

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016759.D
 Acq On : 28 Apr 2015 8:38
 Operator : TP/IZ
 Sample : G1991-16MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Quant Time: Apr 28 13:40:26 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 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	61221	20.00	ng	-0.03
21) Naphthalene-d8	10.36	136	264086	20.00	ng	-0.03
38) Acenaphthene-d10	14.23	164	148287	20.00	ng	-0.02
63) Phenanthrene-d10	16.97	188	282215	20.00	ng	-0.02
75) Chrysene-d12	21.16	240	250728	20.00	ng	-0.02
86) Perylene-d12	23.35	264	241996	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	586642	155.50	ng	-0.02
7) Phenol-d6	6.78	99	788687	149.01	ng	-0.02
23) Nitrobenzene-d5	8.73	82	402216	96.24	ng	-0.03
41) 2,4,6-Tribromophenol	15.73	330	178335	162.11	ng	-0.02
44) 2-Fluorobiphenyl	12.85	172	916486	99.30	ng	-0.02
78) Terphenyl-d14	19.60	244	956059	87.84	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	63480	38.84	ng	97
3) Pyridine	3.42	79	174399	37.59	ng	100
4) n-Nitrosodimethylamine	3.35	42	60000	43.83	ng	89
6) Aniline	6.91	93	170985	23.56	ng	96
8) 2-Chlorophenol	7.15	128	237211	50.87	ng	98
9) Benzaldehyde	6.72	77	16250	7.51	ng	98
10) Phenol	6.81	94	304029	54.50	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	202524	46.51	ng	100
12) 1,3-Dichlorobenzene	7.46	146	232163	48.14	ng	99
13) 1,4-Dichlorobenzene	7.61	146	235990	47.87	ng	98
14) 1,2-Dichlorobenzene	7.92	146	226103	48.05	ng	100
15) Benzyl Alcohol	7.82	79	160239	48.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	185108	45.41	ng	99
17) 2-Methylphenol	8.04	107	191061	51.22	ng	96
18) Hexachloroethane	8.64	117	83678	48.15	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	142700	43.25	ng	99
20) 3+4-Methylphenols	8.37	107	258649	49.32	ng	98
22) Acetophenone	8.40	105	292529	50.47	ng	# 100
24) Nitrobenzene	8.77	77	206529	47.05	ng	100
25) Isophorone	9.30	82	398952	46.06	ng	97
26) 2-Nitrophenol	9.48	139	134955	52.99	ng	98
27) 2,4-Dimethylphenol	9.56	122	224091	52.69	ng	97
28) bis(2-Chloroethoxy)methane	9.78	93	249392	47.72	ng	97
29) 2,4-Dichlorophenol	10.03	162	205937	56.97	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	201183	52.51	ng	99
31) Naphthalene	10.41	128	683407	49.08	ng	99
32) Benzoic acid	9.68	122	7619	11.55	ng	96
33) 4-Chloroaniline	10.53	127	124884	19.47	ng	96
34) Hexachlorobutadiene	10.69	225	88118	51.49	ng	98
35) Caprolactam	11.31	113	94008m	48.24	ng	
36) 4-Chloro-3-methylphenol	11.68	107	213176	50.72	ng	99
37) 2-Methylnaphthalene	12.03	142	497668	49.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	188645	53.40	ng	99
40) Hexachlorocyclopentadiene	12.38	237	61019	47.79	ng	98

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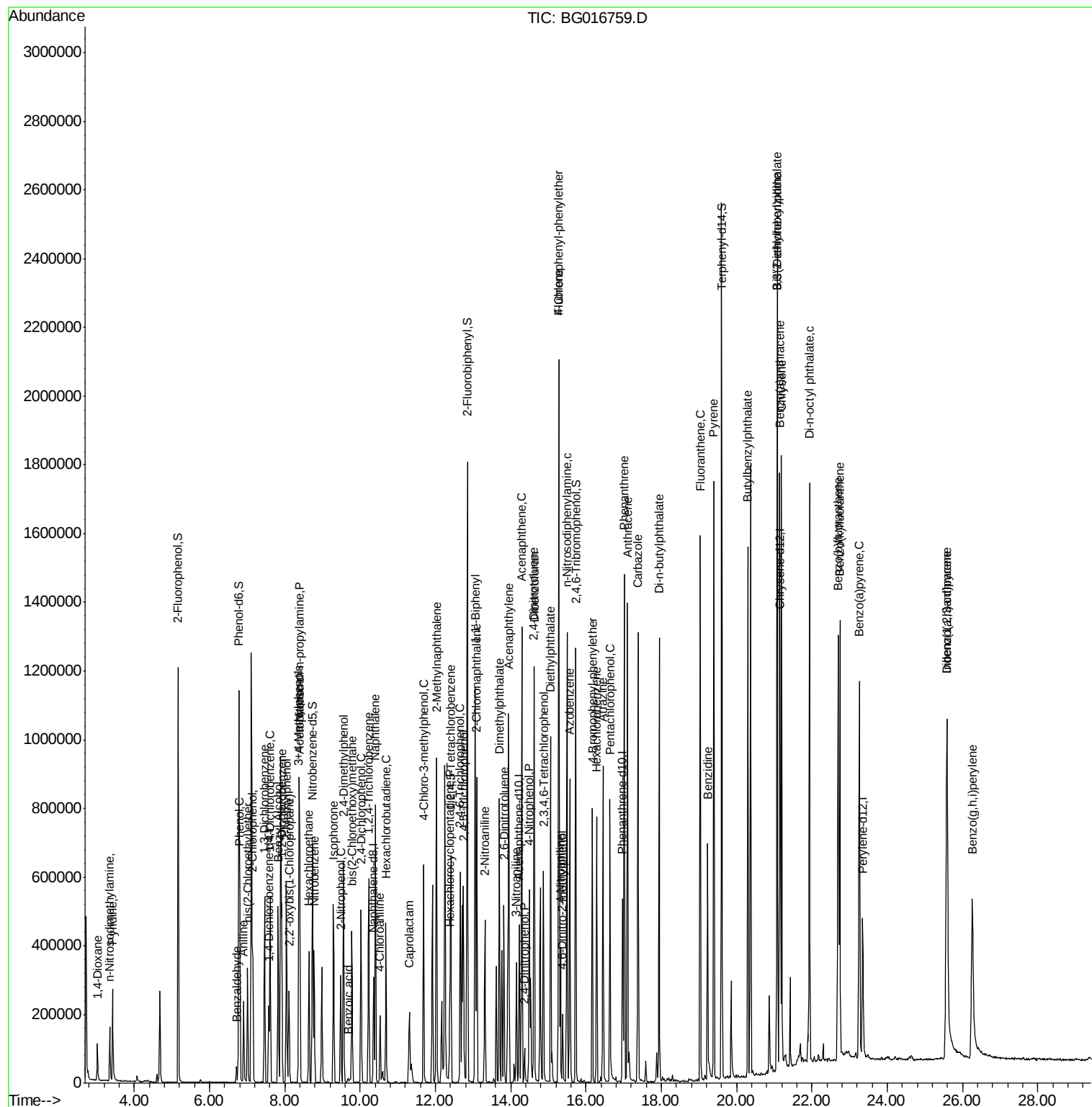
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	142667	55.27	nq	97
43) 2,4,5-Trichlorophenol	12.74	196	151948	55.63	nq	96
45) 1,1'-Biphenyl	13.06	154	596356	51.21	nq	98
46) 2-Chloronaphthalene	13.10	162	457784	51.14	nq	98
47) 2-Nitroaniline	13.32	65	117196	47.99	nq	94
48) Acenaphthylene	13.95	152	764171	48.74	nq	99
49) Dimethylphthalate	13.70	163	554326	49.97	nq	98
50) 2,6-Dinitrotoluene	13.82	165	133610	49.08	nq	99
51) Acenaphthene	14.29	154	462215	49.12	nq	100
52) 3-Nitroaniline	14.15	138	110665	33.64	nq	93
53) 2,4-Dinitrophenol	14.37	184	30901	26.50	nq	95
54) Dibenzofuran	14.63	168	663926	50.02	nq	99
55) 4-Nitrophenol	14.50	139	217397	88.18	nq	97
56) 2,4-Dinitrotoluene	14.61	165	181893	48.79	nq	97
57) Fluorene	15.28	166	567299	48.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.87	232	114770	55.53	nq	94
59) Diethylphthalate	15.06	149	539852	46.70	nq	99
60) 4-Chlorophenyl-phenylether	15.27	204	242882	50.12	nq	98
61) 4-Nitroaniline	15.32	138	134239	36.89	nq	97
62) Azobenzene	15.57	77	509243	48.23	nq	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	50265	26.32	nq	95
65) n-Nitrosodiphenylamine	15.50	169	493027	50.96	nq	99
66) 4-Bromophenyl-phenylether	16.17	248	129529	54.93	nq	95
67) Hexachlorobenzene	16.28	284	133956	55.23	nq	96
68) Atrazine	16.45	200	153883	59.24	nq	99
69) Pentachlorophenol	16.64	266	132724	112.70	nq	100
70) Phenanthrene	17.01	178	814817	50.26	nq	98
71) Anthracene	17.11	178	812462	50.38	nq	99
72) Carbazole	17.38	167	809833	50.13	nq	100
73) Di-n-butylphthalate	17.94	149	941157	48.87	nq	99
74) Fluoranthene	19.03	202	867819	50.52	nq	97
76) Benzidine	19.23	184	432653	50.66	nq	98
77) Pyrene	19.40	202	895844	50.86	nq	99
79) Butylbenzylphthalate	20.30	149	448429	51.75	nq	98
80) Benzo(a)anthracene	21.14	228	768000	50.52	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	184103	37.16	nq	96
82) Chrysene	21.20	228	718273	49.28	nq	100
83) Bis(2-ethylhexyl)phthalate	21.07	149	663275	56.27	nq	100
84) Di-n-octyl phthalate	21.94	149	1047107	53.33	nq	99
85) Indeno(1,2,3-cd)pyrene	25.59	276	755092	47.53	nq	96
87) Benzo(b)fluoranthene	22.69	252	730525	49.70	nq	98
88) Benzo(k)fluoranthene	22.74	252	692445	48.27	nq	97
89) Benzo(a)pyrene	23.26	252	693464	50.06	nq	99
90) Dibenzo(a,h)anthracene	25.59	278	599688	44.52	nq	99
91) Benzo(g,h,i)perylene	26.27	276	605787	44.20	nq	96

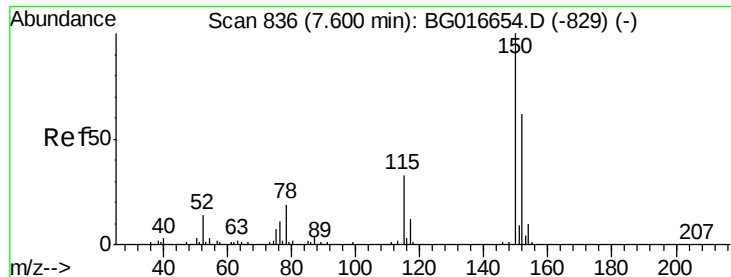
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

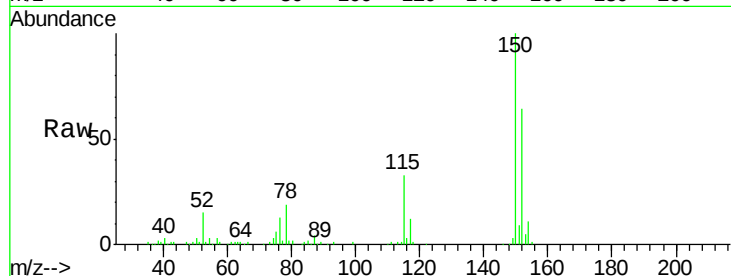
Tot Ion:152 Resp: 61221

Ion Ratio Lower Upper

152 100

150 156.7 129.6 194.4

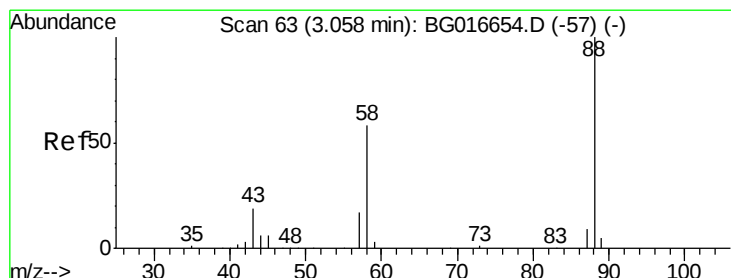
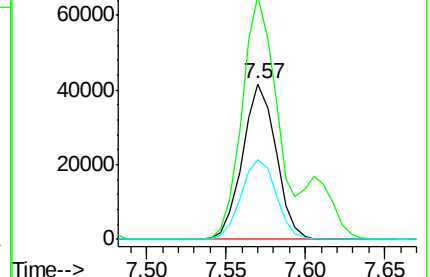
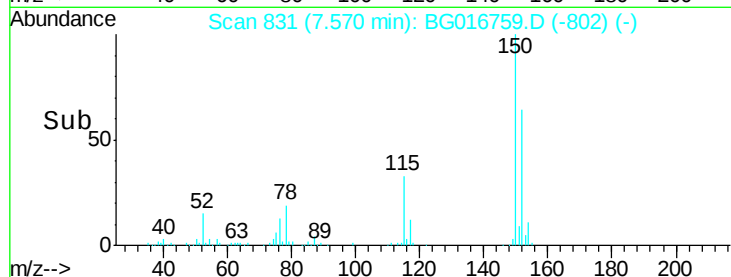
115 51.1 43.0 64.6



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: 38.84 ng

RT: 3.02 min Scan# 57

Delta R.T. -0.04 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

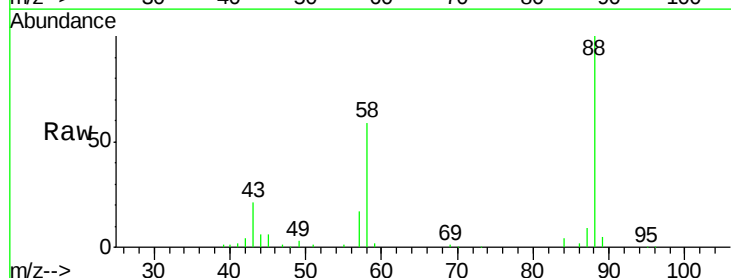
Tgt Ion: 88 Resp: 63480

Ion Ratio Lower Upper

88 100

58 56.5 46.8 70.2

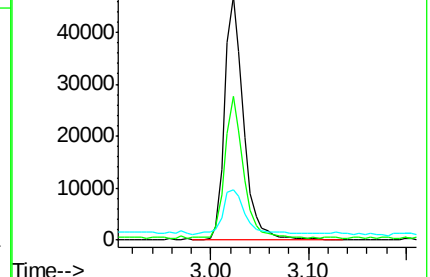
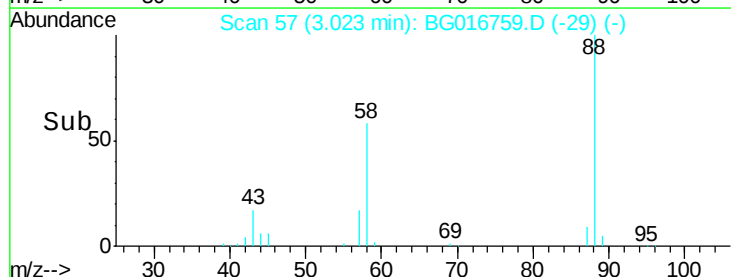
43 21.5 15.8 23.8

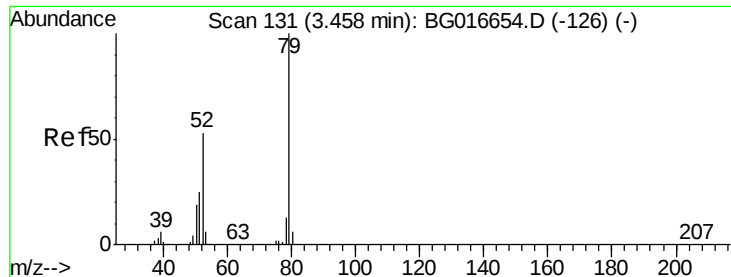


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.59 ng

RT: 3.42 min Scan# 125

Delta R.T. -0.04 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampled :

SB-64DMSD

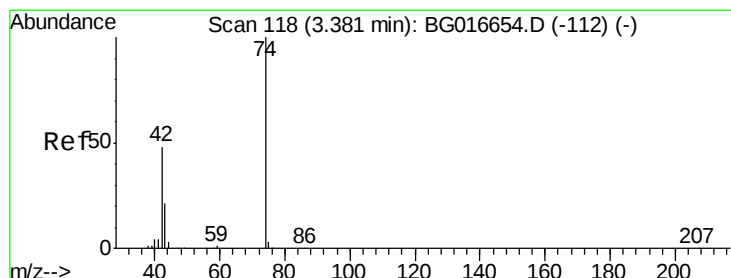
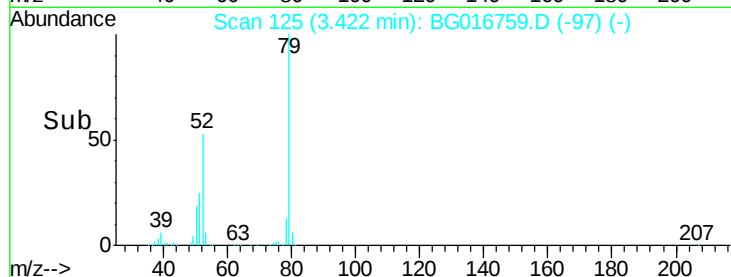
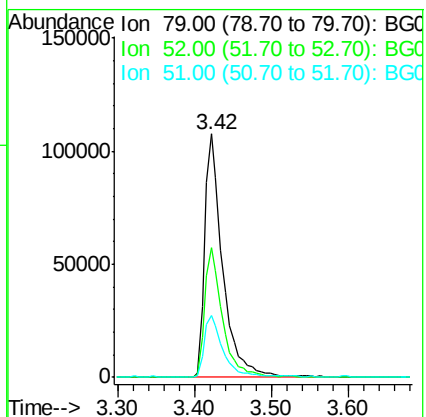
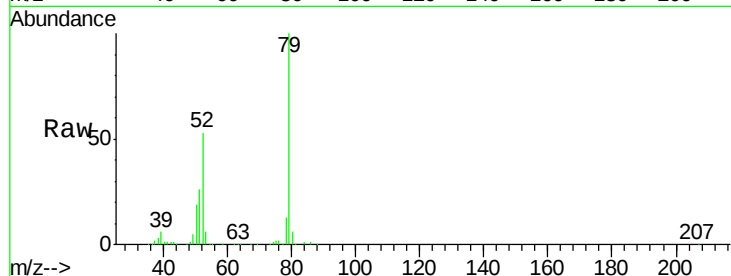
Tot Ion: 79 Resp: 174399

Ion Ratio Lower Upper

79 100

52 53.2 42.7 64.1

51 25.5 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 43.83 ng

RT: 3.35 min Scan# 112

Delta R.T. -0.04 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

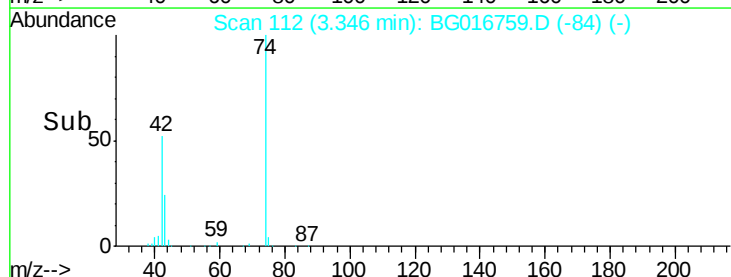
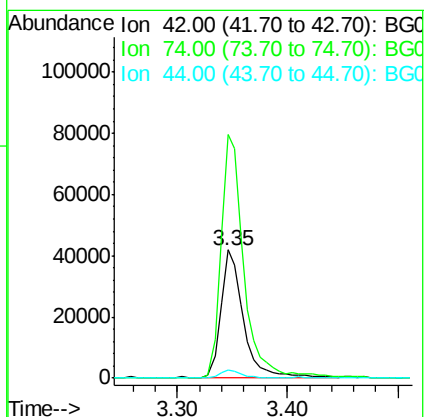
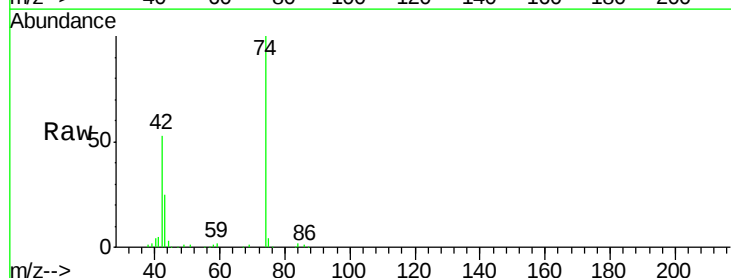
Tgt Ion: 42 Resp: 60000

Ion Ratio Lower Upper

42 100

74 190.0 165.6 248.4

44 6.0 5.0 7.6





#5

2-Fluorophenol

Concen: 155.50 ng

RT: 5.17 min Scan# 422

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampled :

SB-64DMSD

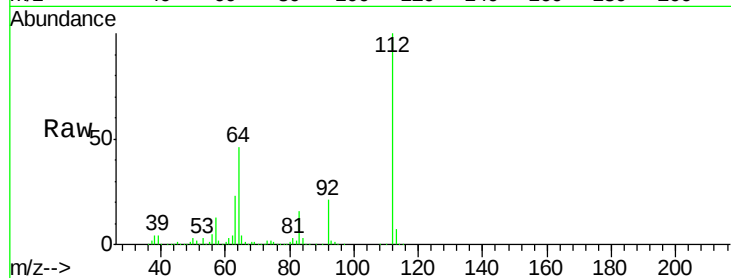
Tot Ion:112 Resp: 586642

Ion Ratio Lower Upper

112 100

64 45.8 38.3 57.5

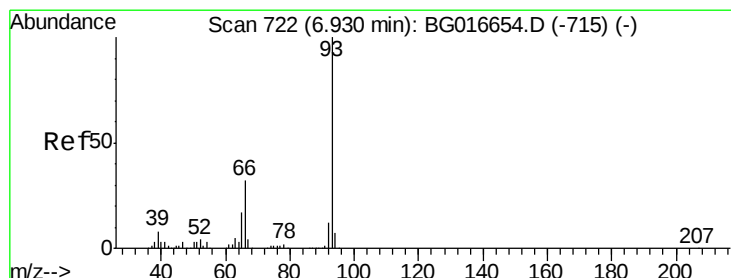
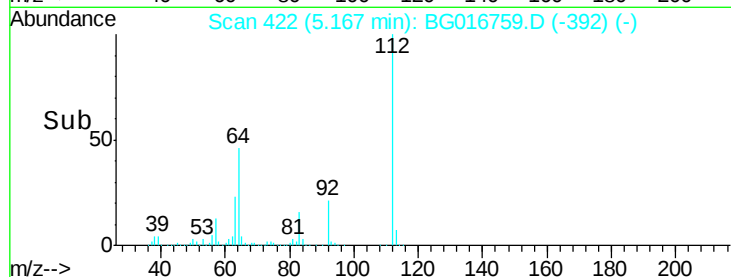
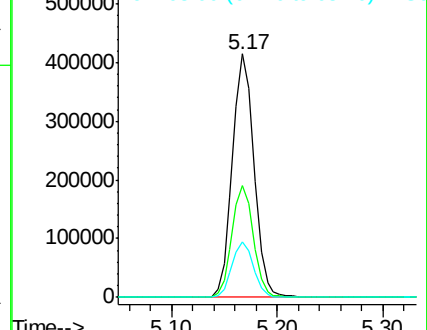
63 23.0 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.56 ng

RT: 6.91 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

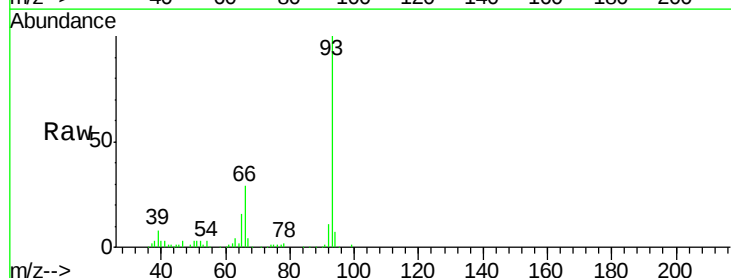
Tgt Ion: 93 Resp: 170985

Ion Ratio Lower Upper

93 100

66 29.3 25.4 38.2

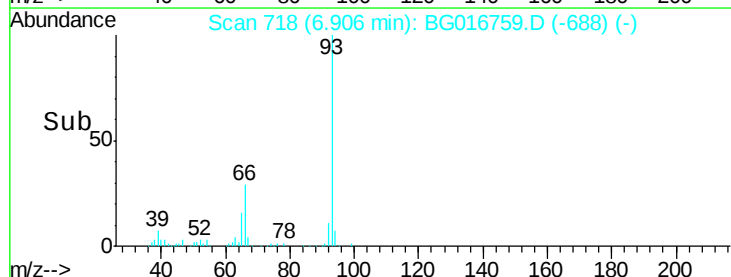
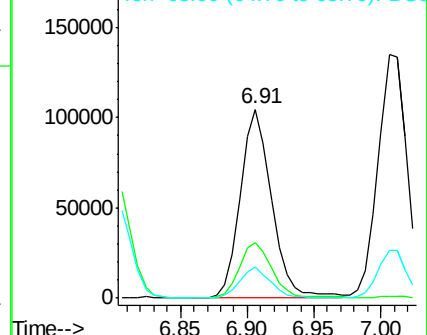
65 16.2 13.8 20.6

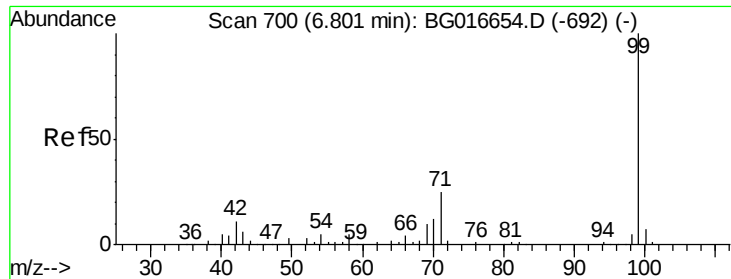


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.01 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.02 min

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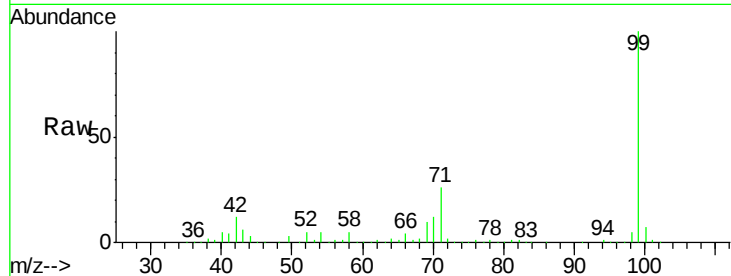
Tot Ion: 99 Resp: 788687

Ion Ratio Lower Upper

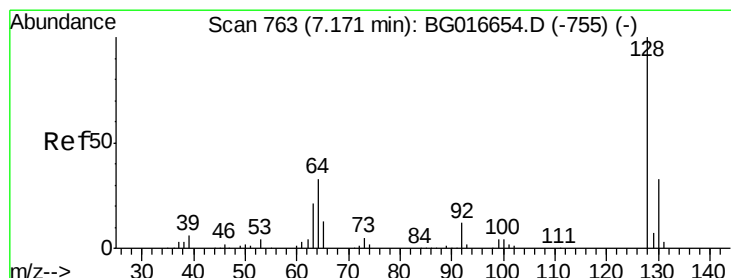
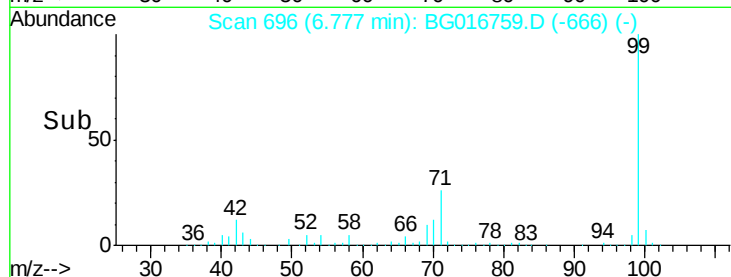
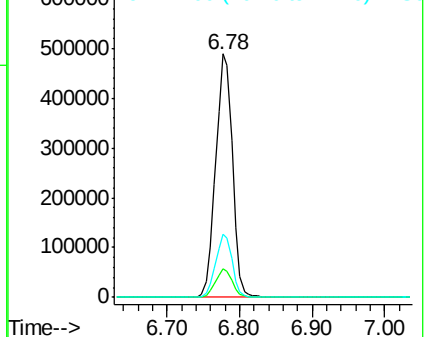
99 100

42 11.9 8.8 13.2

71 25.8 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: 50.87 ng

RT: 7.15 min Scan# 759

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

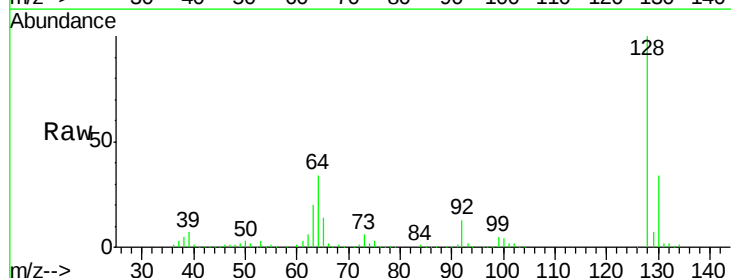
Tgt Ion: 128 Resp: 237211

Ion Ratio Lower Upper

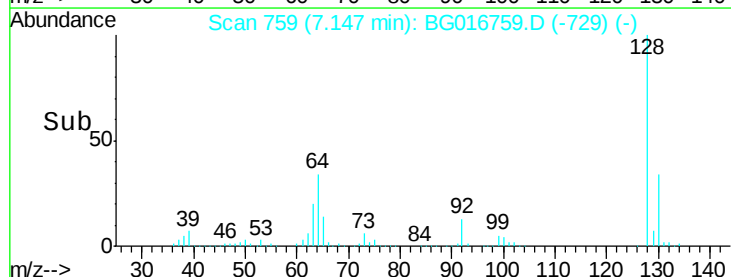
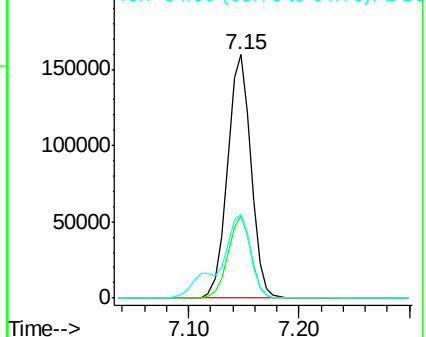
128 100

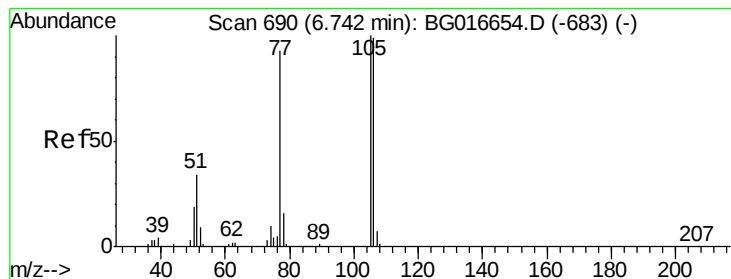
130 33.8 13.5 53.5

64 34.1 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: 7.51 ng

RT: 6.72 min Scan# 686

Delta R.T. -0.02 min

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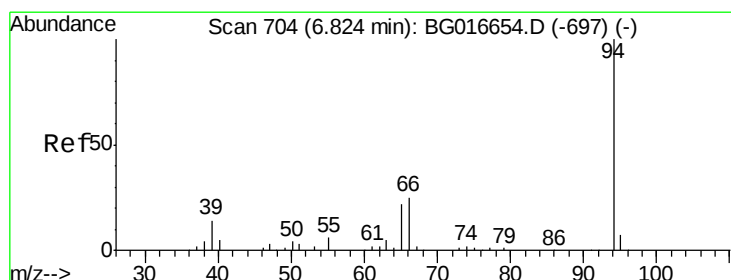
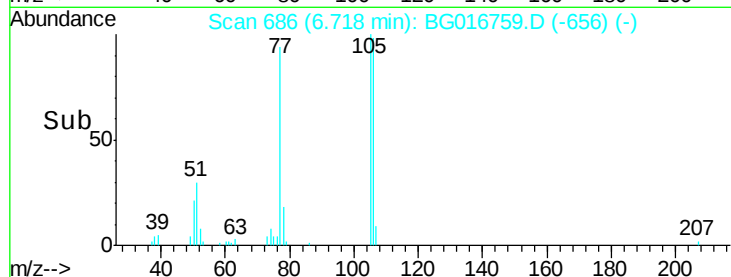
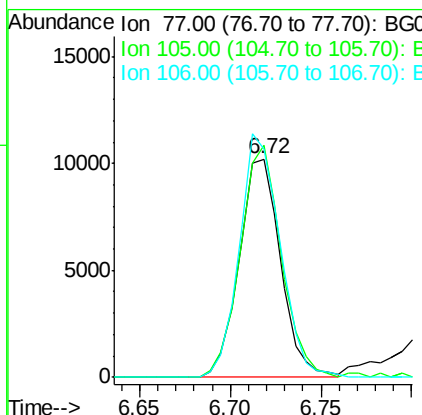
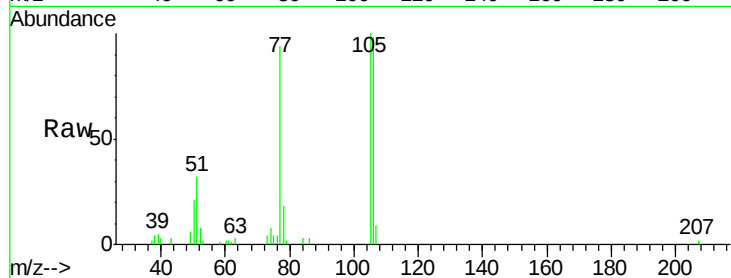
Tot Ion: 77 Resp: 16250

Ion Ratio Lower Upper

77 100

105 106.4 88.0 128.0

106 104.1 86.6 126.6



#10

Phenol

Concen: 54.50 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG016759.D

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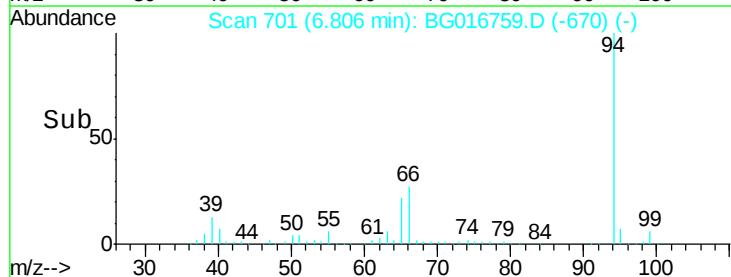
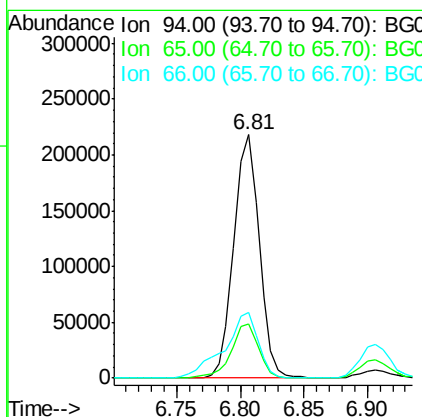
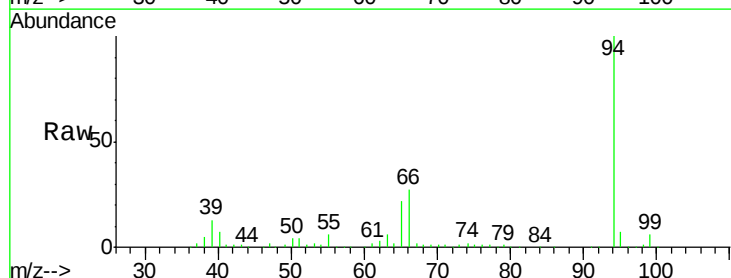
Tgt Ion: 94 Resp: 304029

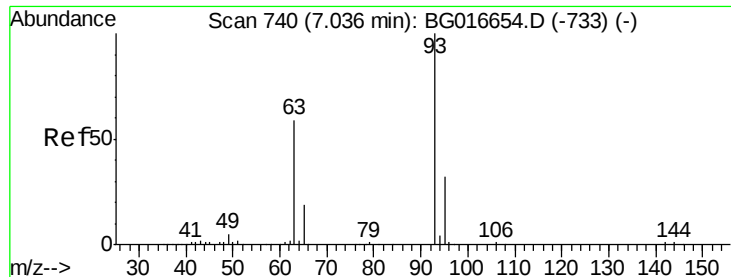
Ion Ratio Lower Upper

94 100

65 22.1 2.6 42.6

66 27.2 7.0 47.0

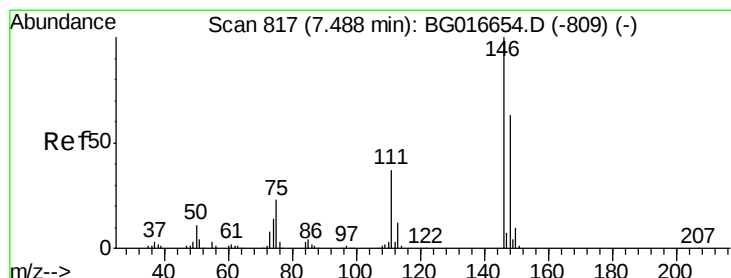
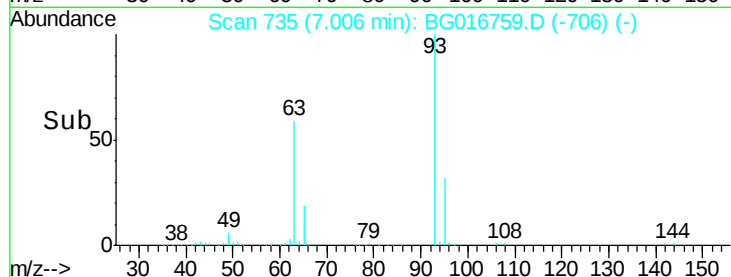
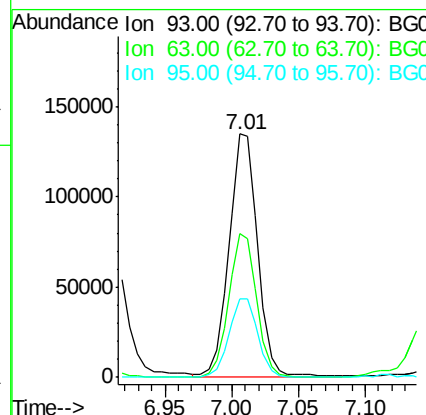
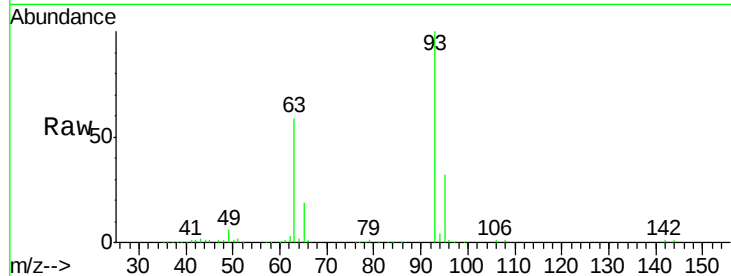




#11
 bis(2-Chloroethyl)ether
 Concen: 46.51 ng
 RT: 7.01 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

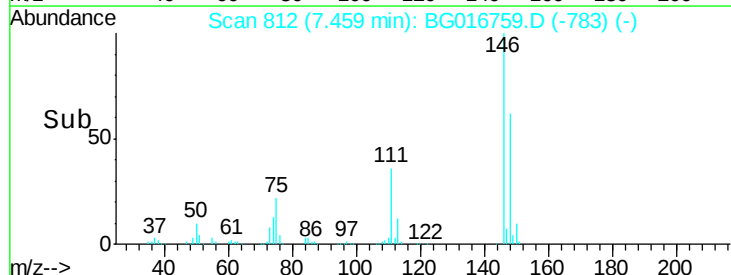
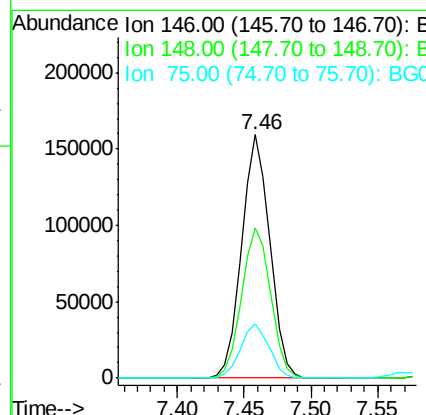
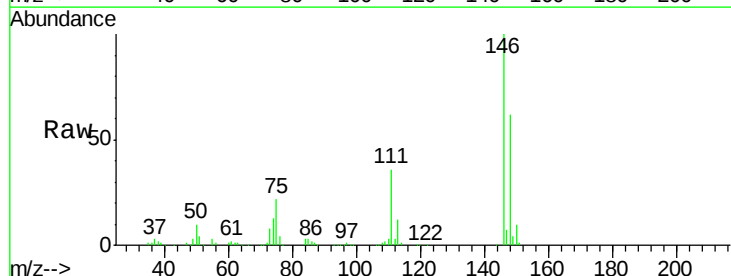
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

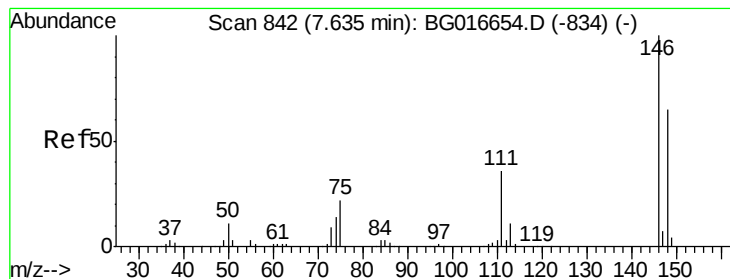
Tot Ion: 93 Resp: 202524
 Ion Ratio Lower Upper
 93 100
 63 59.2 39.2 79.2
 95 32.2 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 48.14 ng
 RT: 7.46 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion: 146 Resp: 232163
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.2 75.4
 75 22.4 18.4 27.6





#13

1,4-Dichlorobenzene

Concen: 47.87 ng

RT: 7.61 min Scan# 837

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

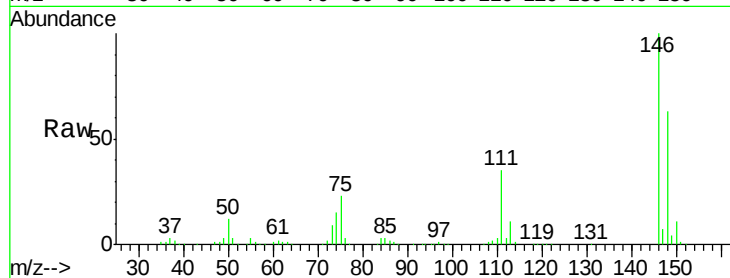
Tot Ion:146 Resp: 235990

Ion Ratio Lower Upper

146 100

148 63.1 51.6 77.4

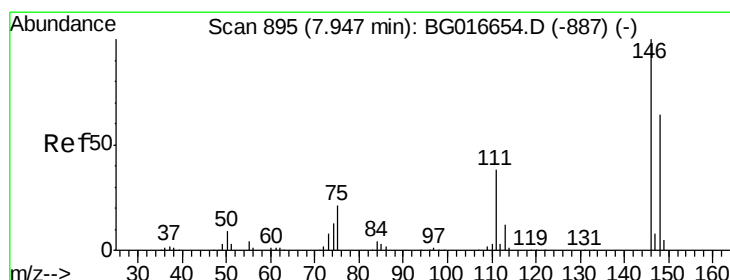
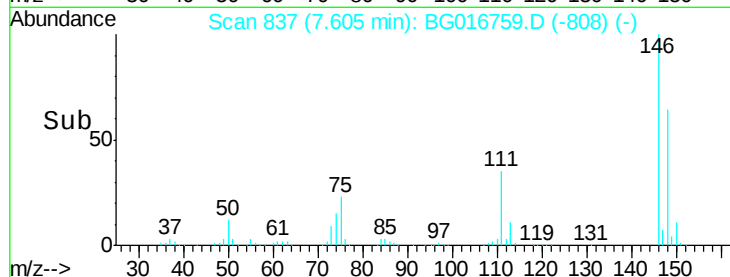
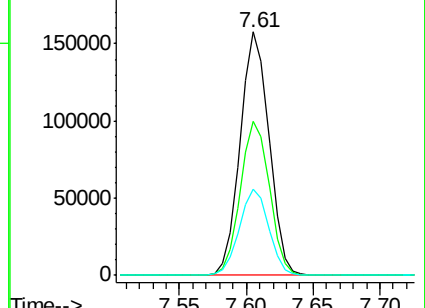
111 35.4 29.0 43.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.05 ng

RT: 7.92 min Scan# 891

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

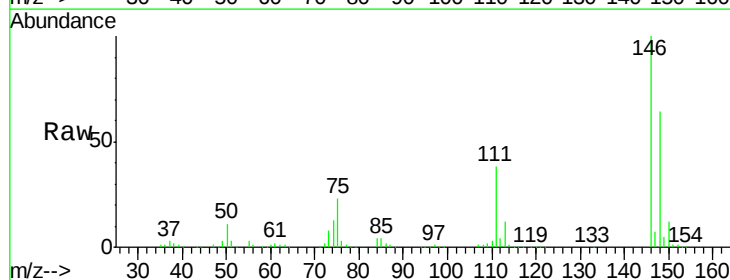
Tgt Ion:146 Resp: 226103

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

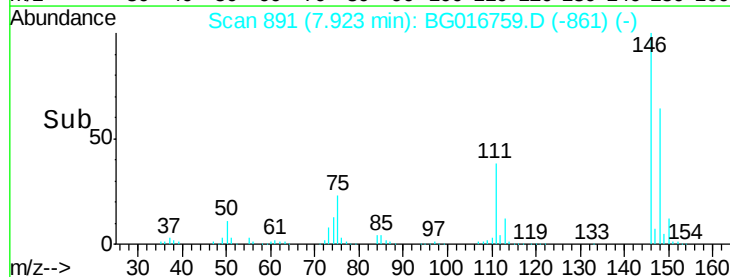
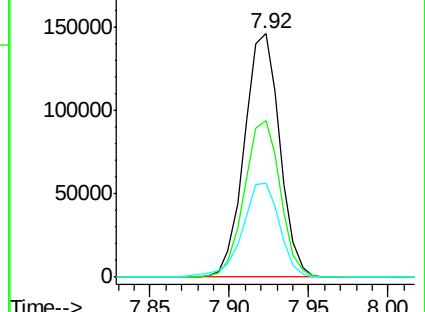
111 38.3 31.0 46.4

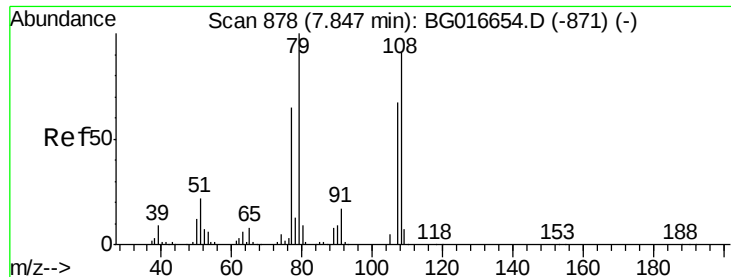


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.24 ng

RT: 7.82 min Scan# 874

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampled :

SB-64DMSD

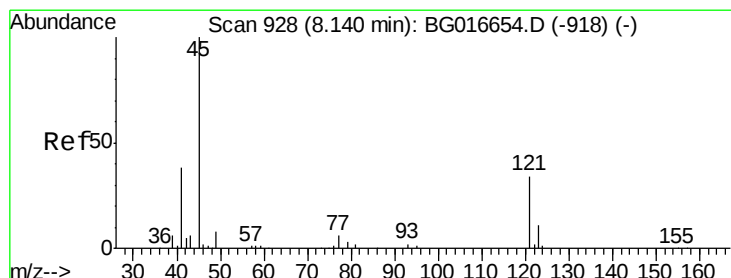
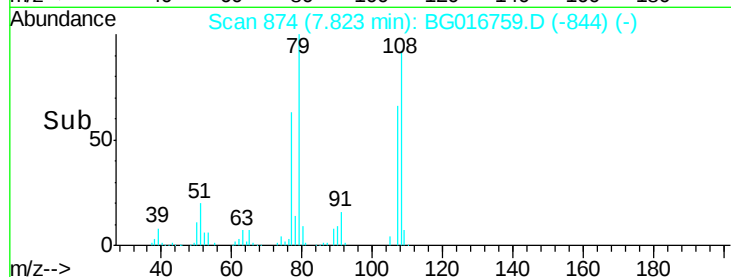
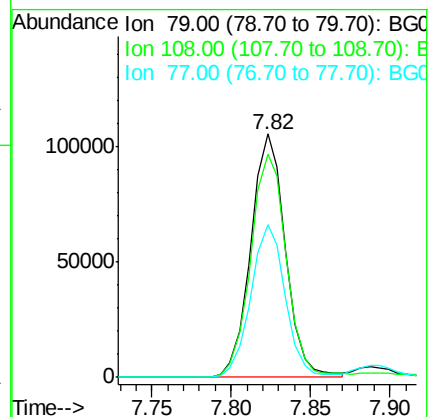
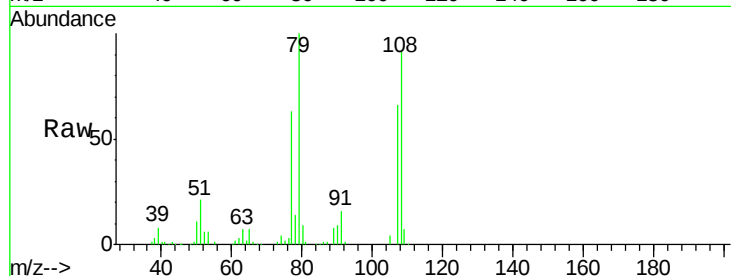
Tot Ion: 79 Resp: 160239

Ion Ratio Lower Upper

79 100

108 91.6 73.0 109.4

77 62.9 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.41 ng

RT: 8.11 min Scan# 923

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

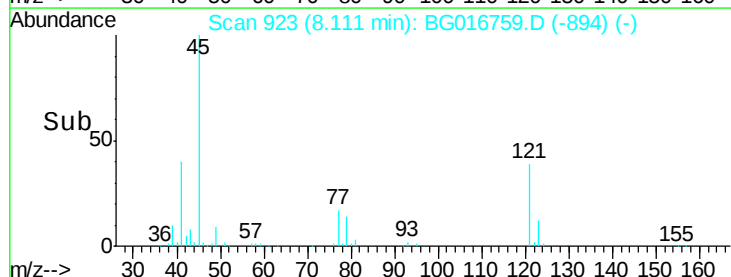
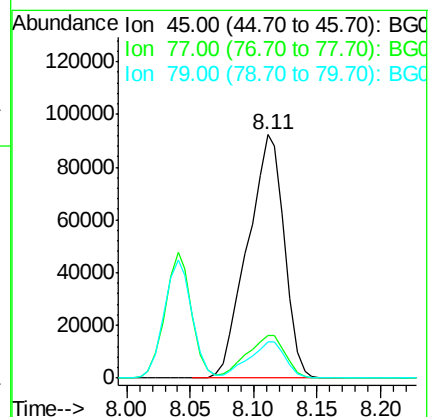
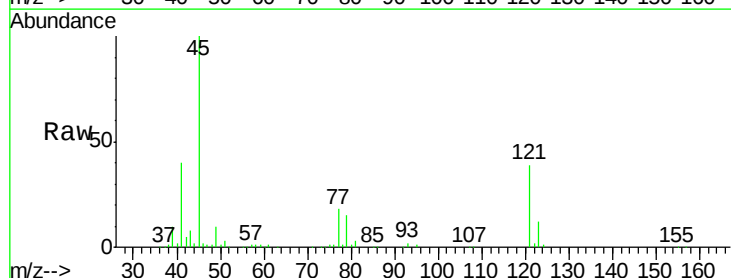
Tgt Ion: 45 Resp: 185108

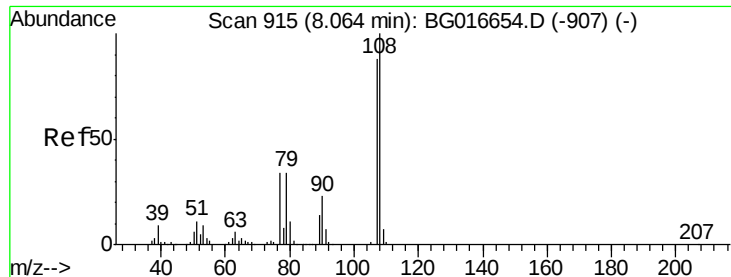
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.3

79 15.0 0.0 34.7





#17

2-Methylphenol

Concen: 51.22 ng

RT: 8.04 min Scan# 911

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

Tot Ion:107 Resp: 191061

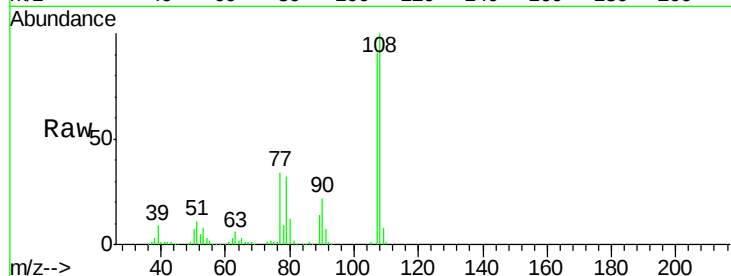
Ion Ratio Lower Upper

107 100

108 109.6 90.6 135.8

77 37.1 31.4 47.0

79 34.9 30.9 46.3

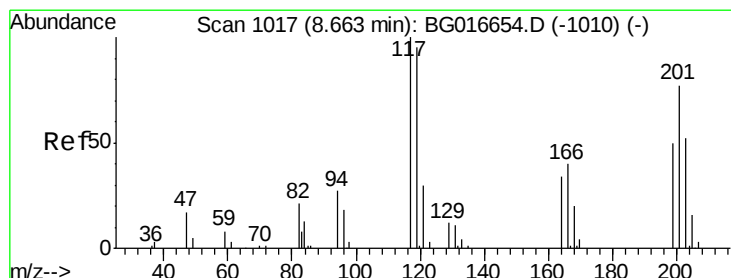
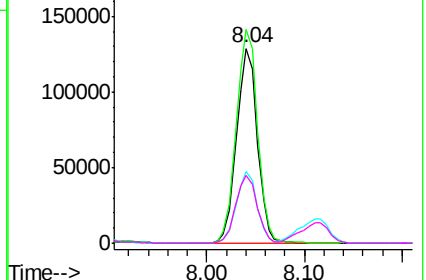
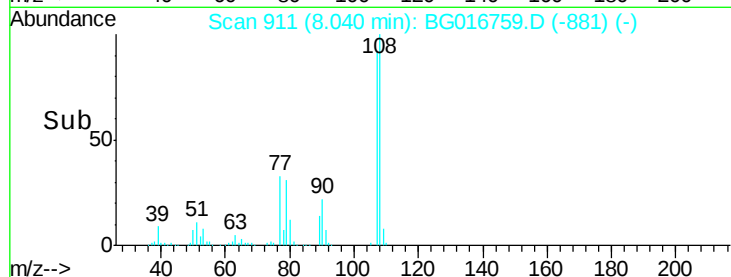


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.15 ng

RT: 8.64 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

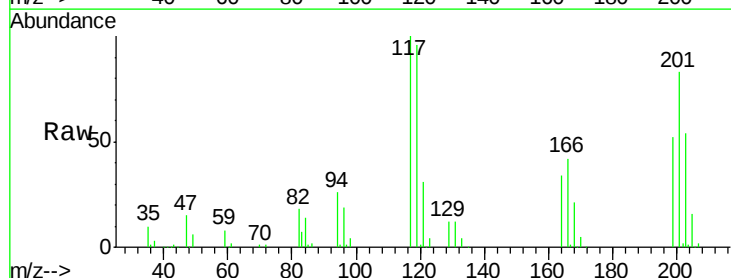
Tgt Ion:117 Resp: 83678

Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5

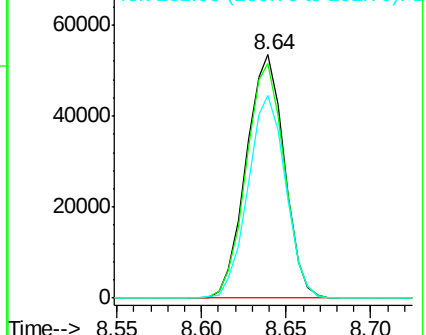
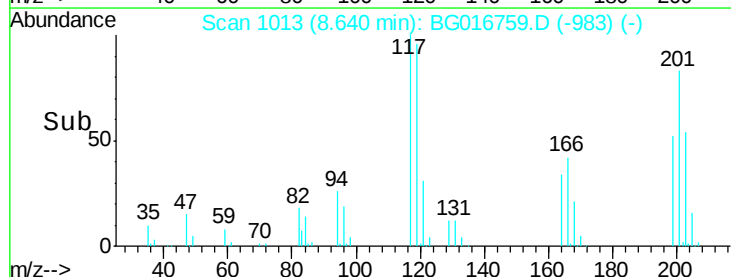
201 83.5 61.5 92.3

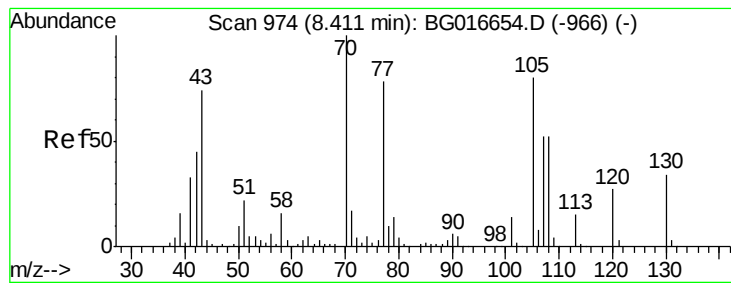


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.25 ng

RT: 8.38 min Scan# 969

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

Tot Ion: 70 Resp: 142700

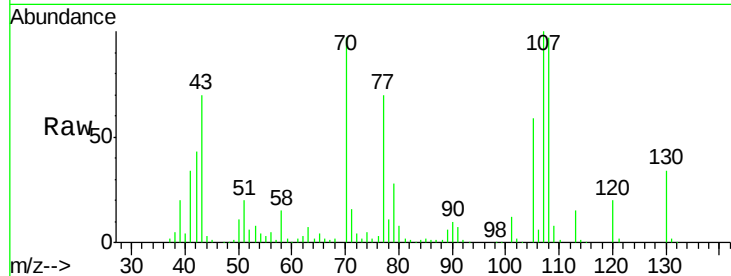
Ion Ratio Lower Upper

70 100

42 44.7 35.7 53.5

101 12.2 11.0 16.4

130 34.8 27.5 41.3

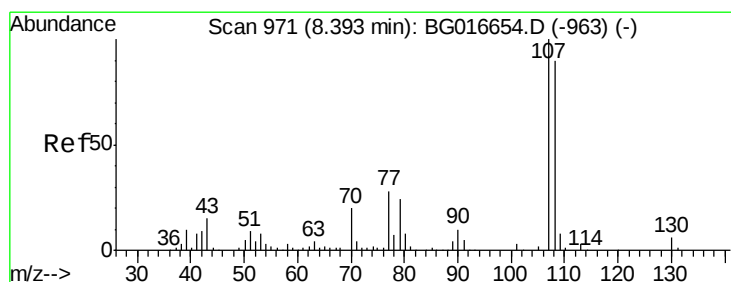
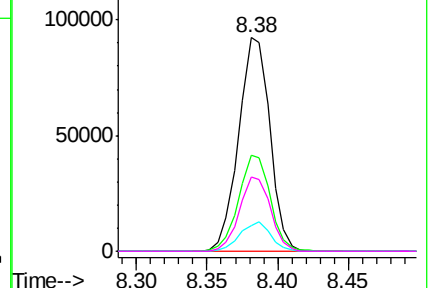
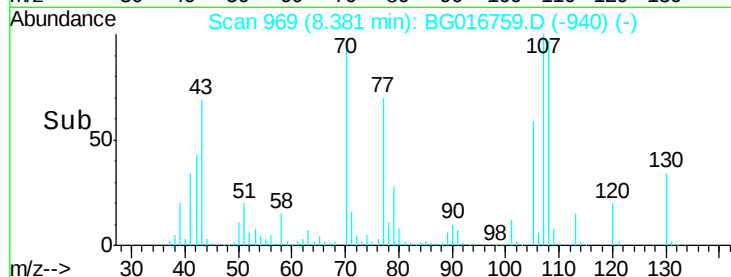


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.32 ng

RT: 8.37 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Tgt Ion:107 Resp: 258649

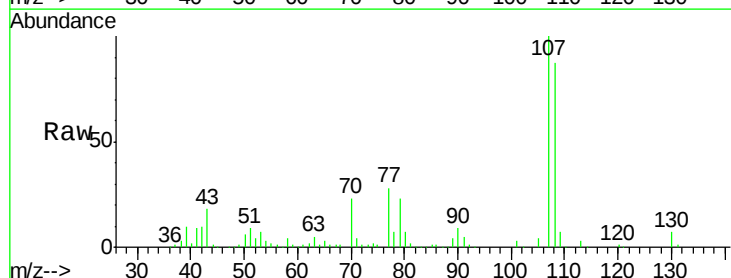
Ion Ratio Lower Upper

107 100

108 87.4 69.5 109.5

77 28.3 8.2 48.2

79 23.0 4.2 44.2

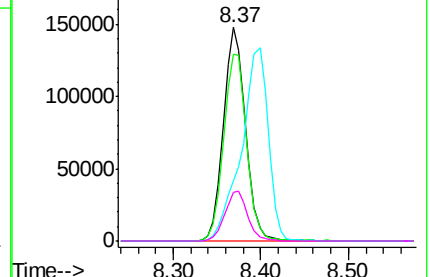
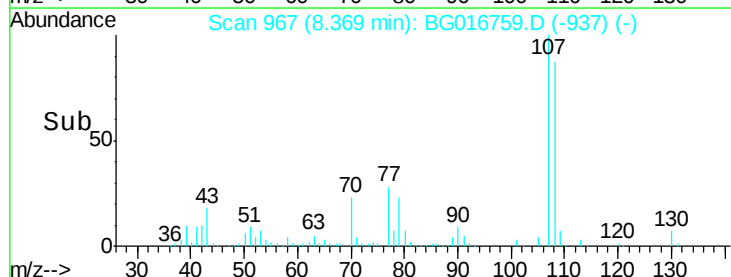


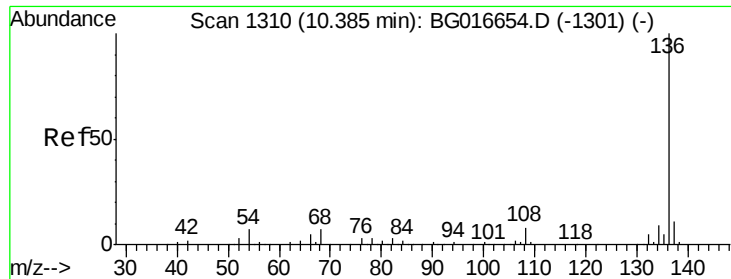
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

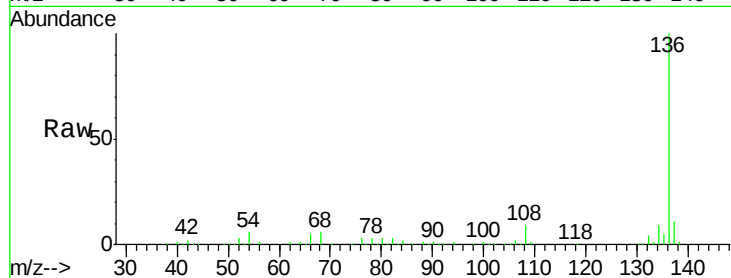




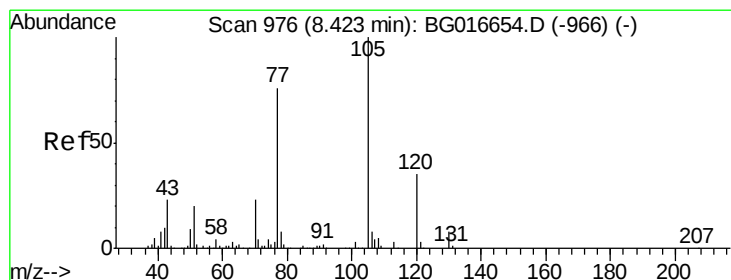
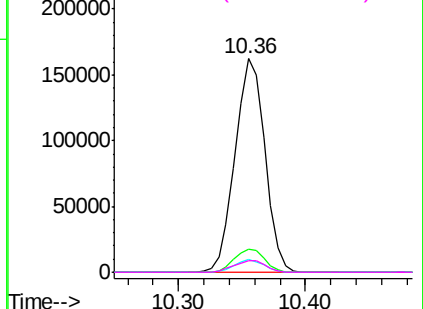
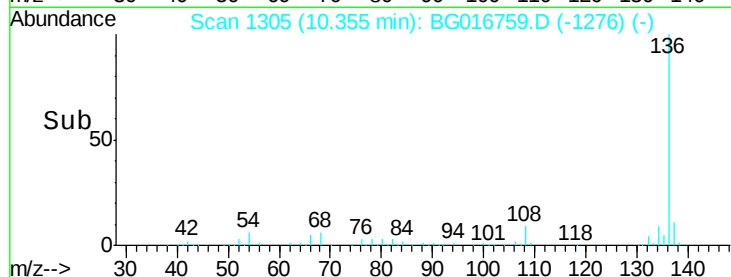
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

Tot Ion:136	Resp:	264086
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.1	5.4 8.2
68	5.6	5.2 7.8

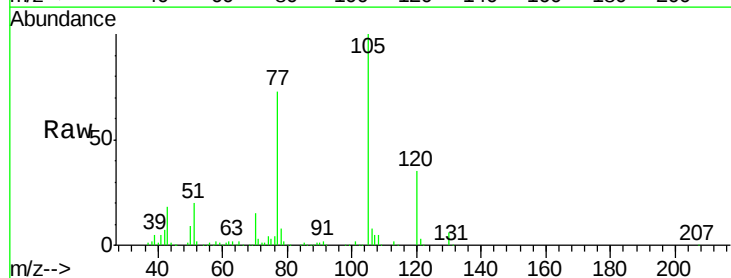


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

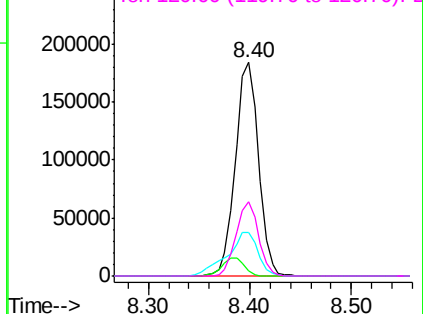
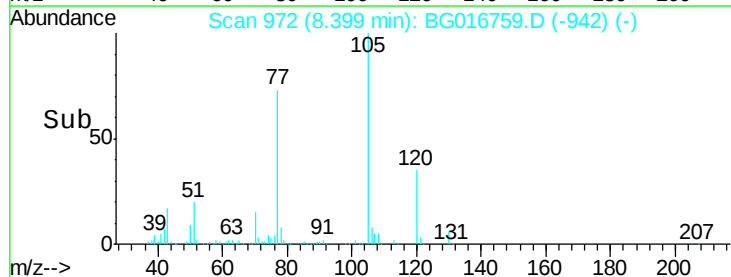


#22
Acetophenone
Concen: 50.47 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:105	Resp:	292529
Ion Ratio	Lower	Upper
105	100	
71	2.6	3.0 4.4#
51	20.5	16.5 24.7
120	34.9	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

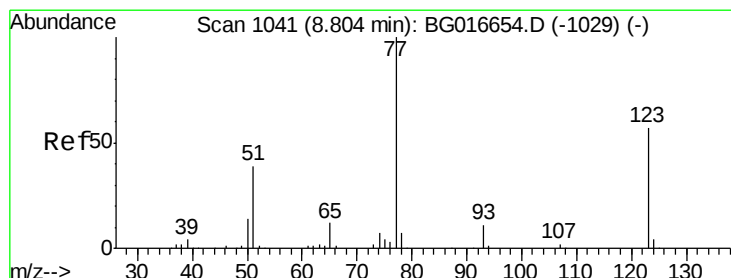
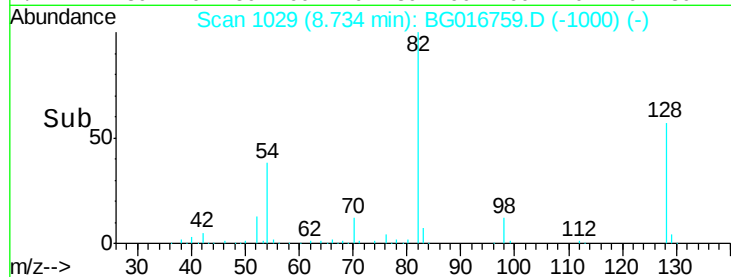
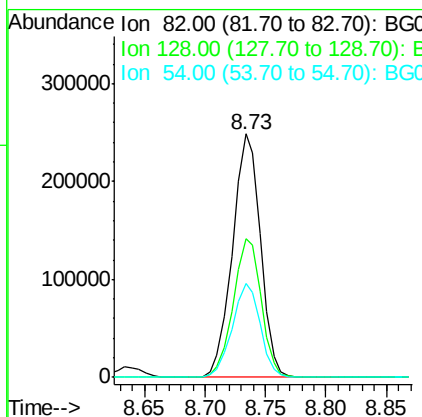
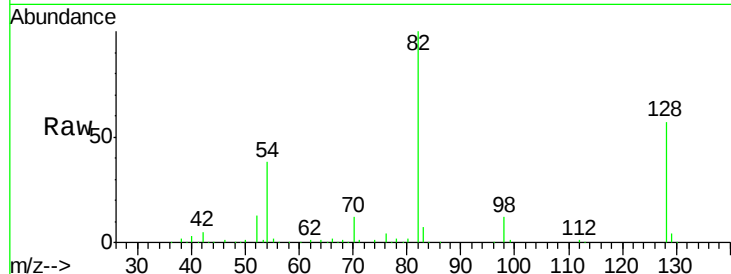




#23
 Nitrobenzene-d5
 Concen: 96.24 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

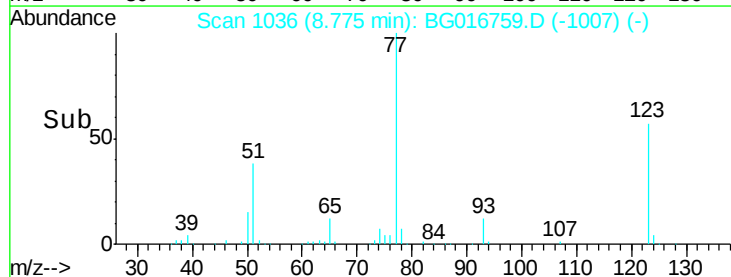
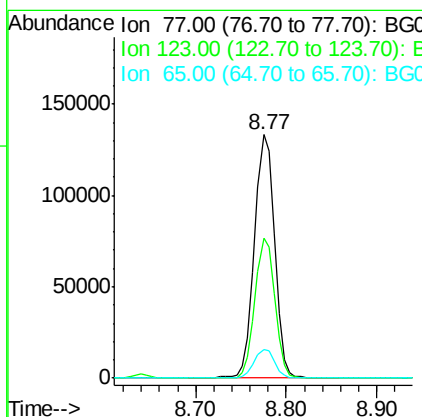
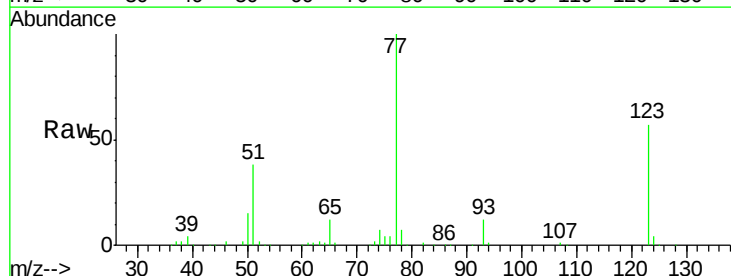
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

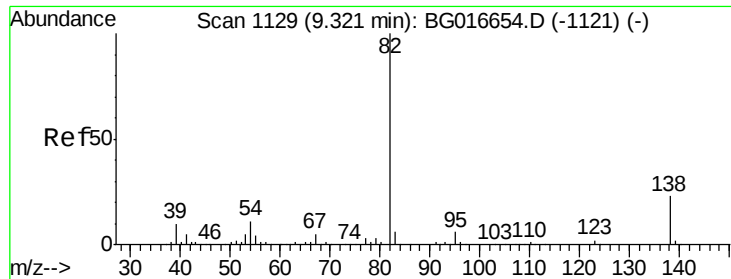
Tot Ion: 82 Resp: 402216
 Ion Ratio Lower Upper
 82 100
 128 57.0 44.7 67.1
 54 38.5 30.9 46.3



#24
 Nitrobenzene
 Concen: 47.05 ng
 RT: 8.77 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion: 77 Resp: 206529
 Ion Ratio Lower Upper
 77 100
 123 57.3 45.6 68.4
 65 11.6 9.4 14.2





#25

Isophorone

Concen: 46.06 ng

RT: 9.30 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

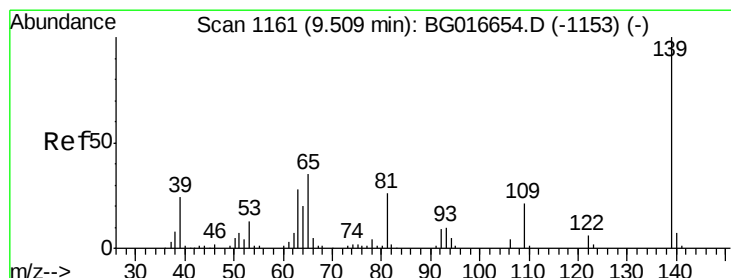
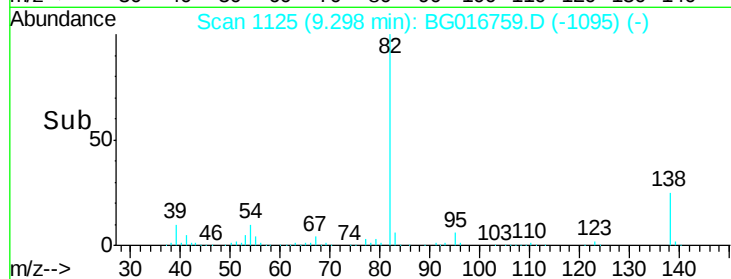
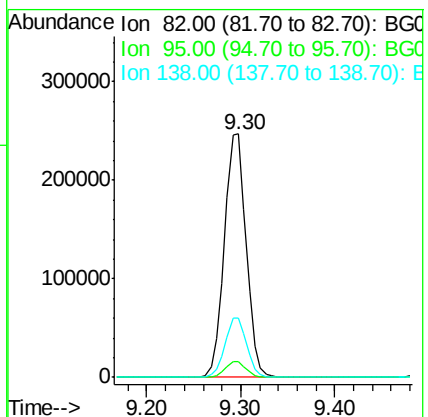
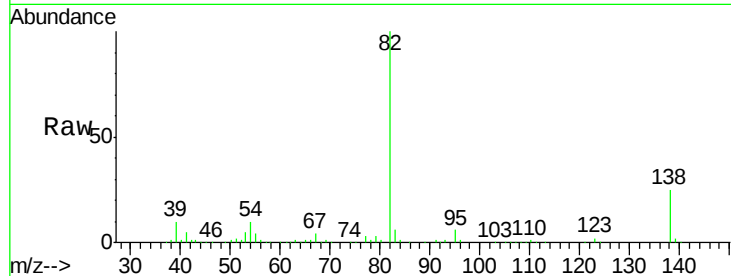
Tot Ion: 82 Resp: 398952

Ion Ratio Lower Upper

82 100

95 6.2 5.0 7.6

138 24.5 18.2 27.2



#26

2-Nitrophenol

Concen: 52.99 ng

RT: 9.48 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

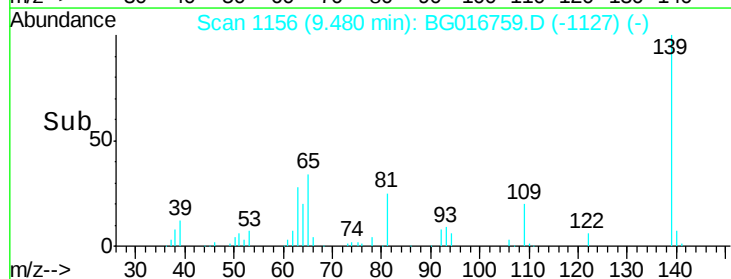
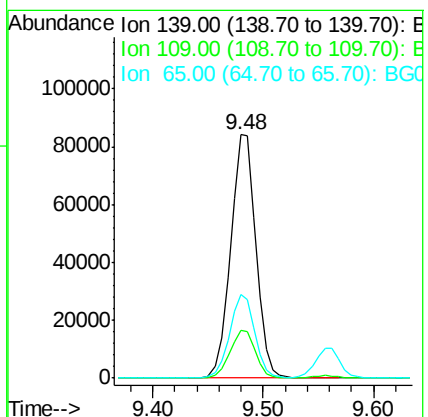
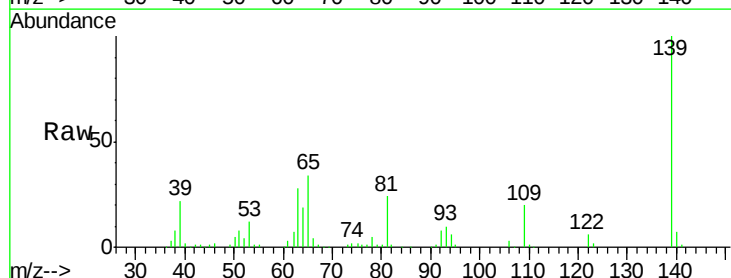
Tgt Ion: 139 Resp: 134955

Ion Ratio Lower Upper

139 100

109 19.6 17.0 25.6

65 34.4 28.2 42.4





#27

2,4-Dimethylphenol

Concen: 52.69 ng

RT: 9.56 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

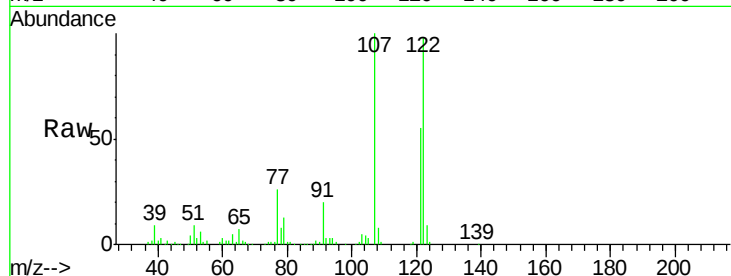
Tot Ion:122 Resp: 224091

Ion Ratio Lower Upper

122 100

107 101.8 83.6 125.4

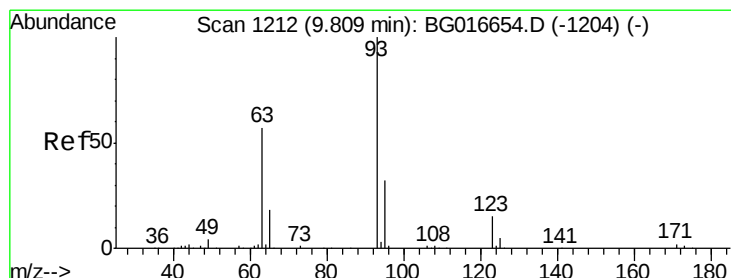
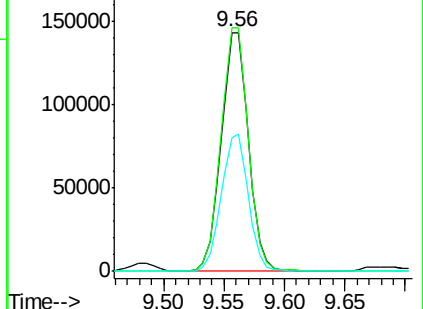
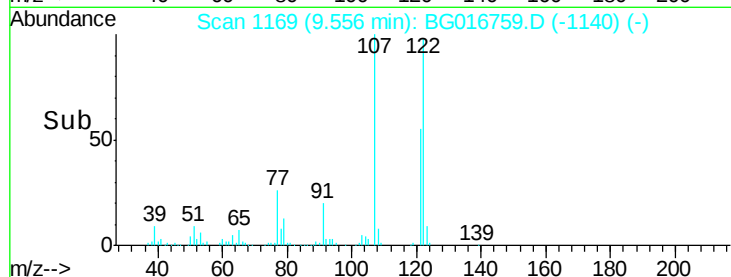
121 56.1 46.8 70.2



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: 47.72 ng

RT: 9.78 min Scan# 1207

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

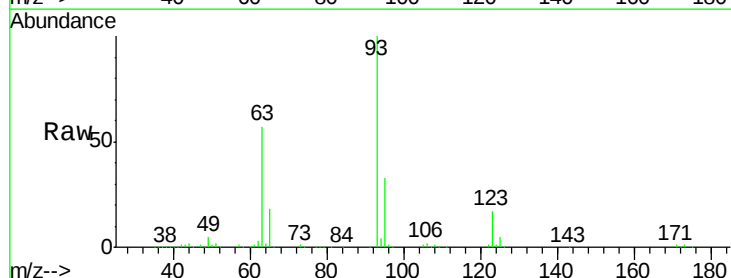
Tgt Ion: 93 Resp: 249392

Ion Ratio Lower Upper

93 100

95 33.1 25.4 38.2

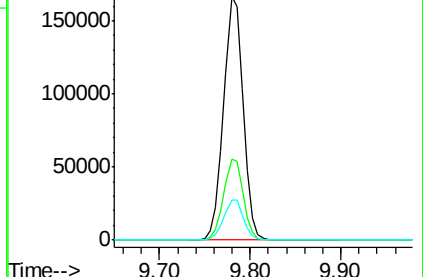
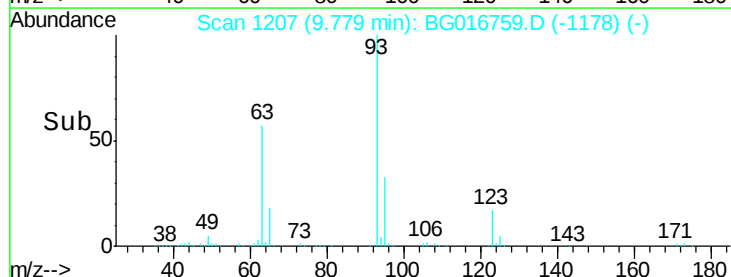
123 16.6 12.2 18.4

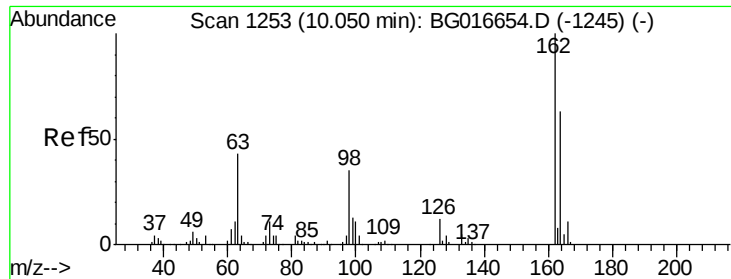


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

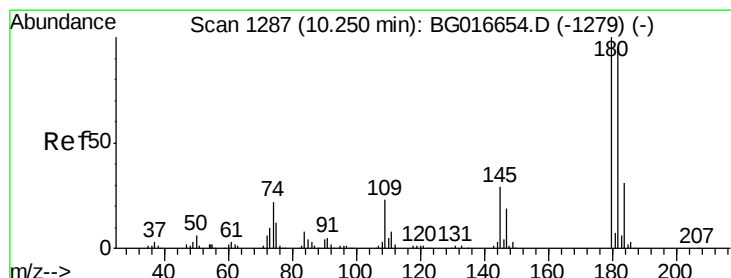
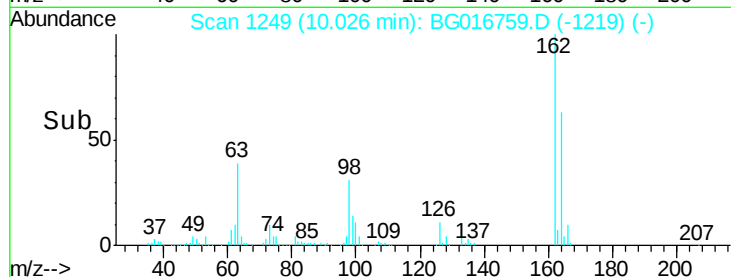
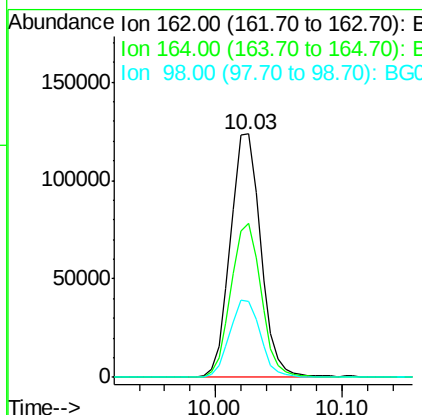
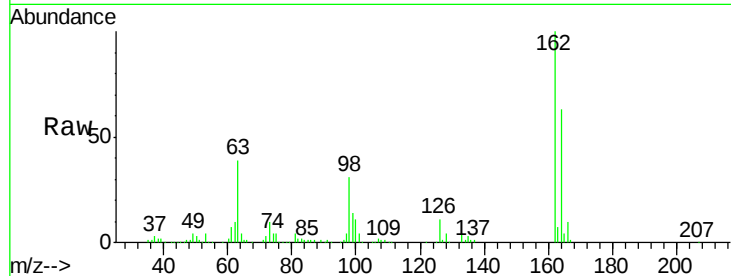




#29
2,4-Dichlorophenol
Concen: 56.97 ng
RT: 10.03 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

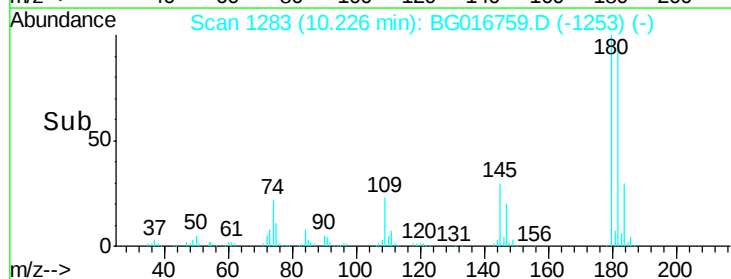
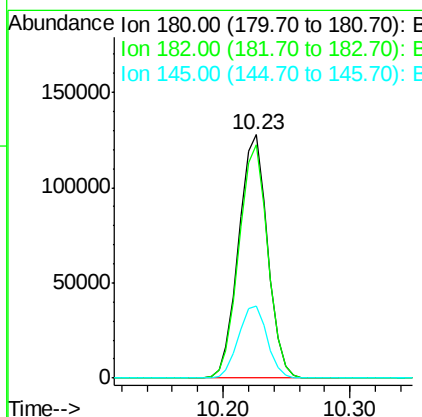
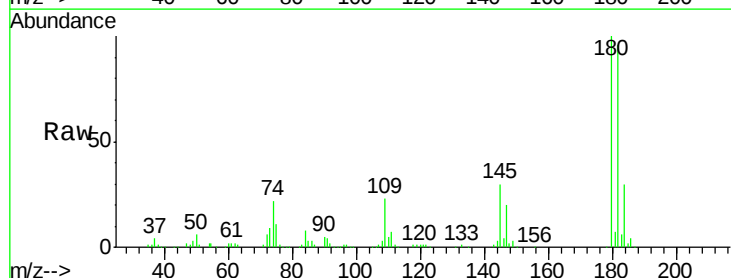
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

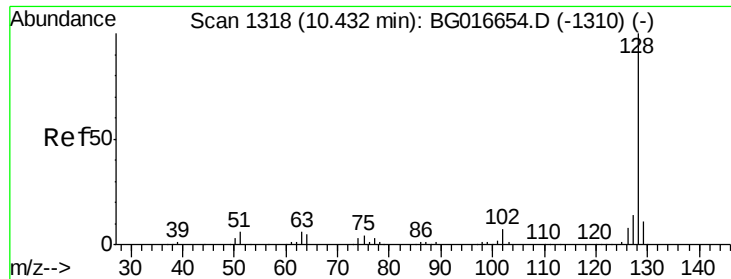
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.9	82.9
98	31.4	15.4	55.4



#30
1,2,4-Trichlorobenzene
Concen: 52.51 ng
RT: 10.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	29.8	23.2	34.8

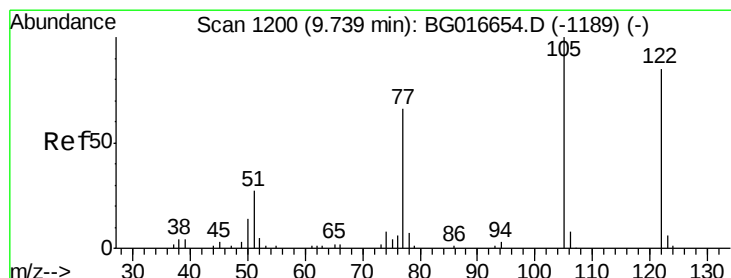
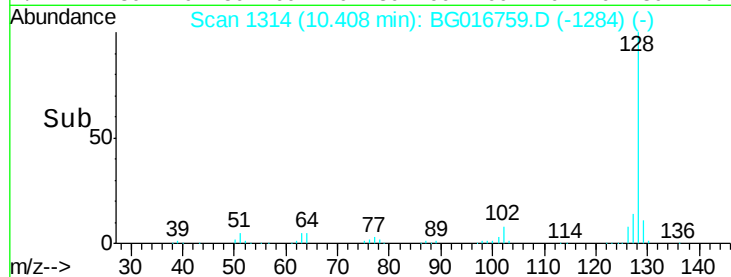
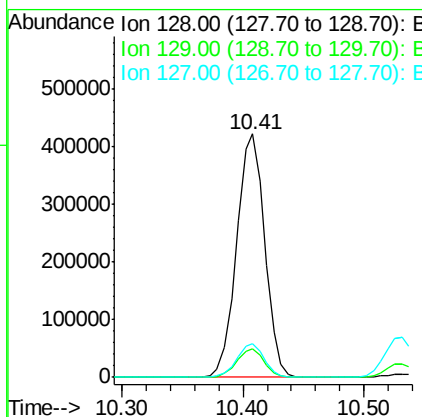
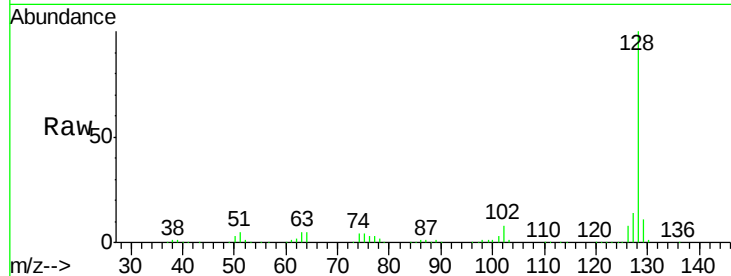




#31
Naphthalene
Concen: 49.08 ng
RT: 10.41 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

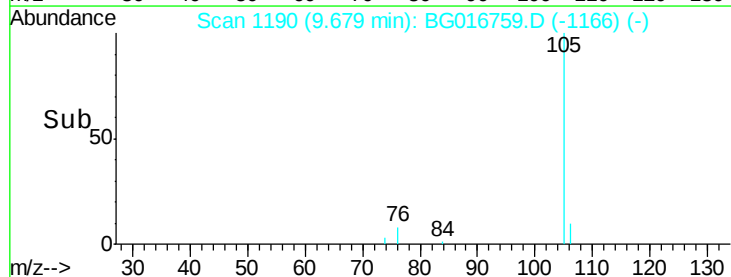
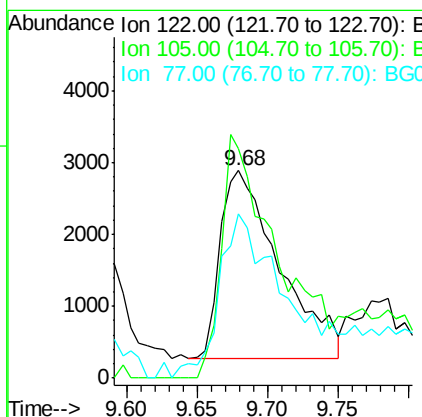
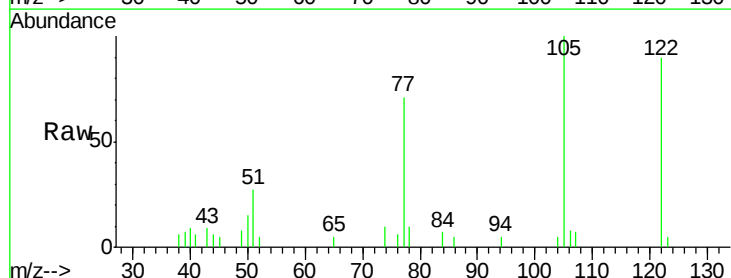
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

Tot Ion:128 Resp: 683407
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 11.55 ng
RT: 9.68 min Scan# 1190
Delta R.T. -0.06 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:122 Resp: 7619
Ion Ratio Lower Upper
122 100
105 110.6 97.2 137.2
77 79.0 58.4 98.4

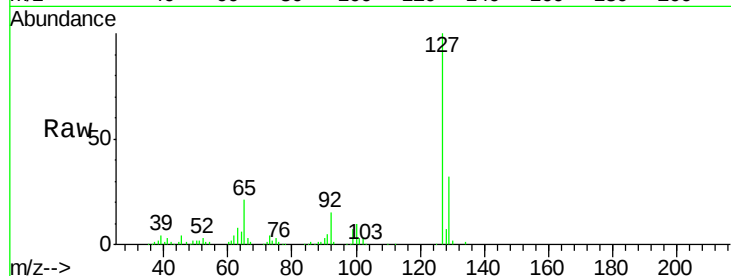




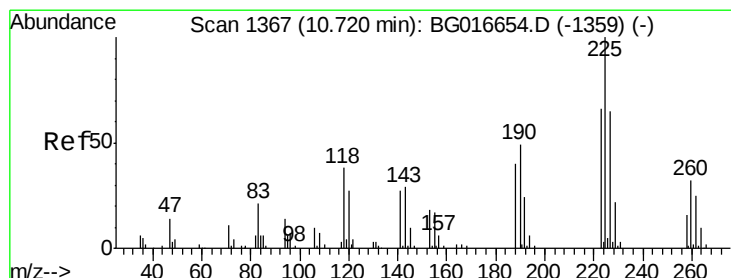
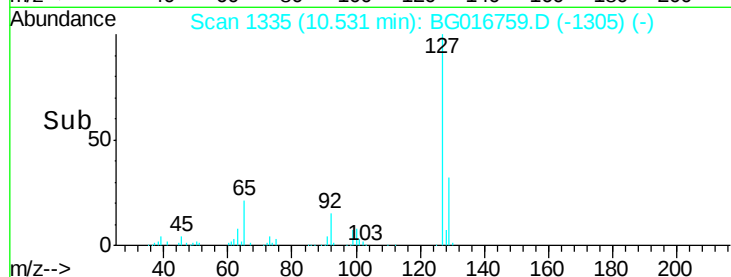
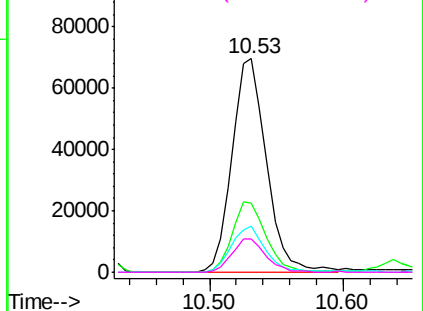
#33
4-Chloroaniline
Concen: 19.47 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

Tot Ion:	127	Resp:	124884
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.4	41.2
65	21.5	19.1	28.7
92	15.3	12.6	18.8

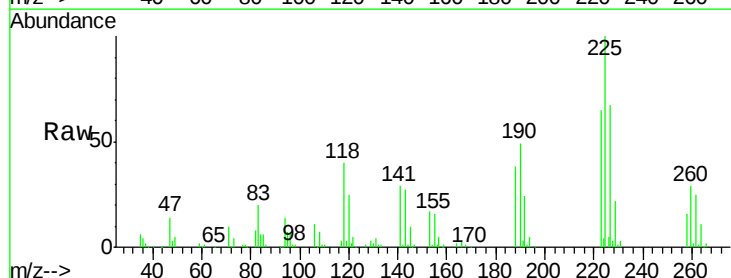


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

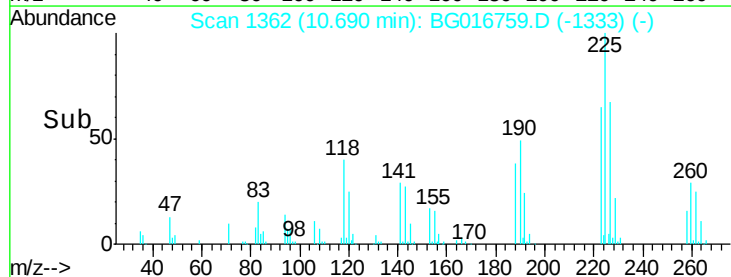
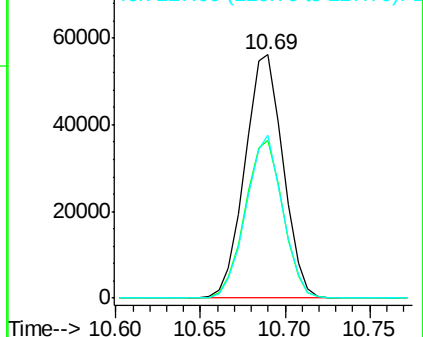


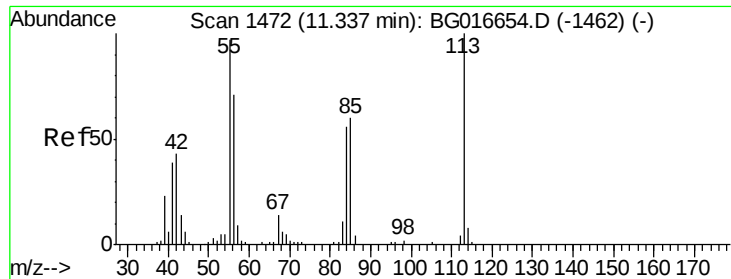
#34
Hexachlorobutadiene
Concen: 51.49 ng
RT: 10.69 min Scan# 1362
Delta R.T. -0.03 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:	225	Resp:	88118
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.6	79.0
227	66.7	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: 48.24 ng/ml

RT: 11.31 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

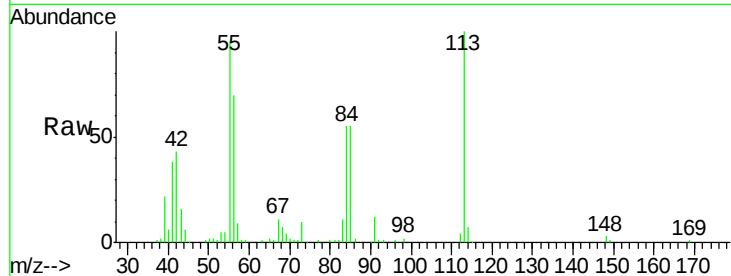
Tot Ion:113 Resp: 94008

Ion Ratio Lower Upper

113 100

55 94.6 77.1 117.1

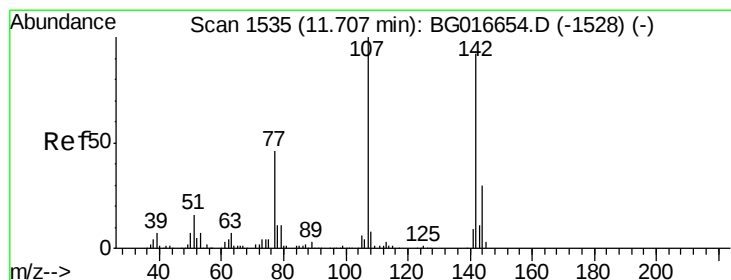
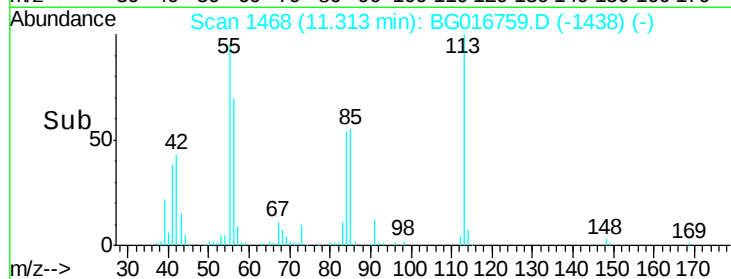
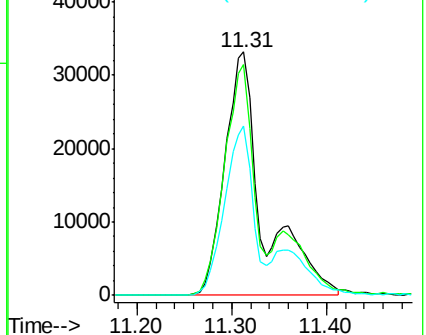
56 69.5 51.4 91.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.72 ng/ml

RT: 11.68 min Scan# 1531

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

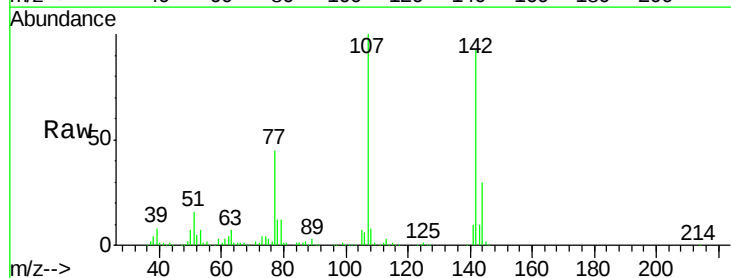
Tgt Ion:107 Resp: 213176

Ion Ratio Lower Upper

107 100

144 30.2 24.2 36.4

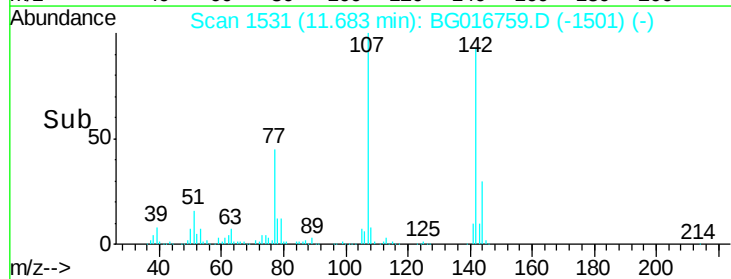
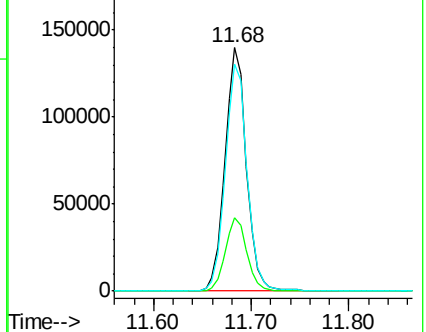
142 93.1 73.8 110.6

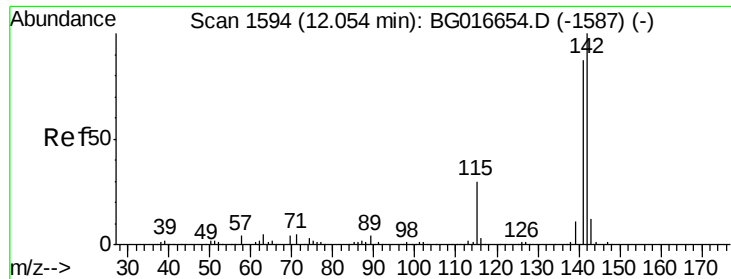


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

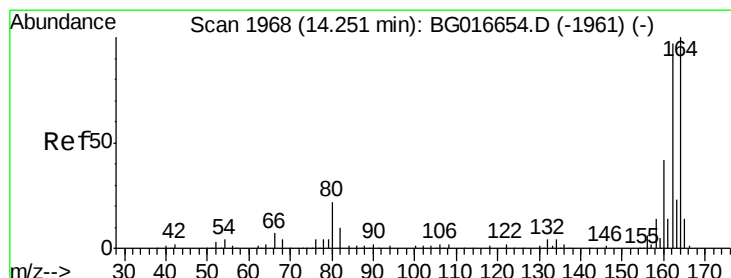
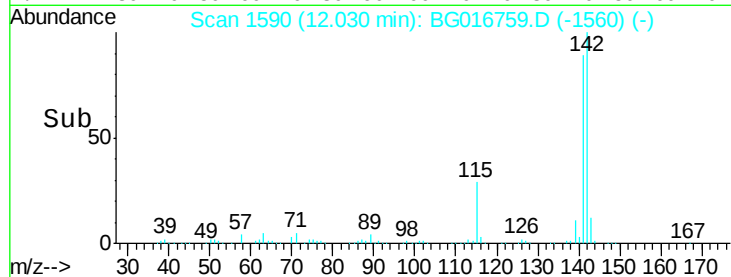
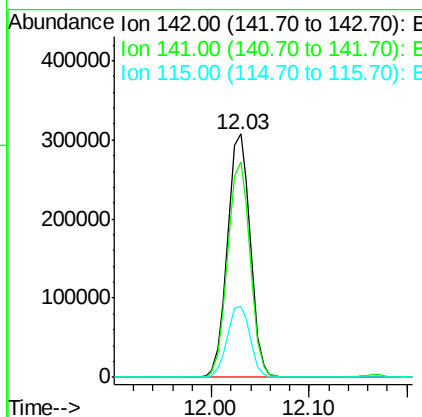
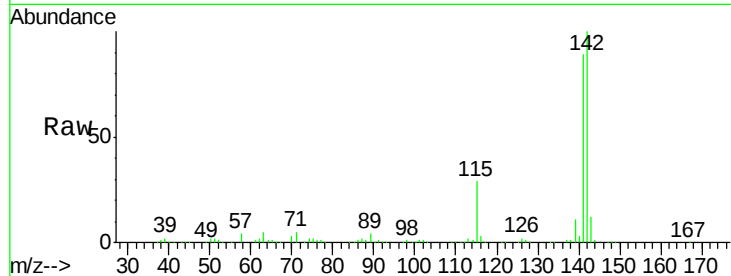




#37
 2-Methylnaphthalene
 Concen: 49.49 ng
 RT: 12.03 min Scan# 1590
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

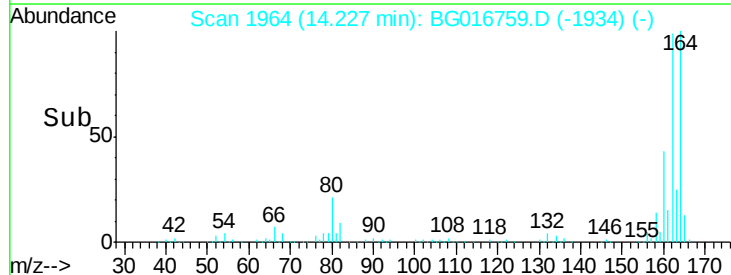
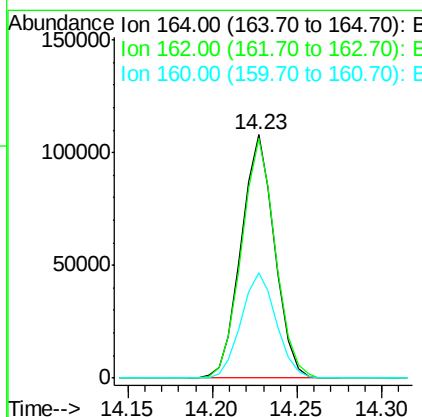
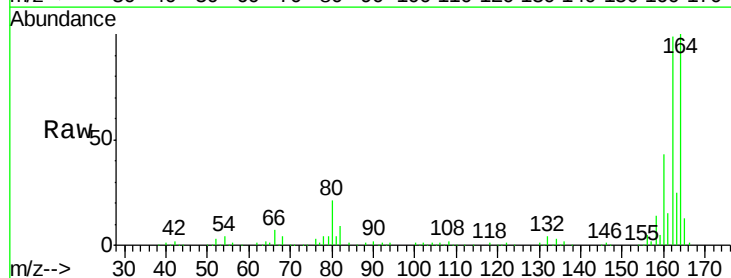
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

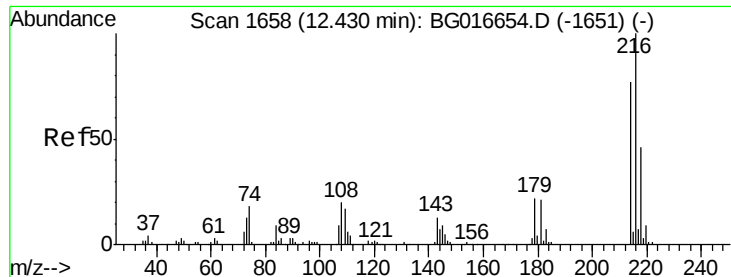
Tot Ion:142 Resp: 497668
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.9 104.9
 115 29.3 24.0 36.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:164 Resp: 148287
 Ion Ratio Lower Upper
 164 100
 162 98.6 77.3 115.9
 160 43.1 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.40 ng

RT: 12.41 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

Tot Ion:216 Resp: 188645

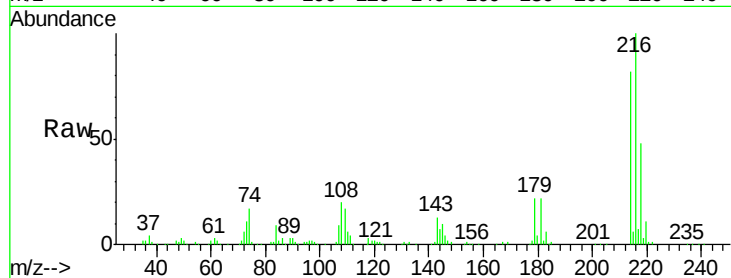
Ion Ratio Lower Upper

216 100

214 81.0 63.8 95.8

179 22.0 17.6 26.4

108 21.6 18.1 27.1

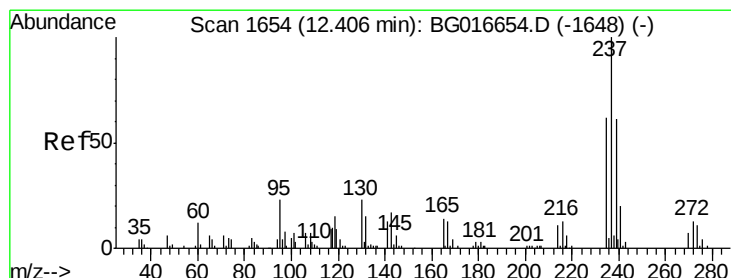
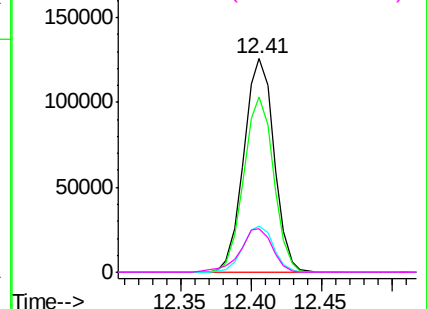
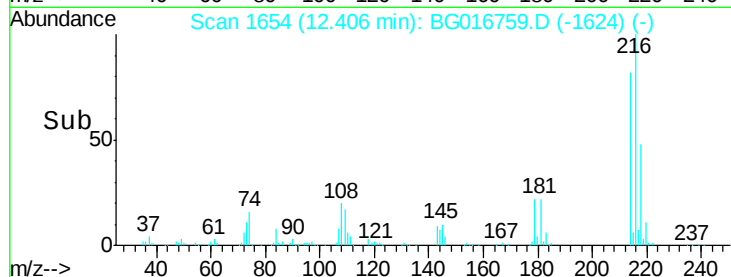


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.79 ng

RT: 12.38 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

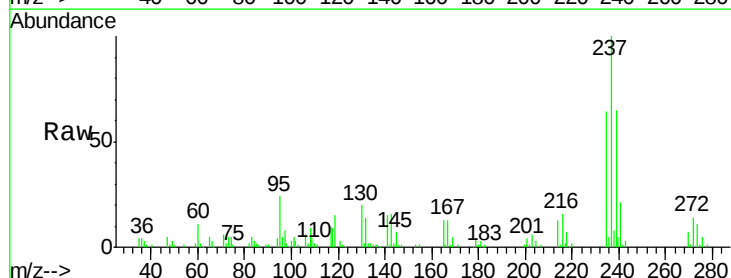
Tgt Ion:237 Resp: 61019

Ion Ratio Lower Upper

237 100

235 63.6 42.2 82.2

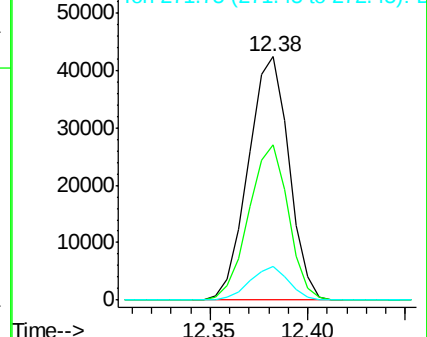
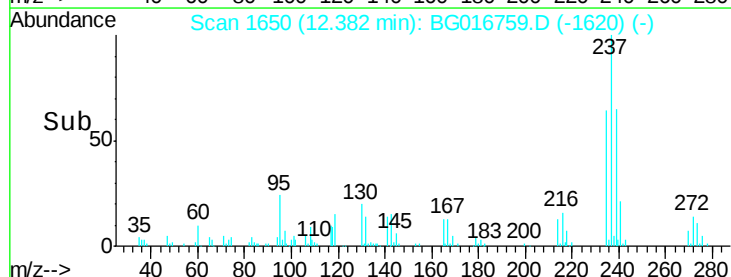
272 14.0 0.0 32.8

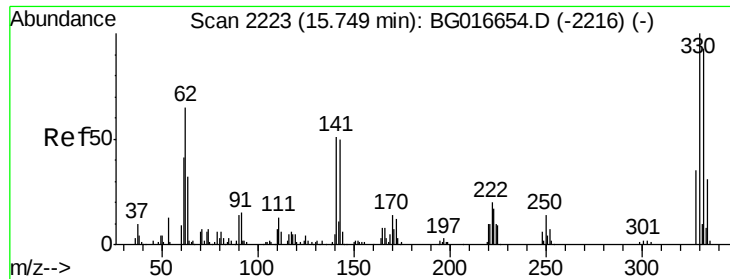


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

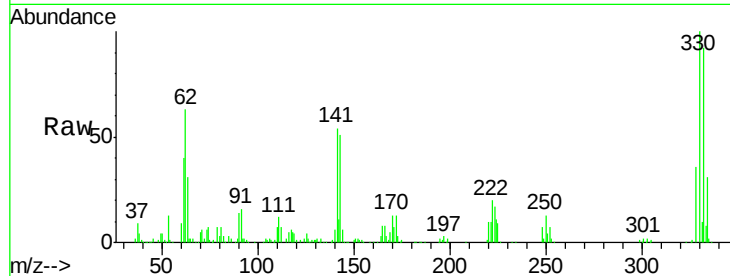




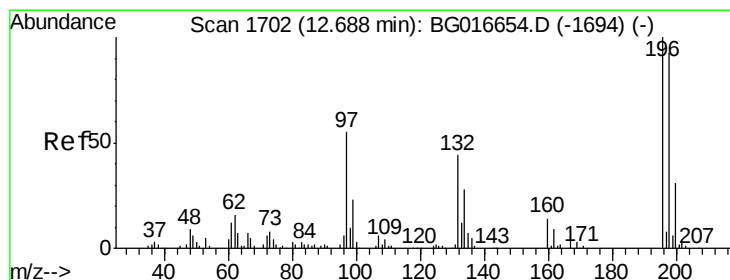
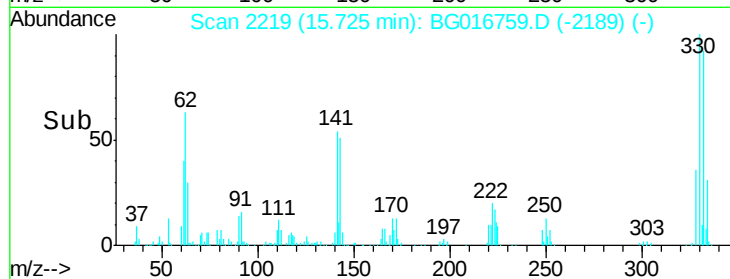
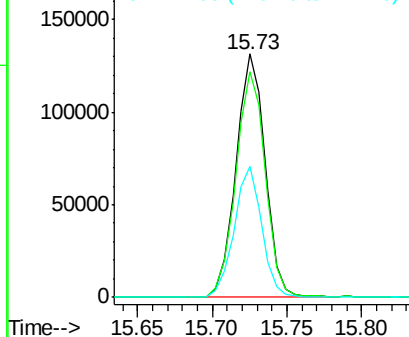
#41
 2,4,6-Tribromophenol
 Concen: 162.11 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.2	114.4
141	51.4	43.0	64.6

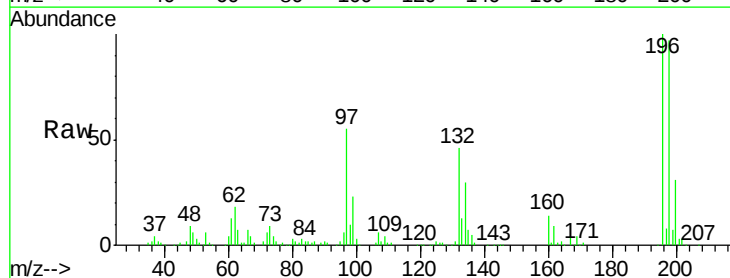


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

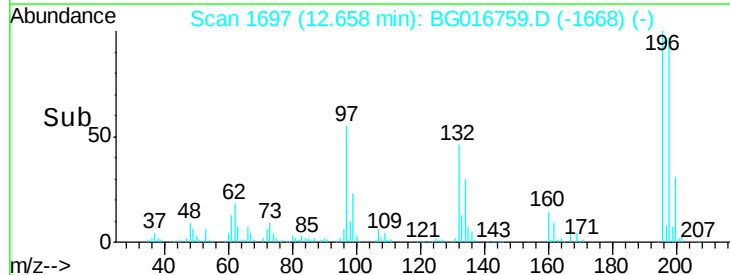
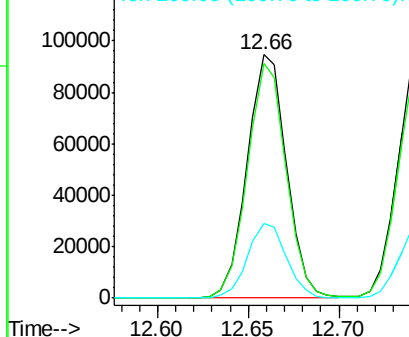


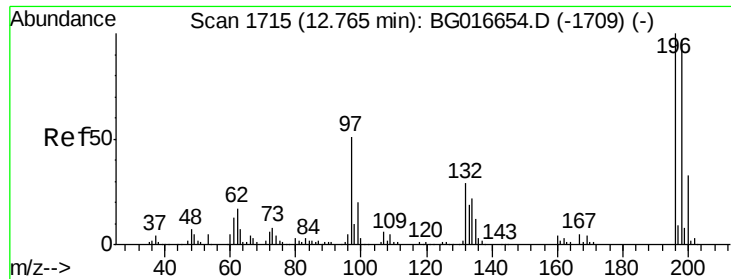
#42
 2,4,6-Trichlorophenol
 Concen: 55.27 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	111.8
200	30.7	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

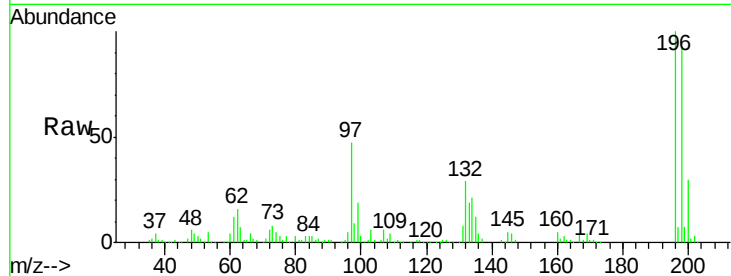




#43
 2,4,5-Trichlorophenol
 Concen: 55.63 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	77.4	116.0
97	46.7	40.9	61.3
132	29.5	23.2	34.8



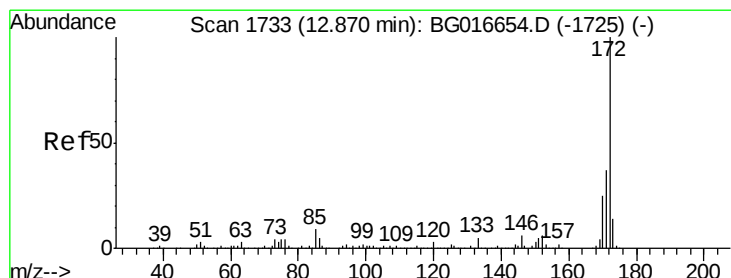
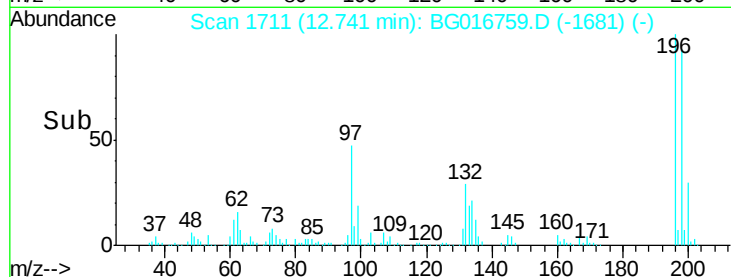
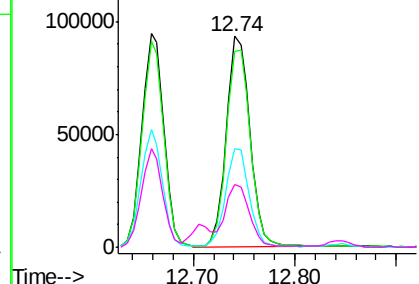
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

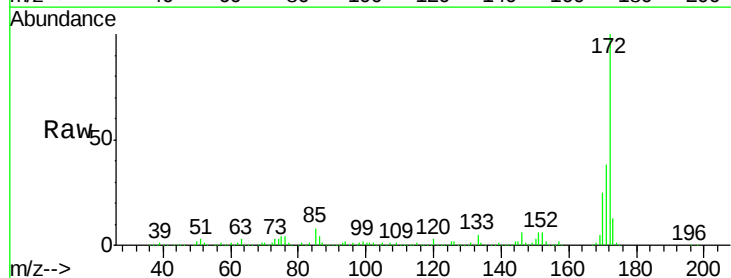
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.30 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.9	44.9
170	25.2	19.8	29.8

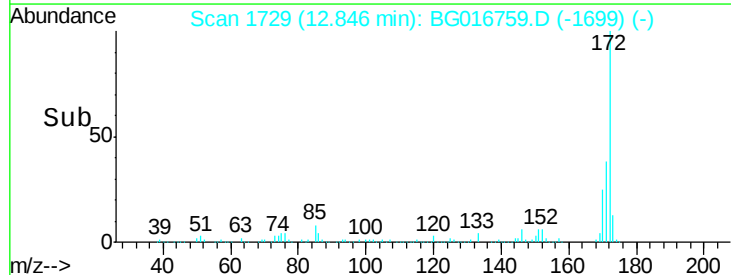
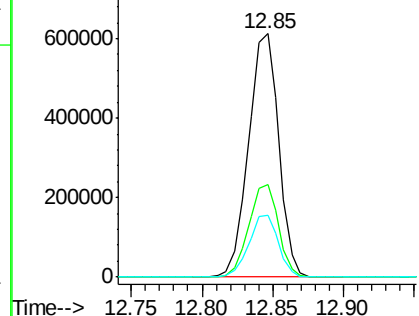


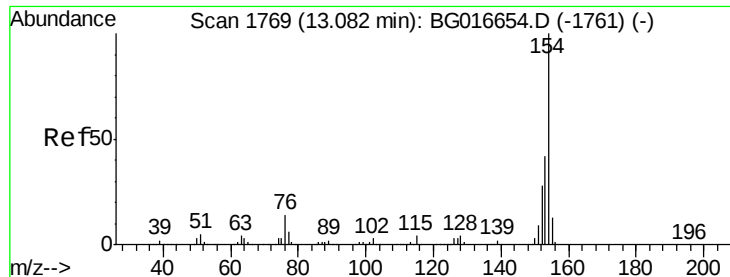
Abundance

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

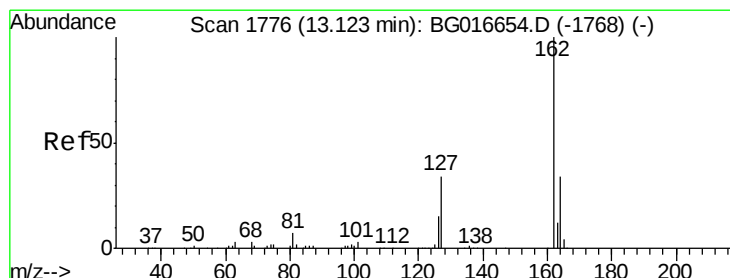
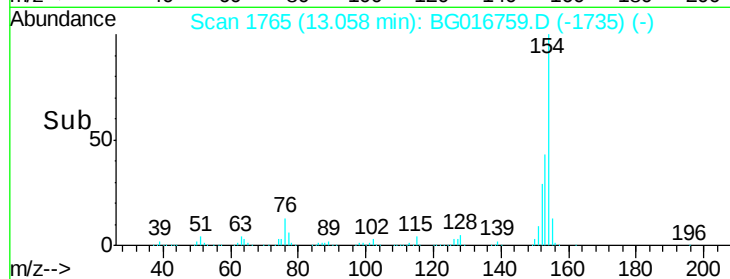
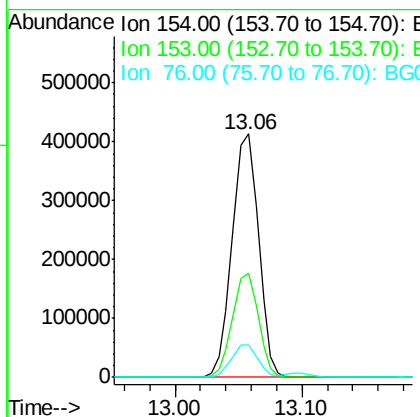
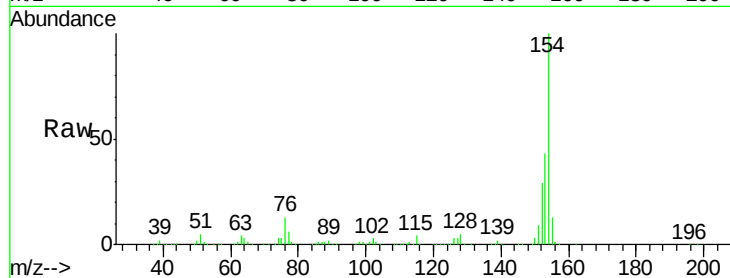




#45
 1,1'-Biphenyl
 Concen: 51.21 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

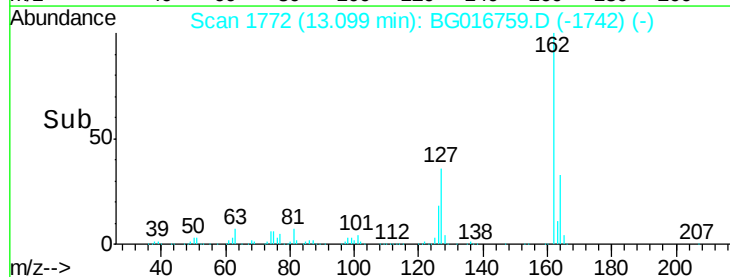
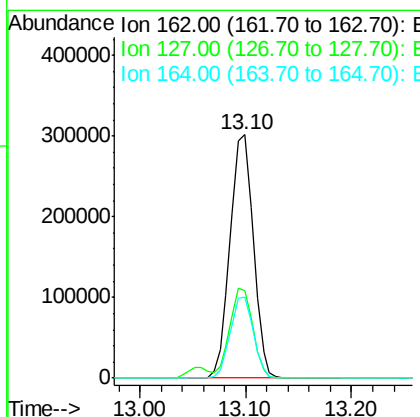
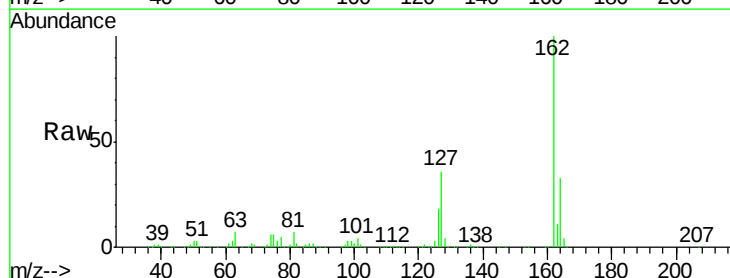
Instrument :
 BNA_G
 ClientSampled :
 SB-64DMSD

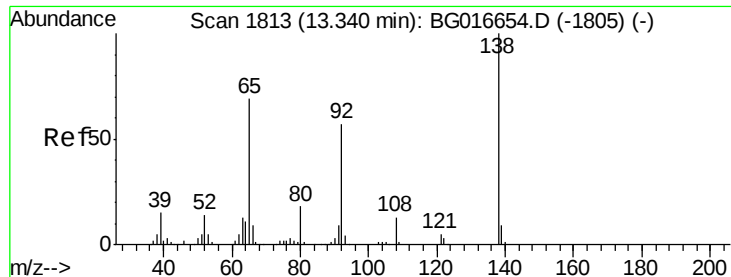
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.8	61.8
76	13.1	0.0	33.7



#46
 2-Chloronaphthalene
 Concen: 51.14 ng
 RT: 13.10 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.4	45.6
164	33.4	26.9	40.3

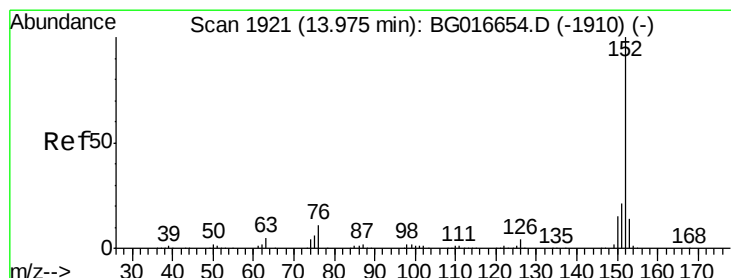
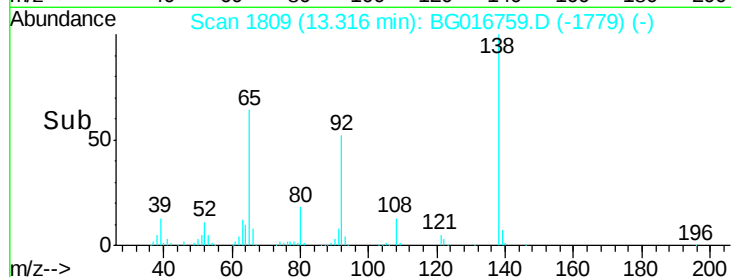
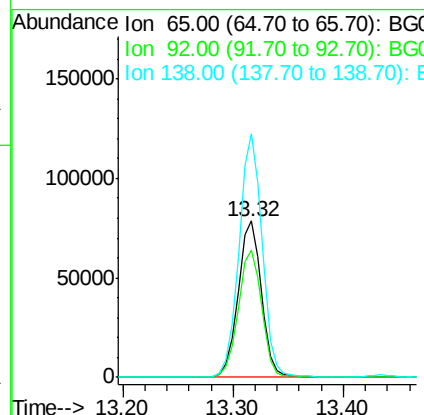
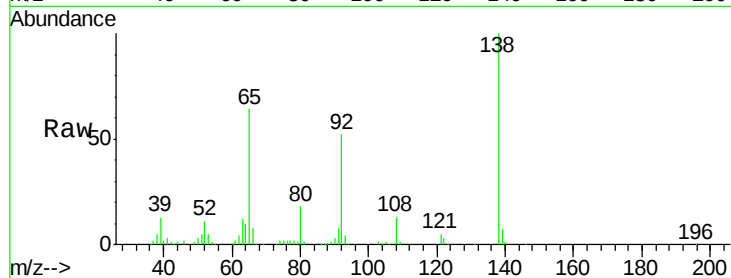




#47
2-Nitroaniline
Concen: 47.99 ng
RT: 13.32 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

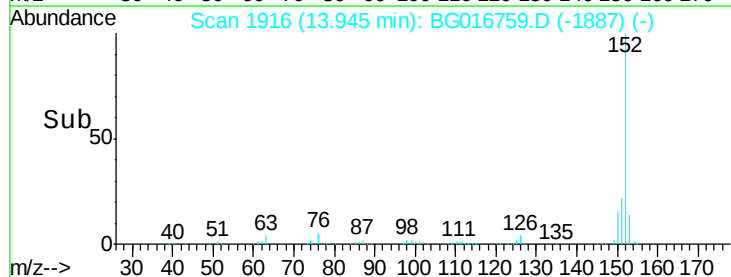
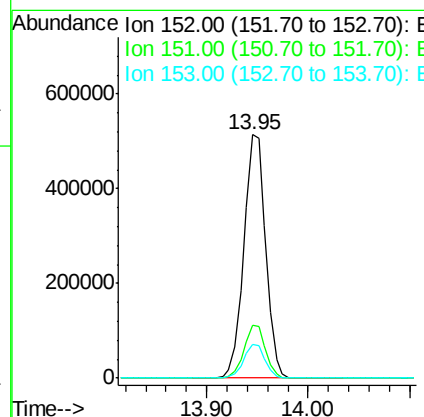
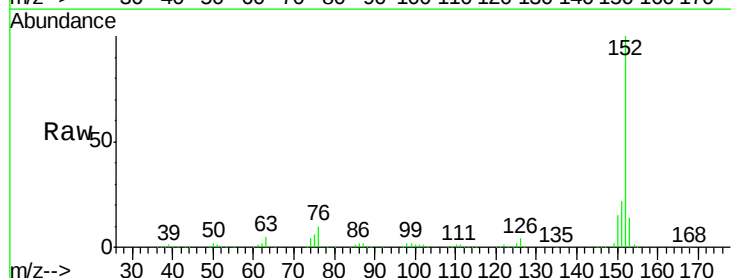
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

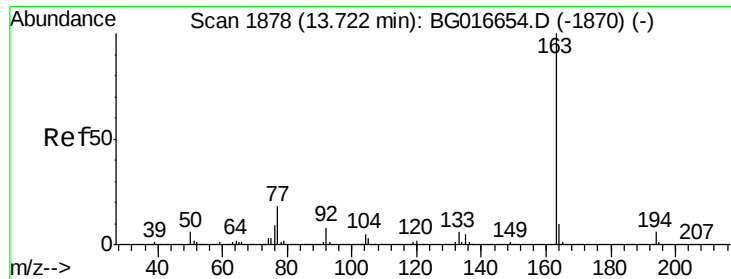
Tot Ion: 65 Resp: 117196
Ion Ratio Lower Upper
65 100
92 81.4 65.9 98.9
138 156.0 115.4 173.2



#48
Acenaphthylene
Concen: 48.74 ng
RT: 13.95 min Scan# 1916
Delta R.T. -0.03 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion: 152 Resp: 764171
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1
153 14.1 11.0 16.6

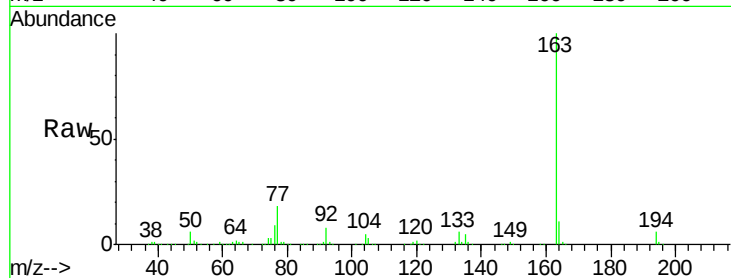




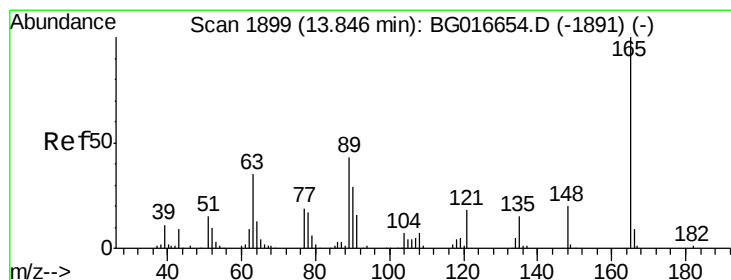
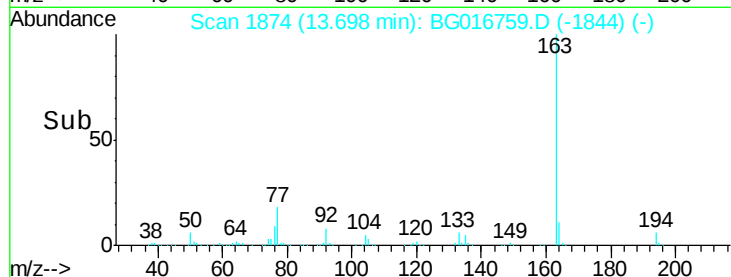
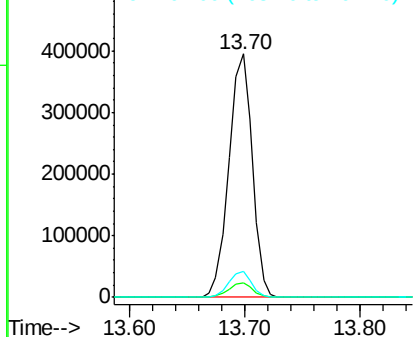
#49
Dimethylphthalate
Concen: 49.97 ng
RT: 13.70 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

Tot Ion:163 Resp: 554326
Ion Ratio Lower Upper
163 100
194 6.0 5.0 7.4
164 10.6 7.8 11.8

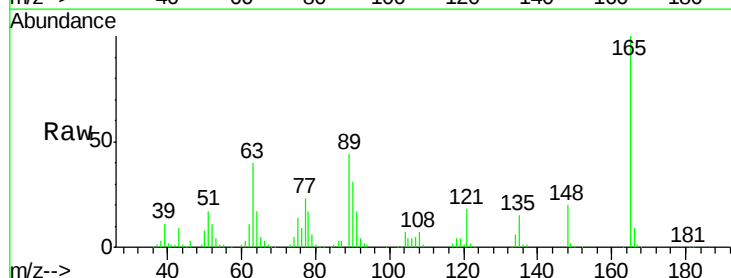


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

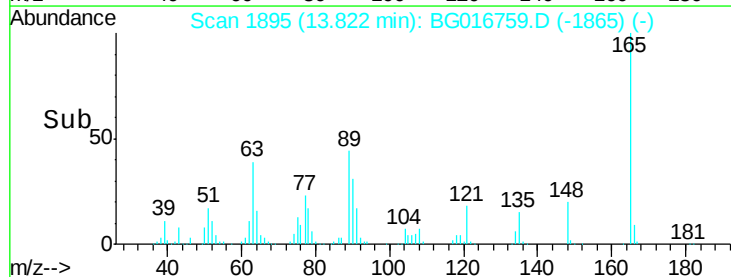
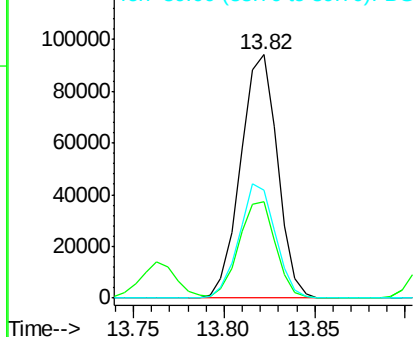


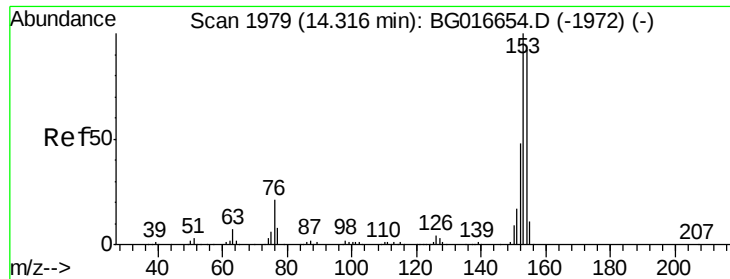
#50
2,6-Dinitrotoluene
Concen: 49.08 ng
RT: 13.82 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:165 Resp: 133610
Ion Ratio Lower Upper
165 100
63 39.7 31.5 47.3
89 44.4 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: 49.12 ng

RT: 14.29 min Scan# 1975

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

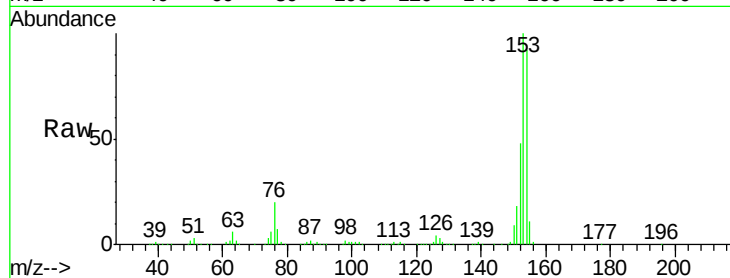
Tot Ion:154 Resp: 462215

Ion Ratio Lower Upper

154 100

153 109.0 87.0 130.6

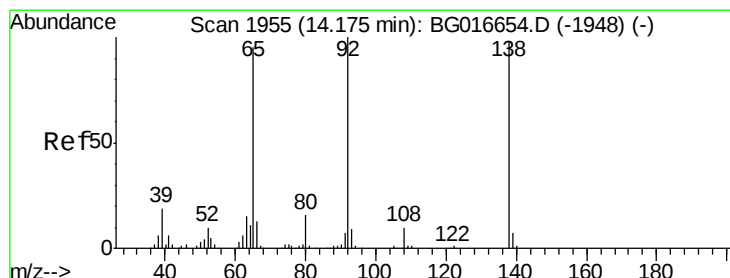
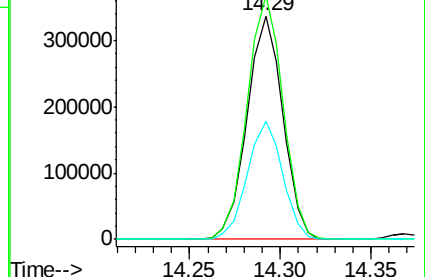
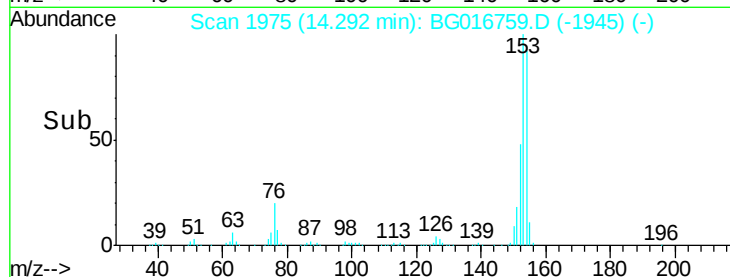
152 52.7 41.6 62.4



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: 33.64 ng

RT: 14.15 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

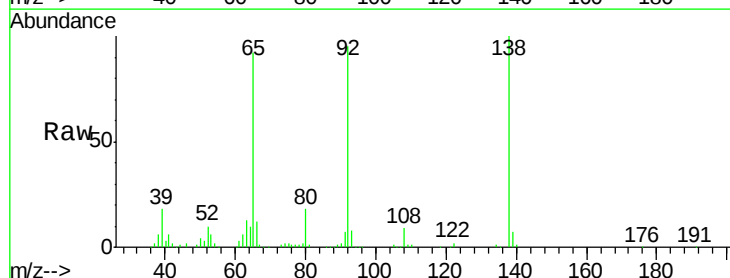
Tgt Ion:138 Resp: 110665

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

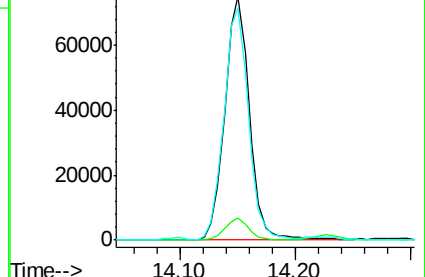
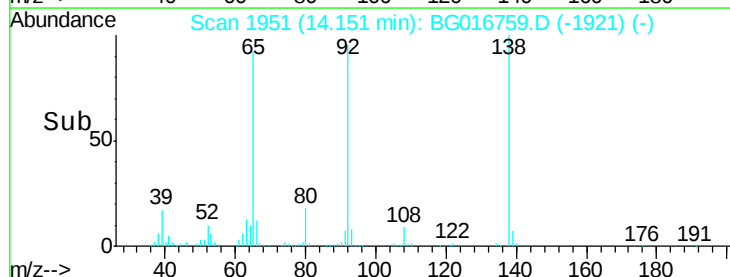
92 95.1 81.9 122.9

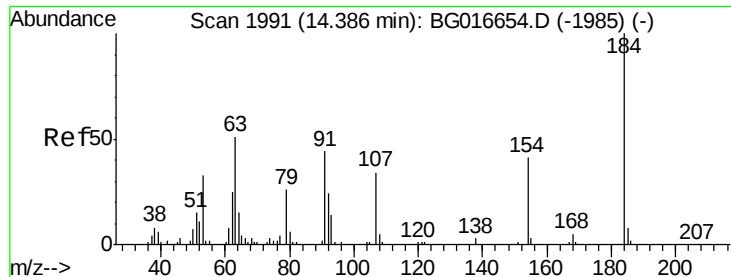


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

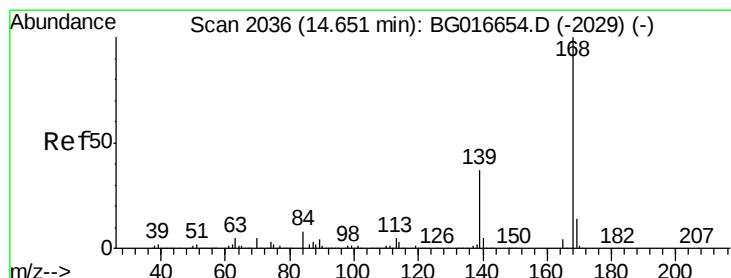
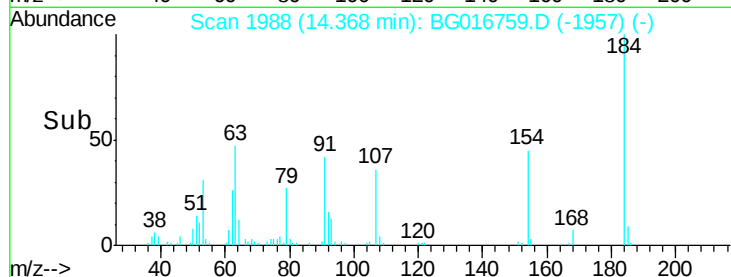
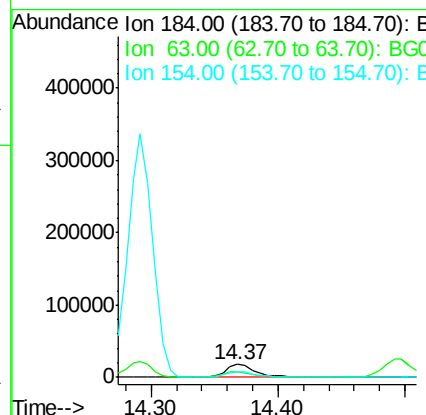
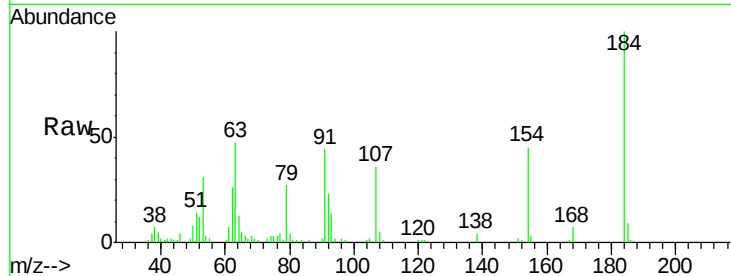




#53
 2,4-Dinitrophenol
 Concen: 26.50 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

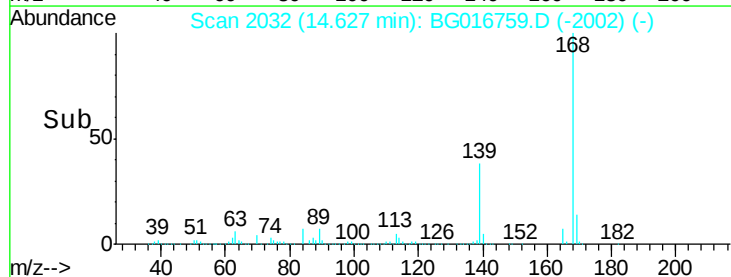
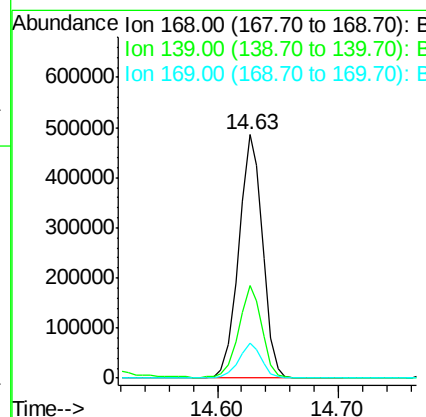
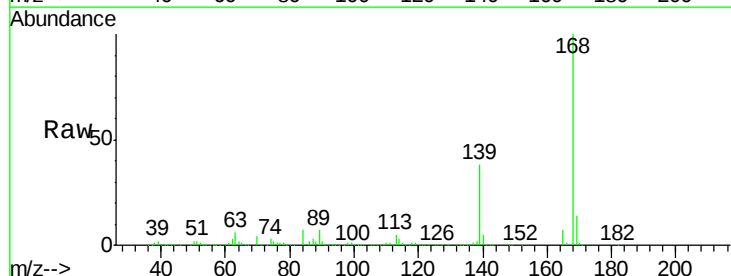
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion:184 Resp: 30901
 Ion Ratio Lower Upper
 184 100
 63 47.3 40.7 61.1
 154 45.2 34.1 51.1



#54
 Dibenzofuran
 Concen: 50.02 ng
 RT: 14.63 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:168 Resp: 663926
 Ion Ratio Lower Upper
 168 100
 139 38.2 29.8 44.8
 169 14.2 11.0 16.4

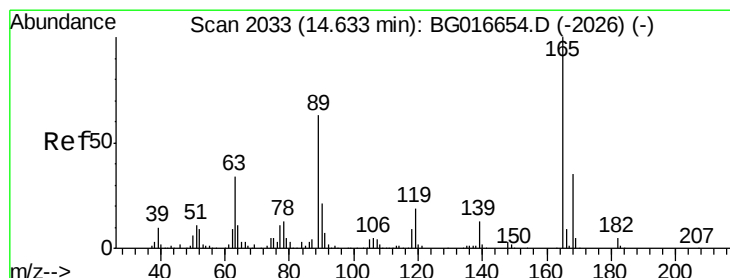
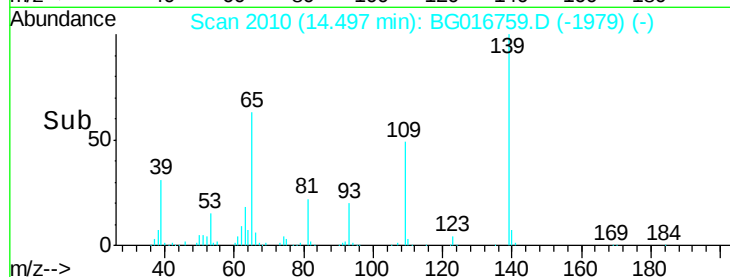
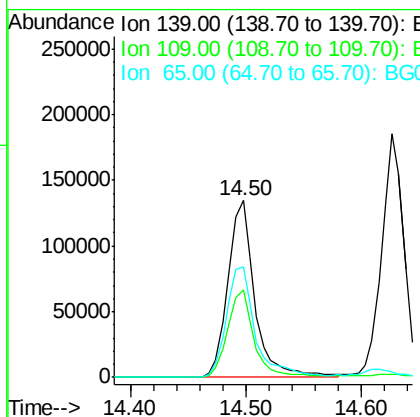
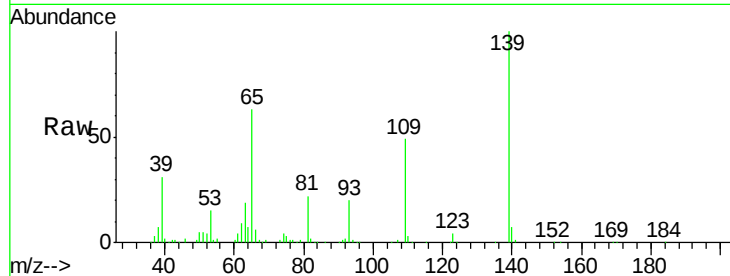




#55
4-Nitrophenol
Concen: 88.18 ng
RT: 14.50 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

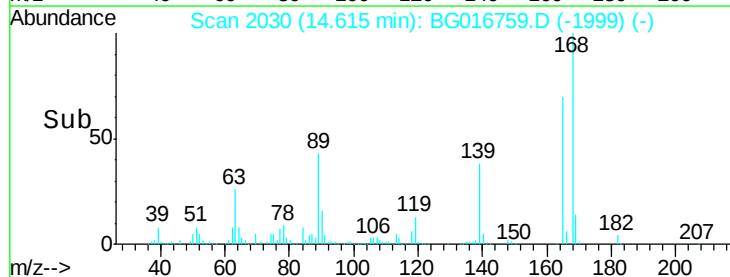
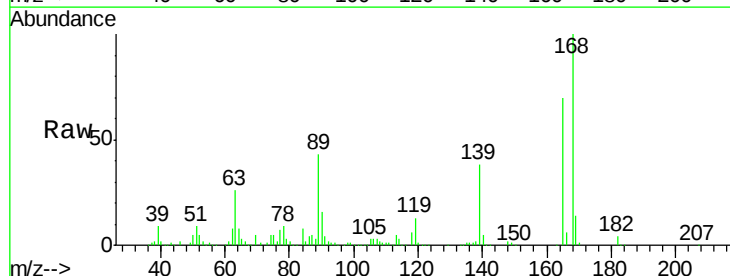
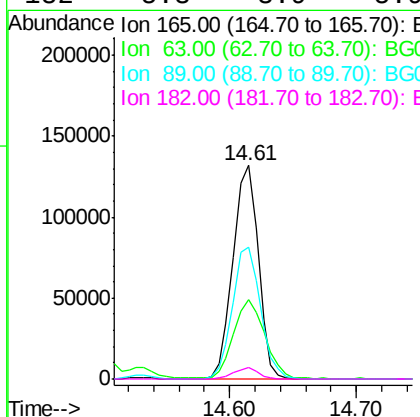
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

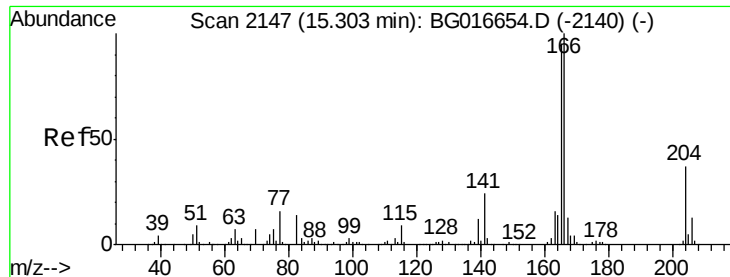
Tot Ion	Ratio	Lower	Upper
139	100		
109	49.2	27.8	67.8
65	62.9	46.3	86.3



#56
2,4-Dinitrotoluene
Concen: 48.79 ng
RT: 14.61 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.9	27.4	41.0
89	61.8	50.6	75.8
182	5.3	3.9	5.9

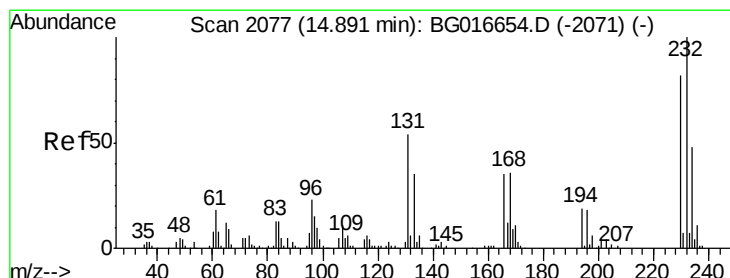
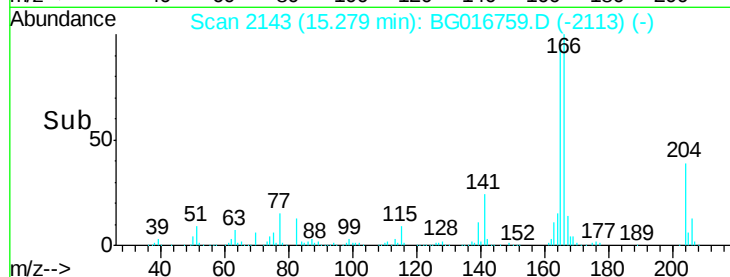
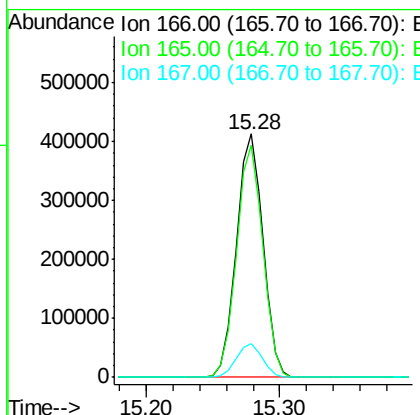
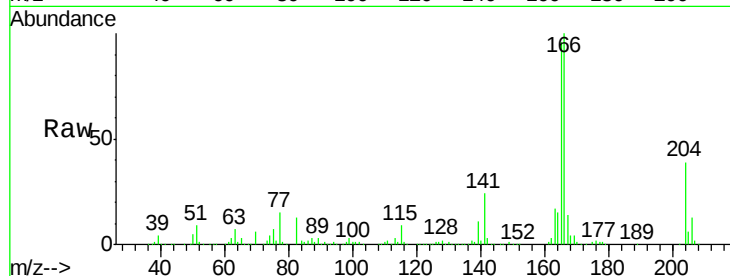




#57
 Fluorene
 Concen: 48.89 ng
 RT: 15.28 min Scan# 2143
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

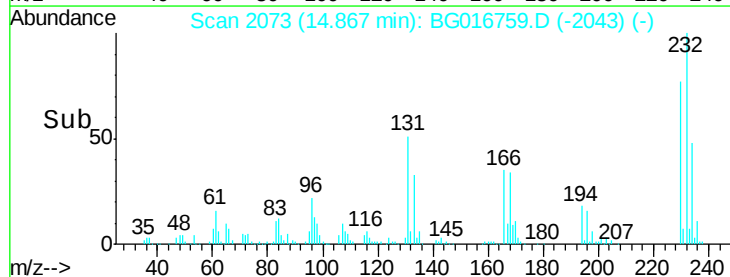
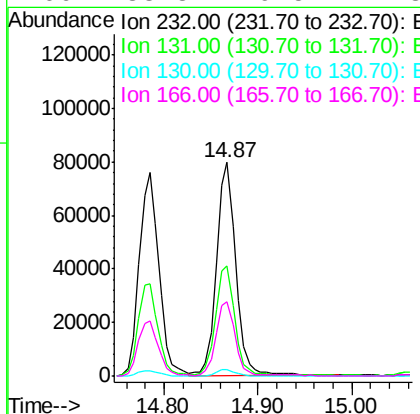
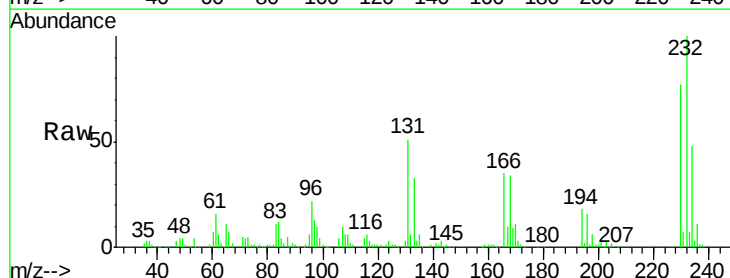
Instrument :
 BNA_G
 ClientSampled :
 SB-64DMSD

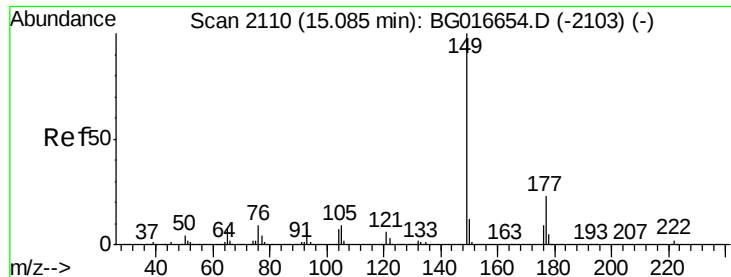
Tot Ion:166 Resp: 567299
 Ion Ratio Lower Upper
 166 100
 165 95.6 75.6 113.4
 167 14.1 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.53 ng
 RT: 14.87 min Scan# 2073
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:232 Resp: 114770
 Ion Ratio Lower Upper
 232 100
 131 50.1 43.9 65.9
 130 3.0 2.4 3.6
 166 33.8 29.5 44.3

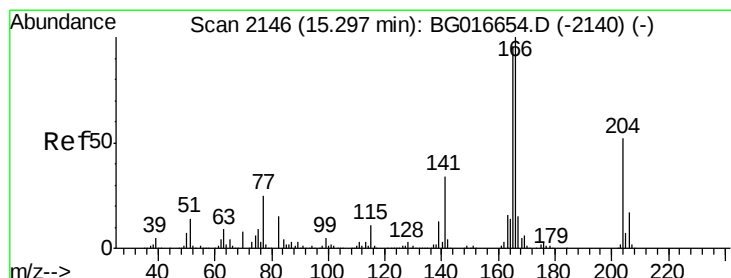
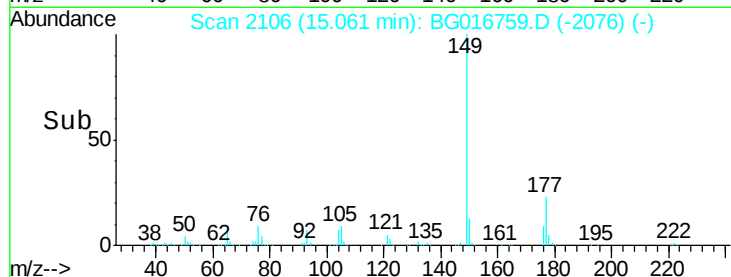
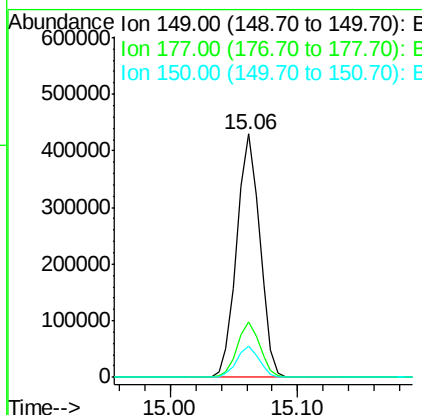
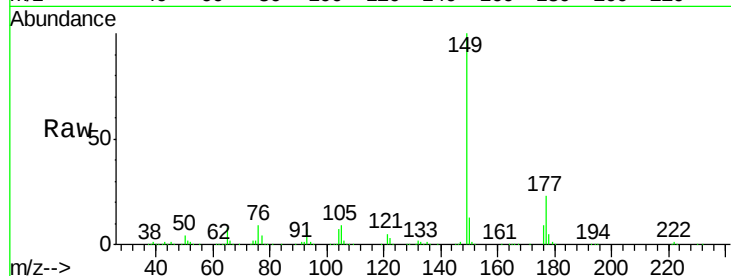




#59
Diethylphthalate
Concen: 46.70 ng
RT: 15.06 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

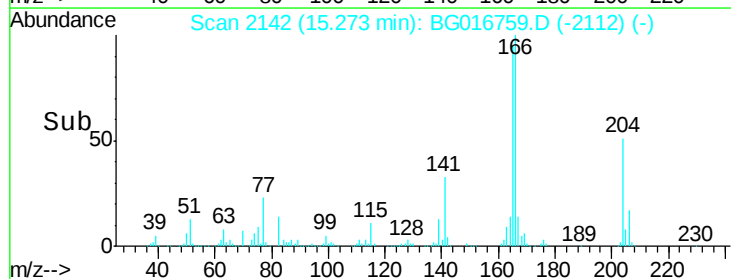
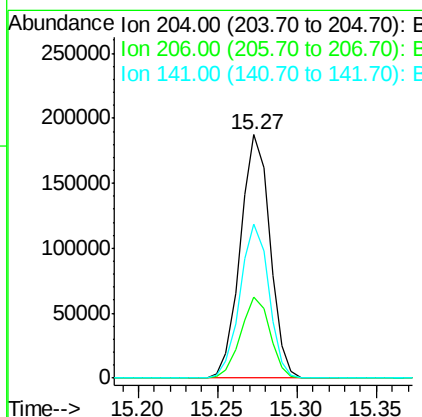
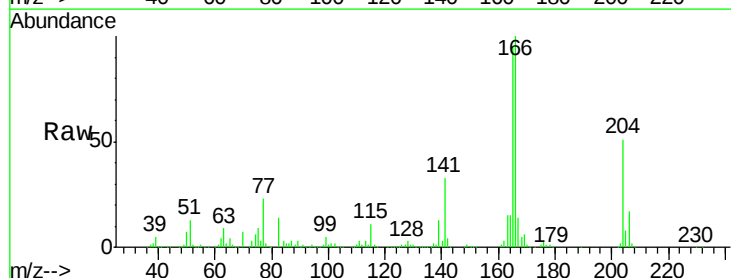
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

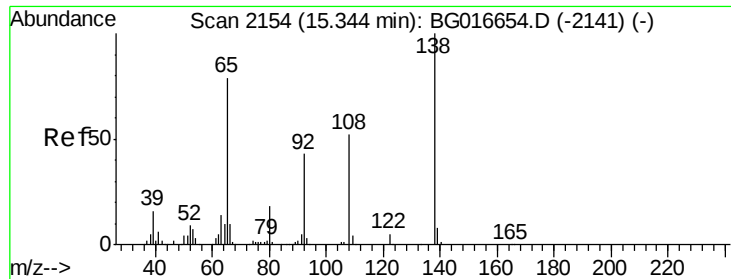
Tot Ion:149 Resp: 539852
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 50.12 ng
RT: 15.27 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:204 Resp: 242882
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 63.5 52.3 78.5

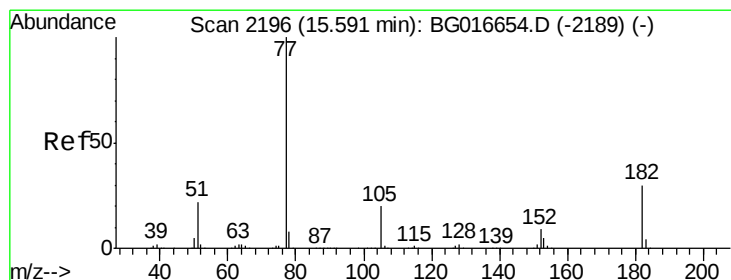
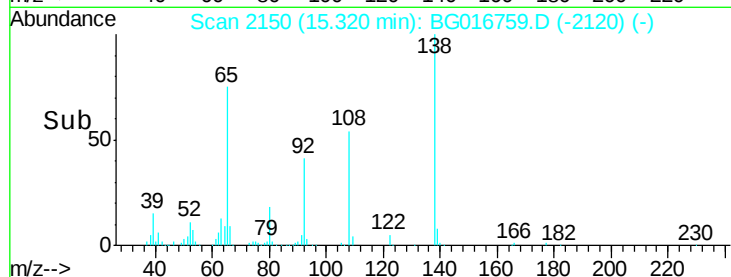
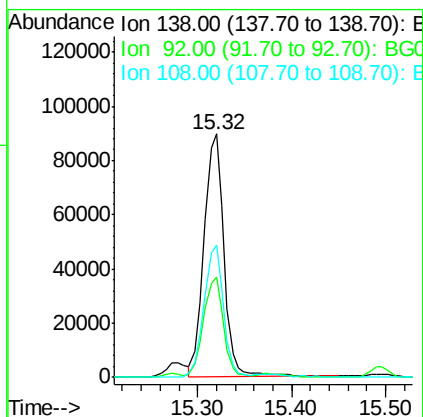
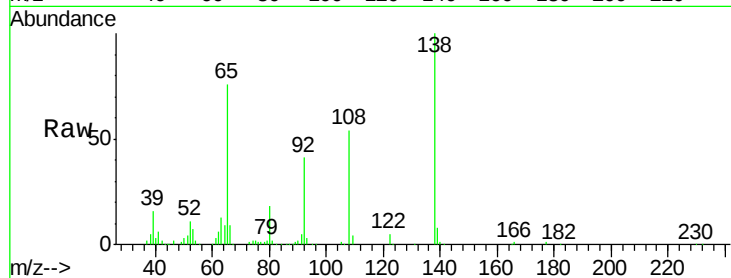




#61
4-Nitroaniline
Concen: 36.89 ng
RT: 15.32 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

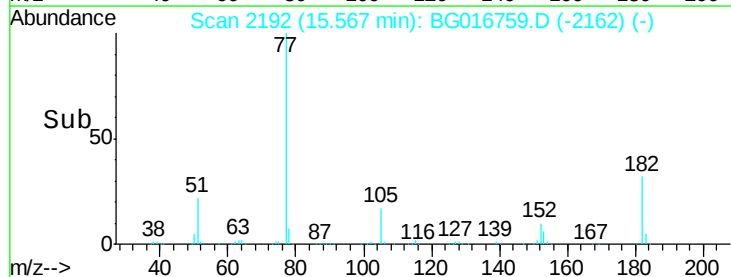
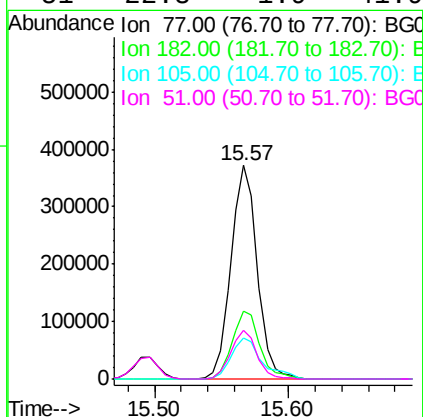
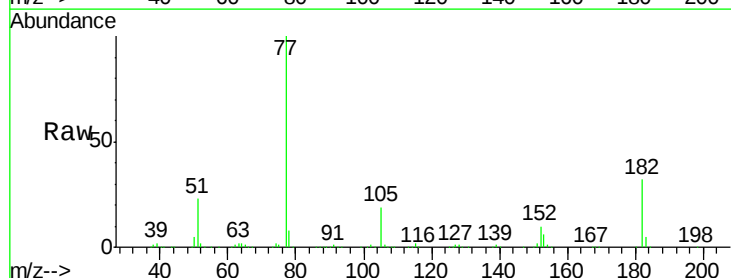
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

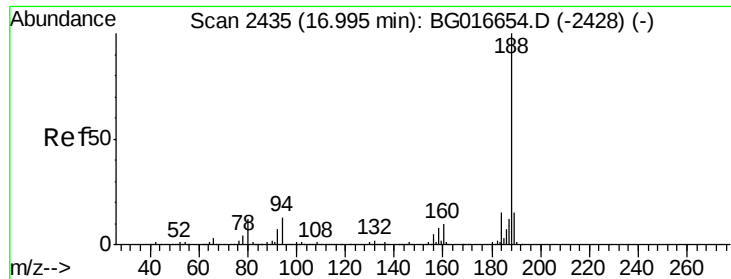
Tot Ion:138 Resp: 134239
Ion Ratio Lower Upper
138 100
92 41.3 23.1 63.1
108 54.1 31.7 71.7



#62
Azobenzene
Concen: 48.23 ng
RT: 15.57 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion: 77 Resp: 509243
Ion Ratio Lower Upper
77 100
182 31.6 9.8 49.8
105 19.0 0.0 39.5
51 22.8 1.9 41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

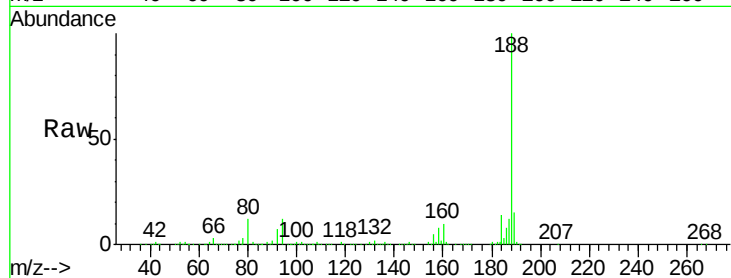
Tot Ion:188 Resp: 282215

Ion Ratio Lower Upper

188 100

94 12.1 10.7 16.1

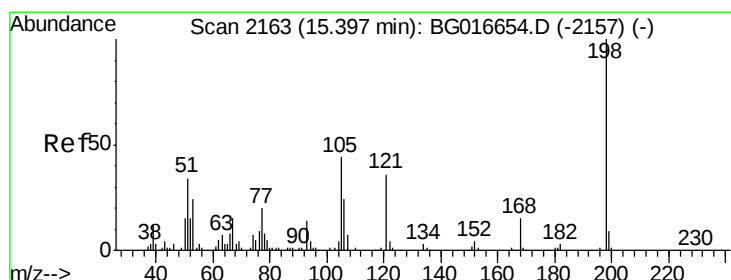
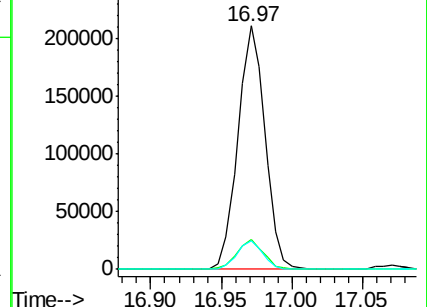
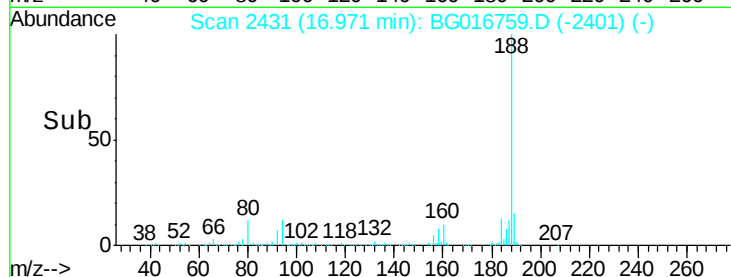
80 11.7 9.9 14.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.32 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

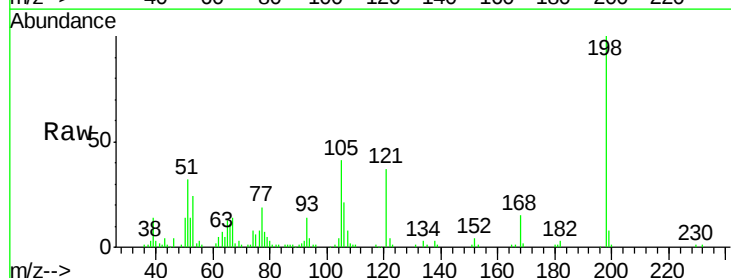
Tgt Ion:198 Resp: 50265

Ion Ratio Lower Upper

198 100

51 32.1 14.9 54.9

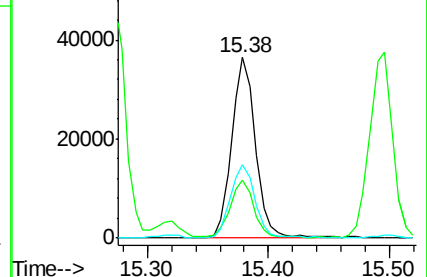
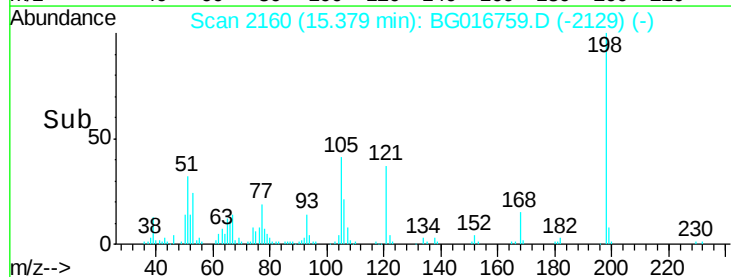
105 40.9 24.6 64.6

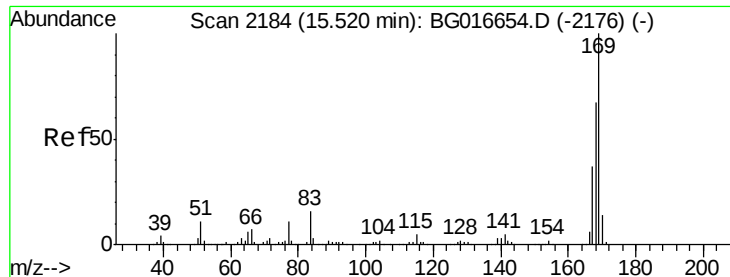


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.96 ng

RT: 15.50 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

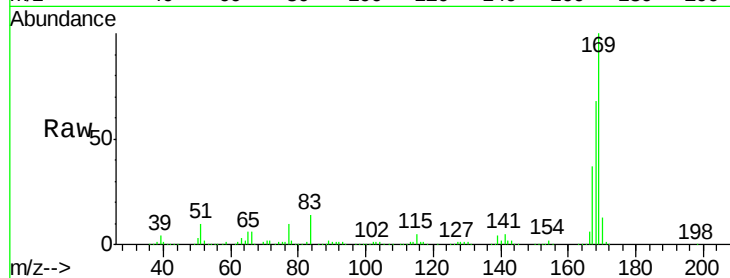
Tot Ion:169 Resp: 493027

Ion Ratio Lower Upper

169 100

168 67.7 53.6 80.4

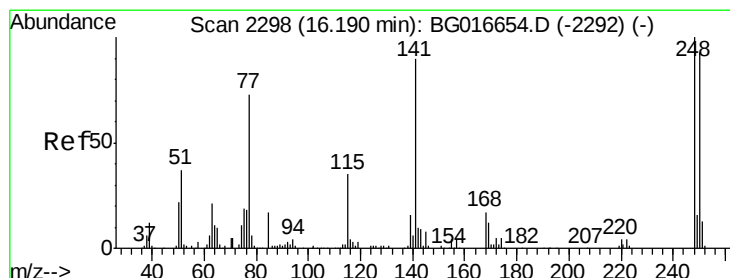
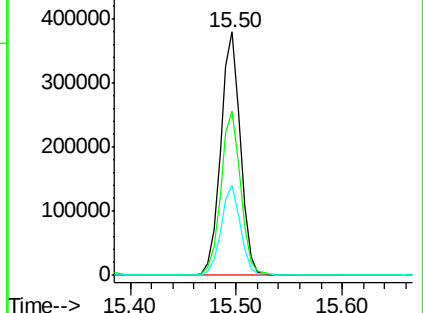
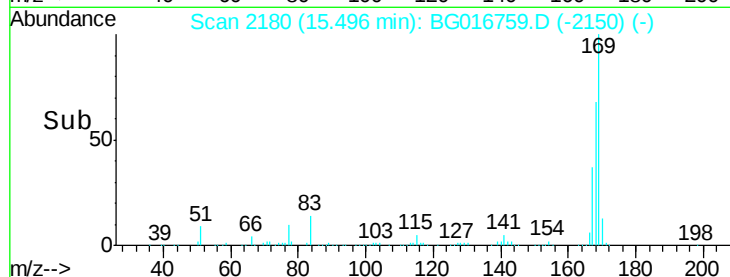
167 36.9 29.4 44.0



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: 54.93 ng

RT: 16.17 min Scan# 2294

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

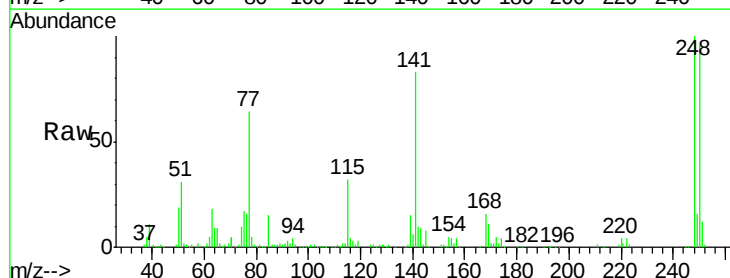
Tgt Ion:248 Resp: 129529

Ion Ratio Lower Upper

248 100

250 95.9 74.8 112.2

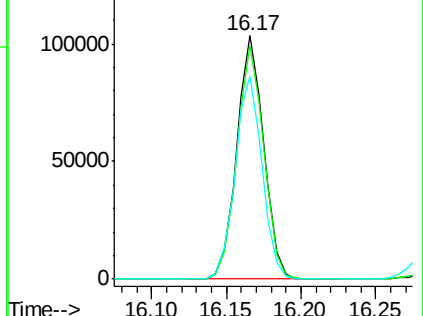
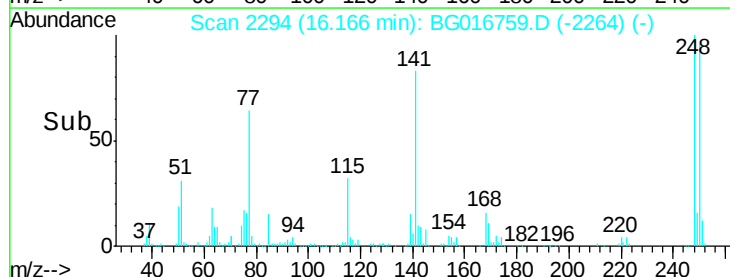
141 83.2 72.0 108.0

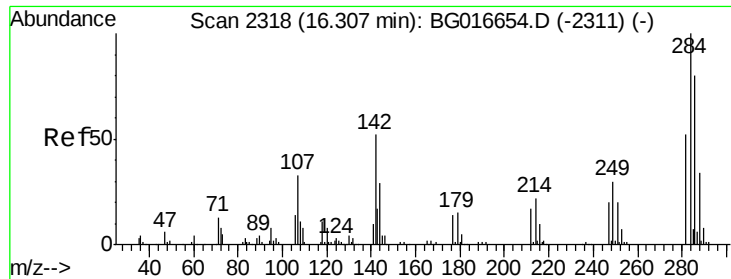


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

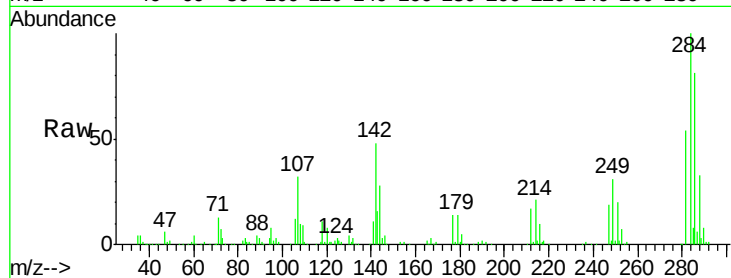




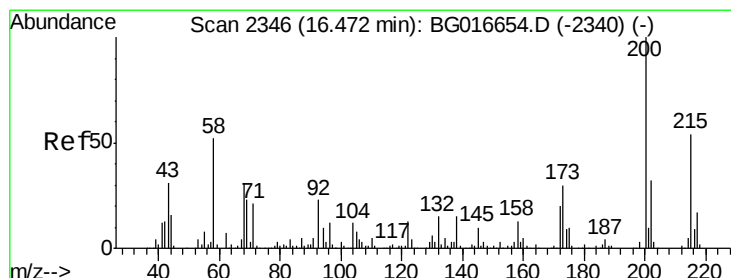
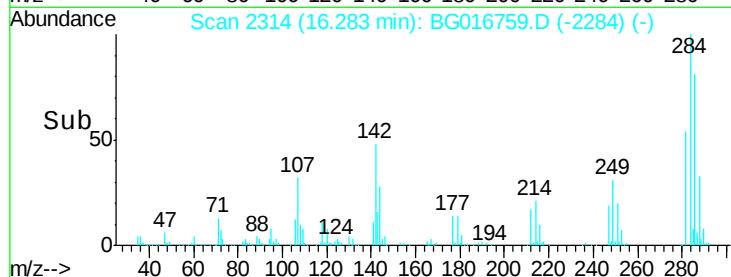
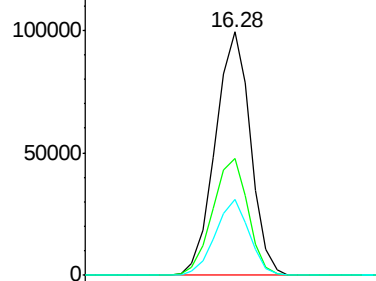
#67
Hexachlorobenzene
Concen: 55.23 ng
RT: 16.28 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	47.8	41.5	62.3
249	31.4	24.2	36.4

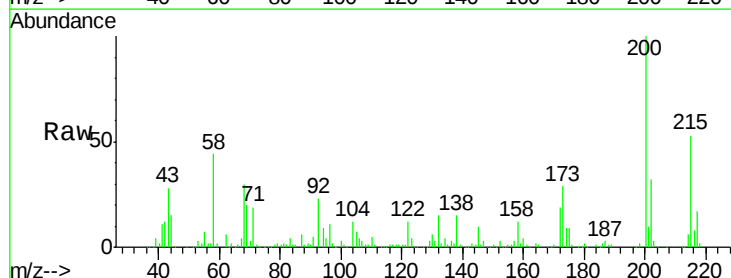


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

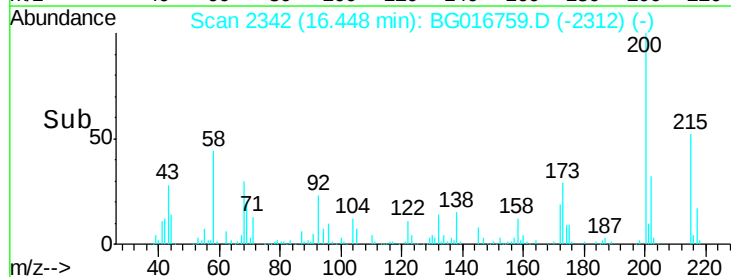
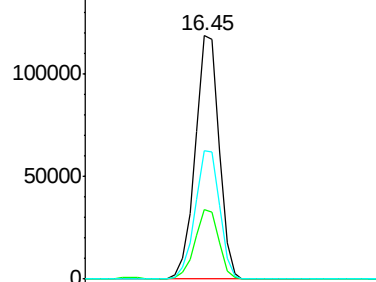


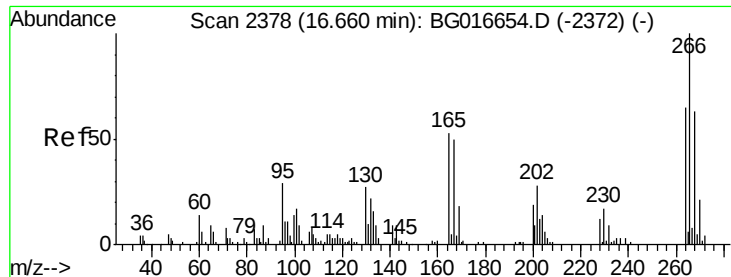
#68
Atrazine
Concen: 59.24 ng
RT: 16.45 min Scan# 2342
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.8	49.8
215	52.9	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: 112.70 ng

RT: 16.64 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

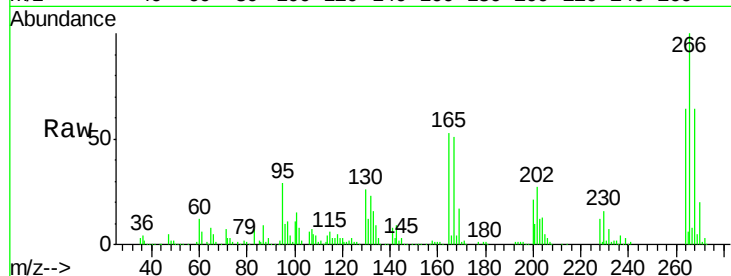
Tot Ion:266 Resp: 132724

Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

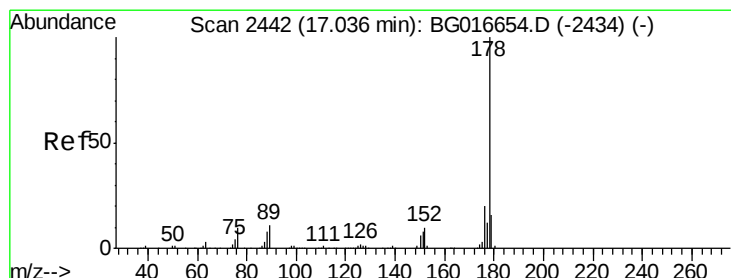
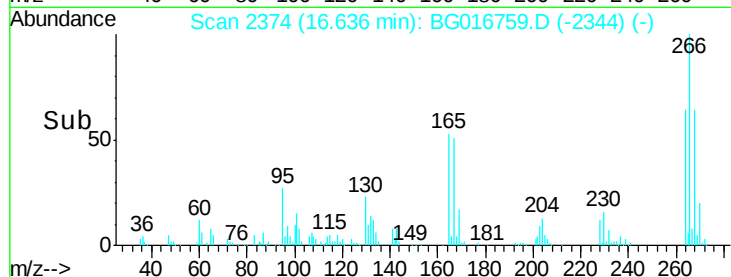
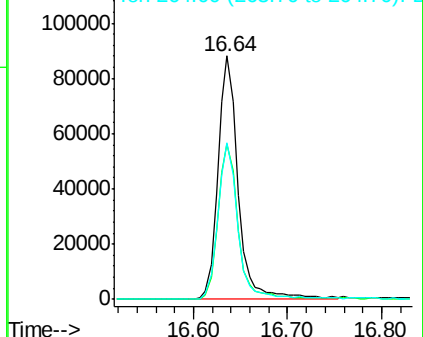
264 64.4 51.8 77.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.26 ng

RT: 17.01 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

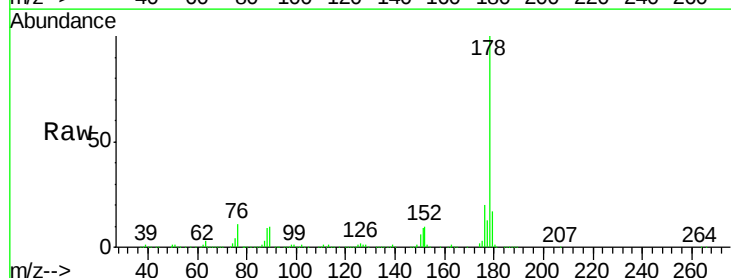
Tgt Ion:178 Resp: 814817

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

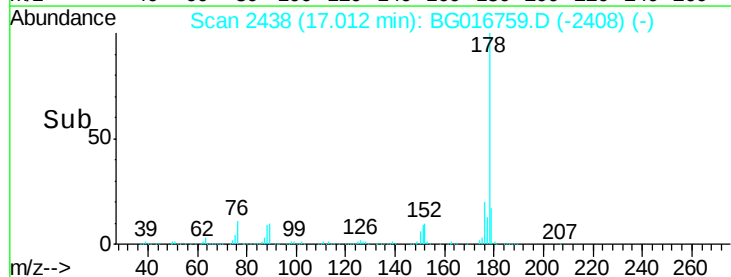
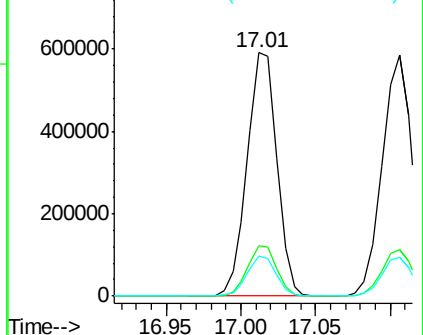
179 16.6 12.8 19.2

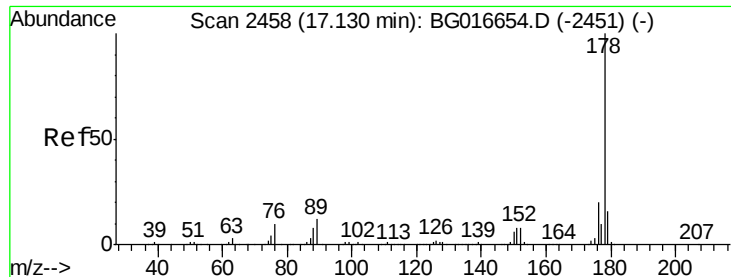


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

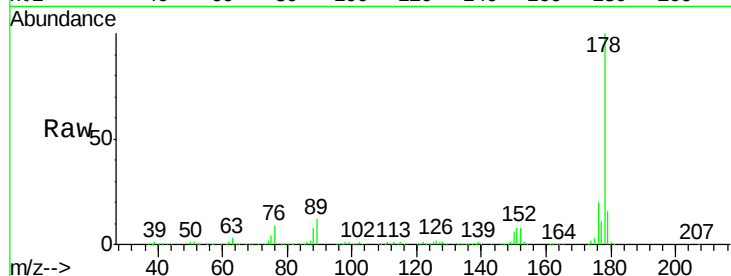




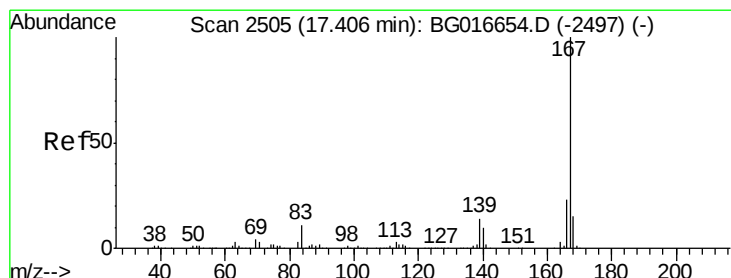
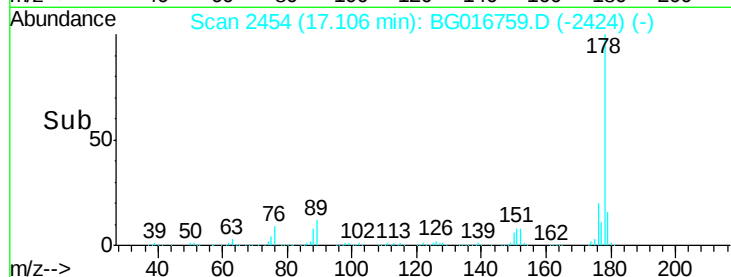
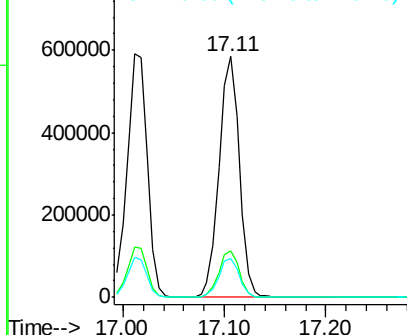
#71
 Anthracene
 Concen: 50.38 ng
 RT: 17.11 min Scan# 2454
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion:178 Resp: 812462
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 16.0 12.9 19.3

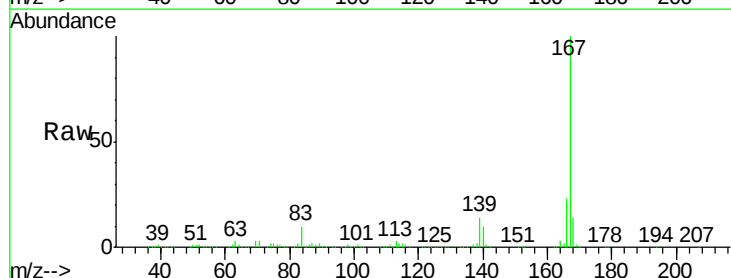


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

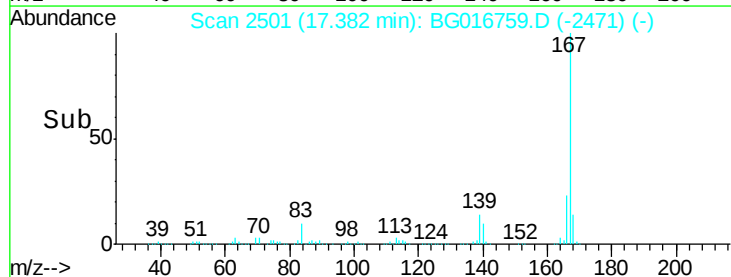
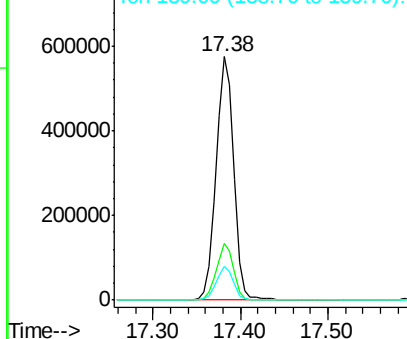


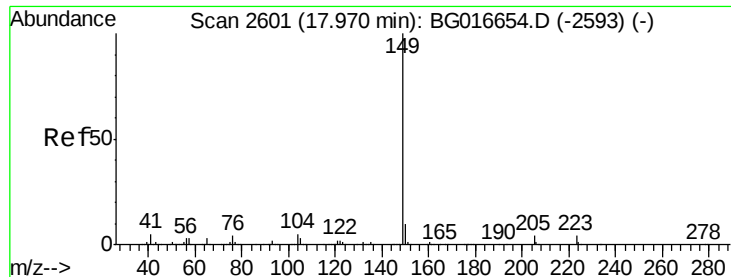
#72
 Carbazole
 Concen: 50.13 ng
 RT: 17.38 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:167 Resp: 809833
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 13.6 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

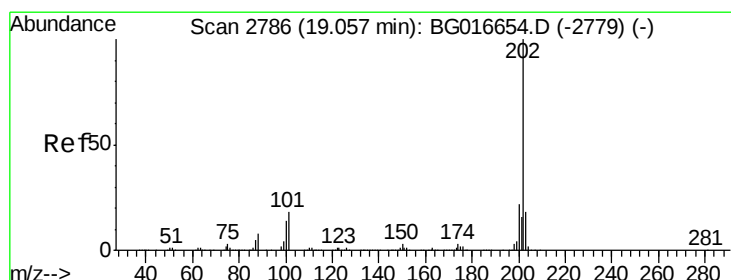
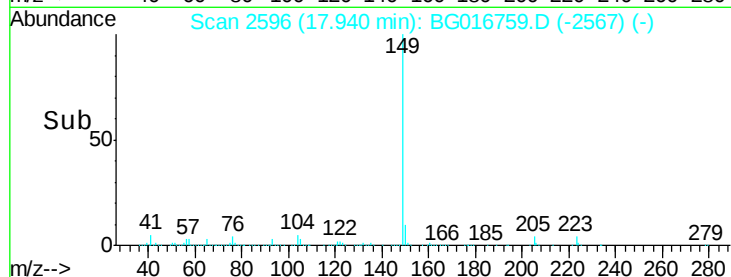
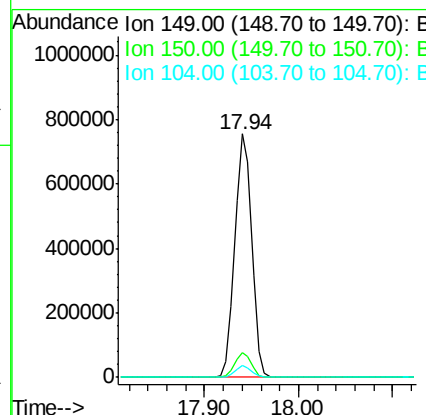
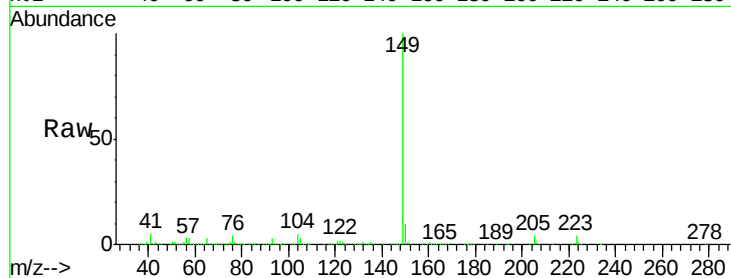




#73
Di-n-butylphthalate
Concen: 48.87 ng
RT: 17.94 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

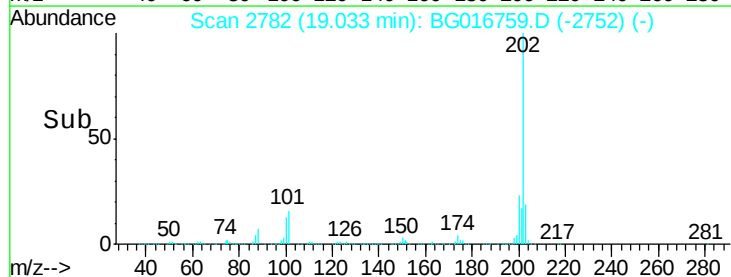
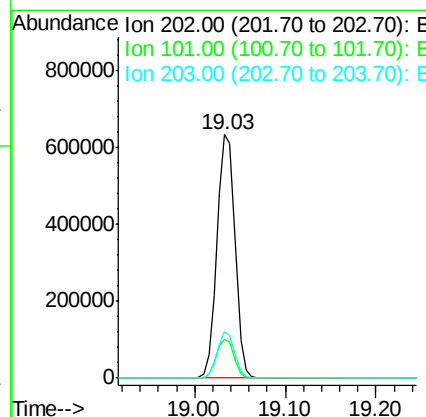
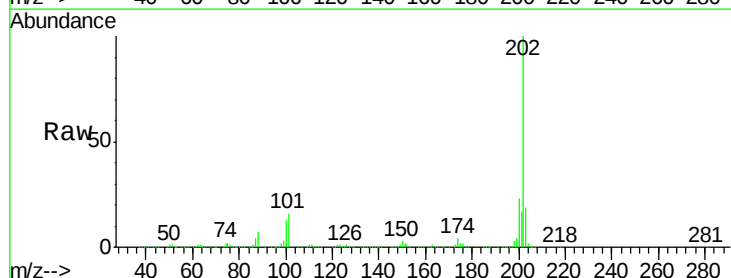
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

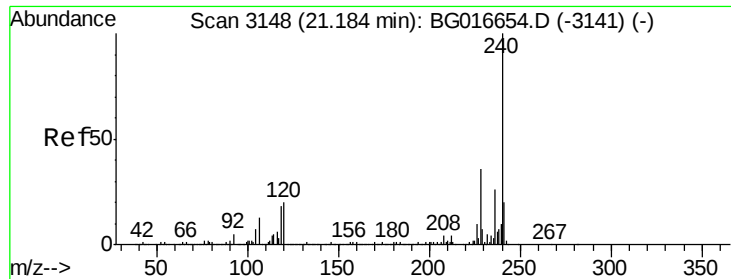
Tot Ion:149 Resp: 941157
Ion Ratio Lower Upper
149 100
150 10.2 7.8 11.6
104 5.0 3.6 5.4



#74
Fluoranthene
Concen: 50.52 ng
RT: 19.03 min Scan# 2782
Delta R.T. -0.02 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion:202 Resp: 867819
Ion Ratio Lower Upper
202 100
101 16.2 0.0 38.1
203 18.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampled :

SB-64DMSD

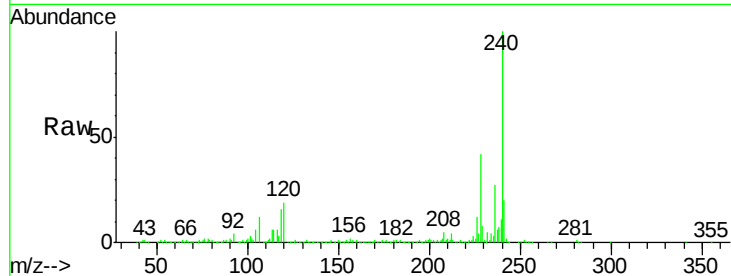
Tot Ion:240 Resp: 250728

Ion Ratio Lower Upper

240 100

120 18.7 16.3 24.5

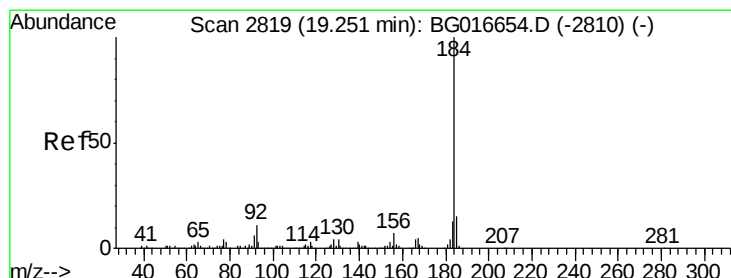
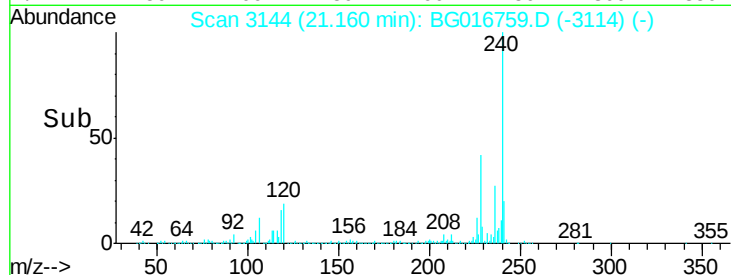
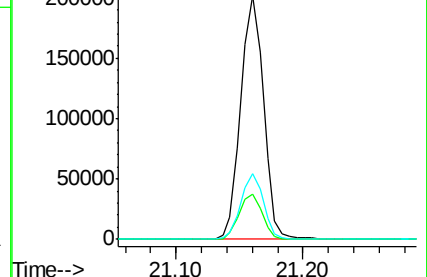
236 26.8 21.1 31.7



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: 50.66 ng

RT: 19.23 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

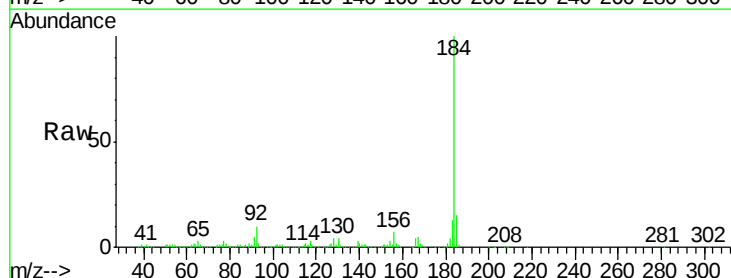
Tgt Ion:184 Resp: 432653

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

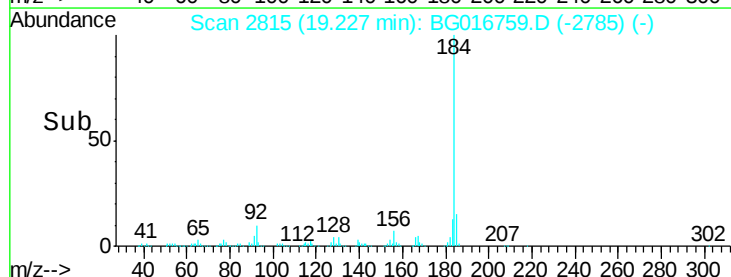
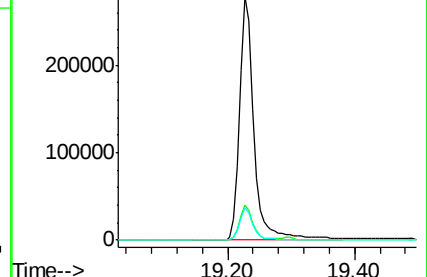
183 13.3 10.1 15.1



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: 50.86 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

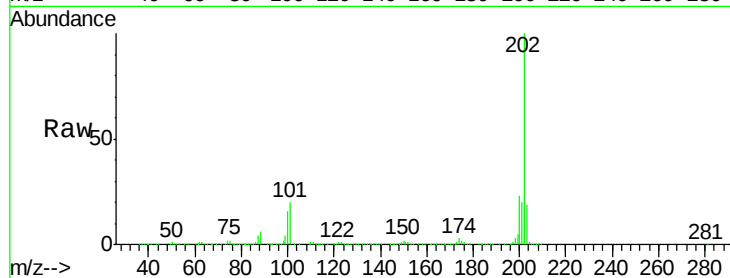
Tot Ion:202 Resp: 895844

Ion Ratio Lower Upper

202 100

200 22.7 18.0 27.0

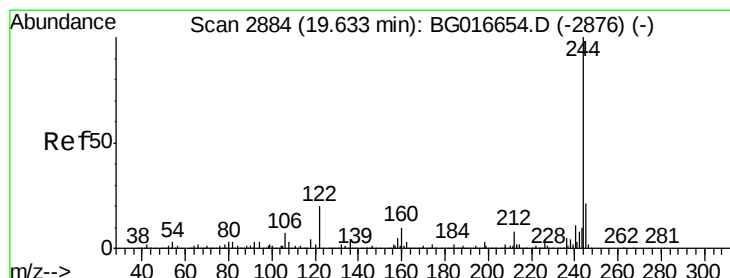
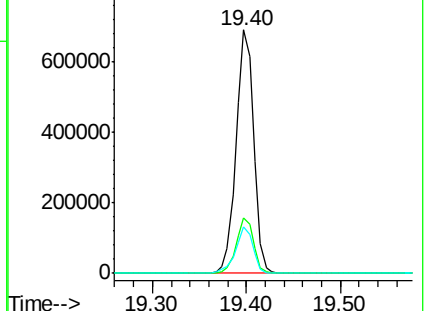
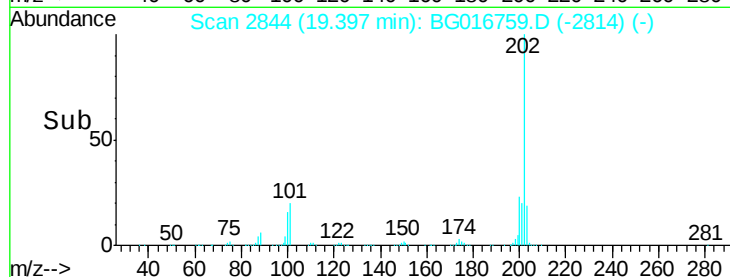
203 19.1 14.9 22.3



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: 87.84 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

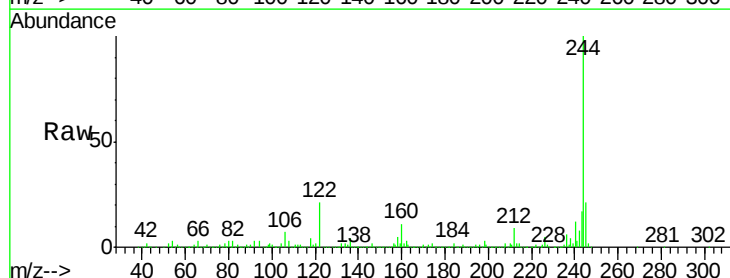
Tgt Ion:244 Resp: 956059

Ion Ratio Lower Upper

244 100

212 8.8 6.4 9.6

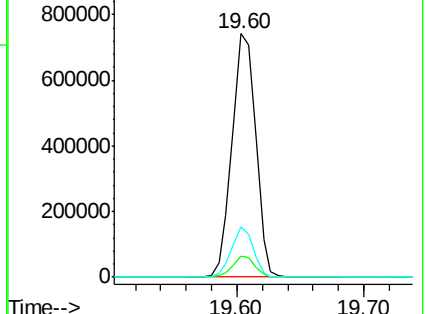
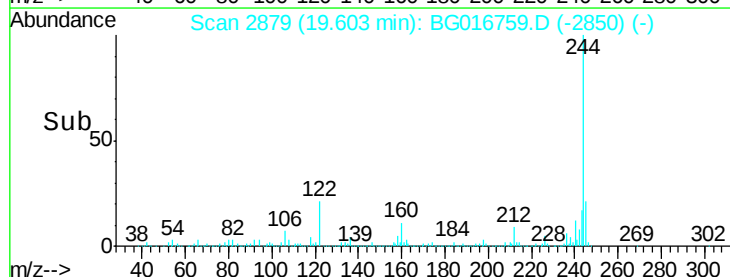
122 20.8 15.9 23.9

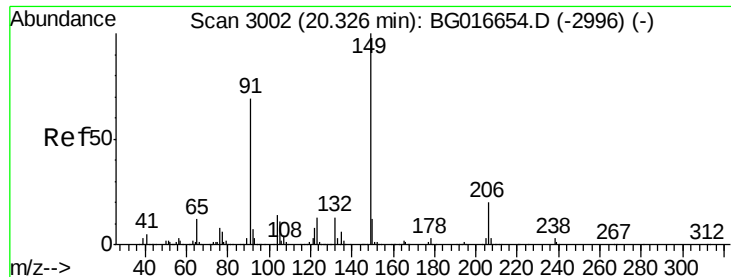


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.75 ng

RT: 20.30 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

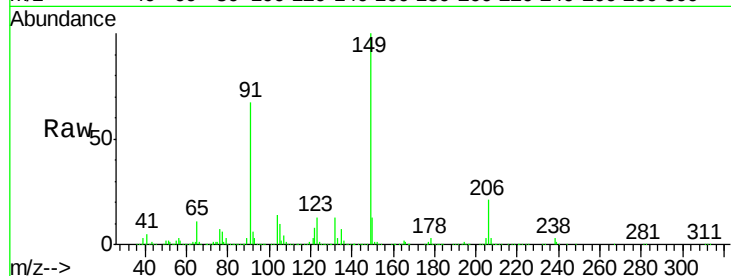
Tot Ion:149 Resp: 448429

Ion Ratio Lower Upper

149 100

91 67.3 55.4 83.0

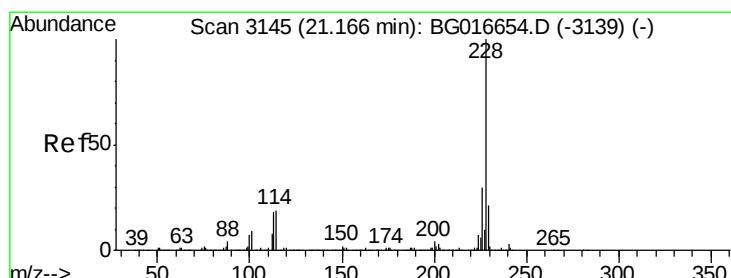
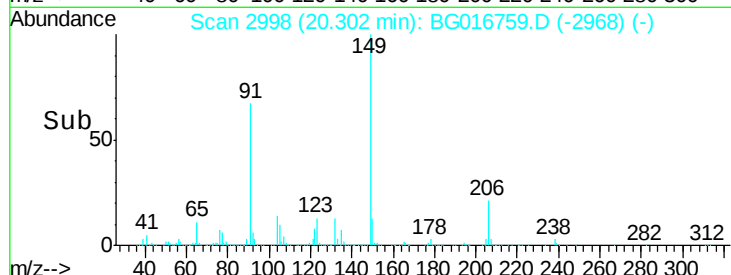
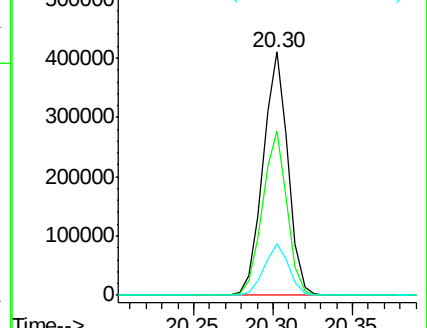
206 21.3 16.4 24.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.52 ng

RT: 21.14 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

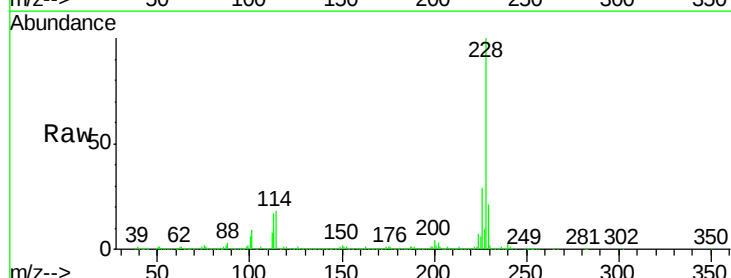
Tgt Ion:228 Resp: 768000

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

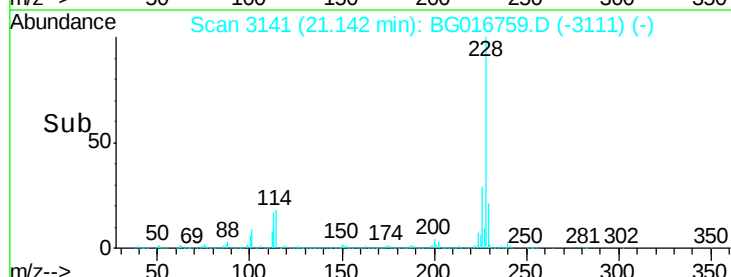
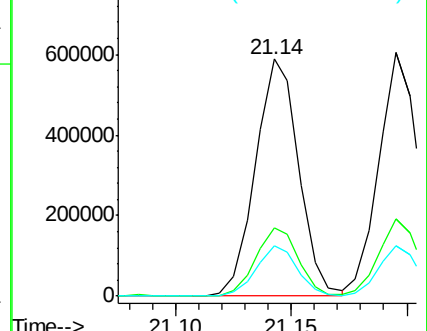
229 21.0 17.0 25.4

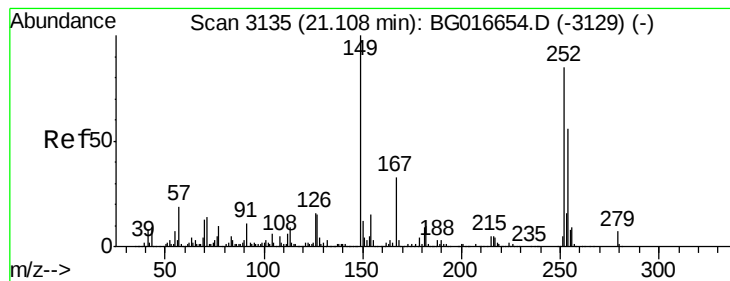


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

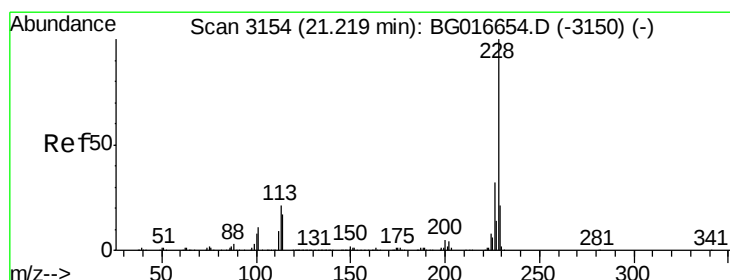
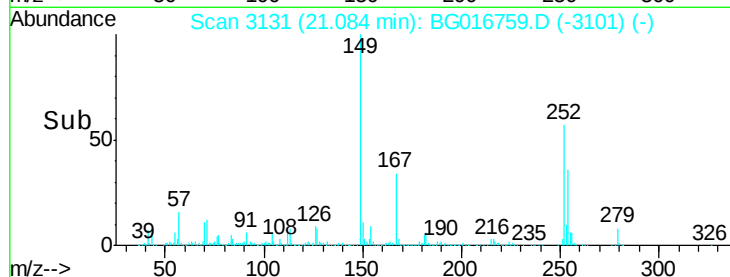
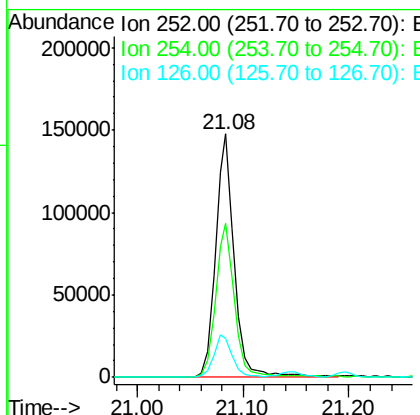
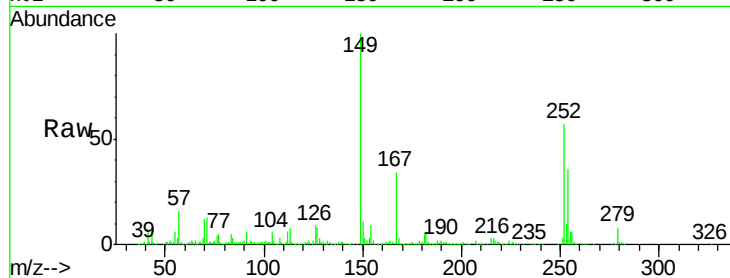




#81
 3,3'-Dichlorobenzidine
 Concen: 37.16 ng
 RT: 21.08 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

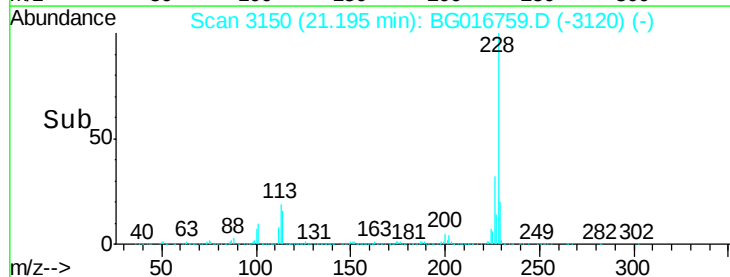
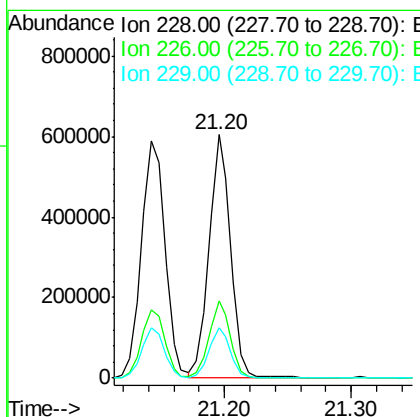
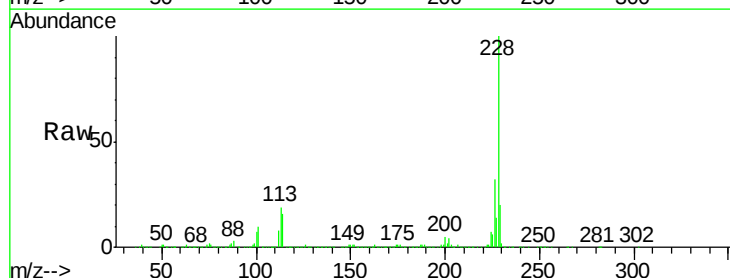
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

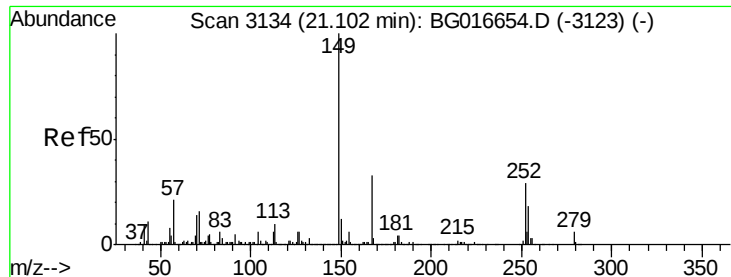
Tot Ion:252 Resp: 184103
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.7 79.1
 126 15.9 15.3 22.9



#82
 Chrysene
 Concen: 49.28 ng
 RT: 21.20 min Scan# 3150
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:228 Resp: 718273
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.0
 229 20.5 16.5 24.7

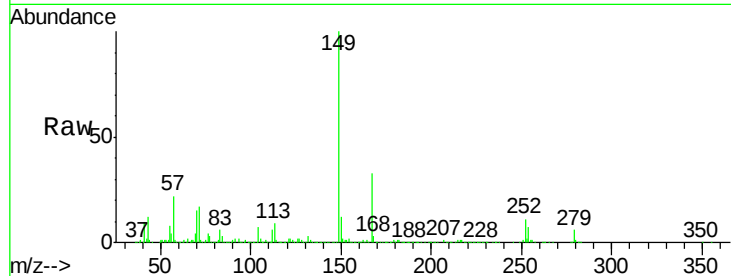




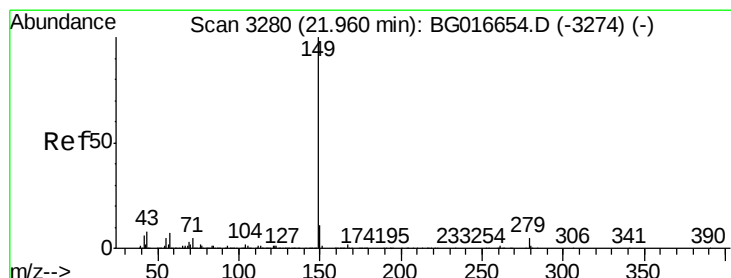
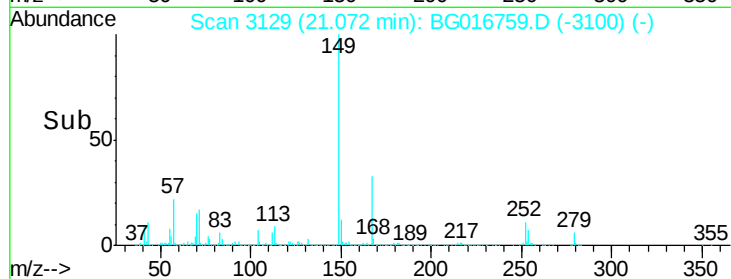
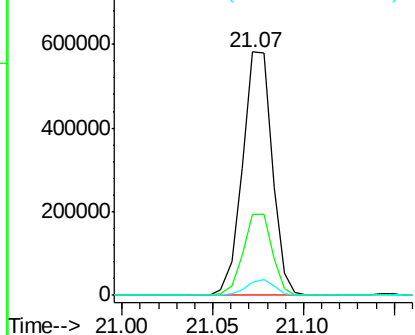
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.27 ng
 RT: 21.07 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion:149 Resp: 663275
 Ion Ratio Lower Upper
 149 100
 167 33.3 26.6 39.8
 279 5.6 5.1 7.7

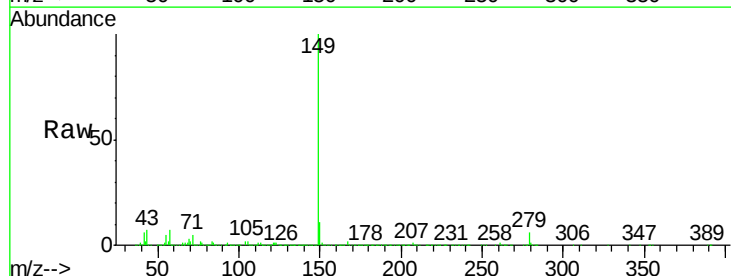


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

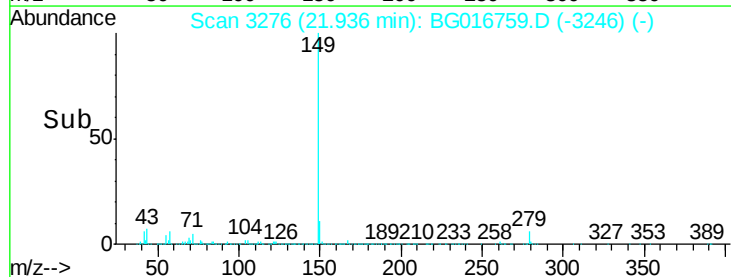
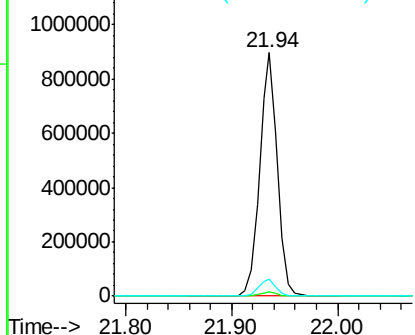


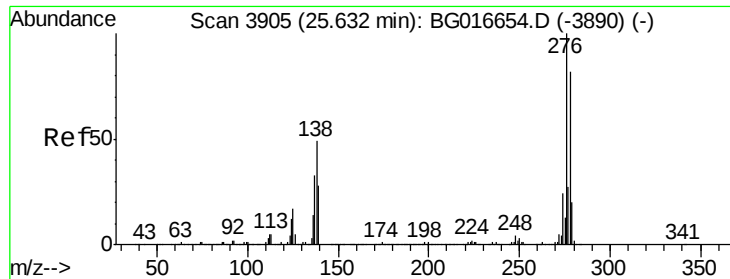
#84
 Di-n-octyl phthalate
 Concen: 53.33 ng
 RT: 21.94 min Scan# 3276
 Delta R.T. -0.02 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:149 Resp: 1047107
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 6.8 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

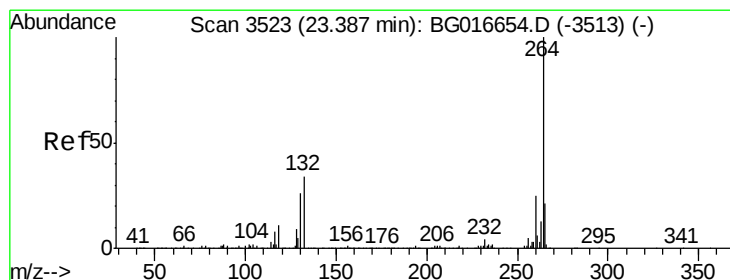
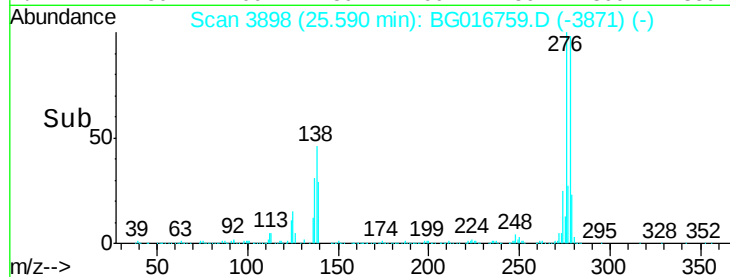
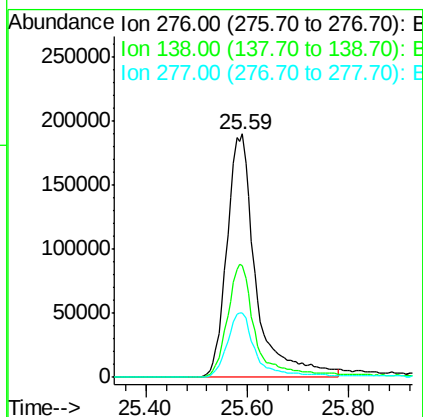
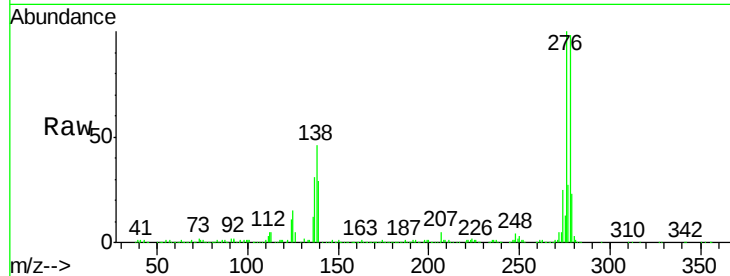




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.53 ng
 RT: 25.59 min Scan# 3898
 Delta R.T. -0.04 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

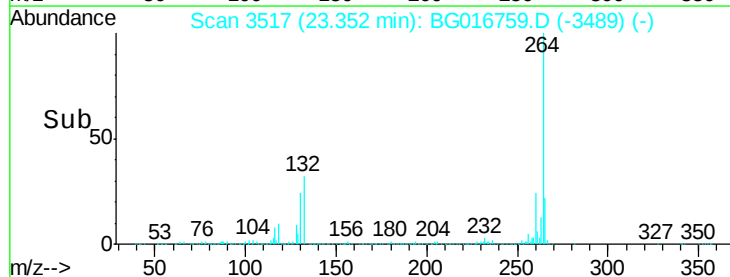
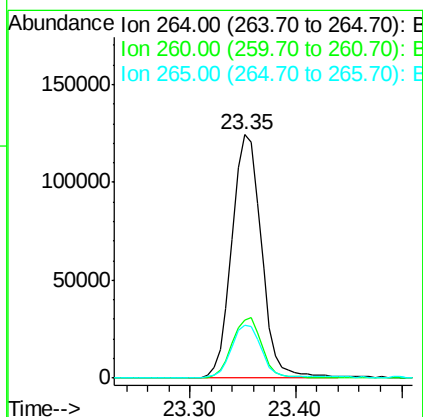
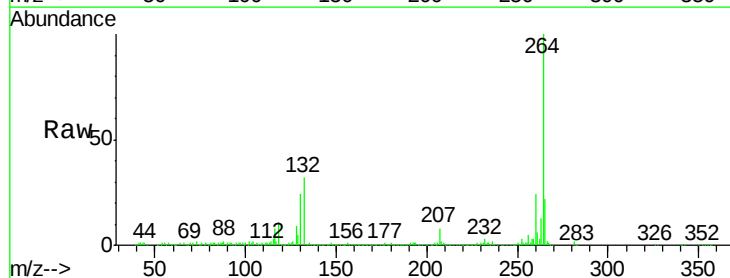
Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

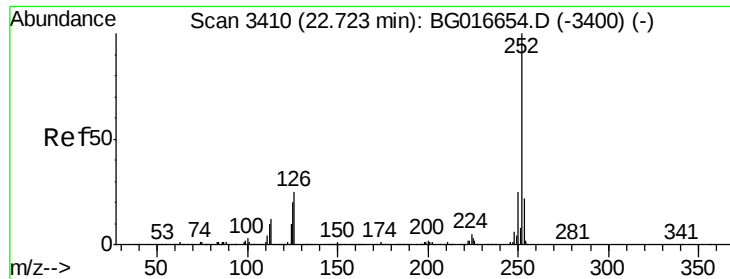
Tot Ion:276 Resp: 755092
 Ion Ratio Lower Upper
 276 100
 138 43.8 38.2 57.2
 277 26.5 21.4 32.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 3517
 Delta R.T. -0.04 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Tgt Ion:264 Resp: 241996
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.0 30.0
 265 21.8 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 49.70 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

Instrument :

BNA_G

ClientSampleId :

SB-64DMSD

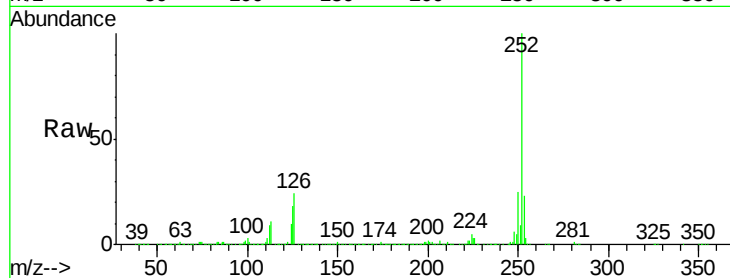
Tot Ion:252 Resp: 730525

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

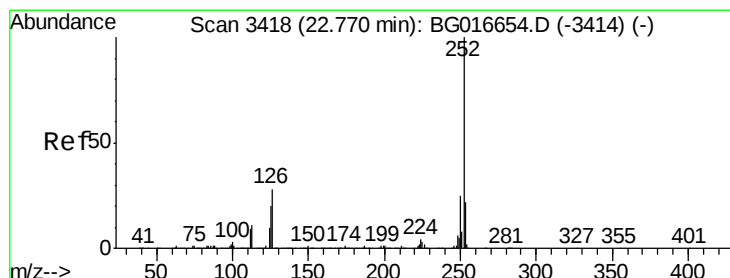
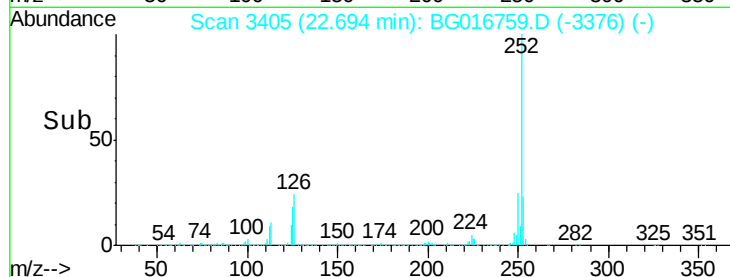
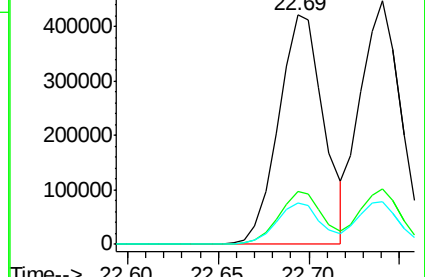
125 18.1 15.8 23.8



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: 48.27 ng

RT: 22.74 min Scan# 3413

Delta R.T. -0.03 min

Lab File: BG016759.D

Acq: 28 Apr 2015 8:38

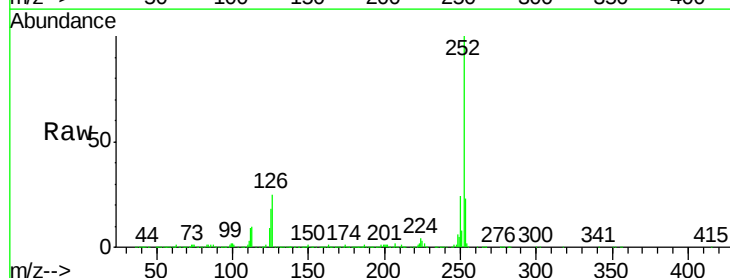
Tgt Ion:252 Resp: 692445

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

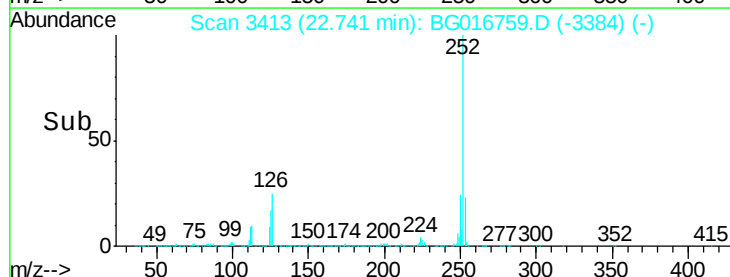
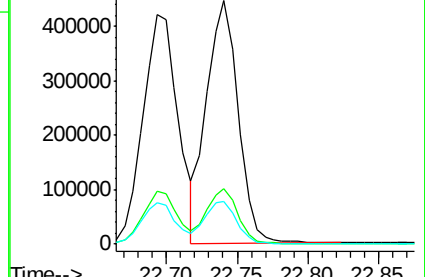
125 17.5 15.5 23.3

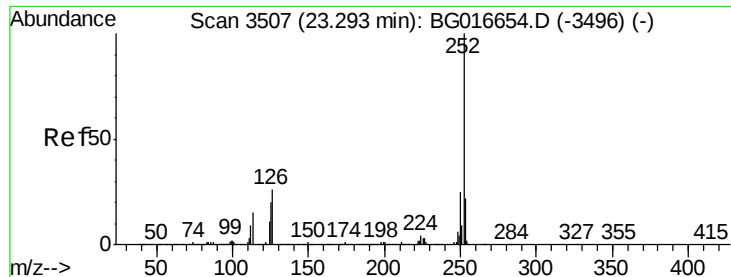


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

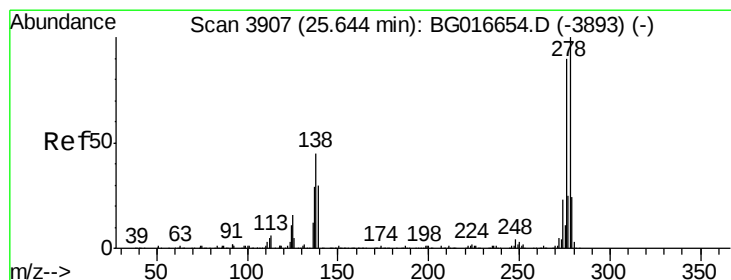
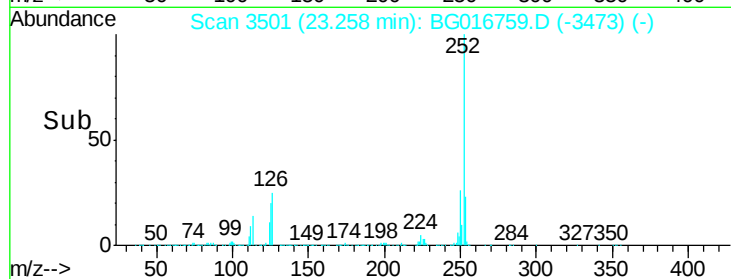
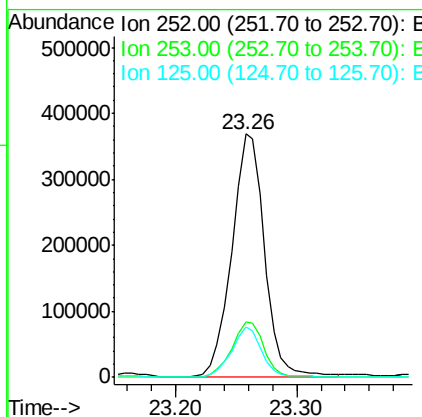
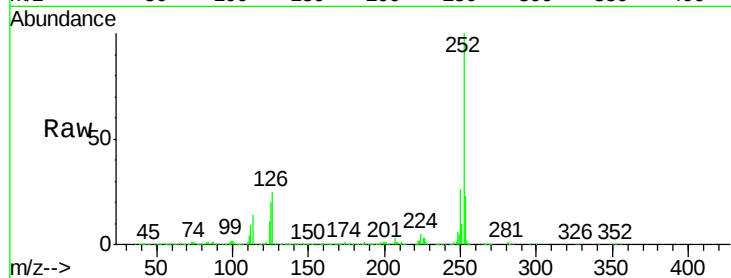




#89
Benzo(a)pyrene
Concen: 50.06 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.04 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

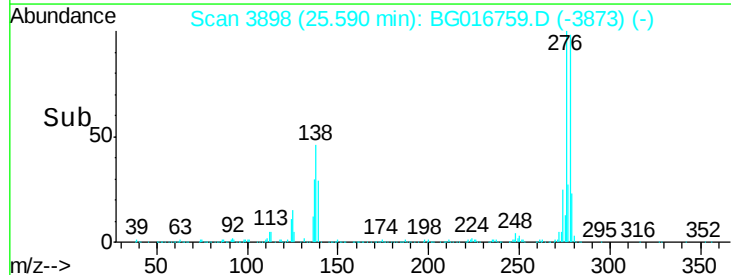
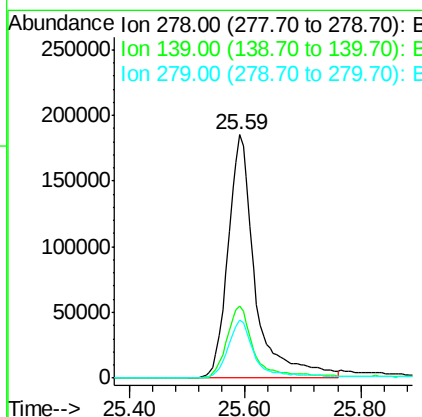
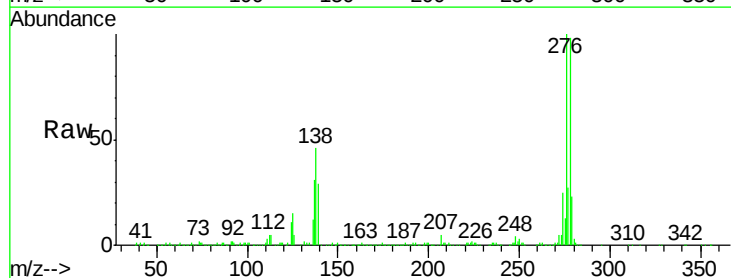
Instrument :
BNA_G
ClientSampleId :
SB-64DMSD

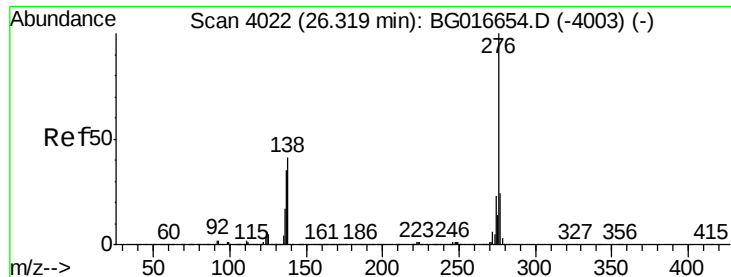
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	20.5	16.3	24.5



#90
Dibenzo(a,h)anthracene
Concen: 44.52 ng
RT: 25.59 min Scan# 3898
Delta R.T. -0.05 min
Lab File: BG016759.D
Acq: 28 Apr 2015 8:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	24.2	36.2
279	23.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 44.20 ng
 RT: 26.27 min Scan# 4013
 Delta R.T. -0.05 min
 Lab File: BG016759.D
 Acq: 28 Apr 2015 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-64DMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	37.3	32.8	49.2

