

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
 Data File : BG016844.D
 Acq On : 1 May 2015 14:44
 Operator : TP/IZ
 Sample : PB83075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Quant Time: May 02 00:11:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	51184	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	230546	20.00	ng	0.00
38) Acenaphthene-d10	13.95	164	124880	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	163953	20.00	ng	0.00
75) Chrysene-d12	20.91	240	163662	20.00	ng	0.00
86) Perylene-d12	22.98	264	211032	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.86	112	435836	156.85	ng	0.00
7) Phenol-d6	6.49	99	602313	154.43	ng	0.01
23) Nitrobenzene-d5	8.42	82	312030	88.17	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	138374	148.78	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	741965	91.99	ng	0.00
78) Terphenyl-d14	19.36	244	616600	90.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	41945m	35.25	ng	
3) Pyridine	3.11	79	115067	34.44	ng	95
4) n-Nitrosodimethylamine	3.05	42	44396	45.53	ng	# 77
6) Aniline	6.60	93	142017	26.93	ng	97
8) 2-Chlorophenol	6.83	128	164103	46.46	ng	96
9) Benzaldehyde	6.42	77	5161	2.32	ng	92
10) Phenol	6.51	94	190804	47.70	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	134183	42.05	ng	97
12) 1,3-Dichlorobenzene	7.14	146	152320	40.48	ng	96
13) 1,4-Dichlorobenzene	7.30	146	159863	41.57	ng	98
14) 1,2-Dichlorobenzene	7.61	146	155689	42.26	ng	99
15) Benzyl Alcohol	7.52	79	115865	47.67	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.81	45	139607	49.56	ng	97
17) 2-Methylphenol	7.74	107	133097	46.19	ng	96
18) Hexachloroethane	8.32	117	60184	44.37	ng	96
19) n-Nitroso-di-n-propylamine	8.08	70	102985	41.32	ng	95
20) 3+4-Methylphenols	8.08	107	181721	45.91	ng	# 76
22) Acetophenone	8.09	105	211481	45.72	ng	# 95
24) Nitrobenzene	8.47	77	147878	44.23	ng	94
25) Isophorone	8.98	82	292699	41.54	ng	97
26) 2-Nitrophenol	9.17	139	87430	41.23	ng	95
27) 2,4-Dimethylphenol	9.26	122	155188	44.24	ng	96
28) bis(2-Chloroethoxy)methane	9.48	93	184985	45.04	ng	98
29) 2,4-Dichlorophenol	9.71	162	140110	45.96	ng	95
30) 1,2,4-Trichlorobenzene	9.90	180	131838	40.85	ng	98
31) Naphthalene	10.08	128	476196	41.39	ng	99
32) Benzoic acid	9.43	122	56464	32.46	ng	93
33) 4-Chloroaniline	10.22	127	66795	13.37	ng	96
34) Hexachlorobutadiene	10.37	225	61189	41.79	ng	95
35) Caprolactam	10.99	113	61453	36.76	ng	89
36) 4-Chloro-3-methylphenol	11.38	107	144643	42.11	ng	98
37) 2-Methylnaphthalene	11.71	142	350677	41.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.10	216	129990	45.83	ng	98
40) Hexachlorocyclopentadiene	12.07	237	98392	96.44	ng	98

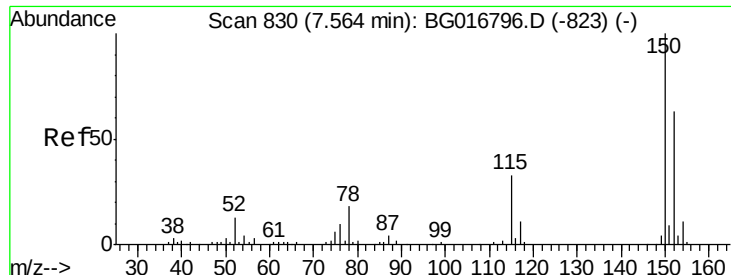
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	91301	42.58	nq	98
43) 2,4,5-Trichlorophenol	12.45	196	96431	44.32	nq	94
45) 1,1'-Biphenyl	12.77	154	433089	47.20	nq	99
46) 2-Chloronaphthalene	12.80	162	328071	46.33	nq	98
47) 2-Nitroaniline	13.03	65	85296	48.24	nq	86
48) Acenaphthylene	13.66	152	550388	43.72	nq	99
49) Dimethylphthalate	13.42	163	376477	42.06	nq	99
50) 2,6-Dinitrotoluene	13.55	165	91175	41.60	nq	# 89
51) Acenaphthene	14.01	154	326447	43.59	nq	97
52) 3-Nitroaniline	13.88	138	67617	27.30	nq	99
53) 2,4-Dinitrophenol	14.10	184	92897	80.91	nq	95
54) Dibenzofuran	14.35	168	480342	45.03	nq	97
55) 4-Nitrophenol	14.23	139	153349	86.21	nq	87
56) 2,4-Dinitrotoluene	14.35	165	126329	42.32	nq	# 79
57) Fluorene	15.00	166	415290	44.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.59	232	77516	46.90	nq	98
59) Diethylphthalate	14.80	149	379803	41.03	nq	98
60) 4-Chlorophenyl-phenylether	15.00	204	172470	43.58	nq	96
61) 4-Nitroaniline	15.06	138	99158	39.66	nq	92
62) Azobenzene	15.30	77	381070	49.76	nq	94
64) 4,6-Dinitro-2-methylphenol	15.12	198	63349	58.94	nq	93
65) n-Nitrosodiphenylamine	15.23	169	351977	66.21	nq	97
66) 4-Bromophenyl-phenylether	15.90	248	87133	66.17	nq	99
67) Hexachlorobenzene	16.01	284	68905	50.02	nq	93
68) Atrazine	16.19	200	65632	42.41	nq	96
69) Pentachlorophenol	16.37	266	59696	88.08	nq	99
70) Phenanthrene	16.74	178	399885	45.09	nq	99
71) Anthracene	16.83	178	412157	46.47	nq	99
72) Carbazole	17.12	167	422394	48.69	nq	99
73) Di-n-butylphthalate	17.69	149	511183	47.64	nq	98
74) Fluoranthene	18.77	202	431701	45.28	nq	99
76) Benzidine	18.98	184	111439	17.70	nq	100
77) Pyrene	19.14	202	459270	42.92	nq	99
79) Butylbenzylphthalate	20.07	149	243249	45.62	nq	94
80) Benzo(a)anthracene	20.90	228	421257	44.56	nq	98
81) 3,3'-Dichlorobenzidine	20.84	252	110982	34.49	nq	99
82) Chrysene	20.95	228	398156	44.53	nq	99
83) Bis(2-ethylhexyl)phthalate	20.85	149	339423	45.24	nq	95
84) Di-n-octyl phthalate	21.68	149	579394	45.69	nq	# 96
85) Indeno(1,2,3-cd)pyrene	25.03	276	606179	59.55	nq	98
87) Benzo(b)fluoranthene	22.37	252	518699	43.17	nq	99
88) Benzo(k)fluoranthene	22.41	252	535597	45.52	nq	99
89) Benzo(a)pyrene	22.90	252	520793	45.77	nq	100
90) Dibenzo(a,h)anthracene	25.05	278	503729	43.89	nq	98
91) Benzo(g,h,i)perylene	25.66	276	500110	43.35	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

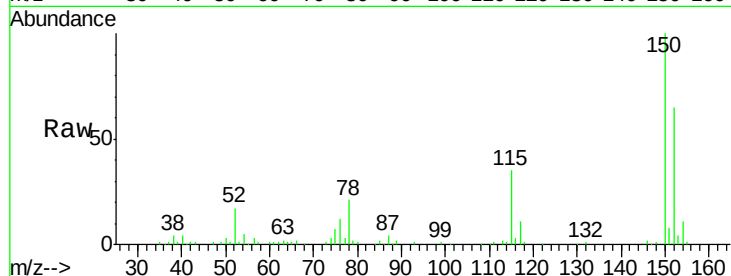
Tot Ion:152 Resp: 51184

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.4

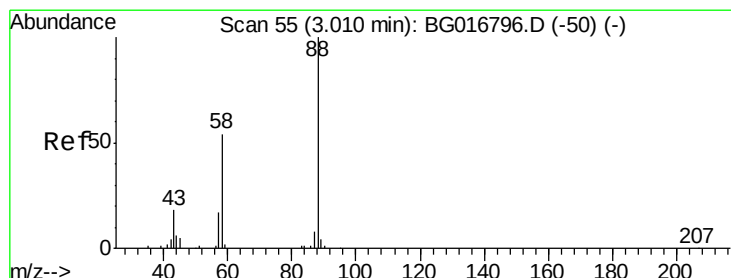
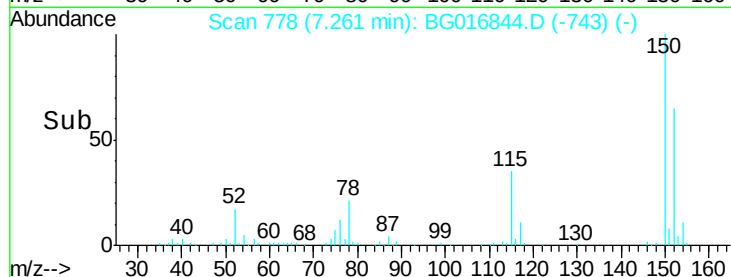
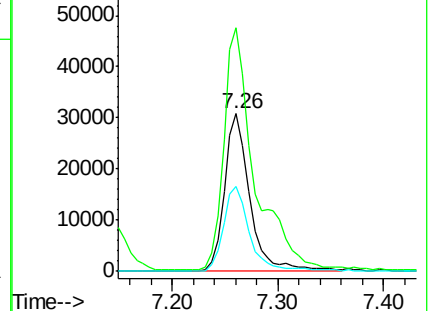
115 54.2 41.1 61.7



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: 35.25 ng m

RT: 2.72 min Scan# 5

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

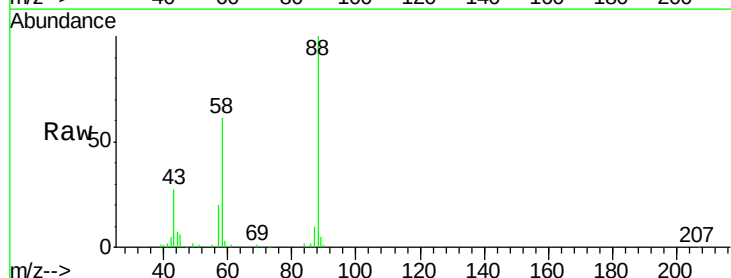
Tgt Ion: 88 Resp: 41945

Ion Ratio Lower Upper

88 100

58 58.0 44.8 67.2

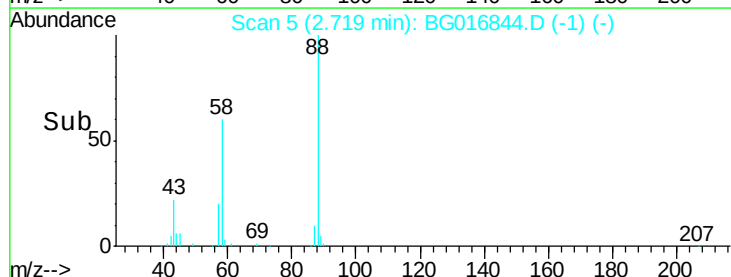
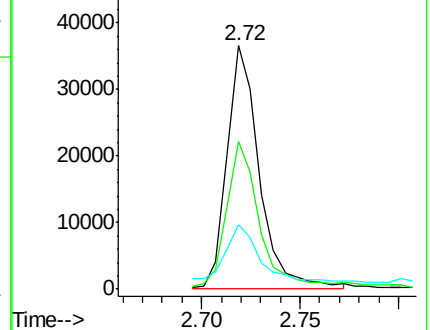
43 24.3 16.2 24.4

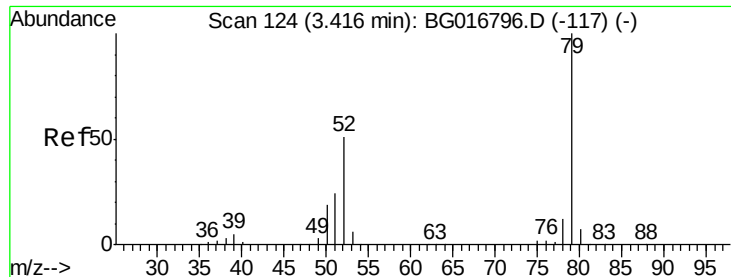


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.44 ng

RT: 3.11 min Scan# 72

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

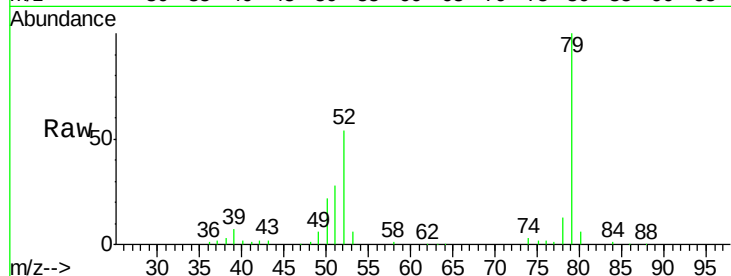
Tot Ion: 79 Resp: 115067

Ion Ratio Lower Upper

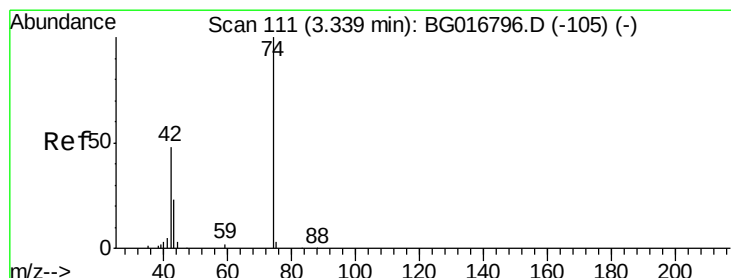
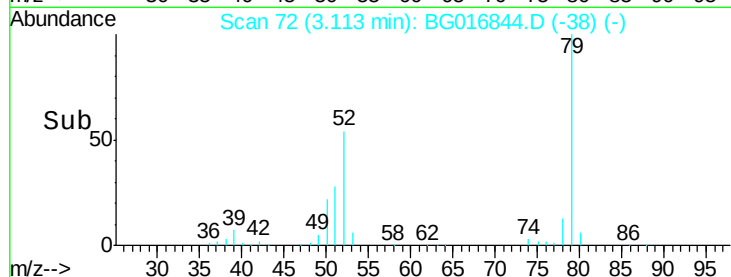
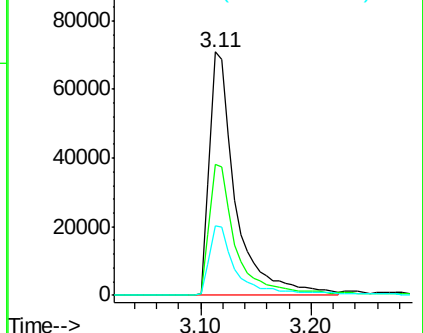
79 100

52 54.1 41.0 61.6

51 28.4 20.2 30.4



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



#4

n-Nitrosodimethylamine

Concen: 45.53 ng

RT: 3.05 min Scan# 61

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

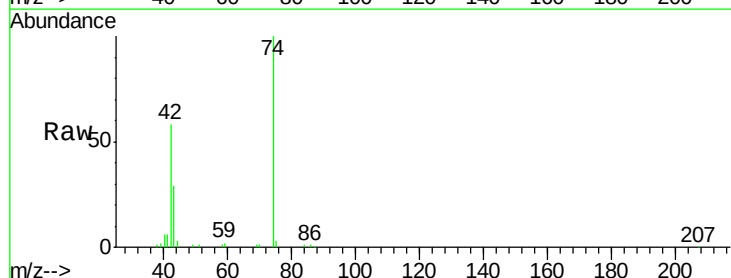
Tgt Ion: 42 Resp: 44396

Ion Ratio Lower Upper

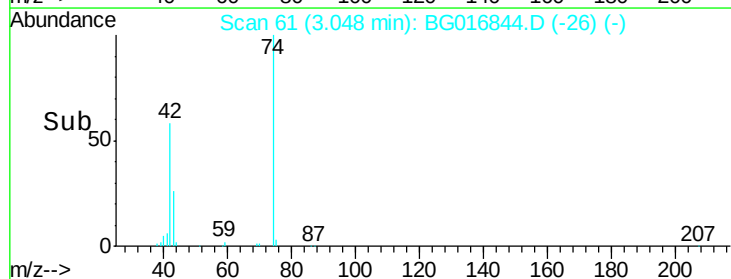
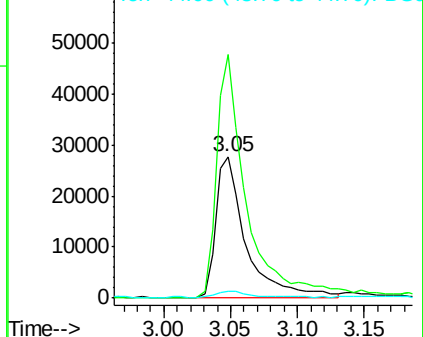
42 100

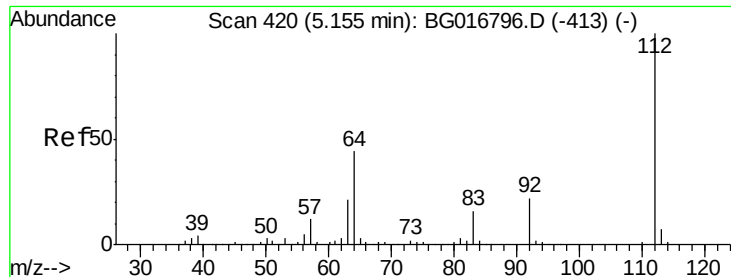
74 172.3 167.7 251.5

44 5.0 5.0 7.6#



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





#5

2-Fluorophenol

Concen: 156.85 ng

RT: 4.86 min Scan# 370

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

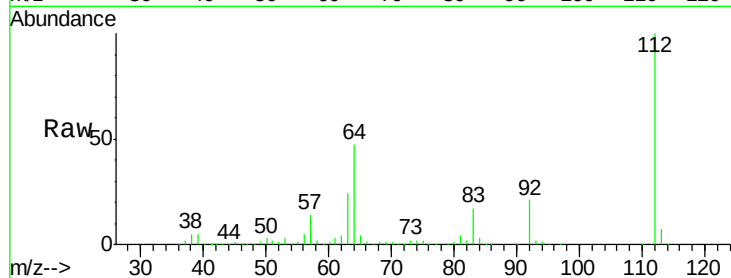
Tot Ion:112 Resp: 435836

Ion Ratio Lower Upper

112 100

64 47.0 35.5 53.3

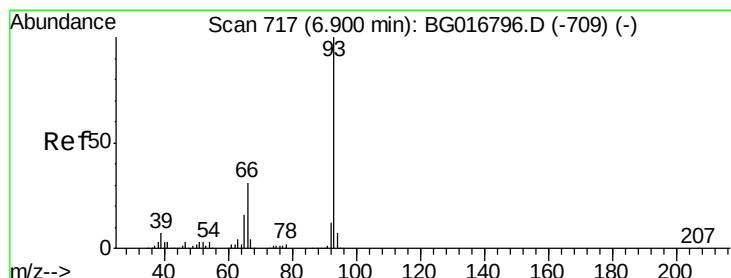
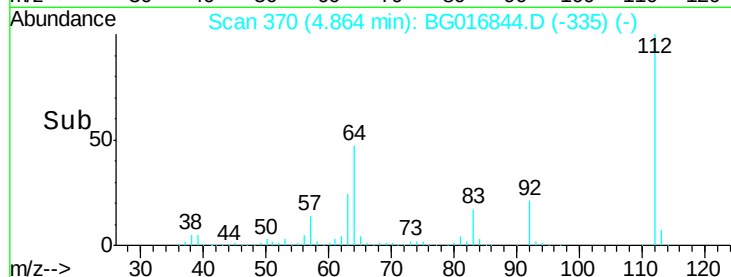
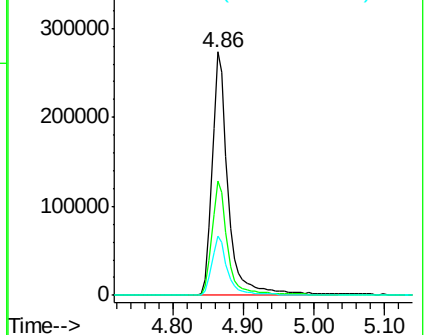
63 24.5 17.2 25.8



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: 26.93 ng

RT: 6.60 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

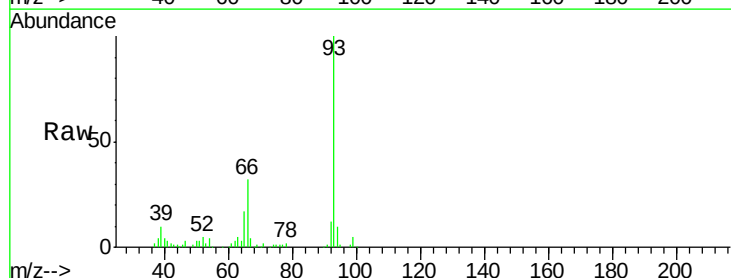
Tgt Ion: 93 Resp: 142017

Ion Ratio Lower Upper

93 100

66 32.2 24.6 37.0

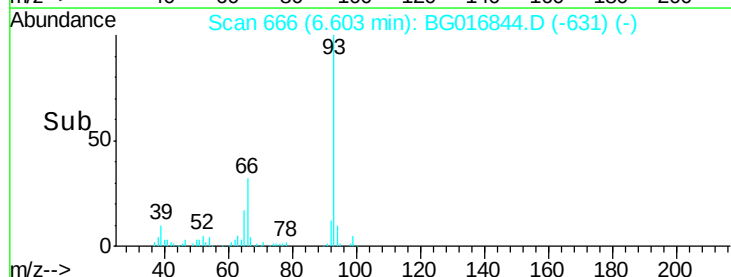
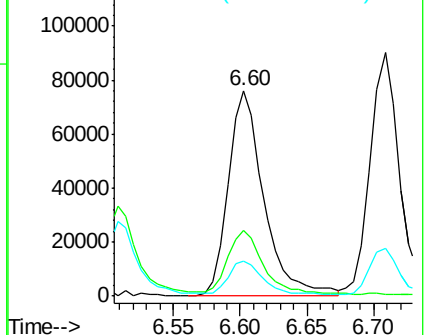
65 17.1 12.5 18.7

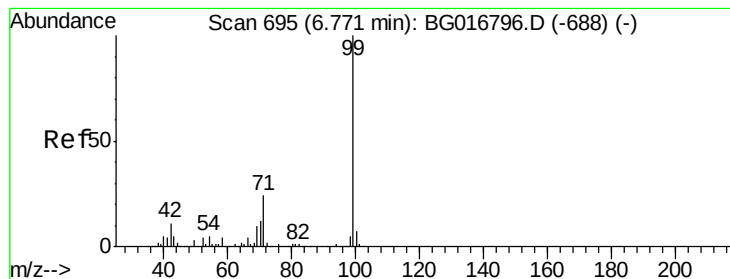


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.43 ng

RT: 6.49 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

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ClientSampleId :

PB83075BS

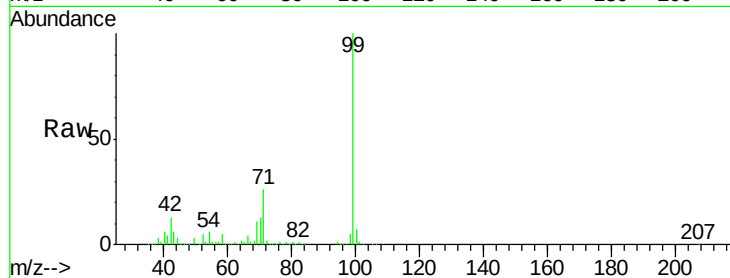
Tot Ion: 99 Resp: 602313

Ion Ratio Lower Upper

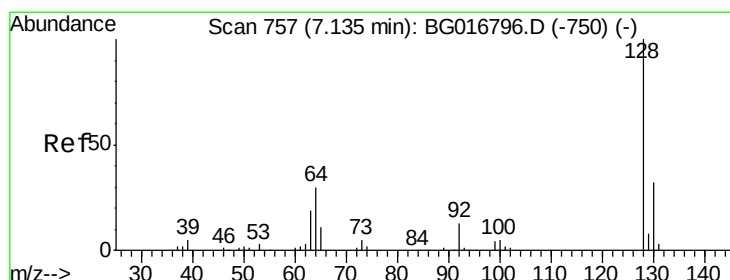
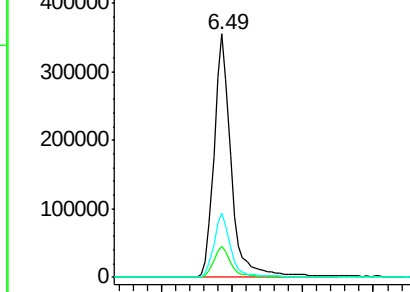
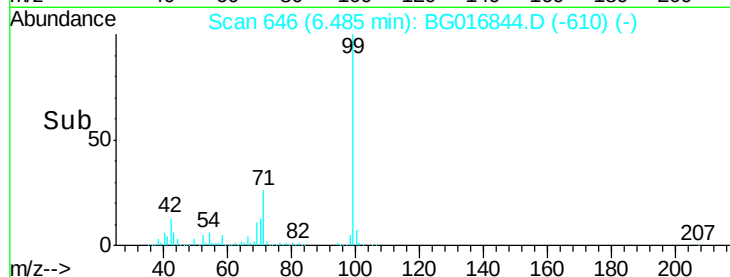
99 100

42 12.7 8.9 13.3

71 26.3 19.0 28.6



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: 46.46 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

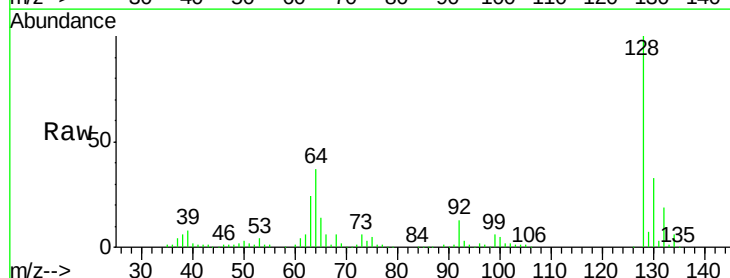
Tgt Ion: 128 Resp: 164103

Ion Ratio Lower Upper

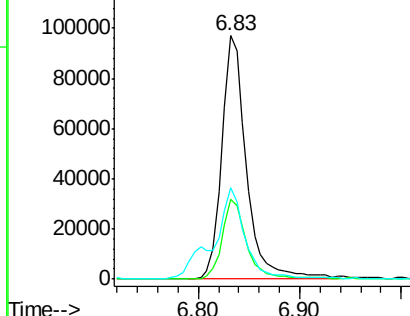
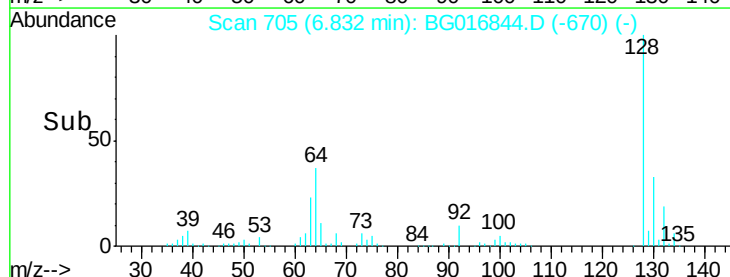
128 100

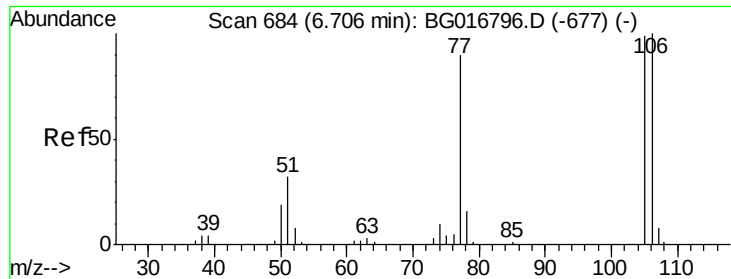
130 32.5 12.4 52.4

64 37.5 13.4 53.4



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

Benzaldehyd

Concen: 2.32 ng

RT: 6.42 min Scan# 635

Delta R.T. 0.02 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

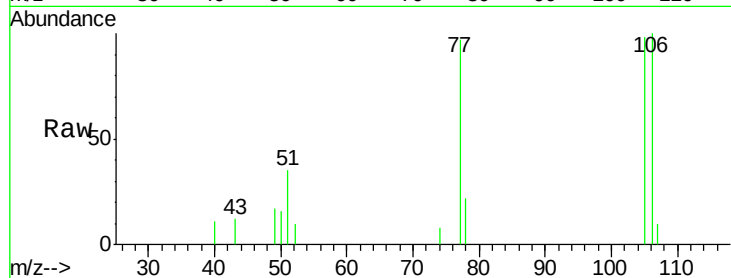
Tot Ion: 77 Resp: 5161

Ion Ratio Lower Upper

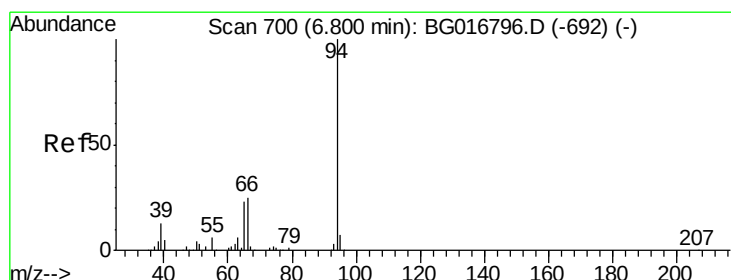
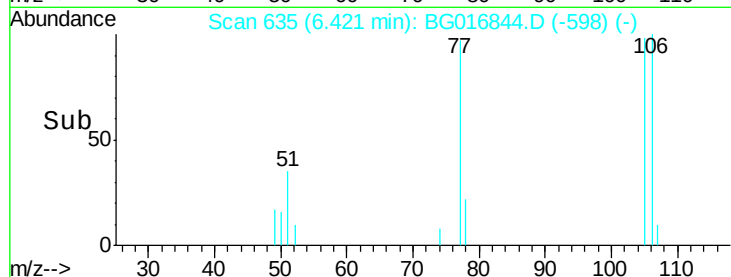
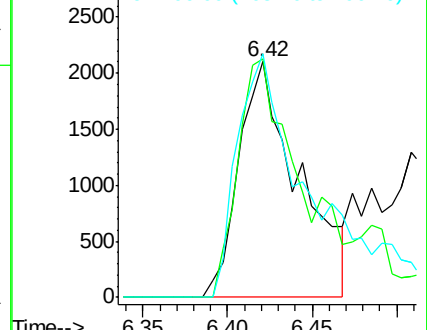
77 100

105 101.1 89.9 129.9

106 103.5 91.2 131.2



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



#10

Phenol

Concen: 47.70 ng

RT: 6.51 min Scan# 650

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

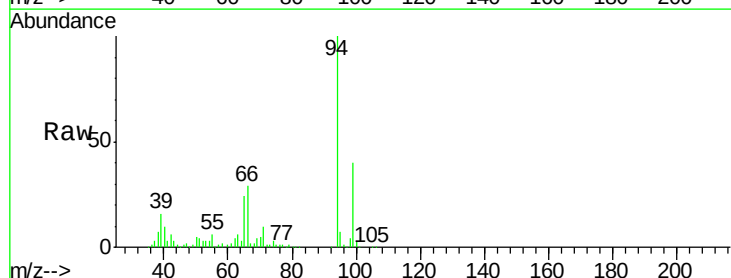
Tgt Ion: 94 Resp: 190804

Ion Ratio Lower Upper

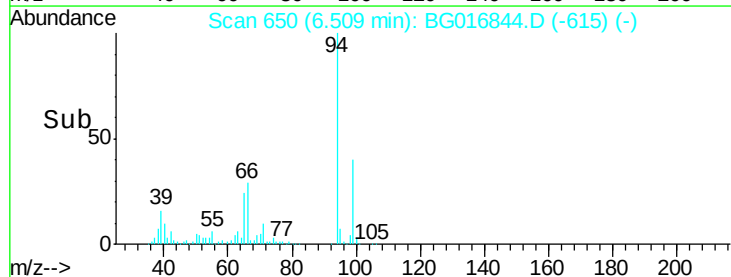
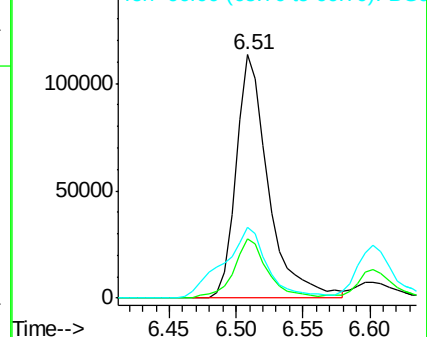
94 100

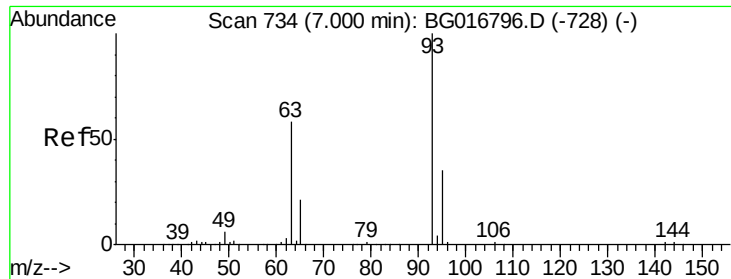
65 24.4 3.0 43.0

66 29.2 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

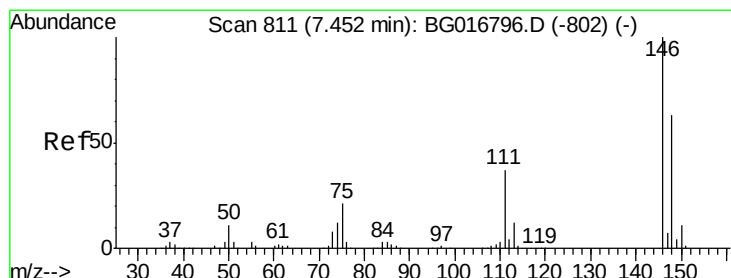
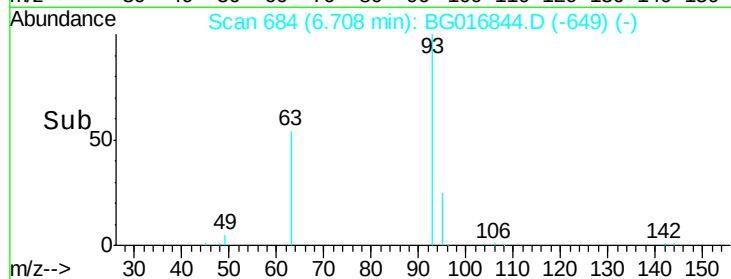
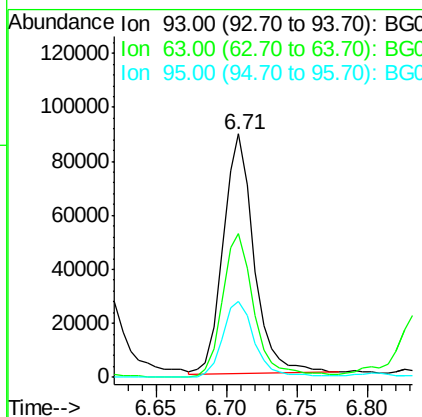
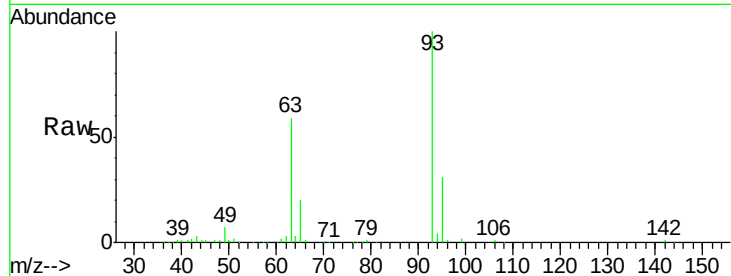




#11
 bis(2-Chloroethyl)ether
 Concen: 42.05 ng
 RT: 6.71 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

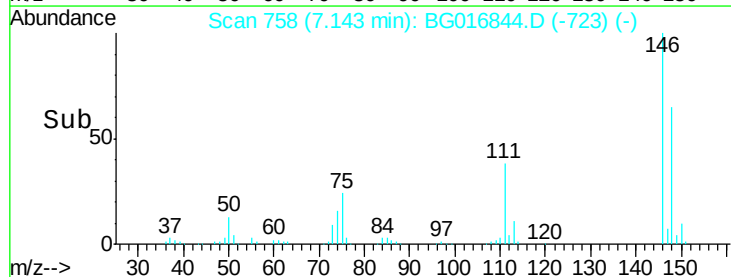
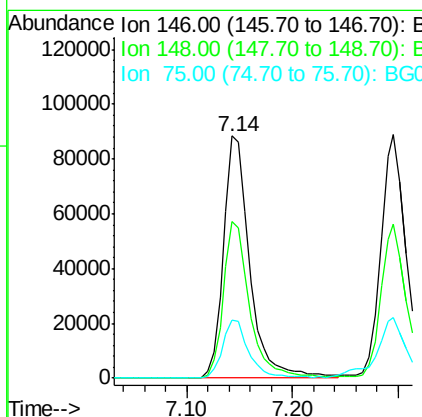
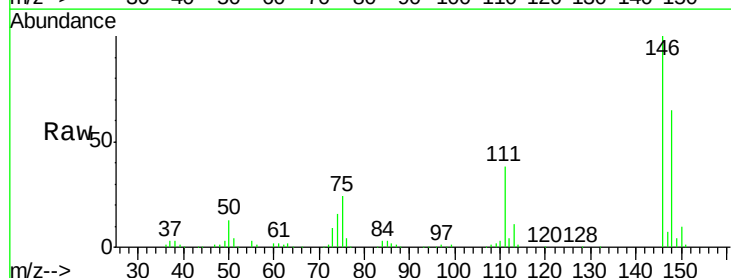
Instrument :
 BNA_G
 ClientSampleID :
 PB83075BS

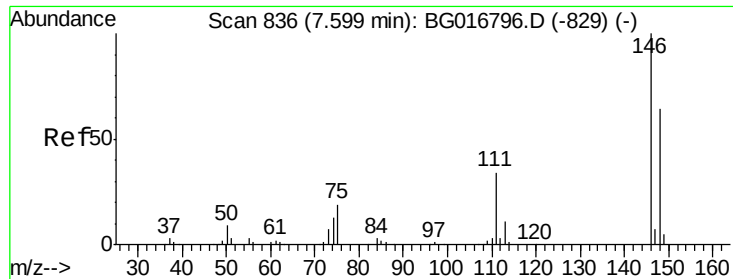
Tot Ion: 93 Resp: 134183
 Ion Ratio Lower Upper
 93 100
 63 59.2 38.0 78.0
 95 31.0 14.5 54.5



#12
 1,3-Dichlorobenzene
 Concen: 40.48 ng
 RT: 7.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion: 146 Resp: 152320
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 75 23.9 16.7 25.1

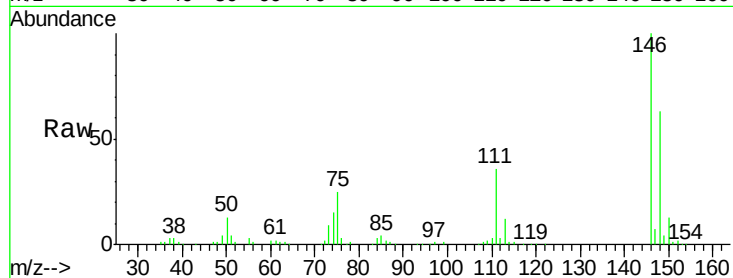




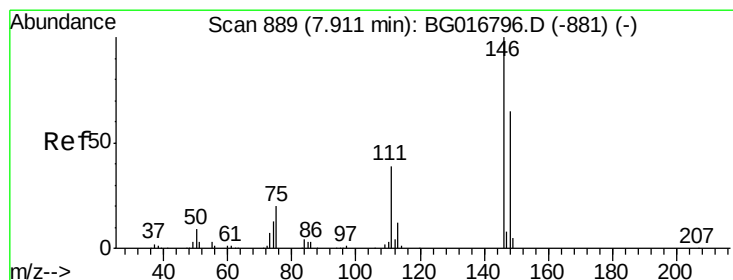
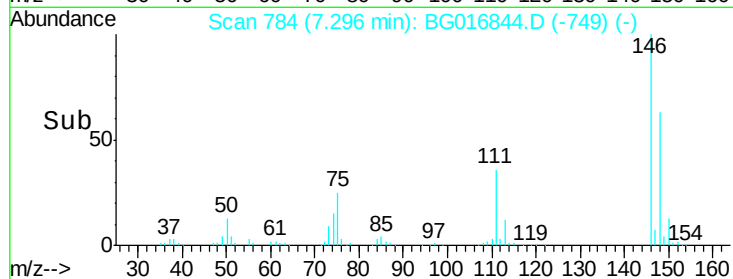
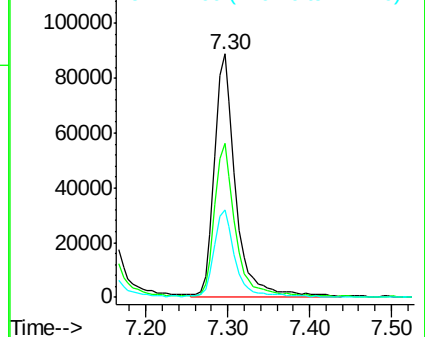
#13
 1,4-Dichlorobenzene
 Concen: 41.57 ng
 RT: 7.30 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:146 Resp: 159863
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.3 76.9
 111 35.8 27.6 41.4

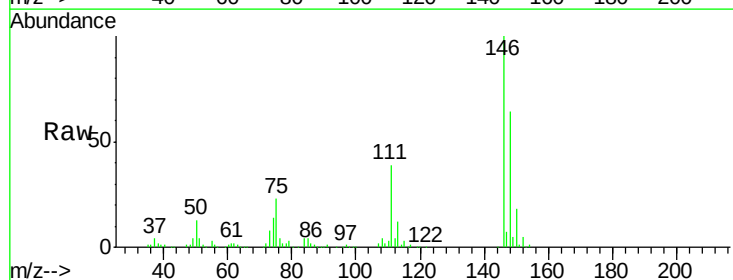


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

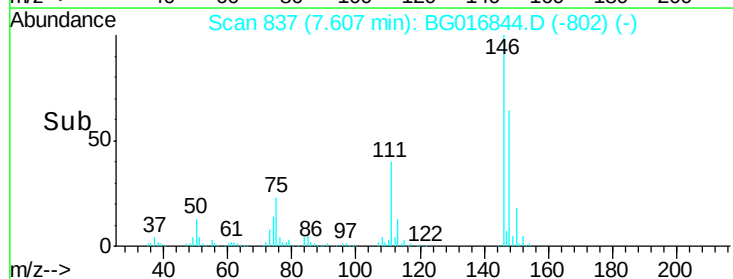
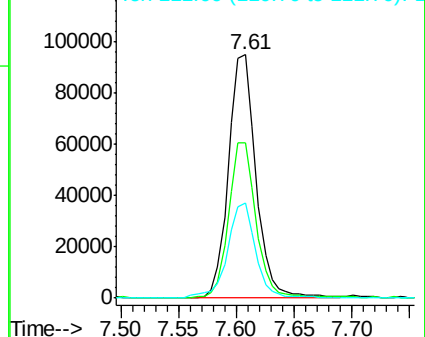


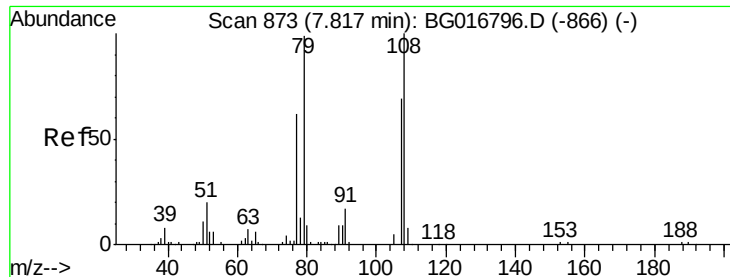
#14
 1,2-Dichlorobenzene
 Concen: 42.26 ng
 RT: 7.61 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:146 Resp: 155689
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 39.3 31.7 47.5



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: 47.67 ng

RT: 7.52 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

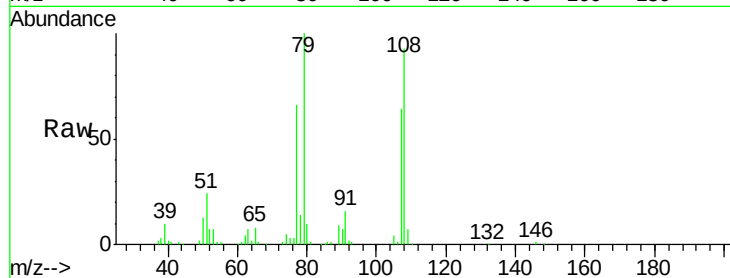
Tot Ion: 79 Resp: 115865

Ion Ratio Lower Upper

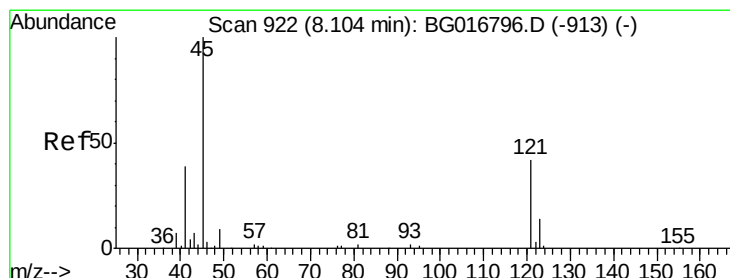
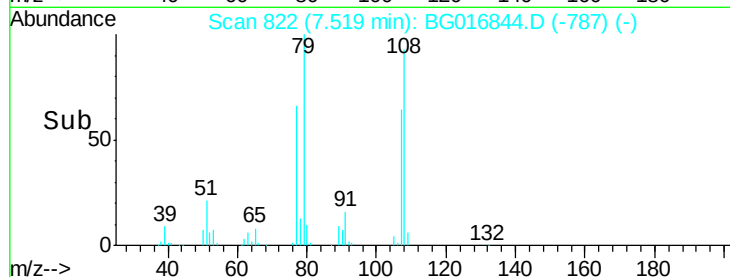
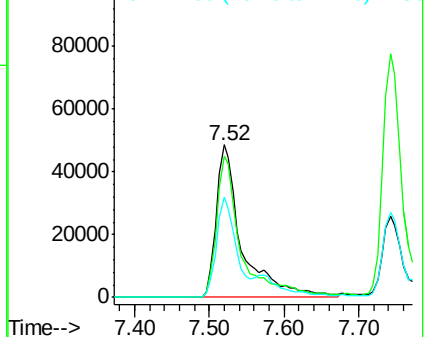
79 100

108 92.9 80.6 121.0

77 65.7 50.2 75.2



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: 49.56 ng

RT: 7.81 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

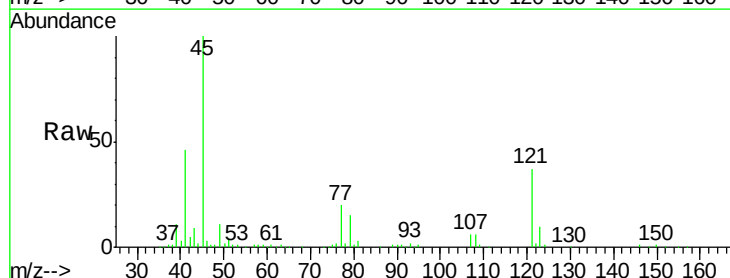
Tgt Ion: 45 Resp: 139607

Ion Ratio Lower Upper

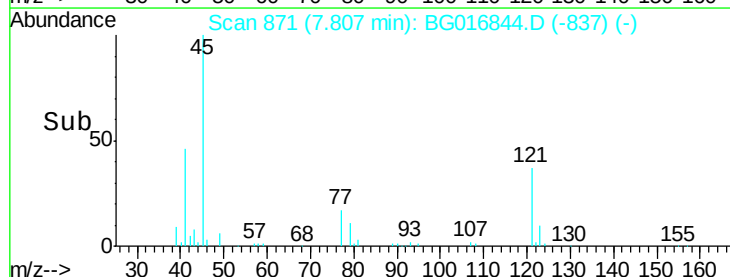
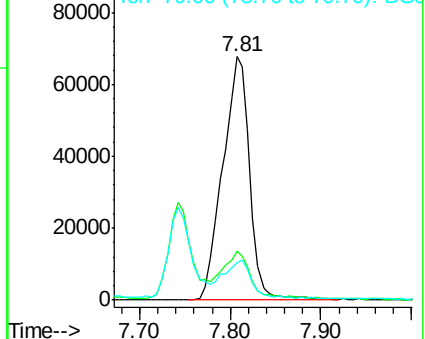
45 100

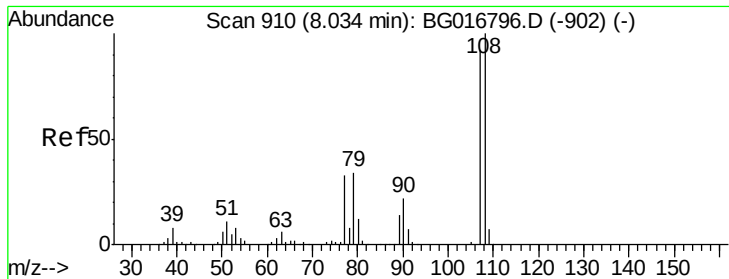
77 20.0 0.0 37.7

79 15.5 0.0 35.2



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

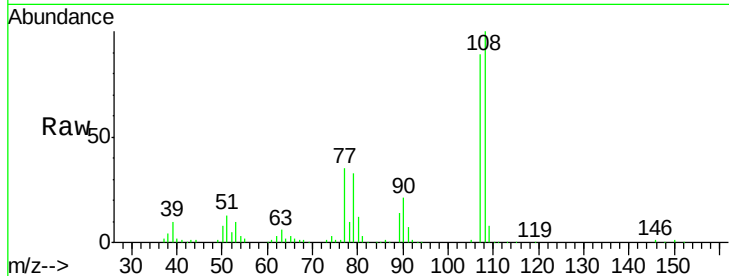




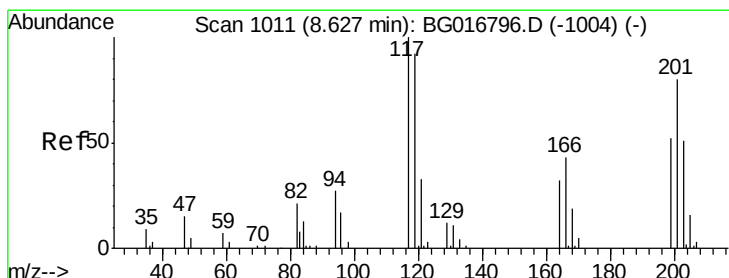
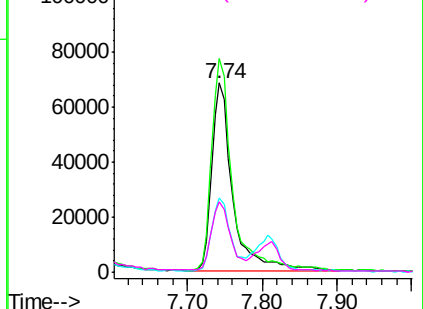
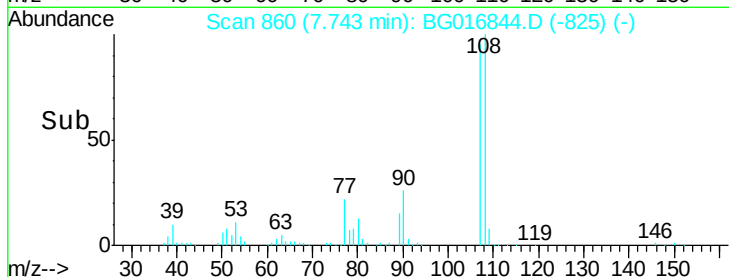
#17
2-Methylphenol
Concen: 46.19 ng
RT: 7.74 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Instrument :
BNA_G
ClientSampleId :
PB83075BS

Tot Ion:	107	Resp:	133097
Ion	Ratio	Lower	Upper
107	100		
108	113.0	86.6	130.0
77	39.5	28.4	42.6
79	37.5	29.8	44.6

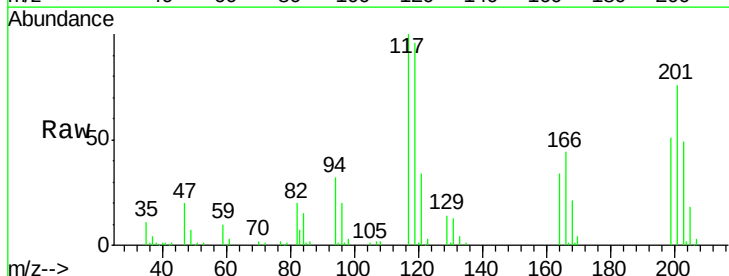


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

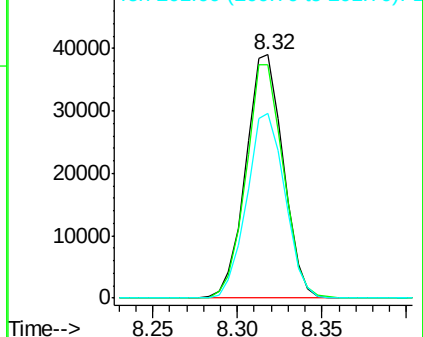
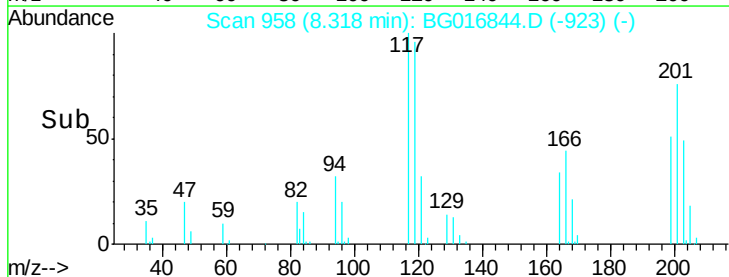


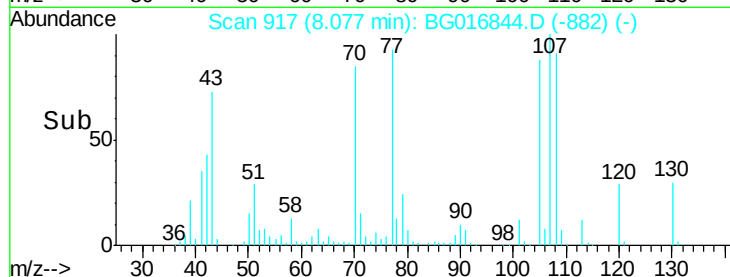
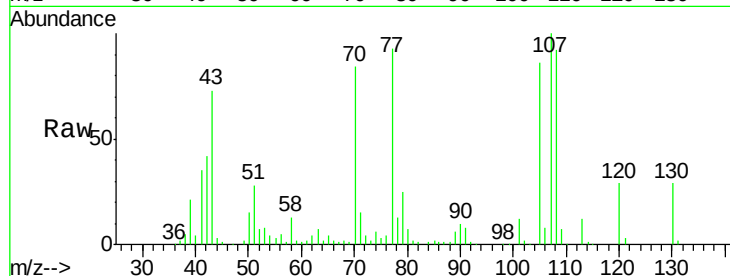
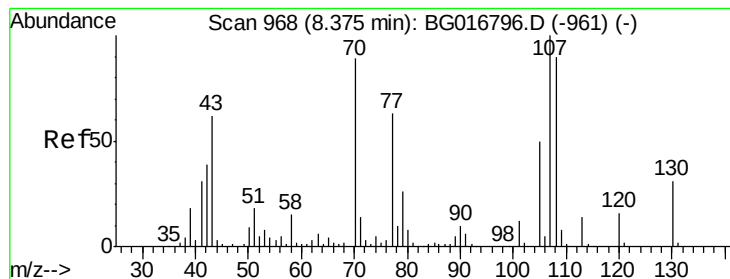
#18
Hexachloroethane
Concen: 44.37 ng
RT: 8.32 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:	117	Resp:	60184
Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.0	111.0
201	76.0	63.7	95.5



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: 41.32 ng

RT: 8.08 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

Tot Ion: 70 Resp: 102985

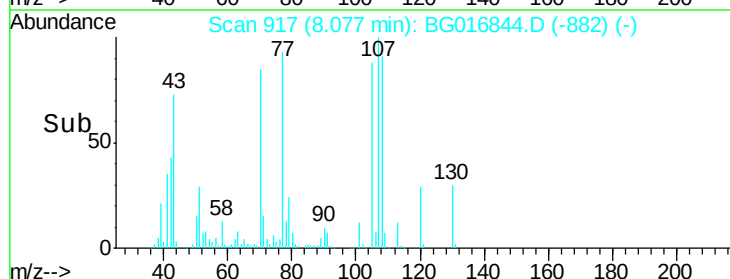
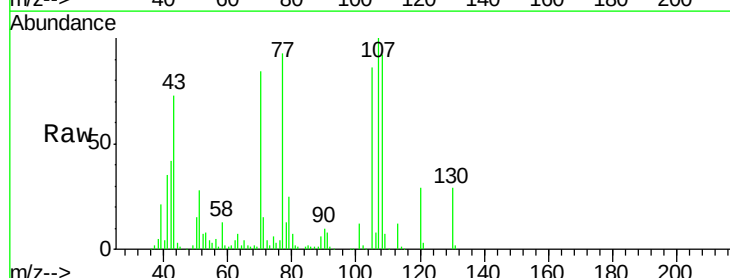
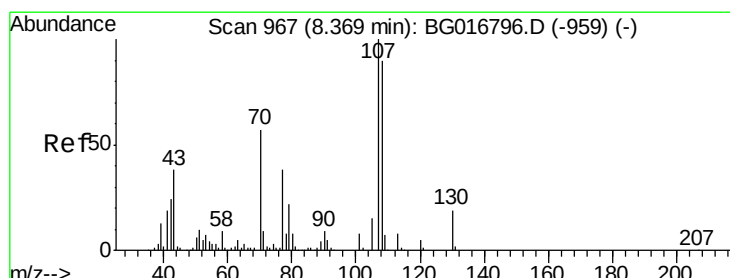
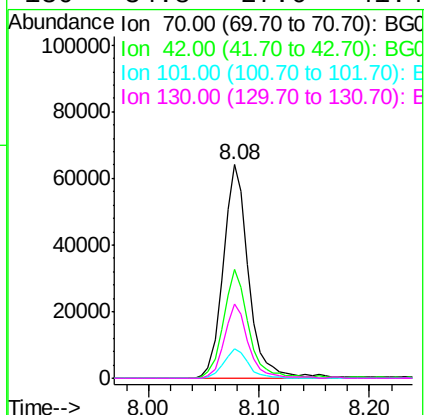
Ion Ratio Lower Upper

70 100

42 50.7 35.0 52.6

101 13.7 10.9 16.3

130 34.8 27.6 41.4



#20

3+4-Methylphenols

Concen: 45.91 ng

RT: 8.08 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Tgt Ion:107 Resp: 181721

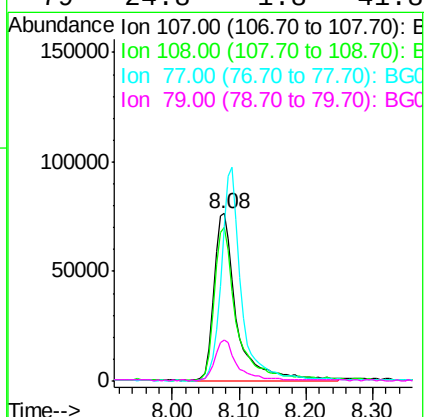
Ion Ratio Lower Upper

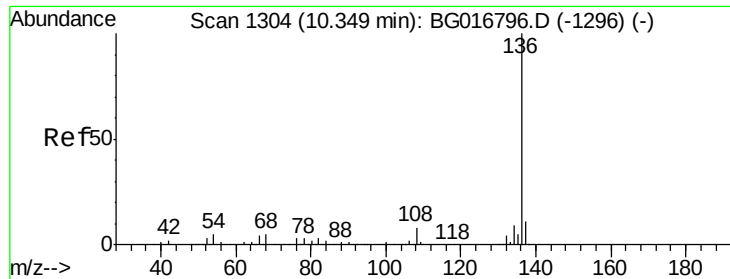
107 100

108 91.5 70.5 110.5

77 92.7 18.2 58.2#

79 24.8 1.8 41.8

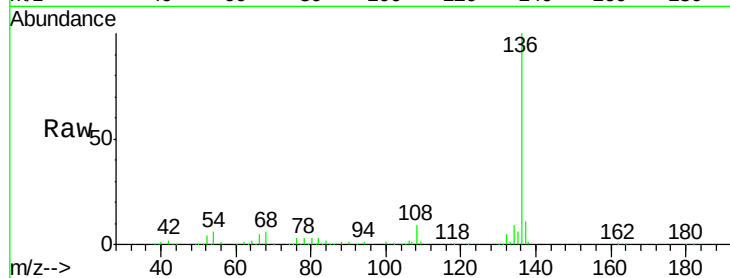




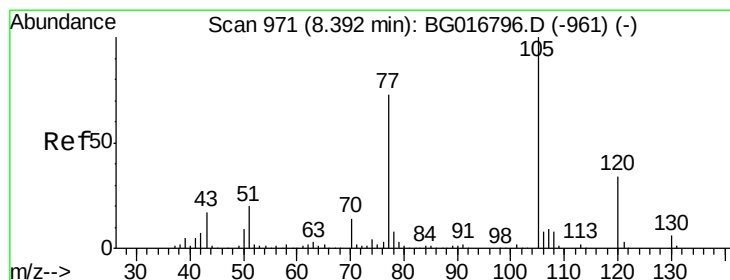
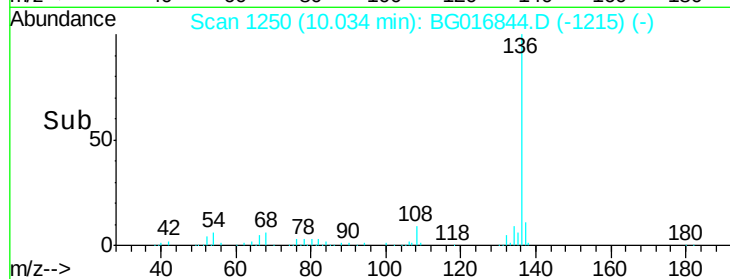
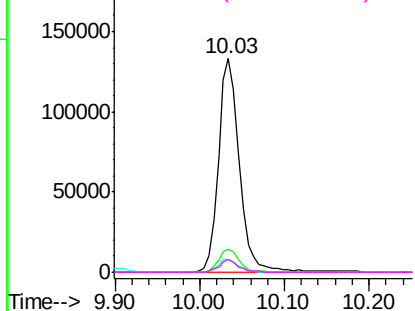
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Instrument :
BNA_G
ClientSampleId :
PB83075BS

Tot Ion:136	Resp:	230546
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	12.8
54 5.9	4.3	6.5
68 5.9	4.3	6.5

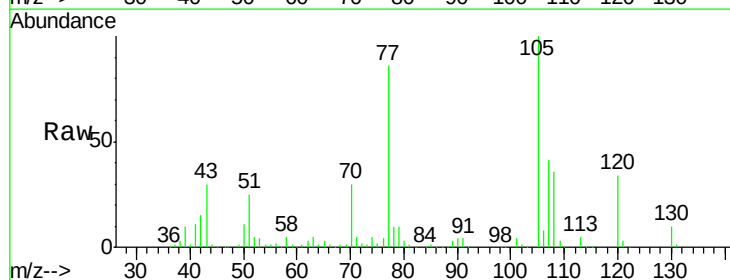


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

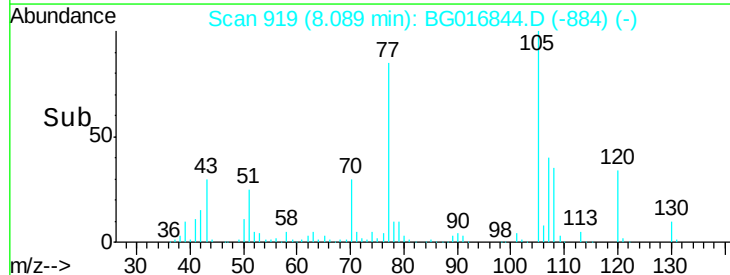
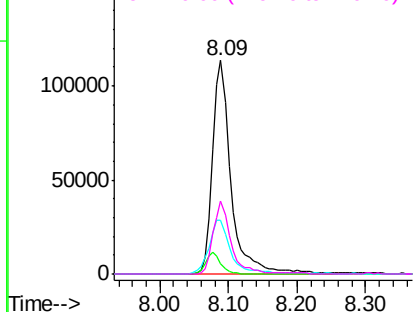


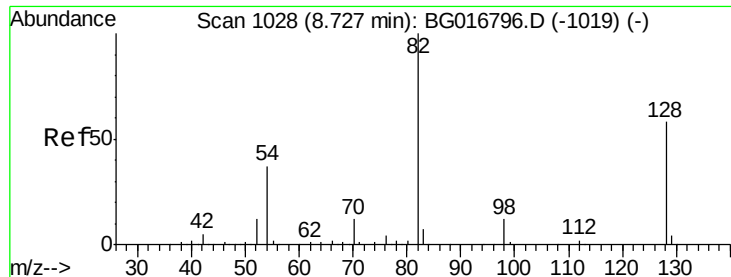
#22
Acetophenone
Concen: 45.72 ng
RT: 8.09 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt	Ion:105	Resp:	211481
Ion	Ratio	Lower	Upper
105	100		
71	4.5	1.9	2.9#
51	24.9	16.1	24.1#
120	34.1	26.9	40.3



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

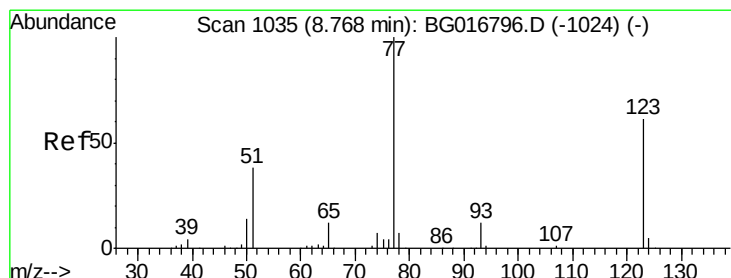
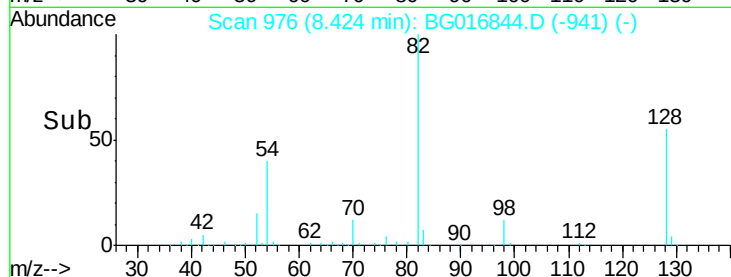
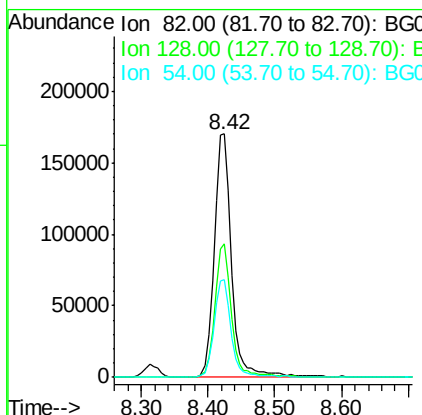
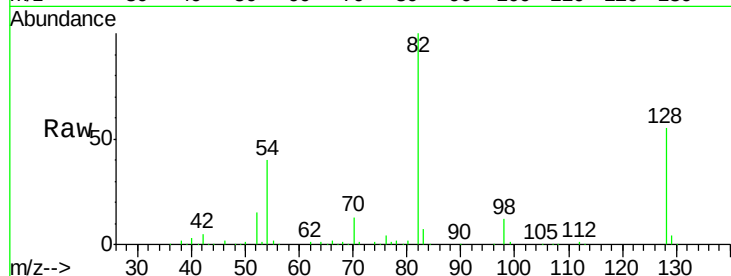




#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 8.42 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

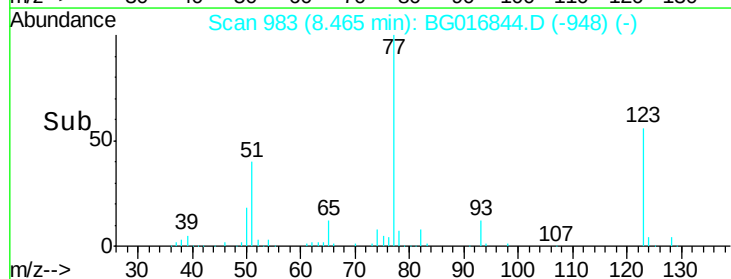
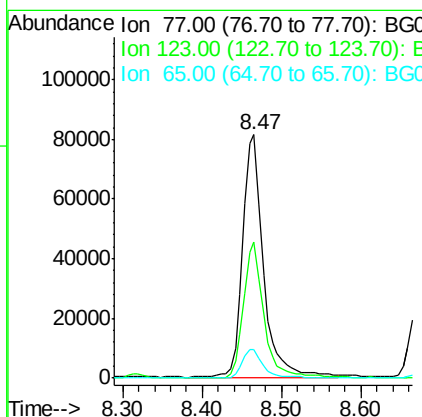
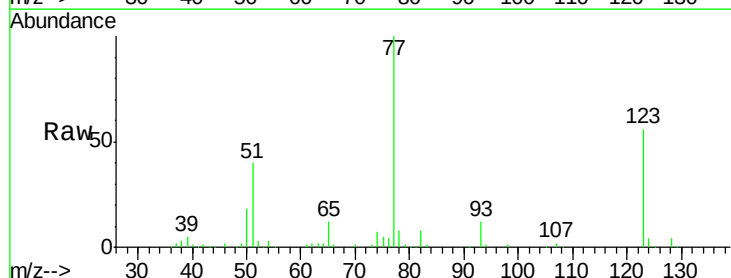
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

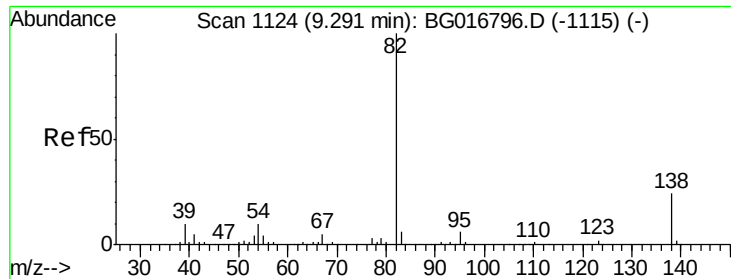
Tot Ion: 82 Resp: 312030
 Ion Ratio Lower Upper
 82 100
 128 54.8 46.3 69.5
 54 40.1 30.0 45.0



#24
 Nitrobenzene
 Concen: 44.23 ng
 RT: 8.47 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion: 77 Resp: 147878
 Ion Ratio Lower Upper
 77 100
 123 55.7 49.0 73.6
 65 11.7 9.8 14.8





#25

Isophorone

Concen: 41.54 ng

RT: 8.98 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

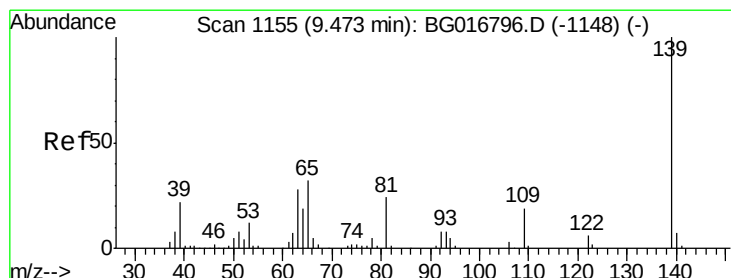
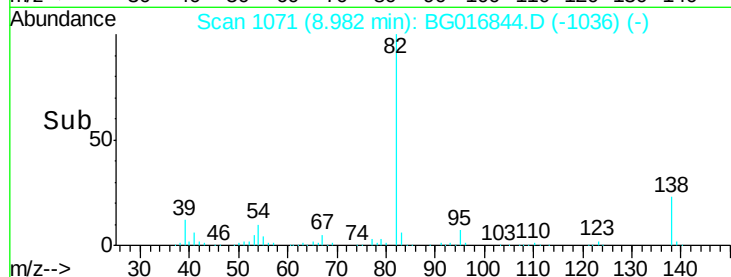
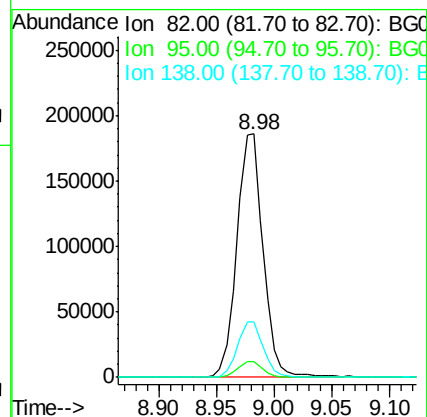
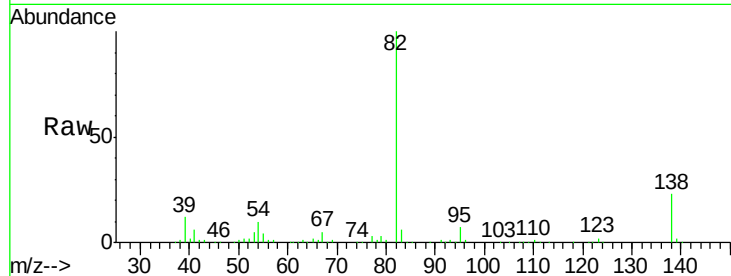
Tot Ion: 82 Resp: 292699

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.4

138 22.9 19.6 29.4



#26

2-Nitrophenol

Concen: 41.23 ng

RT: 9.17 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

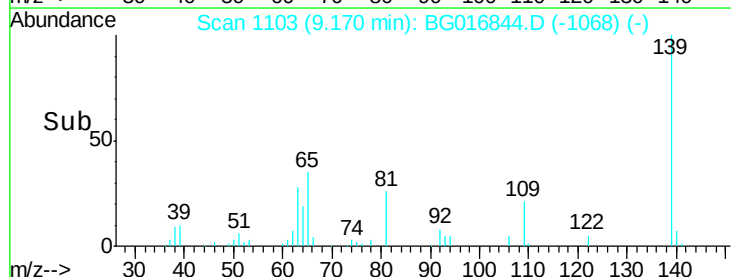
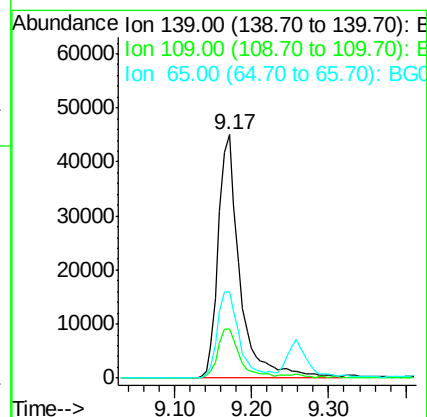
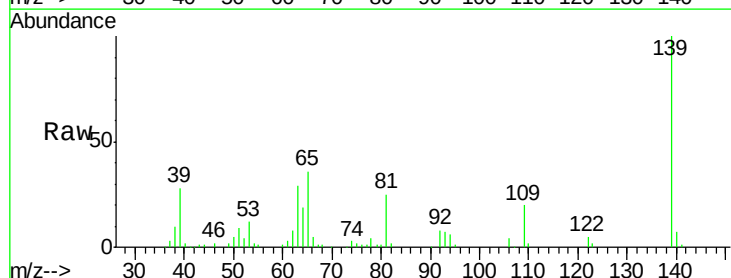
Tgt Ion: 139 Resp: 87430

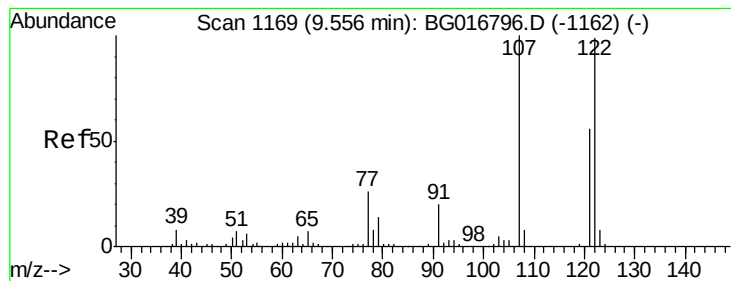
Ion Ratio Lower Upper

139 100

109 20.0 15.1 22.7

65 35.6 25.4 38.2





#27

2,4-Dimethylphenol

Concen: 44.24 ng

RT: 9.26 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

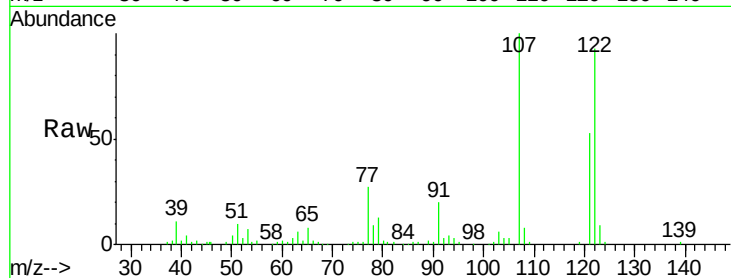
Tot Ion:122 Resp: 155188

Ion Ratio Lower Upper

122 100

107 107.0 81.1 121.7

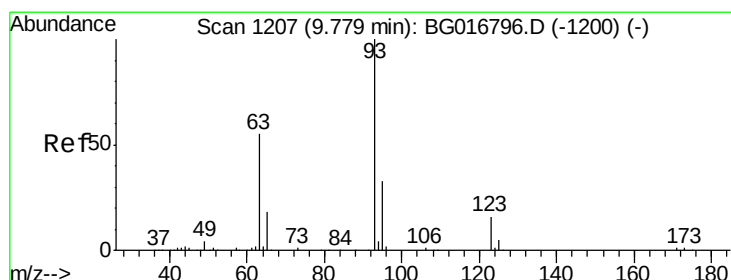
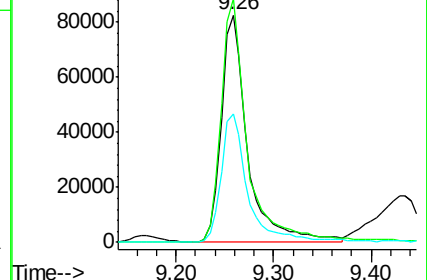
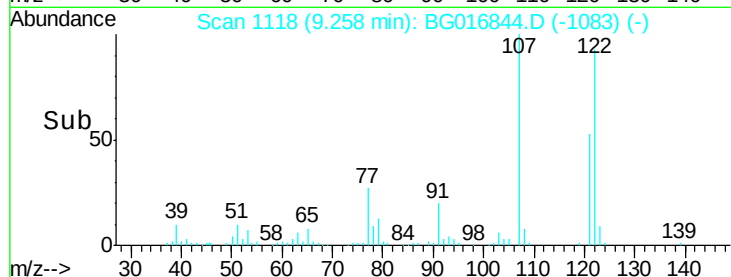
121 56.2 45.7 68.5



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: 45.04 ng

RT: 9.48 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

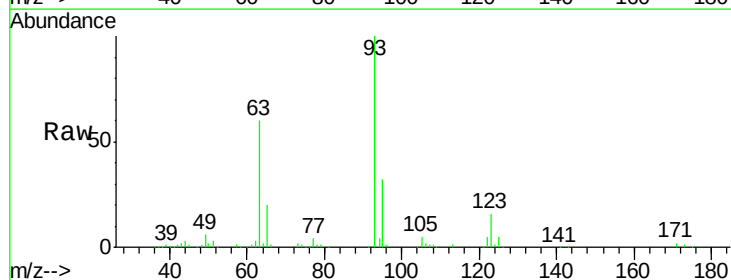
Tgt Ion: 93 Resp: 184985

Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.4

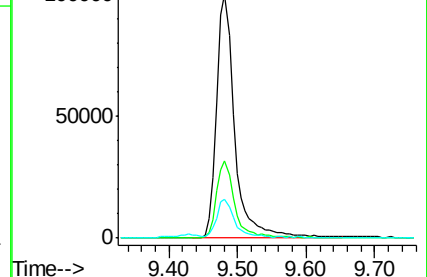
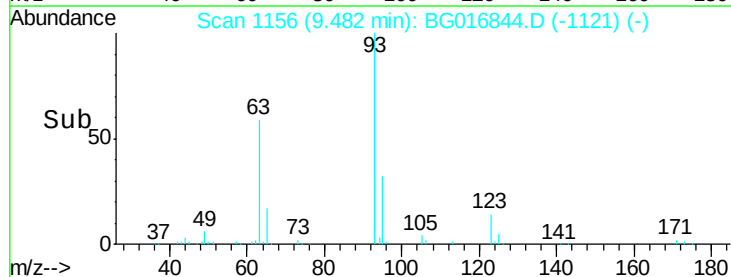
123 16.1 13.5 20.3

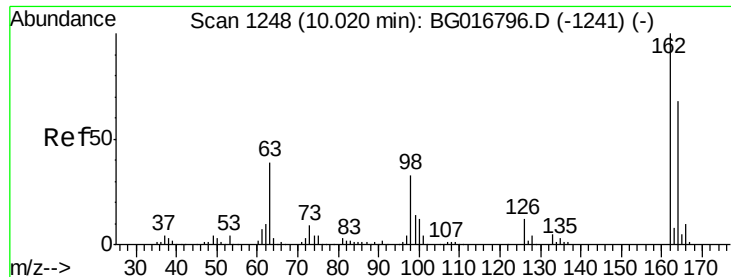


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

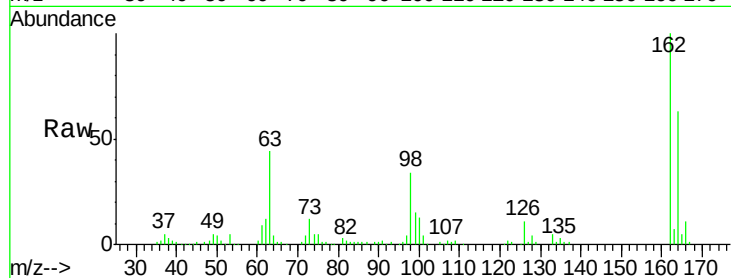




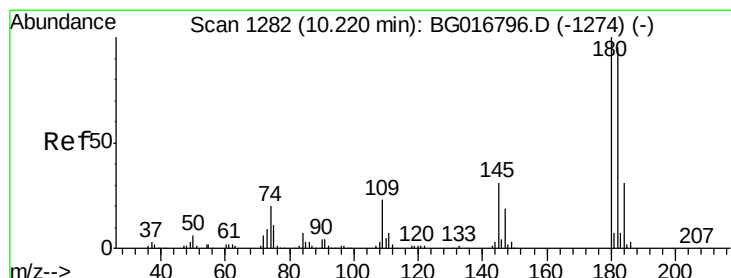
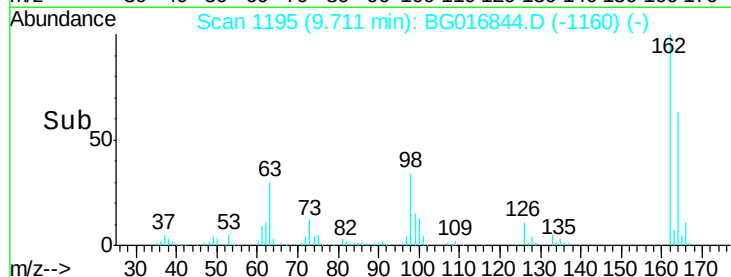
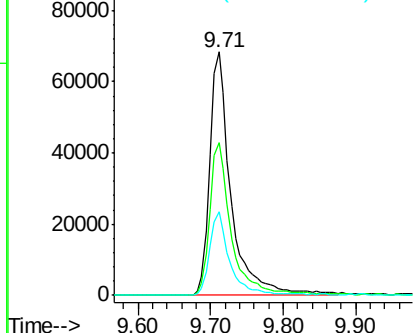
#29
 2,4-Dichlorophenol
 Concen: 45.96 ng
 RT: 9.71 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:162 Resp: 140110
 Ion Ratio Lower Upper
 162 100
 164 62.9 47.6 87.6
 98 34.2 13.2 53.2

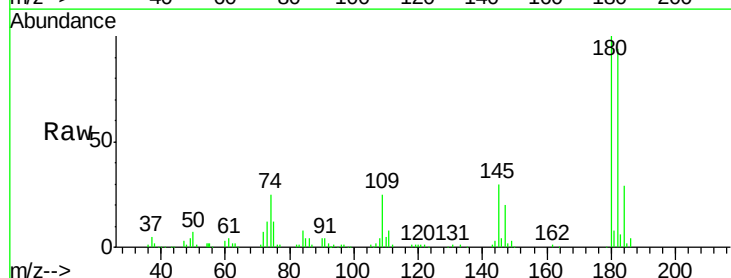


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

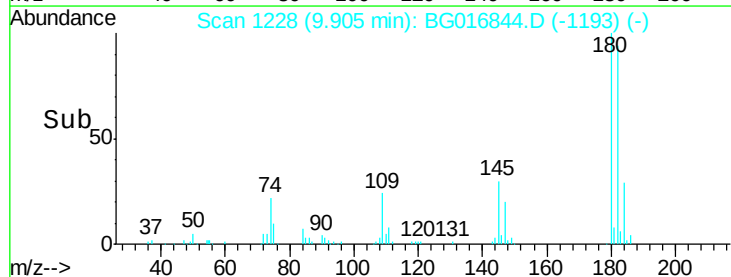
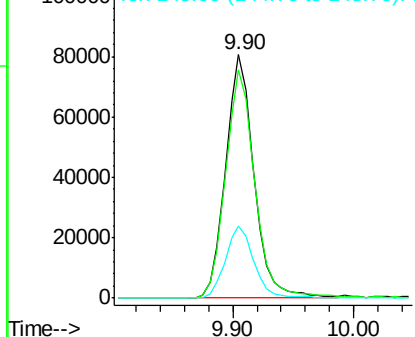


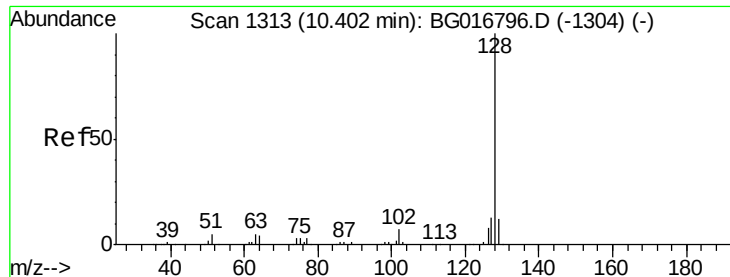
#30
 1,2,4-Trichlorobenzene
 Concen: 40.85 ng
 RT: 9.90 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:180 Resp: 131838
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.1 114.1
 145 29.8 24.9 37.3



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

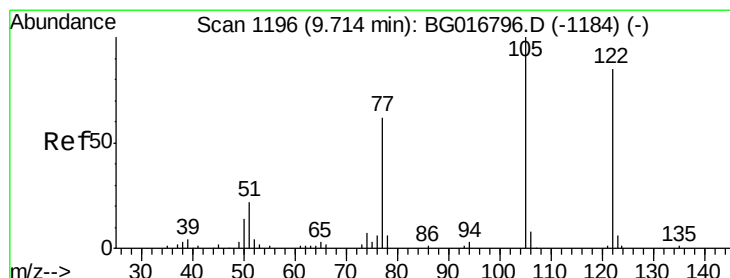
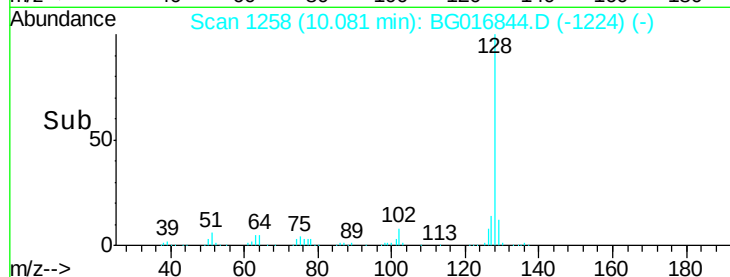
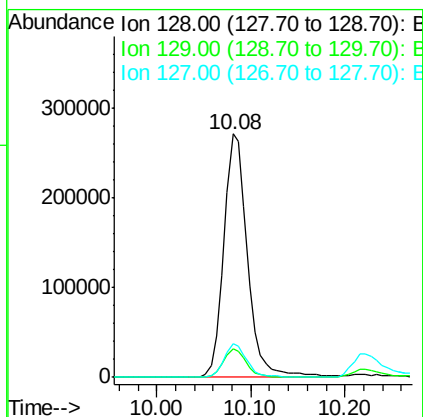
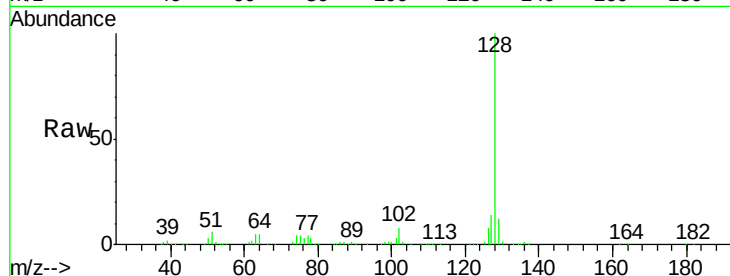




#31
Naphthalene
Concen: 41.39 ng
RT: 10.08 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

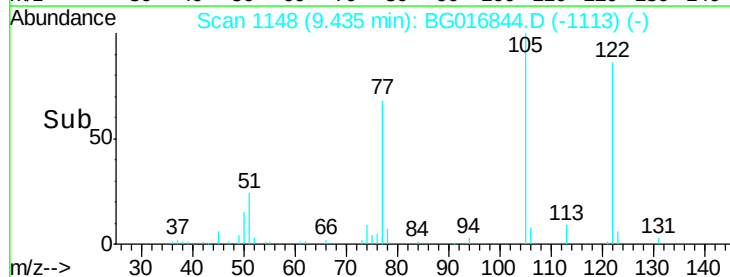
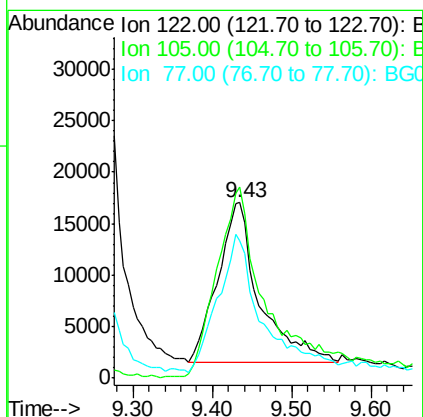
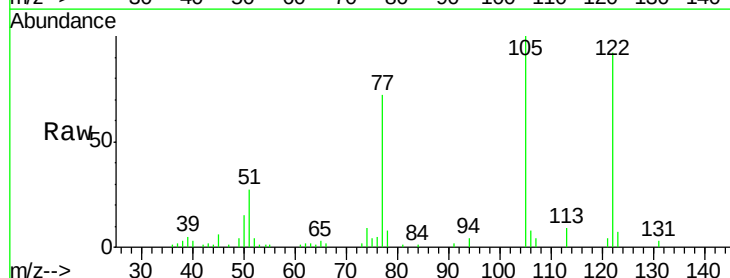
Instrument :
BNA_G
ClientSampleId :
PB83075BS

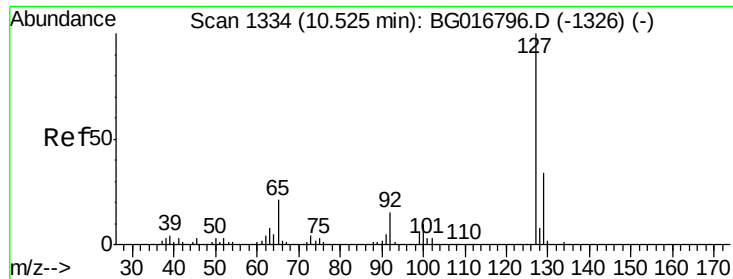
Tot Ion:128 Resp: 476196
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.7 10.5 15.7



#32
Benzoic acid
Concen: 32.46 ng
RT: 9.43 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:122 Resp: 56464
Ion Ratio Lower Upper
122 100
105 108.8 97.0 137.0
77 78.1 53.1 93.1

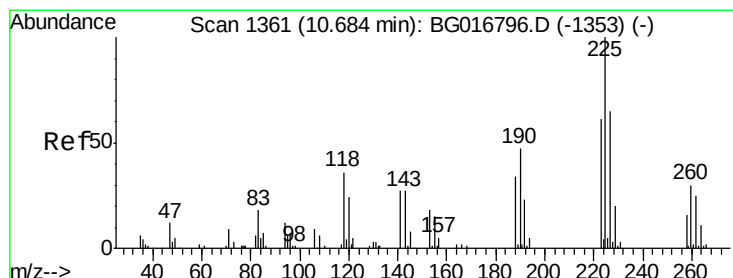
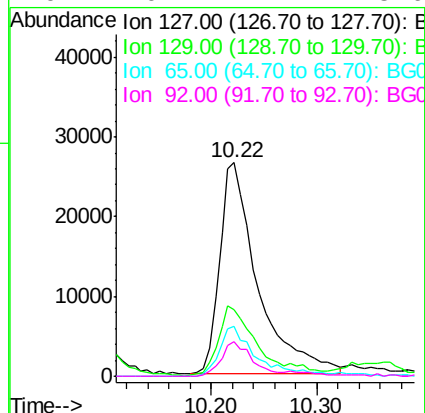
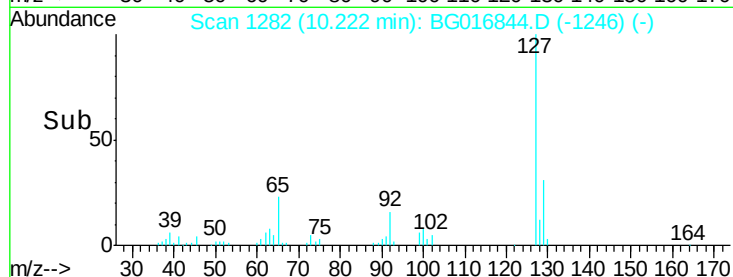
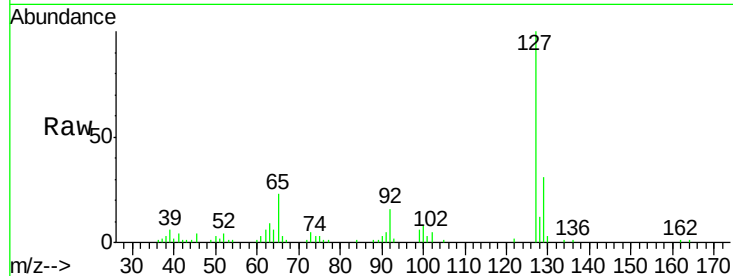




#33
4-Chloroaniline
Concen: 13.37 ng
RT: 10.22 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

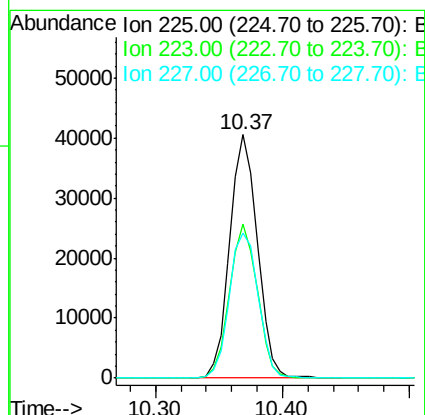
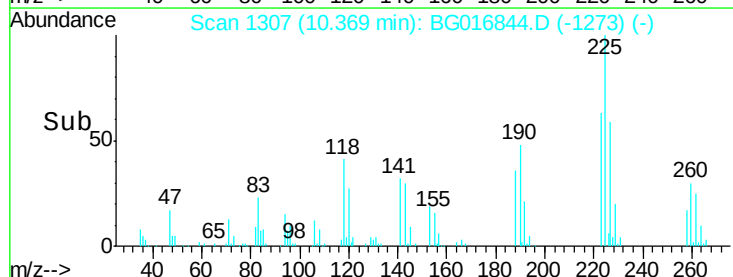
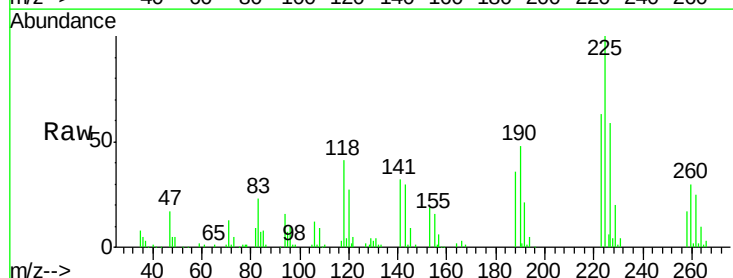
Instrument :
BNA_G
ClientSampleId :
PB83075BS

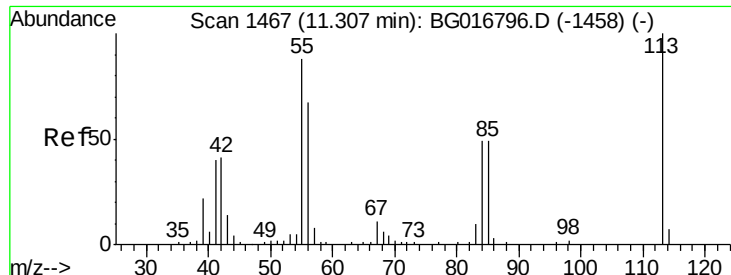
Tot Ion:	127	Resp:	66795
Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.1	40.7
65	23.5	16.6	25.0
92	16.1	12.4	18.6



#34
Hexachlorobutadiene
Concen: 41.79 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:	225	Resp:	61189
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.5	72.7
227	59.3	51.6	77.4





#35

Caprolactam

Concen: 36.76 ng

RT: 10.99 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

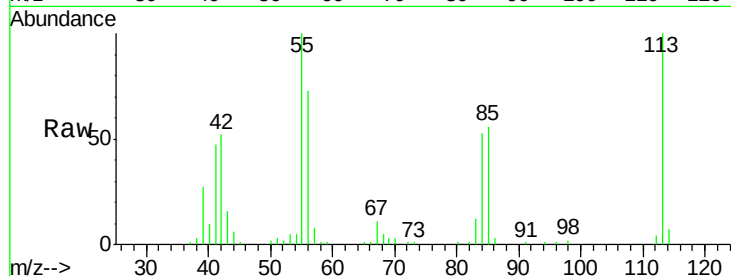
Tot Ion:113 Resp: 61453

Ion Ratio Lower Upper

113 100

55 100.5 67.5 107.5

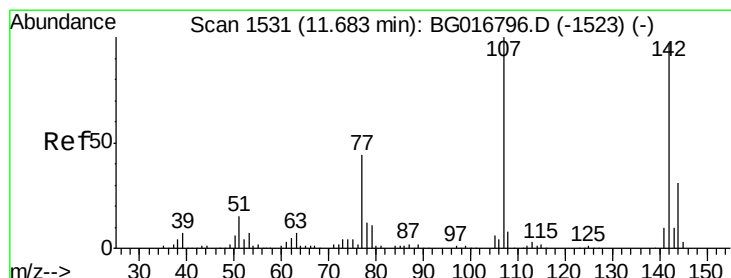
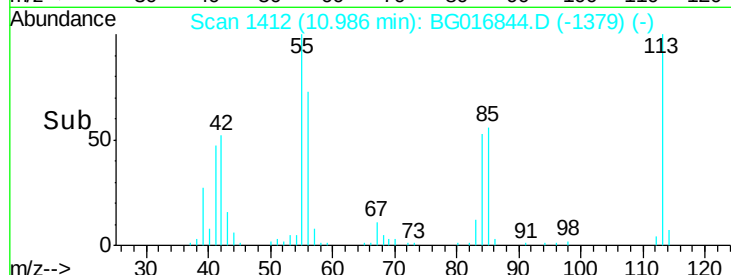
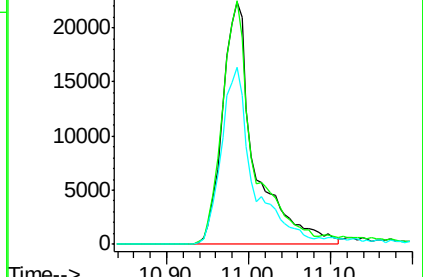
56 73.2 46.9 86.9



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: 42.11 ng

RT: 11.38 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

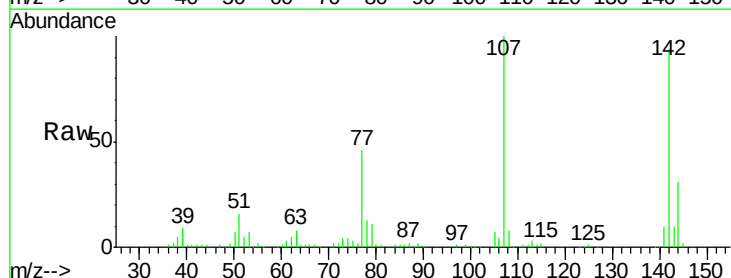
Tgt Ion:107 Resp: 144643

Ion Ratio Lower Upper

107 100

144 30.6 25.0 37.4

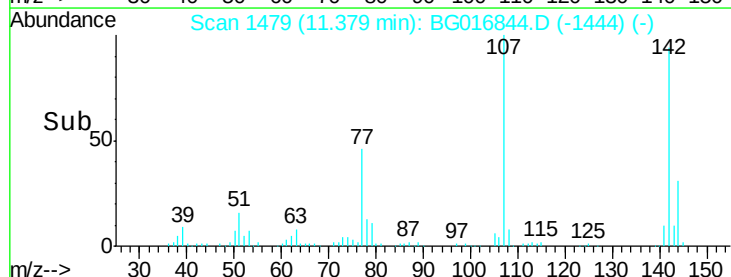
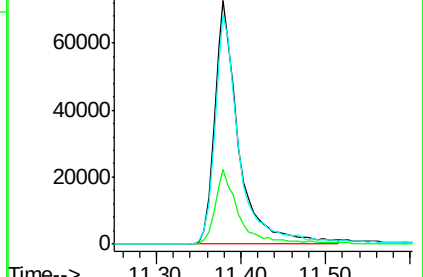
142 94.4 77.8 116.8

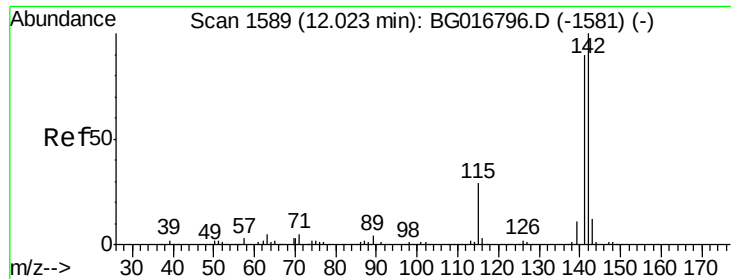


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

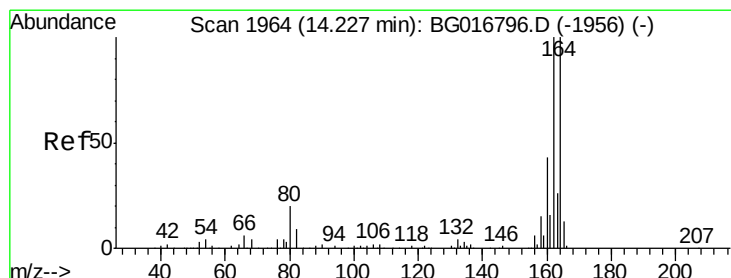
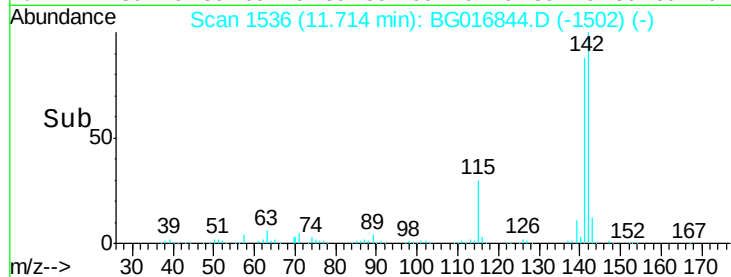
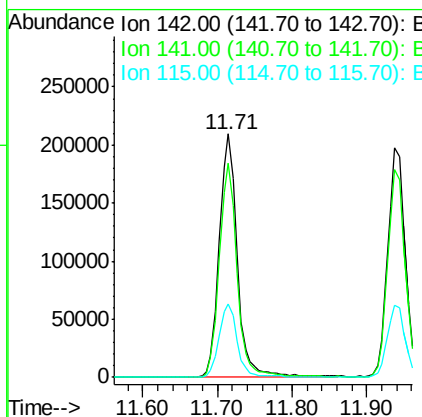
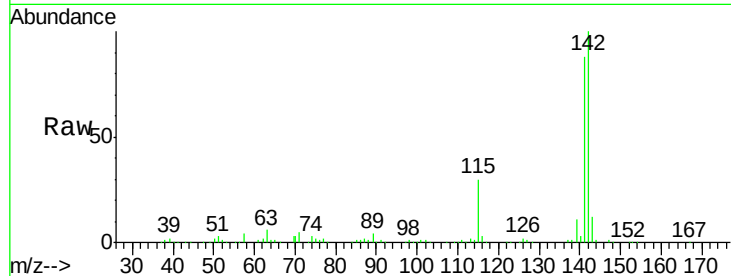




#37
2-Methylnaphthalene
Concen: 41.61 ng
RT: 11.71 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

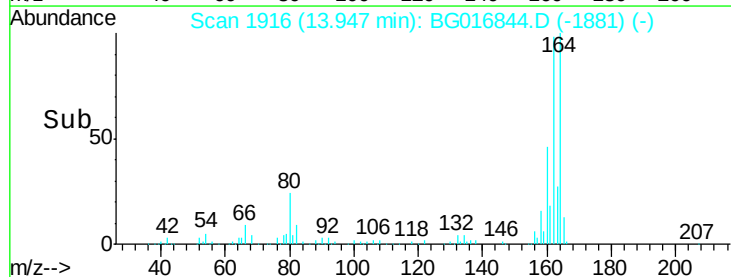
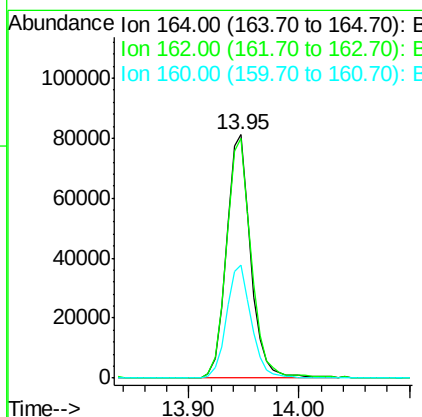
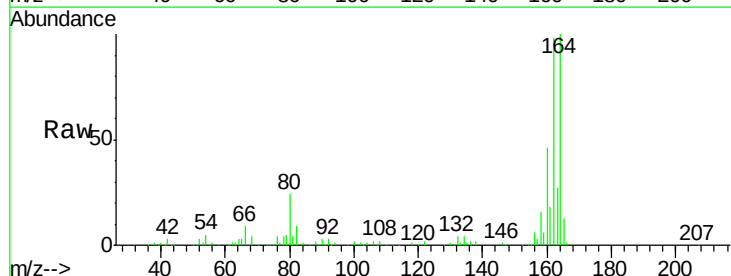
Instrument :
BNA_G
ClientSampleId :
PB83075BS

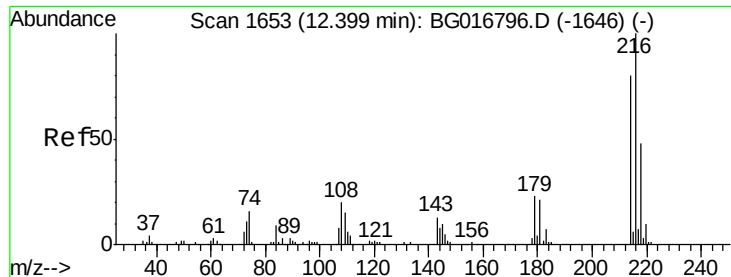
Tot Ion:142 Resp: 350677
Ion Ratio Lower Upper
142 100
141 87.8 71.8 107.8
115 30.0 23.5 35.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.95 min Scan# 1916
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:164 Resp: 124880
Ion Ratio Lower Upper
164 100
162 98.4 80.2 120.4
160 46.4 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.83 ng

RT: 12.10 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

Tot Ion:216 Resp: 129990

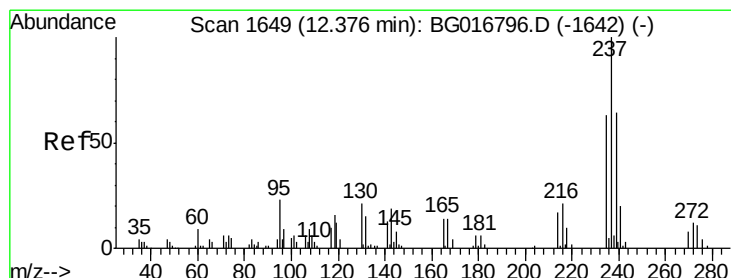
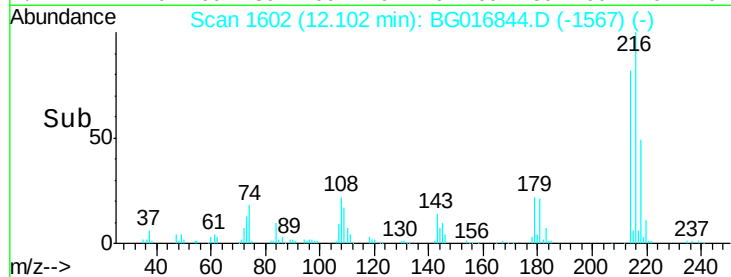
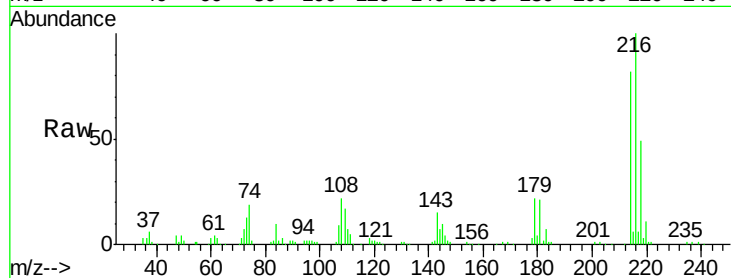
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	21.7	17.4	26.2
108	24.8	16.8	25.2

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: 96.44 ng

RT: 12.07 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

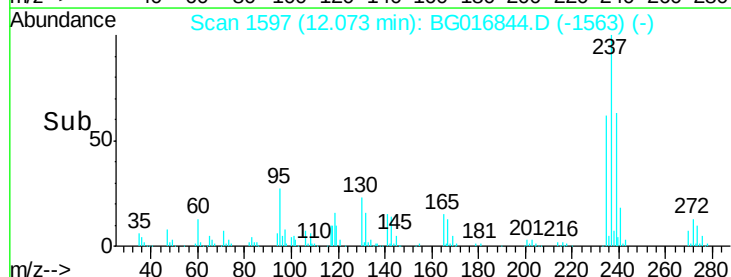
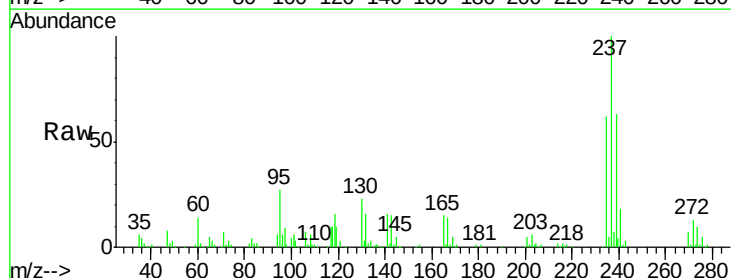
Tgt Ion:237 Resp: 98392

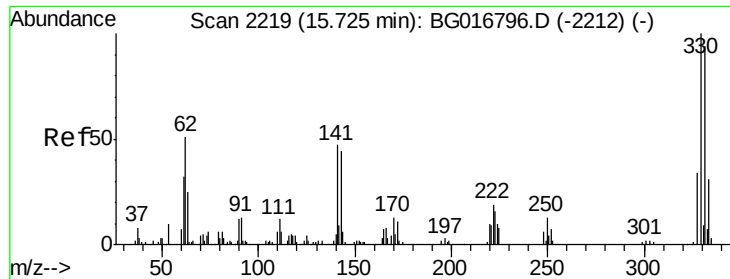
Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.4	83.4
272	13.3	0.0	32.3

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

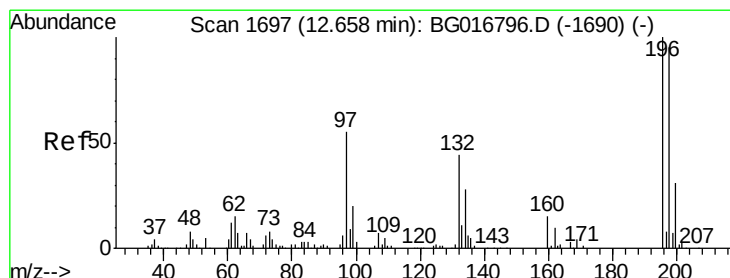
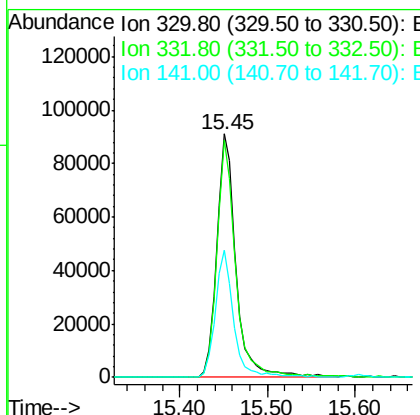
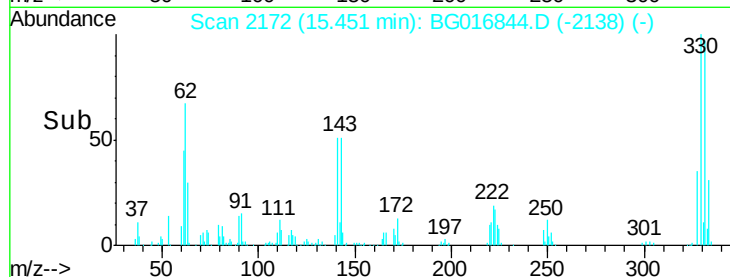
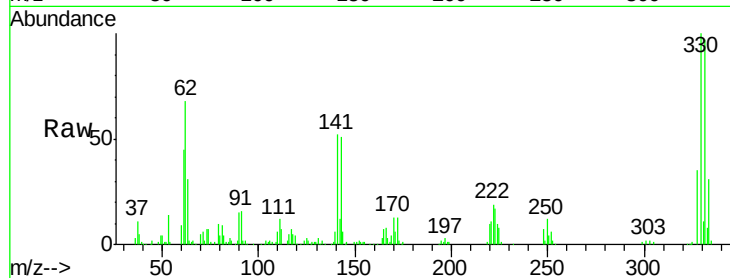




#41
 2,4,6-Tribromophenol
 Concen: 148.78 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

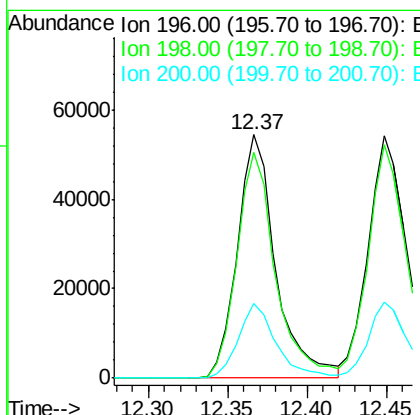
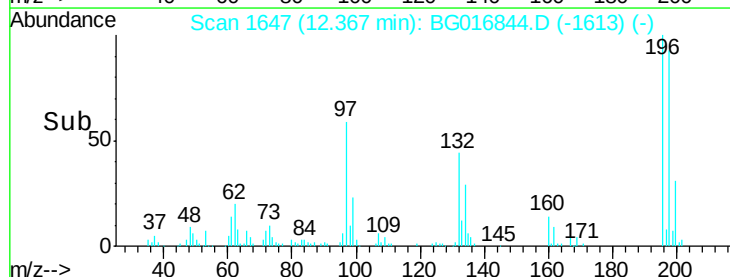
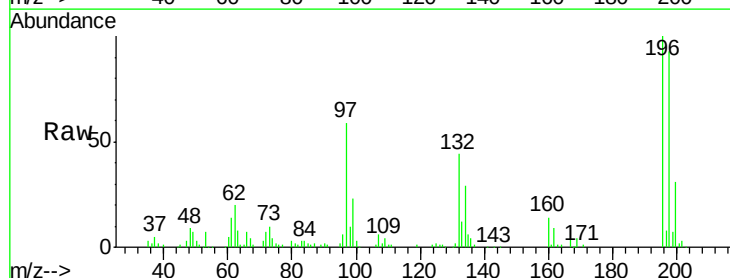
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

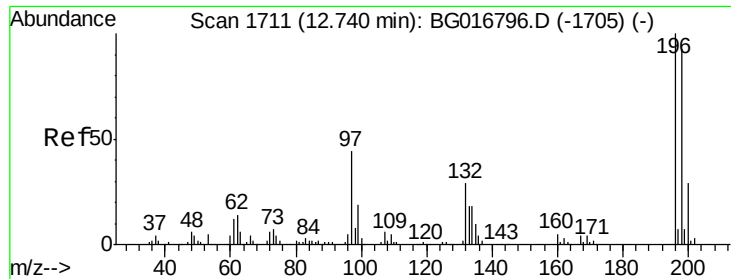
Tot Ion:330 Resp: 138374
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.3 112.9
 141 50.4 40.7 61.1



#42
 2,4,6-Trichlorophenol
 Concen: 42.58 ng
 RT: 12.37 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:196 Resp: 91301
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.8 113.6
 200 30.7 25.0 37.6

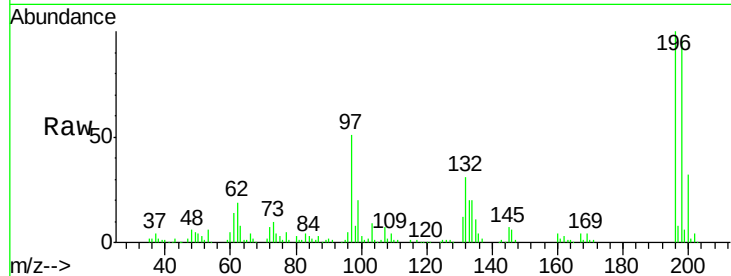




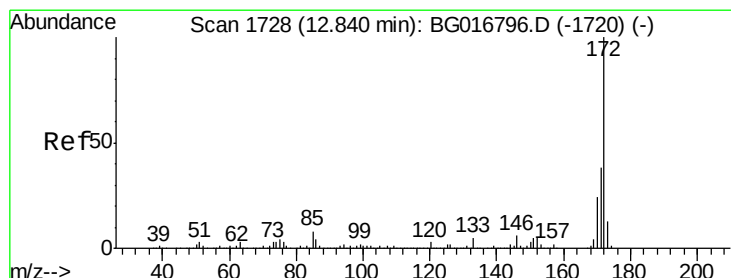
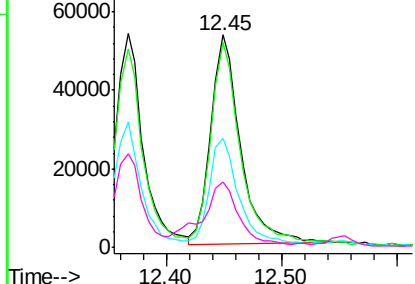
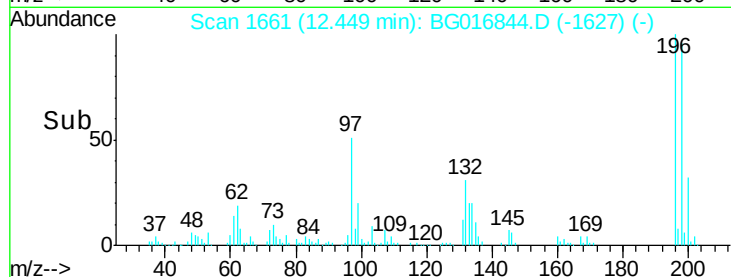
#43
 2,4,5-Trichlorophenol
 Concen: 44.32 ng
 RT: 12.45 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:196 Resp: 96431
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.2 111.2
 97 51.2 35.3 52.9
 132 31.0 23.4 35.2

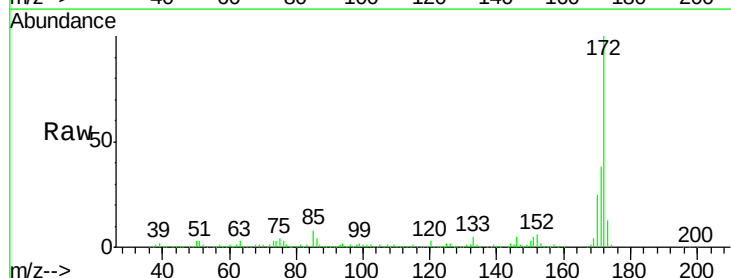


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

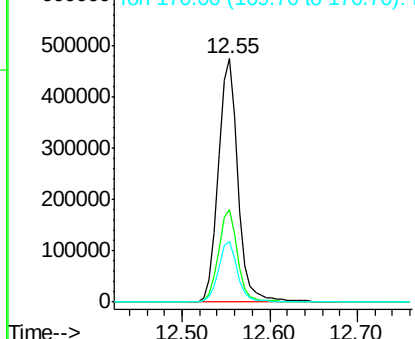
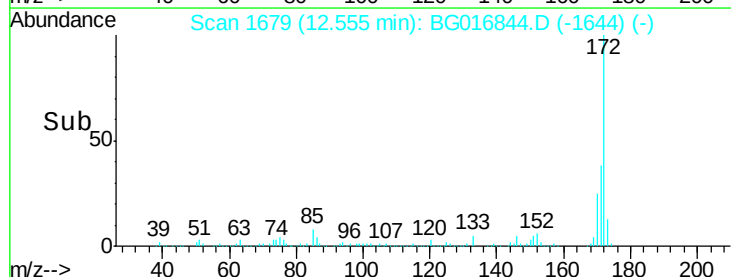


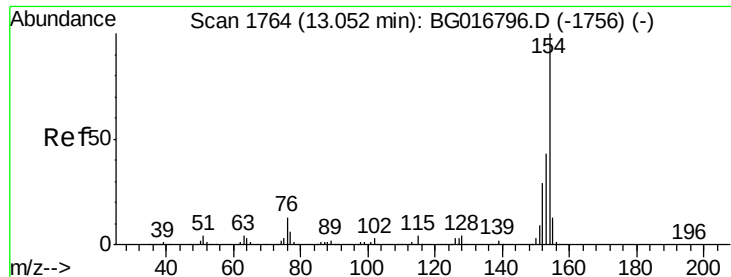
#44
 2-Fluorobiphenyl
 Concen: 91.99 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:172 Resp: 741965
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.2 45.4
 170 24.6 19.4 29.0



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

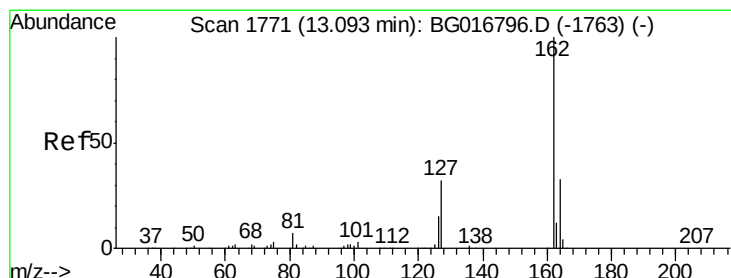
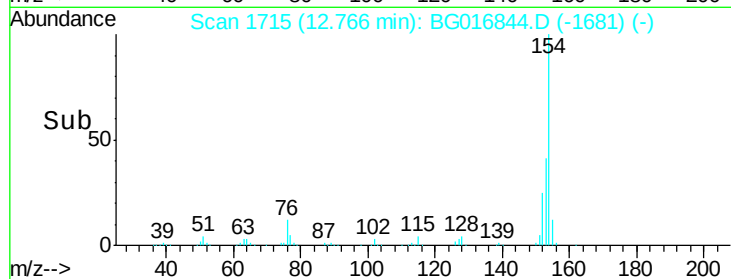
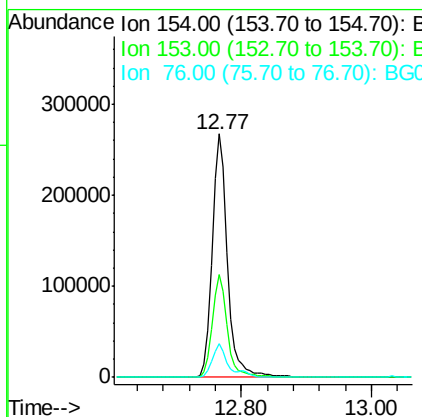
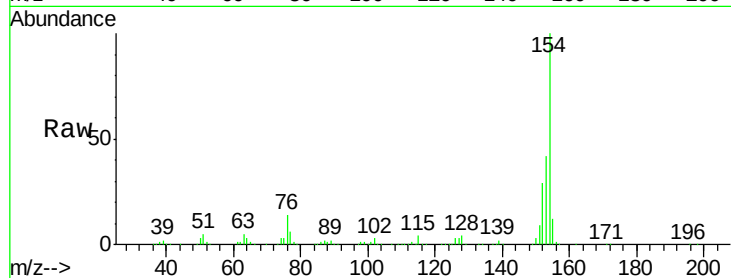




#45
1,1'-Biphenyl
Concen: 47.20 ng
RT: 12.77 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

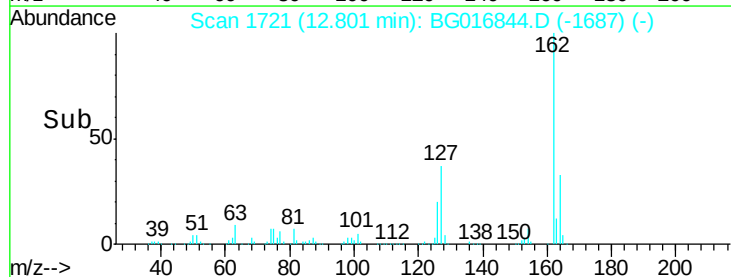
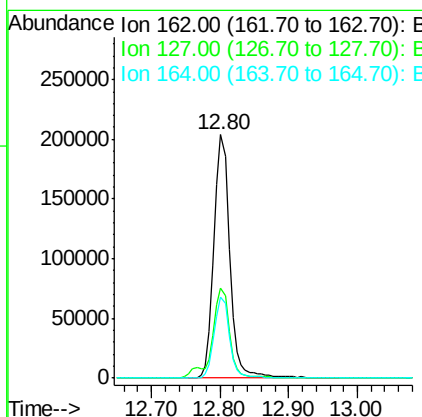
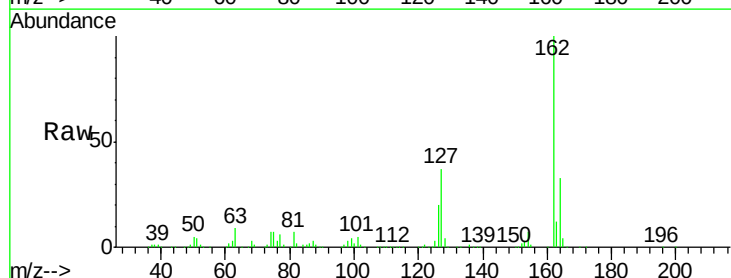
Instrument :
BNA_G
ClientSampleId :
PB83075BS

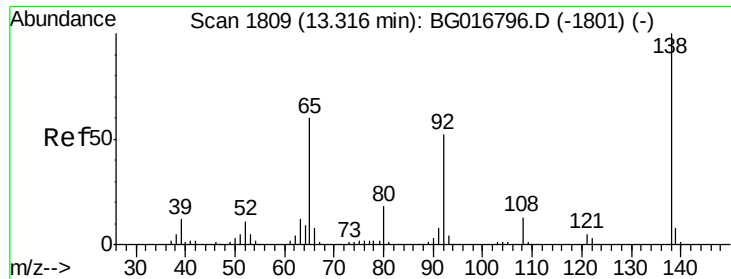
Tot Ion:154 Resp: 433089
Ion Ratio Lower Upper
154 100
153 42.5 22.7 62.7
76 13.6 0.0 33.0



#46
2-Chloronaphthalene
Concen: 46.33 ng
RT: 12.80 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:162 Resp: 328071
Ion Ratio Lower Upper
162 100
127 37.0 28.2 42.2
164 33.2 26.1 39.1

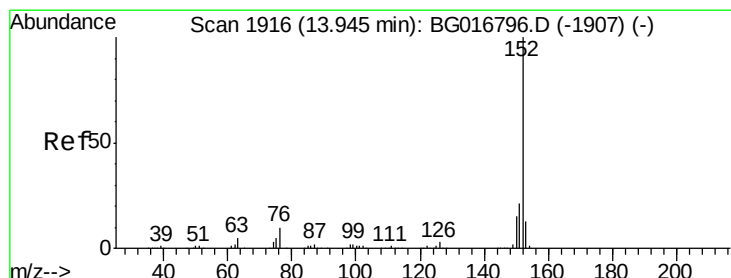
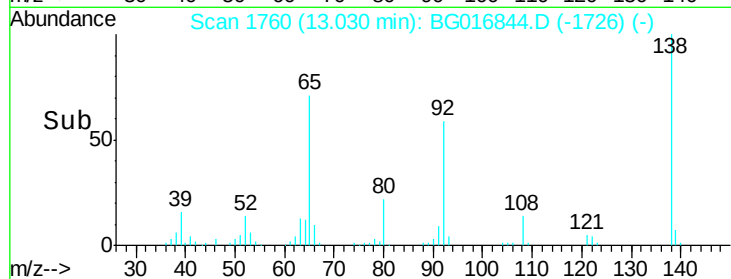
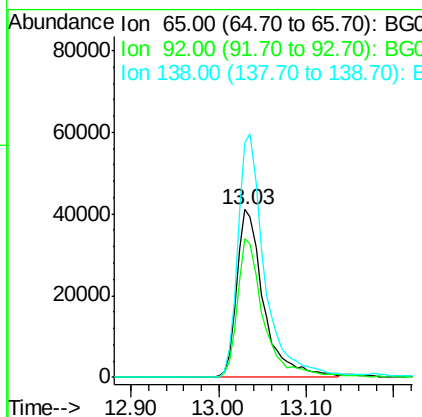
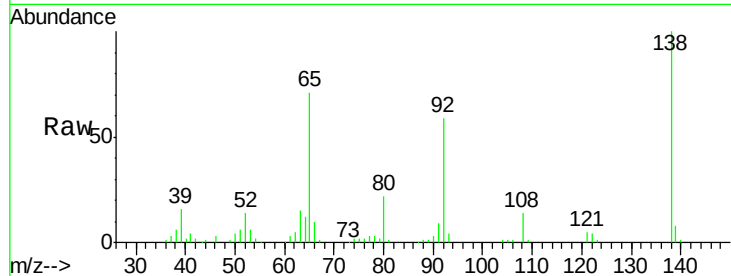




#47
2-Nitroaniline
Concen: 48.24 ng
RT: 13.03 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

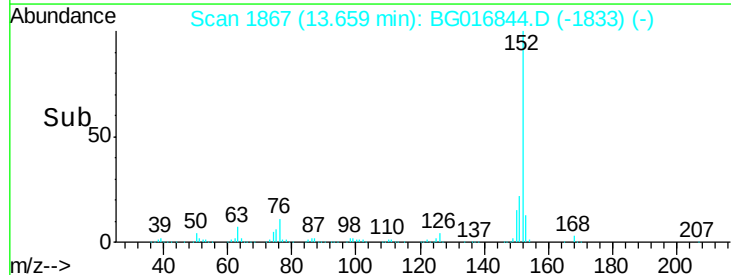
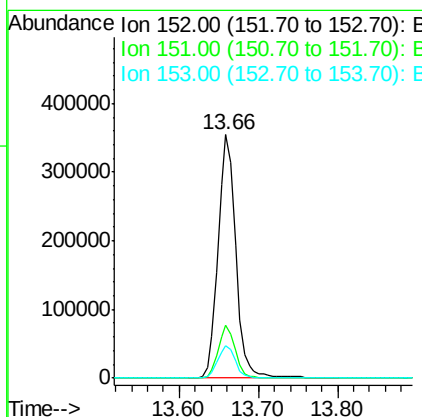
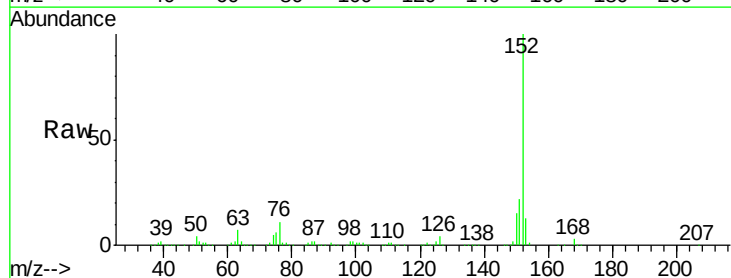
Instrument :
BNA_G
ClientSampleId :
PB83075BS

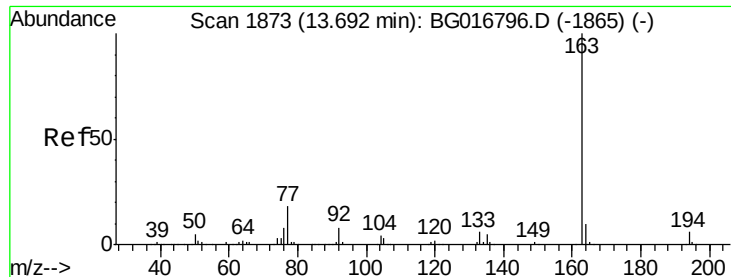
Tot Ion: 65 Resp: 85296
Ion Ratio Lower Upper
65 100
92 82.8 69.0 103.6
138 140.0 132.4 198.6



#48
Acenaphthylene
Concen: 43.72 ng
RT: 13.66 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion: 152 Resp: 550388
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 42.06 ng

RT: 13.42 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

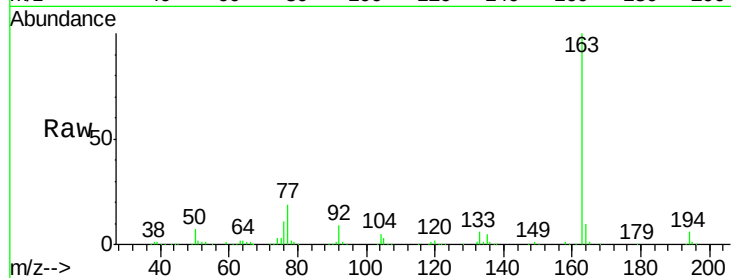
Tot Ion:163 Resp: 376477

Ion Ratio Lower Upper

163 100

194 5.9 4.7 7.1

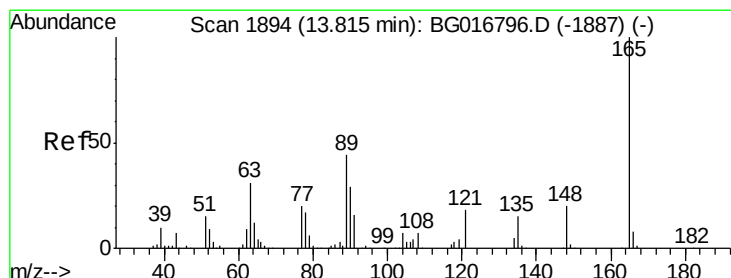
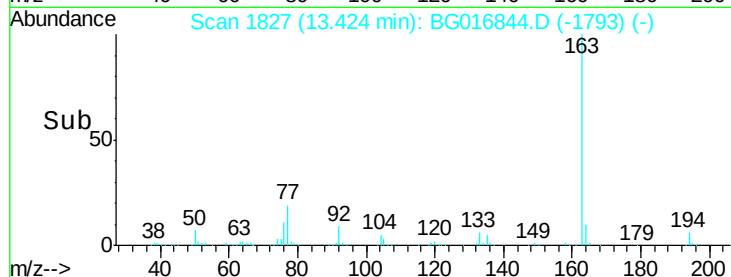
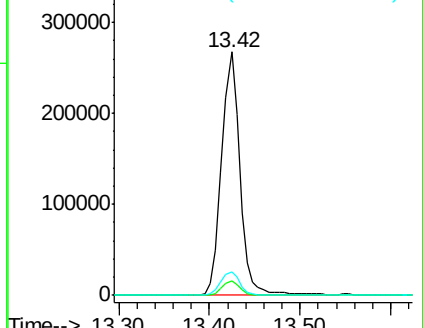
164 9.7 8.2 12.2



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: 41.60 ng

RT: 13.55 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

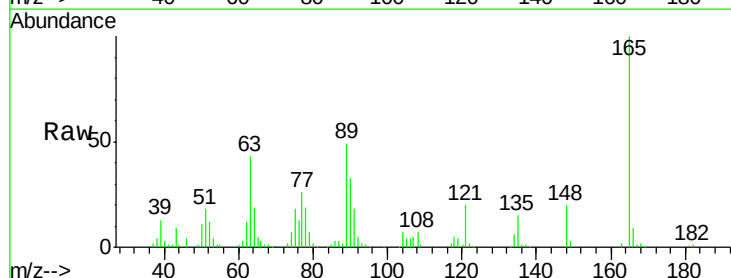
Tgt Ion:165 Resp: 91175

Ion Ratio Lower Upper

165 100

63 43.4 28.4 42.6#

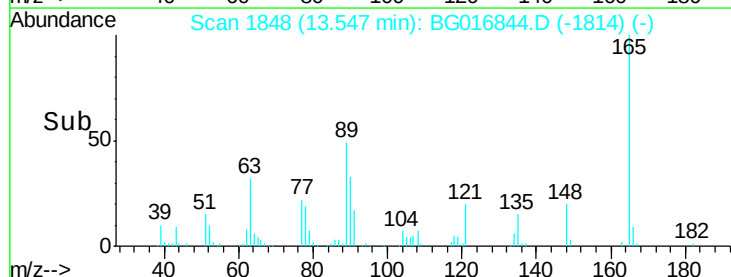
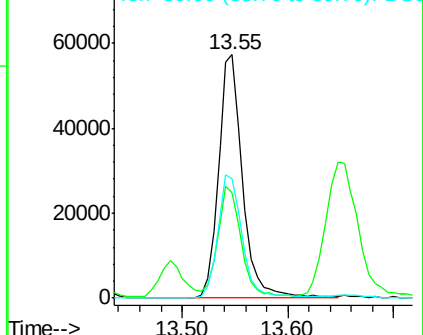
89 49.0 35.0 52.4

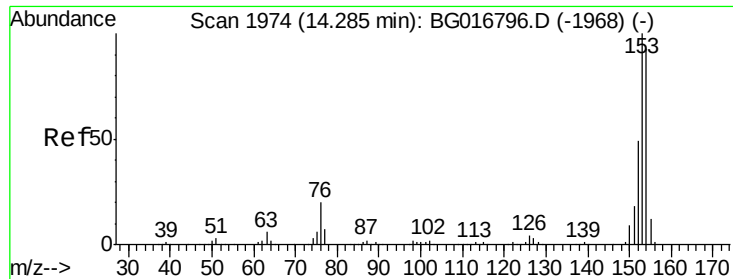


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.59 ng

RT: 14.01 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

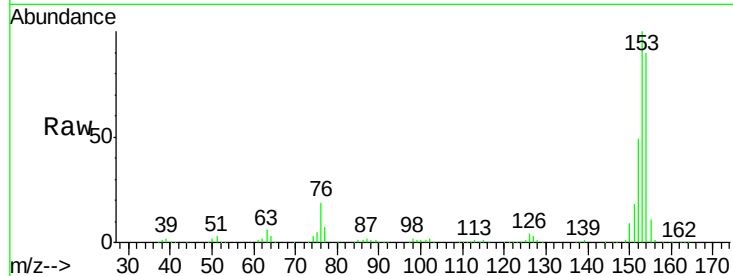
Tot Ion:154 Resp: 326447

Ion Ratio Lower Upper

154 100

153 110.8 86.4 129.6

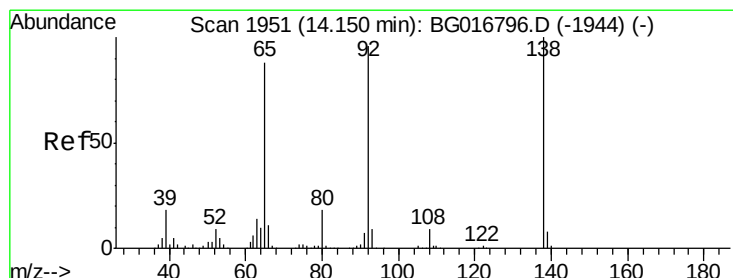
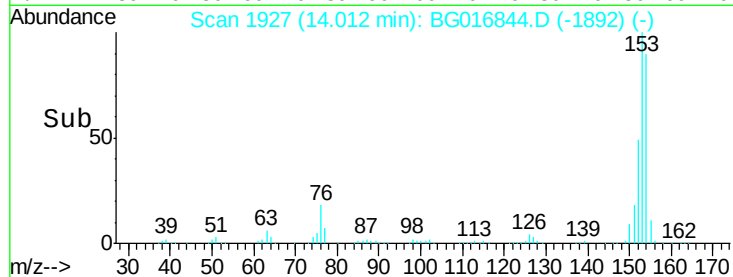
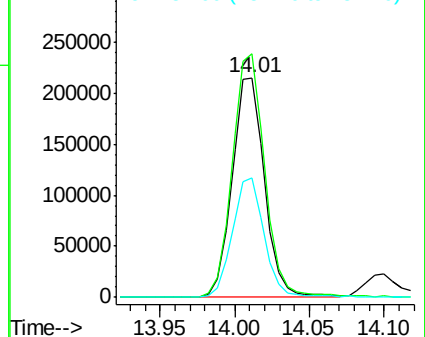
152 54.2 41.9 62.9



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: 27.30 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

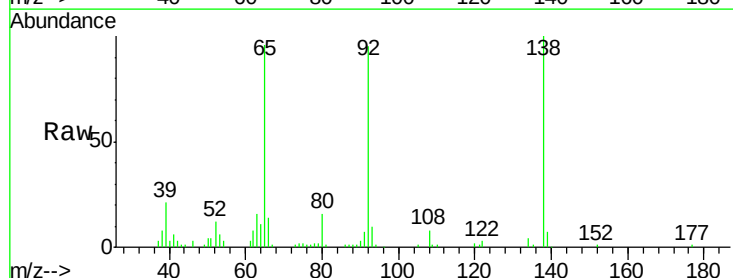
Tgt Ion:138 Resp: 67617

Ion Ratio Lower Upper

138 100

108 7.7 7.2 10.8

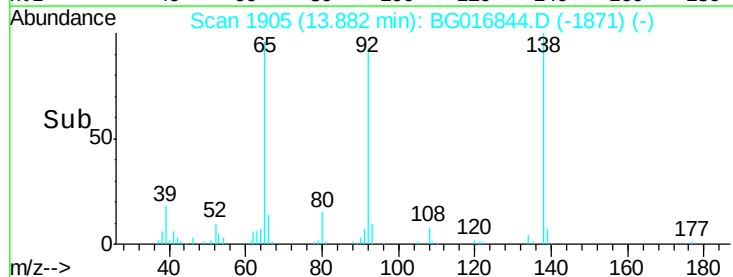
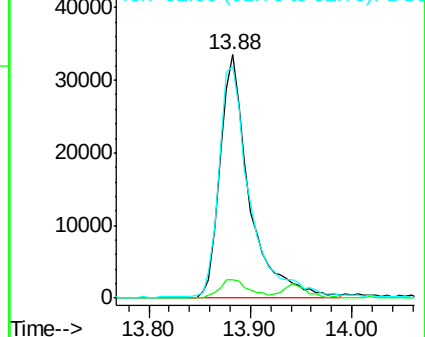
92 95.2 77.0 115.4

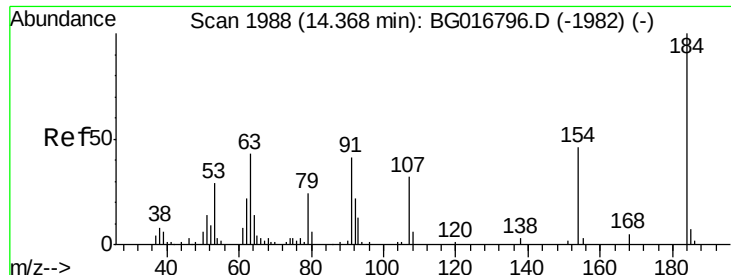


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

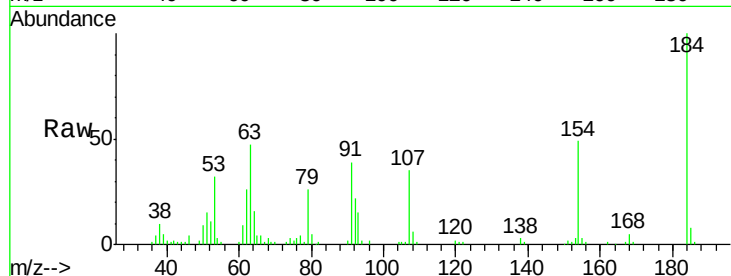




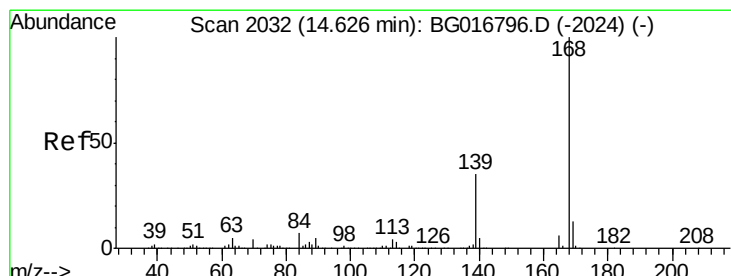
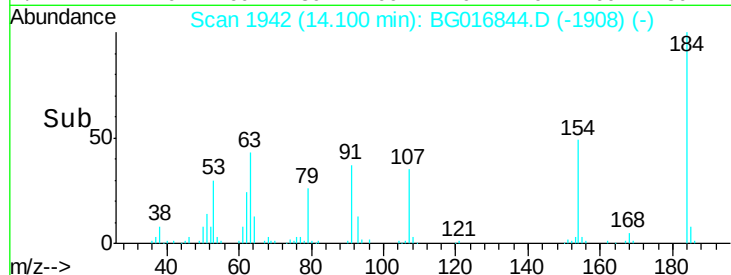
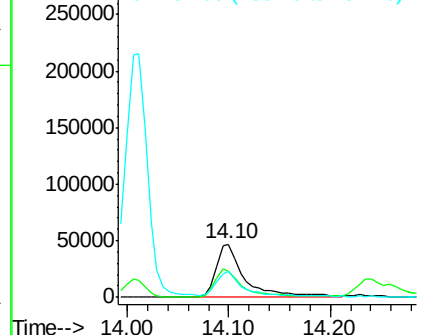
#53
 2,4-Dinitrophenol
 Concen: 80.91 ng
 RT: 14.10 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:184 Resp: 92897
 Ion Ratio Lower Upper
 184 100
 63 47.5 34.6 51.8
 154 48.5 36.7 55.1

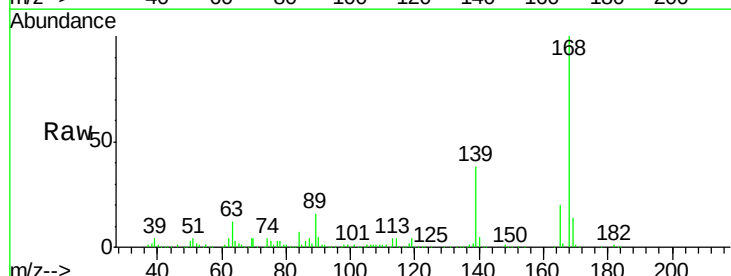


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

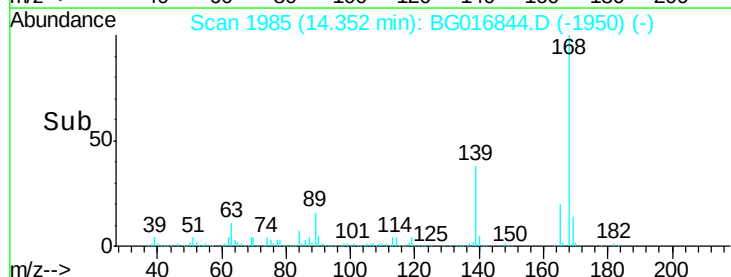
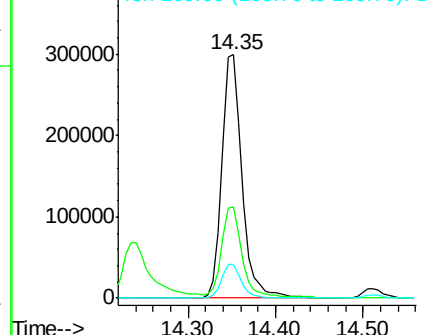


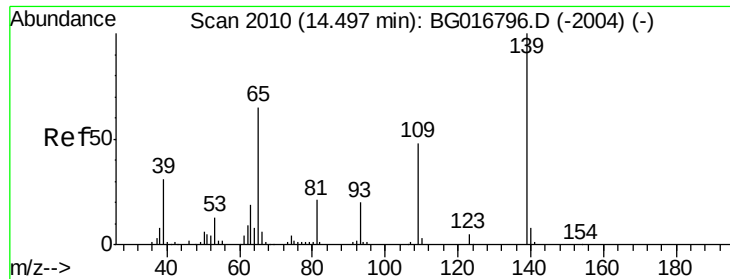
#54
 Dibenzofuran
 Concen: 45.03 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:168 Resp: 480342
 Ion Ratio Lower Upper
 168 100
 139 37.5 28.1 42.1
 169 14.0 10.7 16.1



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

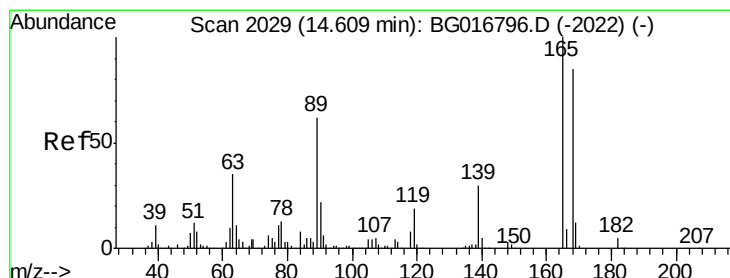
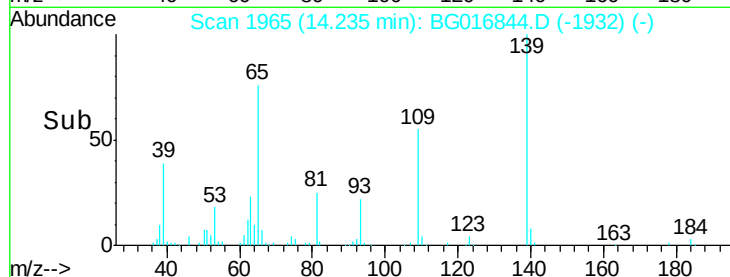
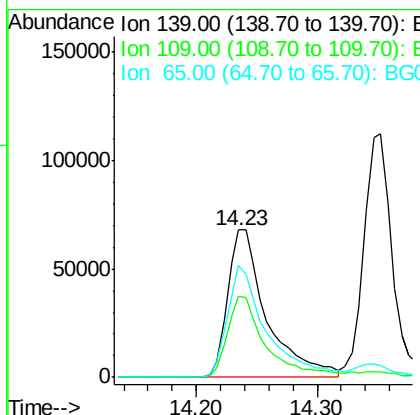
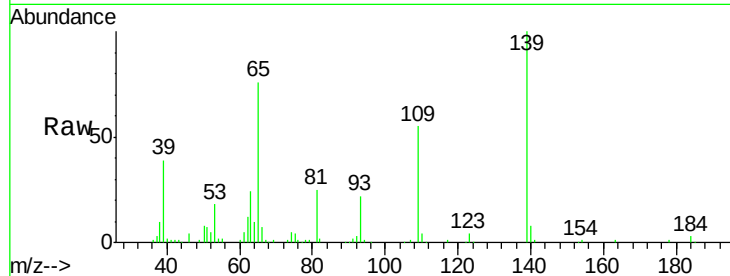




#55
4-Nitrophenol
Concen: 86.21 ng
RT: 14.23 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

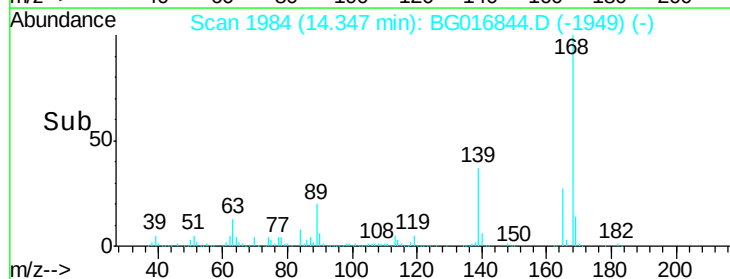
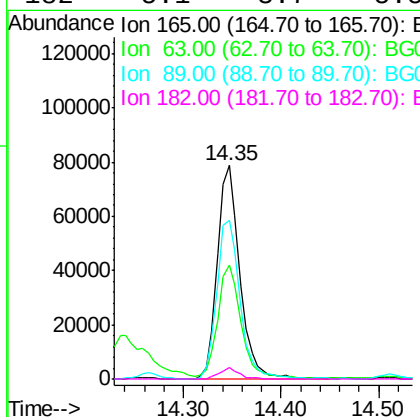
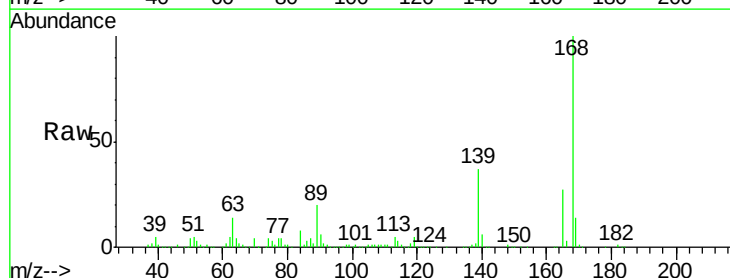
Instrument :
BNA_G
ClientSampleId :
PB83075BS

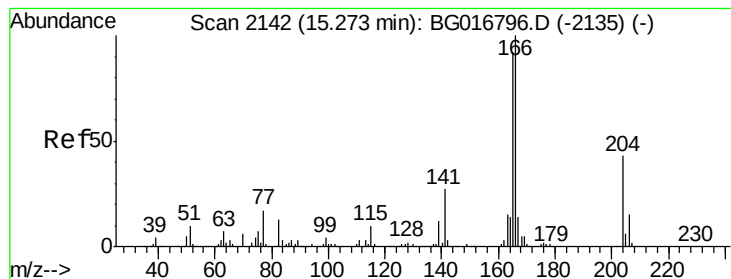
Tot Ion:139 Resp: 153349
Ion Ratio Lower Upper
139 100
109 55.2 27.8 67.8
65 76.3 45.4 85.4



#56
2,4-Dinitrotoluene
Concen: 42.32 ng
RT: 14.35 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:165 Resp: 126329
Ion Ratio Lower Upper
165 100
63 53.3 28.2 42.4#
89 74.6 49.4 74.0#
182 5.1 3.7 5.5





#57

Fluorene

Concen: 44.31 ng

RT: 15.00 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

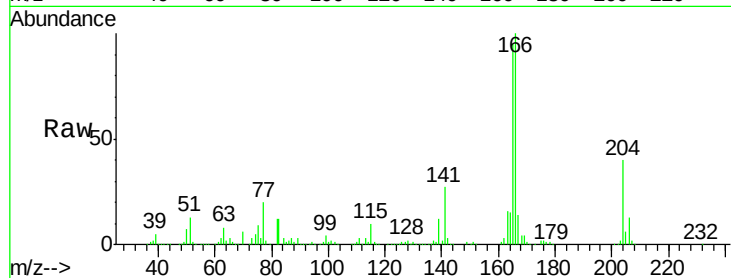
Tot Ion:166 Resp: 415290

Ion Ratio Lower Upper

166 100

165 94.7 73.5 110.3

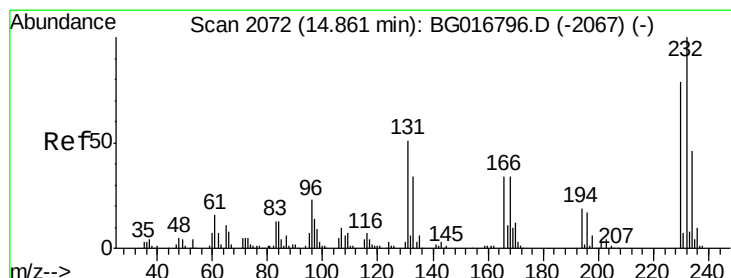
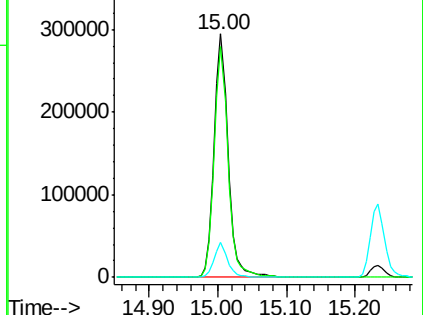
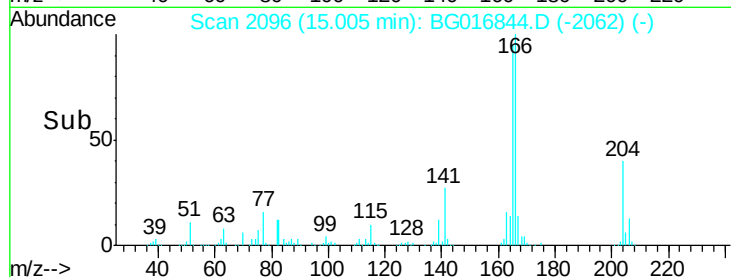
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.90 ng

RT: 14.59 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Tgt Ion:232 Resp: 77516

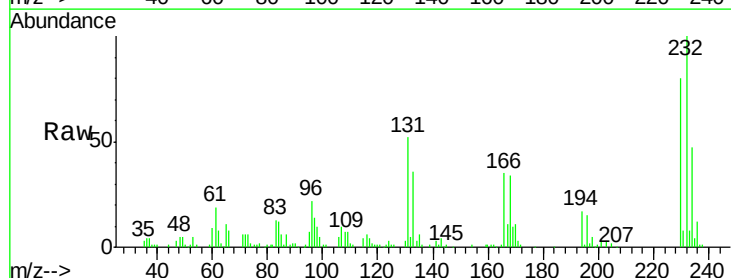
Ion Ratio Lower Upper

232 100

131 49.8 39.9 59.9

130 2.6 2.3 3.5

166 32.3 27.8 41.8

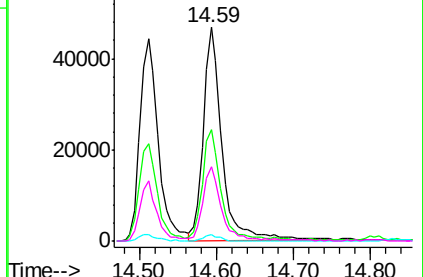
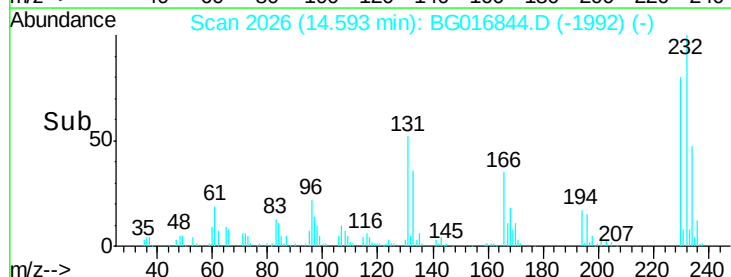


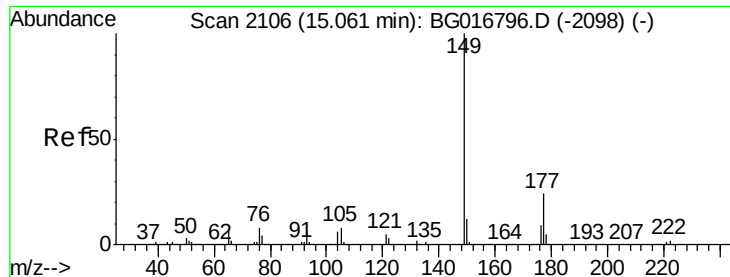
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

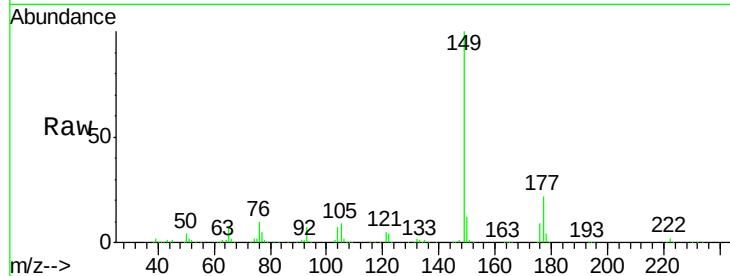




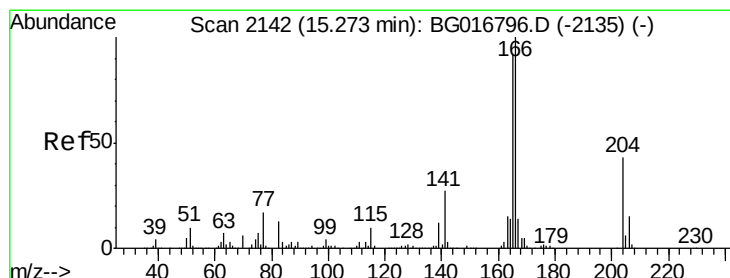
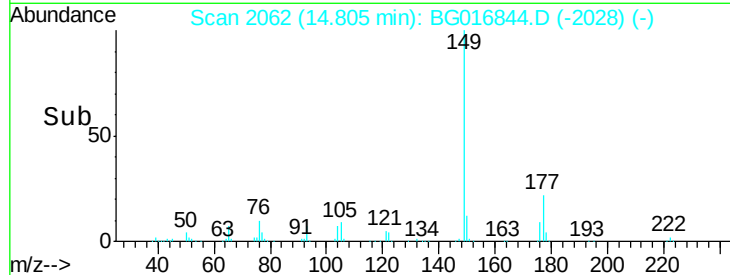
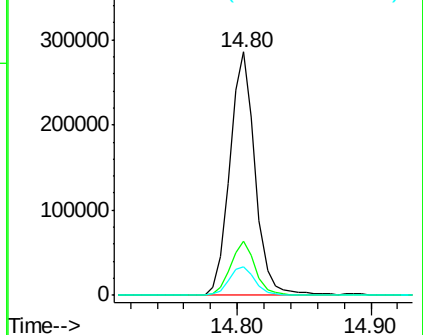
#59
Diethylphthalate
Concen: 41.03 ng
RT: 14.80 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Instrument :
BNA_G
ClientSampleId :
PB83075BS

Tot Ion:149 Resp: 379803
Ion Ratio Lower Upper
149 100
177 22.0 19.0 28.4
150 11.9 9.7 14.5

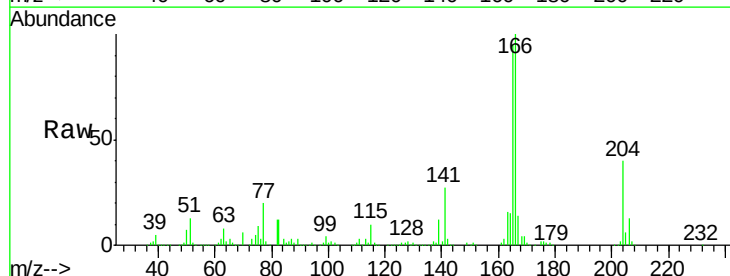


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

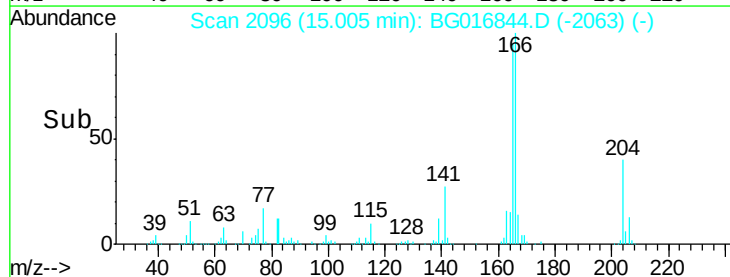
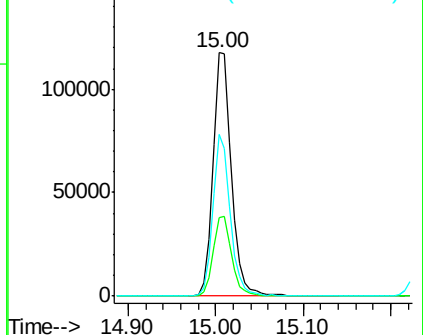


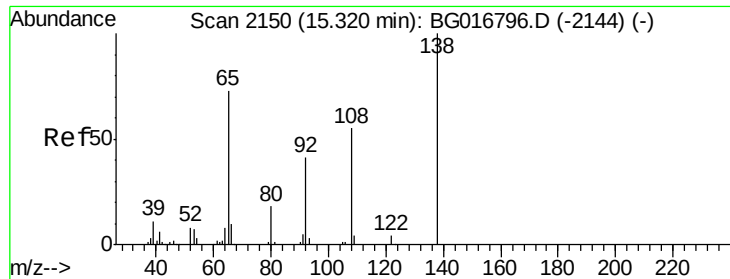
#60
4-Chlorophenyl-phenylether
Concen: 43.58 ng
RT: 15.00 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:204 Resp: 172470
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 66.5 50.4 75.6



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

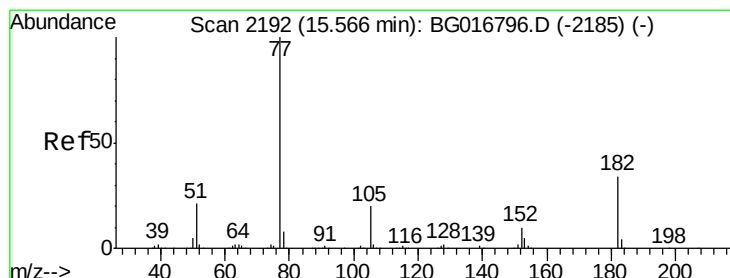
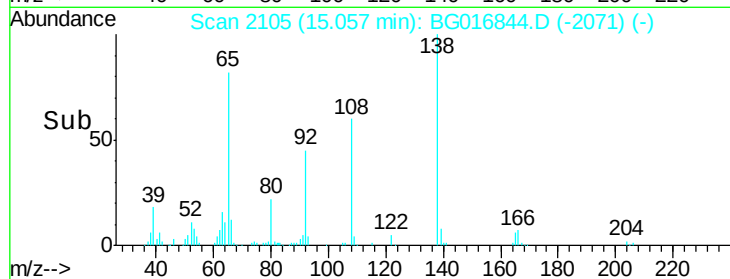
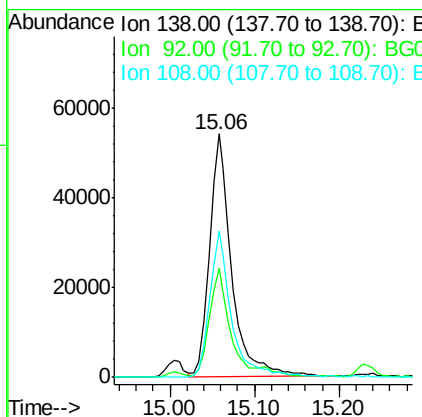
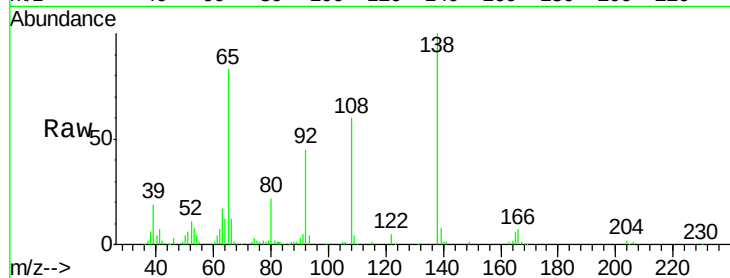




#61
4-Nitroaniline
Concen: 39.66 ng
RT: 15.06 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

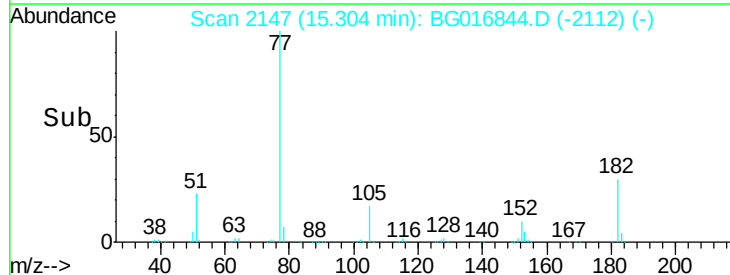
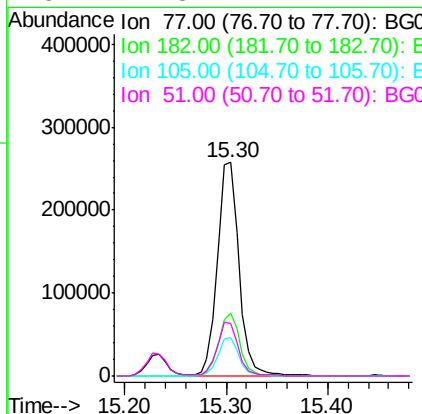
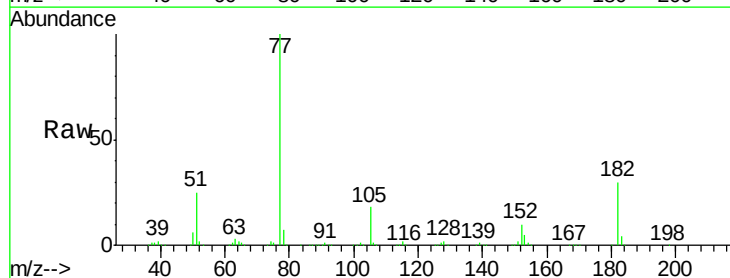
Instrument :
BNA_G
ClientSampleId :
PB83075BS

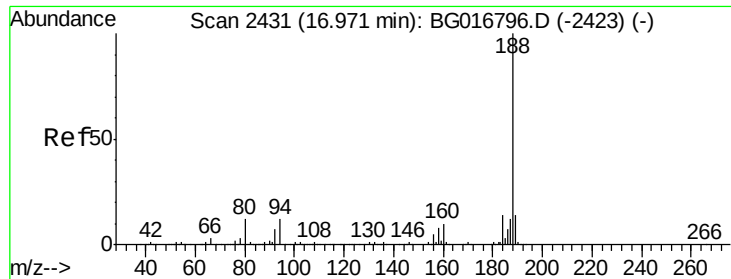
Tot Ion:138 Resp: 99158
Ion Ratio Lower Upper
138 100
92 44.9 20.4 60.4
108 59.9 33.8 73.8



#62
Azobenzene
Concen: 49.76 ng
RT: 15.30 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion: 77 Resp: 381070
Ion Ratio Lower Upper
77 100
182 29.6 13.6 53.6
105 18.1 0.0 39.9
51 24.8 1.1 41.1

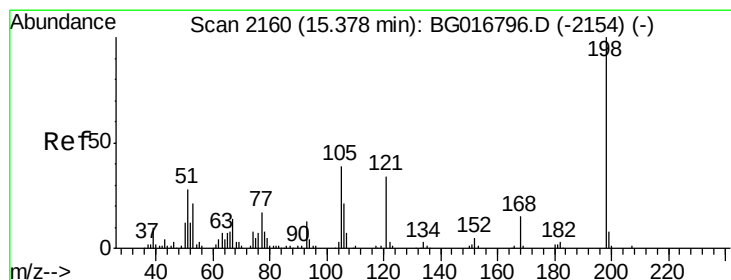
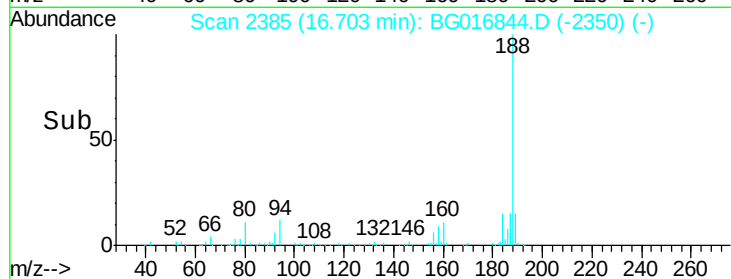
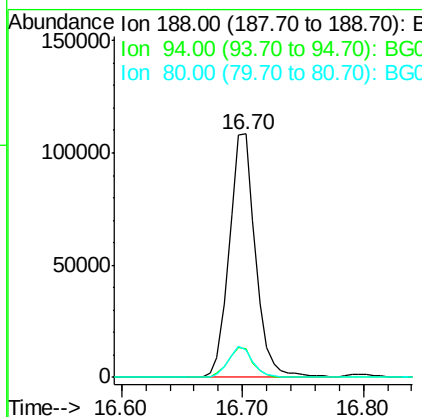
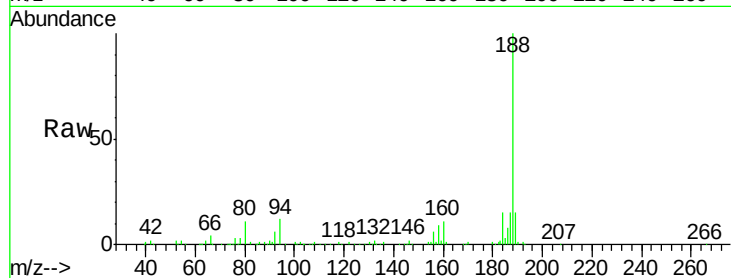




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.70 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

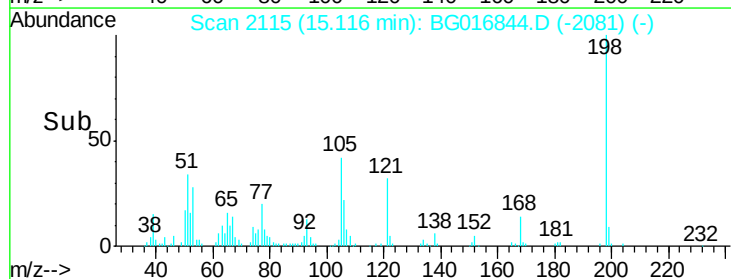
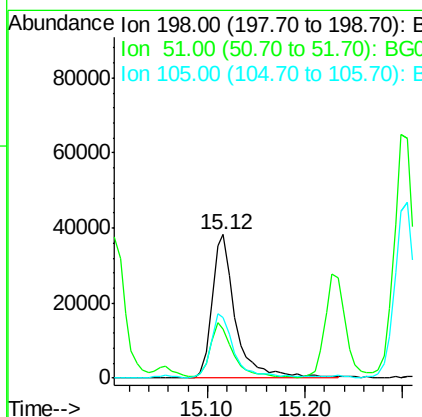
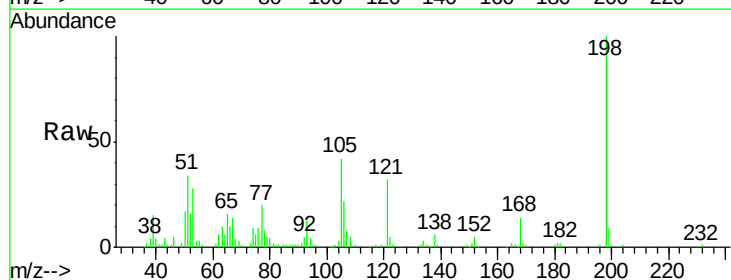
Instrument :
BNA_G
ClientSampleId :
PB83075BS

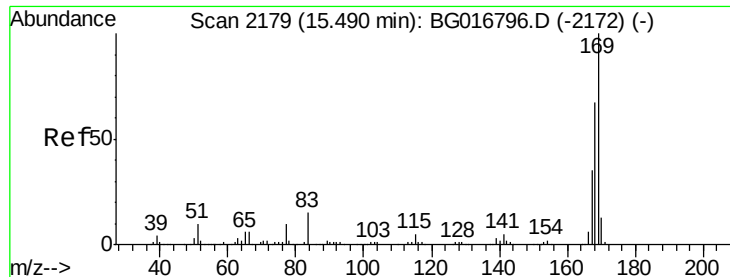
Tot Ion:188 Resp: 163953
Ion Ratio Lower Upper
188 100
94 11.9 9.5 14.3
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 58.94 ng
RT: 15.12 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:198 Resp: 63349
Ion Ratio Lower Upper
198 100
51 34.3 9.6 49.6
105 42.4 19.3 59.3

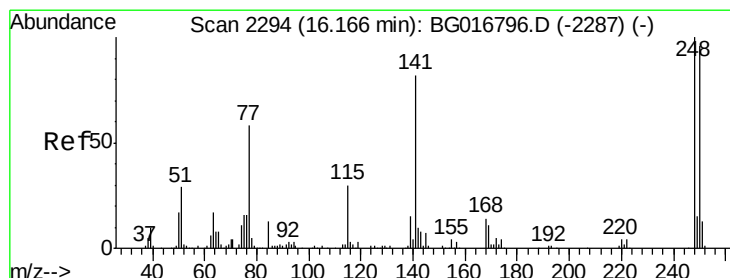
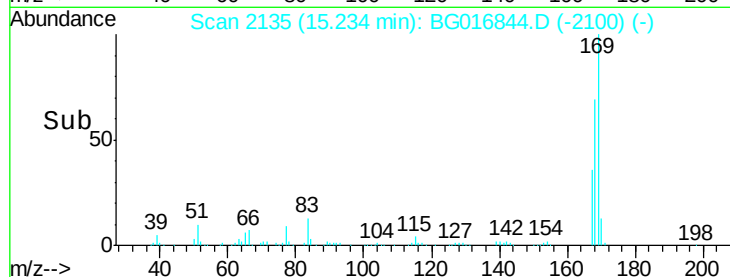
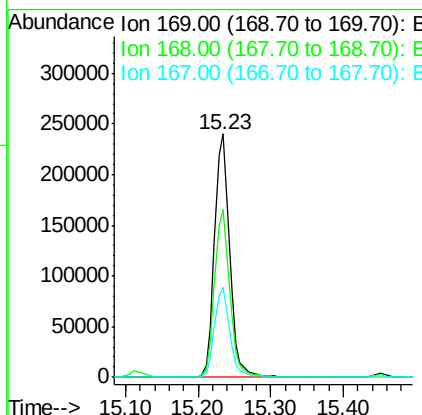
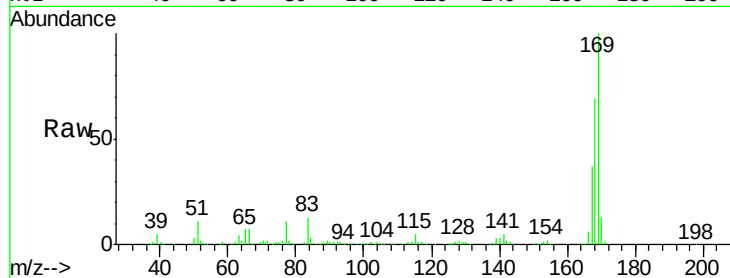




#65
 n-Nitrosodiphenylamine
 Concen: 66.21 ng
 RT: 15.23 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

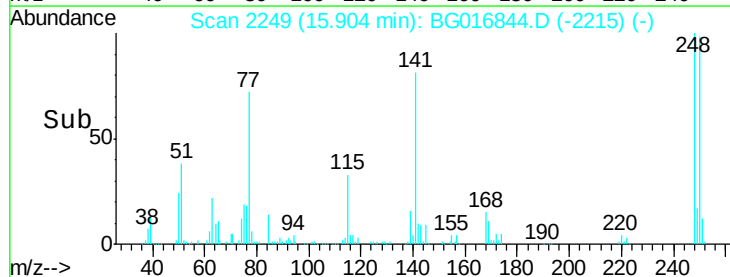
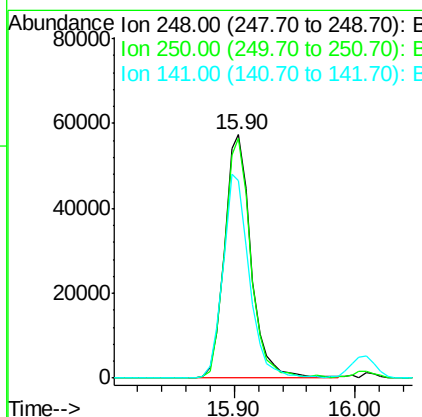
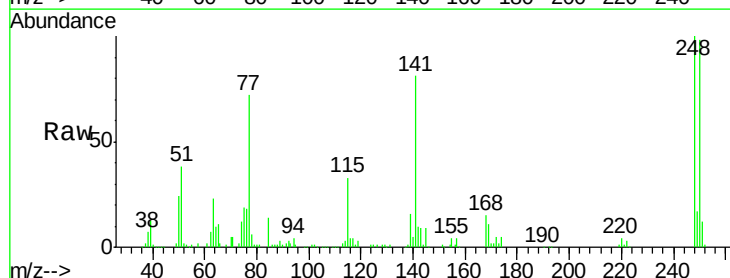
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

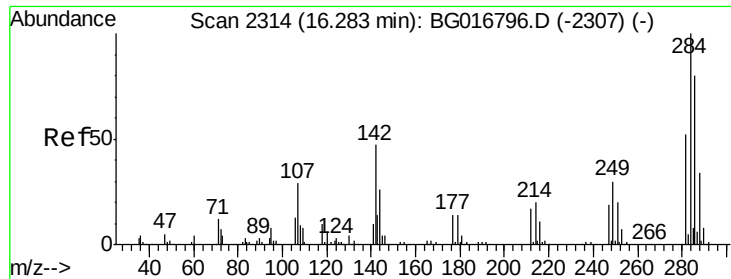
Tot Ion:169 Resp: 351977
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.4 80.0
 167 37.1 28.0 42.0



#66
 4-Bromophenyl-phenylether
 Concen: 66.17 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:248 Resp: 87133
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 81.1 65.2 97.8





#67

Hexachlorobenzene

Concen: 50.02 ng

RT: 16.01 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

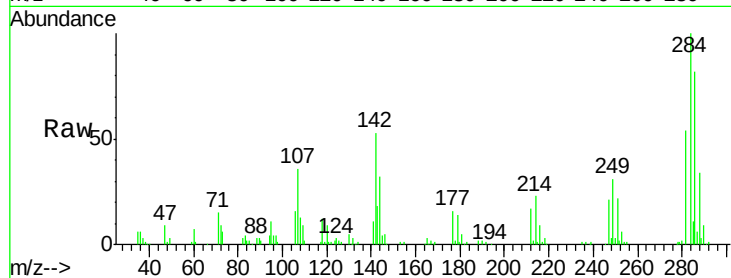
Tot Ion:284 Resp: 68905

Ion Ratio Lower Upper

284 100

142 53.5 37.3 55.9

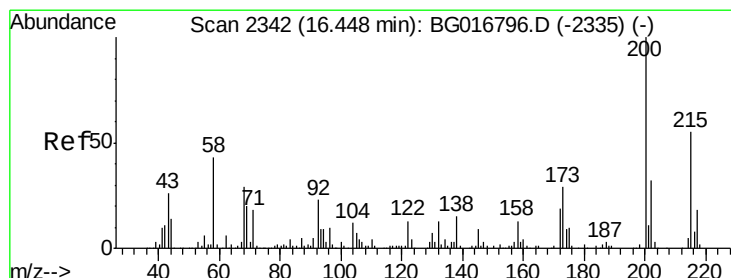
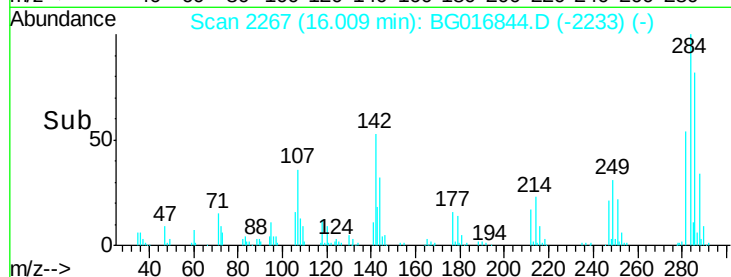
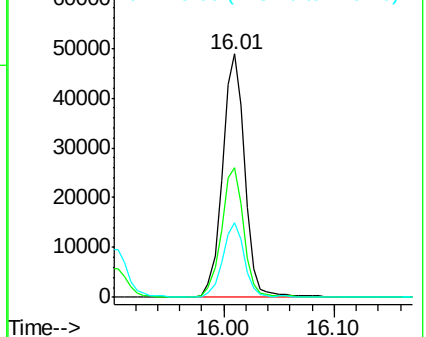
249 30.9 24.4 36.6



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: 42.41 ng

RT: 16.19 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

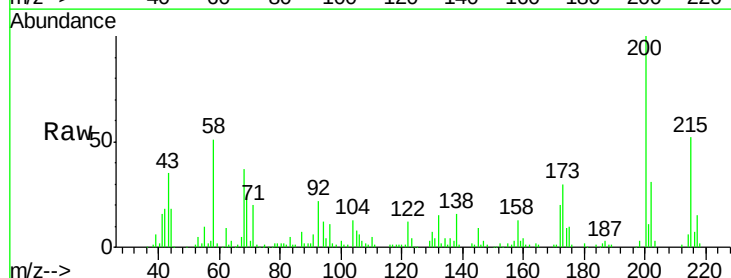
Tgt Ion:200 Resp: 65632

Ion Ratio Lower Upper

200 100

173 30.0 8.5 48.5

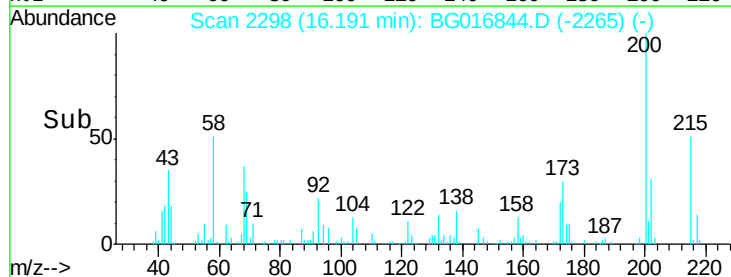
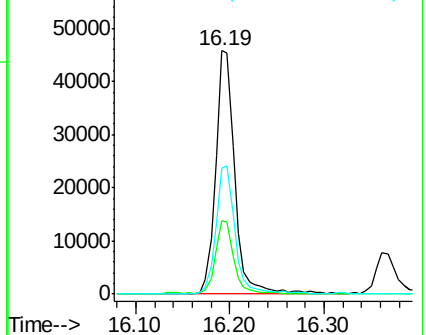
215 51.8 35.4 75.4

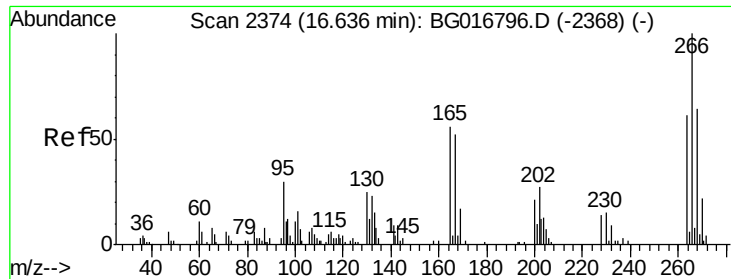


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

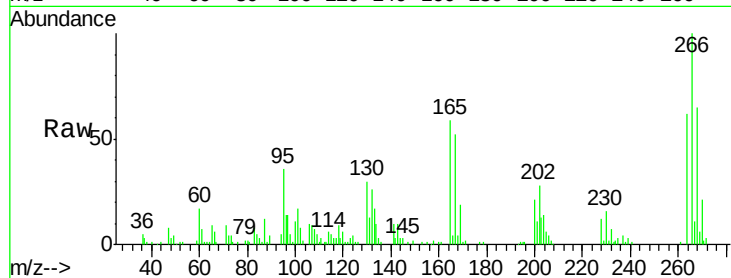




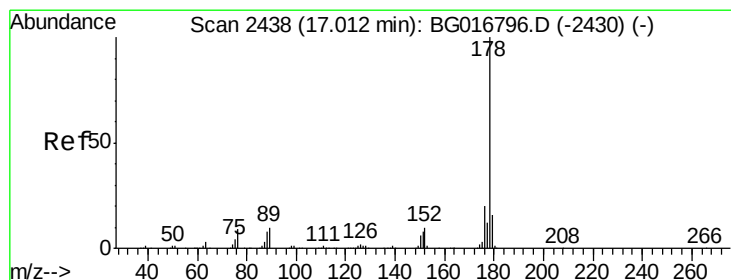
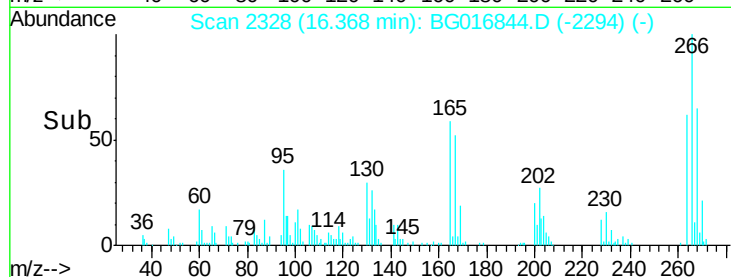
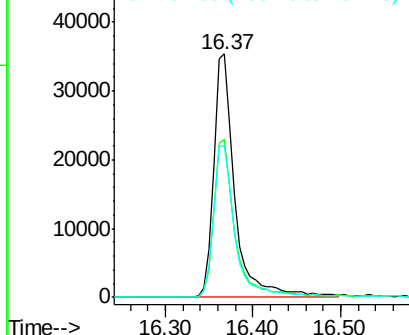
#69
 Pentachlorophenol
 Concen: 88.08 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:266 Resp: 59696
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.9 76.3
 264 62.3 49.1 73.7

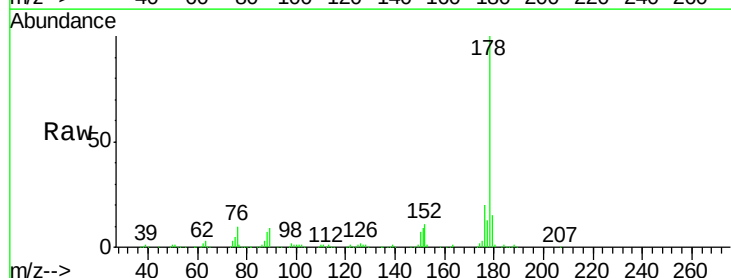


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

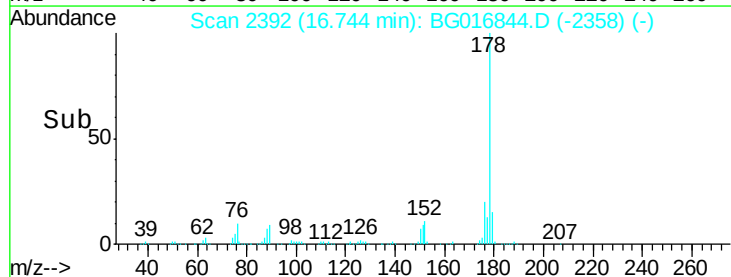
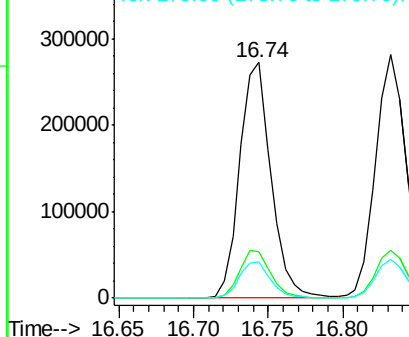


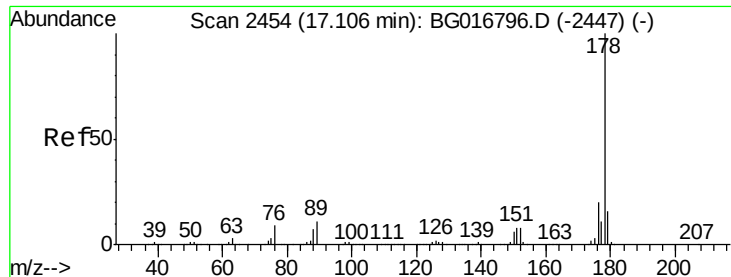
#70
 Phenanthrene
 Concen: 45.09 ng
 RT: 16.74 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:178 Resp: 399885
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.3 12.7 19.1



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

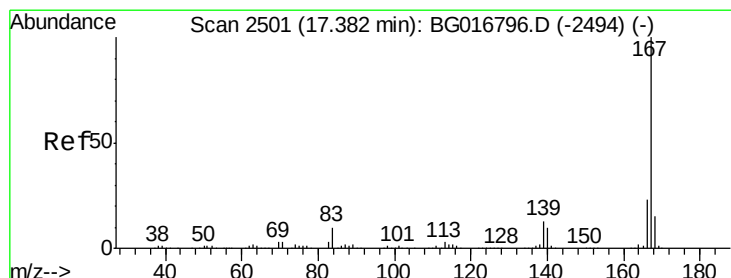
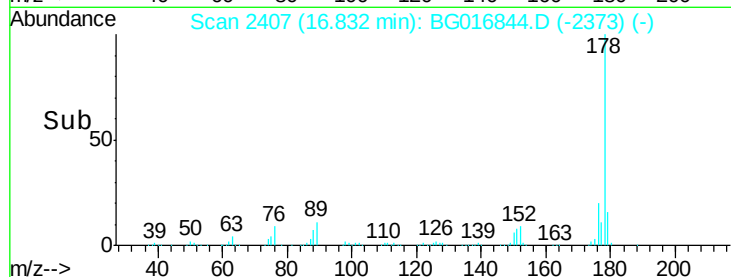
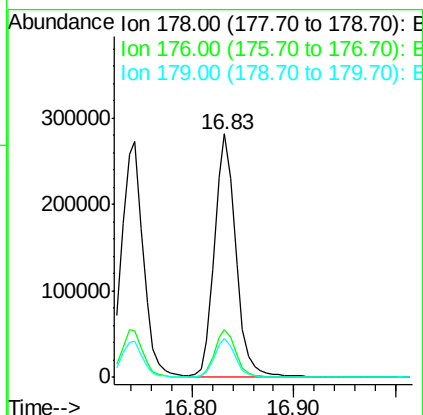
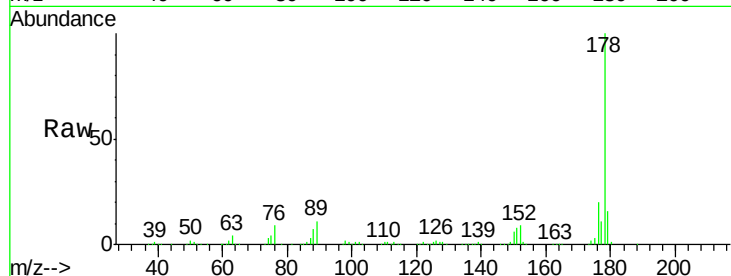




#71
 Anthracene
 Concen: 46.47 ng
 RT: 16.83 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

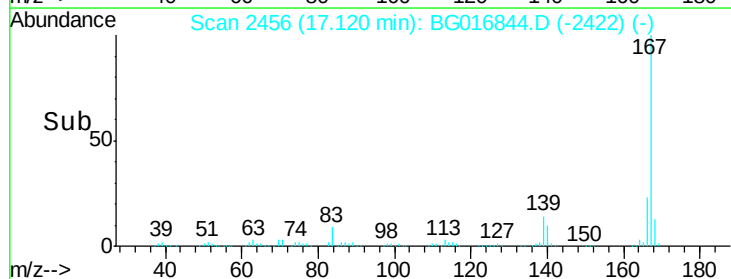
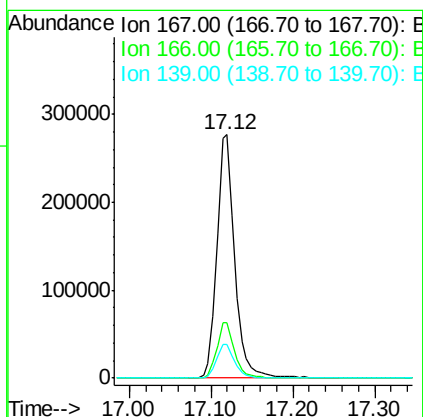
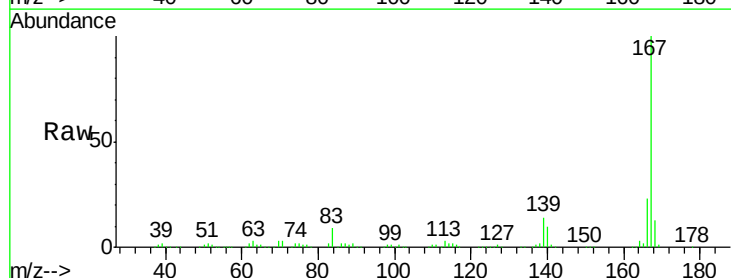
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

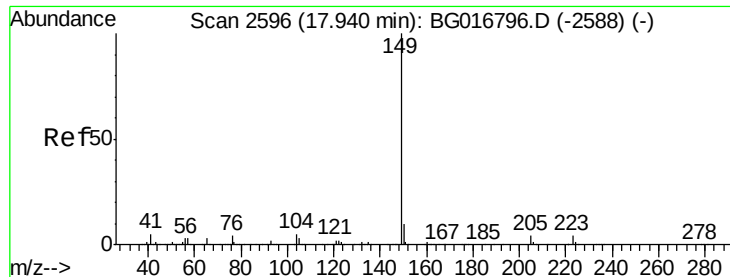
Tot Ion:178 Resp: 412157
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.1 12.6 18.8



#72
 Carbazole
 Concen: 48.69 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:167 Resp: 422394
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.8 10.6 15.8





#73

Di-n-butylphthalate

Concen: 47.64 ng

RT: 17.69 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

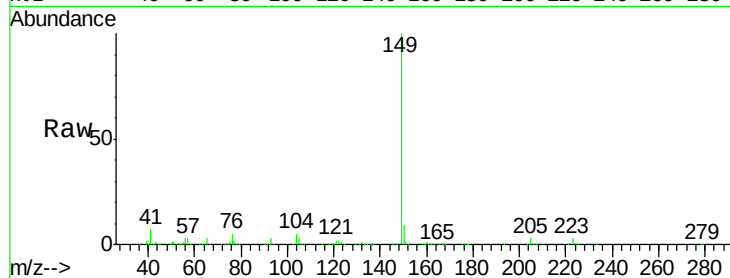
Tot Ion:149 Resp: 511183

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

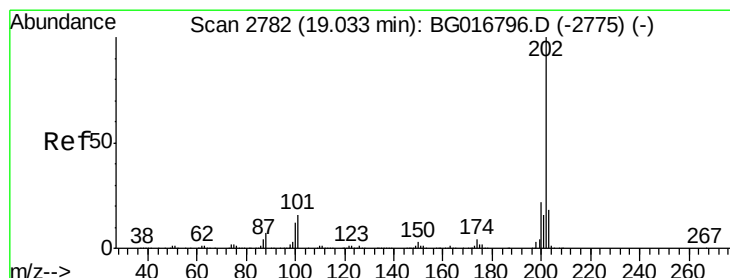
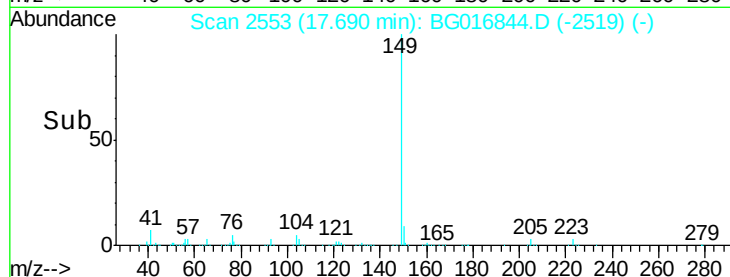
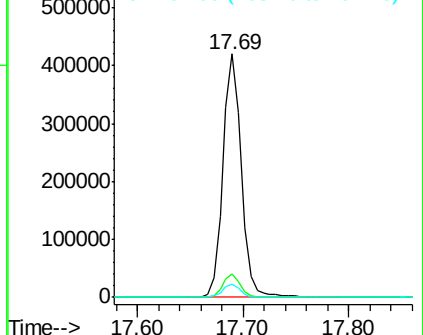
104 5.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.28 ng

RT: 18.77 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

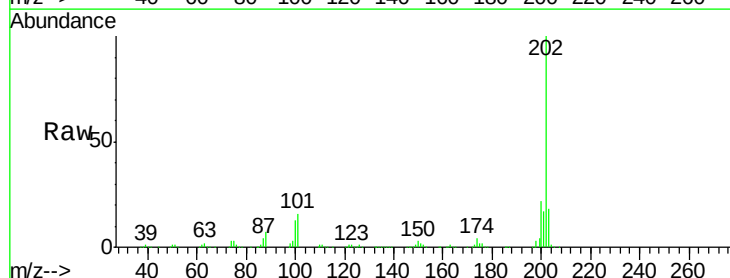
Tgt Ion:202 Resp: 431701

Ion Ratio Lower Upper

202 100

101 16.3 0.0 36.2

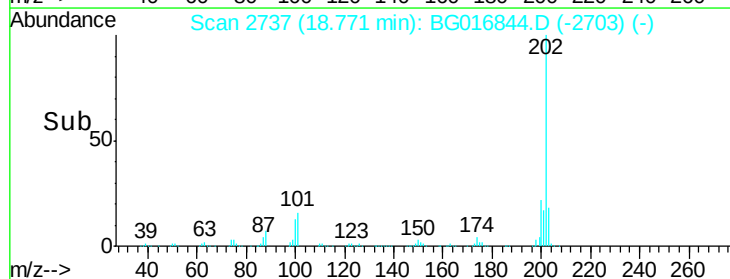
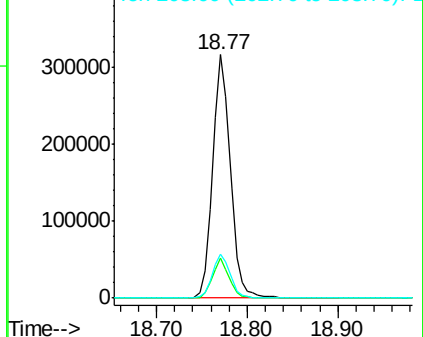
203 18.0 0.0 37.6

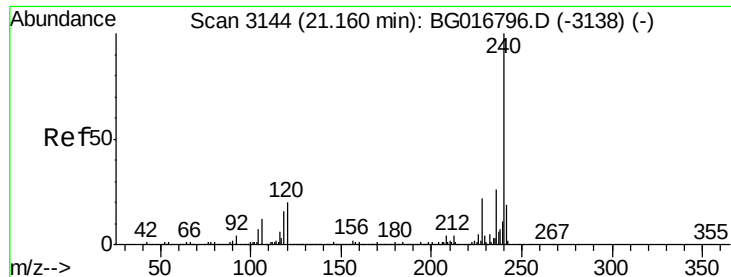


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

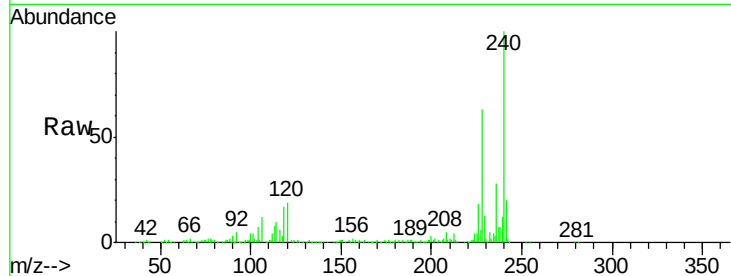
Tot Ion:240 Resp: 163662

Ion Ratio Lower Upper

240 100

120 18.7 16.1 24.1

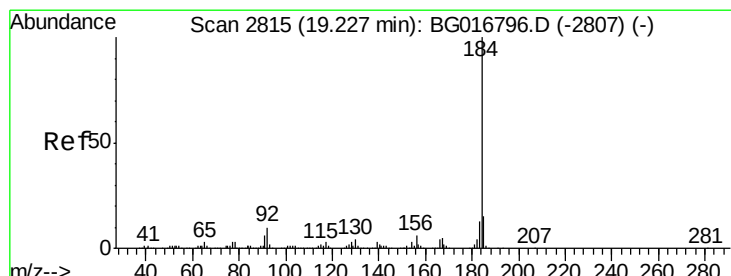
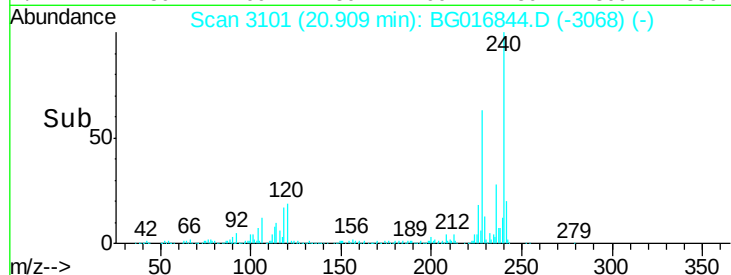
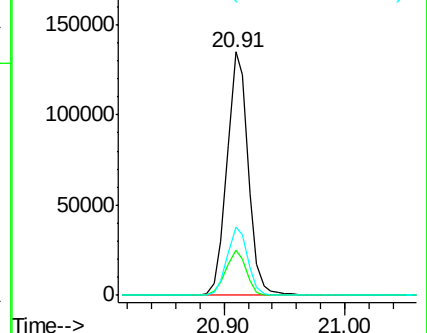
236 28.1 21.0 31.6



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: 17.70 ng

RT: 18.98 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

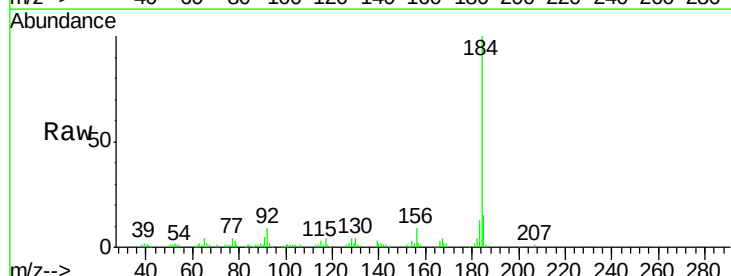
Tgt Ion:184 Resp: 111439

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

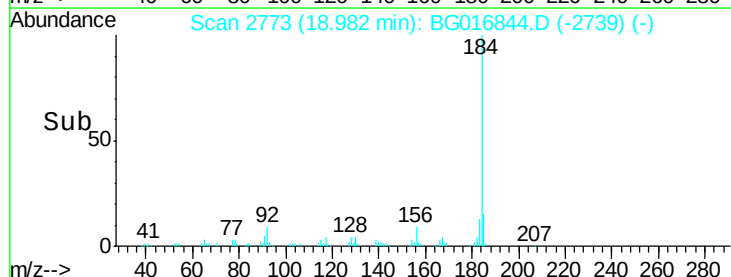
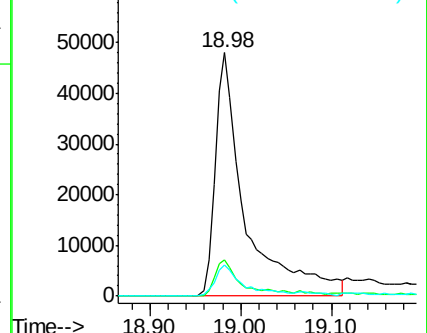
183 13.0 10.5 15.7

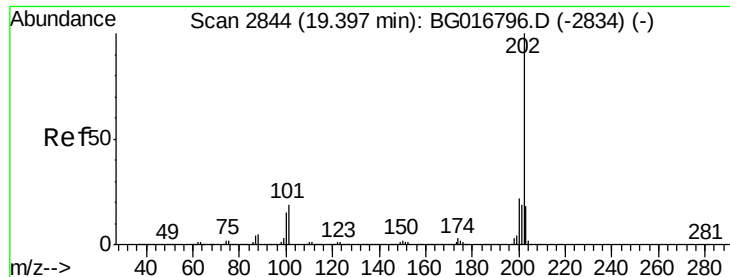


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.92 ng

RT: 19.14 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

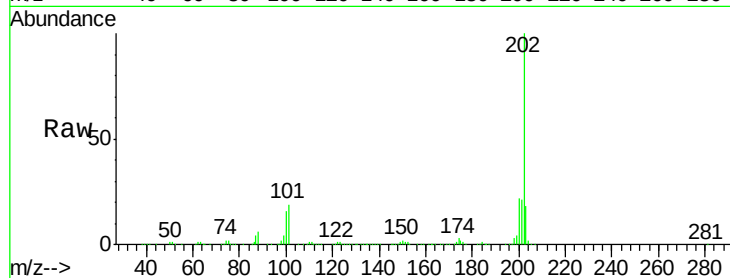
Tot Ion:202 Resp: 459270

Ion Ratio Lower Upper

202 100

200 22.2 17.3 25.9

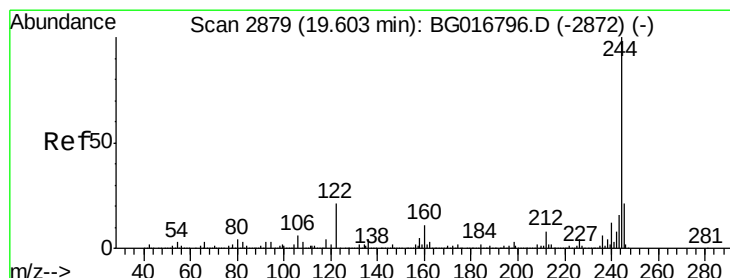
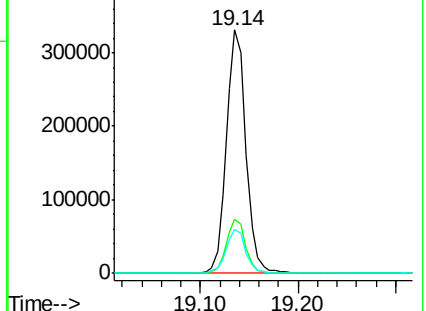
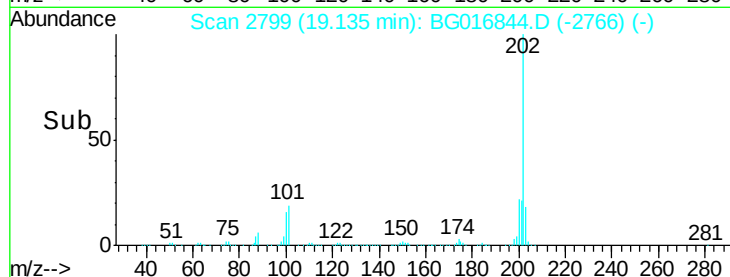
203 17.8 14.6 22.0



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: 90.87 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

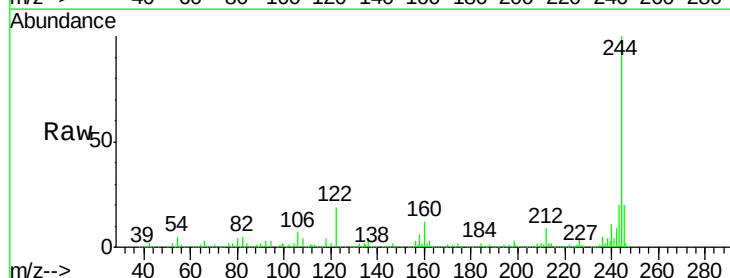
Tgt Ion:244 Resp: 616600

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

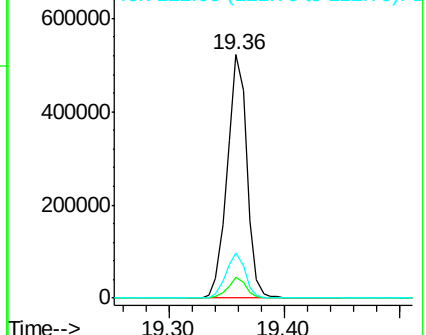
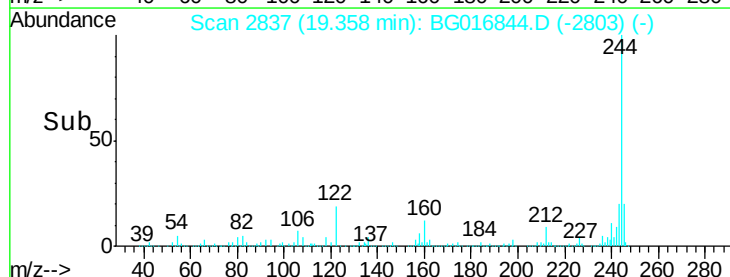
122 18.8 16.4 24.6

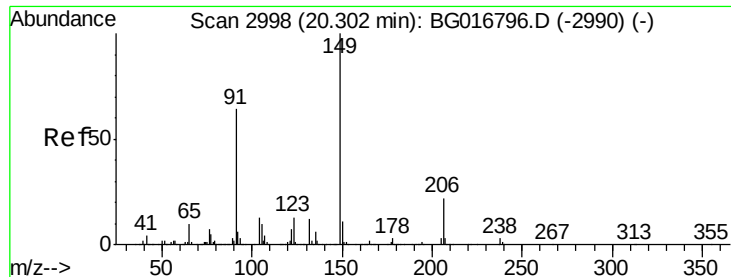


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.62 ng

RT: 20.07 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :

BNA_G

ClientSampleId :

PB83075BS

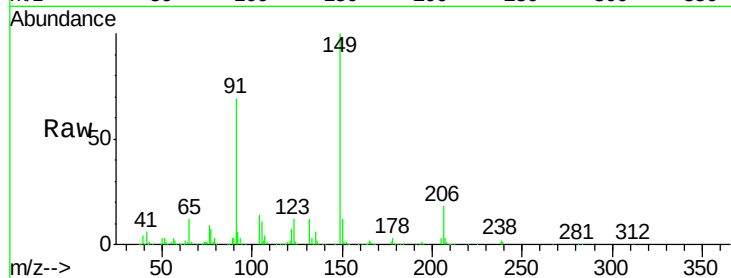
Tot Ion:149 Resp: 243249

Ion Ratio Lower Upper

149 100

91 68.8 51.3 76.9

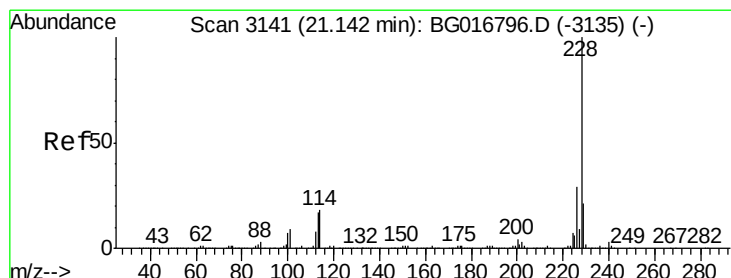
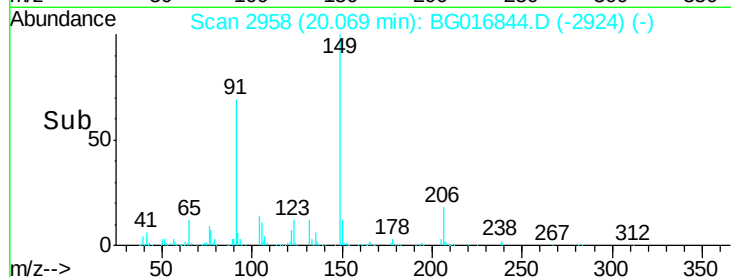
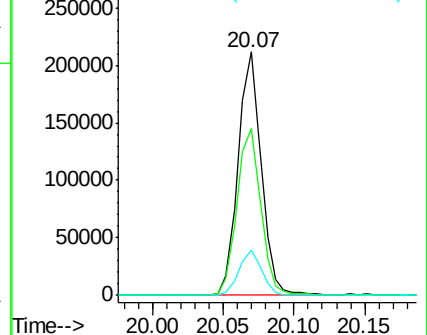
206 18.4 17.2 25.8



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: 44.56 ng

RT: 20.90 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BG016844.D

Acq: 1 May 2015 14:44

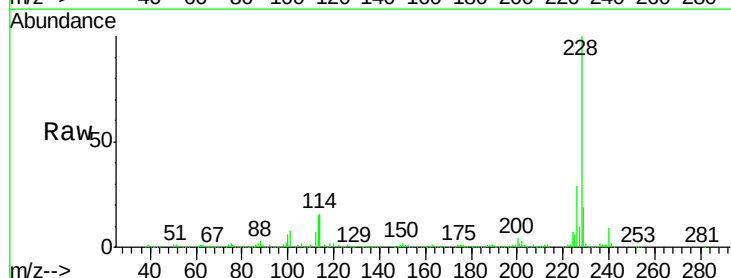
Tgt Ion:228 Resp: 421257

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

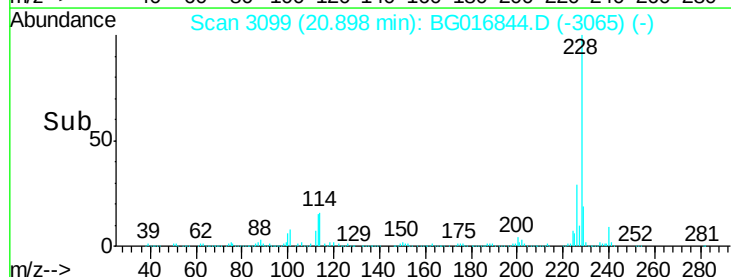
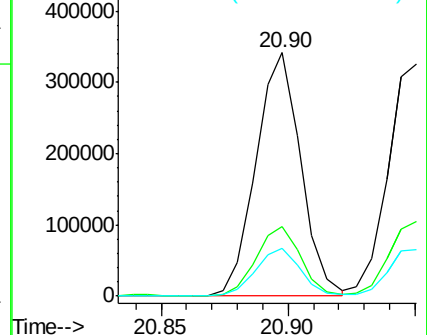
229 19.4 17.0 25.6

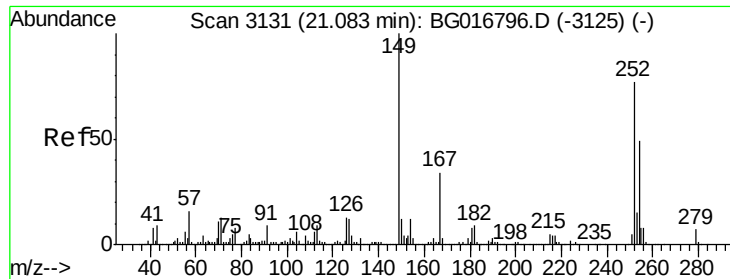


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

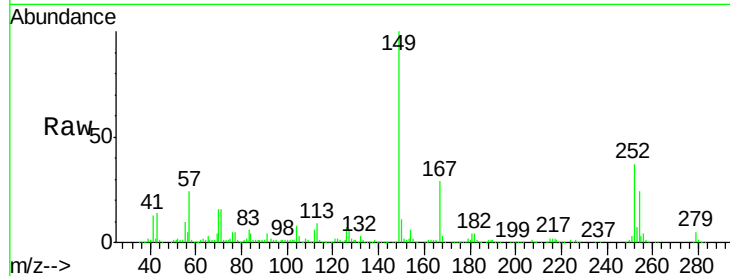




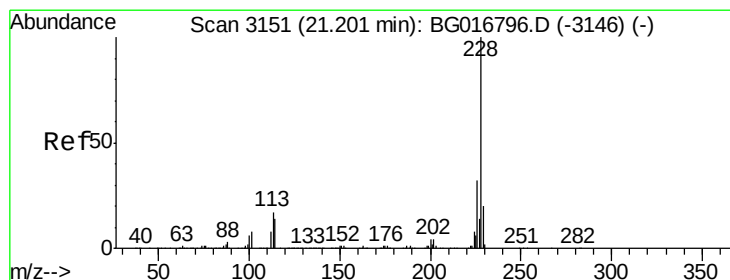
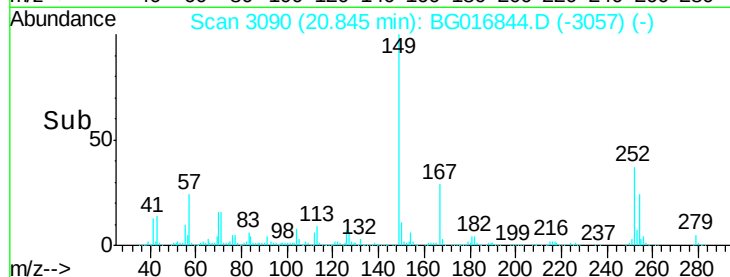
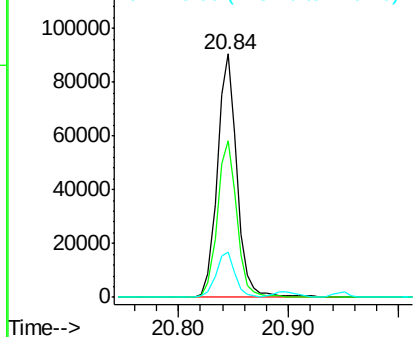
#81
 3,3'-Dichlorobenzidine
 Concen: 34.49 ng
 RT: 20.84 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion:252 Resp: 110982
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.3 76.9
 126 18.4 13.9 20.9

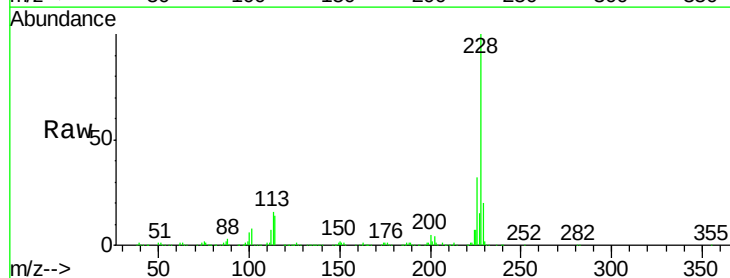


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

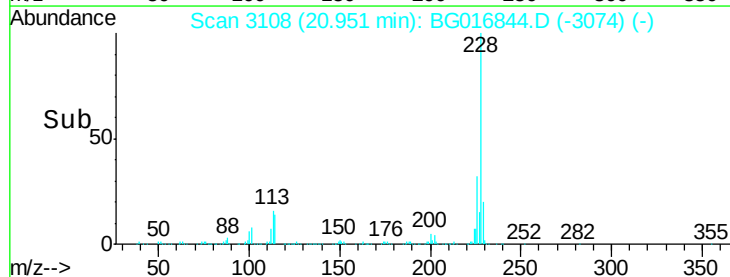
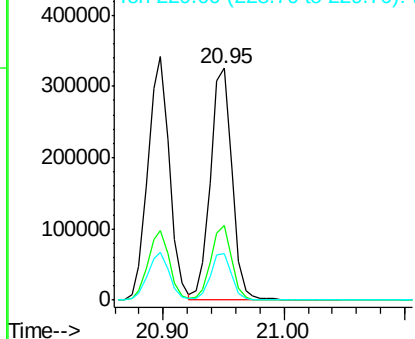


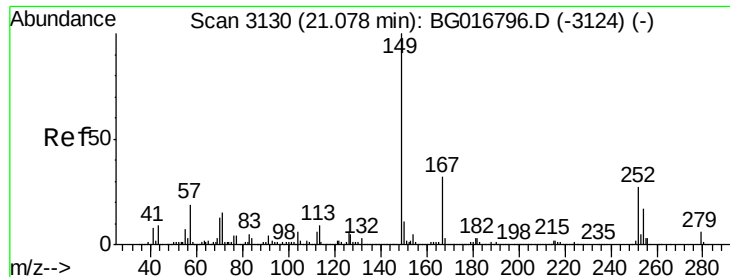
#82
 Chrysene
 Concen: 44.53 ng
 RT: 20.95 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:228 Resp: 398156
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.1 37.7
 229 20.0 16.1 24.1



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

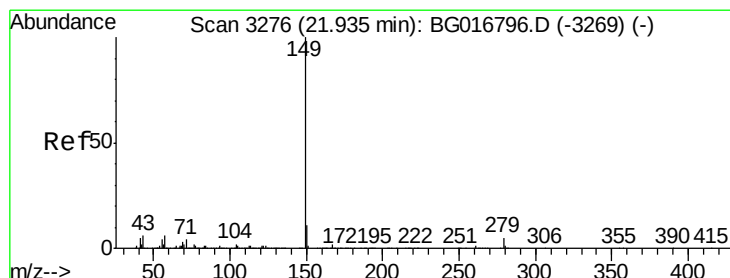
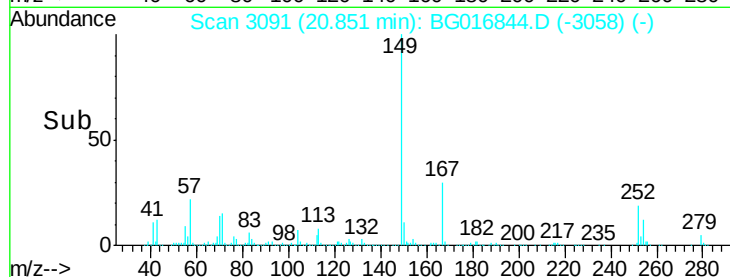
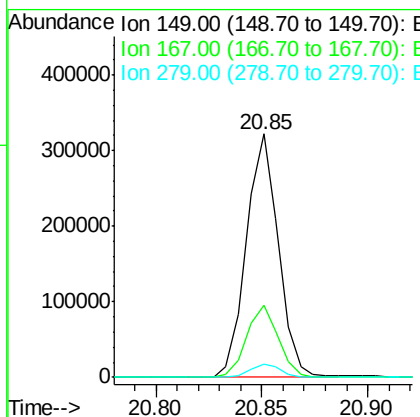
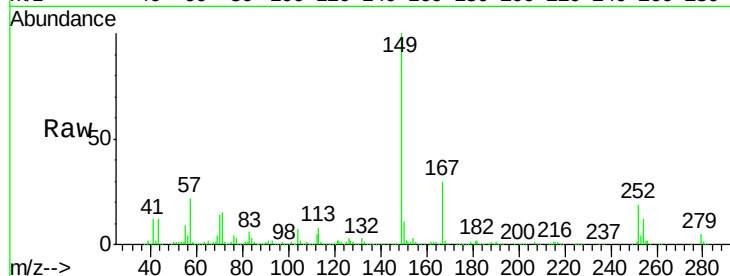




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.24 ng
 RT: 20.85 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

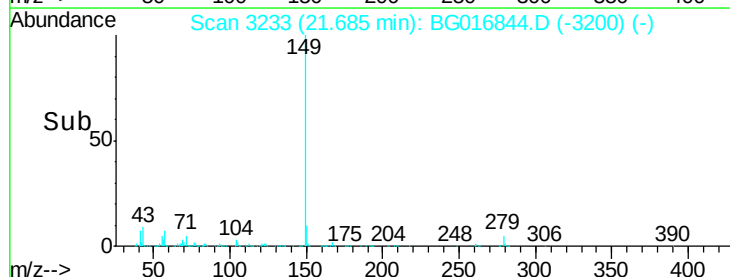
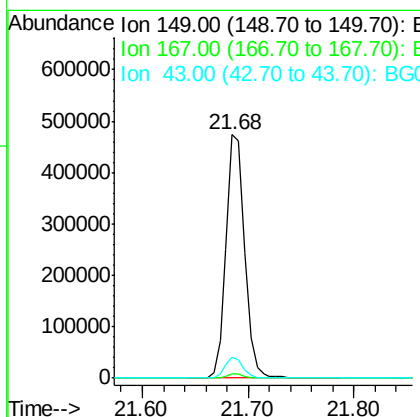
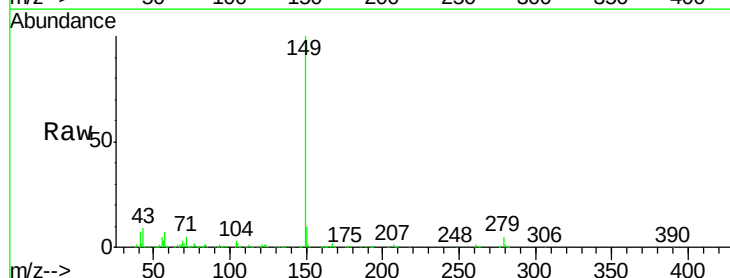
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

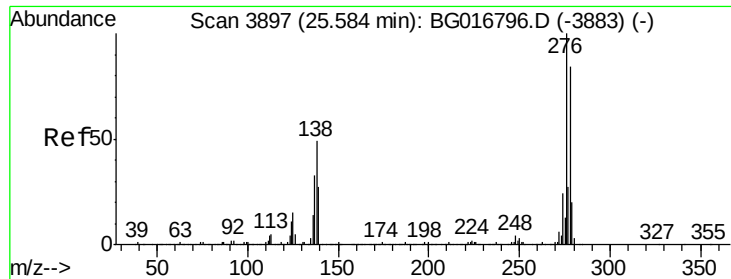
Tot Ion:149 Resp: 339423
 Ion Ratio Lower Upper
 149 100
 167 29.6 25.9 38.9
 279 5.3 5.0 7.4



#84
 Di-n-octyl phthalate
 Concen: 45.69 ng
 RT: 21.68 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion:149 Resp: 579394
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 8.2 5.2 7.8#

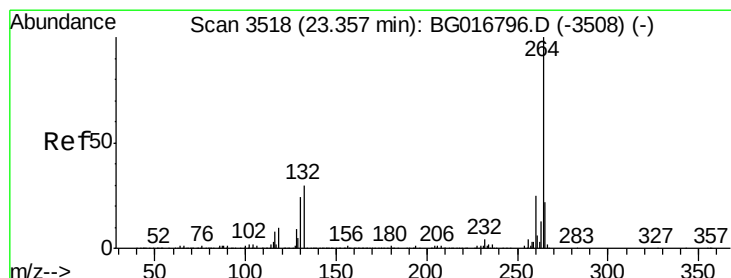
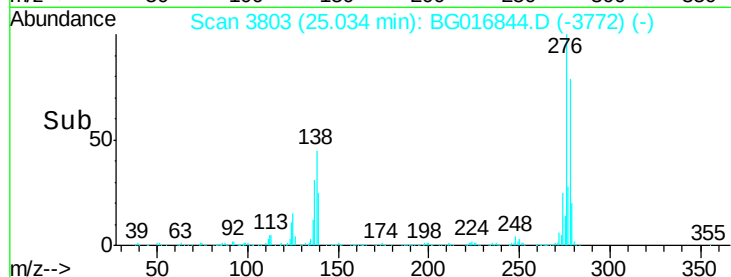
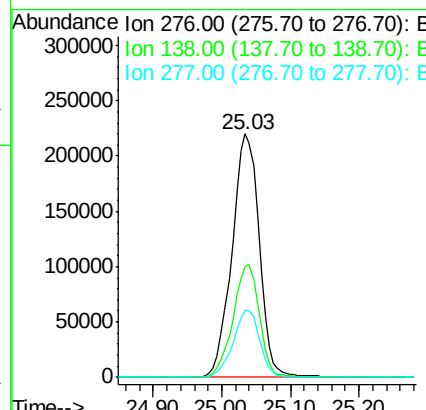
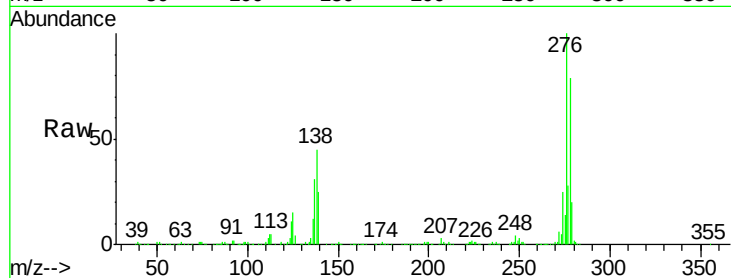




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.55 ng
 RT: 25.03 min Scan# 3803
 Delta R.T. -0.02 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

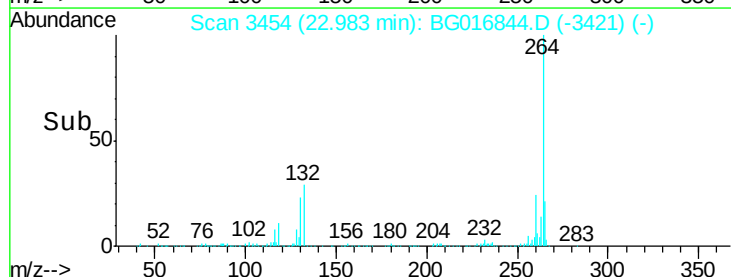
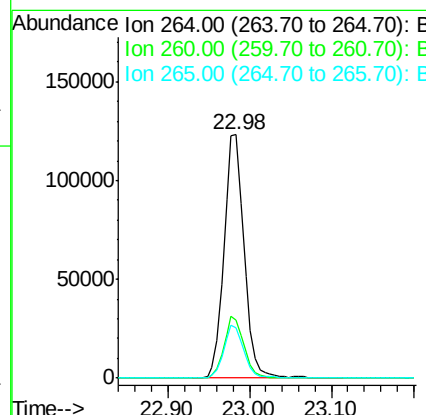
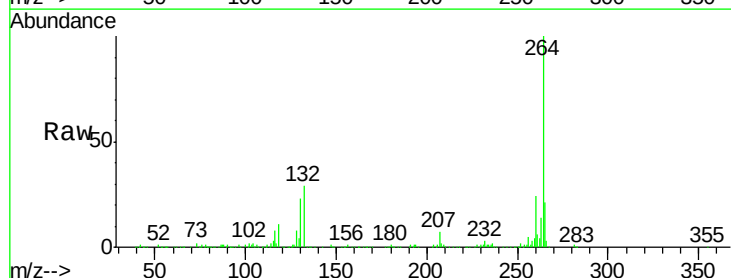
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

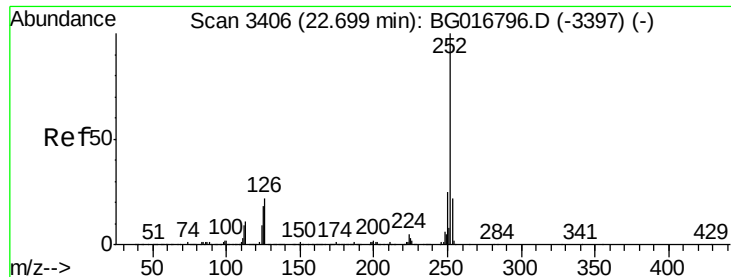
Tot Ion	Ratio	Lower	Upper
276	100		
138	44.8	37.0	55.6
277	26.9	21.4	32.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.98 min Scan# 3454
 Delta R.T. -0.01 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	20.7	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 43.17 ng

RT: 22.37 min Scan# 3350

Delta R.T. -0.01 min

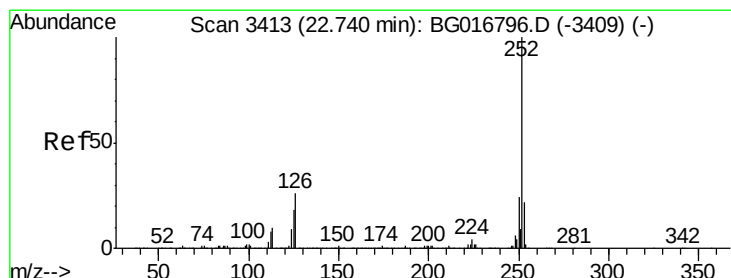
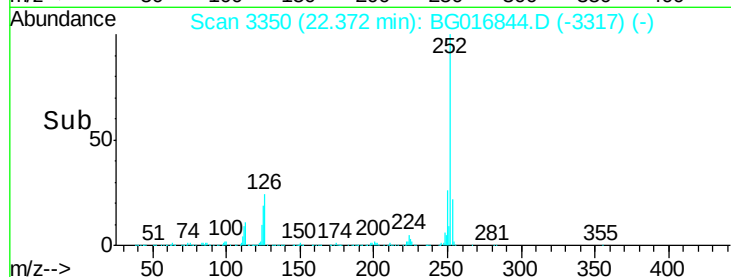
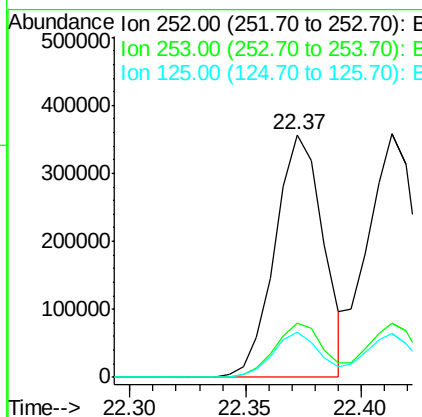
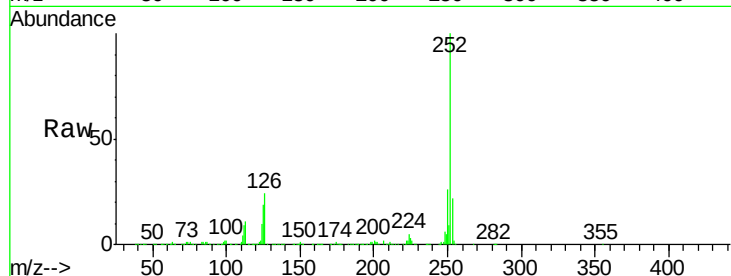
Lab File: BG016844.D

Acq: 1 May 2015 14:44

Instrument :
BNA_G
ClientSampleId :
PB83075BS

Tot Ion:252 Resp: 518699

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	18.5	14.2	21.2



#88

Benzo(k)fluoranthene

Concen: 45.52 ng

RT: 22.41 min Scan# 3357

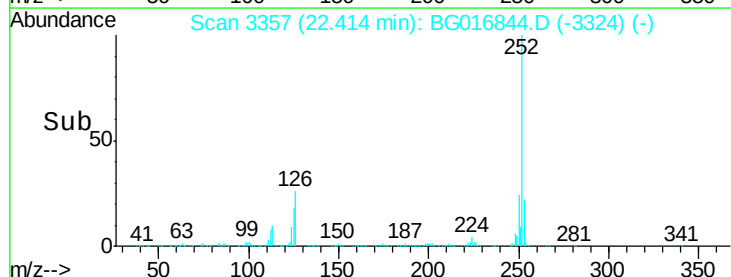
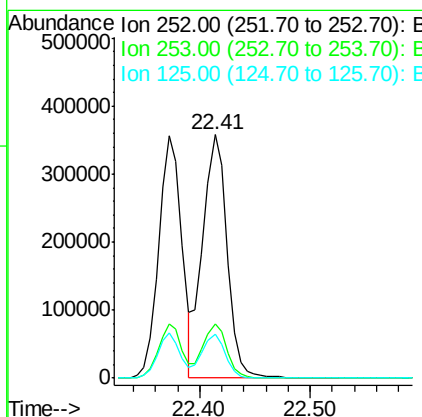
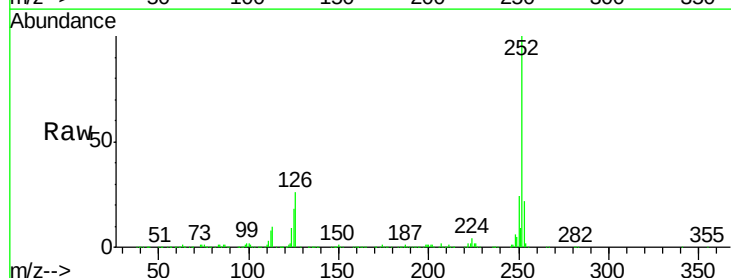
Delta R.T. -0.01 min

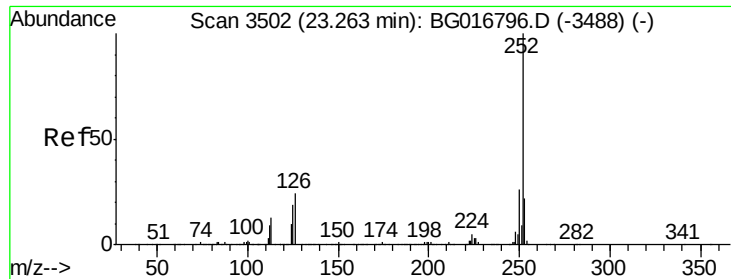
Lab File: BG016844.D

Acq: 1 May 2015 14:44

Tgt Ion:252 Resp: 535597

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	17.9	14.5	21.7

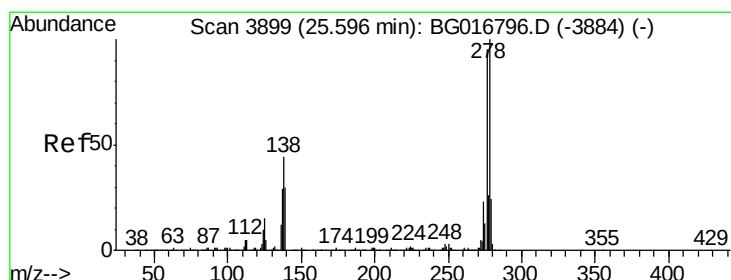
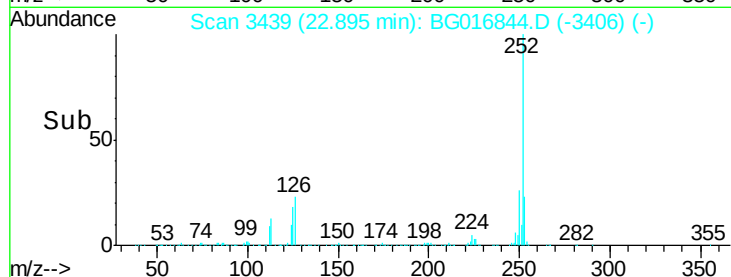
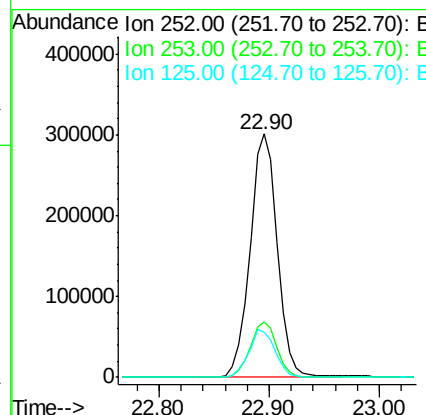
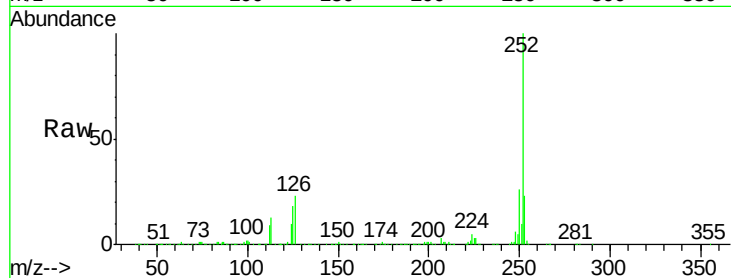




#89
Benzo(a)pyrene
Concen: 45.77 ng
RT: 22.90 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

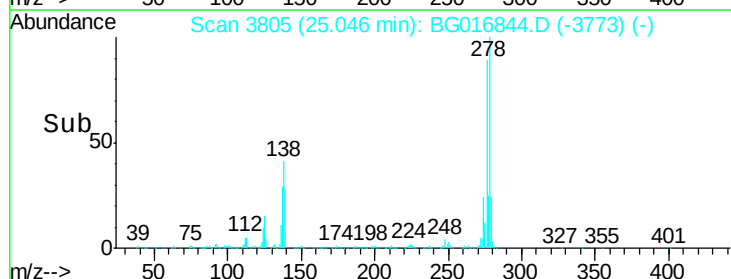
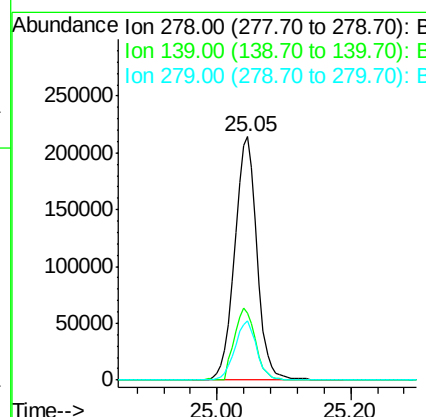
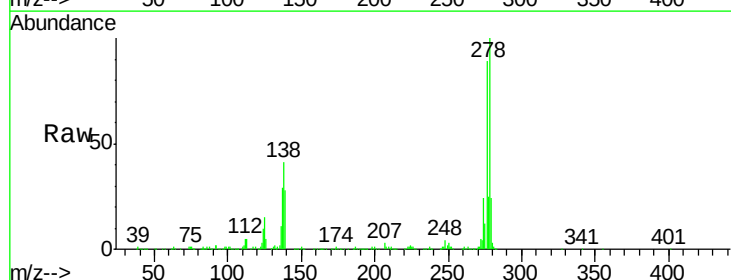
Instrument :
BNA_G
ClientSampleId :
PB83075BS

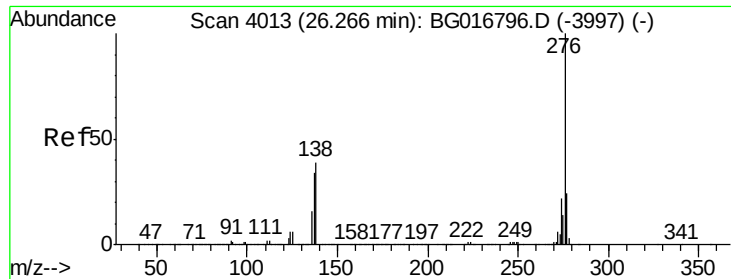
Tot Ion:252 Resp: 520793
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 18.4 15.0 22.4



#90
Dibenzo(a,h)anthracene
Concen: 43.89 ng
RT: 25.05 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG016844.D
Acq: 1 May 2015 14:44

Tgt Ion:278 Resp: 503729
Ion Ratio Lower Upper
278 100
139 27.5 23.9 35.9
279 24.2 19.4 29.0





#91
 Benzo(a,h,i)perylene
 Concen: 43.35 ng
 RT: 25.66 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BG016844.D
 Acq: 1 May 2015 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.6	29.4
138	37.0	31.0	46.4

