concen: 24.95 ng

RT: 9.59 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

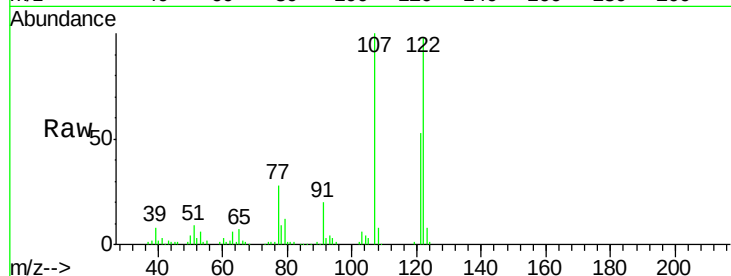
Tot Ion:122 Resp: 101808

Ion Ratio Lower Upper

122 100

107 102.0 83.6 125.4

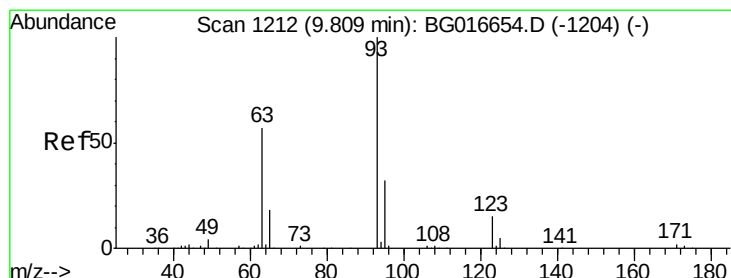
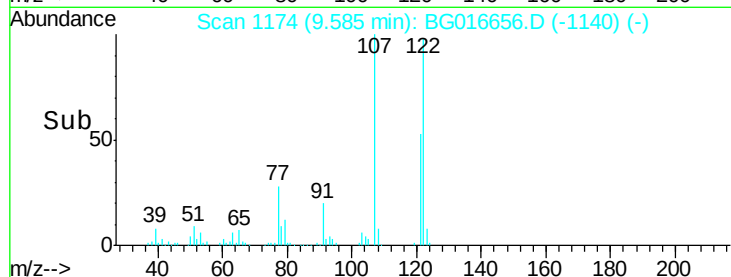
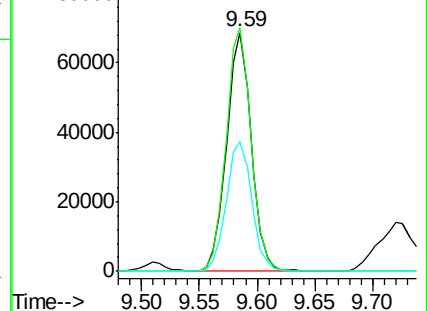
121 54.3 46.8 70.2



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: 24.39 ng

RT: 9.81 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

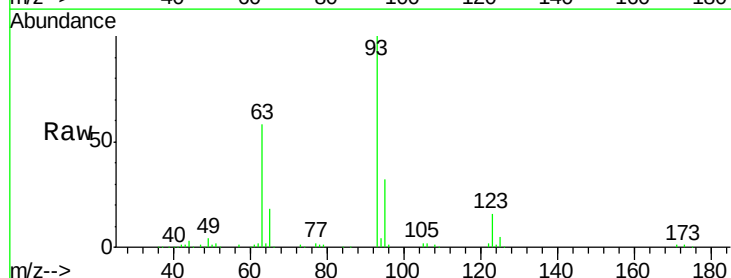
Tgt Ion: 93 Resp: 125185

Ion Ratio Lower Upper

93 100

95 32.0 25.4 38.2

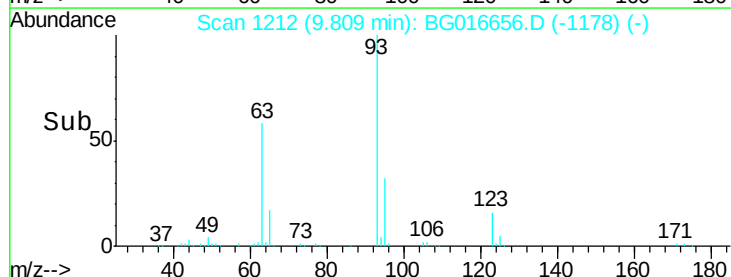
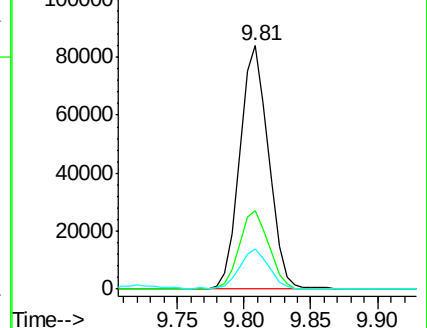
123 16.4 12.2 18.4

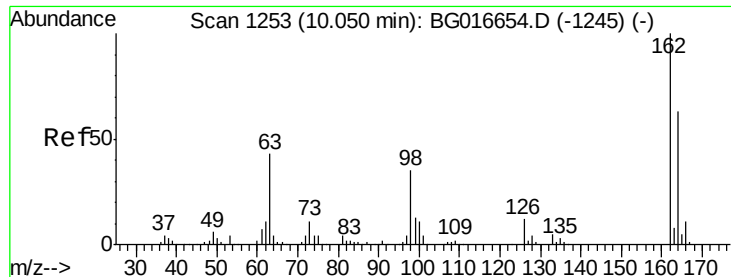


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

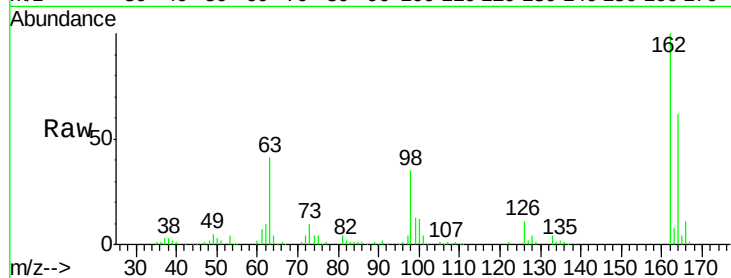




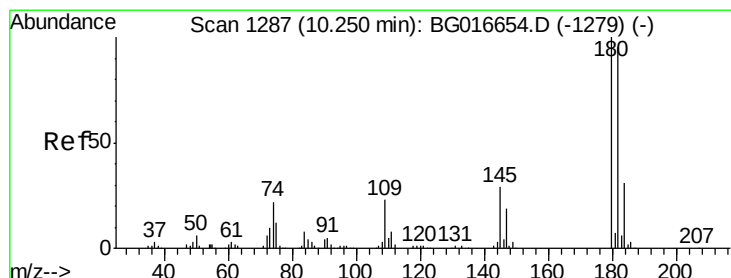
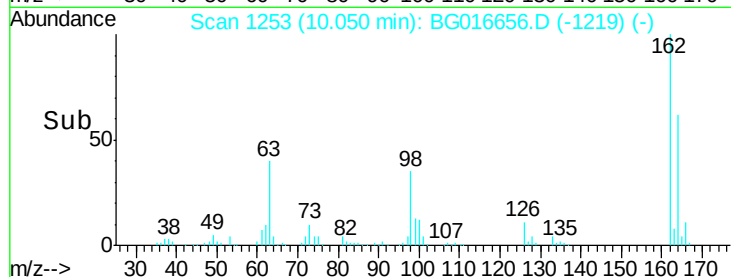
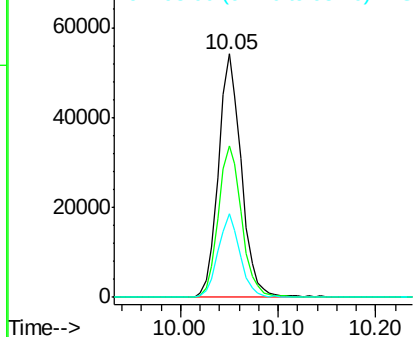
#29
 2,4-Dichlorophenol
 Concen: 25.94 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 87922
 Ion Ratio Lower Upper
 162 100
 164 62.4 42.9 82.9
 98 34.5 15.4 55.4

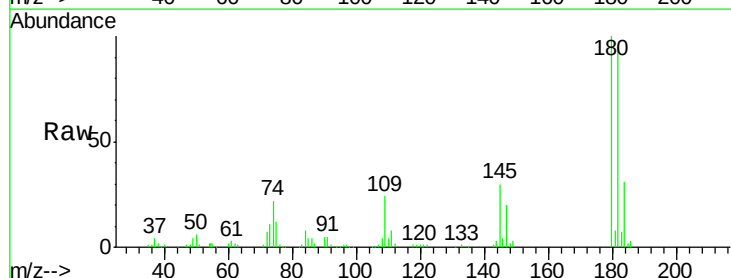


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

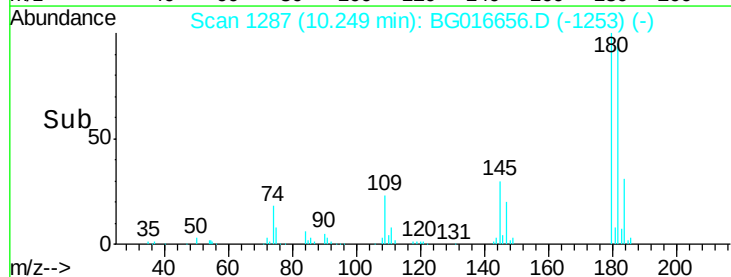
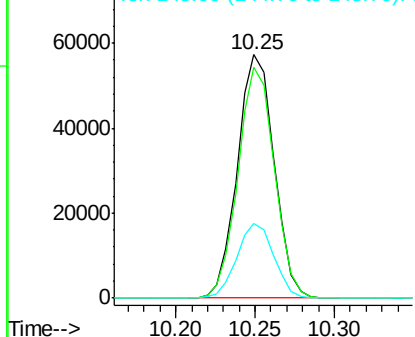


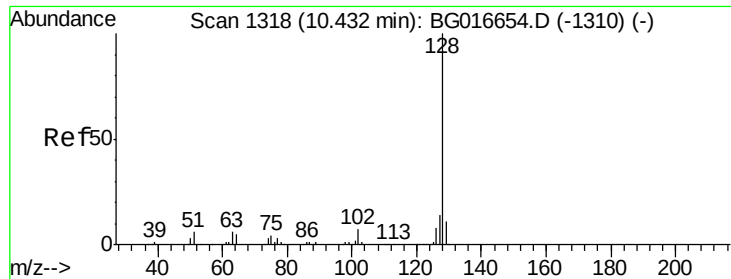
#30
 1,2,4-Trichlorobenzene
 Concen: 25.49 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:180 Resp: 91957
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 30.5 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

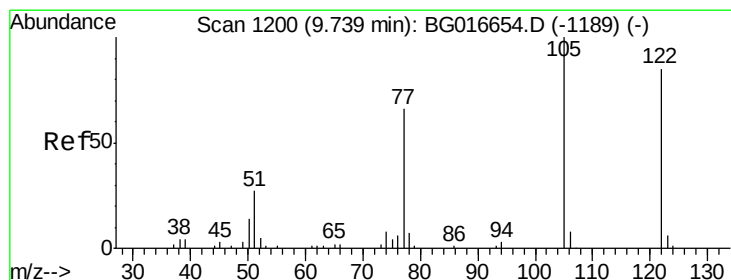
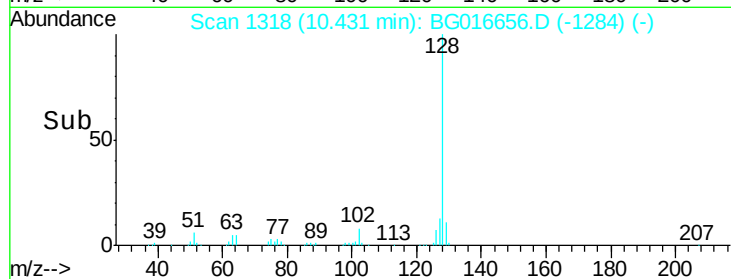
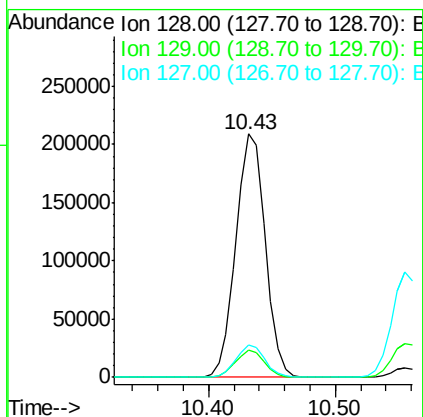
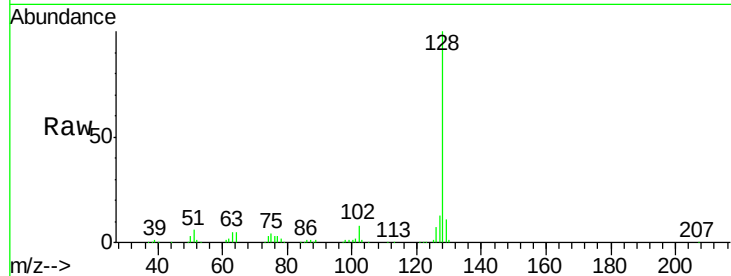




#31
Naphthalene
Concen: 24.99 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

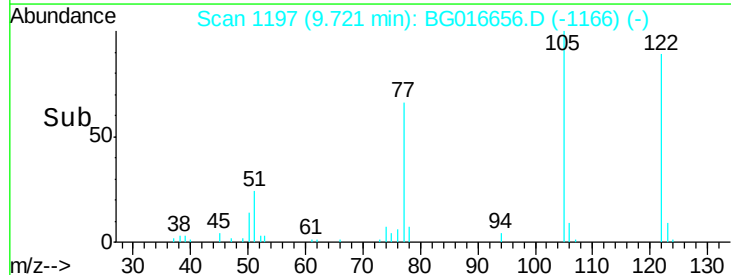
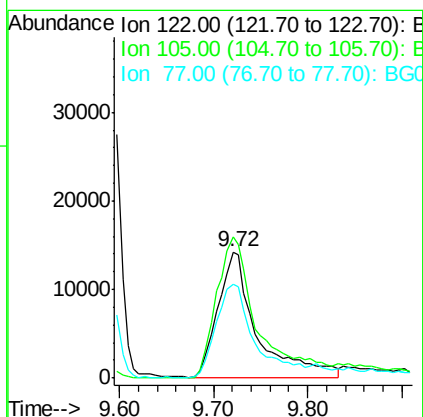
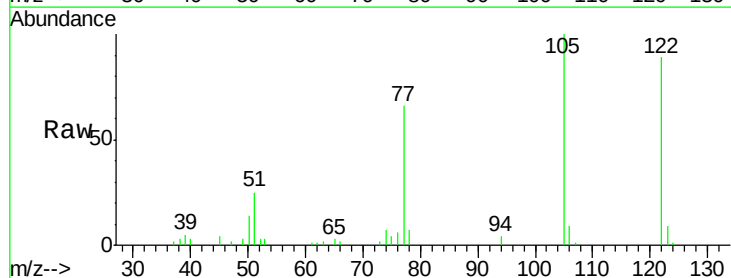
Instrument :
BNA_G
ClientSampled :

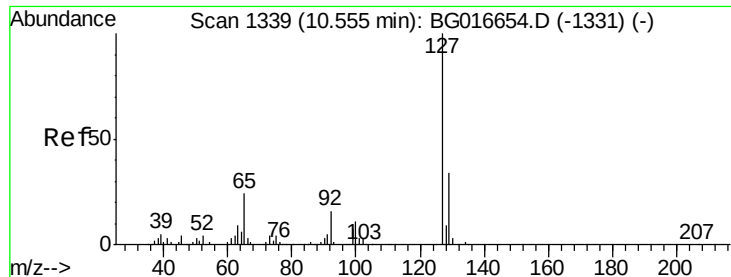
Tot Ion:128 Resp: 335544
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 11.1 16.7



#32
Benzoic acid
Concen: 29.78 ng
RT: 9.72 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:122 Resp: 41663
Ion Ratio Lower Upper
122 100
105 111.9 97.2 137.2
77 74.0 58.4 98.4

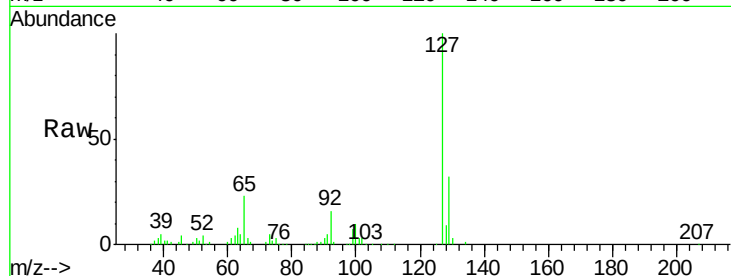




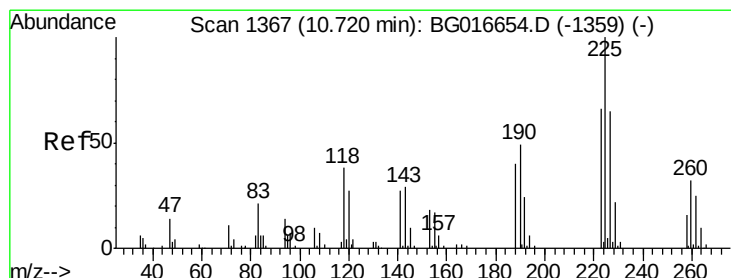
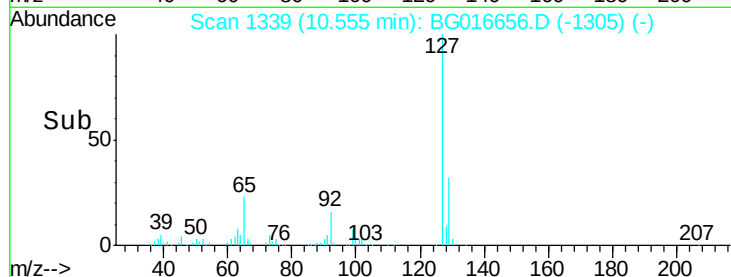
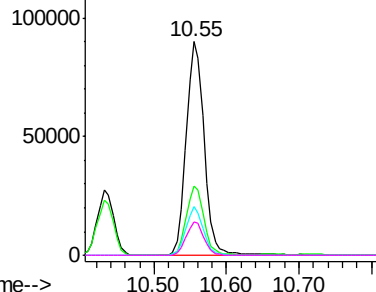
#33
4-Chloroaniline
Concen: 25.34 ng
RT: 10.55 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	155142
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.4	41.2
65	22.6	19.1	28.7
92	15.9	12.6	18.8

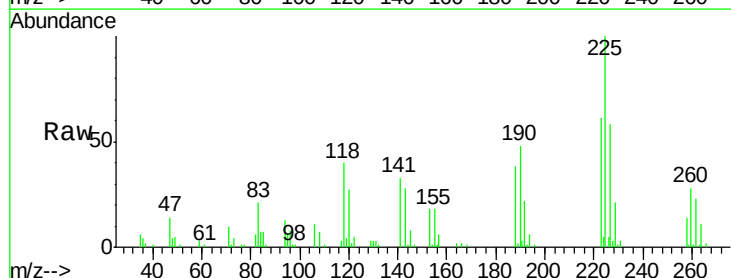


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

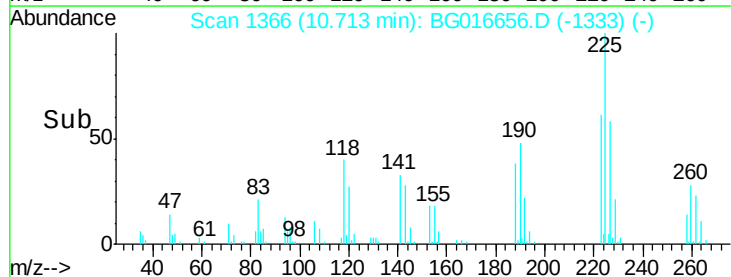
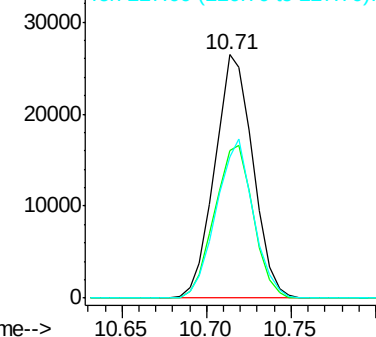


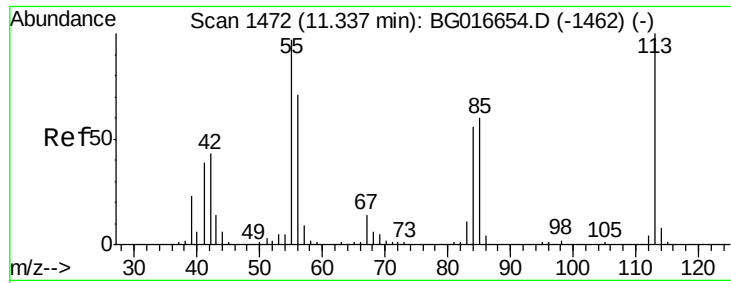
#34
Hexachlorobutadiene
Concen: 25.72 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:	225	Resp:	41466
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	79.0
227	57.8	52.0	78.0



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

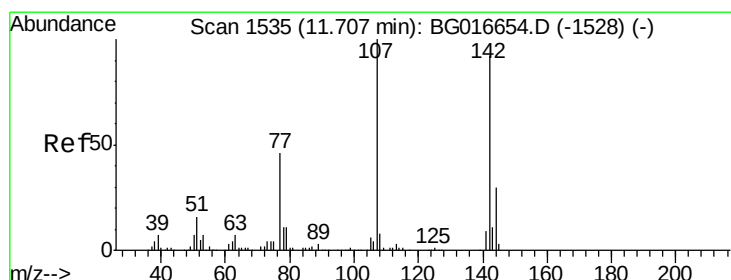
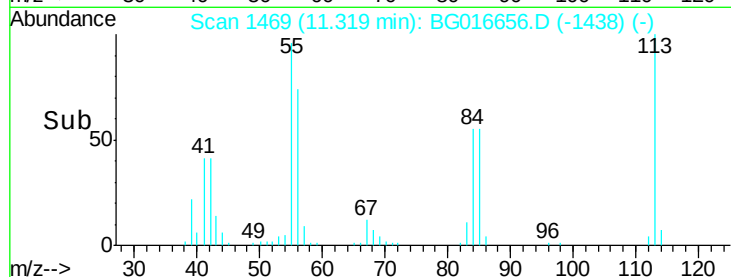
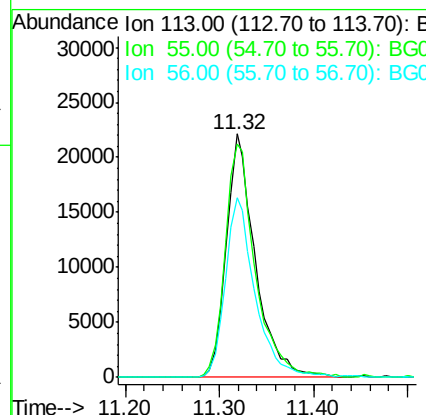
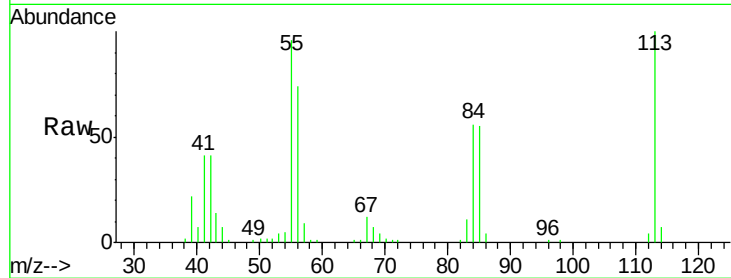




#35
 Caprolactam
 Concen: 24.63 ng
 RT: 11.32 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

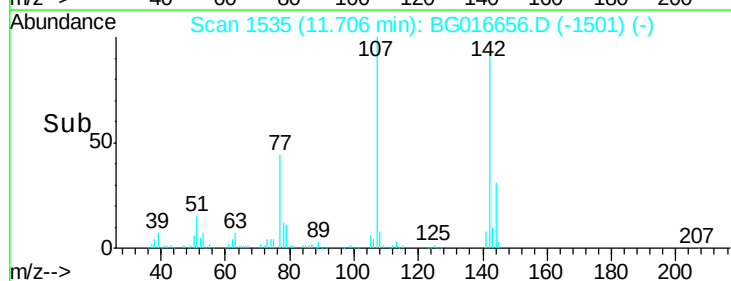
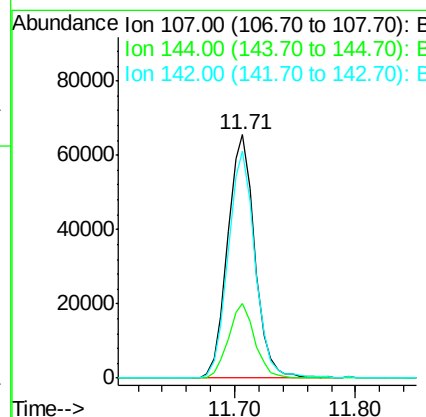
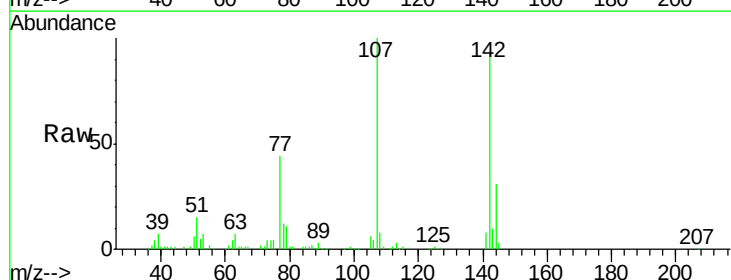
Instrument :
 BNA_G
 ClientSampled :

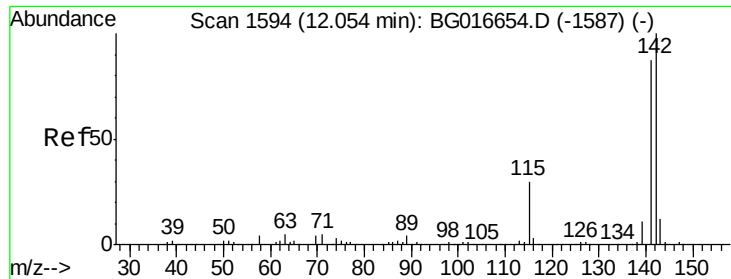
Tot Ion:113 Resp: 47455
 Ion Ratio Lower Upper
 113 100
 55 96.0 77.1 117.1
 56 73.8 51.4 91.4



#36
 4-Chloro-3-methylphenol
 Concen: 25.25 ng
 RT: 11.71 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:107 Resp: 102375
 Ion Ratio Lower Upper
 107 100
 144 30.8 24.2 36.4
 142 93.4 73.8 110.6

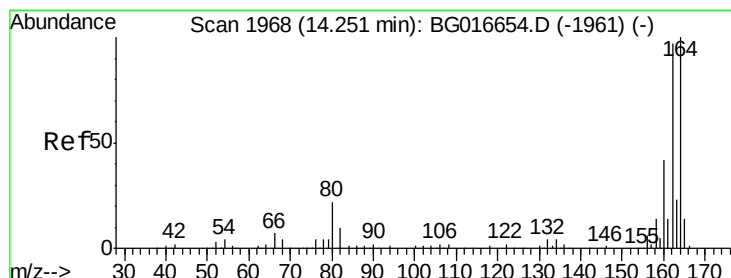
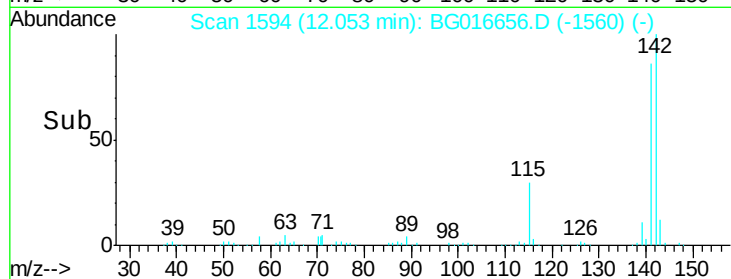
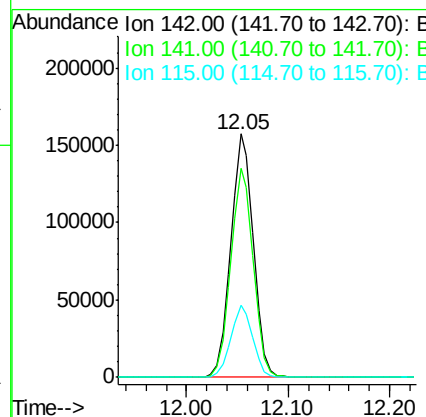
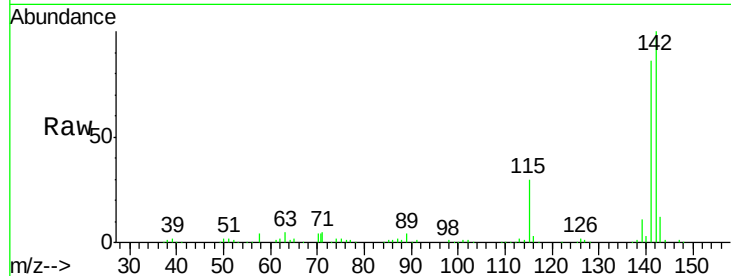




#37
2-Methylnaphthalene
Concen: 25.09 ng
RT: 12.05 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

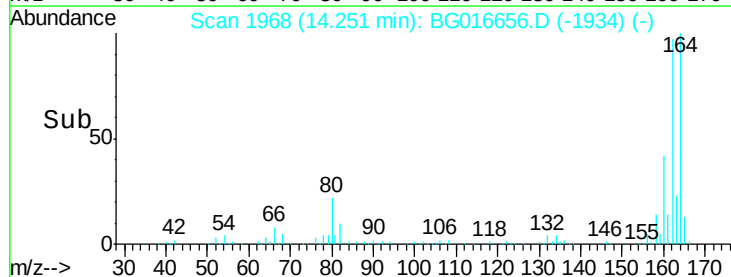
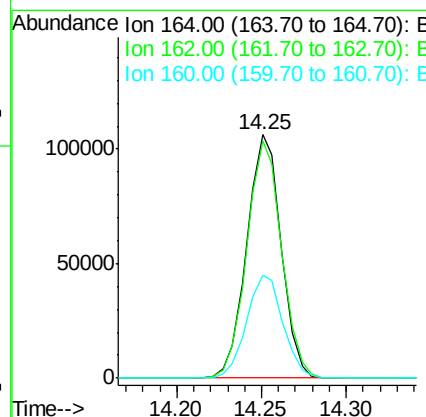
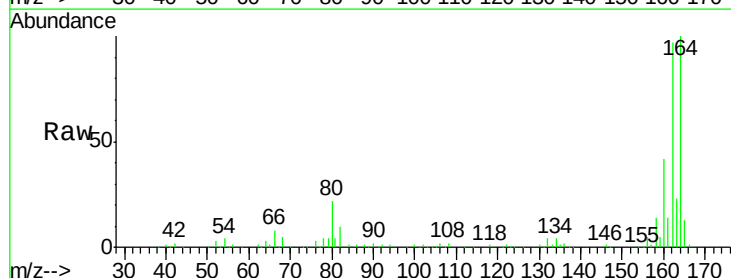
Instrument :
BNA_G
ClientSampleId :

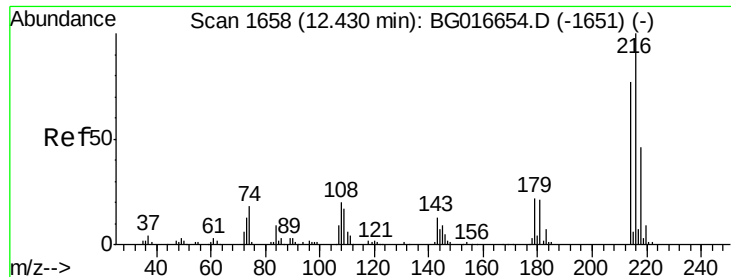
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9
115	29.7	24.0	36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.3	115.9
160	42.4	33.7	50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.19 ng

RT: 12.43 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 88503

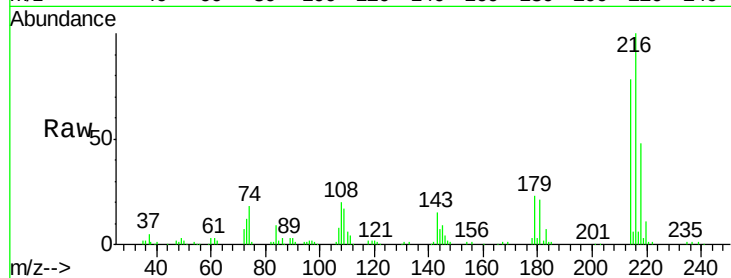
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 22.4 17.6 26.4

108 22.3 18.1 27.1

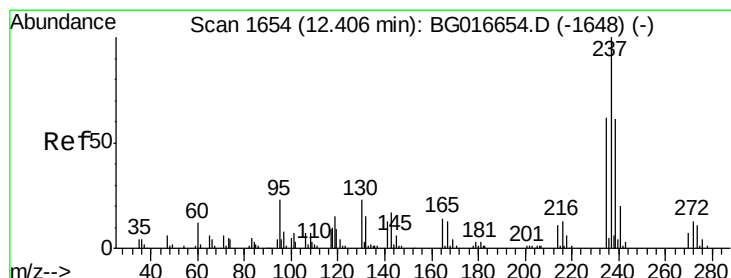
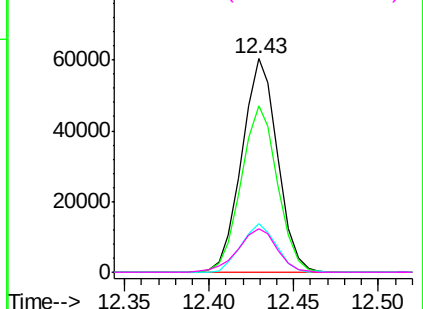
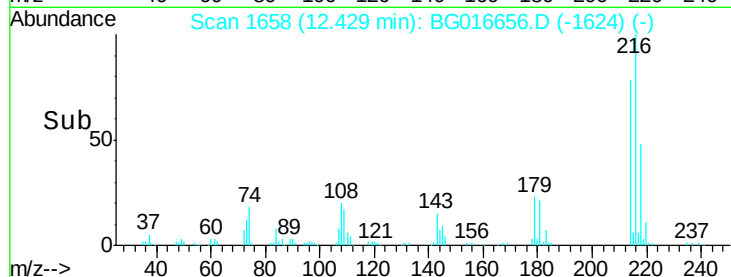


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.66 ng

RT: 12.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

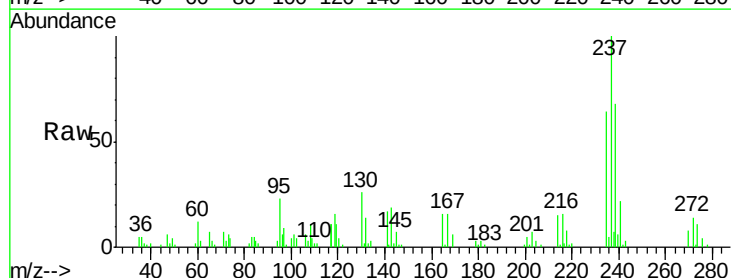
Tgt Ion:237 Resp: 25048

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

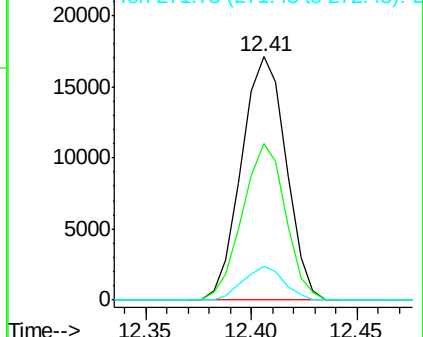
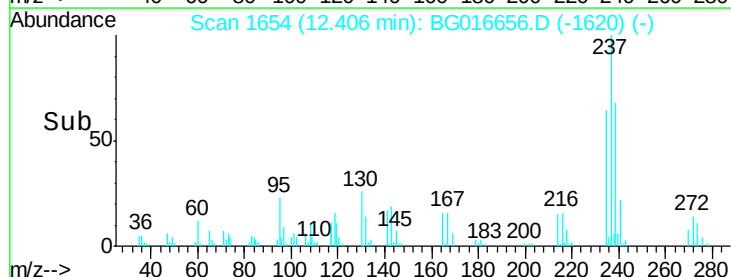
272 13.7 0.0 32.8

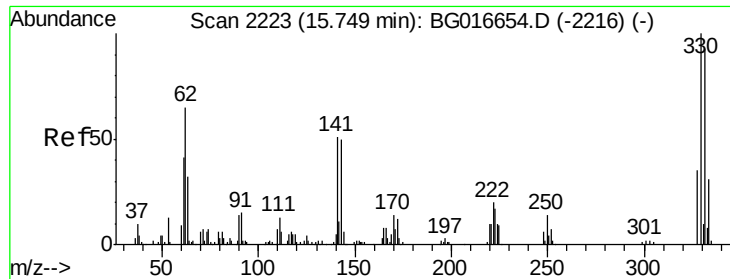


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

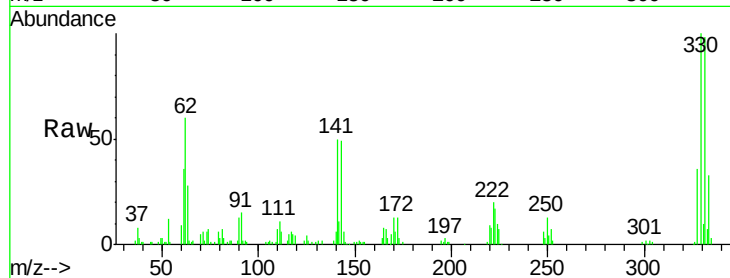




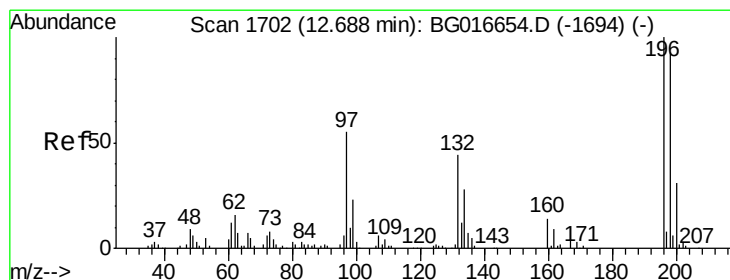
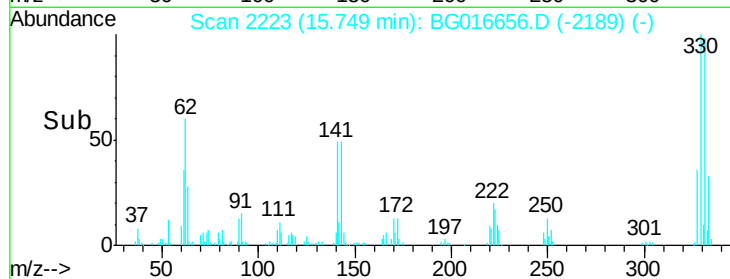
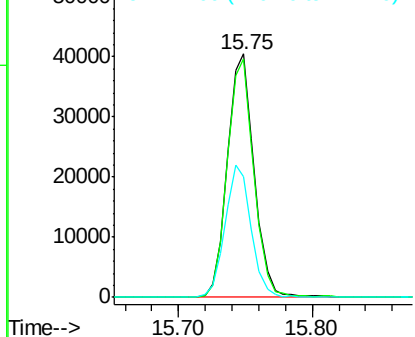
#41
 2,4,6-Tribromophenol
 Concen: 55.04 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 56586
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 53.5 43.0 64.6

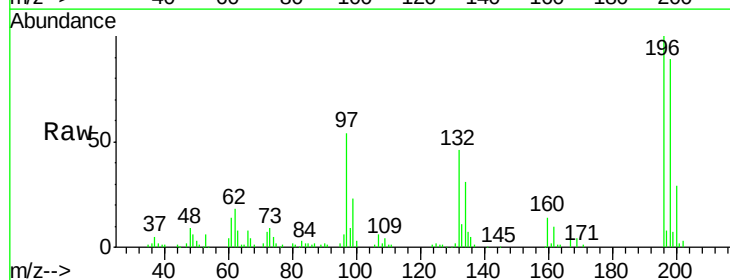


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

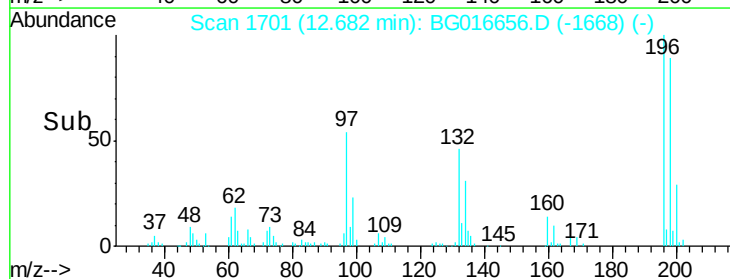
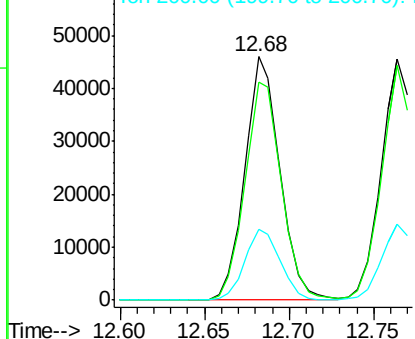


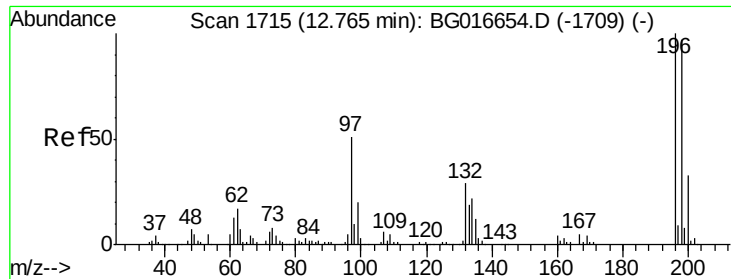
#42
 2,4,6-Trichlorophenol
 Concen: 26.58 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:196 Resp: 66235
 Ion Ratio Lower Upper
 196 100
 198 89.4 74.6 111.8
 200 29.0 24.6 37.0



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

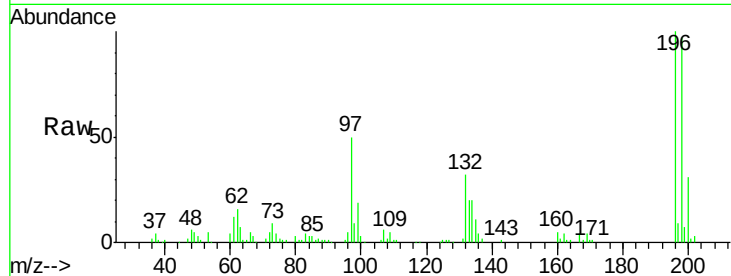




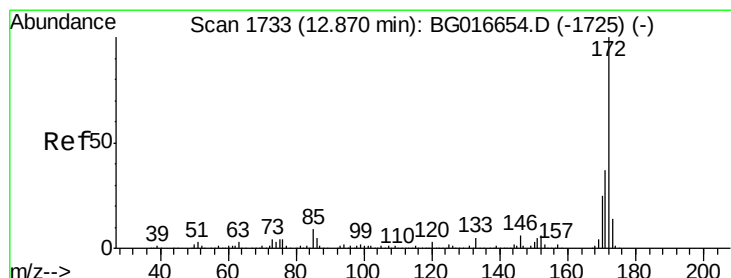
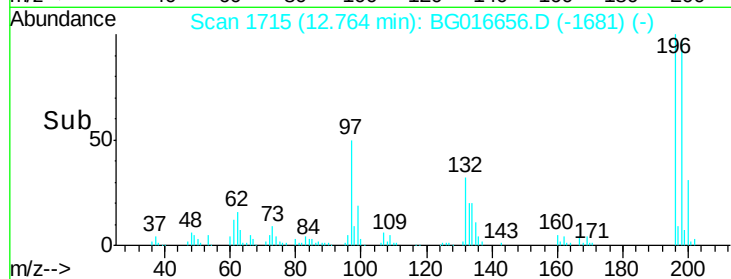
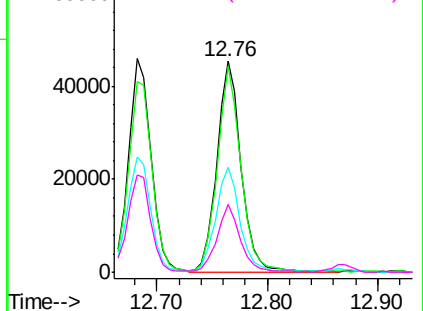
#43
 2,4,5-Trichlorophenol
 Concen: 26.39 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.5	77.4	116.0	
97	49.5	40.9	61.3	
132	32.3	23.2	34.8	

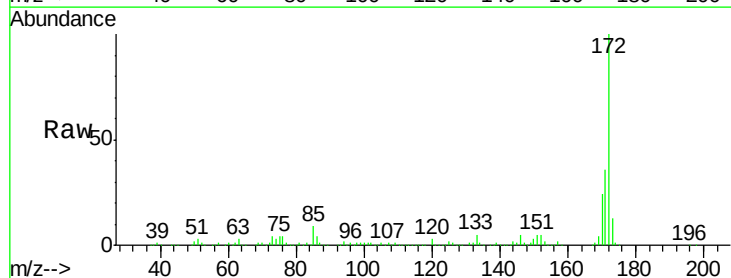


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

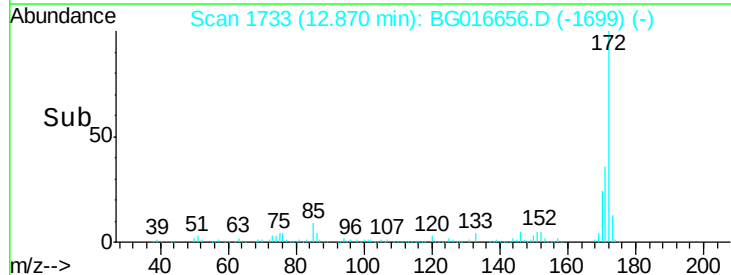
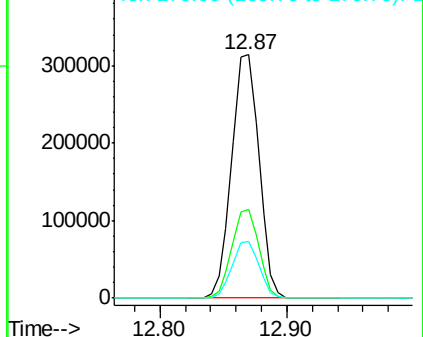


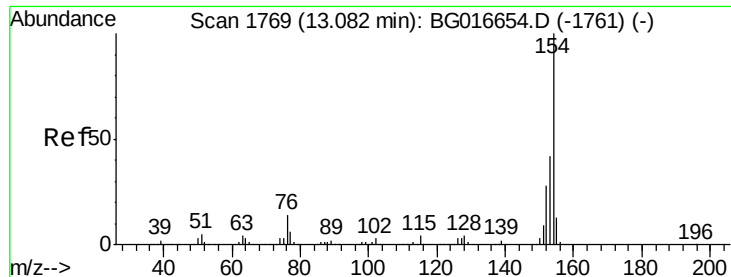
#44
 2-Fluorobiphenyl
 Concen: 50.80 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.9	44.9	
170	23.5	19.8	29.8	



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: 25.01 ng

RT: 13.08 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

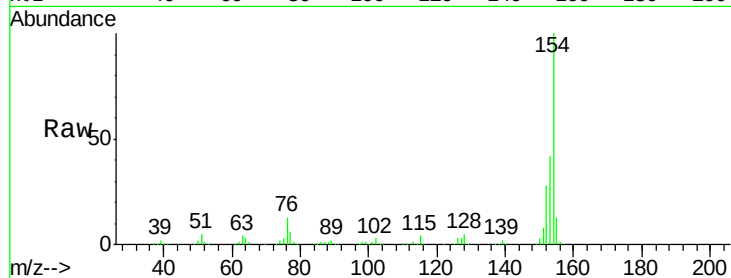
Tot Ion:154 Resp: 292612

Ion Ratio Lower Upper

154 100

153 41.6 21.8 61.8

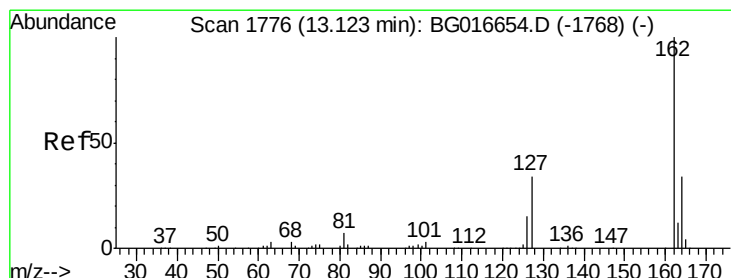
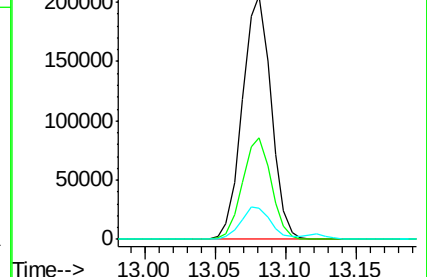
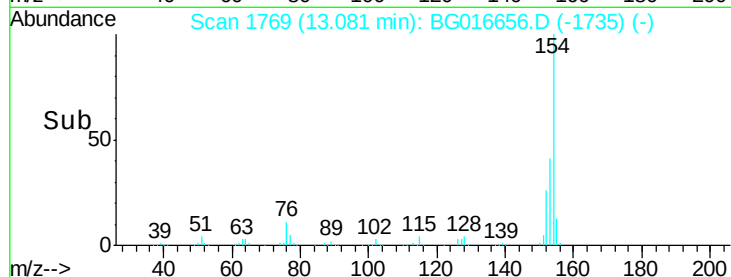
76 12.9 0.0 33.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 25.16 ng

RT: 13.12 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

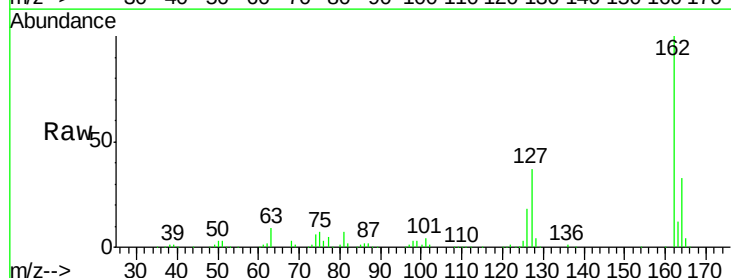
Tgt Ion:162 Resp: 224907

Ion Ratio Lower Upper

162 100

127 37.4 30.4 45.6

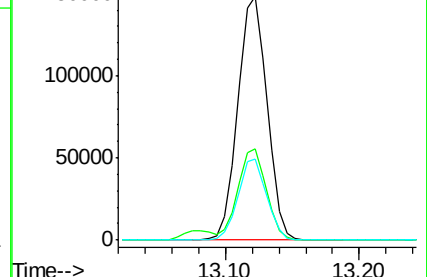
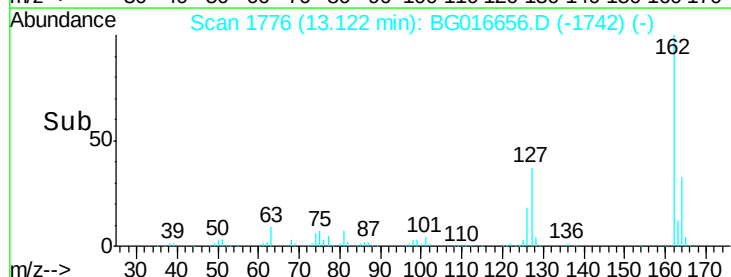
164 33.3 26.9 40.3

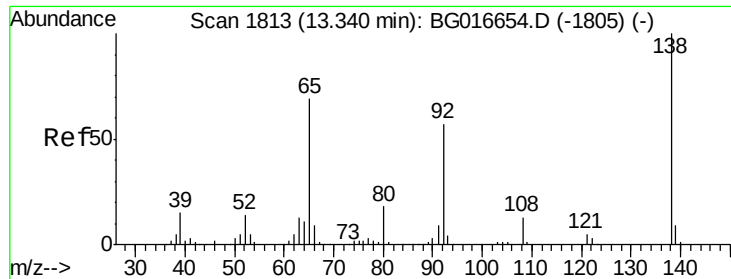


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

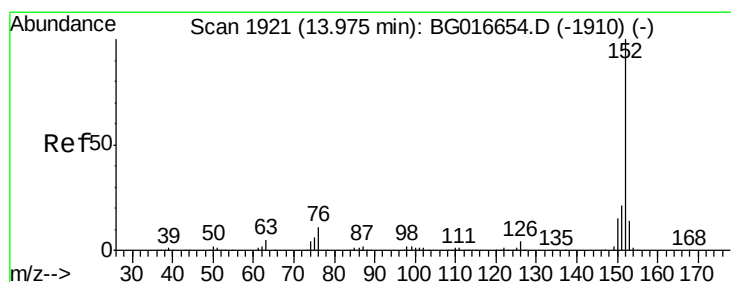
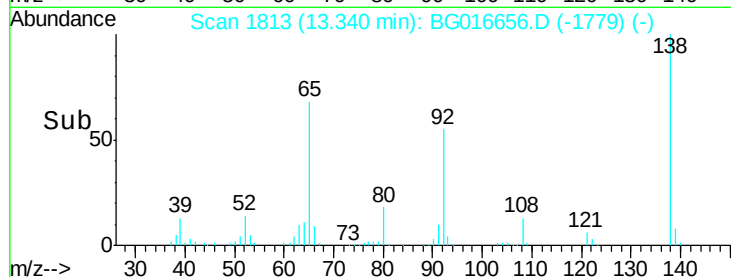
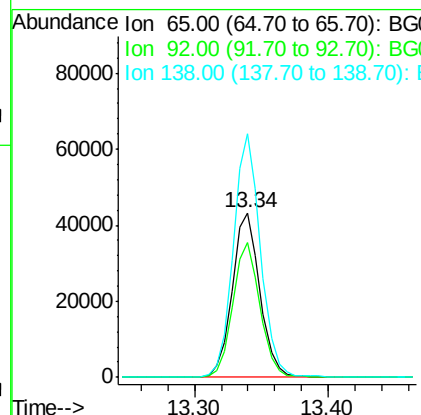
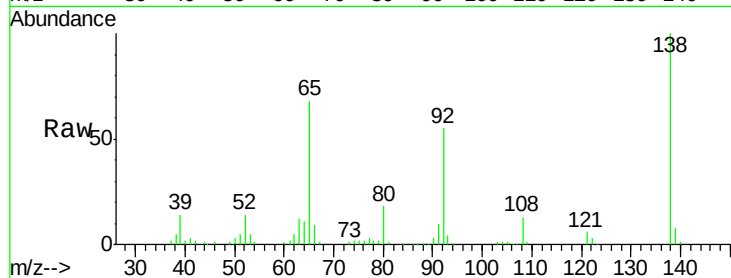




#47
 2-Nitroaniline
 Concen: 24.48 ng
 RT: 13.34 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

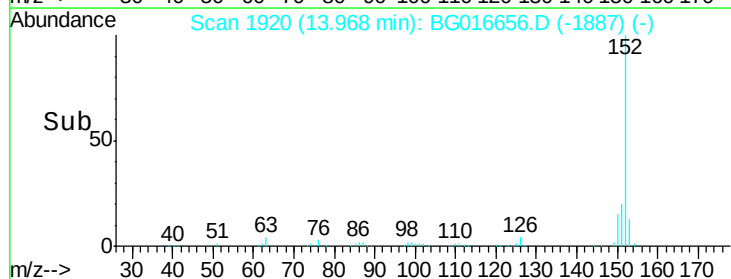
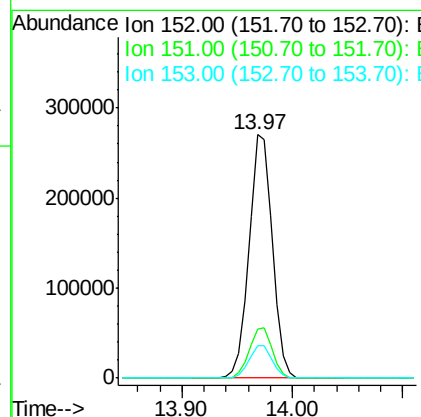
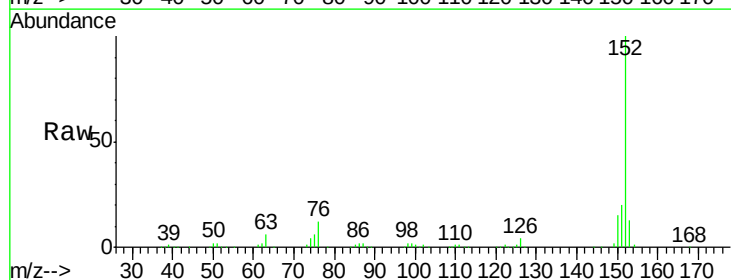
Instrument :
 BNA_G
 ClientSampleId :

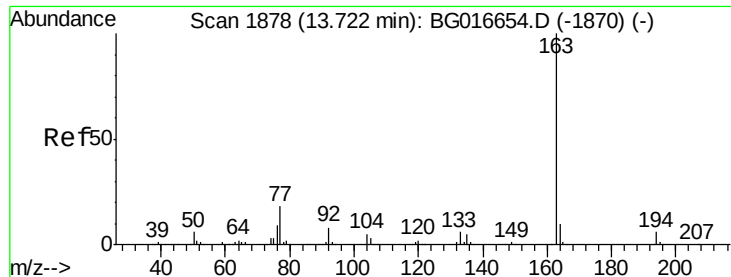
Tot Ion: 65 Resp: 62742
 Ion Ratio Lower Upper
 65 100
 92 82.0 65.9 98.9
 138 148.1 115.4 173.2



#48
 Acenaphthylene
 Concen: 25.29 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion: 152 Resp: 399684
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.7 25.1
 153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 25.31 ng

RT: 13.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

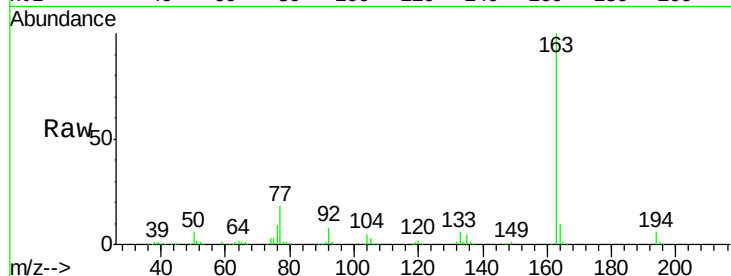
Tot Ion:163 Resp: 281444

Ion Ratio Lower Upper

163 100

194 5.7 5.0 7.4

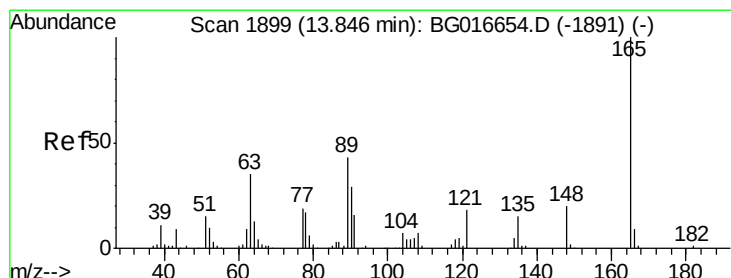
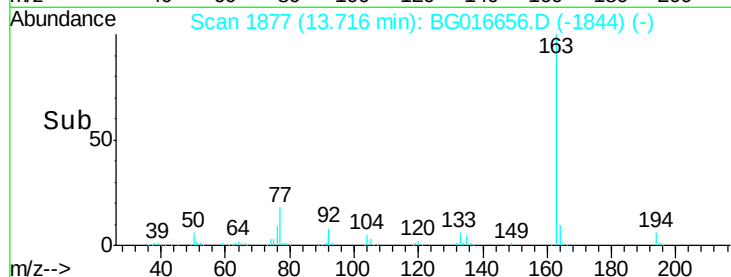
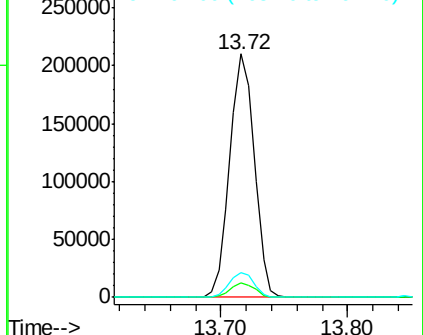
164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 25.07 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

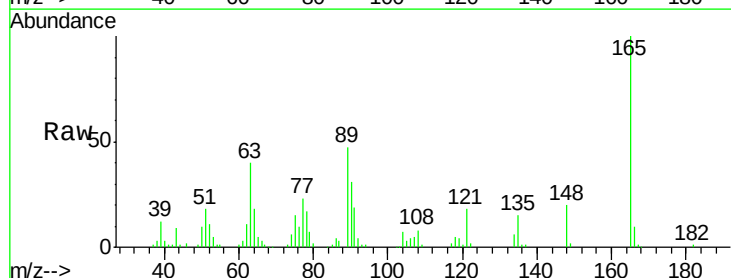
Tgt Ion:165 Resp: 68591

Ion Ratio Lower Upper

165 100

63 40.2 31.5 47.3

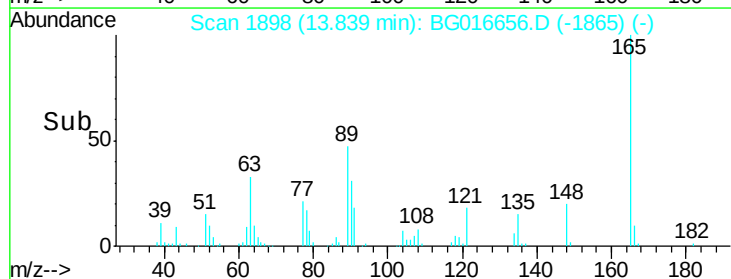
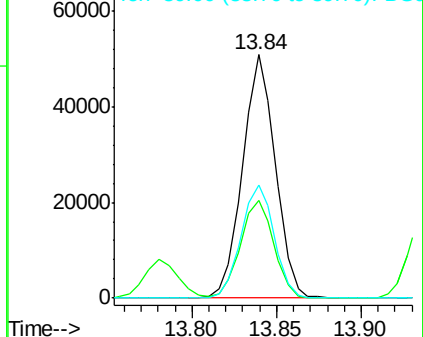
89 46.6 34.7 52.1

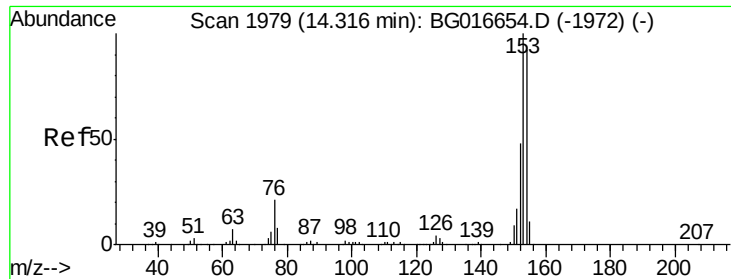


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 24.88 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

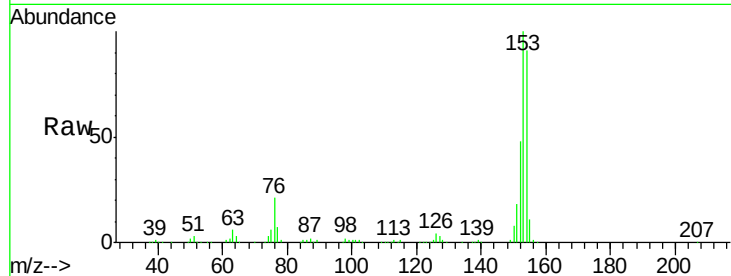
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 234847

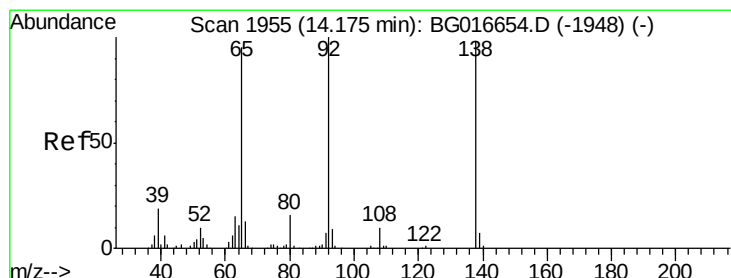
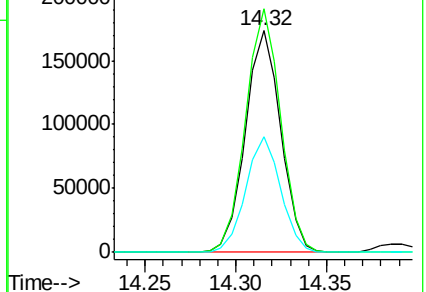
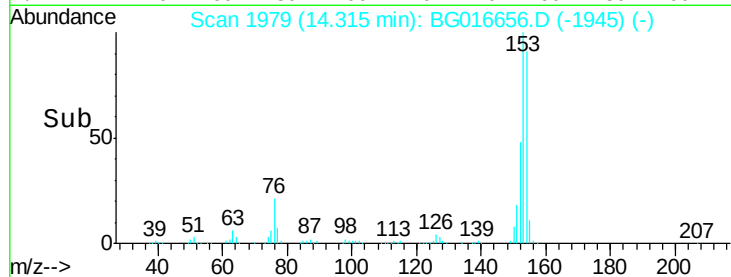
Ion	Ratio	Lower	Upper
154	100		
153	109.8	87.0	130.6
152	52.4	41.6	62.4



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: 25.47 ng

RT: 14.17 min Scan# 1955

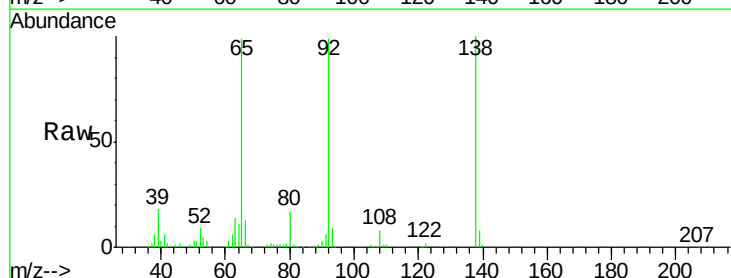
Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Tgt Ion:138 Resp: 85485

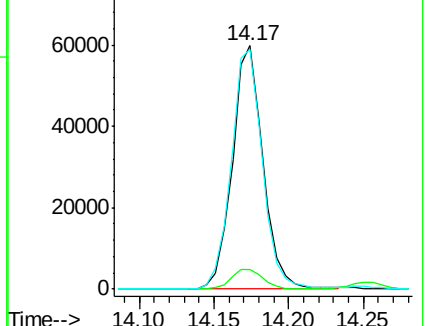
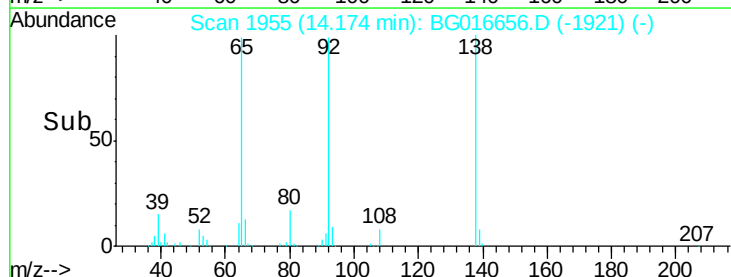
Ion	Ratio	Lower	Upper
138	100		
108	8.0	7.8	11.6
92	98.5	81.9	122.9

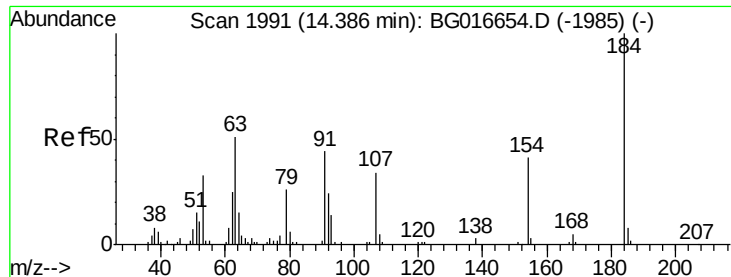


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

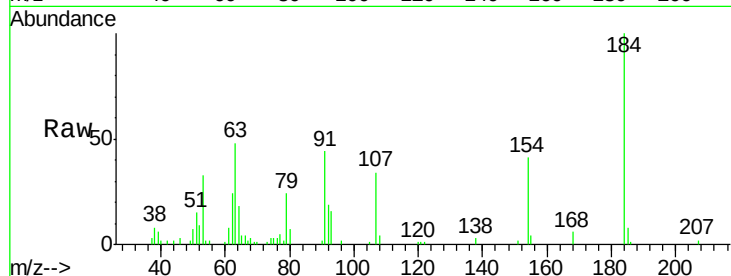




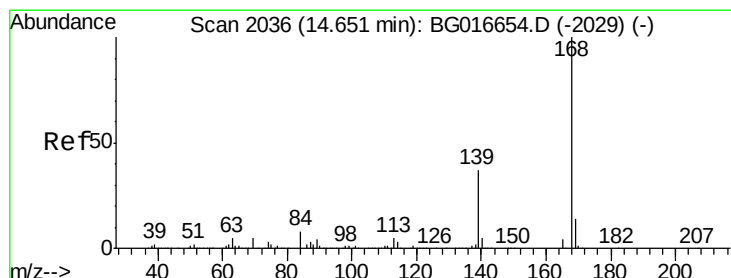
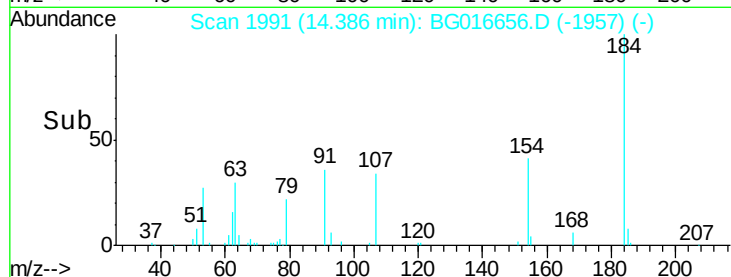
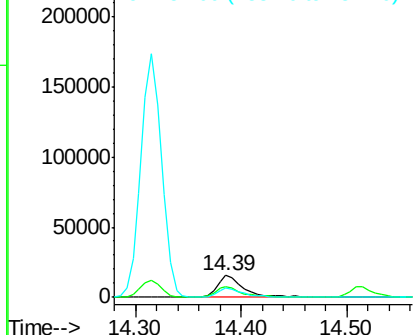
#53
2,4-Dinitrophenol
Concen: 26.09 ng
RT: 14.39 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 27064
Ion Ratio Lower Upper
184 100
63 48.3 40.7 61.1
154 41.5 34.1 51.1

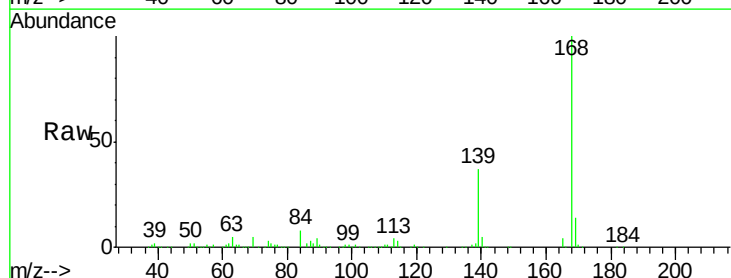


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

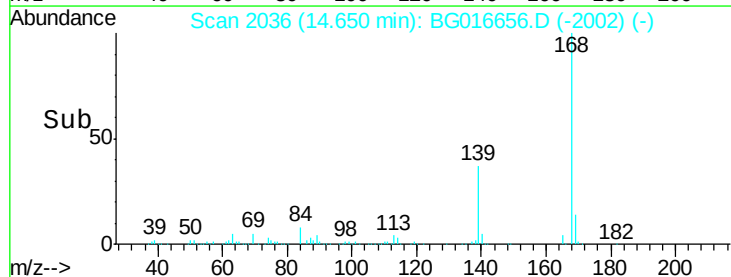
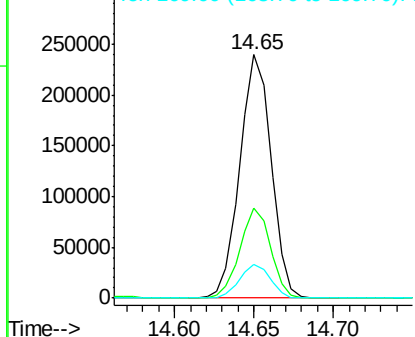


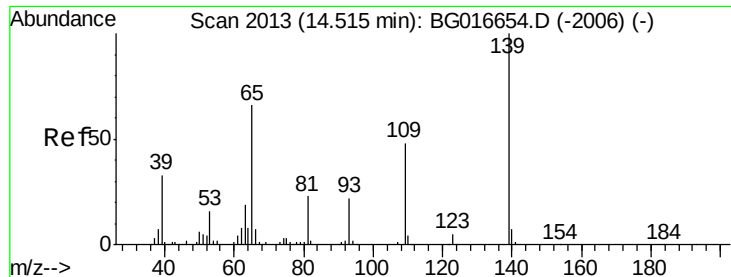
#54
Dibenzofuran
Concen: 24.85 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:168 Resp: 329226
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 14.0 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

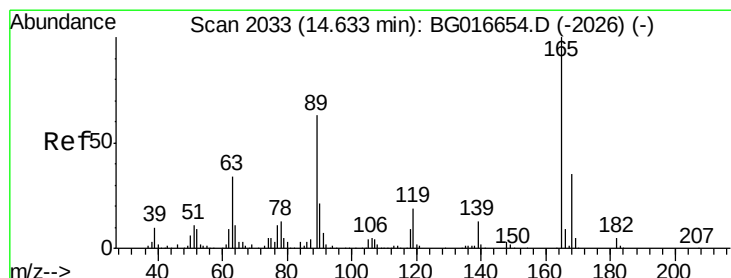
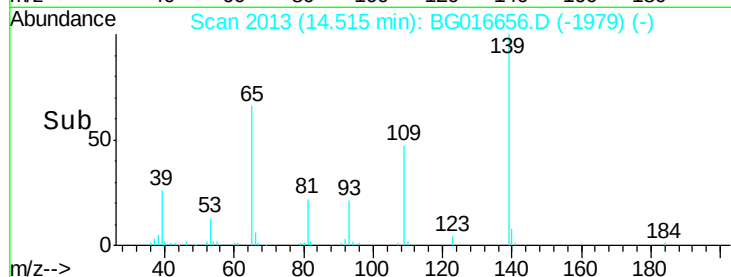
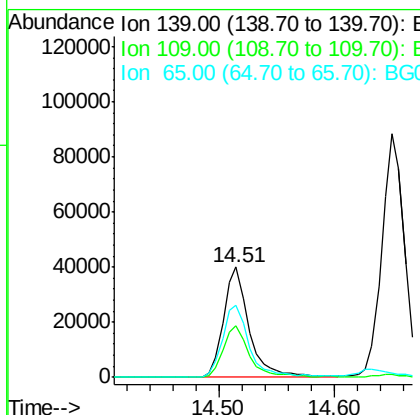
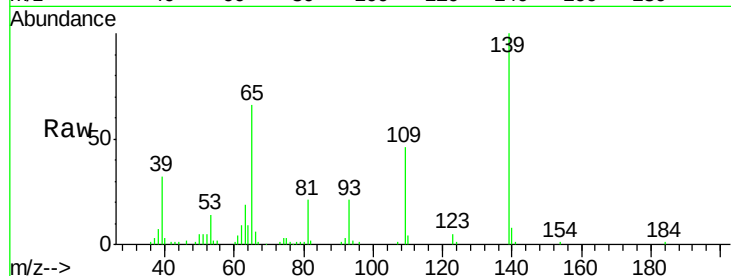




#55
4-Nitrophenol
Concen: 24.60 ng
RT: 14.51 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

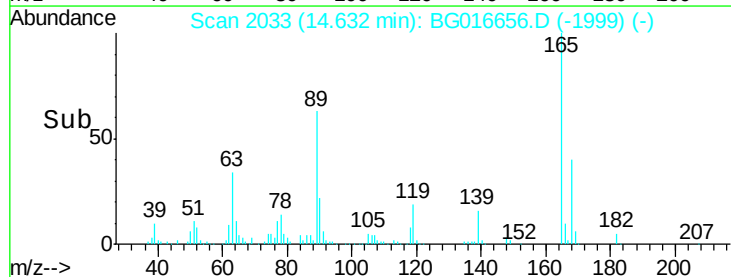
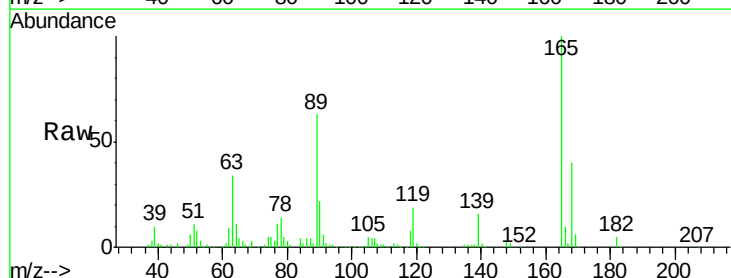
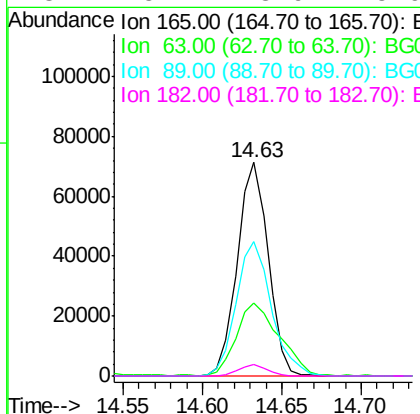
Instrument :
BNA_G
ClientSampleId :

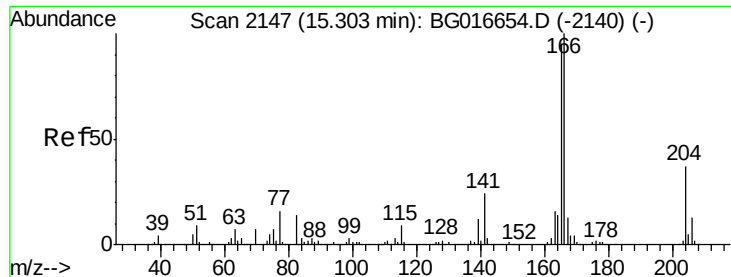
Tot Ion	Ratio	Lower	Upper
139	100		
109	46.4	27.8	67.8
65	65.9	46.3	86.3



#56
2,4-Dinitrotoluene
Concen: 25.71 ng
RT: 14.63 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.2	27.4	41.0
89	62.7	50.6	75.8
182	5.4	3.9	5.9

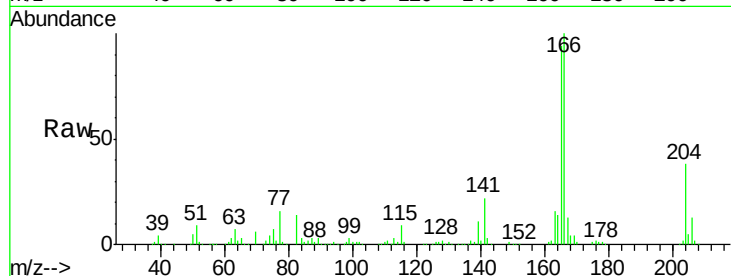




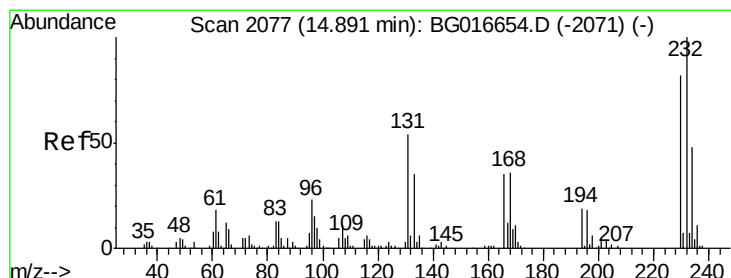
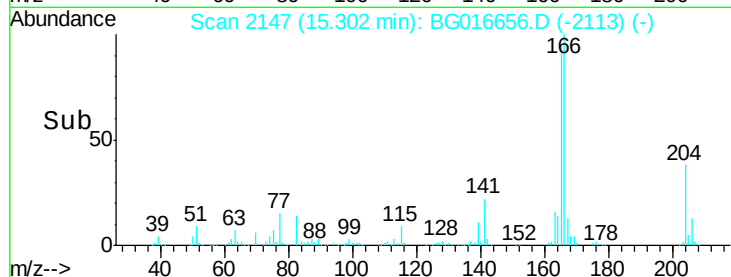
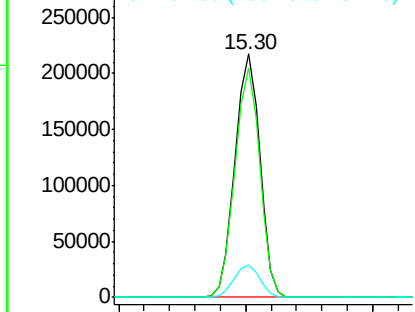
#57
 Fluorene
 Concen: 25.36 ng
 RT: 15.30 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:166 Resp: 295319
 Ion Ratio Lower Upper
 166 100
 165 94.4 75.6 113.4
 167 13.5 10.7 16.1

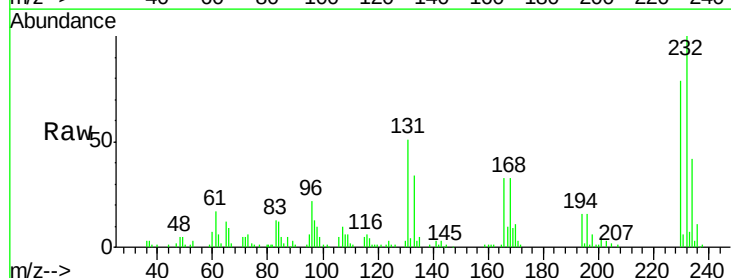


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

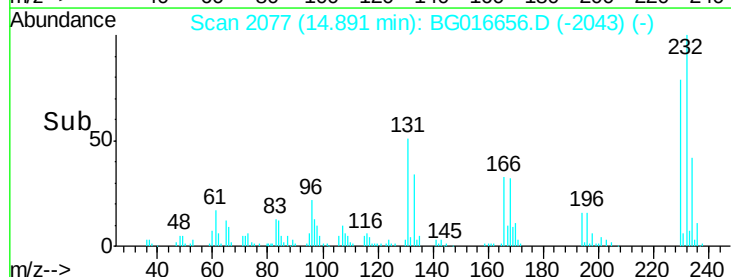
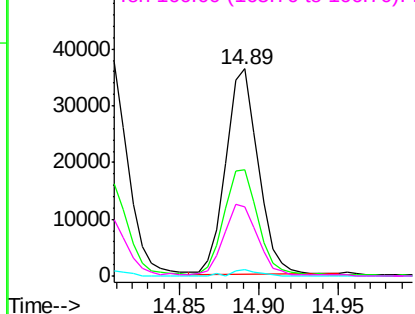


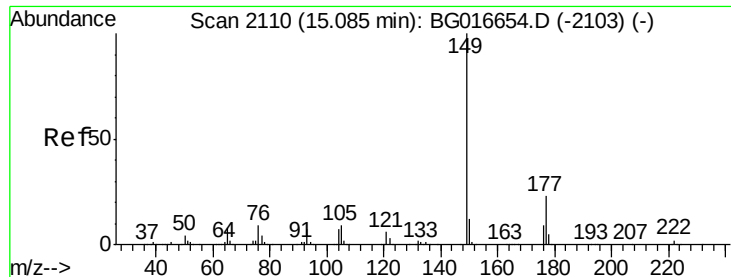
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.09 ng
 RT: 14.89 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:232 Resp: 51552
 Ion Ratio Lower Upper
 232 100
 131 54.0 43.9 65.9
 130 2.5 2.4 3.6
 166 37.4 29.5 44.3



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

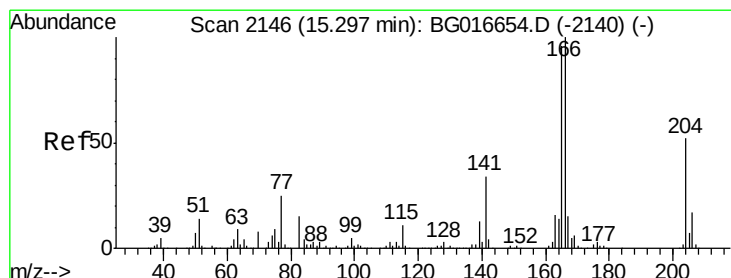
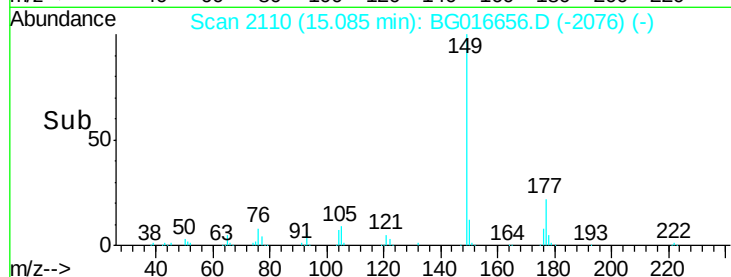
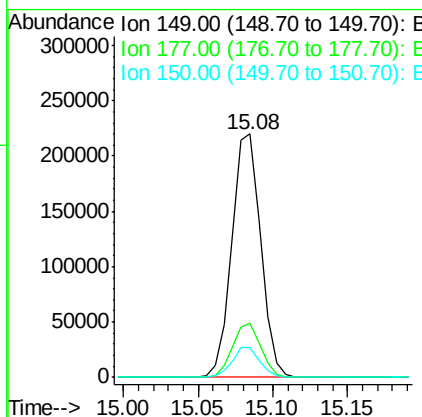
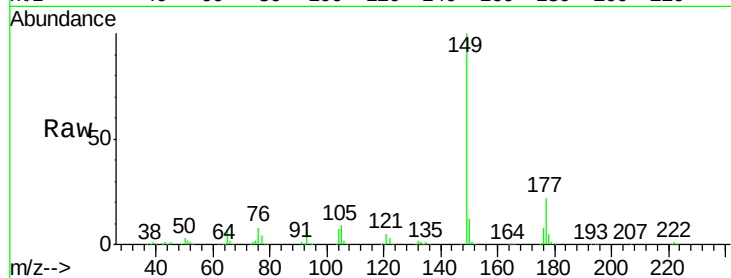




#59
Diethylphthalate
Concen: 25.32 ng
RT: 15.08 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

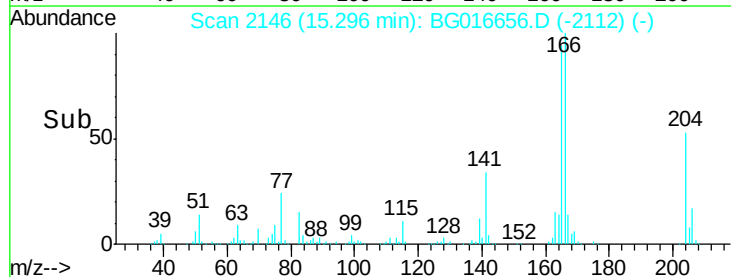
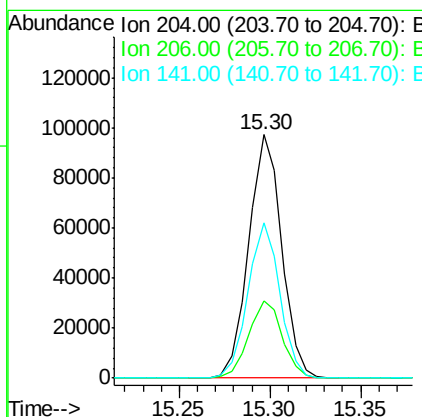
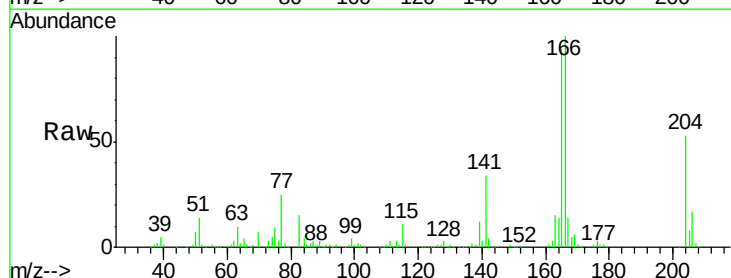
Instrument :
BNA_G
ClientSampled :

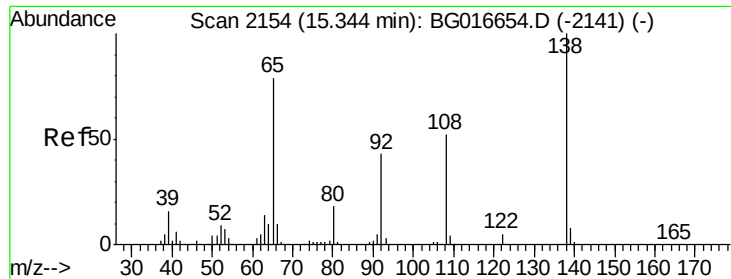
Tot Ion:149 Resp: 298122
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 25.45 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:204 Resp: 122470
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 63.6 52.3 78.5

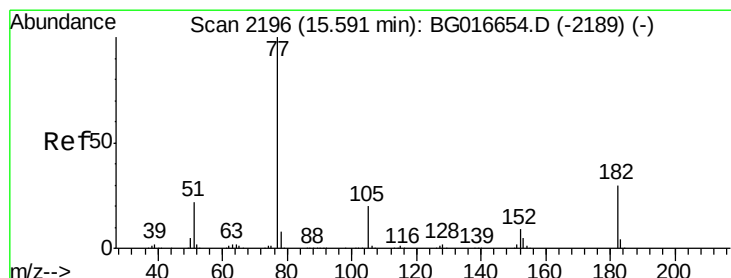
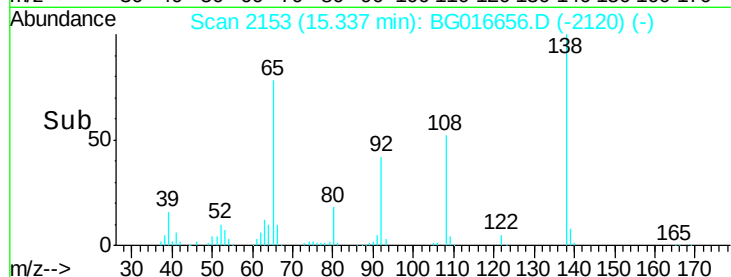
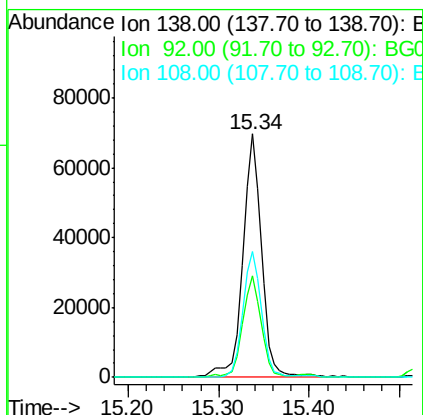
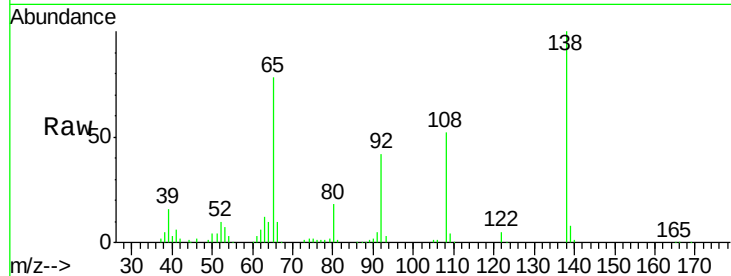




#61
4-Nitroaniline
Concen: 26.39 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

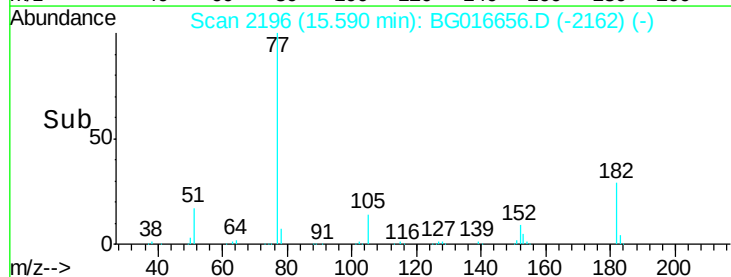
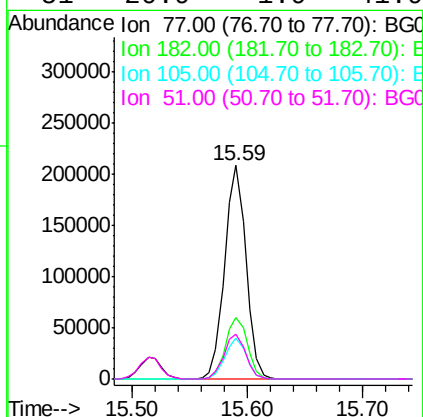
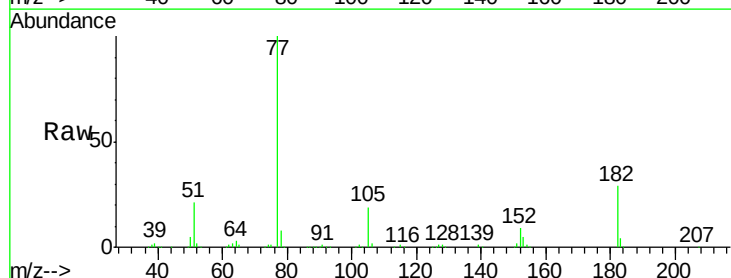
Instrument :
BNA_G
ClientSampled :

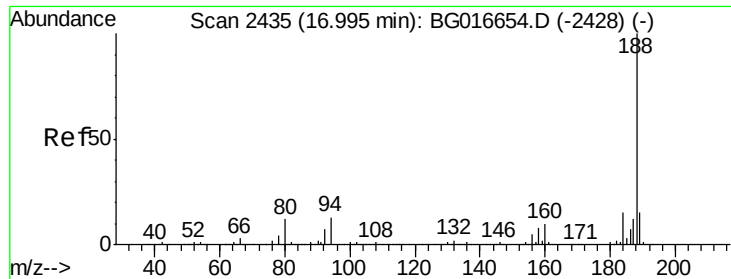
Tot Ion:138 Resp: 100393
Ion Ratio Lower Upper
138 100
92 41.6 23.1 63.1
108 51.6 31.7 71.7



#62
Azobenzene
Concen: 24.41 ng
RT: 15.59 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion: 77 Resp: 266481
Ion Ratio Lower Upper
77 100
182 28.9 9.8 49.8
105 19.0 0.0 39.5
51 20.9 1.9 41.9

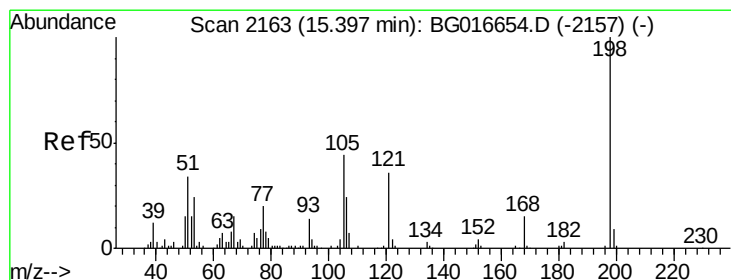
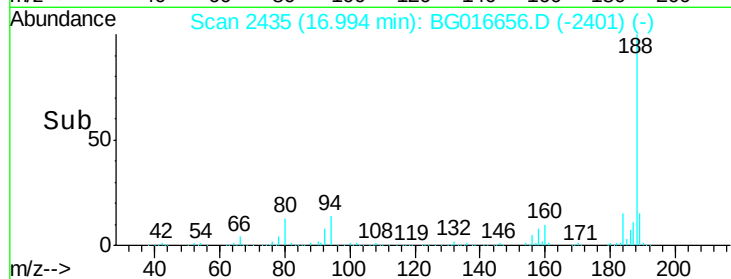
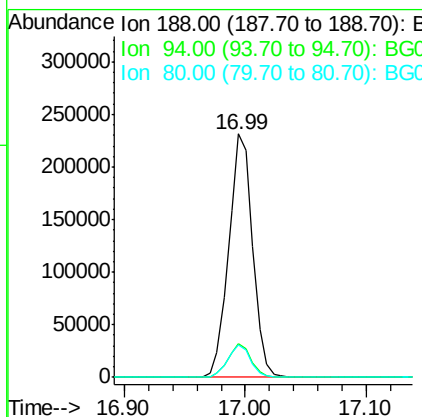
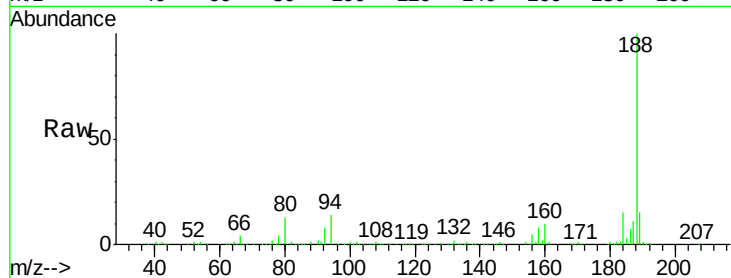




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.99 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

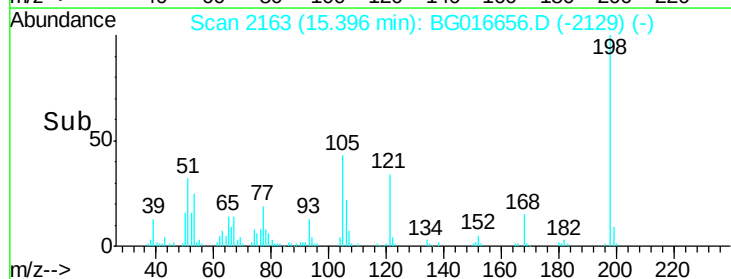
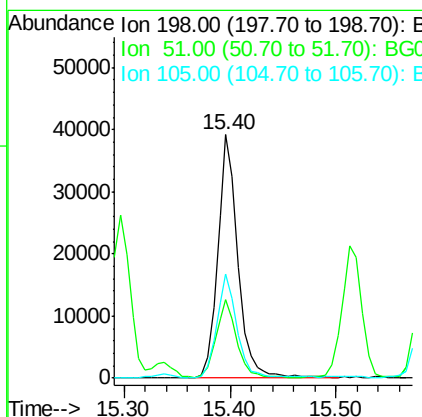
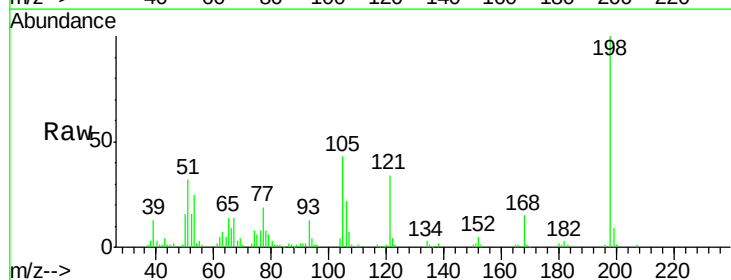
Instrument :
 BNA_G
 ClientSampleId :

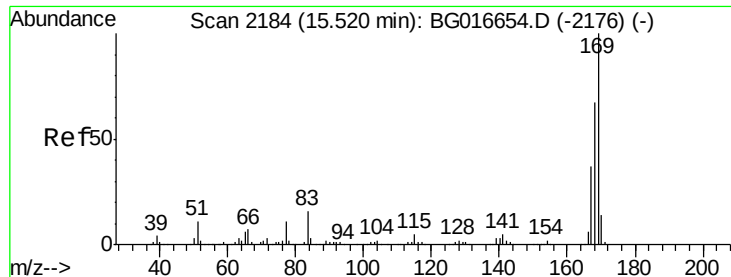
Tot Ion:188 Resp: 317081
 Ion Ratio Lower Upper
 188 100
 94 13.9 10.7 16.1
 80 13.2 9.9 14.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.35 ng
 RT: 15.40 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:198 Resp: 52196
 Ion Ratio Lower Upper
 198 100
 51 32.2 14.9 54.9
 105 43.0 24.6 64.6





#65

n-Nitrosodiphenylamine

Concen: 25.35 ng

RT: 15.52 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

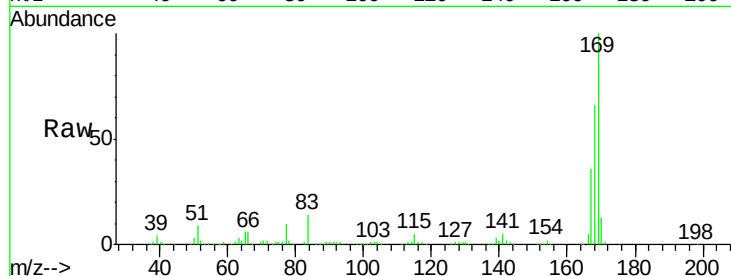
Tot Ion:169 Resp: 271936

Ion Ratio Lower Upper

169 100

168 65.5 53.6 80.4

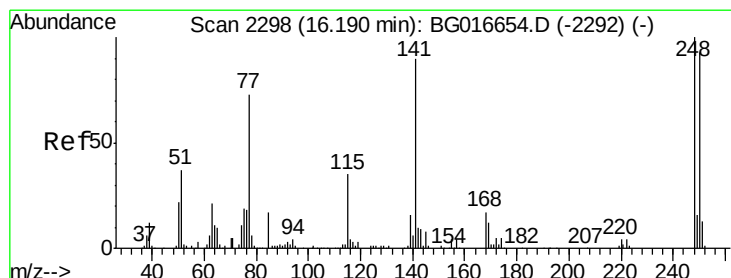
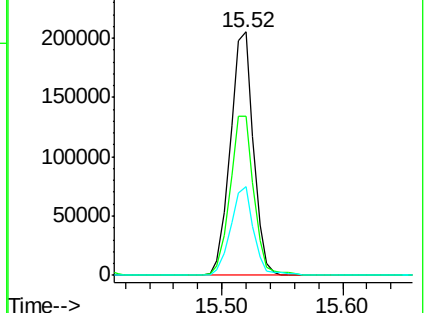
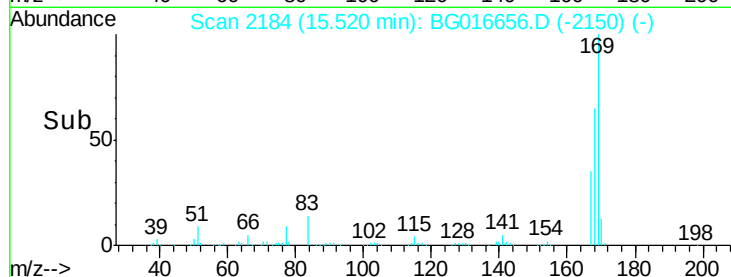
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 25.51 ng

RT: 16.19 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

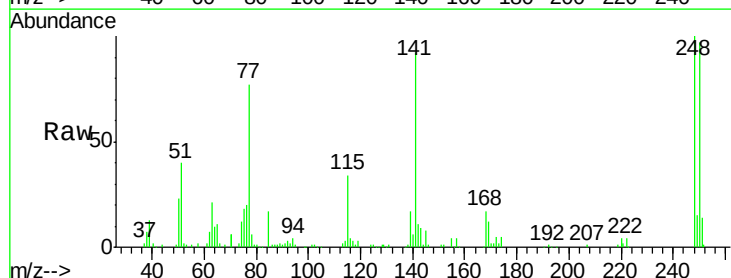
Tgt Ion:248 Resp: 64747

Ion Ratio Lower Upper

248 100

250 96.9 74.8 112.2

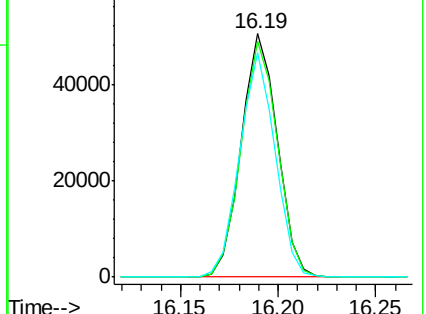
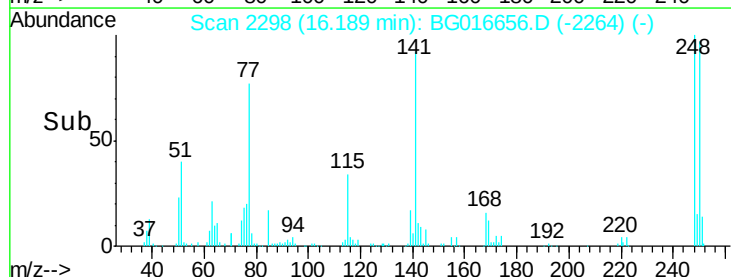
141 92.2 72.0 108.0

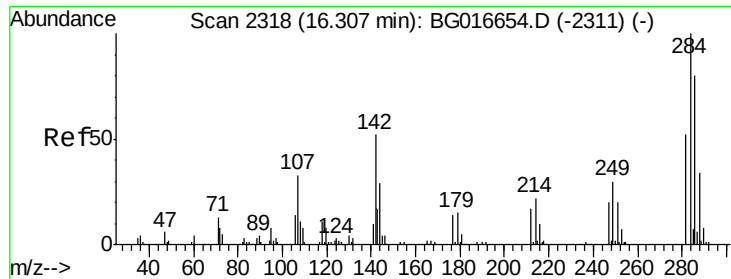


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

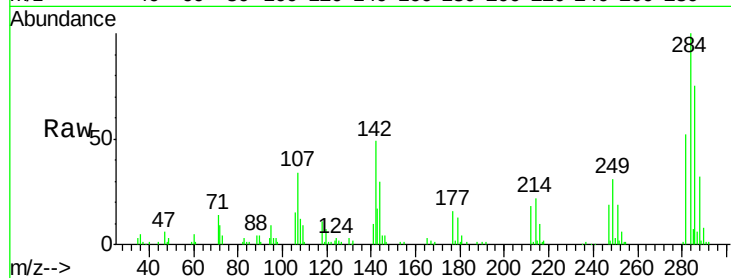




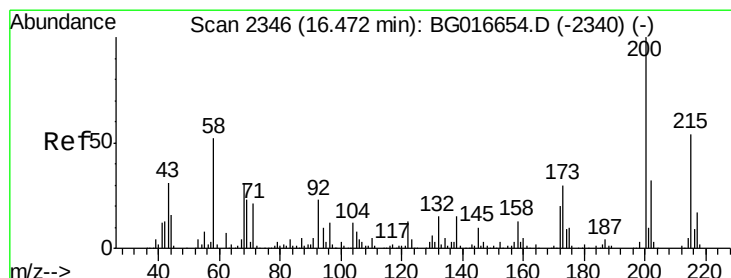
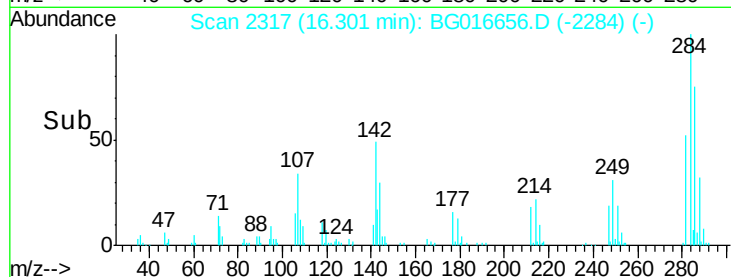
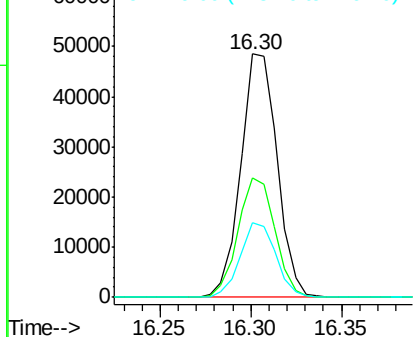
#67
Hexachlorobenzene
Concen: 25.67 ng
RT: 16.30 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 67672
Ion Ratio Lower Upper
284 100
142 49.0 41.5 62.3
249 30.6 24.2 36.4

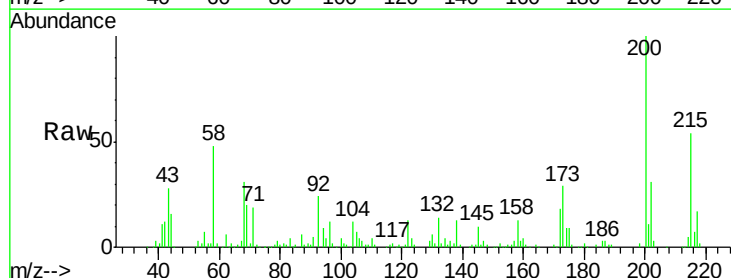


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

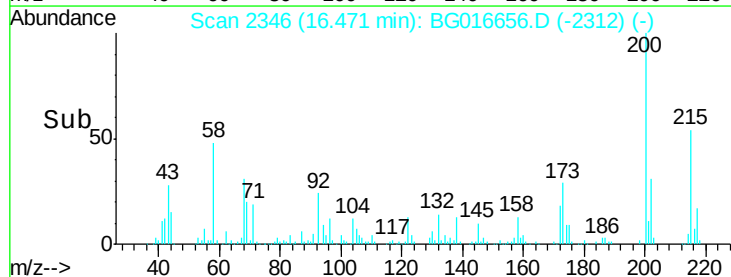
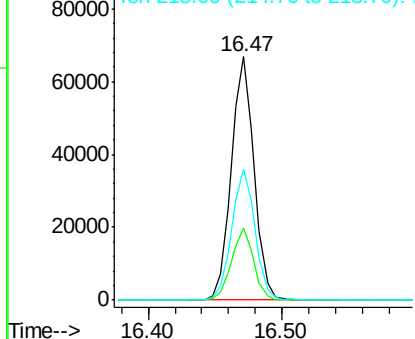


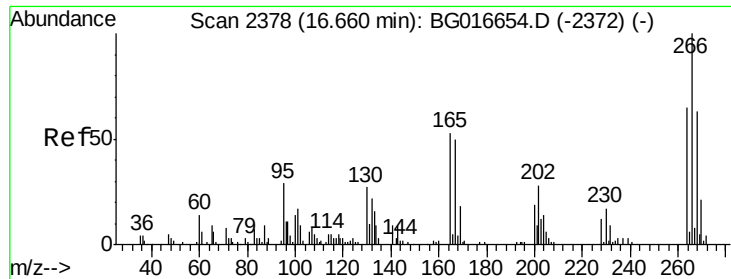
#68
Atrazine
Concen: 27.03 ng
RT: 16.47 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:200 Resp: 80180
Ion Ratio Lower Upper
200 100
173 29.4 9.8 49.8
215 54.0 33.7 73.7



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

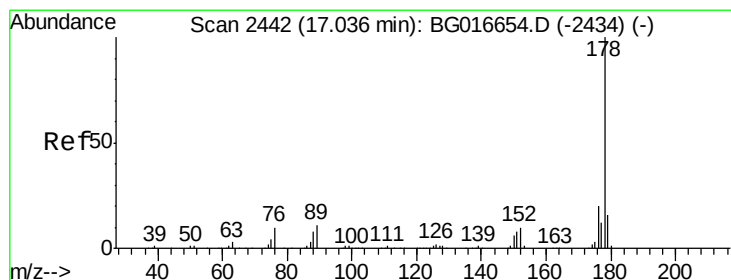
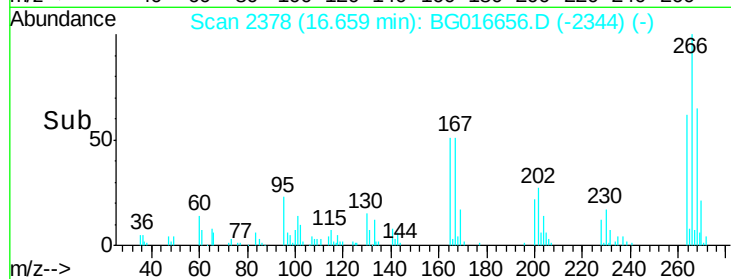
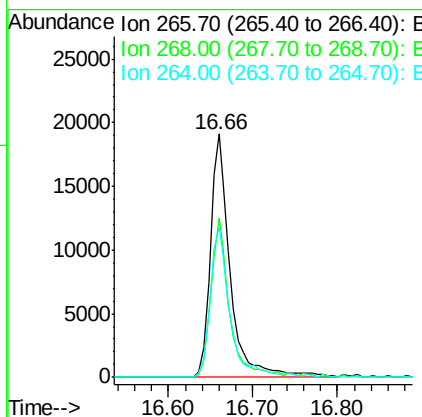
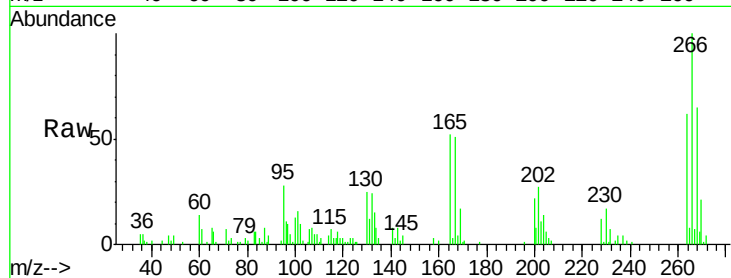




#69
 Pentachlorophenol
 Concen: 26.71 ng
 RT: 16.66 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

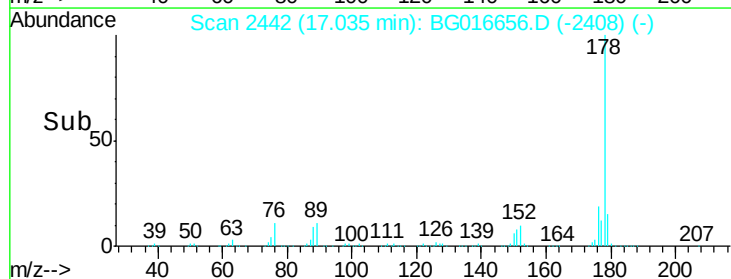
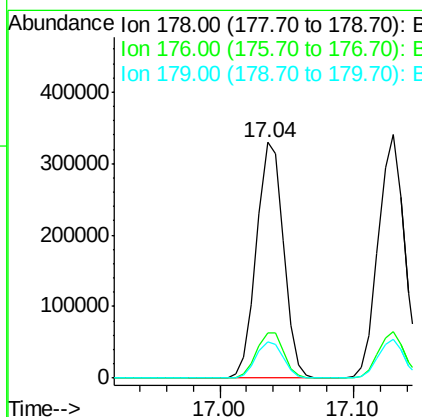
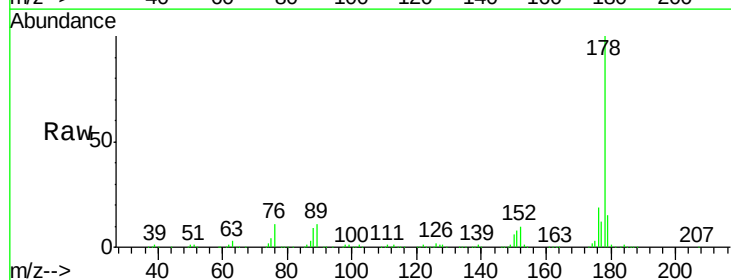
Instrument :
 BNA_G
 ClientSampleId :

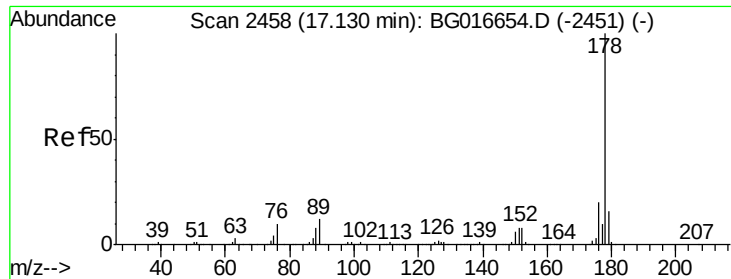
Tot Ion:266 Resp: 31686
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.6 76.0
 264 61.7 51.8 77.6



#70
 Phenanthrene
 Concen: 25.37 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:178 Resp: 459880
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.1 12.8 19.2





#71

Anthracene

Concen: 25.57 ng

RT: 17.13 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

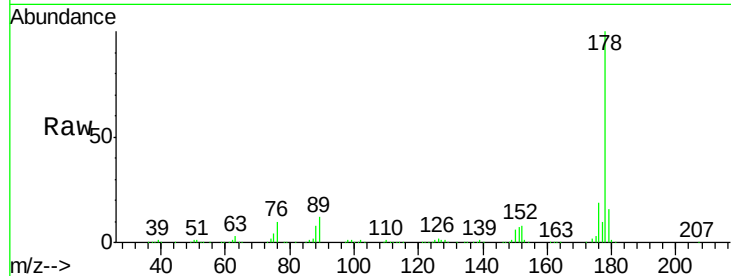
Tot Ion:178 Resp: 460572

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

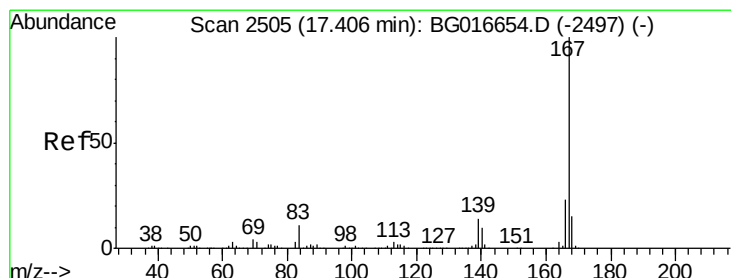
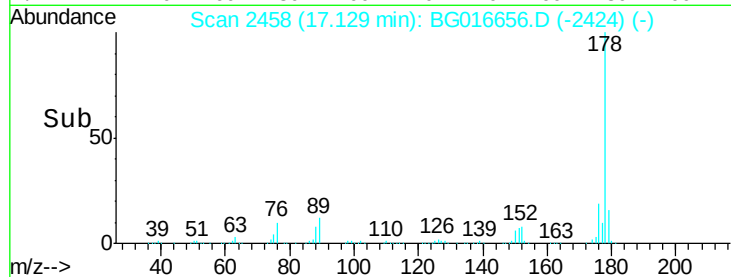
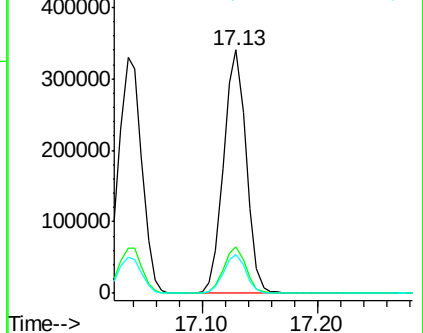
179 15.9 12.9 19.3



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



#72

Carbazole

Concen: 26.04 ng

RT: 17.41 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

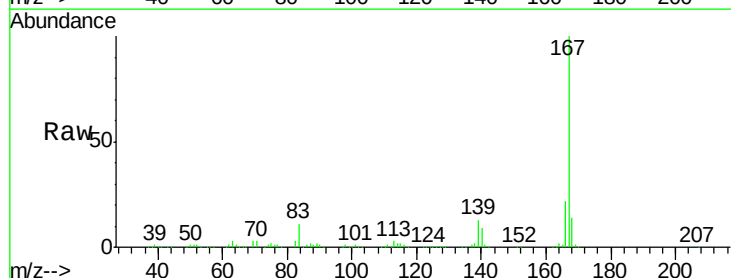
Tgt Ion:167 Resp: 476178

Ion Ratio Lower Upper

167 100

166 21.7 18.4 27.6

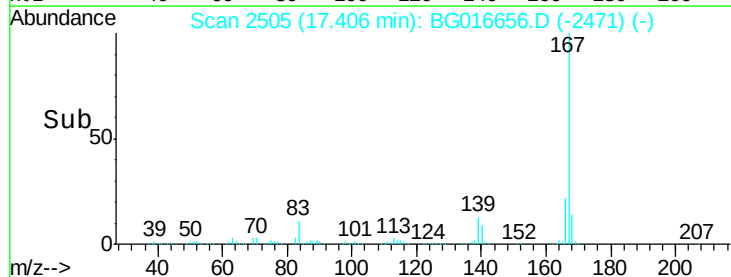
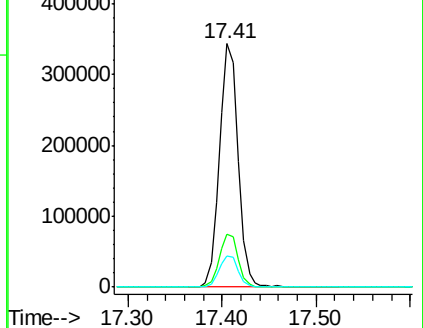
139 13.0 11.1 16.7

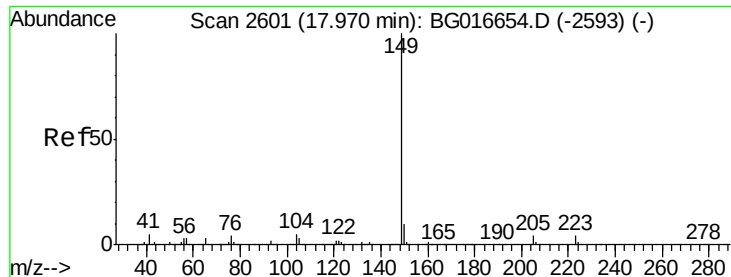


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

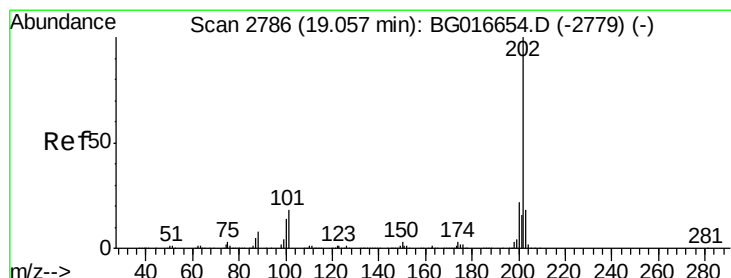
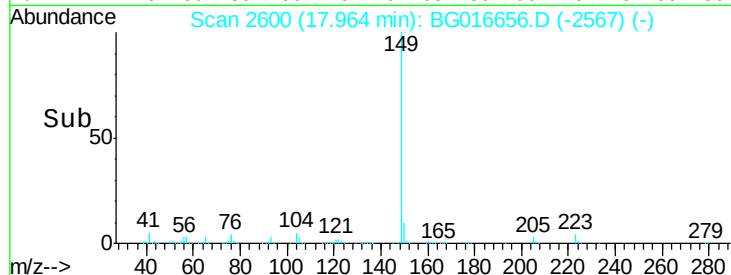
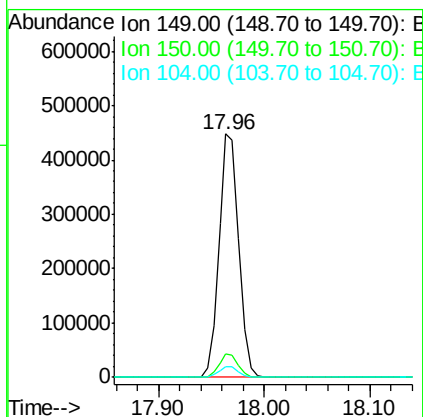
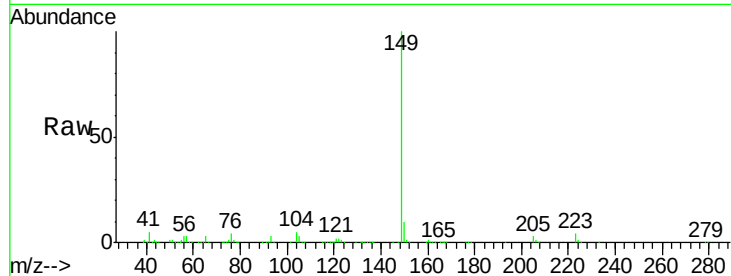




#73
Di-n-butylphthalate
Concen: 26.22 ng
RT: 17.96 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

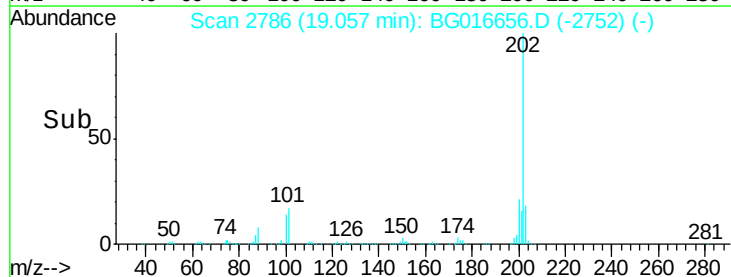
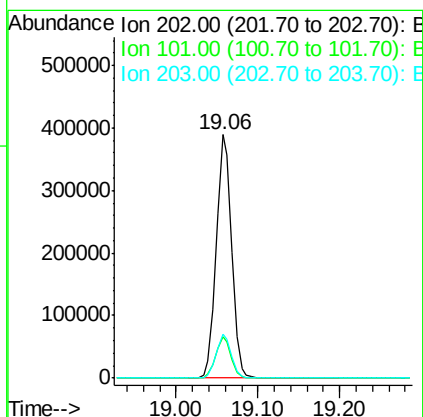
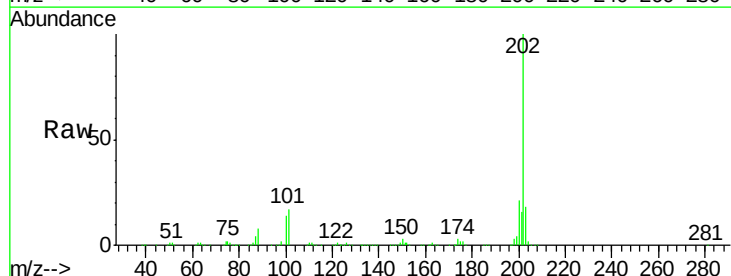
Instrument :
BNA_G
ClientSampleId :

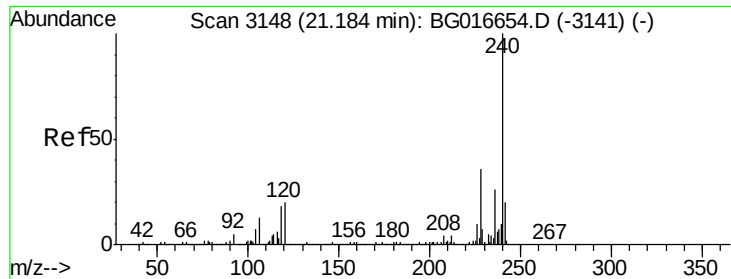
Tot Ion:149 Resp: 583613
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.6 3.6 5.4



#74
Fluoranthene
Concen: 26.26 ng
RT: 19.06 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:202 Resp: 511076
Ion Ratio Lower Upper
202 100
101 17.2 0.0 38.1
203 17.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampleId :

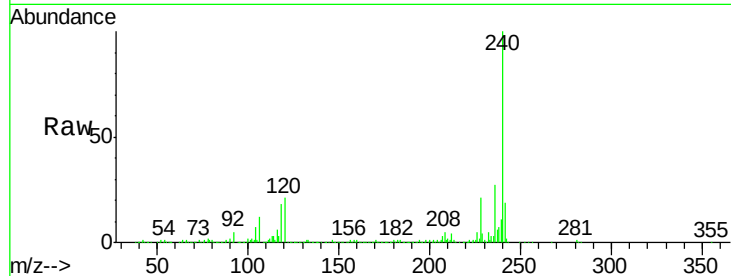
Tot Ion:240 Resp: 301780

Ion Ratio Lower Upper

240 100

120 20.7 16.3 24.5

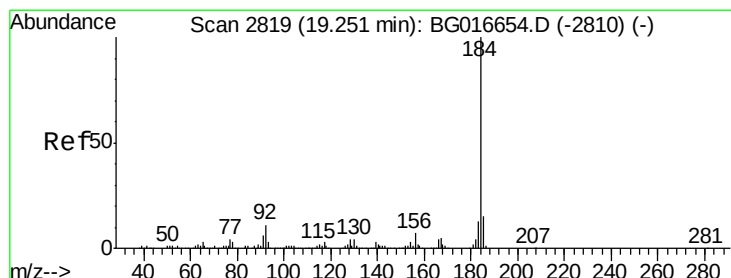
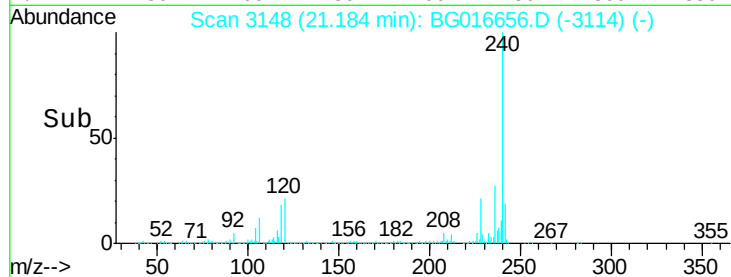
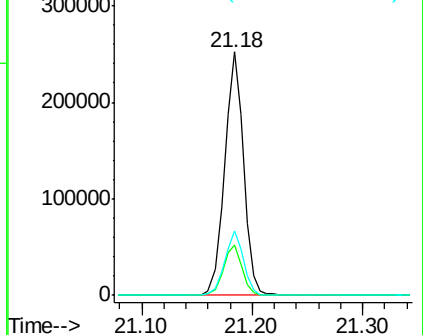
236 26.6 21.1 31.7



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: 26.30 ng

RT: 19.25 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

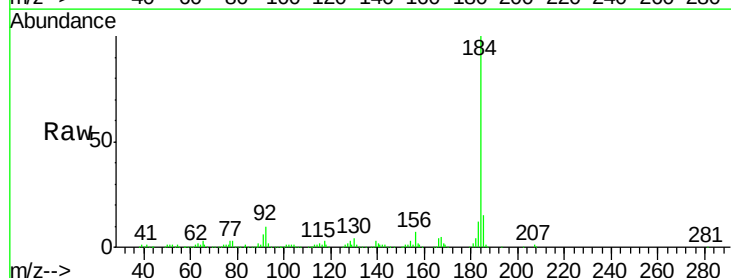
Tgt Ion:184 Resp: 289143

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

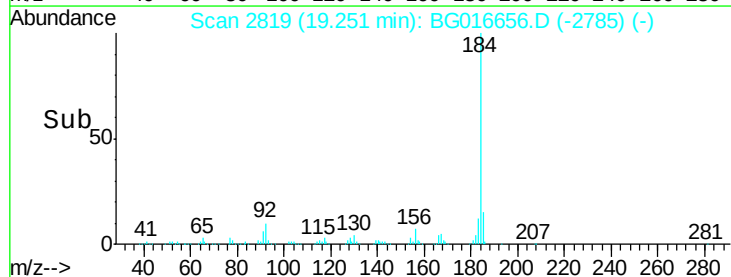
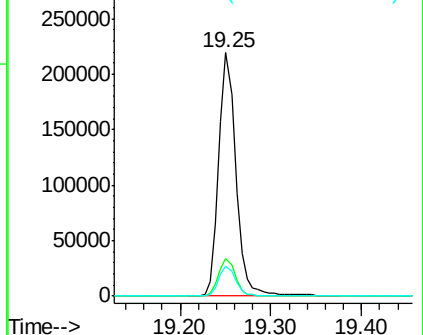
183 12.1 10.1 15.1

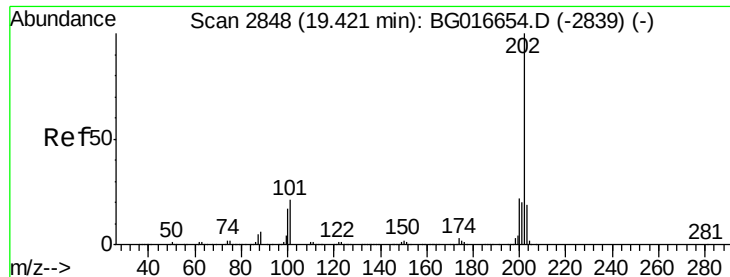


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.10 ng

RT: 19.42 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

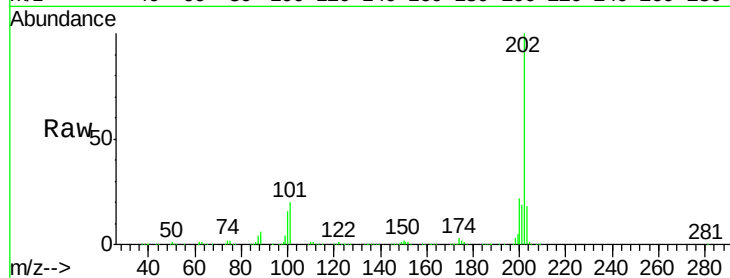
Tot Ion:202 Resp: 530708

Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

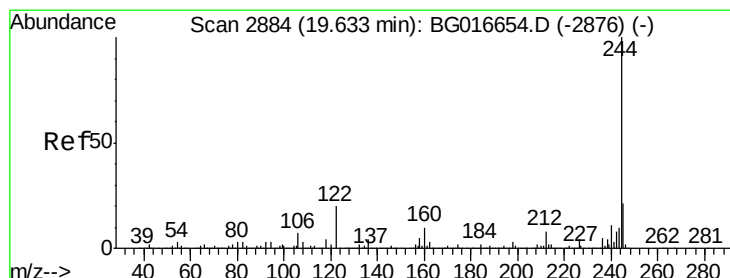
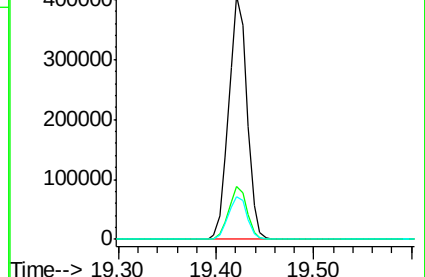
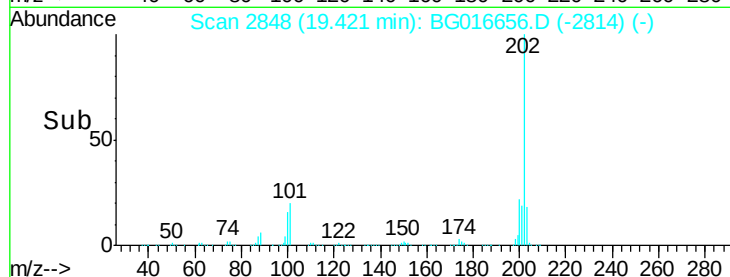
203 17.8 14.9 22.3



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



#78

Terphenyl-d14

Concen: 52.82 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

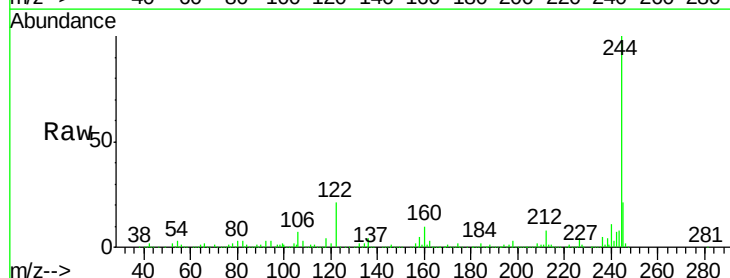
Tgt Ion:244 Resp: 667022

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

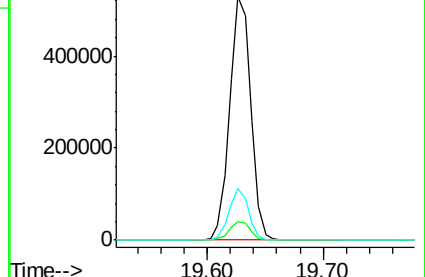
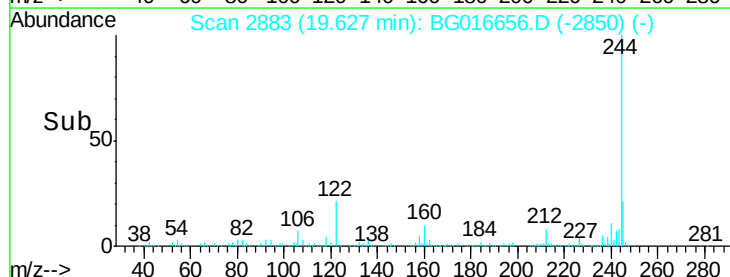
122 21.1 15.9 23.9

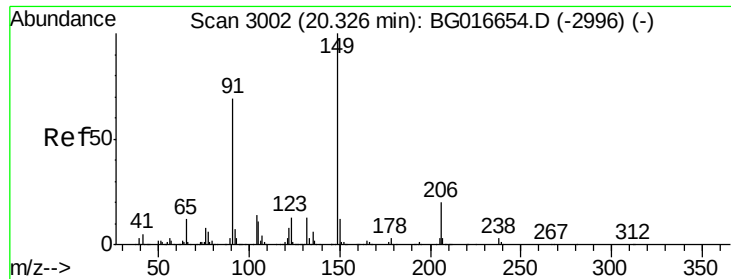


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

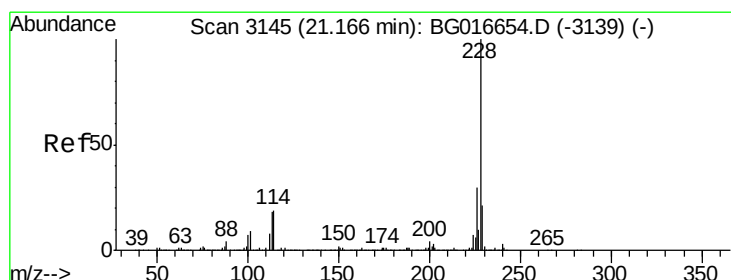
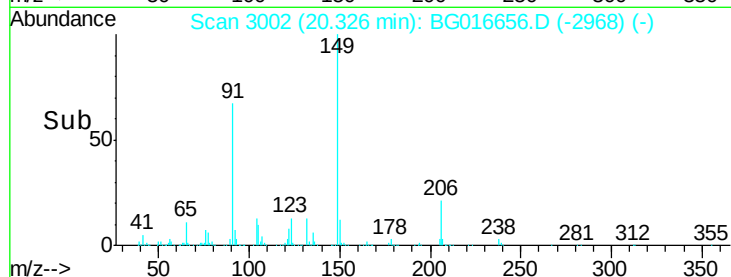
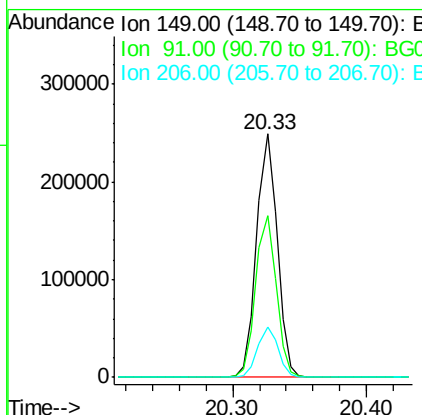
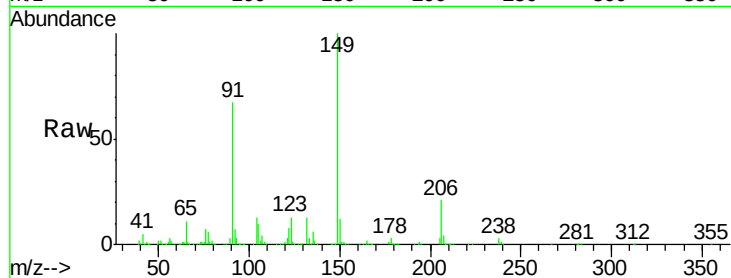




#79
Butylbenzylphthalate
Concen: 24.86 ng
RT: 20.33 min Scan# 3002
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

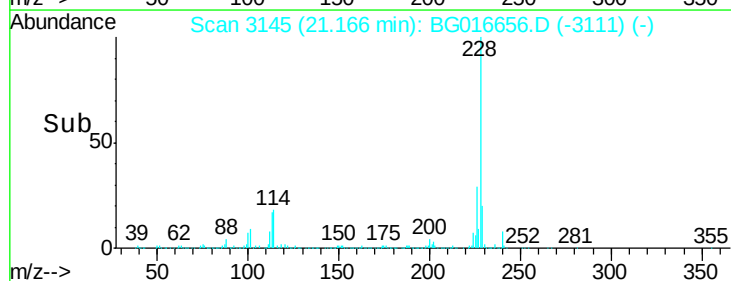
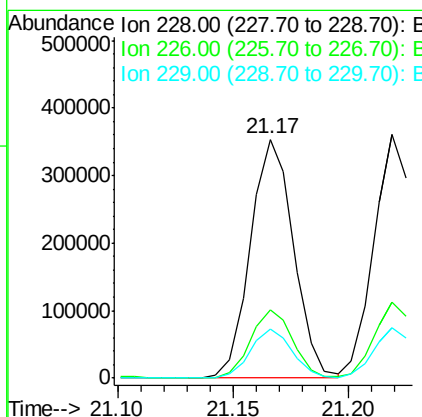
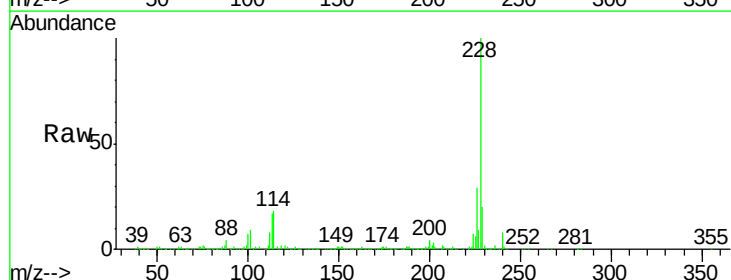
Instrument :
BNA_G
ClientSampleId :

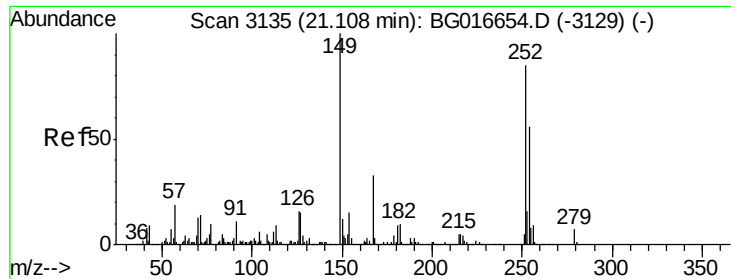
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	20.7	16.4	24.6



#80
Benzo(a)anthracene
Concen: 25.27 ng
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.6
229	20.5	17.0	25.4

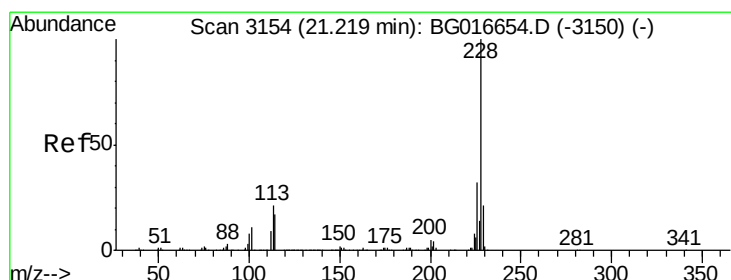
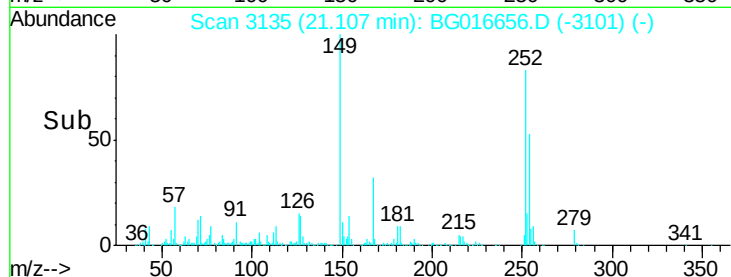
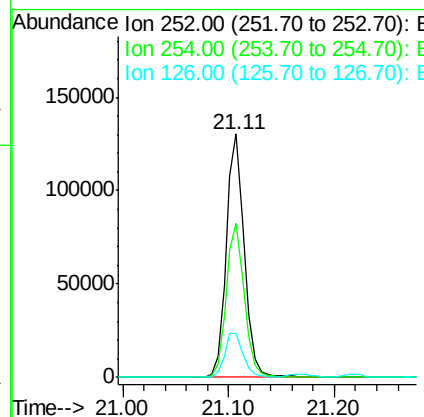
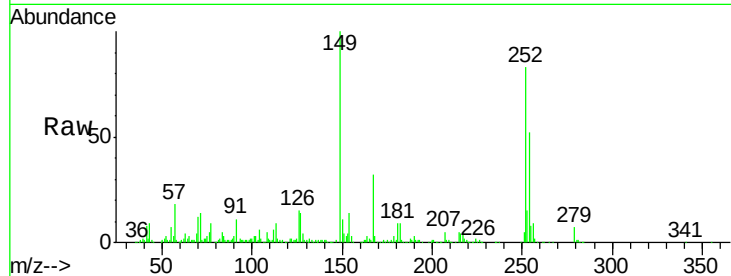




#81
 3,3'-Dichlorobenzidine
 Concen: 25.66 ng
 RT: 21.11 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

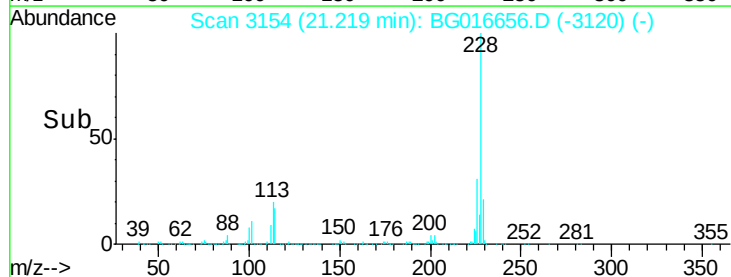
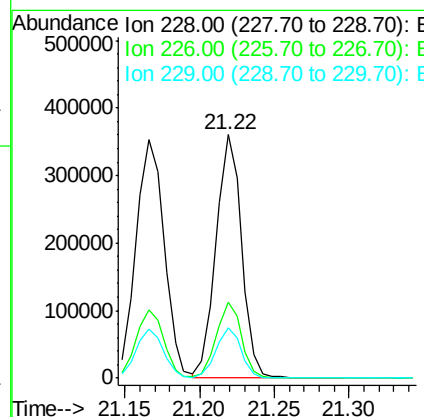
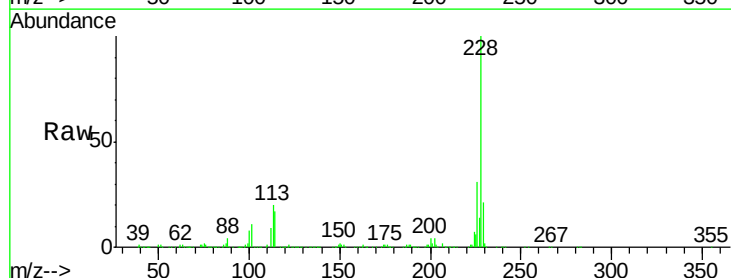
Instrument :
 BNA_G
 ClientSampleId :

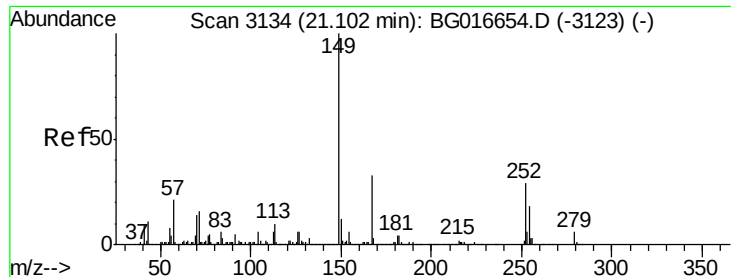
Tot Ion:252 Resp: 154965
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.7 79.1
 126 18.3 15.3 22.9



#82
 Chrysene
 Concen: 24.63 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:228 Resp: 431219
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.9 16.5 24.7

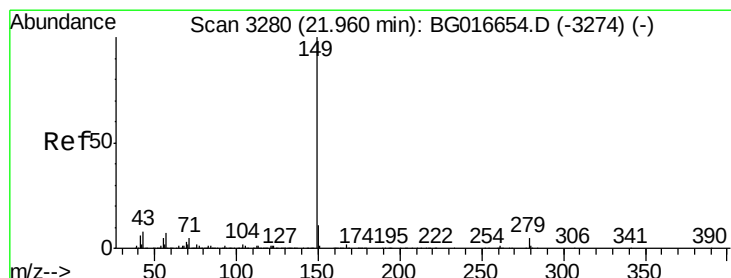
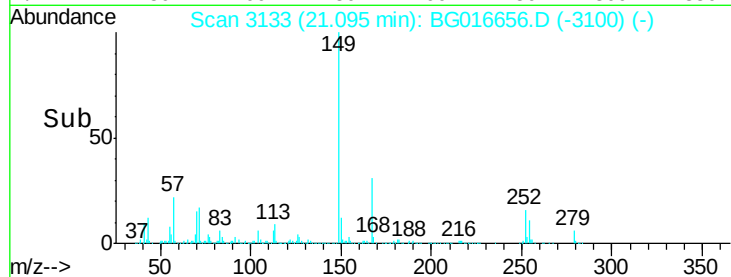
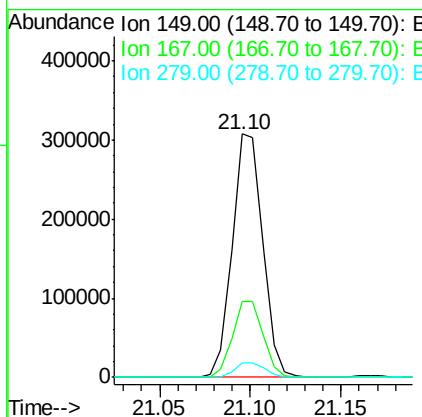
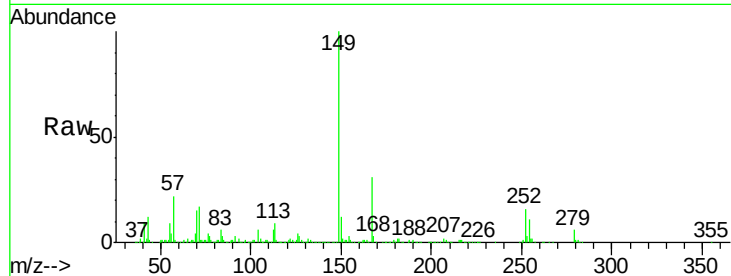




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.68 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

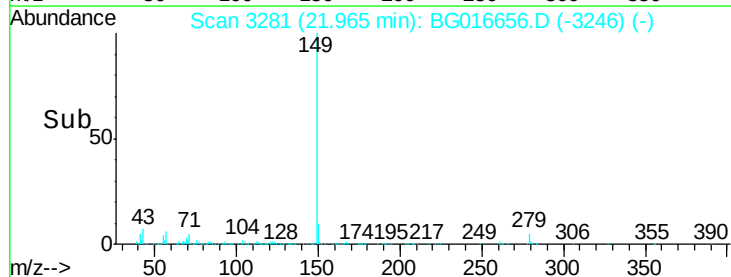
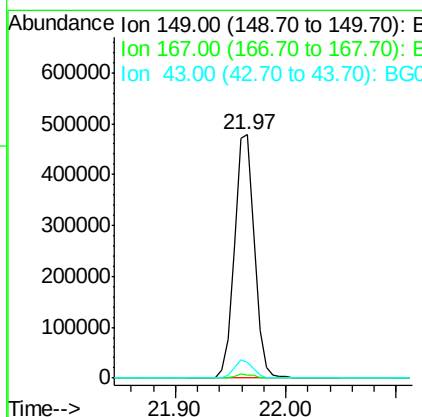
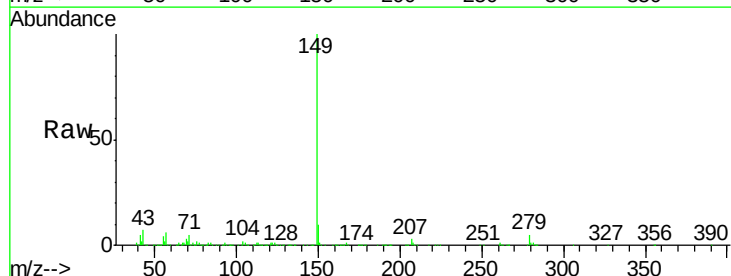
Instrument :
 BNA_G
 ClientSampleId :

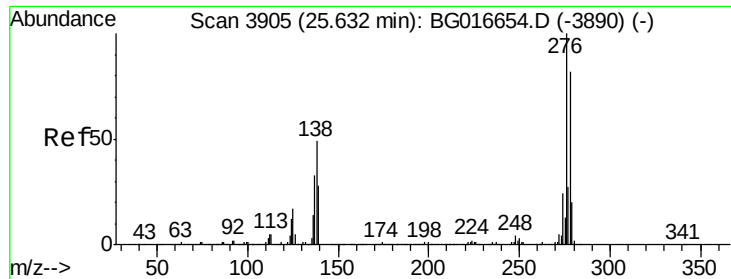
Tot Ion:149 Resp: 358833
 Ion Ratio Lower Upper
 149 100
 167 31.1 26.6 39.8
 279 5.7 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 24.99 ng
 RT: 21.97 min Scan# 3281
 Delta R.T. 0.01 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:149 Resp: 604882
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 7.0 5.7 8.5

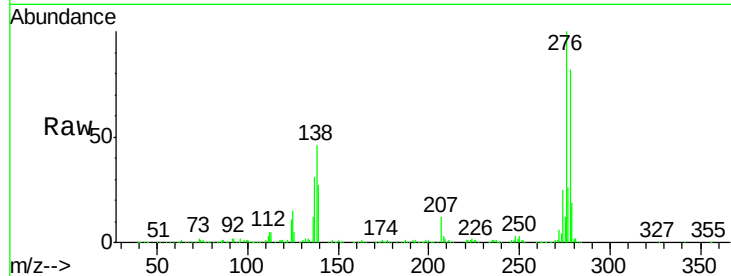




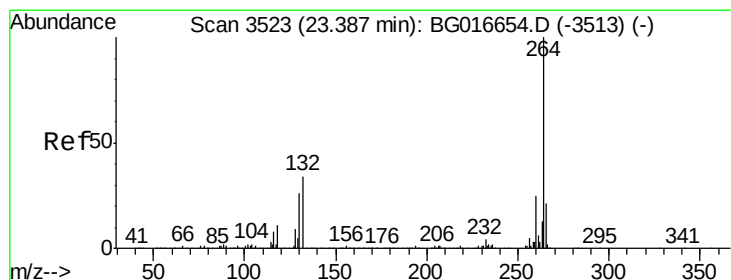
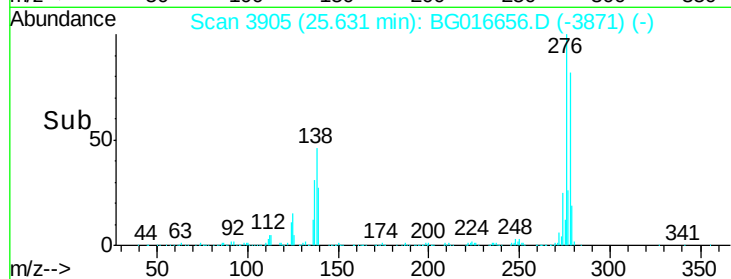
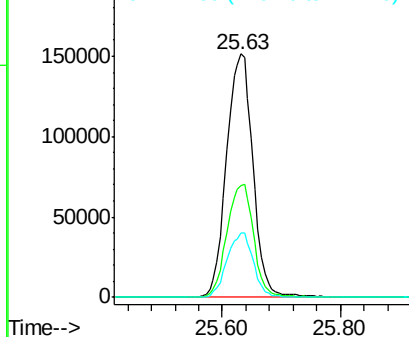
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.64 ng
 RT: 25.63 min Scan# 3905
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 472748
 Ion Ratio Lower Upper
 276 100
 138 46.8 38.2 57.2
 277 26.4 21.4 32.2

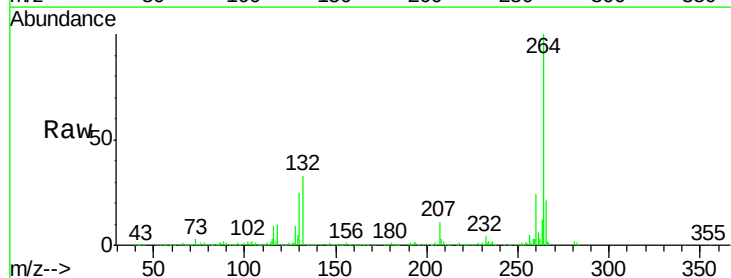


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

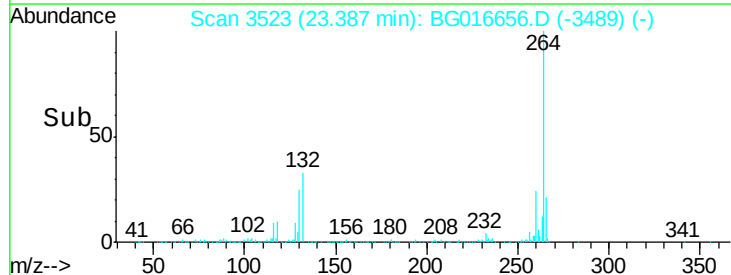
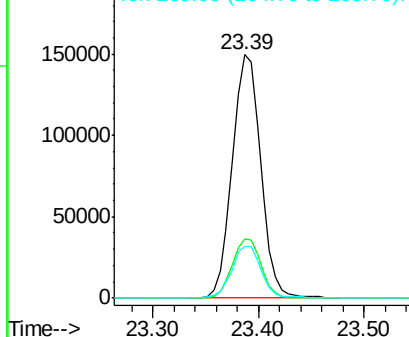


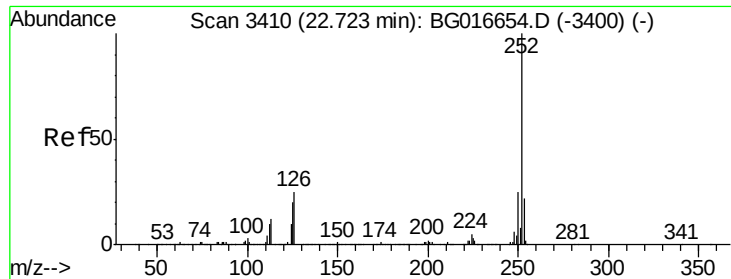
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.39 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Tgt Ion:264 Resp: 278828
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

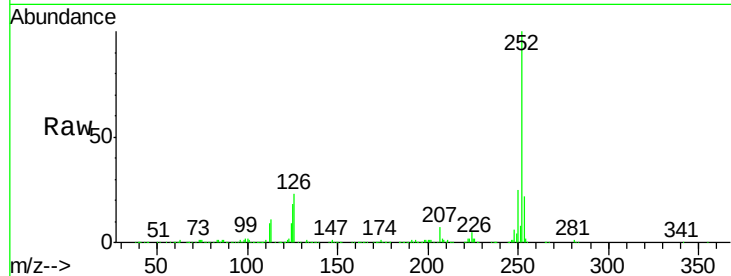




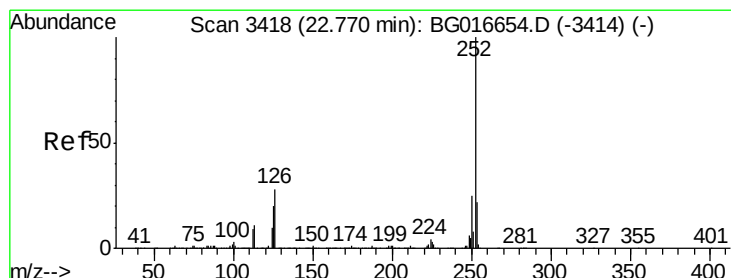
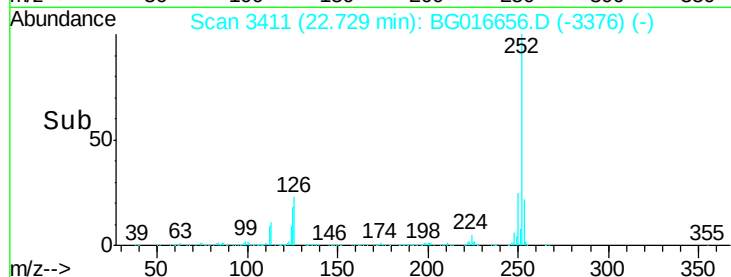
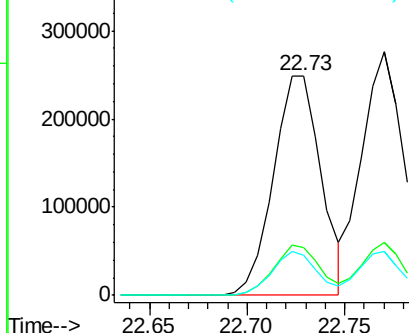
#87
Benzo(b)fluoranthene
Concen: 25.17 ng
RT: 22.73 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 421382
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 18.2 15.8 23.8

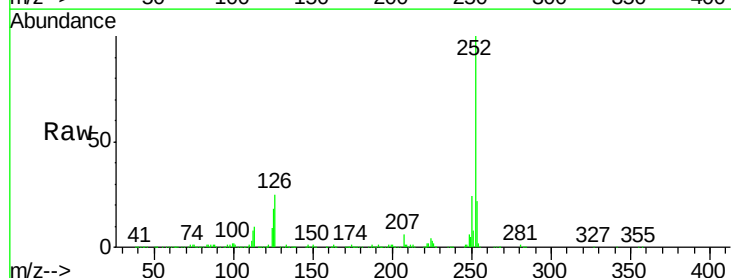


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

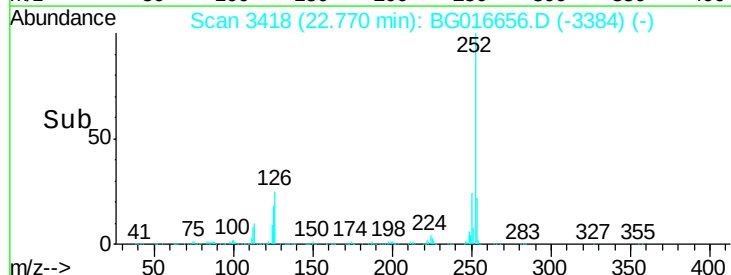
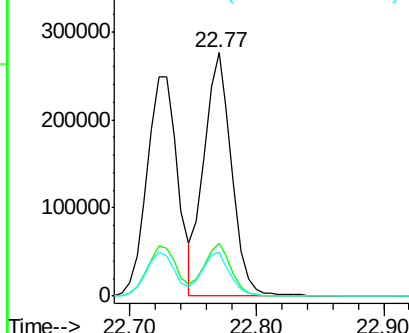


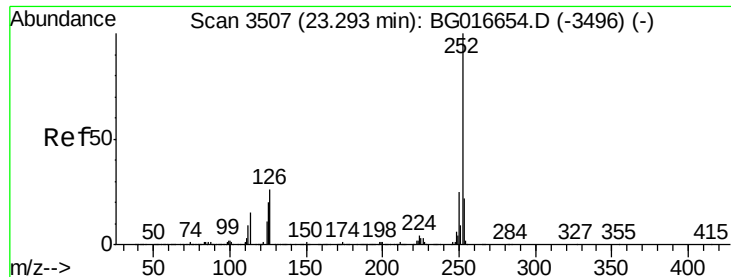
#88
Benzo(k)fluoranthene
Concen: 25.52 ng
RT: 22.77 min Scan# 3418
Delta R.T. -0.00 min
Lab File: BG016656.D
Acq: 23 Apr 2015 16:50

Tgt Ion:252 Resp: 417979
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 18.1 15.5 23.3



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





#89

Benzo(a)pyrene

Concen: 25.14 ng

RT: 23.29 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

Instrument :

BNA_G

ClientSampled :

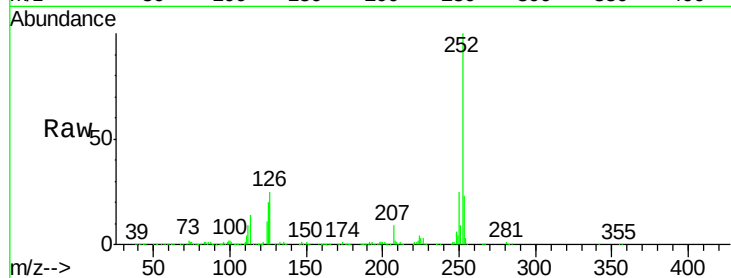
Tot Ion:252 Resp: 398764

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

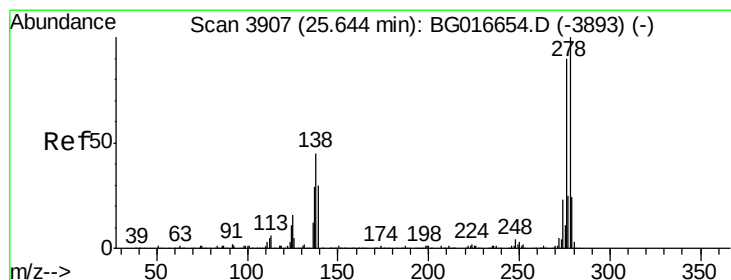
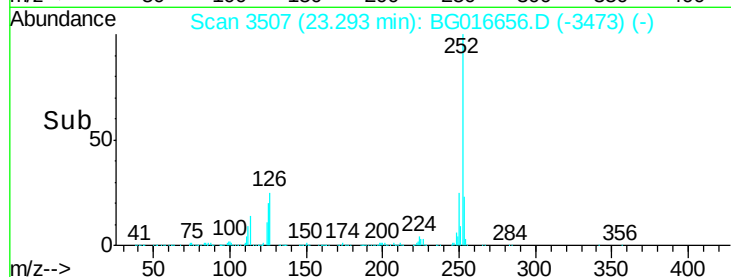
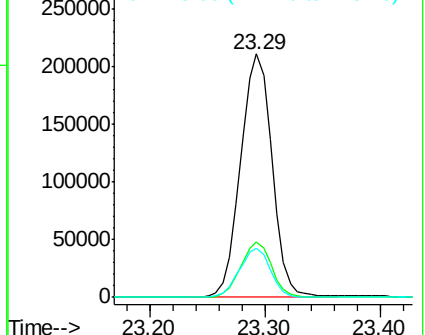
125 20.4 16.3 24.5



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: 25.31 ng

RT: 25.64 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BG016656.D

Acq: 23 Apr 2015 16:50

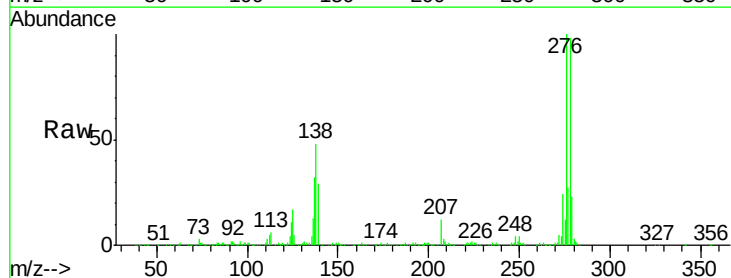
Tgt Ion:278 Resp: 390352

Ion Ratio Lower Upper

278 100

139 30.0 24.2 36.2

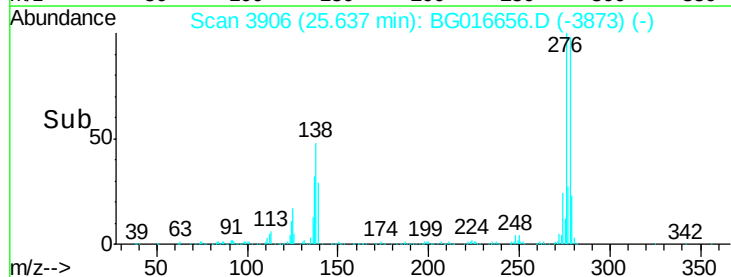
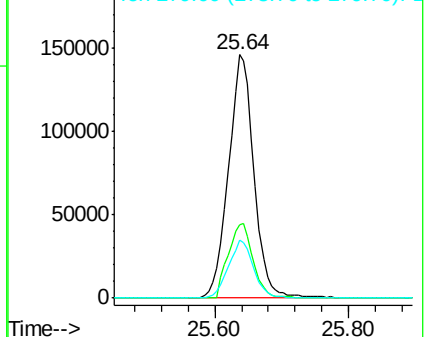
279 23.8 18.9 28.3

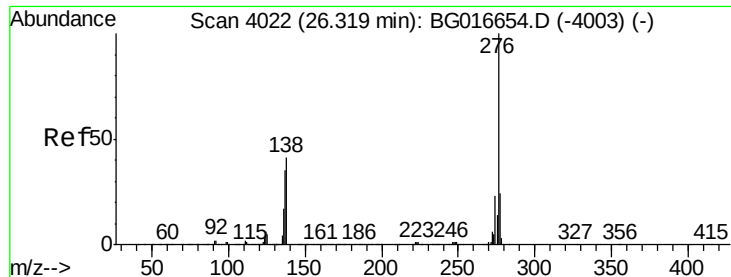


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 24.98 ng
 RT: 26.32 min Scan# 4022
 Delta R.T. -0.00 min
 Lab File: BG016656.D
 Acq: 23 Apr 2015 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	37.5	32.8	49.2

