

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016529.D
 Acq On : 18 Apr 2015 20:14
 Operator : TP/IZ
 Sample : G1902-05MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Quant Time: Apr 20 04:10:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74819	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	330137	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	186295	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	377674	20.00	ng	0.00
75) Chrysene-d12	21.22	240	330892	20.00	ng	0.00
86) Perylene-d12	23.45	264	317161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	612521	129.20	ng	0.00
7) Phenol-d6	6.85	99	856595	120.36	ng	0.00
23) Nitrobenzene-d5	8.82	82	436223	76.54	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	156667	124.35	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	840078	76.78	ng	0.00
78) Terphenyl-d14	19.67	244	903884	63.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	66650	30.93	ng	97
3) Pyridine	3.53	79	191878	29.79	ng	96
4) n-Nitrosodimethylamine	3.45	42	66858	34.92	ng	96
6) Aniline	6.99	93	243691	23.98	ng	97
8) 2-Chlorophenol	7.23	128	238016	41.81	ng	96
9) Benzaldehyde	6.80	77	39584	9.50	ng	95
10) Phenol	6.88	94	302345	39.71	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	216201	35.61	ng	98
12) 1,3-Dichlorobenzene	7.55	146	217525	37.84	ng	97
13) 1,4-Dichlorobenzene	7.69	146	225043	37.73	ng	96
14) 1,2-Dichlorobenzene	8.01	146	215214	37.73	ng	98
15) Benzyl Alcohol	7.90	79	170497	34.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	224129	32.78	ng	97
17) 2-Methylphenol	8.12	107	197309	38.64	ng	98
18) Hexachloroethane	8.73	117	81441	35.70	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	158866	31.16	ng	97
20) 3+4-Methylphenols	8.44	107	267303	37.79	ng	98
22) Acetophenone	8.48	105	301397	39.37	ng	99
24) Nitrobenzene	8.86	77	224264	36.80	ng	91
25) Isophorone	9.38	82	434529	34.33	ng	98
26) 2-Nitrophenol	9.57	139	128346	45.16	ng	94
27) 2,4-Dimethylphenol	9.64	122	228527	43.17	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	268200	37.13	ng	99
29) 2,4-Dichlorophenol	10.10	162	194707	46.49	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	183452	41.95	ng	99
31) Naphthalene	10.50	128	670066	38.95	ng	100
32) Benzoic acid	9.64	122	222555	61.46	ng	# 13
33) 4-Chloroaniline	10.61	127	201641	24.98	ng	97
34) Hexachlorobutadiene	10.78	225	78119	40.67	ng	99
35) Caprolactam	11.38	113	69610	26.40	ng	90
36) 4-Chloro-3-methylphenol	11.75	107	226026	40.85	ng	94
37) 2-Methylnaphthalene	12.11	142	475903	38.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	164537	40.11	ng	99
40) Hexachlorocyclopentadiene	12.46	237	116748	62.19	ng	99

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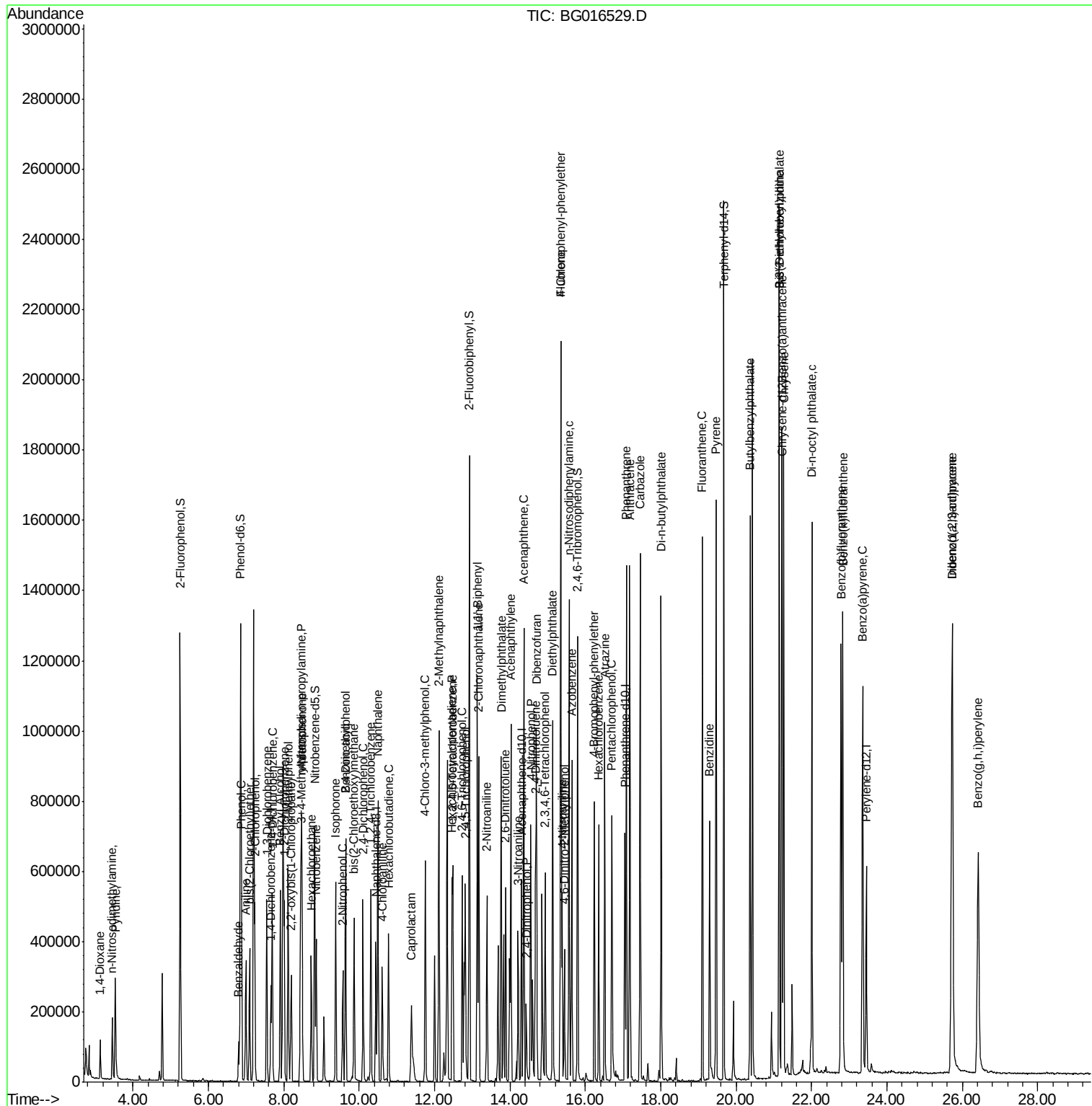
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	128216	42.07	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	140943	43.28	ng	95
45) 1,1'-Biphenyl	13.13	154	567952	39.74	ng	99
46) 2-Chloronaphthalene	13.17	162	436093	40.06	ng	98
47) 2-Nitroaniline	13.39	65	135564	38.63	ng	92
48) Acenaphthylene	14.03	152	739568	38.20	ng	98
49) Dimethylphthalate	13.77	163	587303	43.01	ng	99
50) 2,6-Dinitrotoluene	13.89	165	136453	41.32	ng	91
51) Acenaphthene	14.37	154	444515	38.43	ng	100
52) 3-Nitroaniline	14.22	138	126517	30.00	ng	87
53) 2,4-Dinitrophenol	14.43	184	61567	37.15	ng	94
54) Dibenzofuran	14.70	168	641494	39.96	ng	99
55) 4-Nitrophenol	14.55	139	253621	72.77	ng	97
56) 2,4-Dinitrotoluene	14.68	165	190295	42.31	ng	90
57) Fluorene	15.35	166	549324	38.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	105528	41.99	ng	95
59) Diethylphthalate	15.13	149	554727	38.17	ng	100
60) 4-Chlorophenyl-phenylether	15.35	204	226018	39.02	ng	96
61) 4-Nitroaniline	15.38	138	177023	36.98	ng	97
62) Azobenzene	15.64	77	557696	36.05	ng	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	85933	33.60	ng	95
65) n-Nitrosodiphenylamine	15.57	169	501040	39.24	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	116995	38.80	ng	94
67) Hexachlorobenzene	16.35	284	118543	37.82	ng	96
68) Atrazine	16.52	200	157301	44.21	ng	99
69) Pentachlorophenol	16.71	266	124716	65.17	ng	98
70) Phenanthrene	17.09	178	808985	38.08	ng	99
71) Anthracene	17.18	178	822003	39.05	ng	99
72) Carbazole	17.45	167	868182	41.09	ng	99
73) Di-n-butylphthalate	18.01	149	984068	38.06	ng	100
74) Fluoranthene	19.10	202	840788	38.40	ng	97
76) Benzidine	19.30	184	436806	31.13	ng	98
77) Pyrene	19.47	202	863709	37.49	ng	100
79) Butylbenzylphthalate	20.37	149	468055	41.35	ng	97
80) Benzo(a)anthracene	21.21	228	749208	38.31	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	194947	30.31	ng	100
82) Chrysene	21.26	228	715210	37.88	ng	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	663325	43.28	ng	99
84) Di-n-octyl phthalate	22.01	149	1091161	43.70	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	801745	40.88	ng	98
87) Benzo(b)fluoranthene	22.78	252	716193	38.56	ng	100
88) Benzo(k)fluoranthene	22.83	252	698752	38.44	ng	98
89) Benzo(a)pyrene	23.36	252	699559	40.18	ng	100
90) Dibenzo(a,h)anthracene	25.74	278	665600	39.29	ng	98
91) Benzo(g,h,i)perylene	26.42	276	666671	39.40	ng	98

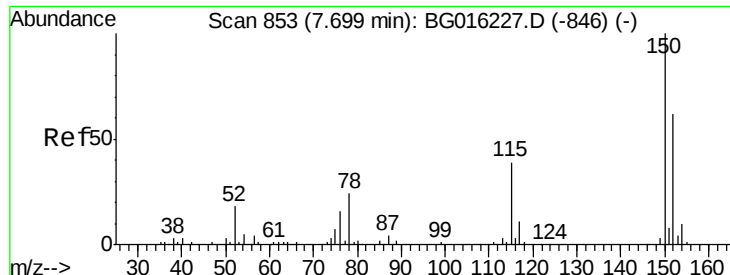
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

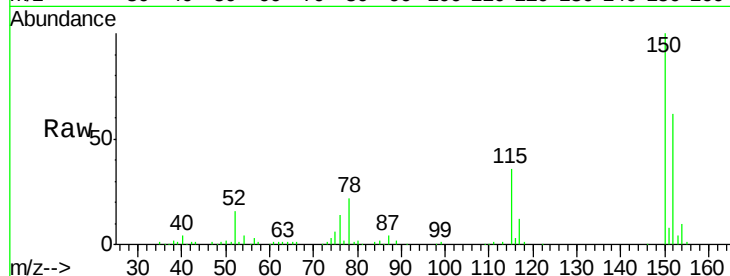
Tgt Ion:152 Resp: 74819

Ion Ratio Lower Upper

152 100

150 161.1 130.1 195.1

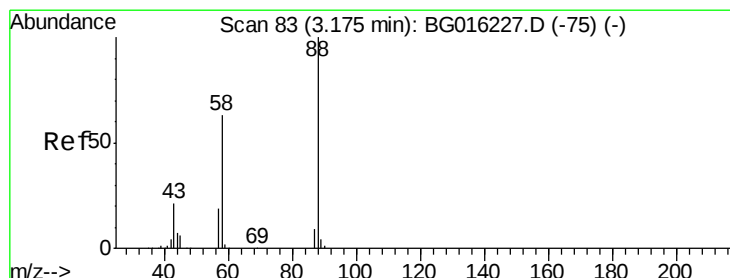
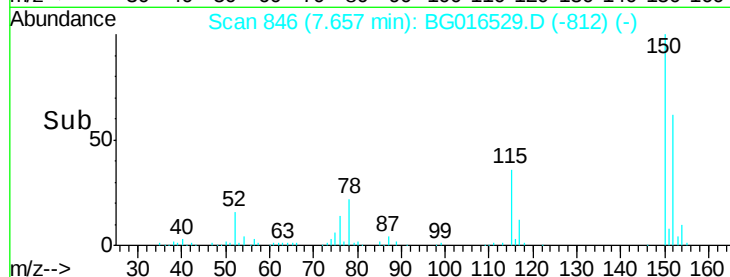
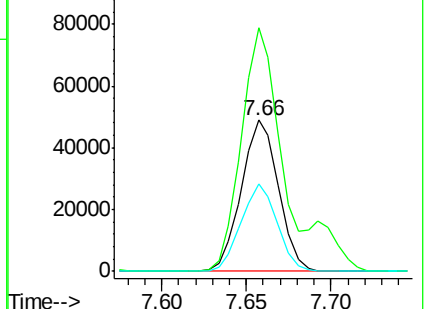
115 57.9 50.5 75.7



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: 30.93 ng

RT: 3.13 min Scan# 76

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

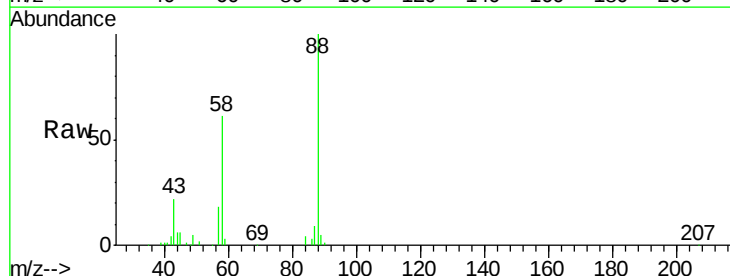
Tgt Ion: 88 Resp: 66650

Ion Ratio Lower Upper

88 100

58 60.3 50.6 76.0

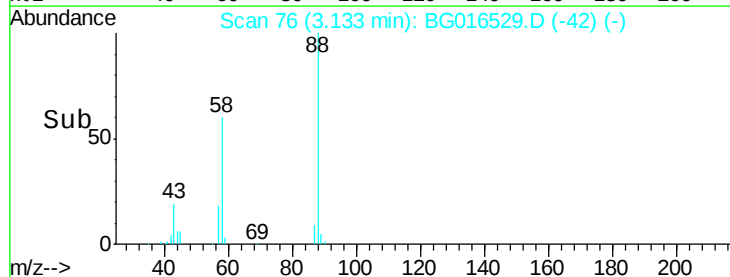
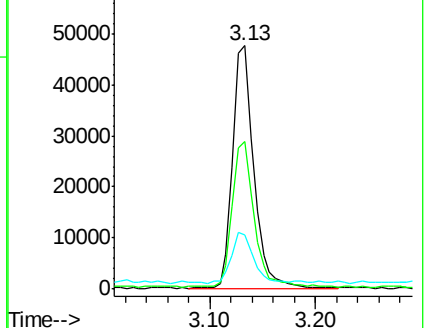
43 21.2 17.0 25.4

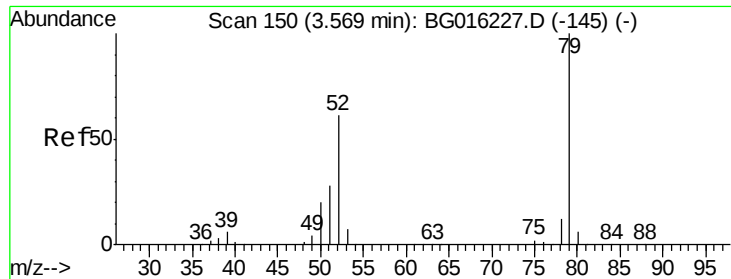


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.79 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG016529.D

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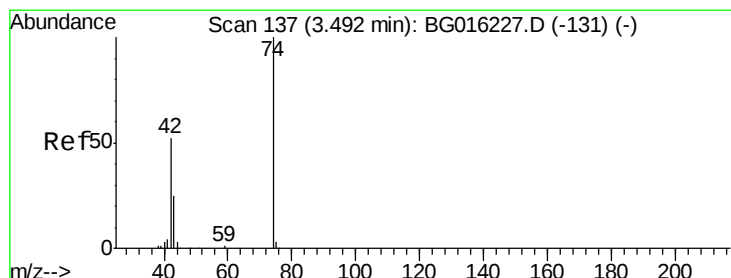
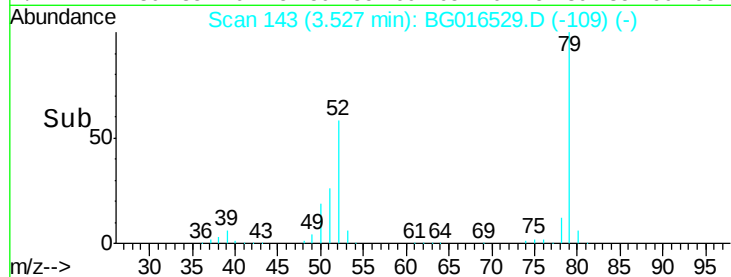
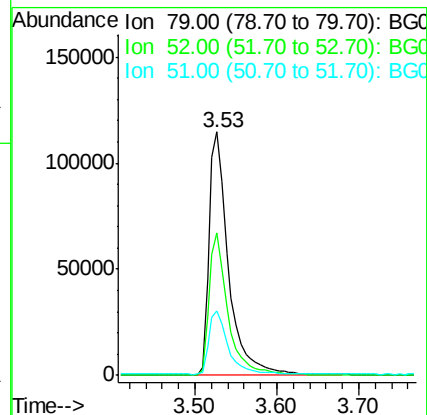
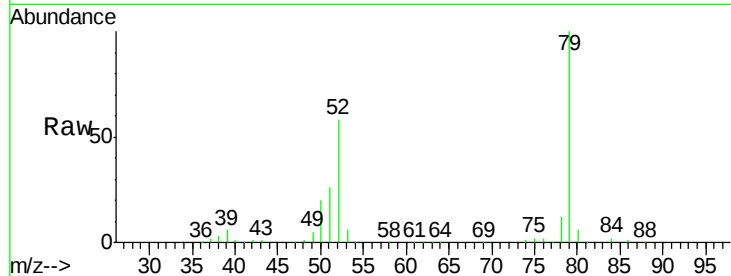
Tgt Ion: 79 Resp: 191878

Ion Ratio Lower Upper

79 100

52 58.4 49.0 73.4

51 26.4 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 34.92 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

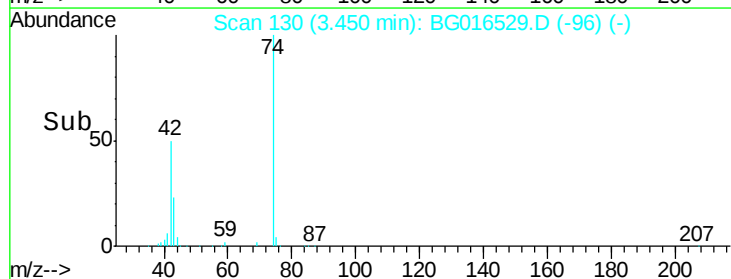
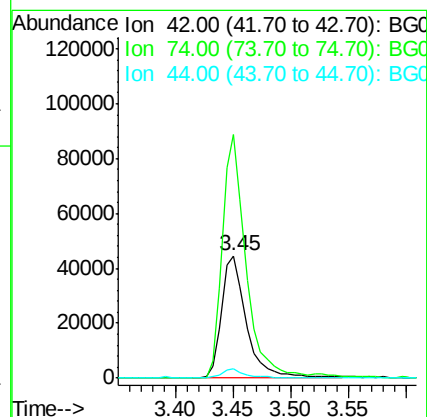
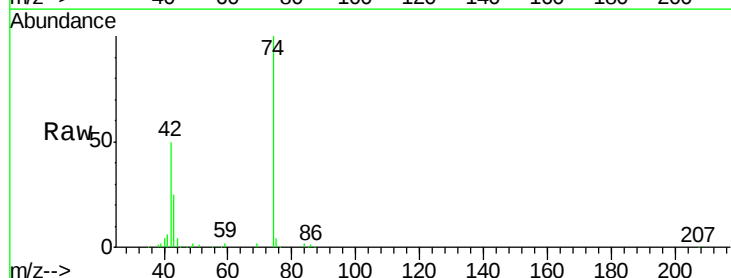
Tgt Ion: 42 Resp: 66858

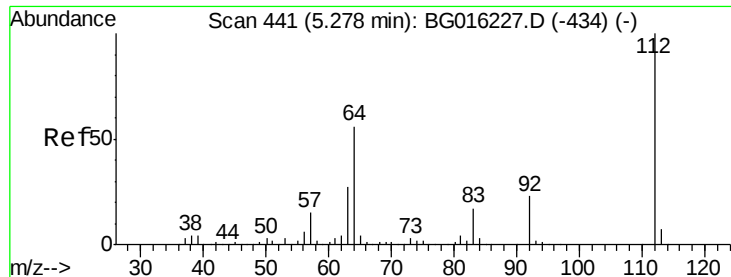
Ion Ratio Lower Upper

42 100

74 198.7 153.7 230.5

44 7.6 5.3 7.9





#5

2-Fluorophenol

Concen: 129.20 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

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Acq: 18 Apr 2015 20:14

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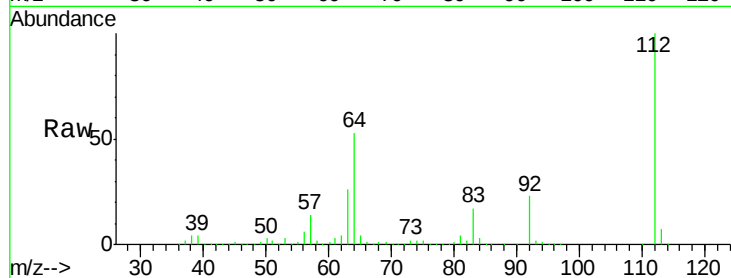
Tgt Ion: 112 Resp: 612521

Ion Ratio Lower Upper

112 100

64 53.0 44.5 66.7

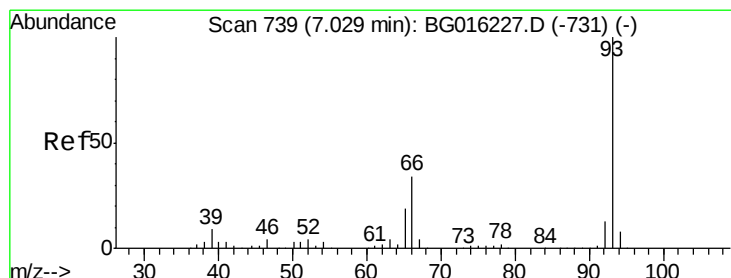
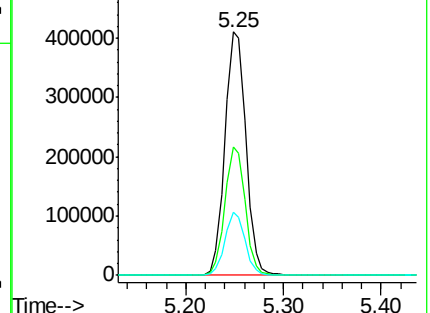
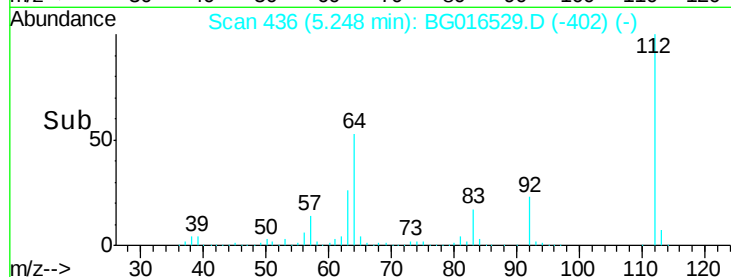
63 26.0 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.98 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

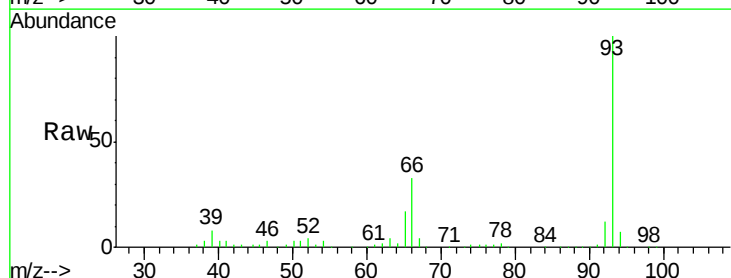
Tgt Ion: 93 Resp: 243691

Ion Ratio Lower Upper

93 100

66 32.7 27.5 41.3

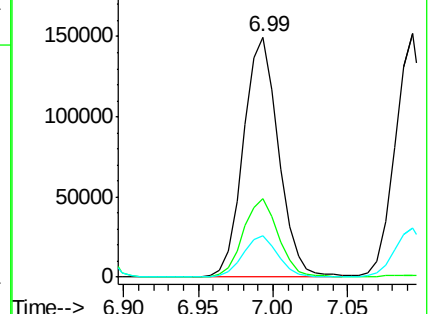
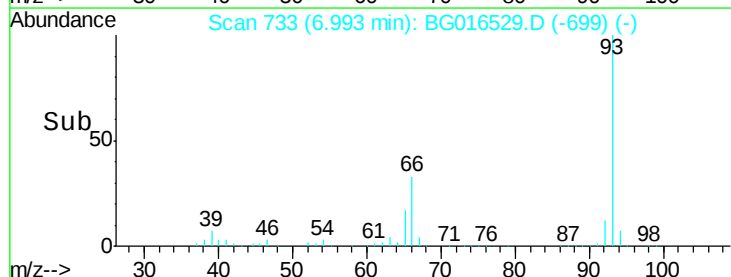
65 17.2 15.1 22.7

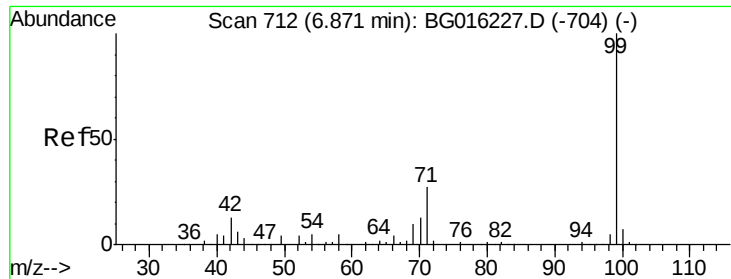


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.36 ng

RT: 6.85 min Scan# 709

Delta R.T. 0.00 min

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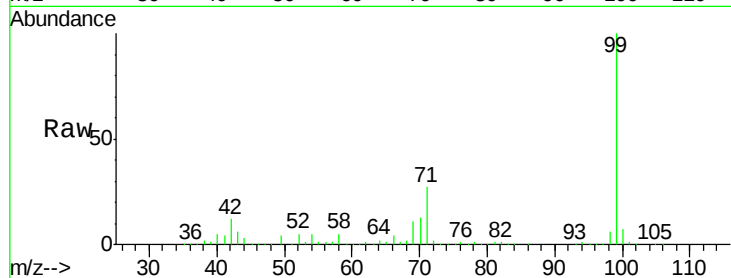
Tgt Ion: 99 Resp: 856595

Ion Ratio Lower Upper

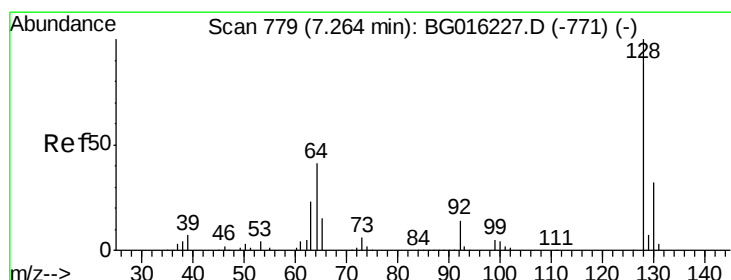
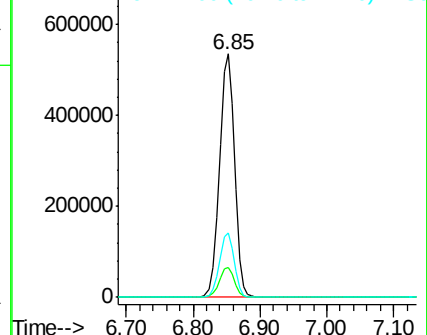
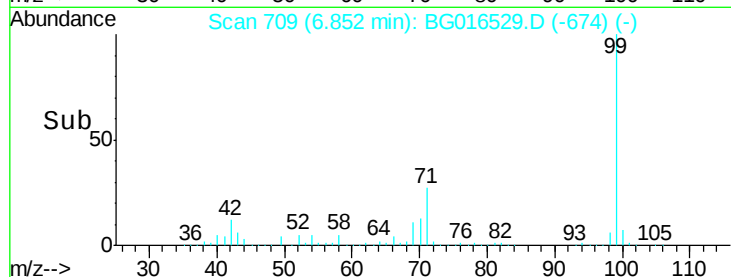
99 100

42 12.3 10.0 15.0

71 26.7 21.5 32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.81 ng

RT: 7.23 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

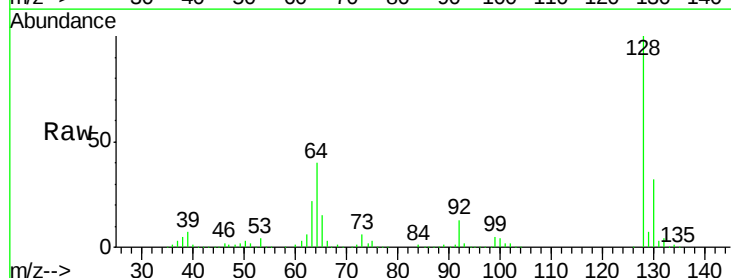
Tgt Ion: 128 Resp: 238016

Ion Ratio Lower Upper

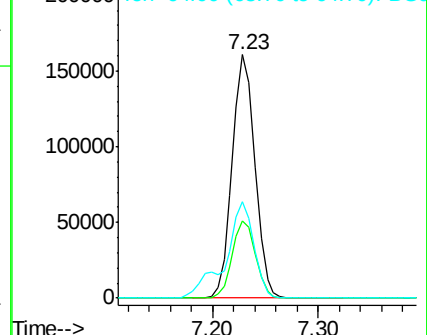
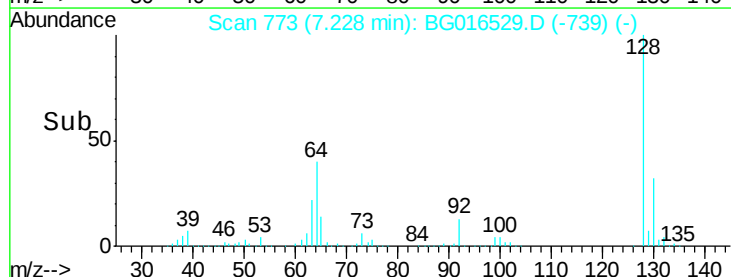
128 100

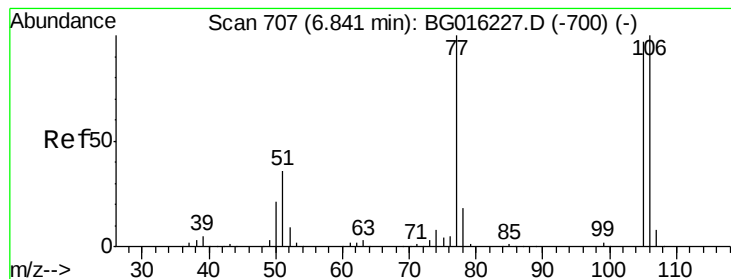
130 32.0 11.6 51.6

64 39.7 24.2 64.2



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





#9

Benzaldehyde

Concen: 9.50 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

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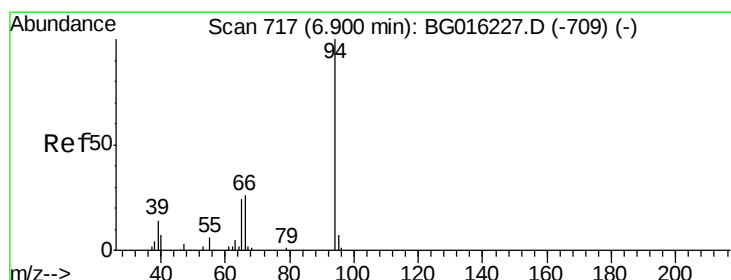
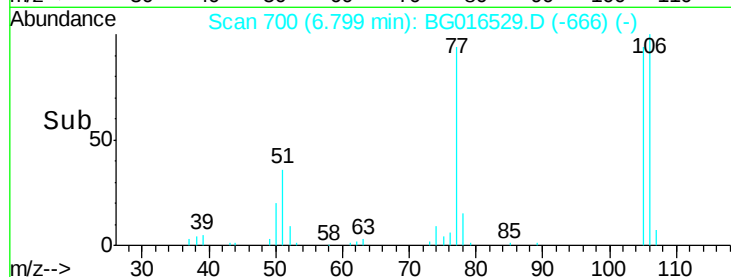
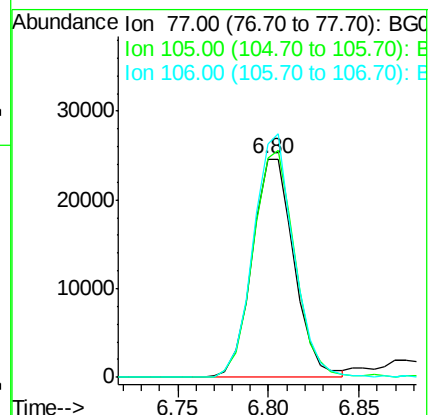
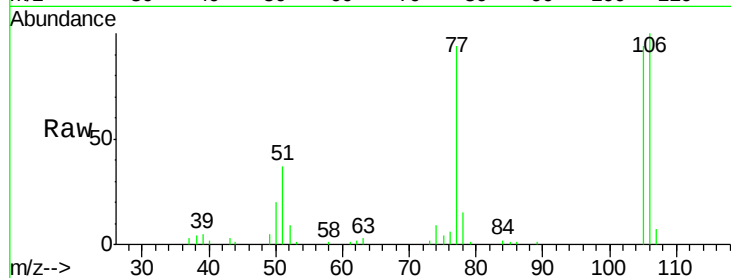
Tgt Ion: 77 Resp: 39584

Ion Ratio Lower Upper

77 100

105 100.4 76.8 116.8

106 106.6 80.1 120.1



#10

Phenol

Concen: 39.71 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

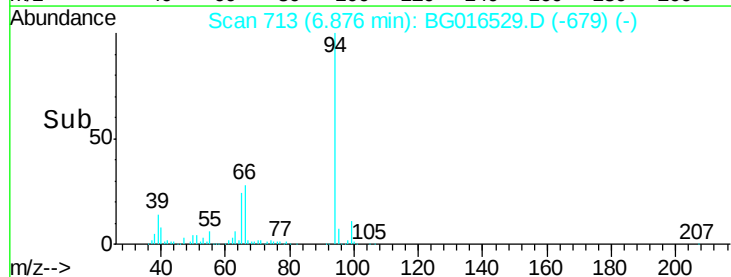
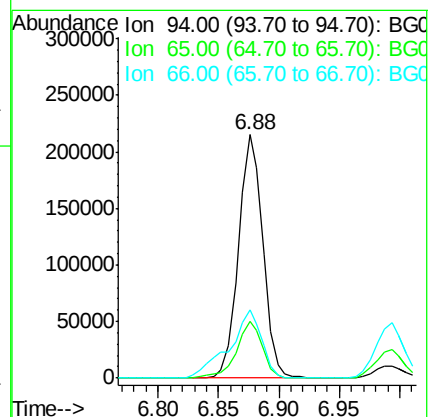
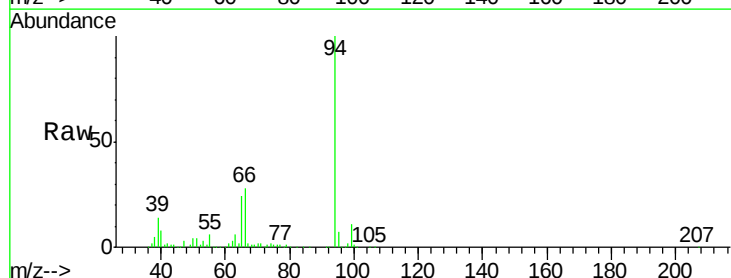
Tgt Ion: 94 Resp: 302345

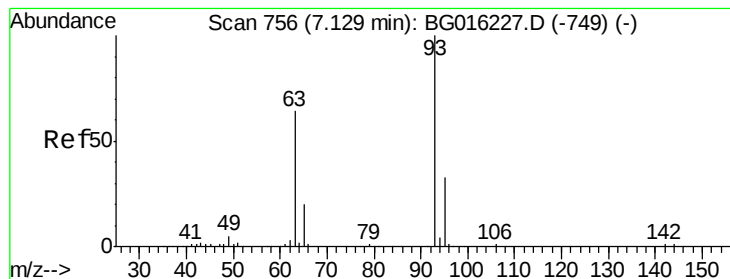
Ion Ratio Lower Upper

94 100

65 23.5 3.8 43.8

66 28.0 7.4 47.4



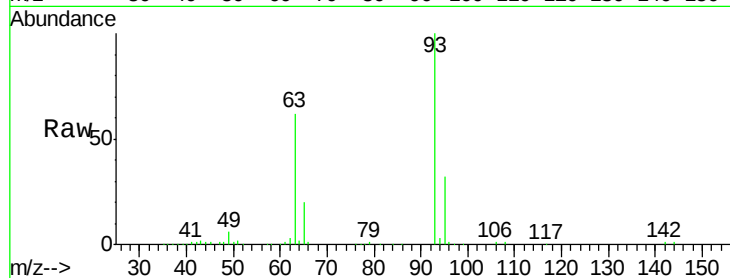


#11

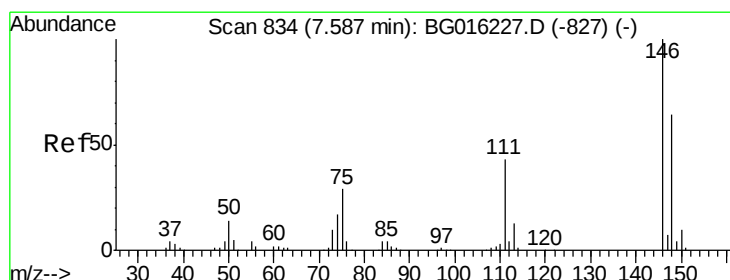
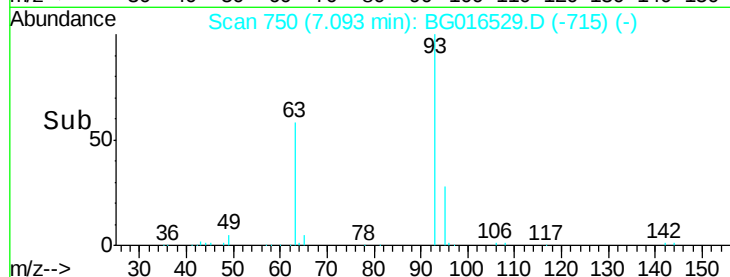
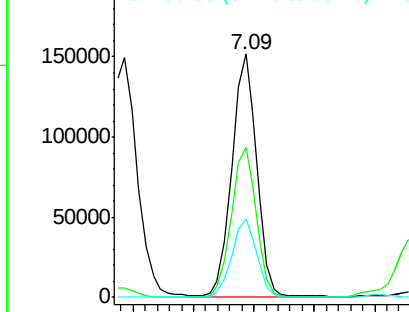
bis(2-Chloroethyl)ether
Concen: 35.61 ng
RT: 7.09 min Scan# 750
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion:	93	Resp:	216201
Ion	Ratio	Lower	Upper
93	100		
63	61.7	44.1	84.1
95	32.4	12.5	52.5



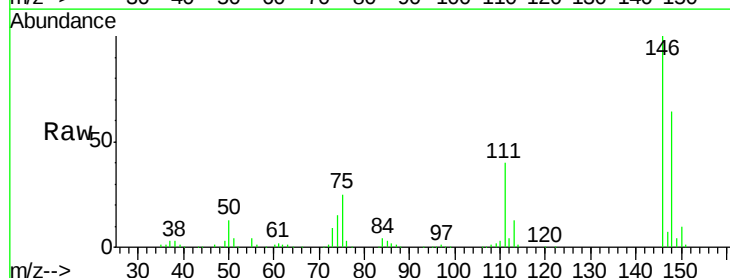
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



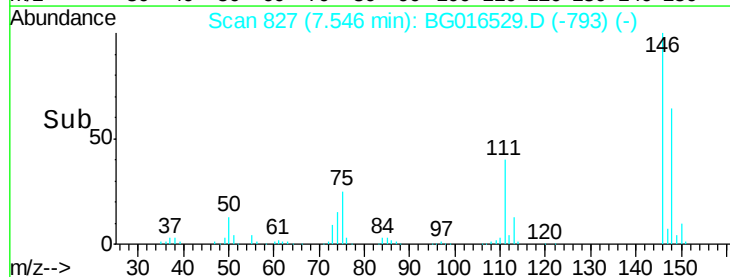
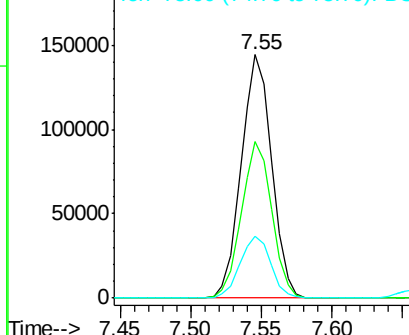
#12

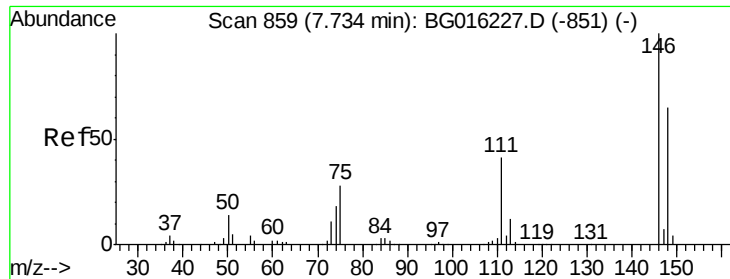
1,3-Dichlorobenzene
Concen: 37.84 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	146	Resp:	217525
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	25.3	23.3	34.9



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

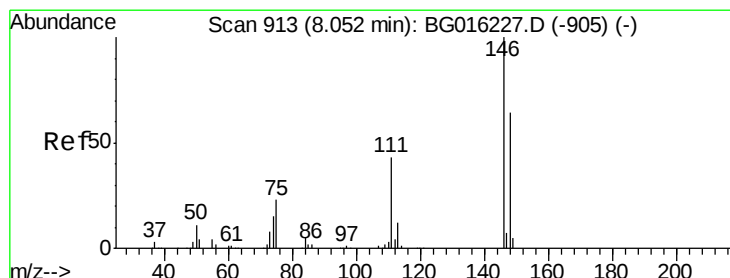
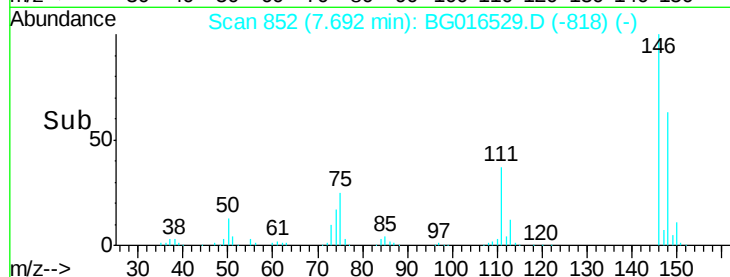
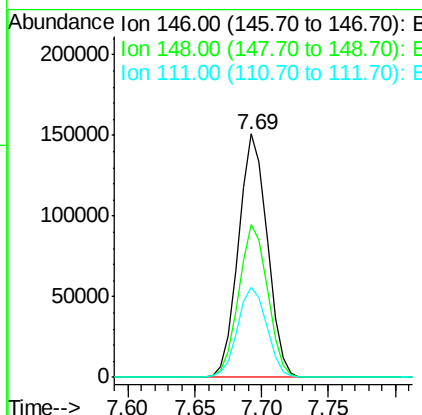
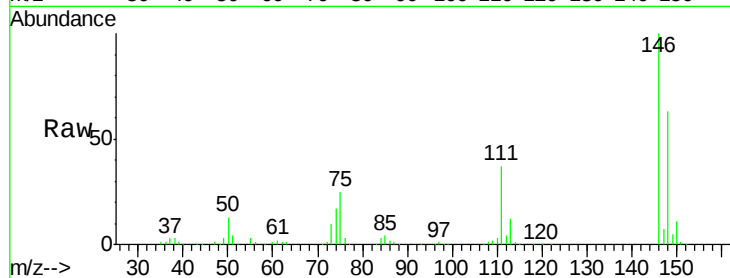




#13
 1,4-Dichlorobenzene
 Concen: 37.73 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

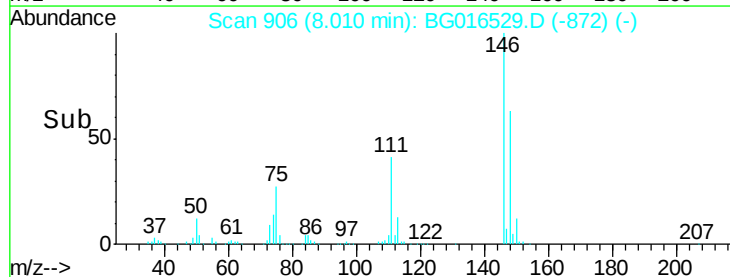
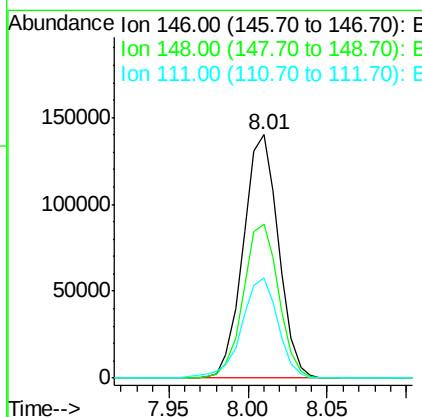
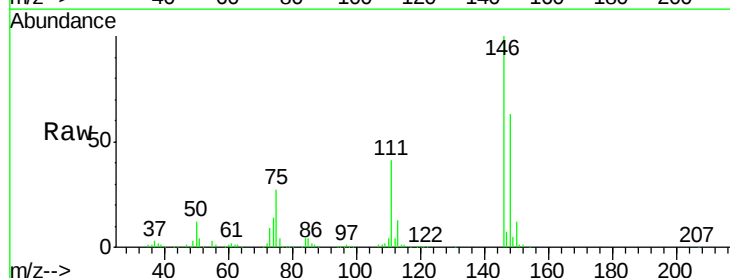
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

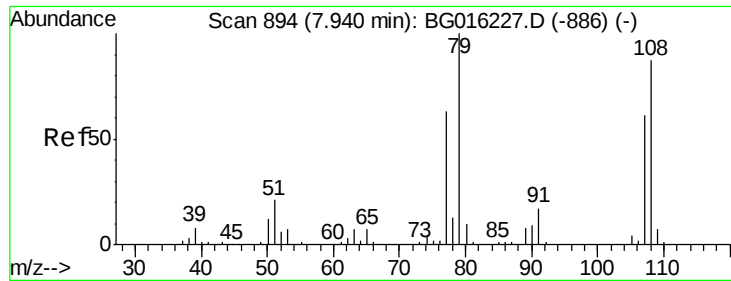
Tgt Ion:146 Resp: 225043
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.0 78.0
 111 37.2 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 37.73 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:146 Resp: 215214
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.9 76.3
 111 41.2 34.7 52.1





#15

Benzyl Alcohol

Concen: 34.37 ng

RT: 7.90 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

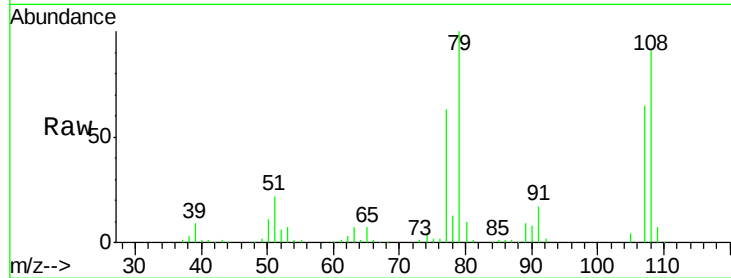
Tgt Ion: 79 Resp: 170497

Ion Ratio Lower Upper

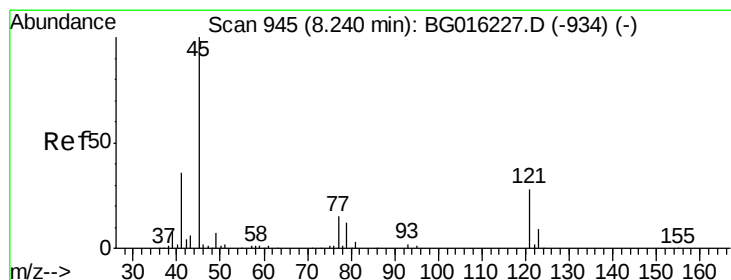
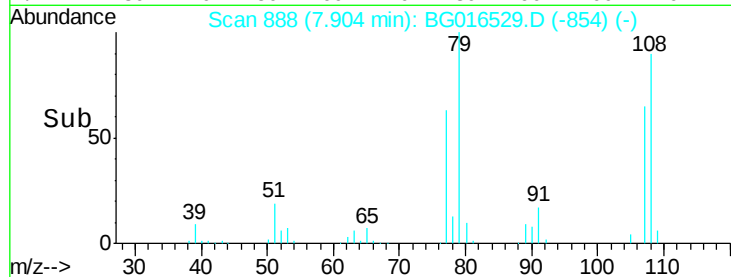
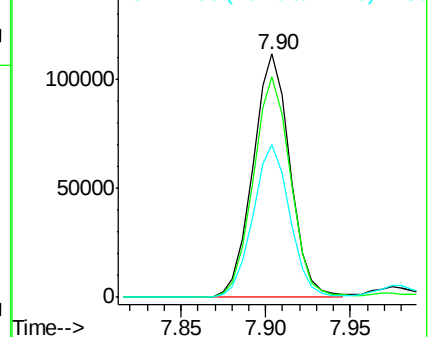
79 100

108 90.7 69.3 103.9

77 62.9 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

RT: 8.20 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

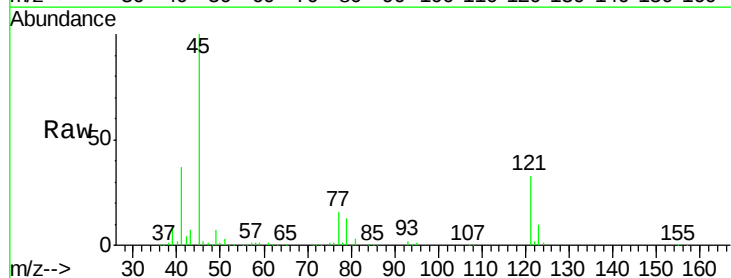
Tgt Ion: 45 Resp: 224129

Ion Ratio Lower Upper

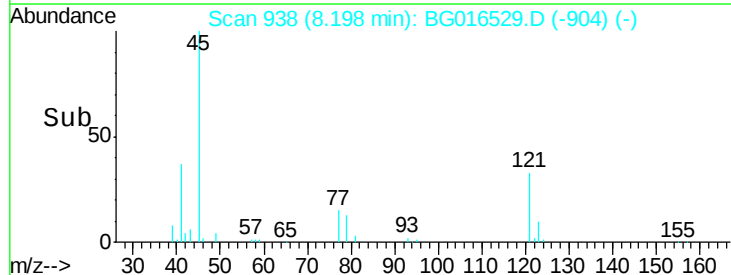
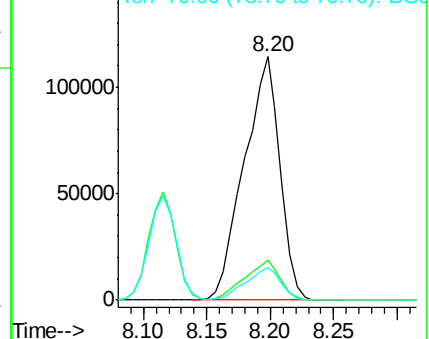
45 100

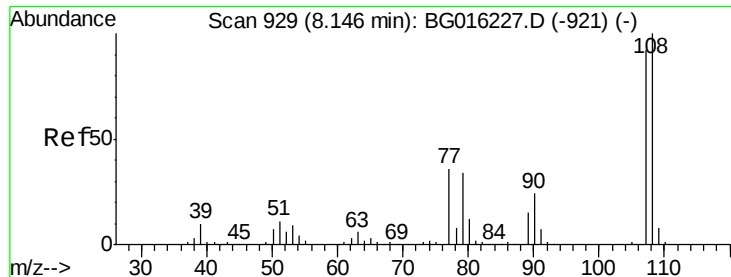
77 16.3 0.0 35.3

79 13.4 0.0 32.3



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

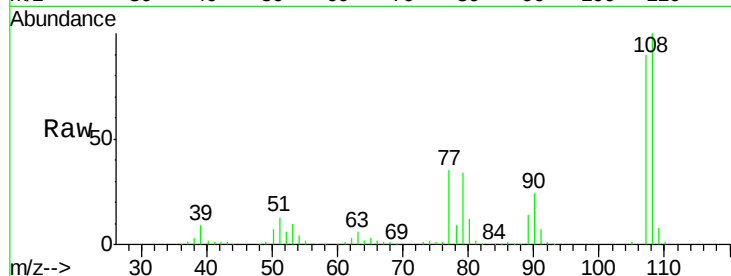




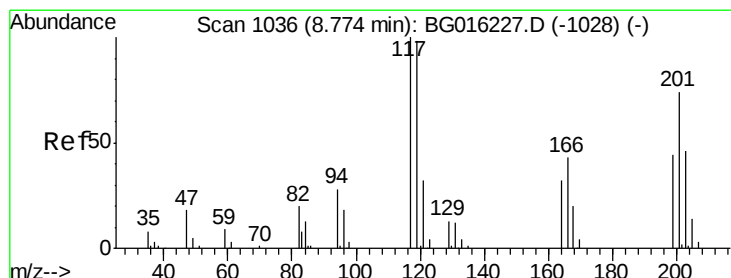
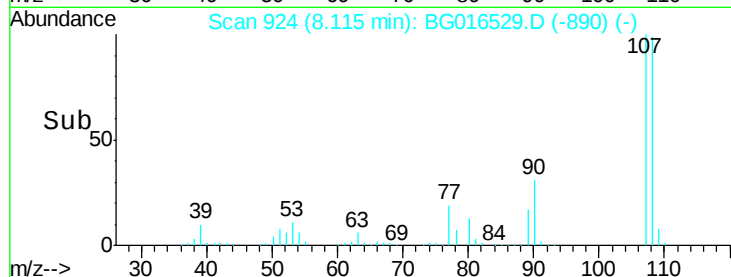
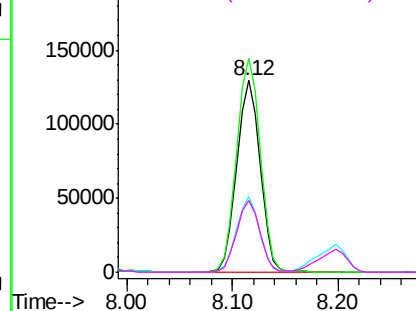
#17
2-Methylphenol
Concen: 38.64 ng
RT: 8.12 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion:	107	Resp:	197309
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.2	130.8
77	39.2	31.1	46.7
79	37.6	29.7	44.5

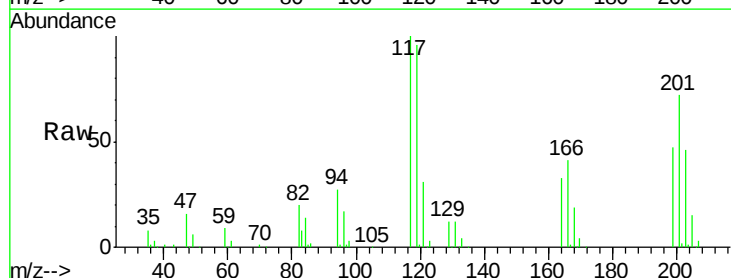


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

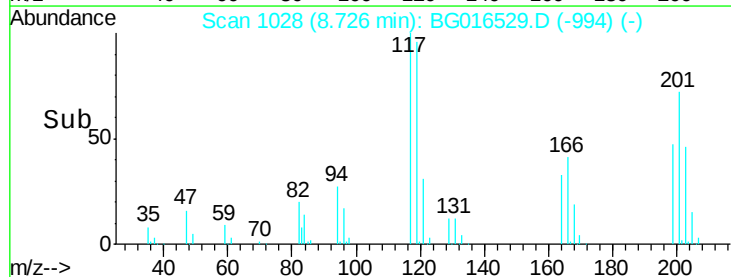
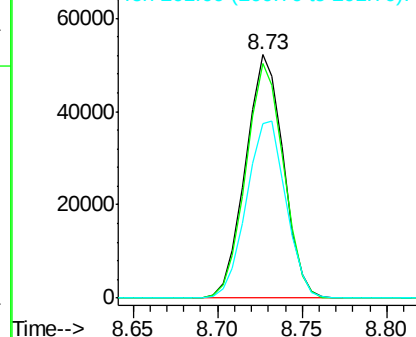


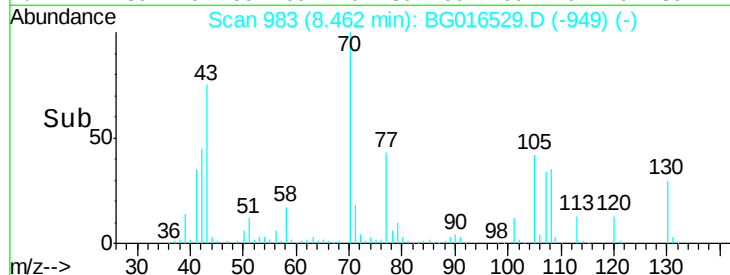
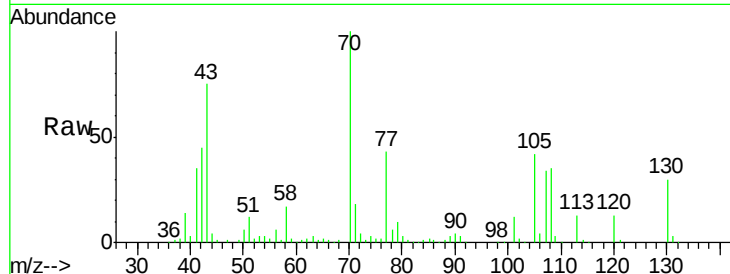
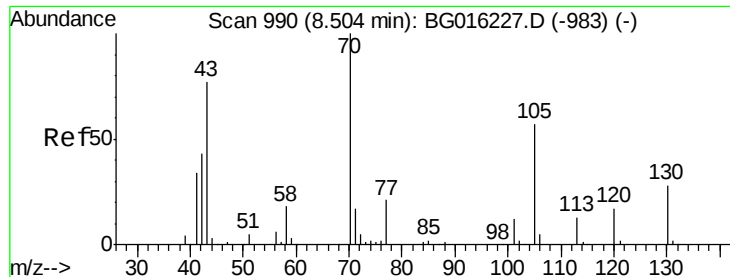
#18
Hexachloroethane
Concen: 35.70 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	117	Resp:	81441
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.8	118.2
201	71.6	59.0	88.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

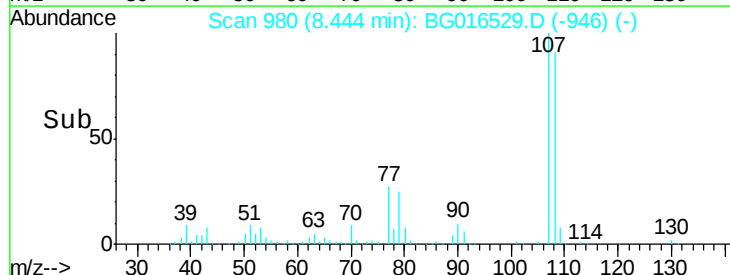
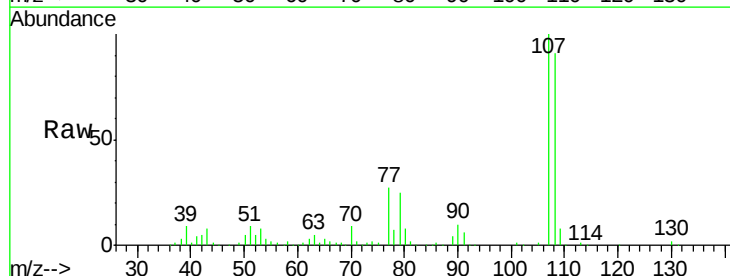
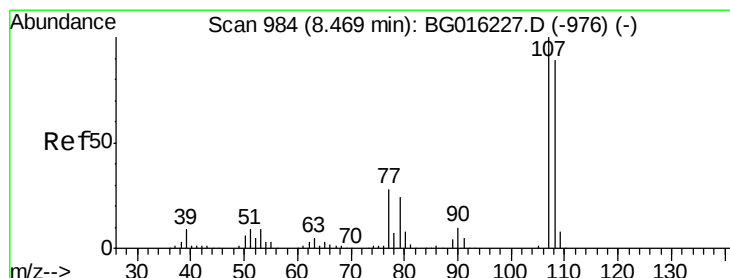
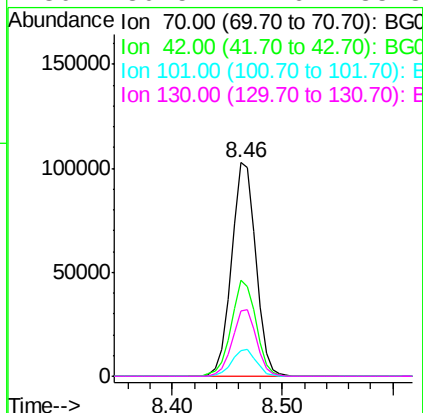




#19
n-Nitroso-di-n-propylamine
Concen: 31.16 ng
RT: 8.46 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

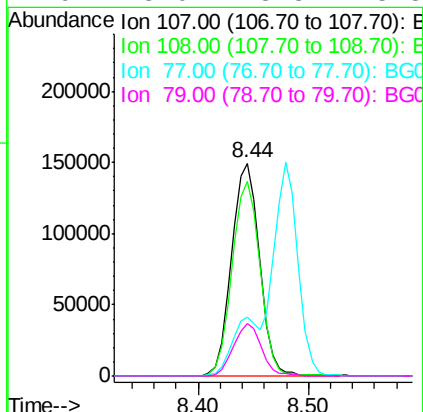
Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

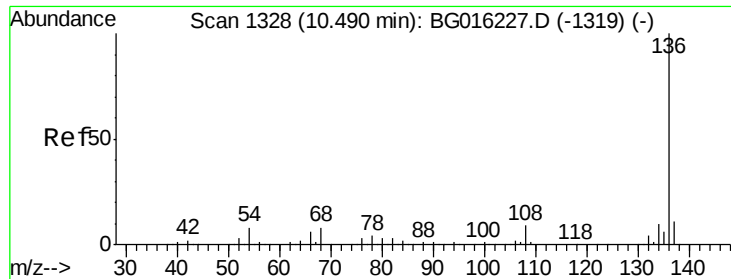
Tgt Ion:	70	Resp:	158866
Ion	Ratio	Lower	Upper
70	100		
42	44.7	34.7	52.1
101	12.3	9.2	13.8
130	30.5	22.6	33.8



#20
3+4-Methylphenols
Concen: 37.79 ng
RT: 8.44 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	107	Resp:	267303
Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.5	109.5
77	27.5	8.2	48.2
79	25.0	3.8	43.8

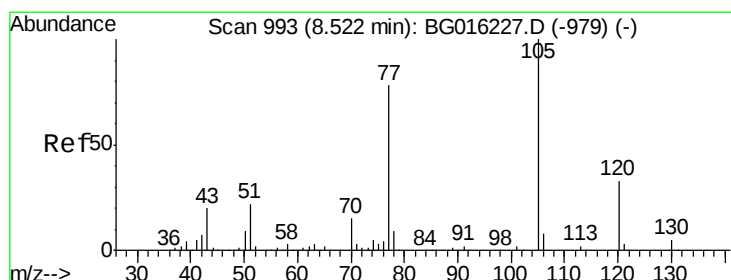
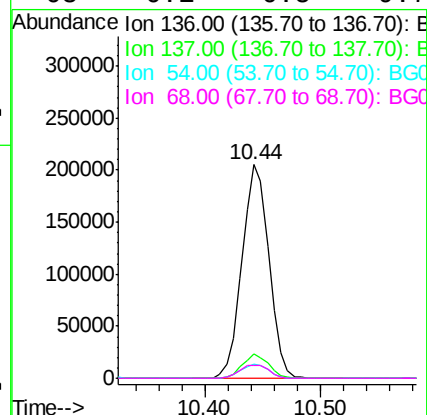
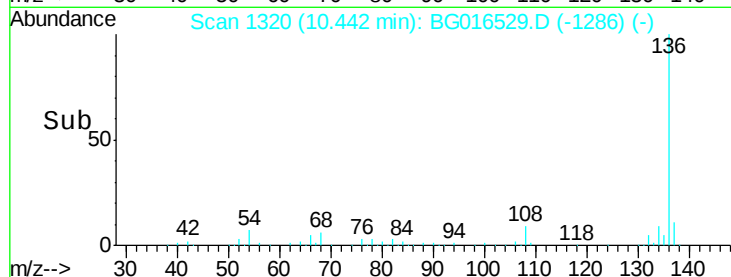
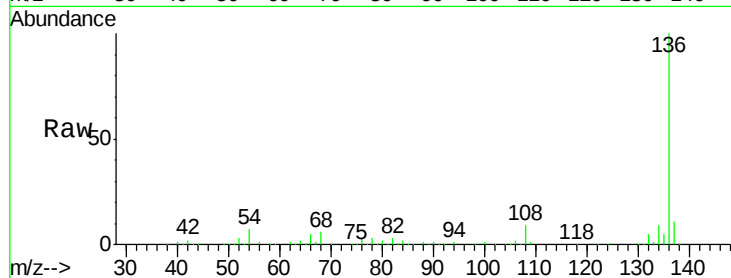




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

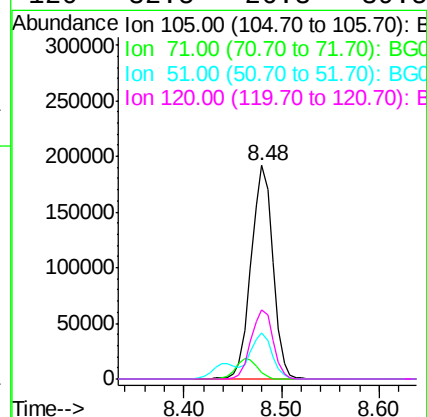
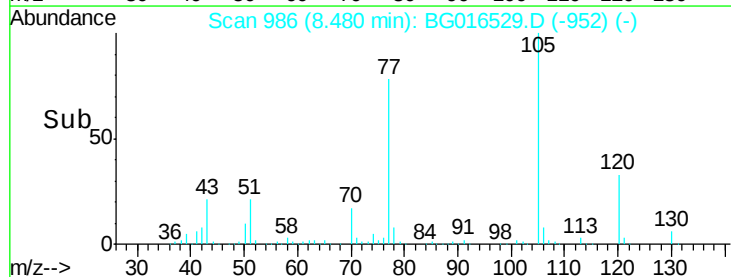
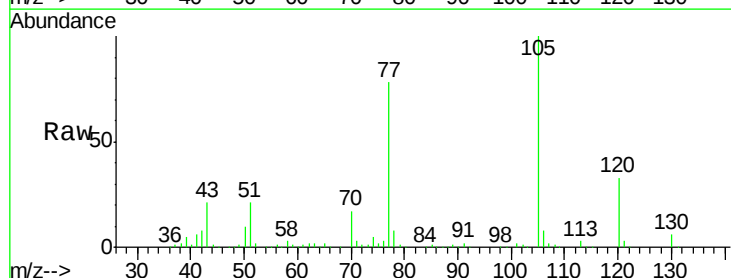
Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

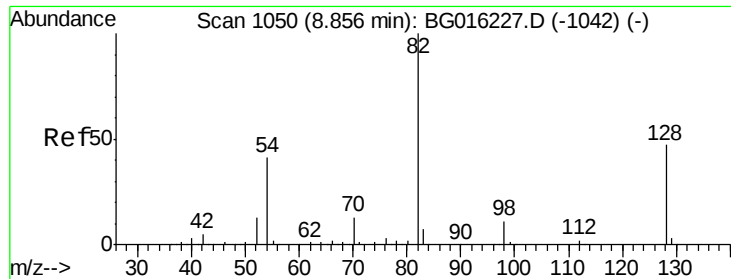
Tgt Ion:	136	Resp:	330137
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	6.3	9.5
68	6.1	6.5	9.7#



#22
Acetophenone
Concen: 39.37 ng
RT: 8.48 min Scan# 986
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	105	Resp:	301397
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.0	3.0
51	21.4	17.9	26.9
120	32.5	26.3	39.5

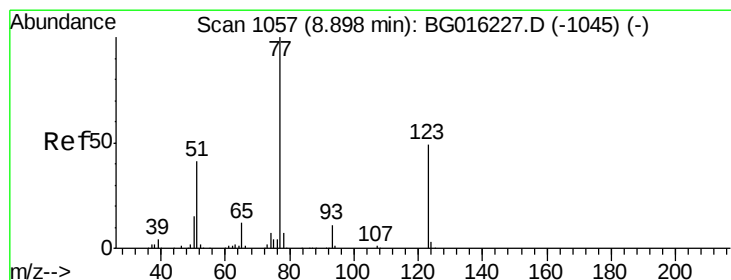
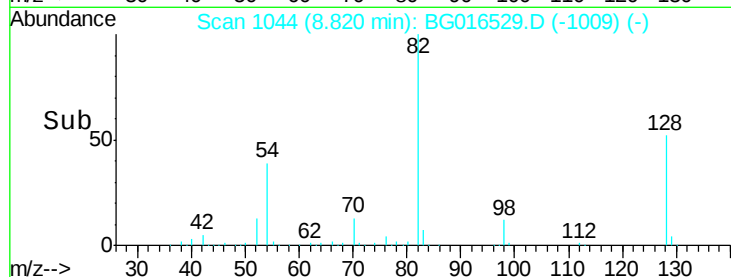
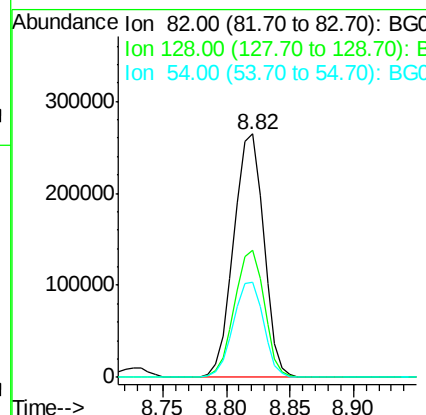
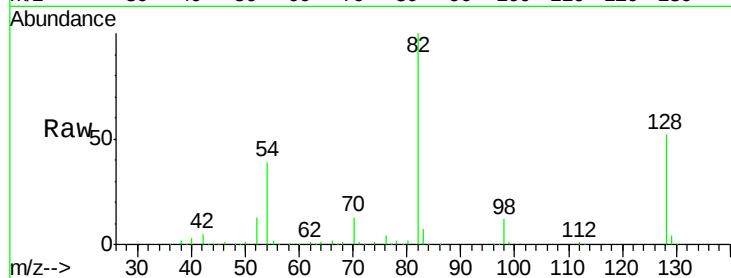




#23
 Nitrobenzene-d5
 Concen: 76.54 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

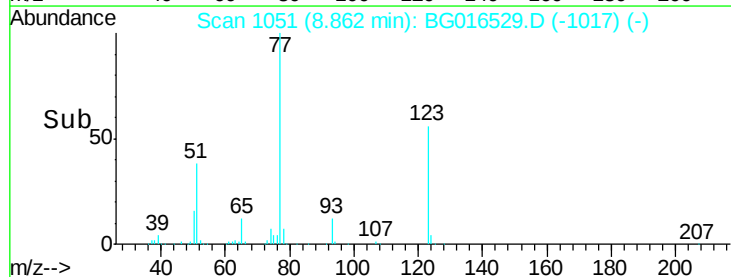
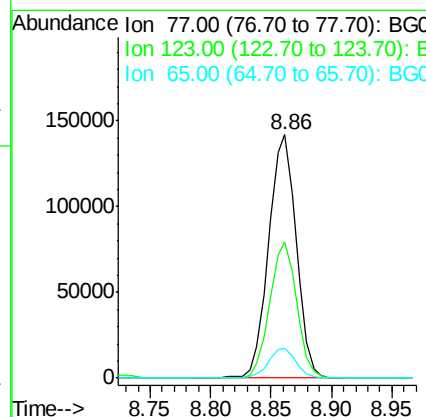
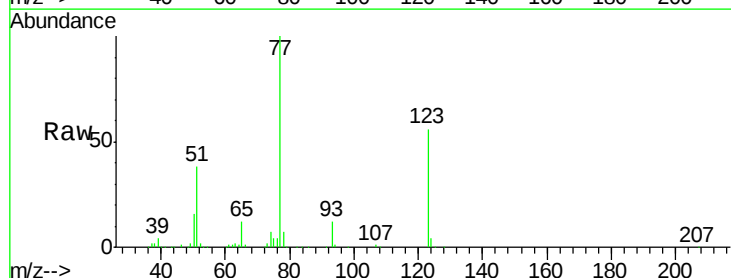
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

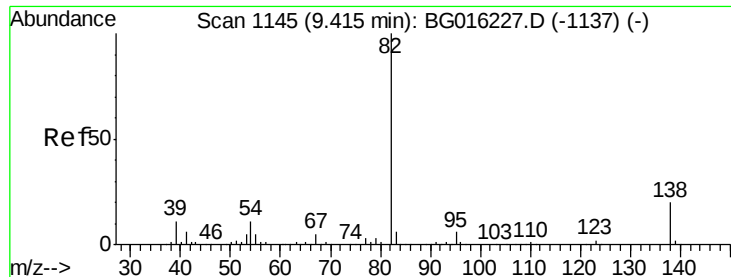
Tgt Ion: 82 Resp: 436223
 Ion Ratio Lower Upper
 82 100
 128 52.4 37.8 56.8
 54 39.1 32.6 49.0



#24
 Nitrobenzene
 Concen: 36.80 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion: 77 Resp: 224264
 Ion Ratio Lower Upper
 77 100
 123 56.0 38.8 58.2
 65 12.4 9.4 14.2





#25

Isophorone

Concen: 34.33 ng

RT: 9.38 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

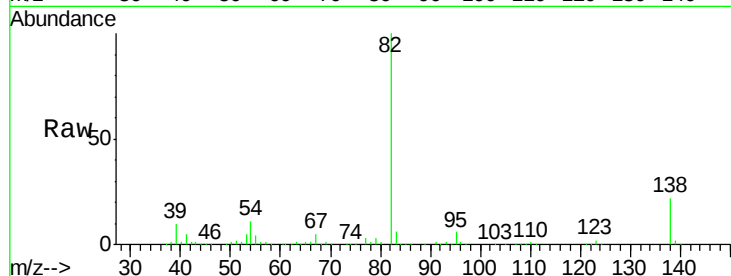
Tgt Ion: 82 Resp: 434529

Ion Ratio Lower Upper

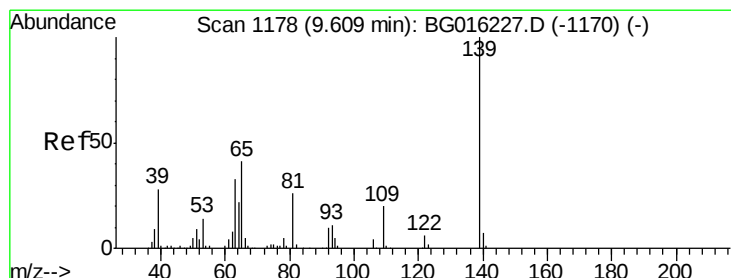
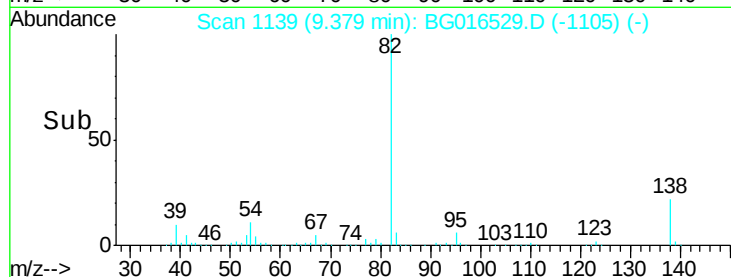
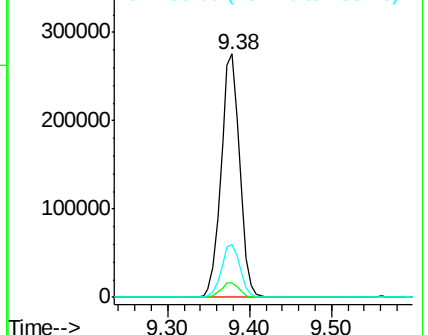
82 100

95 6.2 5.0 7.6

138 21.6 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.16 ng

RT: 9.57 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

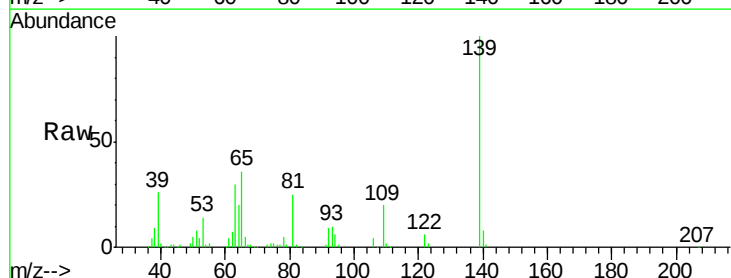
Tgt Ion: 139 Resp: 128346

Ion Ratio Lower Upper

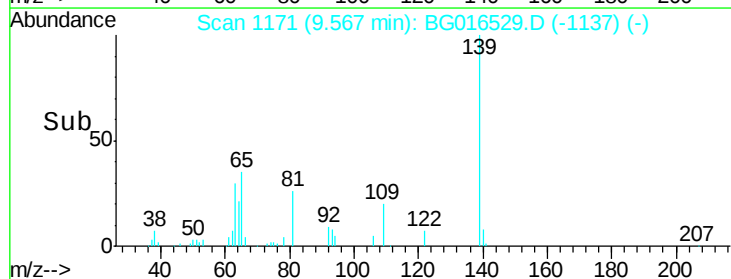
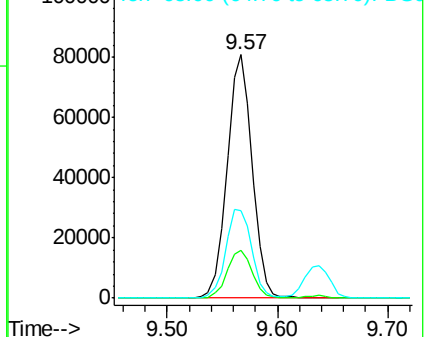
139 100

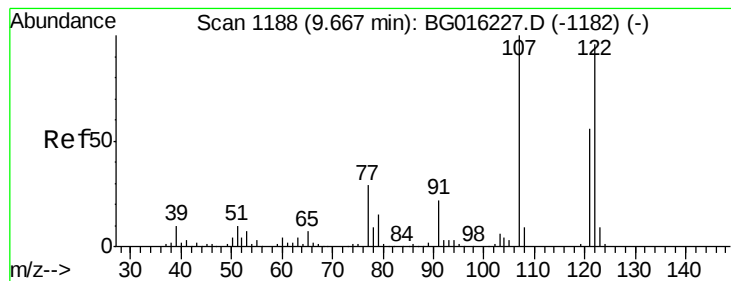
109 19.6 15.9 23.9

65 36.2 32.9 49.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 43.17 ng

RT: 9.64 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

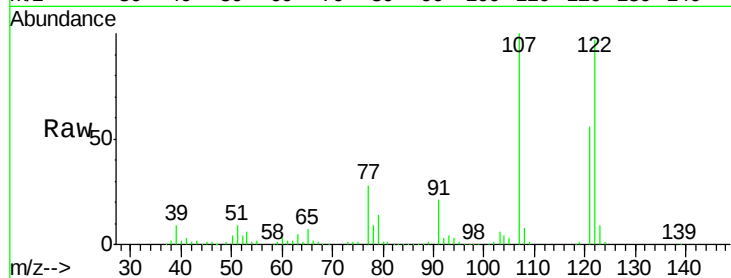
Tgt Ion: 122 Resp: 228527

Ion Ratio Lower Upper

122 100

107 103.3 83.4 125.2

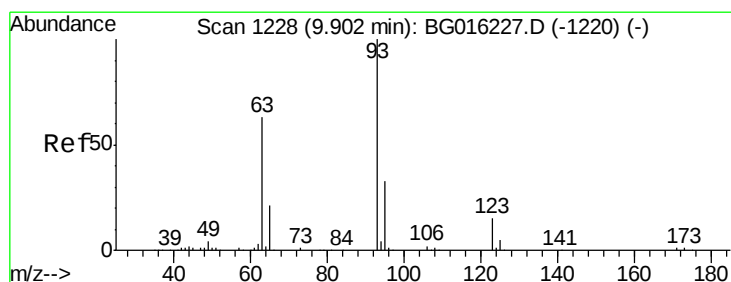
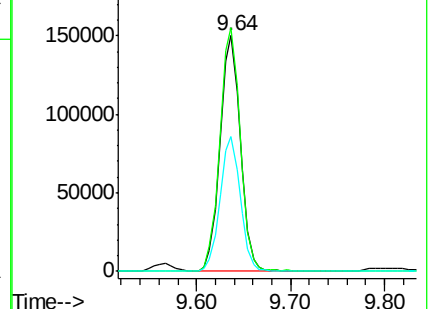
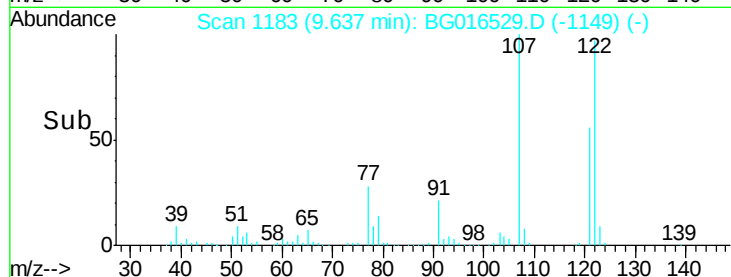
121 57.4 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.13 ng

RT: 9.86 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

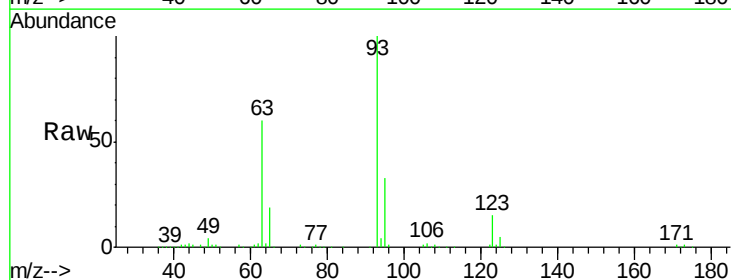
Tgt Ion: 93 Resp: 268200

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

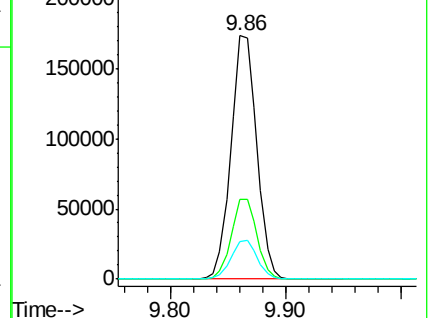
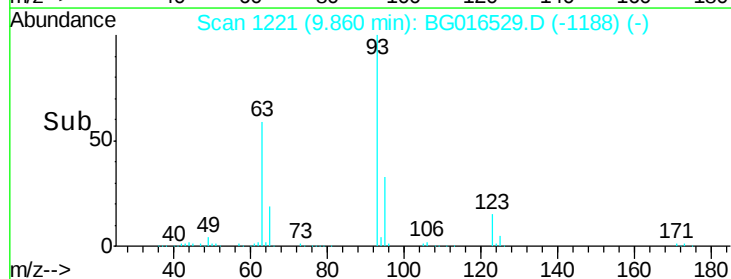
123 15.3 11.8 17.8

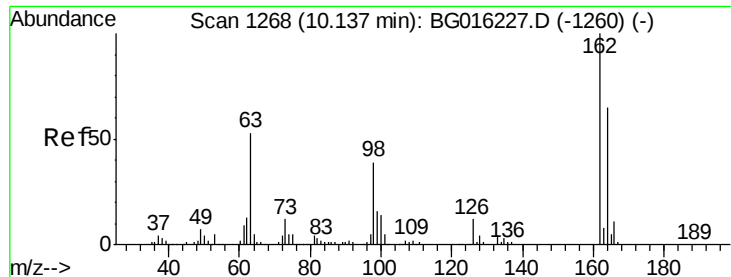


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

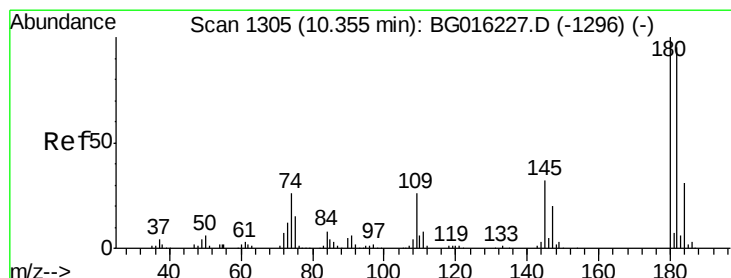
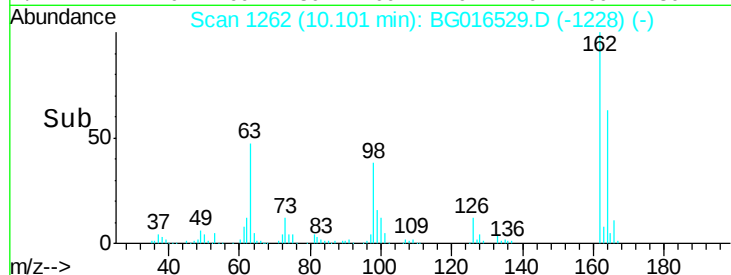
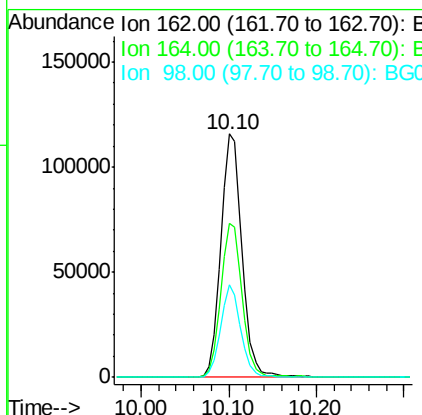
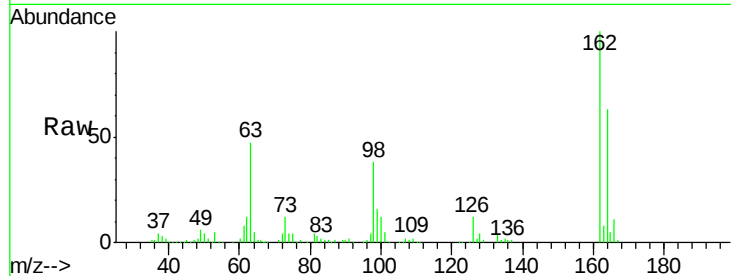




#29
2,4-Dichlorophenol
Concen: 46.49 ng
RT: 10.10 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

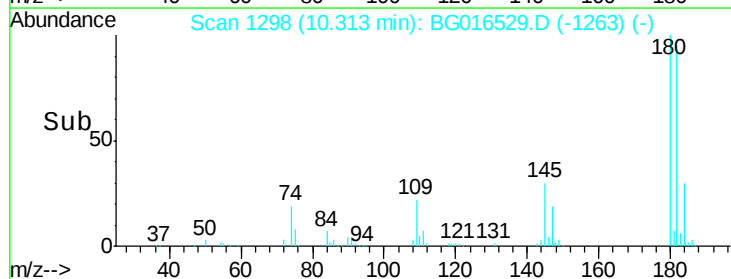
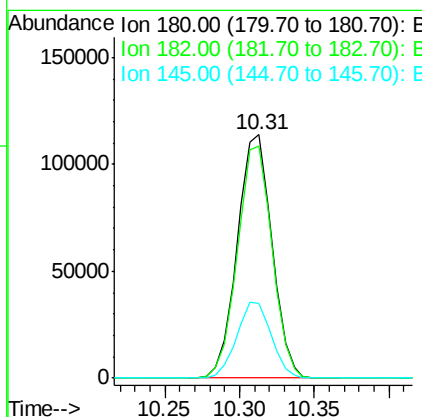
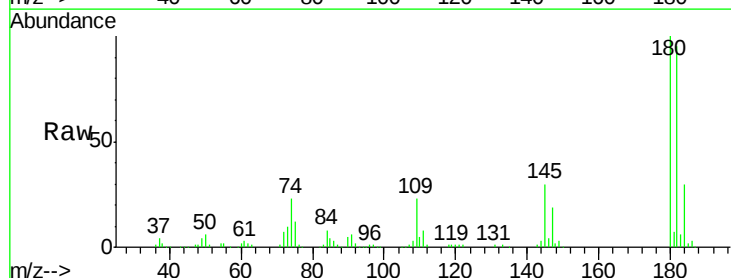
Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

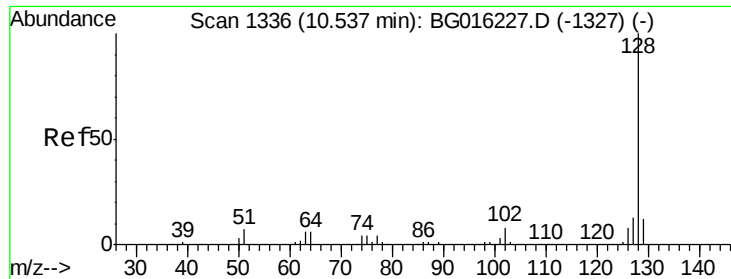
Tgt Ion:162 Resp: 194707
Ion Ratio Lower Upper
162 100
164 63.1 45.0 85.0
98 38.0 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 41.95 ng
RT: 10.31 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:180 Resp: 183452
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 30.5 25.2 37.8

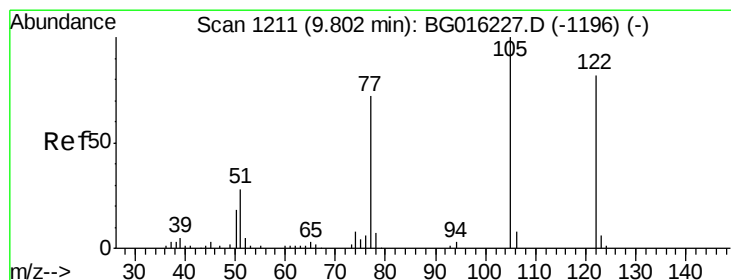
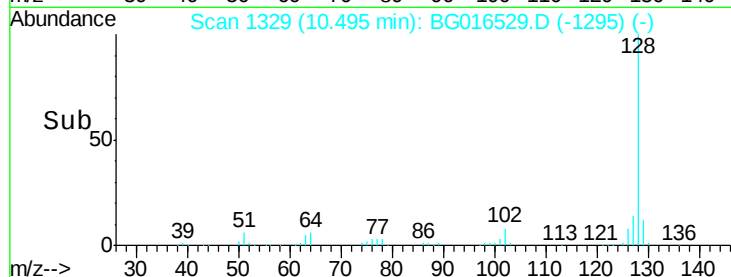
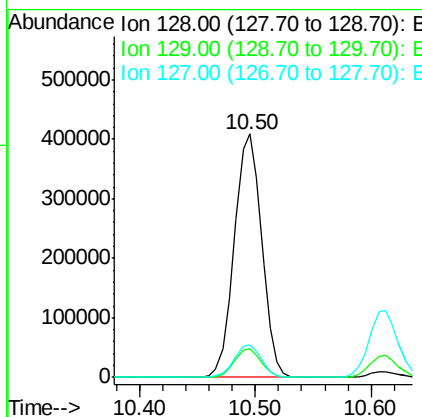
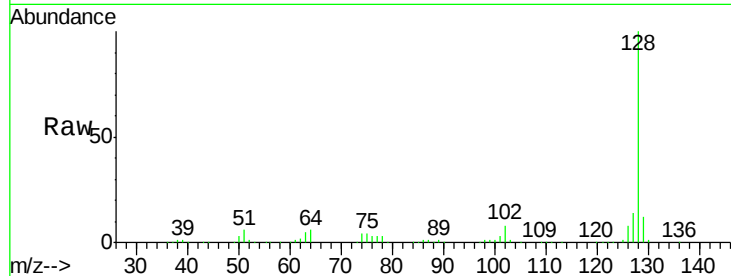




#31
Naphthalene
Concen: 38.95 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

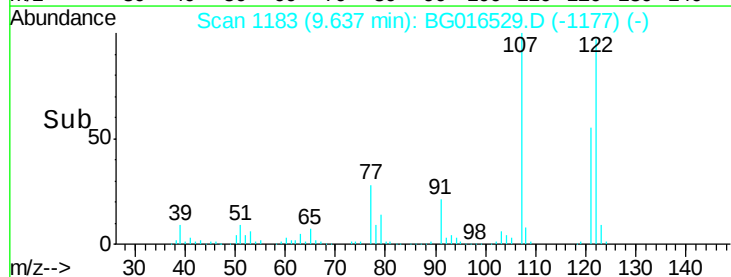
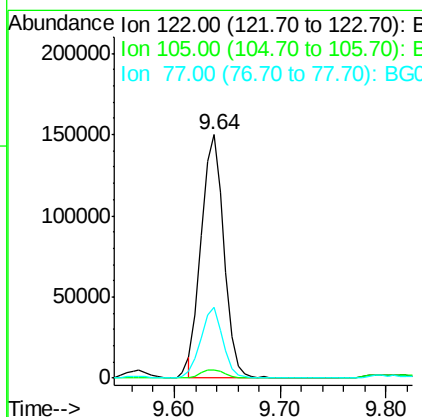
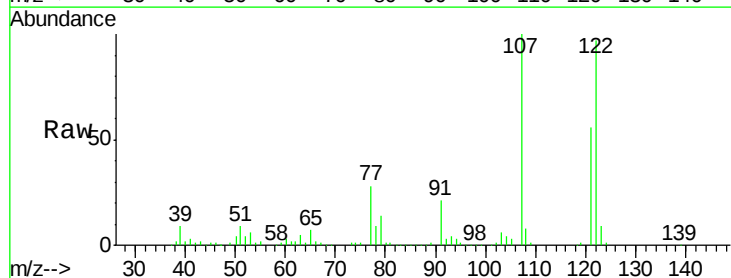
Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

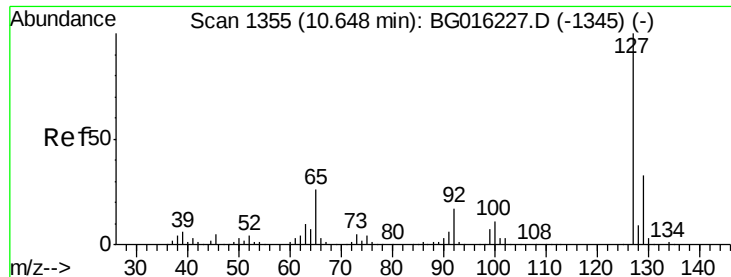
Tgt Ion:128 Resp: 670066
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 61.46 ng
RT: 9.64 min Scan# 1183
Delta R.T. -0.17 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:122 Resp: 222555
Ion Ratio Lower Upper
122 100
105 3.2 99.7 139.7#
77 29.0 66.8 106.8#

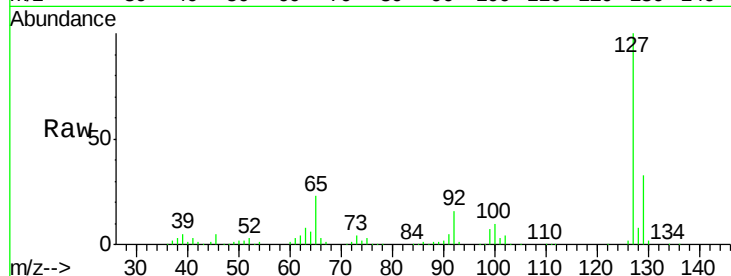




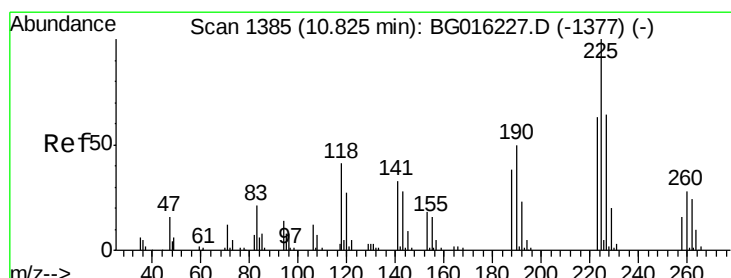
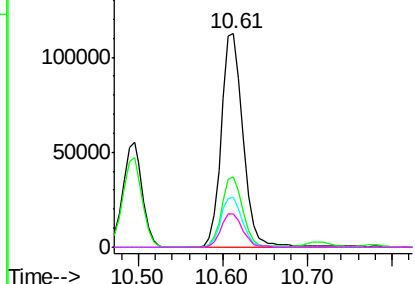
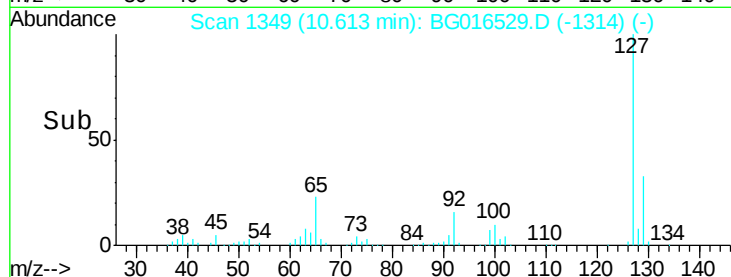
#33
4-Chloroaniline
Concen: 24.98 ng
RT: 10.61 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Instrument :
BNA_G
ClientSampleId :
LS-SB19BMS

Tgt Ion:	127	Resp:	201641
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	23.1	21.2	31.8
92	15.8	13.8	20.6

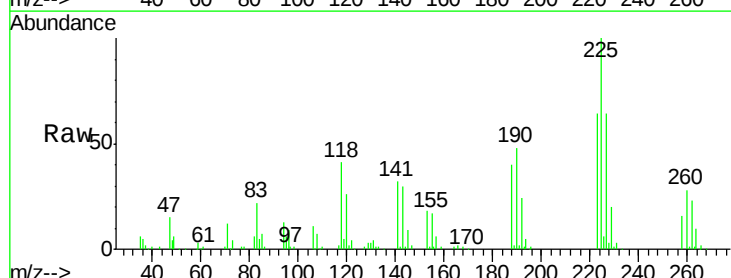


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

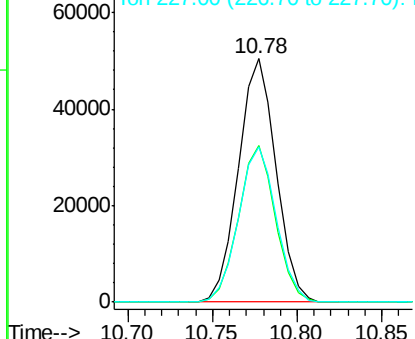
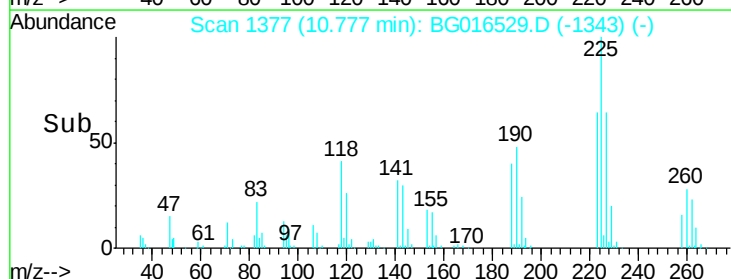


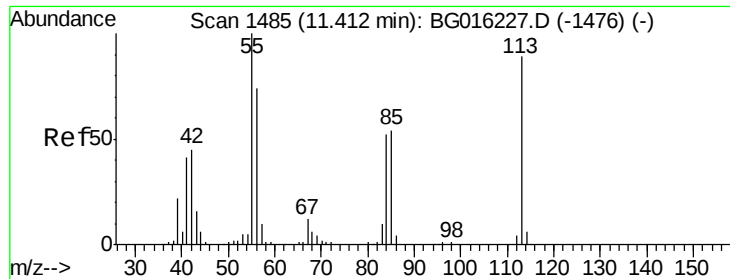
#34
Hexachlorobutadiene
Concen: 40.67 ng
RT: 10.78 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG016529.D
Acq: 18 Apr 2015 20:14

Tgt Ion:	225	Resp:	78119
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	63.7	51.2	76.8



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





#35

Caprolactam

Concen: 26.40 ng

RT: 11.38 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

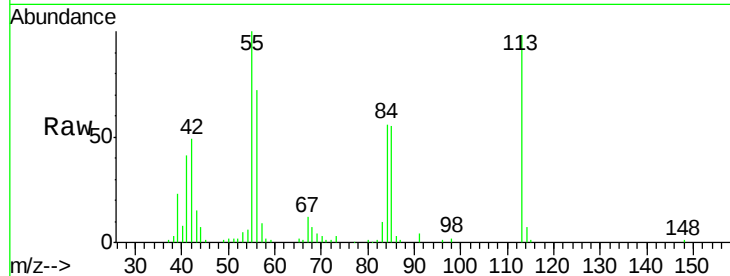
Tgt Ion:113 Resp: 69610

Ion Ratio Lower Upper

113 100

55 102.5 92.4 132.4

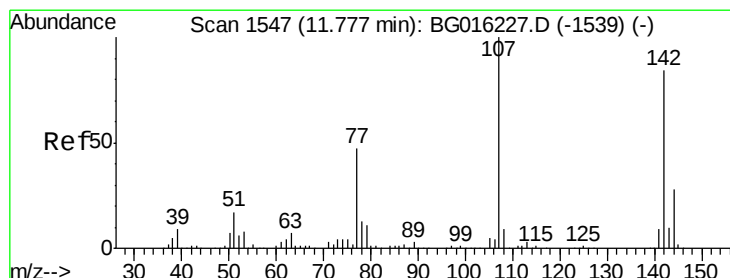
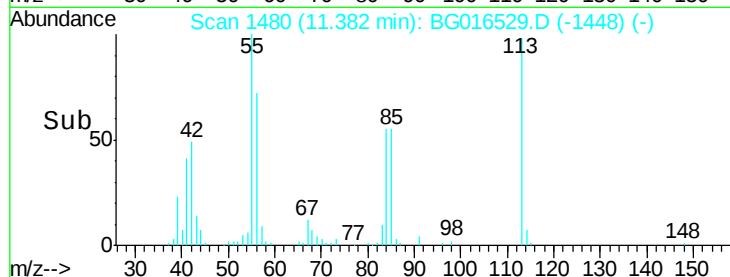
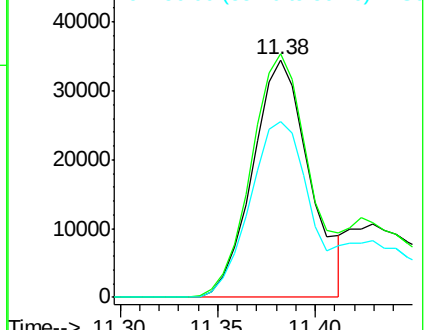
56 73.9 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.85 ng

RT: 11.75 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

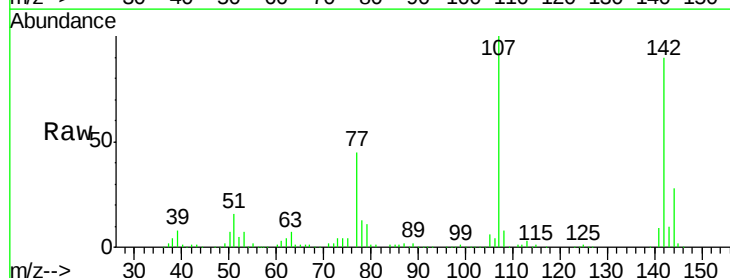
Tgt Ion:107 Resp: 226026

Ion Ratio Lower Upper

107 100

144 28.1 22.0 33.0

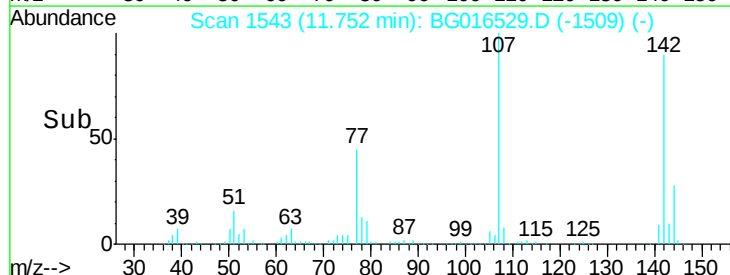
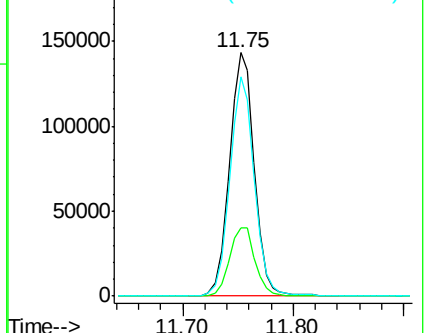
142 90.2 67.0 100.6

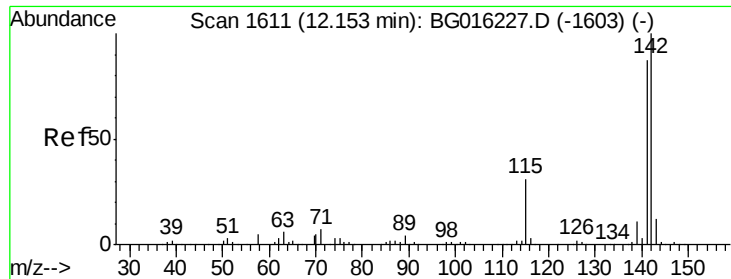


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

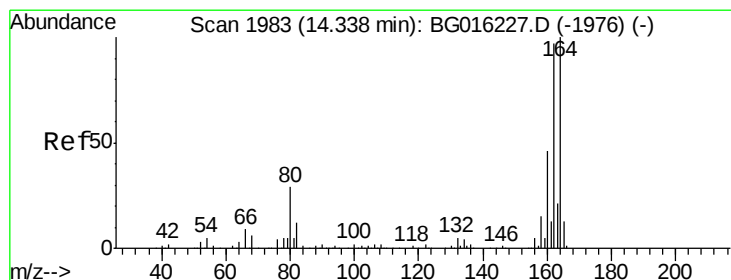
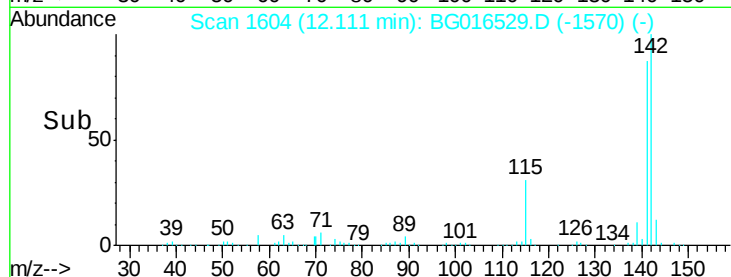
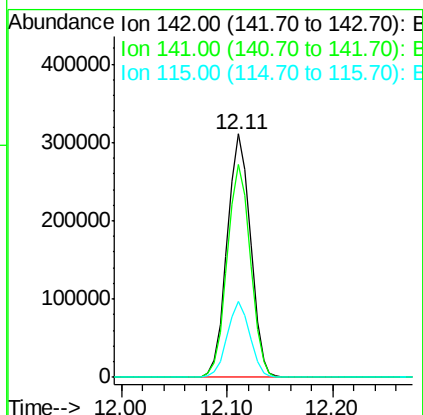
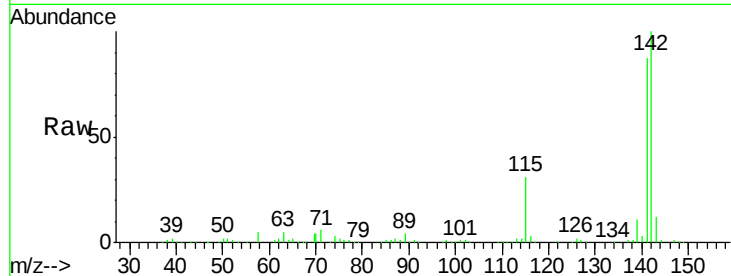




#37
 2-Methylnaphthalene
 Concen: 38.46 ng
 RT: 12.11 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

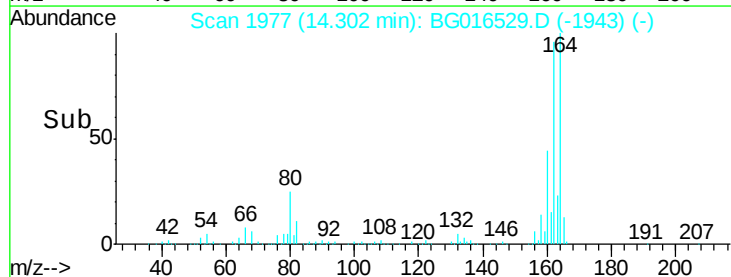
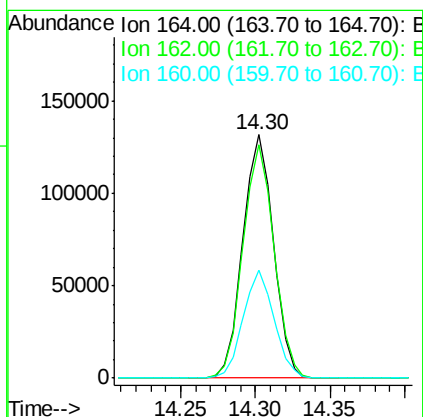
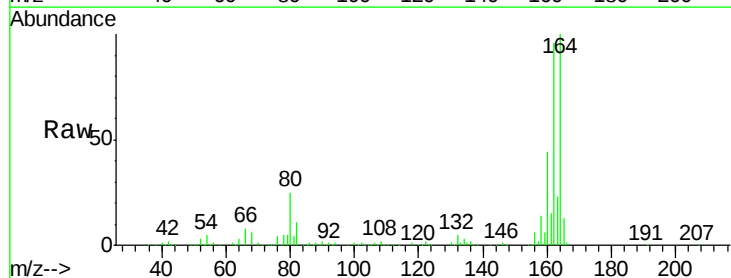
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

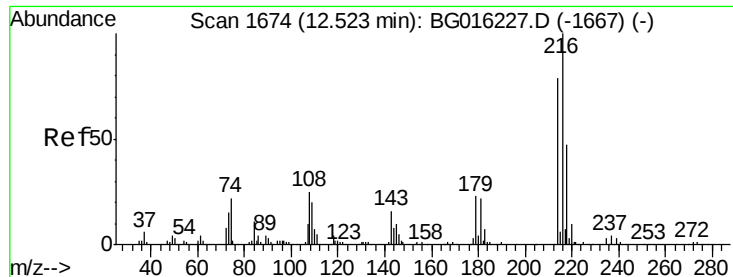
Tgt Ion:142 Resp: 475903
 Ion Ratio Lower Upper
 142 100
 141 87.4 69.3 103.9
 115 31.4 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:164 Resp: 186295
 Ion Ratio Lower Upper
 164 100
 162 95.6 77.3 115.9
 160 44.4 36.7 55.1

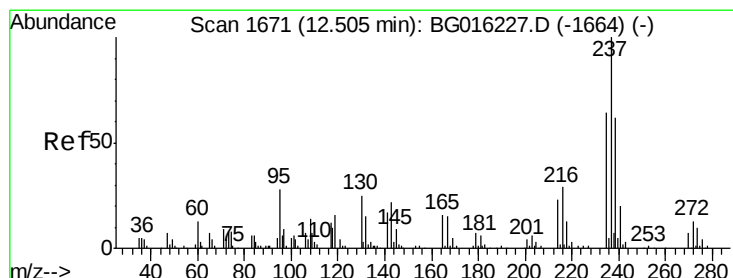
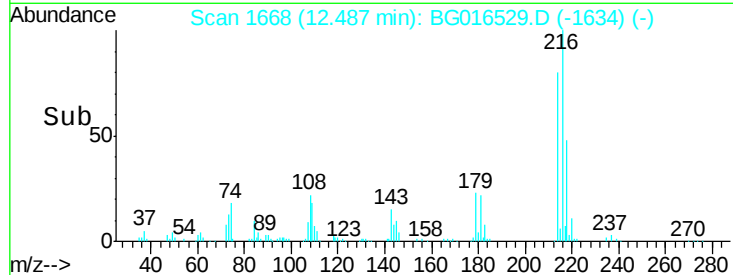
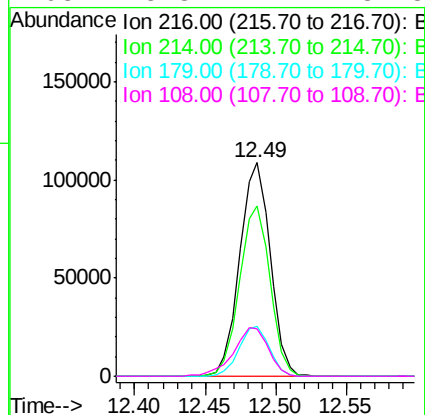
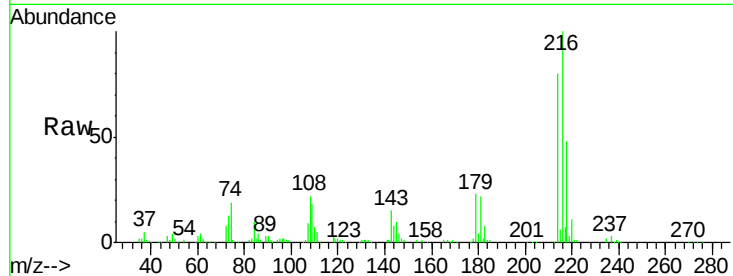




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.11 ng
 RT: 12.49 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

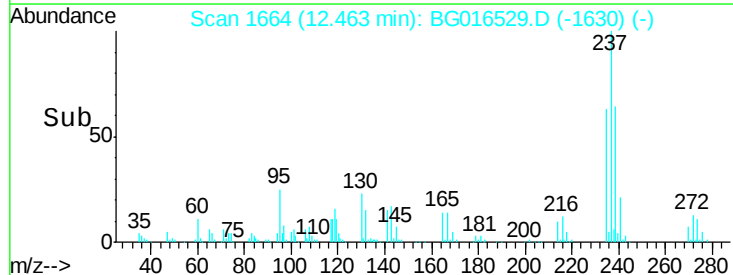
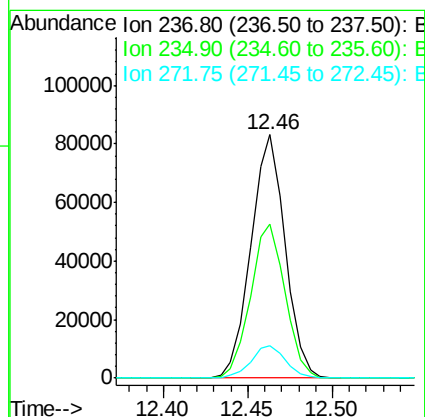
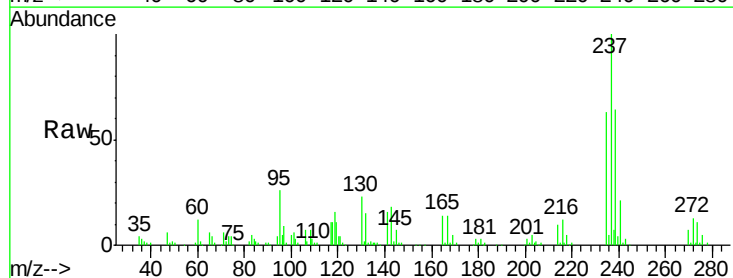
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

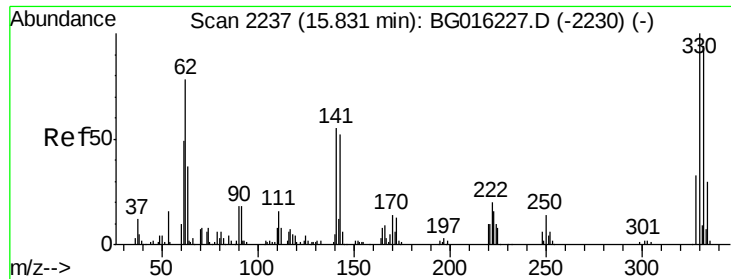
Tgt Ion:	216	Resp:	164537
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	23.1	18.2	27.2
108	25.8	21.2	31.8



#40
 Hexachlorocyclopentadiene
 Concen: 62.19 ng
 RT: 12.46 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:	237	Resp:	116748
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	13.2	0.0	33.1

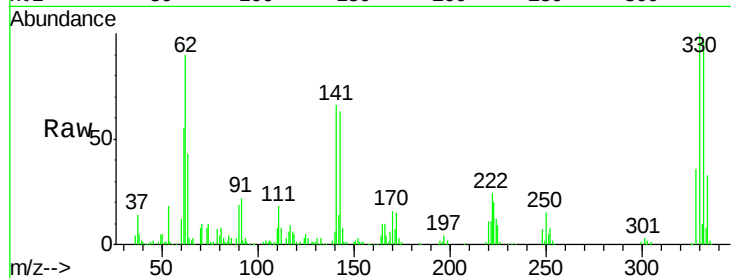




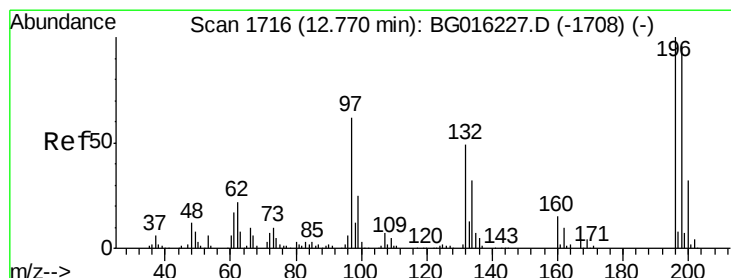
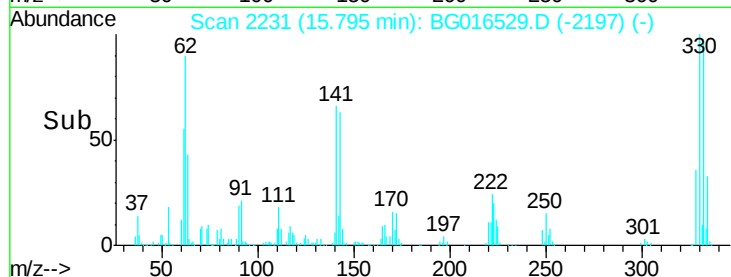
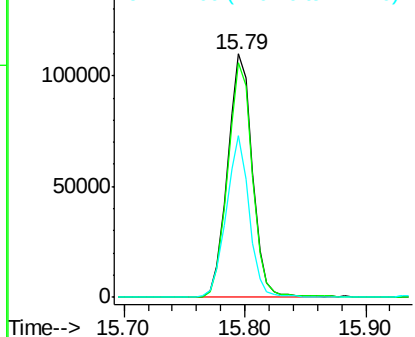
#41
 2,4,6-Tribromophenol
 Concen: 124.35 ng
 RT: 15.79 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion:330 Resp: 156667
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 61.2 46.6 69.8

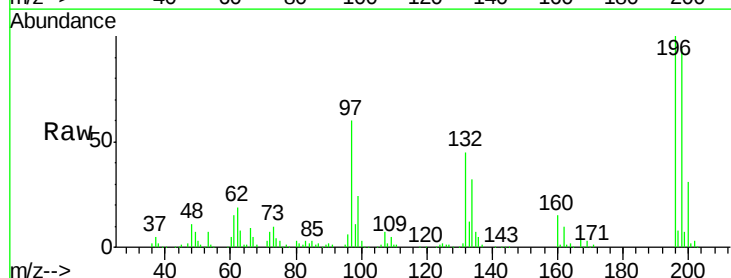


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

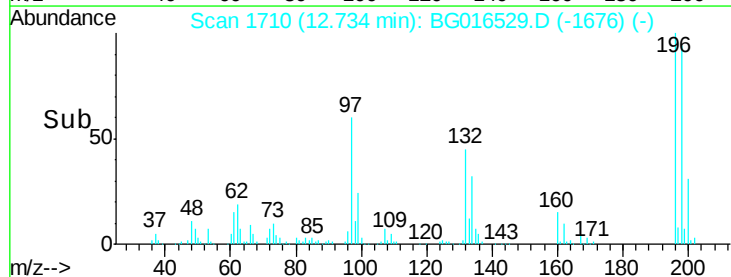
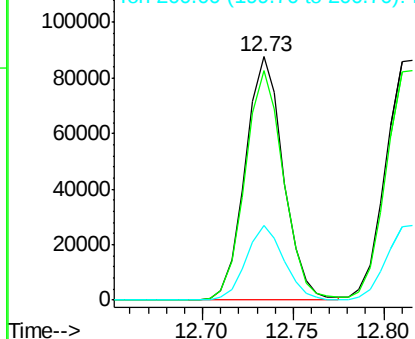


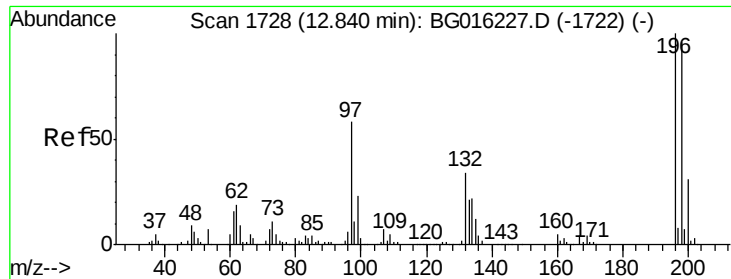
#42
 2,4,6-Trichlorophenol
 Concen: 42.07 ng
 RT: 12.73 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:196 Resp: 128216
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.2 115.8
 200 30.8 25.3 37.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

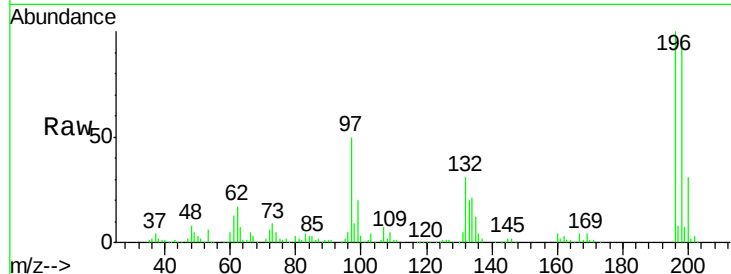




#43
 2,4,5-Trichlorophenol
 Concen: 43.28 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion	Resp	Lower	Upper
196	140943		
198	95.9	77.1	115.7
97	49.8	46.6	69.8
132	31.2	27.0	40.6



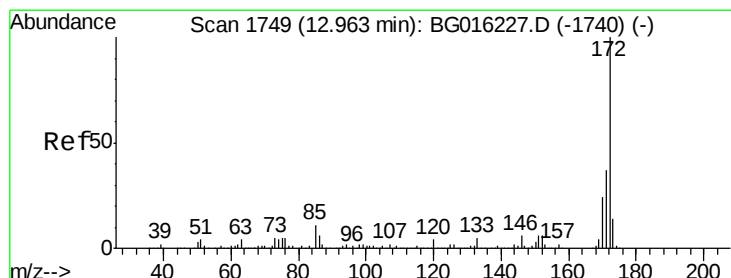
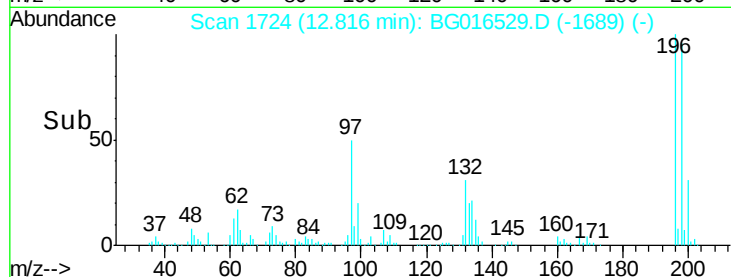
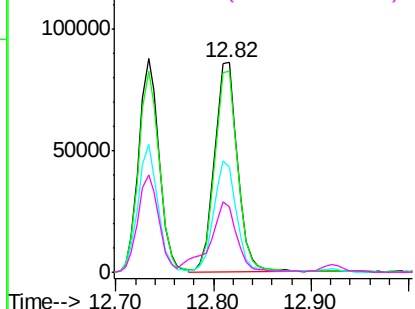
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

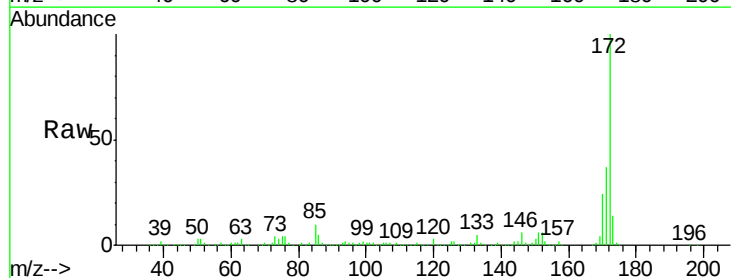
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.78 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion	Resp	Lower	Upper
172	840078		
171	37.0	29.6	44.4
170	24.3	19.4	29.2

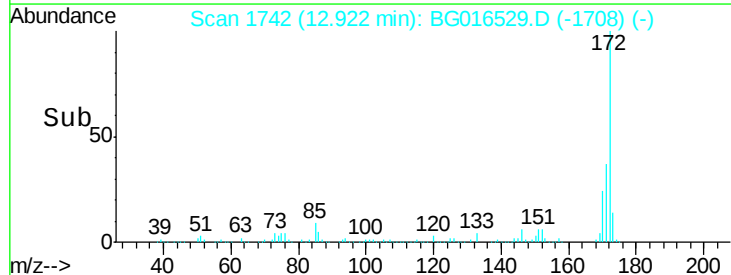
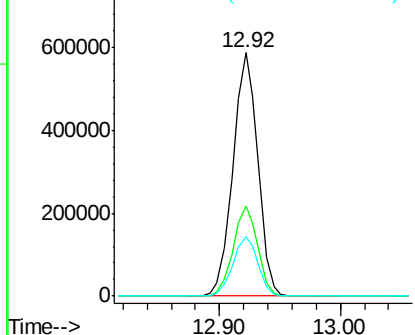


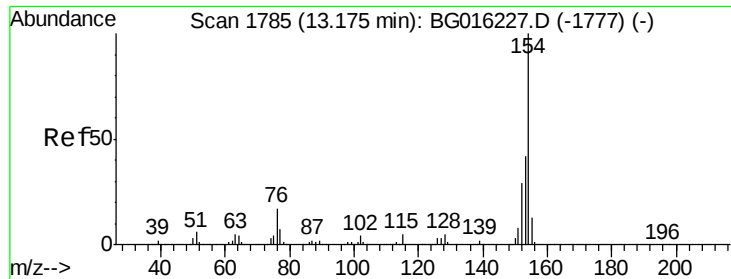
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

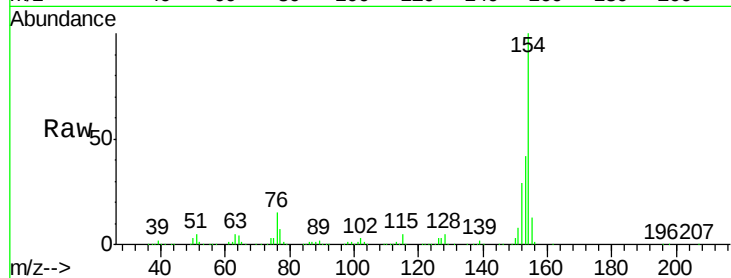




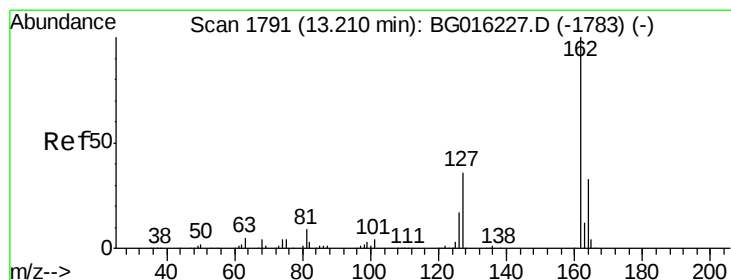
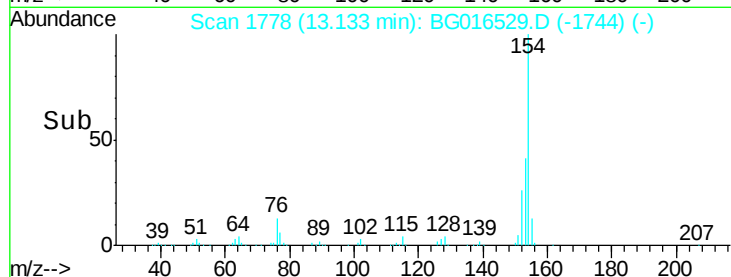
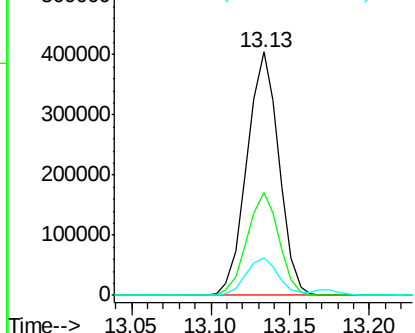
#45
 1,1'-Biphenyl
 Concen: 39.74 ng
 RT: 13.13 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

Tgt Ion:154 Resp: 567952
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.4 62.4
 76 15.4 0.0 37.1

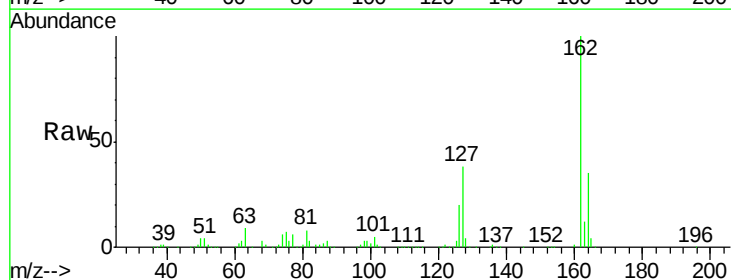


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

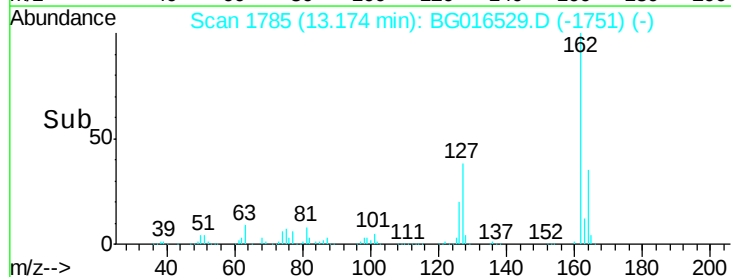
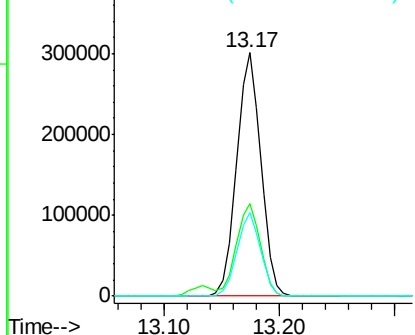


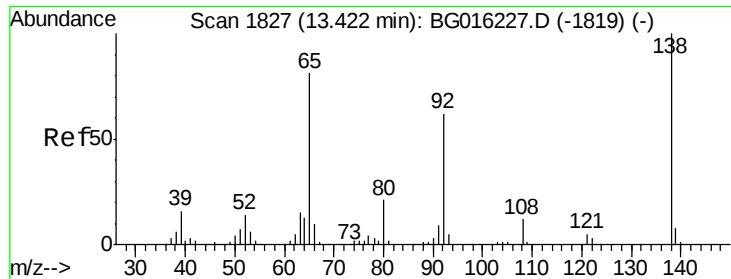
#46
 2-Chloronaphthalene
 Concen: 40.06 ng
 RT: 13.17 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion:162 Resp: 436093
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.8 46.2
 164 34.6 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

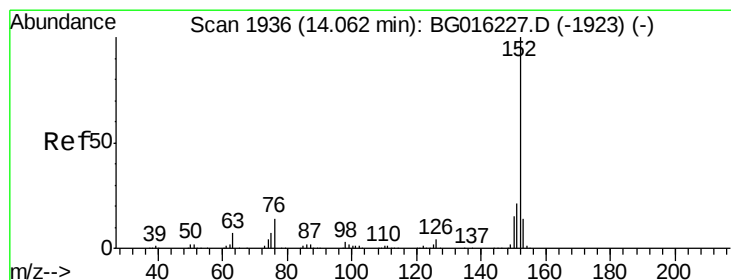
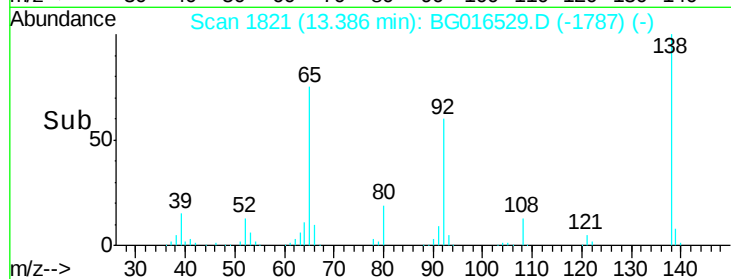
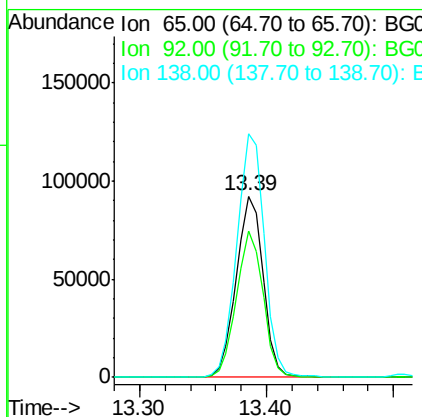
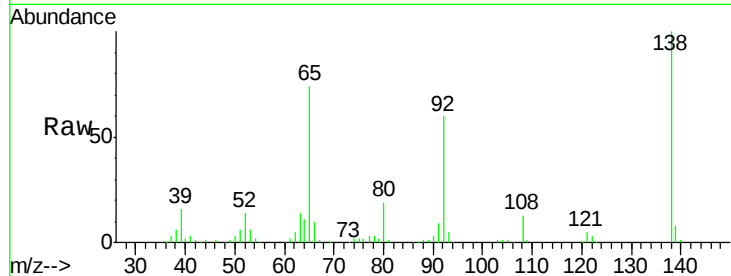




#47
 2-Nitroaniline
 Concen: 38.63 ng
 RT: 13.39 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

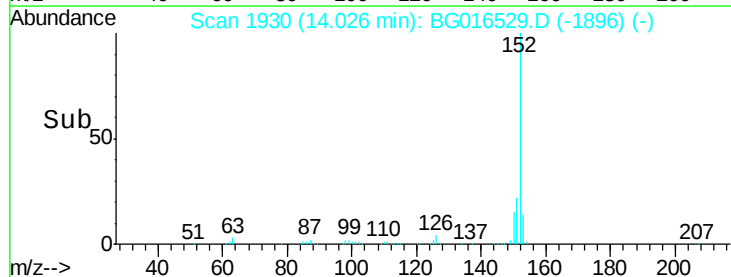
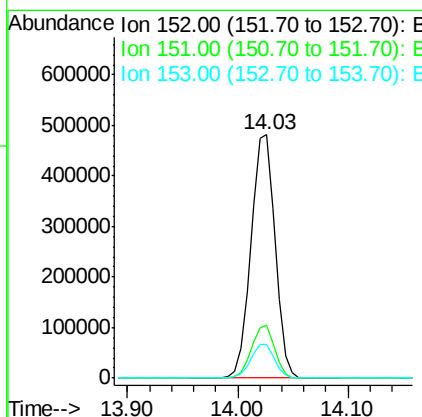
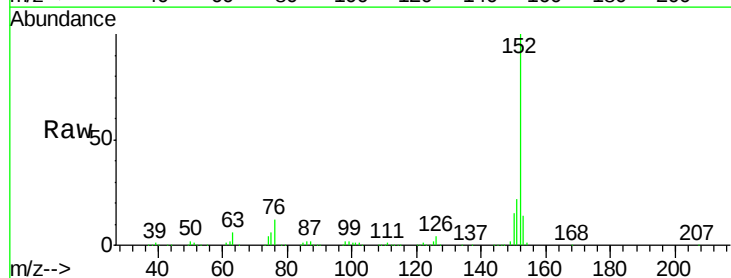
Instrument :
 BNA_G
 ClientSampleId :
 LS-SB19BMS

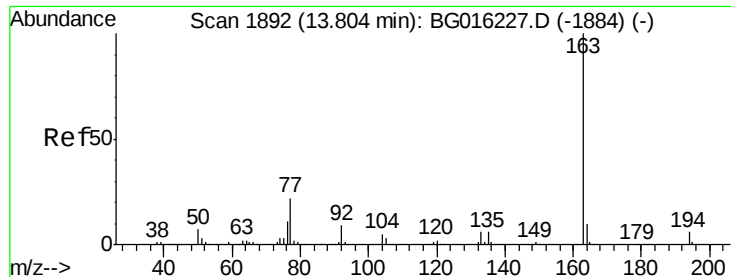
Tgt Ion: 65 Resp: 135564
 Ion Ratio Lower Upper
 65 100
 92 80.6 61.0 91.6
 138 134.6 98.7 148.1



#48
 Acenaphthylene
 Concen: 38.20 ng
 RT: 14.03 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BG016529.D
 Acq: 18 Apr 2015 20:14

Tgt Ion: 152 Resp: 739568
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.5 24.7
 153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 43.01 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

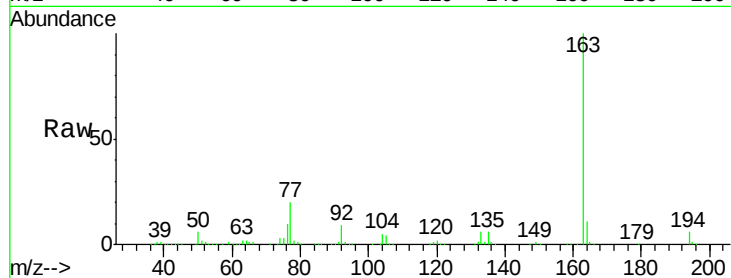
Tgt Ion:163 Resp: 587303

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

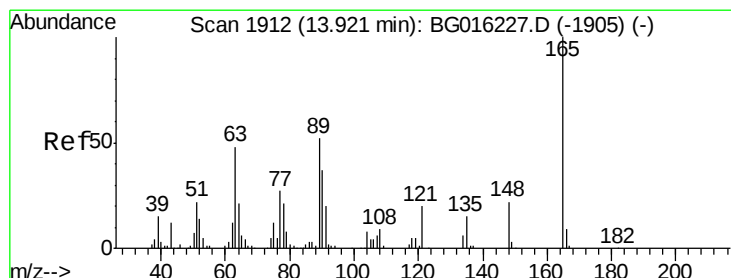
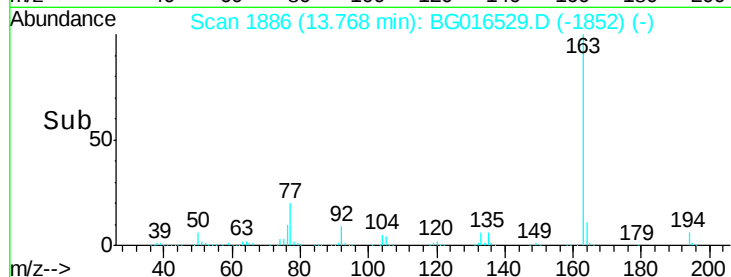
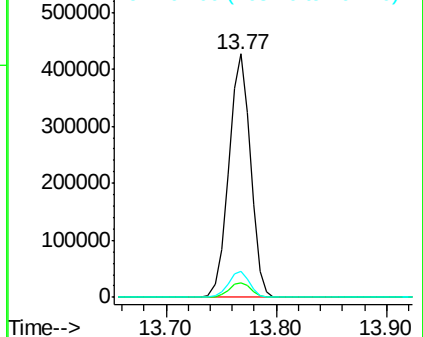
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.32 ng

RT: 13.89 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

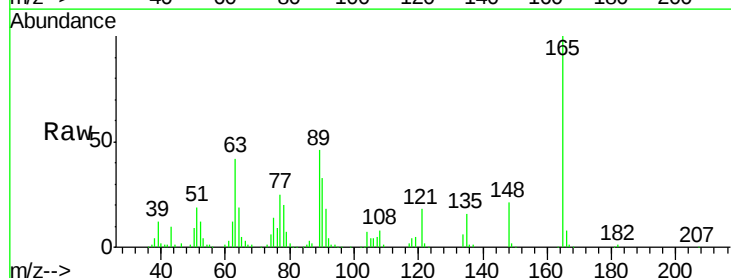
Tgt Ion:165 Resp: 136453

Ion Ratio Lower Upper

165 100

63 42.1 39.3 58.9

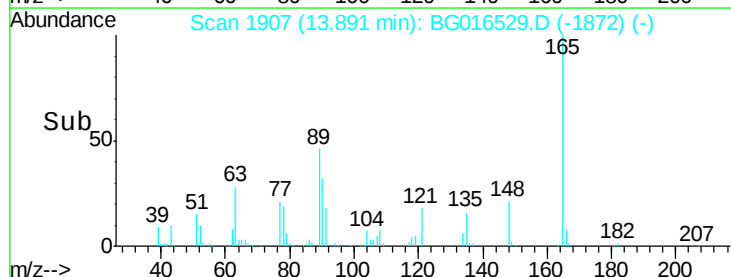
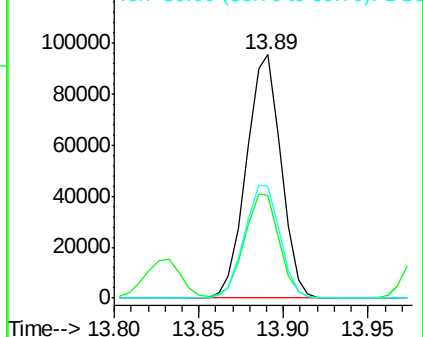
89 46.2 41.3 61.9

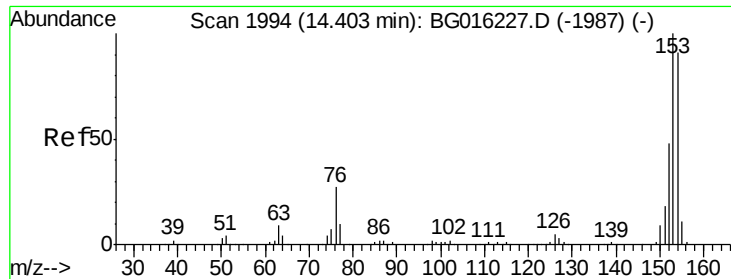


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.43 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

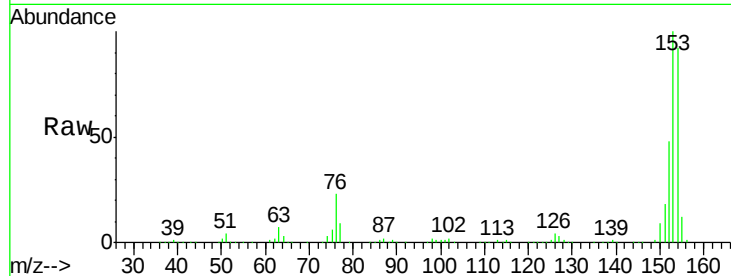
Tgt Ion:154 Resp: 444515

Ion Ratio Lower Upper

154 100

153 108.9 87.5 131.3

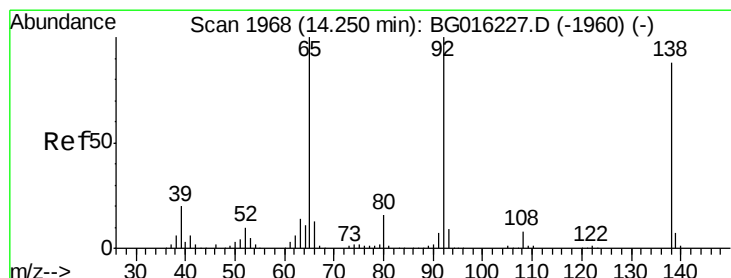
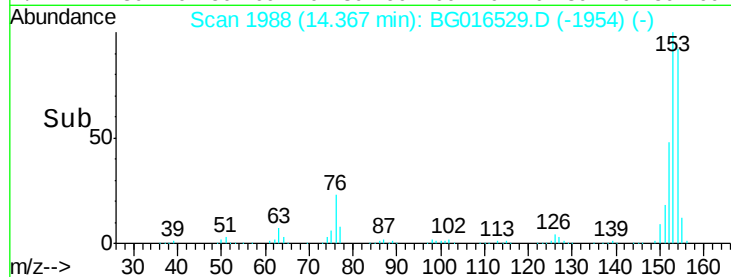
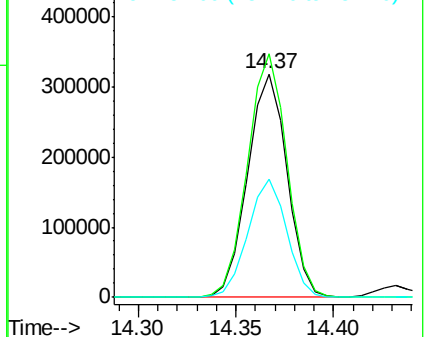
152 52.6 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.00 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

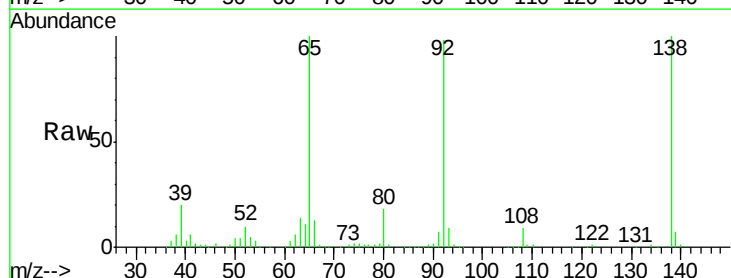
Tgt Ion:138 Resp: 126517

Ion Ratio Lower Upper

138 100

108 8.6 7.4 11.0

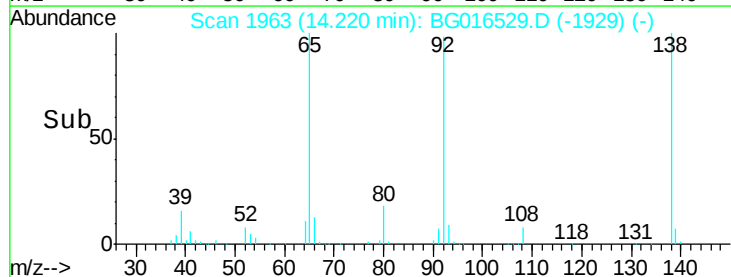
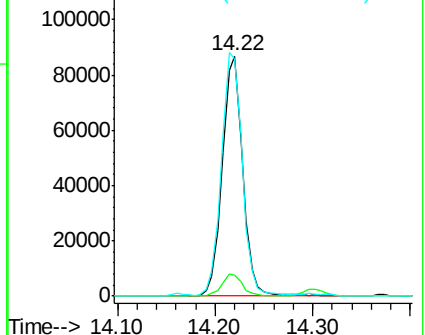
92 98.7 91.4 137.0

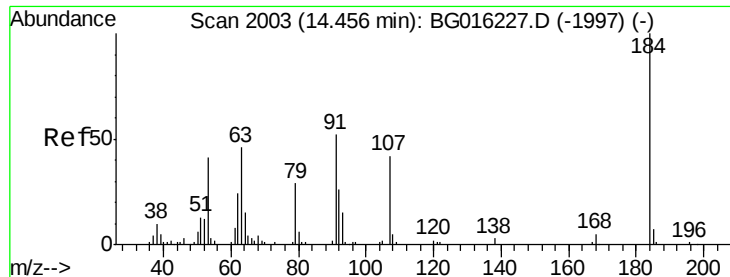


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 37.15 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

Instrument :

BNA_G

ClientSampleId :

LS-SB19BMS

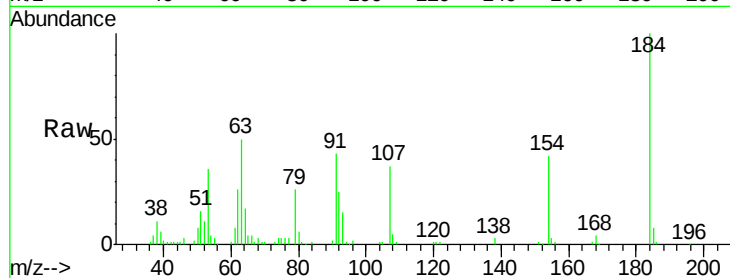
Tgt Ion:184 Resp: 61567

Ion Ratio Lower Upper

184 100

63 50.1 45.8 68.6

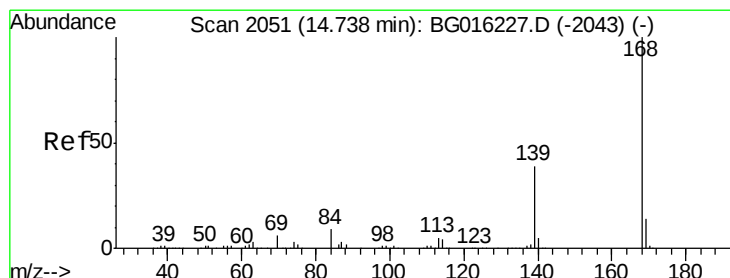
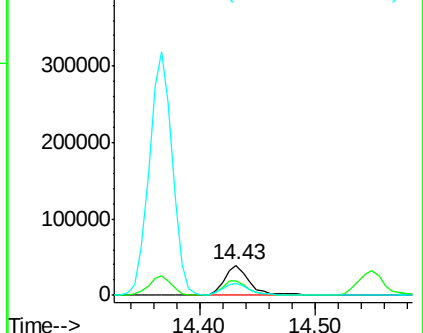
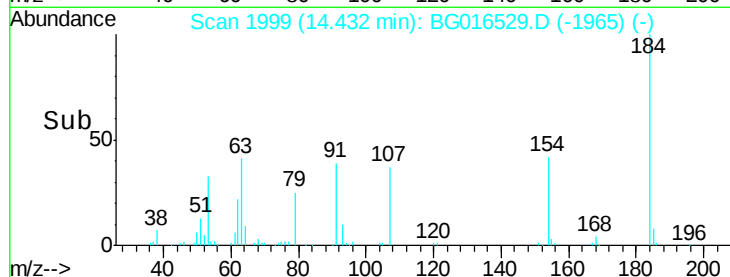
154 41.7 34.5 51.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.96 ng

RT: 14.70 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG016529.D

Acq: 18 Apr 2015 20:14

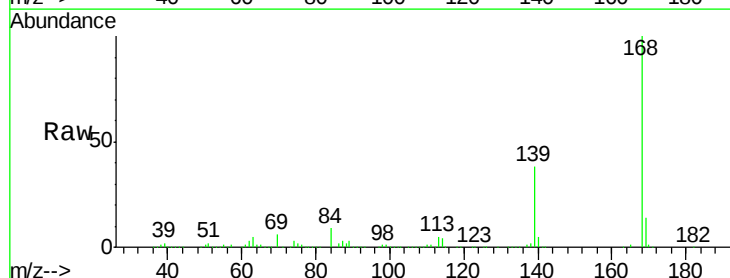
Tgt Ion:168 Resp: 641494

Ion Ratio Lower Upper

168 100

139 38.4 31.0 46.6

169 13.9 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

