

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017309.D
 Acq On : 27 May 2015 19:12
 Operator : TP/IZ
 Sample : PB83628BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Quant Time: May 28 03:35:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	24008	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	103273	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	65949	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	162509	20.00	ng	0.00
75) Chrysene-d12	21.25	240	202157	20.00	ng	0.00
86) Perylene-d12	23.50	264	191632	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	187158	138.31	ng	0.00
7) Phenol-d6	6.87	99	243600	128.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	162947	73.66	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	109046	136.78	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	346865	77.18	ng	0.00
78) Terphenyl-d14	19.70	244	714900	73.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	20544	38.48	ng	98
3) Pyridine	3.52	79	61367	37.99	ng	99
4) n-Nitrosodimethylamine	3.44	42	42994	35.07	ng	# 86
6) Aniline	6.99	93	56704	21.58	ng	98
8) 2-Chlorophenol	7.23	128	67560	41.73	ng	98
9) Benzaldehyde	6.80	77	8346	5.17	ng	90
10) Phenol	6.89	94	85878	42.64	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	60222	39.88	ng	95
12) 1,3-Dichlorobenzene	7.55	146	69221	38.29	ng	95
13) 1,4-Dichlorobenzene	7.69	146	71383	39.12	ng	95
14) 1,2-Dichlorobenzene	8.01	146	68987	39.58	ng	100
15) Benzyl Alcohol	7.91	79	67847	36.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	103030	42.08	ng	98
17) 2-Methylphenol	8.13	107	59873	41.00	ng	90
18) Hexachloroethane	8.73	117	30391	39.87	ng	91
19) n-Nitroso-di-n-propylamine	8.47	70	56100	33.91	ng	95
20) 3+4-Methylphenols	8.46	107	81058	39.94	ng	96
22) Acetophenone	8.49	105	101073	40.32	ng	# 96
24) Nitrobenzene	8.86	77	85224	39.38	ng	97
25) Isophorone	9.38	82	149868	36.76	ng	99
26) 2-Nitrophenol	9.57	139	37731	39.00	ng	94
27) 2,4-Dimethylphenol	9.65	122	66629	41.84	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	78813	39.70	ng	95
29) 2,4-Dichlorophenol	10.12	162	67589	44.99	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	65486	38.43	ng	93
31) Naphthalene	10.50	128	198544	39.29	ng	98
32) Benzoic acid	9.80	122	35953	33.32	ng	# 78
33) 4-Chloroaniline	10.62	127	41293	17.28	ng	96
34) Hexachlorobutadiene	10.79	225	41089	38.08	ng	97
35) Caprolactam	11.39	113	31361m	41.52	ng	
36) 4-Chloro-3-methylphenol	11.78	107	81615	43.00	ng	96
37) 2-Methylnaphthalene	12.12	142	149617	37.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	75313	40.36	ng	98
40) Hexachlorocyclopentadiene	12.48	237	98995	86.98	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	53261	40.24	nq	94
43) 2,4,5-Trichlorophenol	12.84	196	61384	45.01	nq	94
45) 1,1'-Biphenyl	13.15	154	190404	40.08	nq	99
46) 2-Chloronaphthalene	13.19	162	152502	40.55	nq	97
47) 2-Nitroaniline	13.40	65	61211	41.83	nq	100
48) Acenaphthylene	14.04	152	262460	40.75	nq	99
49) Dimethylphthalate	13.79	163	206590	40.06	nq	98
50) 2,6-Dinitrotoluene	13.91	165	47801	41.83	nq	97
51) Acenaphthene	14.38	154	153400	40.32	nq	98
52) 3-Nitroaniline	14.24	138	34836	27.48	nq	# 93
53) 2,4-Dinitrophenol	14.44	184	39591	59.67	nq	96
54) Dibenzofuran	14.72	168	238867	42.23	nq	99
55) 4-Nitrophenol	14.59	139	94106	92.18	nq	96
56) 2,4-Dinitrotoluene	14.70	165	68969	43.27	nq	96
57) Fluorene	15.37	166	209446	41.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	57005	45.55	nq	99
59) Diethylphthalate	15.15	149	223135	40.28	nq	99
60) 4-Chlorophenyl-phenylether	15.37	204	108018	42.00	nq	95
61) 4-Nitroaniline	15.41	138	63925	45.19	nq	94
62) Azobenzene	15.66	77	233365	44.10	nq	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	40067	35.97	nq	95
65) n-Nitrosodiphenylamine	15.58	169	185612	37.20	nq	99
66) 4-Bromophenyl-phenylether	16.26	248	66398	37.46	nq	95
67) Hexachlorobenzene	16.37	284	71613	38.29	nq	98
68) Atrazine	16.54	200	80843	44.30	nq	98
69) Pentachlorophenol	16.73	266	96536	82.68	nq	95
70) Phenanthrene	17.11	178	341444	40.75	nq	100
71) Anthracene	17.20	178	350730	41.30	nq	97
72) Carbazole	17.48	167	356729	45.71	nq	97
73) Di-n-butylphthalate	18.04	149	456058	43.68	nq	98
74) Fluoranthene	19.13	202	452537	44.97	nq	98
76) Benzidine	19.32	184	203119	30.77	nq	97
77) Pyrene	19.50	202	472797	38.12	nq	100
79) Butylbenzylphthalate	20.40	149	220946	39.18	nq	95
80) Benzo(a)anthracene	21.24	228	461342	39.82	nq	99
81) 3,3'-Dichlorobenzidine	21.18	252	116724	26.04	nq	99
82) Chrysene	21.29	228	436676	40.47	nq	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	313048	39.06	nq	100
84) Di-n-octyl phthalate	22.05	149	528503	39.61	nq	98
85) Indeno(1,2,3-cd)pyrene	25.79	276	510674	39.55	nq	98
87) Benzo(b)fluoranthene	22.82	252	468552	41.94	nq	96
88) Benzo(k)fluoranthene	22.87	252	444204	41.88	nq	99
89) Benzo(a)pyrene	23.40	252	440875	42.98	nq	99
90) Dibenzo(a,h)anthracene	25.80	278	430173	40.85	nq	99
91) Benzo(g,h,i)perylene	26.49	276	417431	42.11	nq	# 97

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

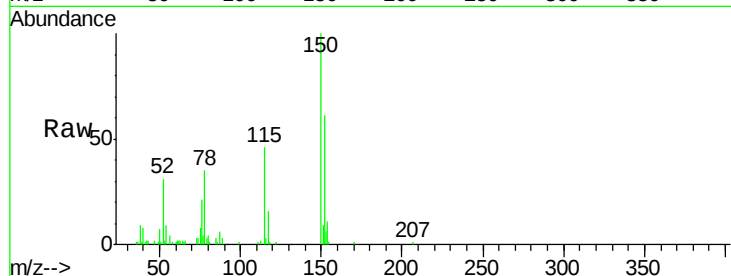


#1

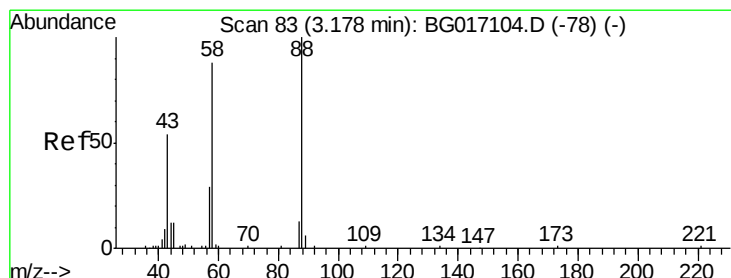
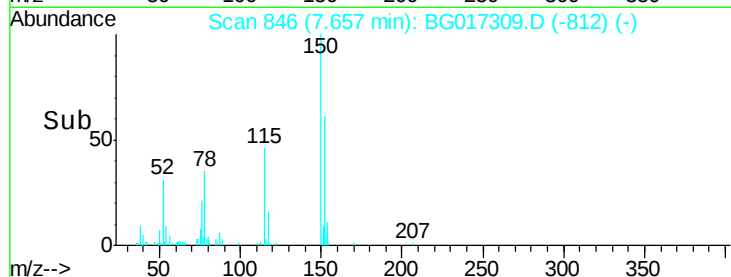
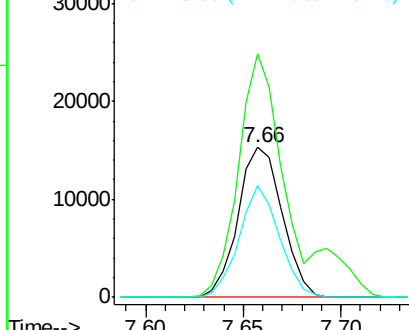
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:152 Resp: 24008
Ion Ratio Lower Upper
152 100
150 162.6 120.8 181.2
115 75.0 49.4 74.2#



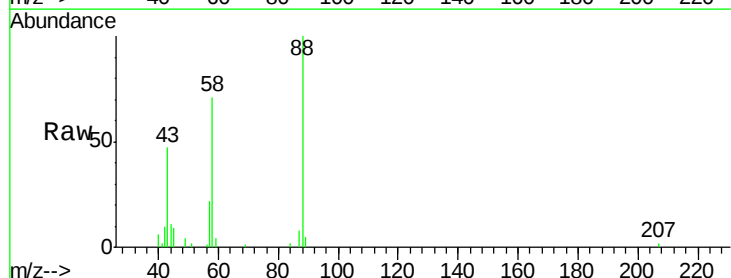
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



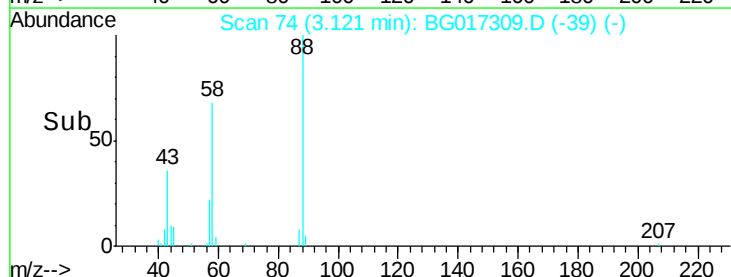
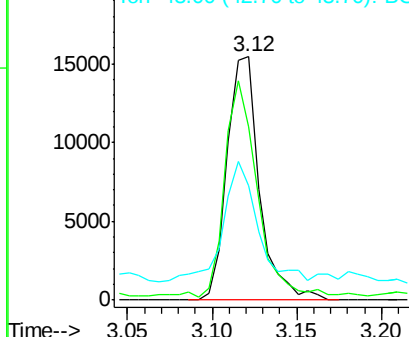
#2

1,4-Dioxane
Concen: 38.48 ng
RT: 3.12 min Scan# 74
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion: 88 Resp: 20544
Ion Ratio Lower Upper
88 100
58 86.8 68.6 103.0
43 53.1 40.3 60.5



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





#3

Pvridine

Concen: 37.99 ng

RT: 3.52 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

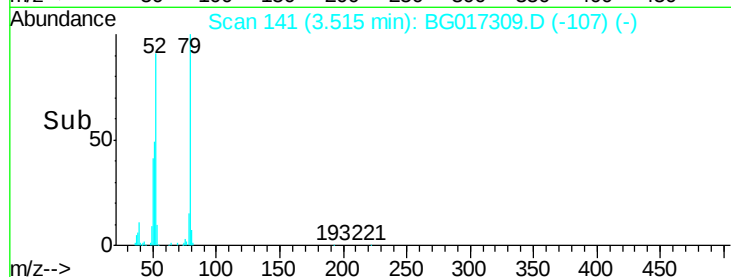
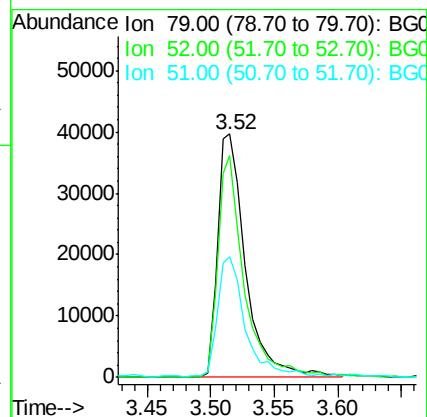
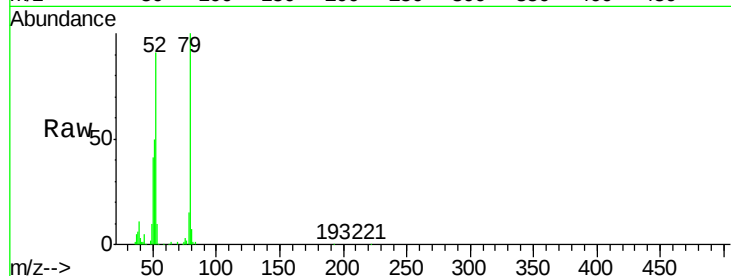
Tot Ion: 79 Resp: 61367

Ion Ratio Lower Upper

79 100

52 91.3 72.2 108.2

51 49.6 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 35.07 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

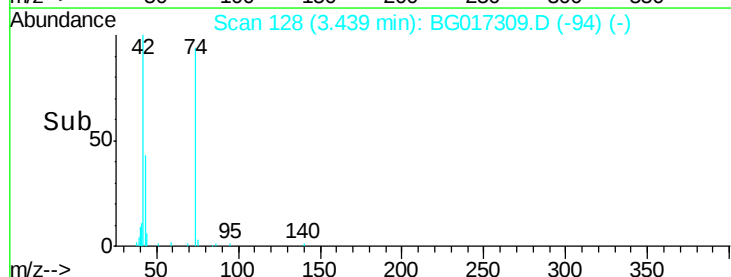
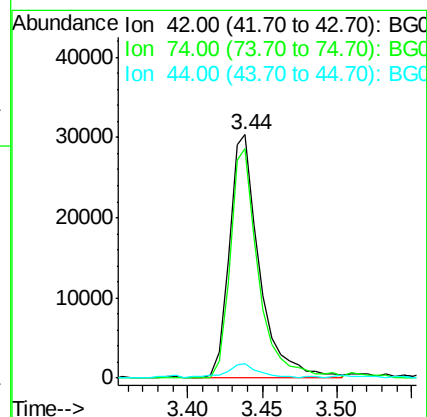
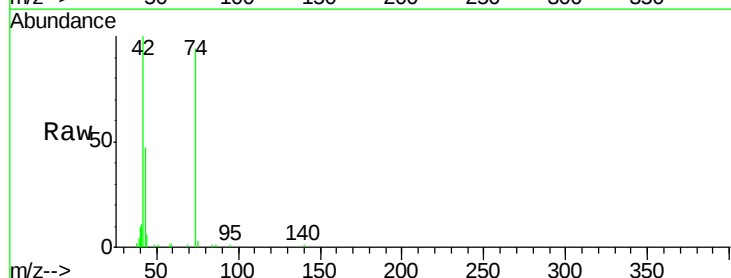
Tgt Ion: 42 Resp: 42994

Ion Ratio Lower Upper

42 100

74 94.3 65.2 97.8

44 6.0 3.2 4.8#





#5

2-Fluorophenol

Concen: 138.31 ng

RT: 5.25 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

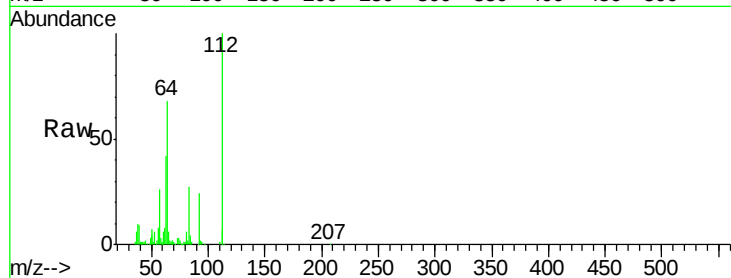
Tot Ion:112 Resp: 187158

Ion Ratio Lower Upper

112 100

64 68.0 48.1 72.1

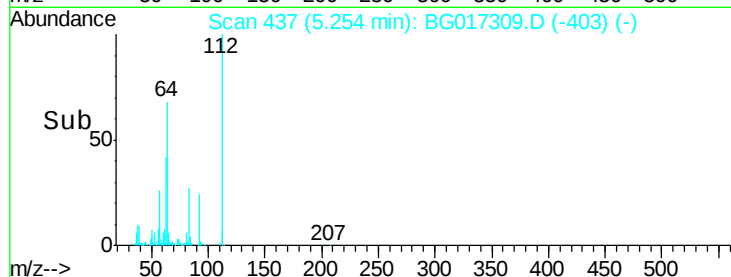
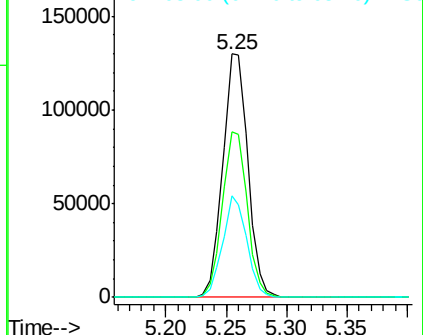
63 41.6 29.8 44.8



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: 21.58 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

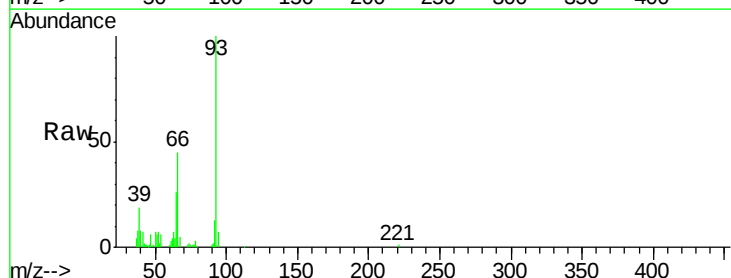
Tgt Ion: 93 Resp: 56704

Ion Ratio Lower Upper

93 100

66 45.3 35.8 53.8

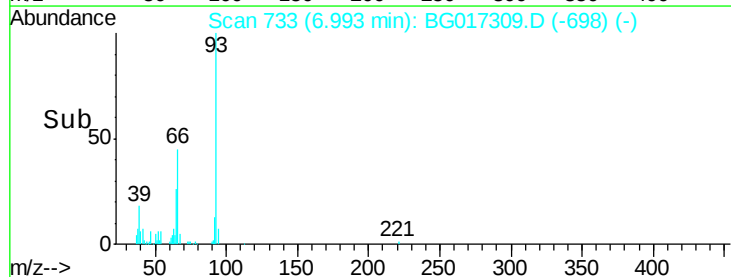
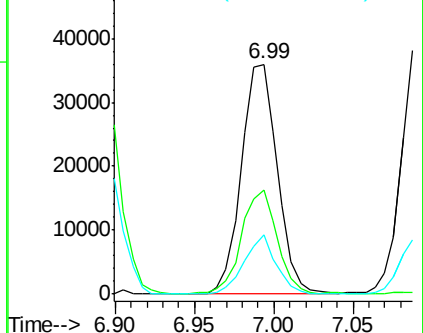
65 25.8 19.2 28.8

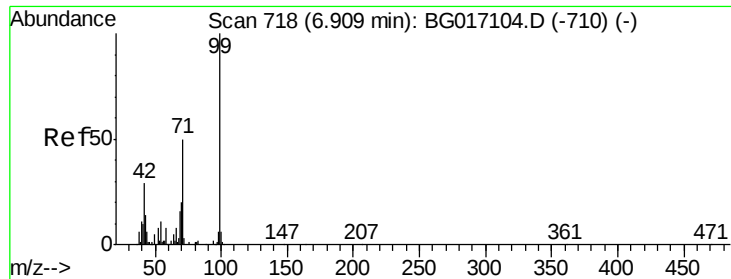


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.28 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG017309.D

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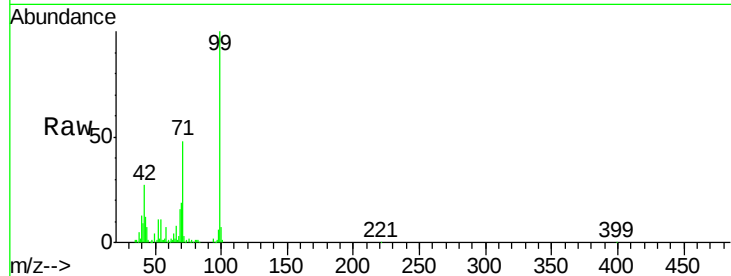
Tot Ion: 99 Resp: 243600

Ion Ratio Lower Upper

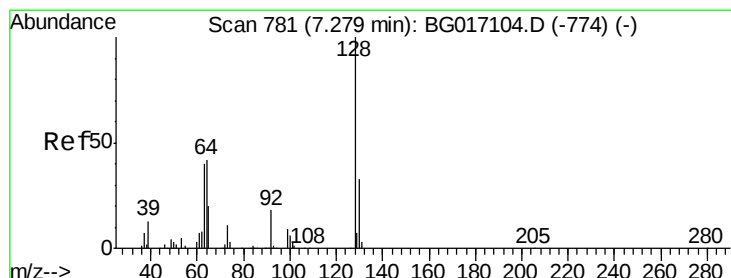
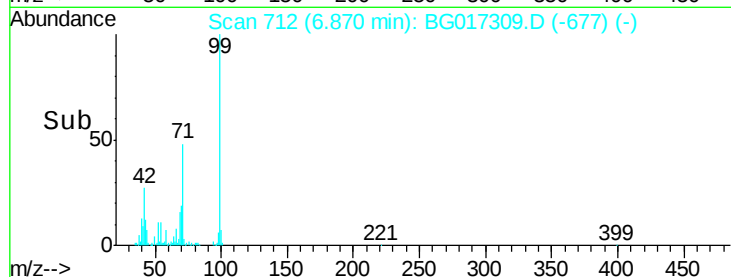
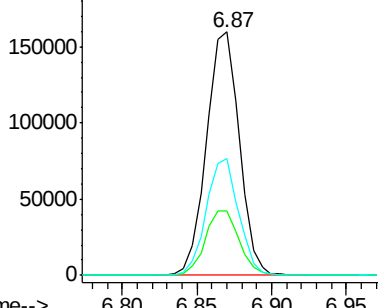
99 100

42 26.6 23.5 35.3

71 47.8 39.8 59.8



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



#8

2-Chlorophenol

Concen: 41.73 ng

RT: 7.23 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

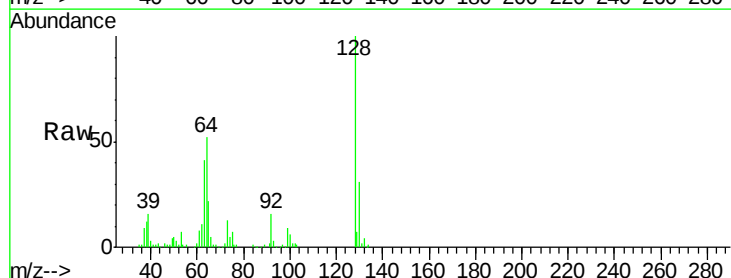
Tgt Ion: 128 Resp: 67560

Ion Ratio Lower Upper

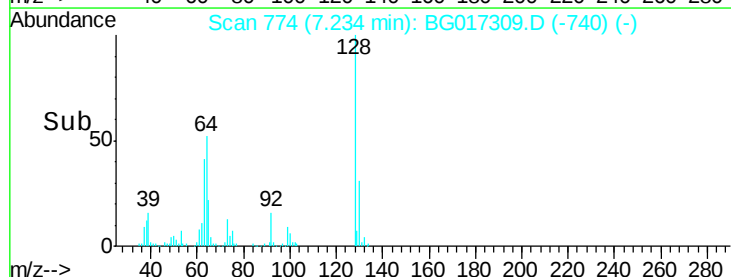
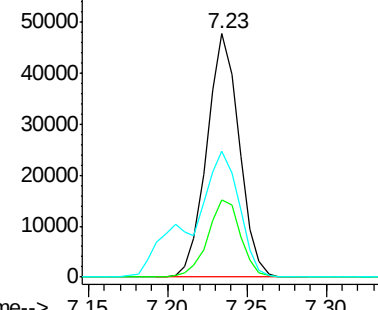
128 100

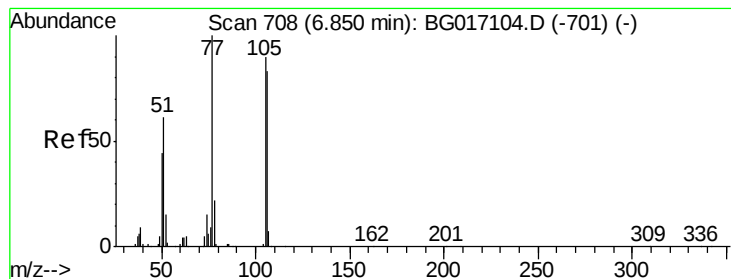
130 31.5 13.3 53.3

64 51.7 30.9 70.9



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





#9

Benzaldehyde

Concen: 5.17 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

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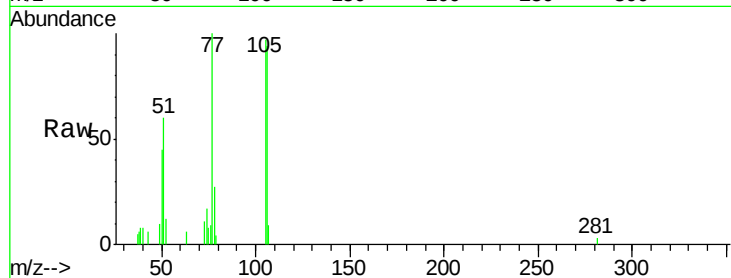
Tot Ion: 77 Resp: 8346

Ion Ratio Lower Upper

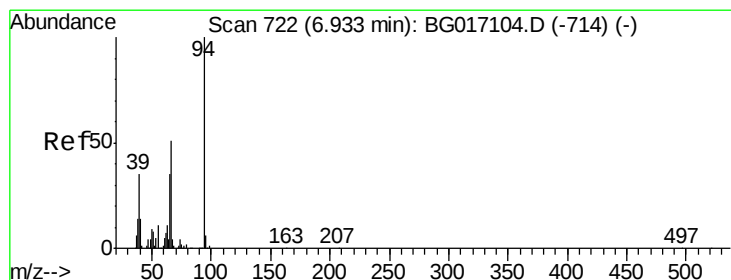
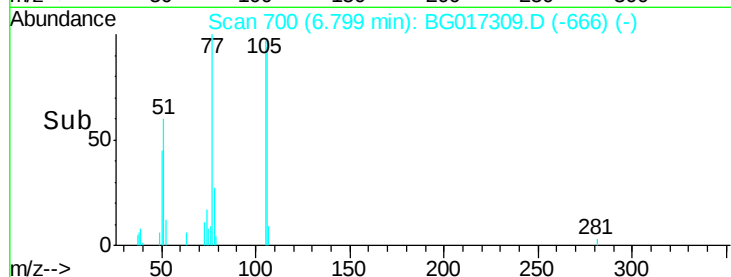
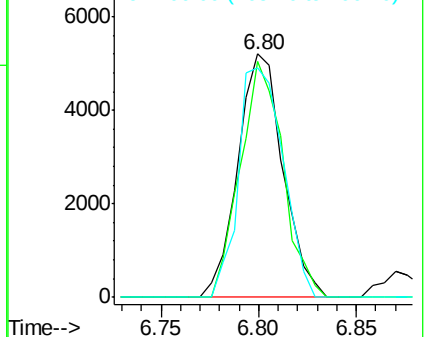
77 100

105 96.7 69.5 109.5

106 94.2 63.4 103.4



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: 42.64 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

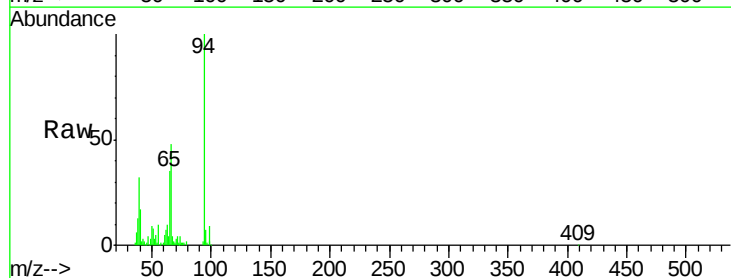
Tgt Ion: 94 Resp: 85878

Ion Ratio Lower Upper

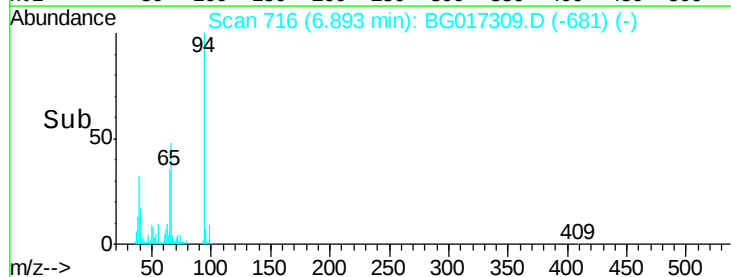
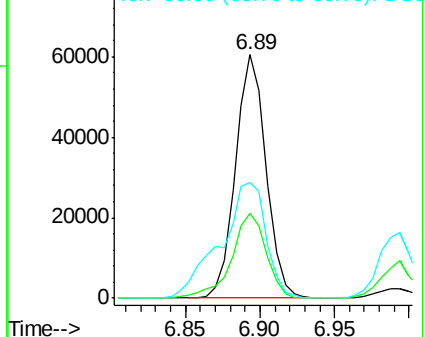
94 100

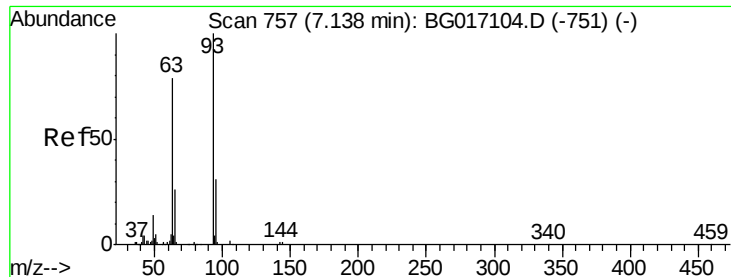
65 34.9 15.0 55.0

66 47.7 32.1 72.1



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

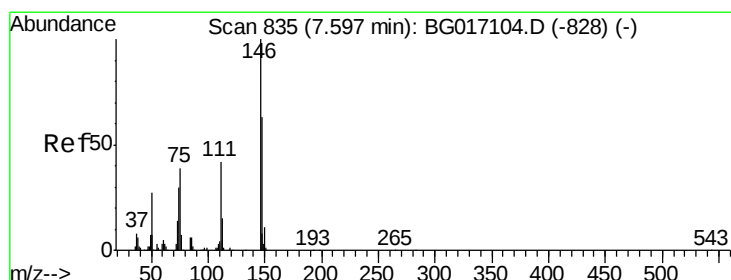
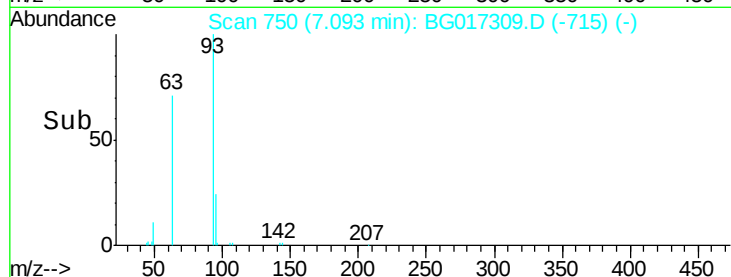
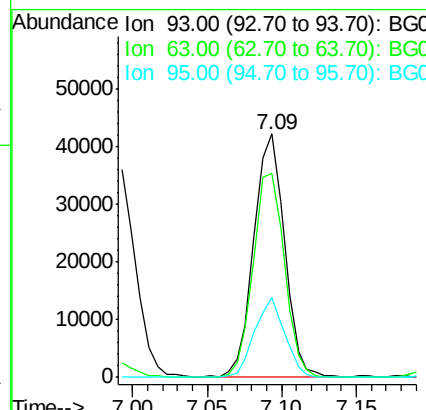
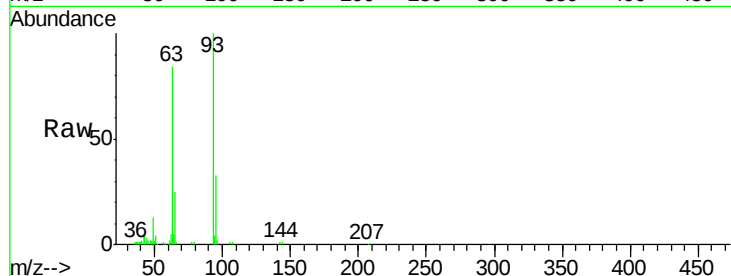




#11
bis(2-Chloroethyl)ether
Concen: 39.88 ng
RT: 7.09 min Scan# 750
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

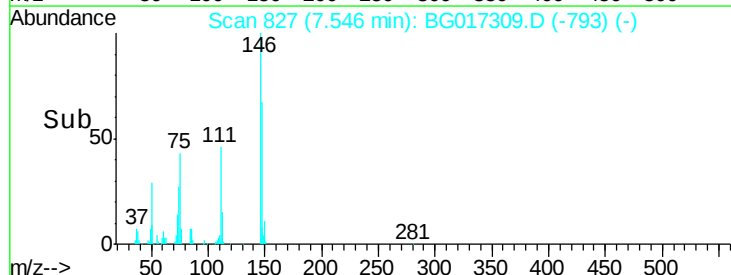
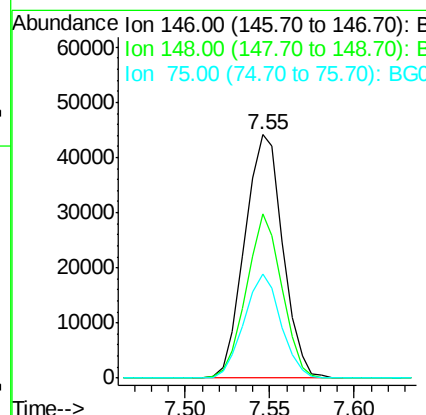
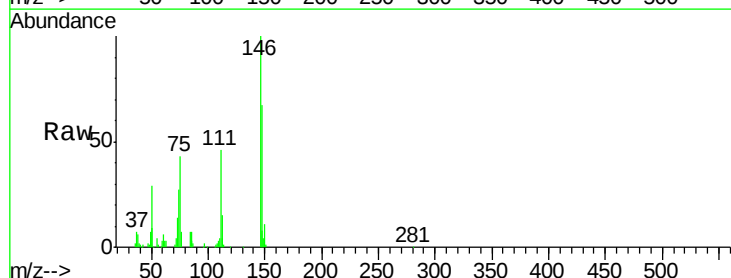
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

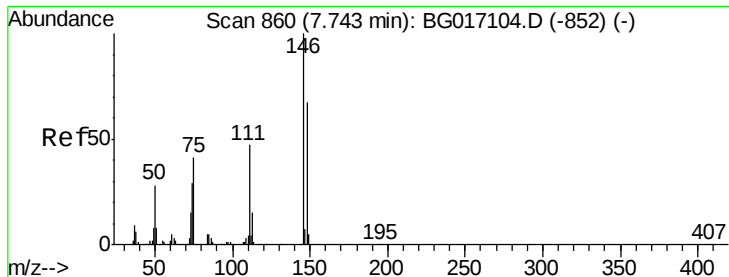
Tot Ion	93	Resp	60222
Ion	Ratio	Lower	Upper
93	100		
63	83.9	58.5	98.5
95	32.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 38.29 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion	146	Resp	69221
Ion	Ratio	Lower	Upper
146	100		
148	67.4	50.6	75.8
75	42.6	31.4	47.2

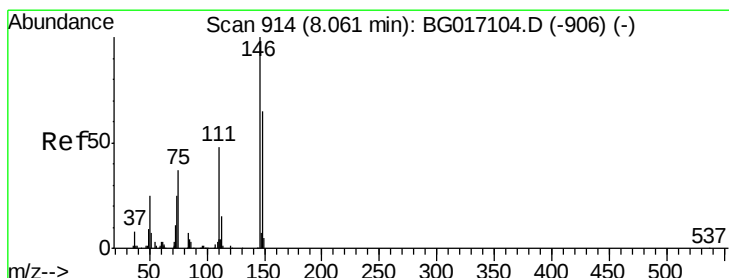
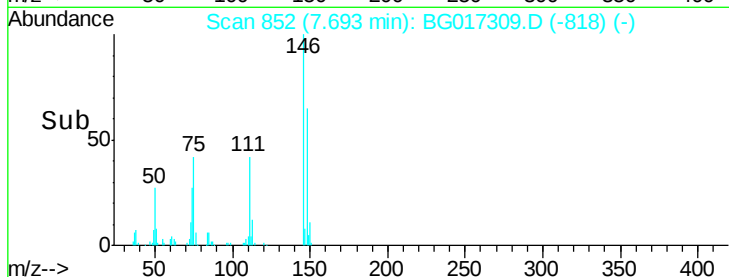
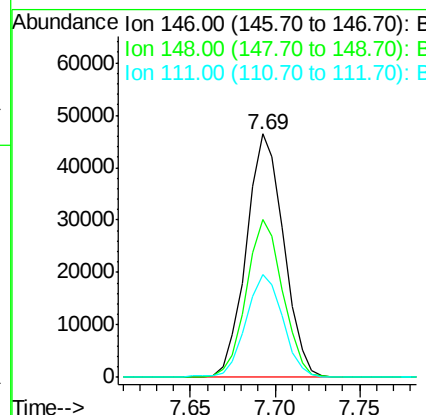
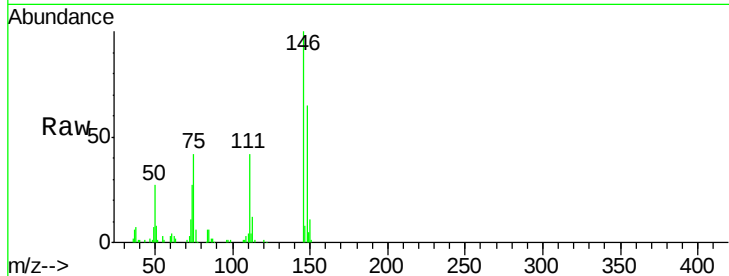




#13
 1,4-Dichlorobenzene
 Concen: 39.12 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

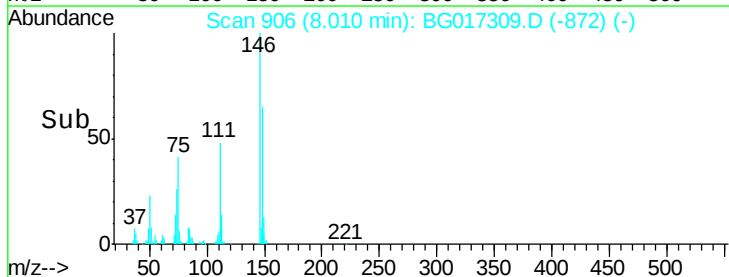
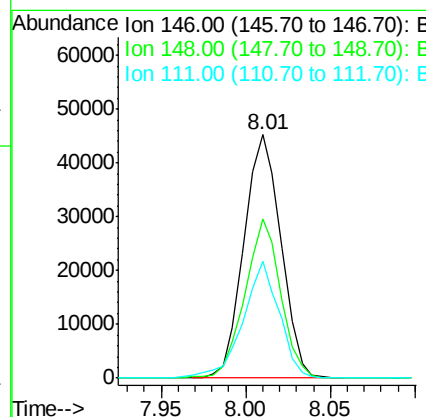
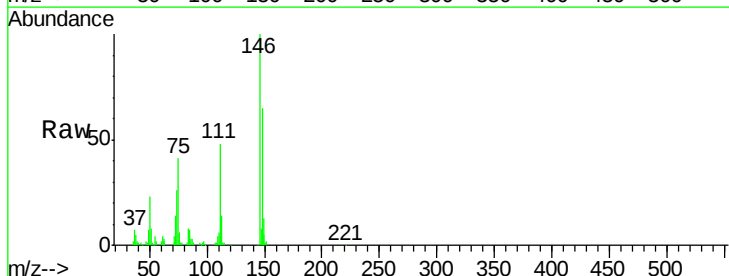
Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.9	80.9
111	42.3	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 39.58 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	48.1	39.0	58.4

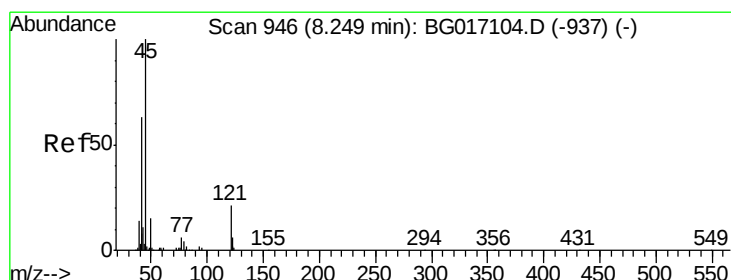
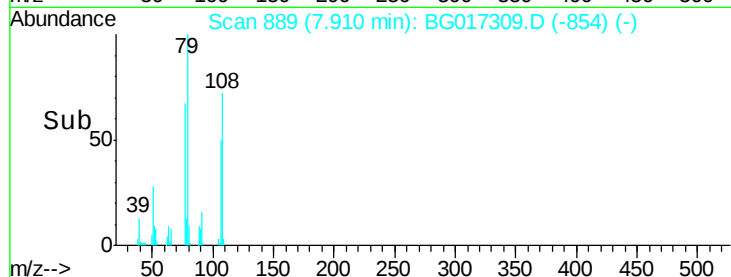
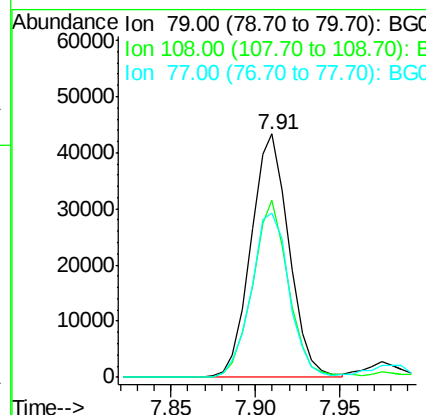
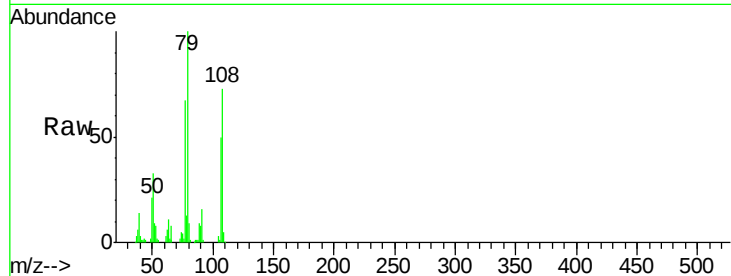




#15
Benzyl Alcohol
Concen: 36.77 ng
RT: 7.91 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

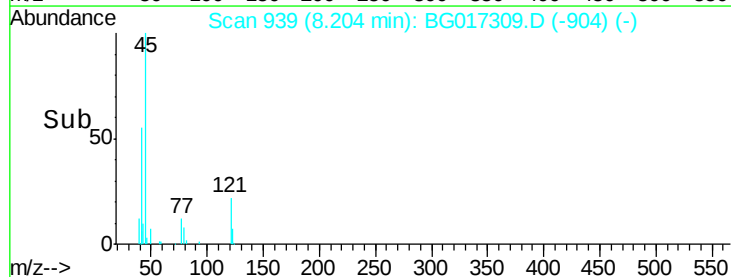
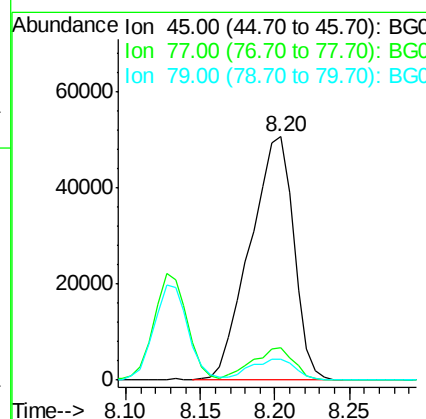
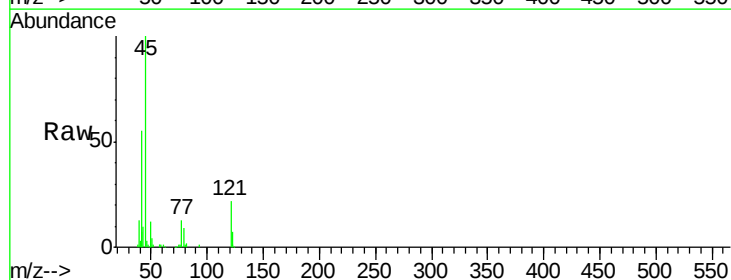
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

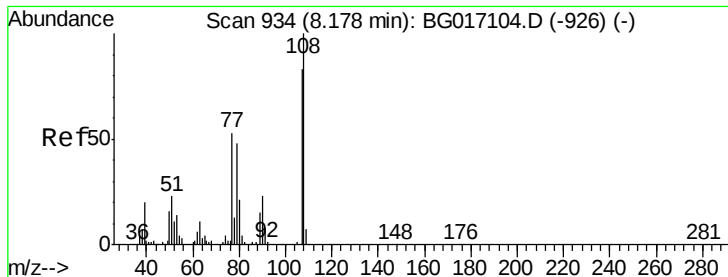
Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	55.8	83.6
77	67.5	55.4	83.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.08 ng
RT: 8.20 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	32.5
79	8.6	0.0	29.4





#17

2-Methylphenol

Concen: 41.00 ng

RT: 8.13 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

Tot Ion:107 Resp: 59873

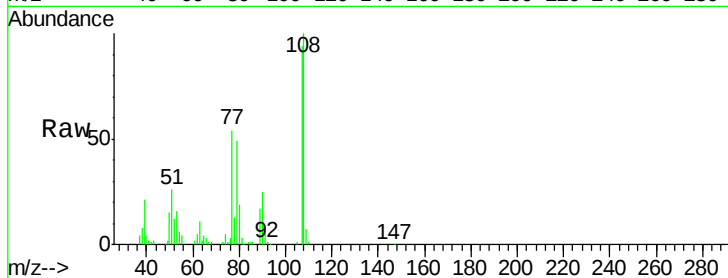
Ion Ratio Lower Upper

107 100

108 106.9 96.6 144.8

77 57.8 51.2 76.8

79 52.2 45.9 68.9

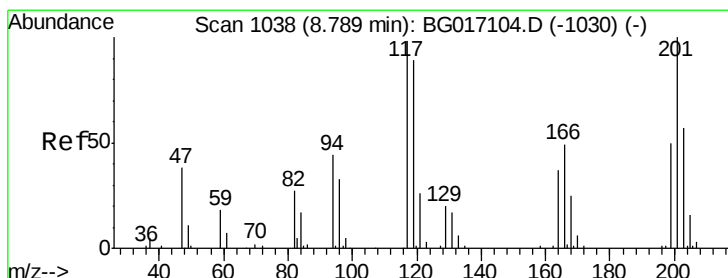
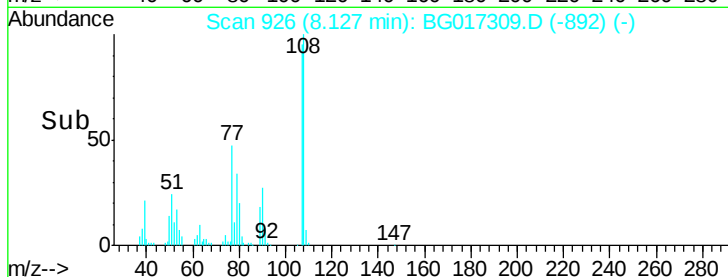
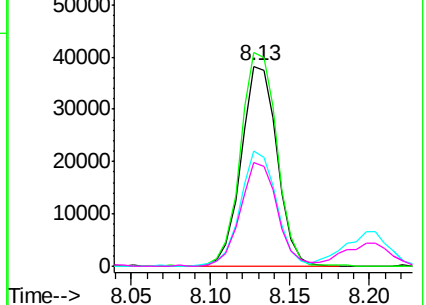


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.87 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

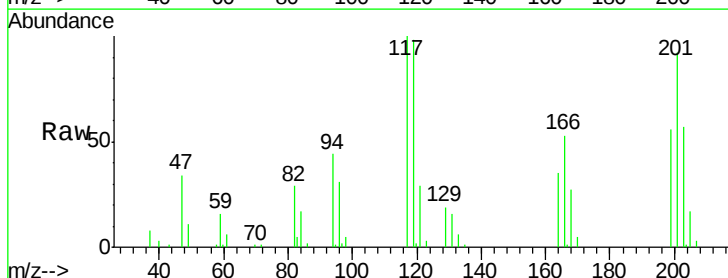
Tgt Ion:117 Resp: 30391

Ion Ratio Lower Upper

117 100

119 97.7 73.0 109.6

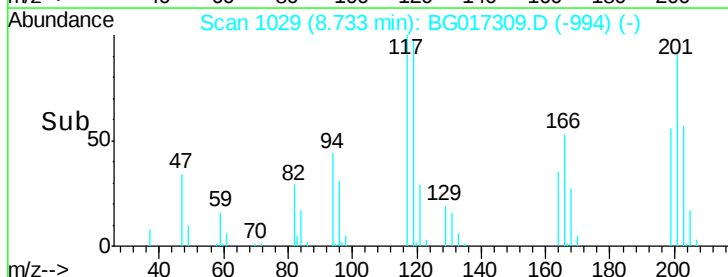
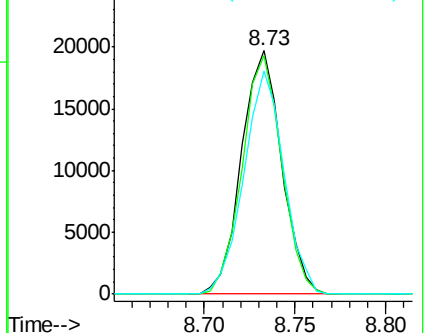
201 91.6 81.7 122.5

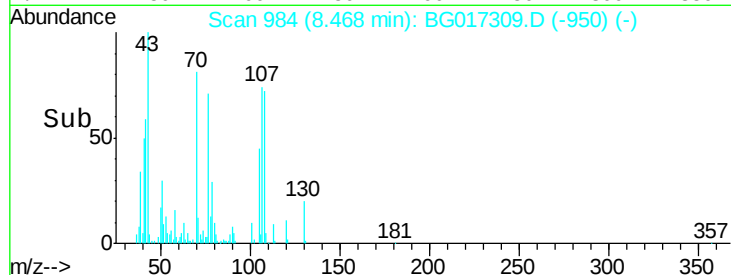
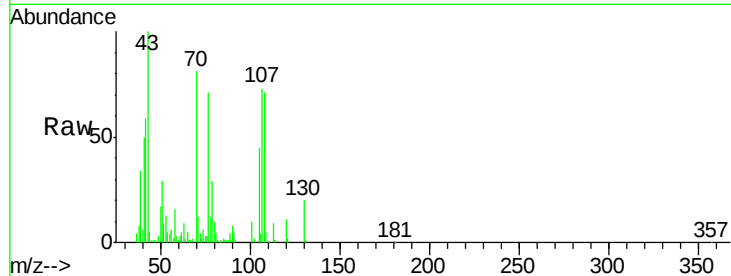
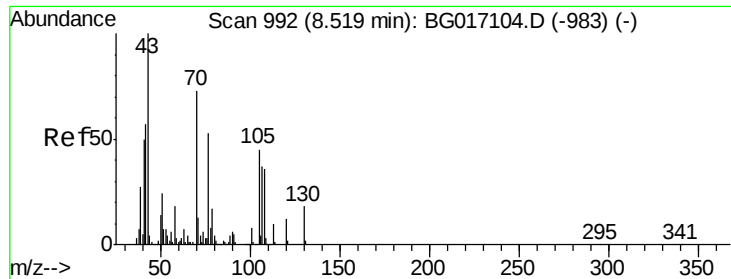


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

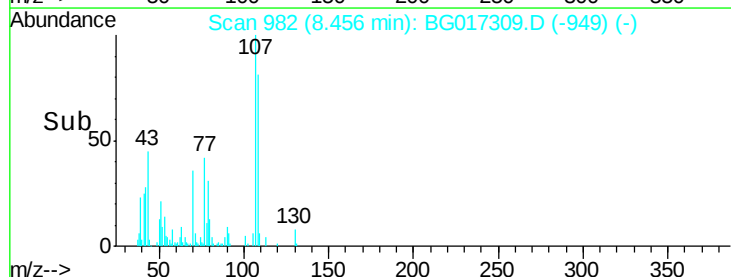
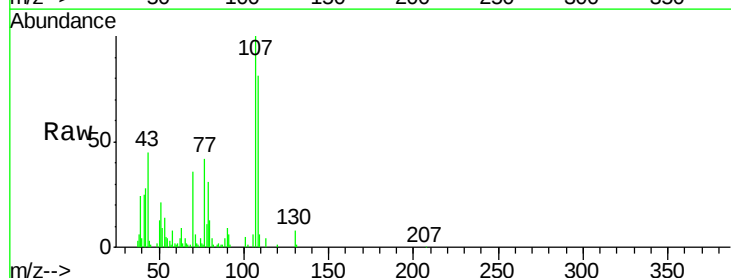
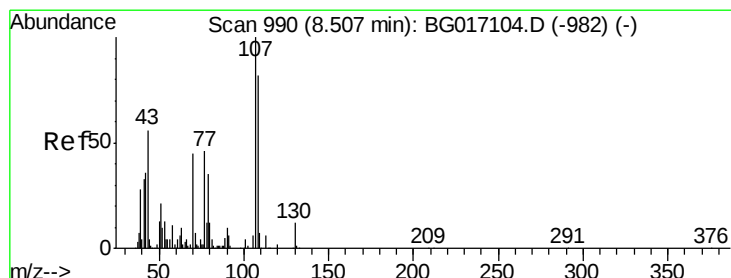
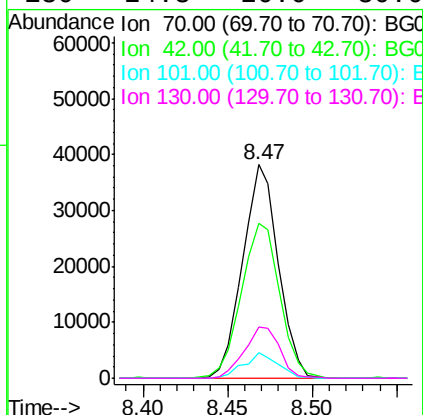




#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

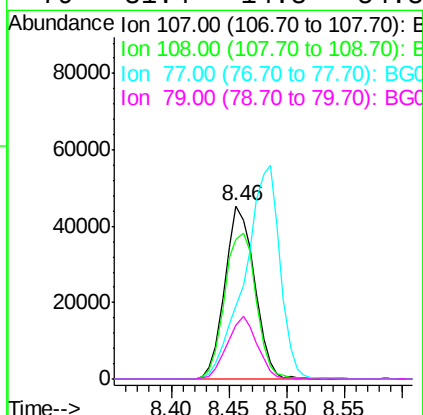
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:	70	Resp:	56100
Ion	Ratio	Lower	Upper
70	100		
42	72.6	62.6	94.0
101	12.1	9.0	13.4
130	24.3	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.94 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:	107	Resp:	81058
Ion	Ratio	Lower	Upper
107	100		
108	81.0	62.2	102.2
77	42.1	26.0	66.0
79	31.4	14.8	54.8

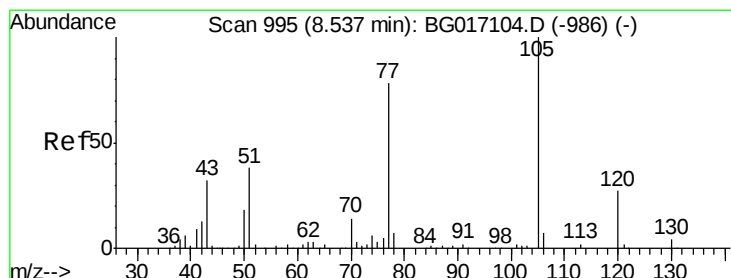
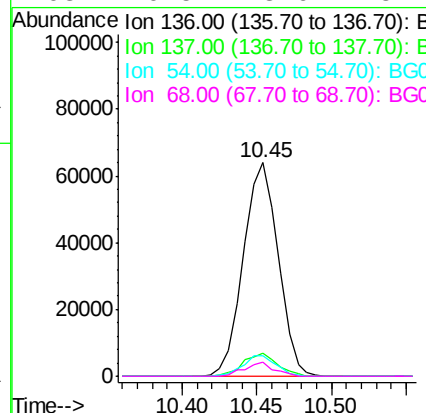
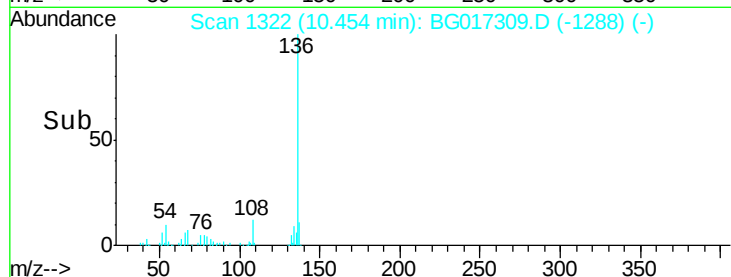
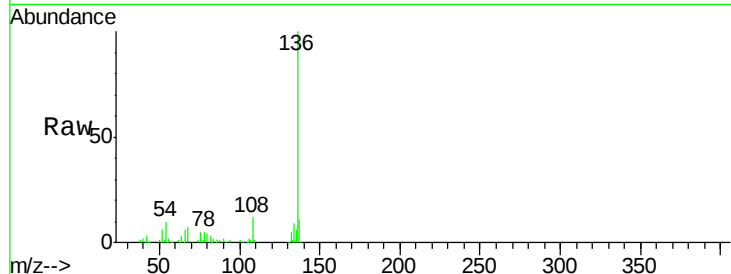




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

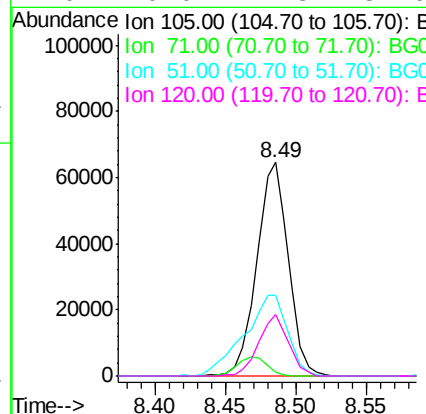
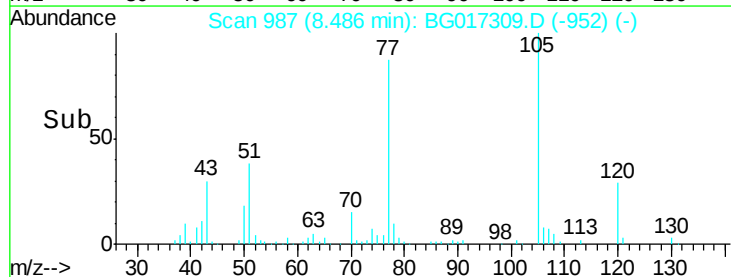
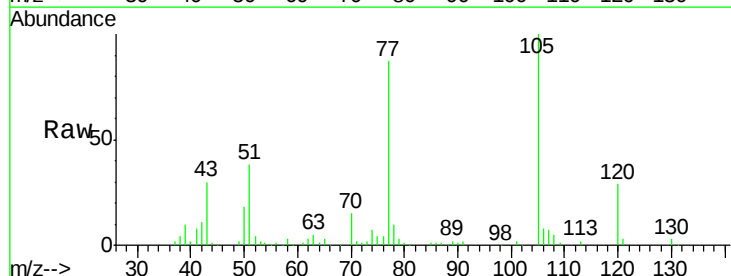
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:136	Resp:	103273
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.3 12.5
54	9.8	7.4 11.2
68	6.5	3.6 5.4#



#22
Acetophenone
Concen: 40.32 ng
RT: 8.49 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:105	Resp:	101073
Ion	Ratio	Lower Upper
105	100	
71	1.9	2.2 3.4#
51	37.7	32.8 49.2
120	29.0	21.8 32.6

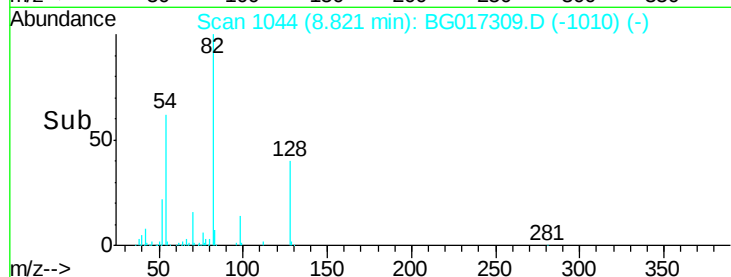
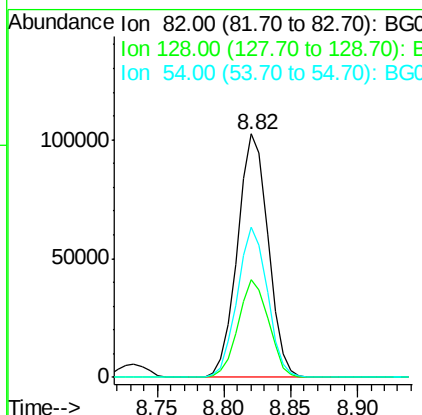
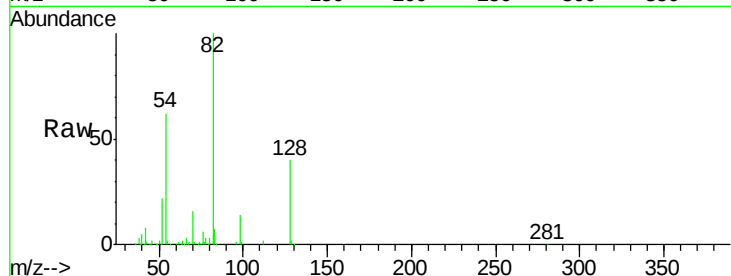




#23
 Nitrobenzene-d5
 Concen: 73.66 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

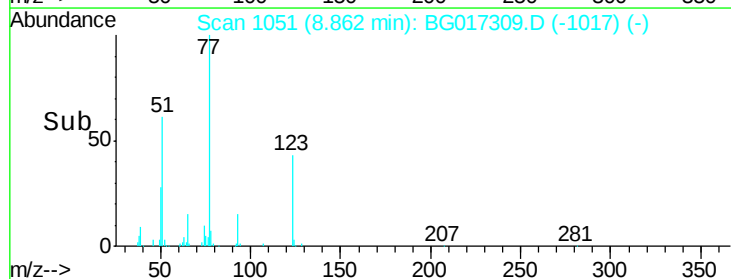
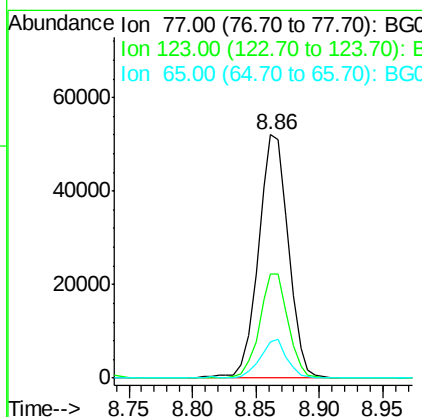
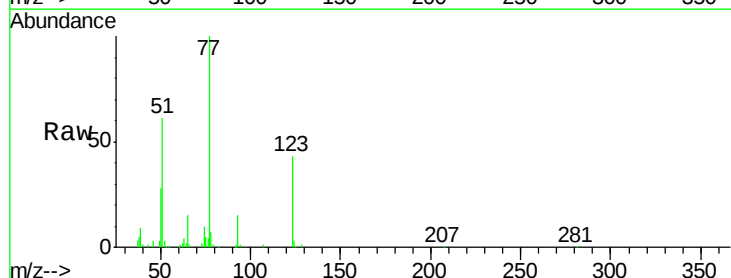
Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion: 82 Resp: 162947
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.6 49.0
 54 61.6 49.6 74.4



#24
 Nitrobenzene
 Concen: 39.38 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion: 77 Resp: 85224
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 15.0 13.3 19.9





#25

Isophorone

Concen: 36.76 ng

RT: 9.38 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

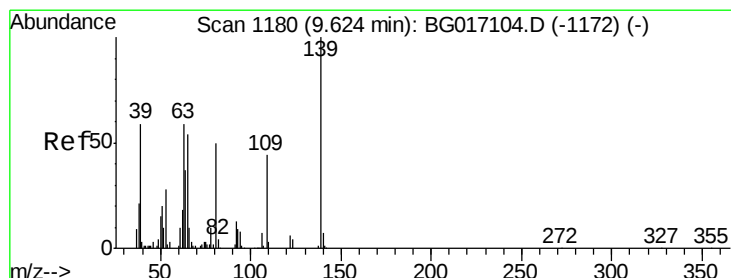
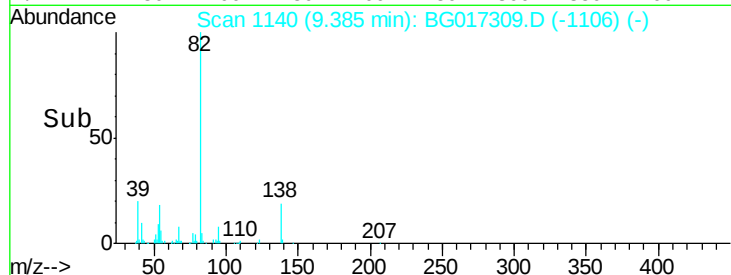
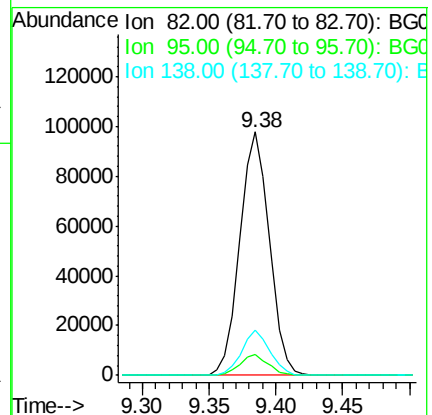
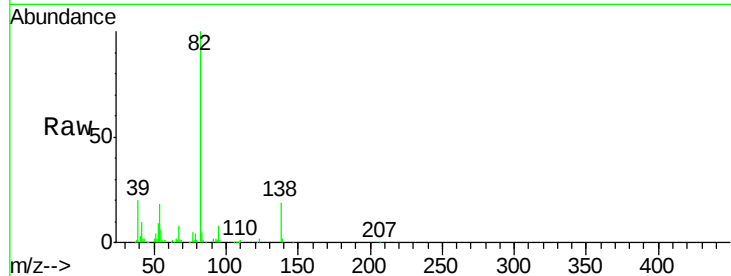
Tot Ion: 82 Resp: 149868

Ion Ratio Lower Upper

82 100

95 8.5 7.7 11.5

138 18.7 15.0 22.6



#26

2-Nitrophenol

Concen: 39.00 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

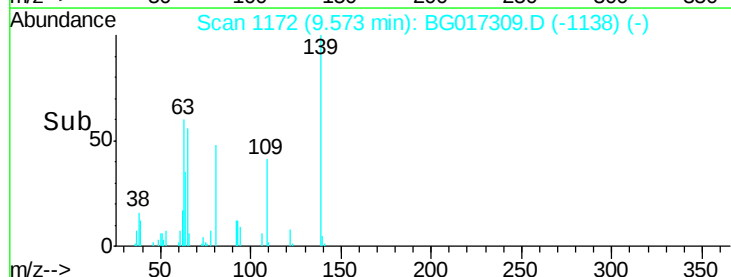
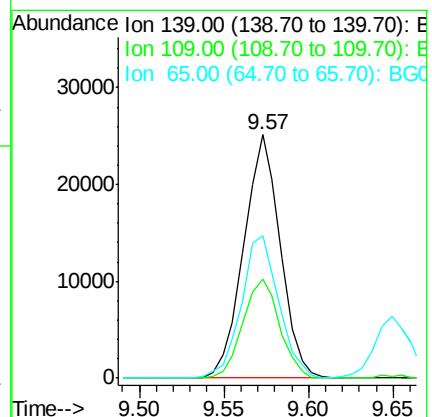
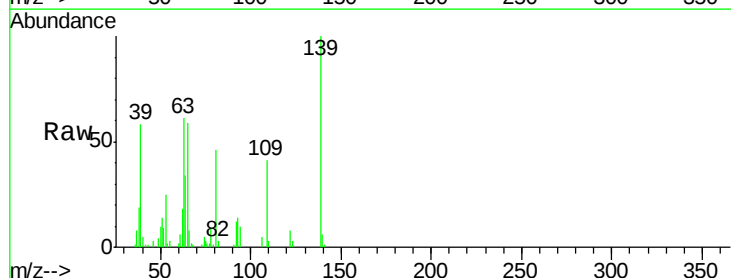
Tgt Ion: 139 Resp: 37731

Ion Ratio Lower Upper

139 100

109 40.7 34.9 52.3

65 58.6 43.0 64.4

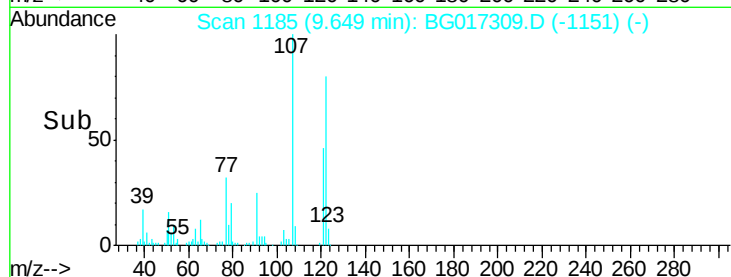
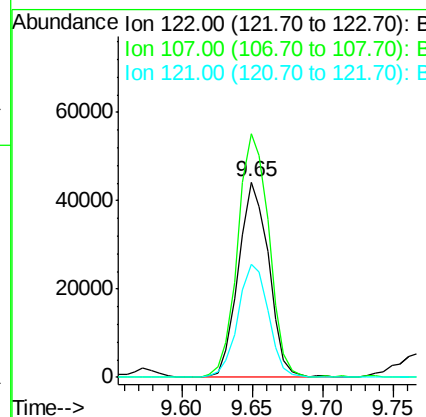
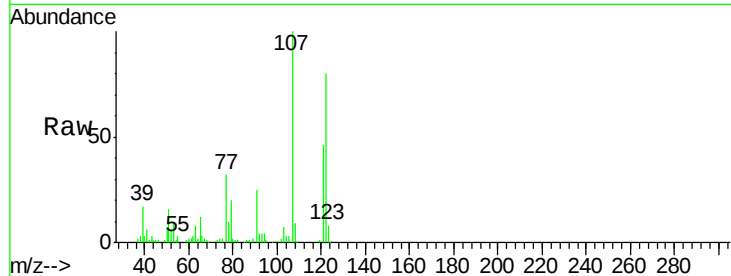




#27
2,4-Dimethylphenol
Concen: 41.84 ng
RT: 9.65 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

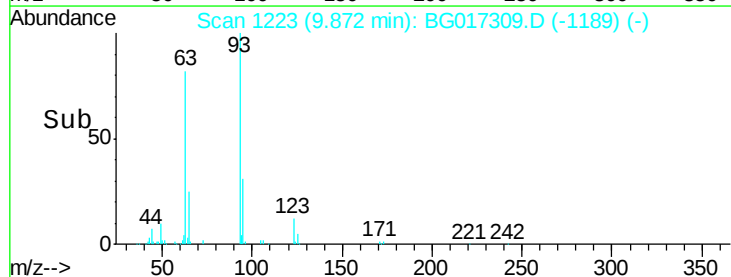
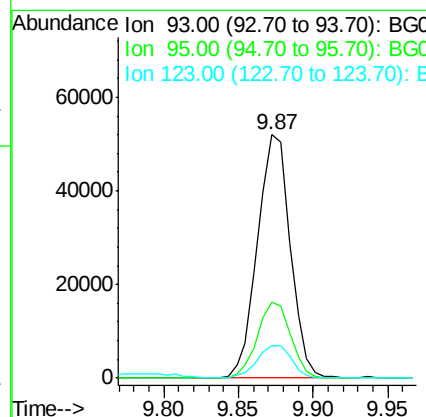
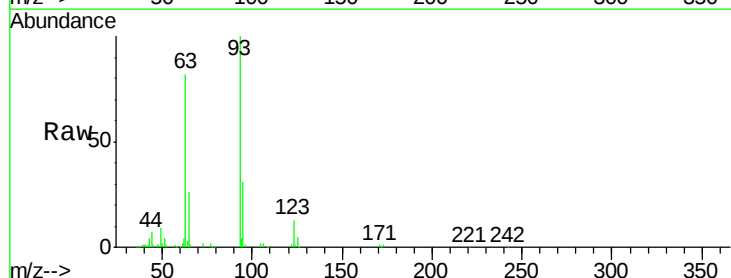
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

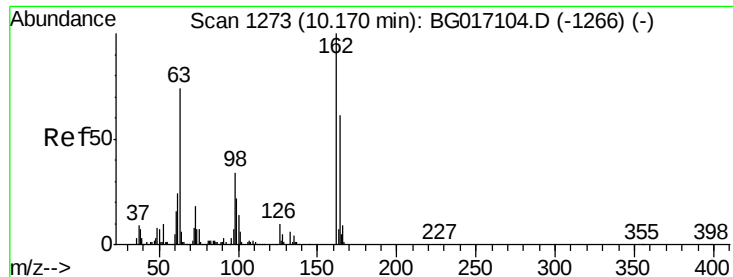
Tot Ion:122 Resp: 66629
Ion Ratio Lower Upper
122 100
107 124.7 102.3 153.5
121 57.6 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.70 ng
RT: 9.87 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion: 93 Resp: 78813
Ion Ratio Lower Upper
93 100
95 31.2 28.0 42.0
123 13.4 10.3 15.5

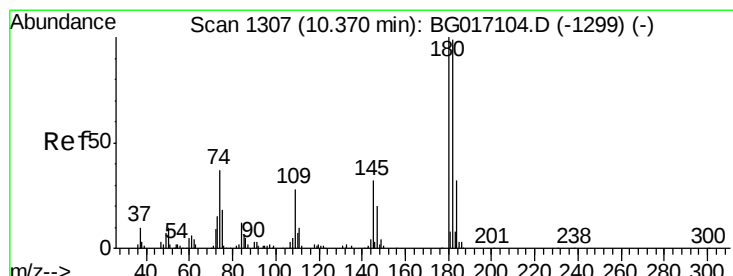
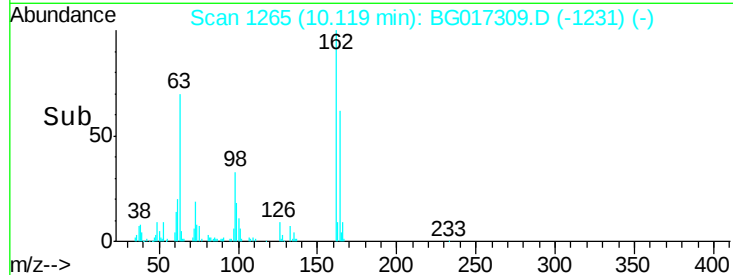
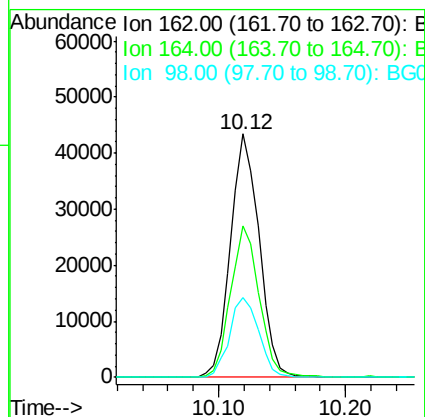
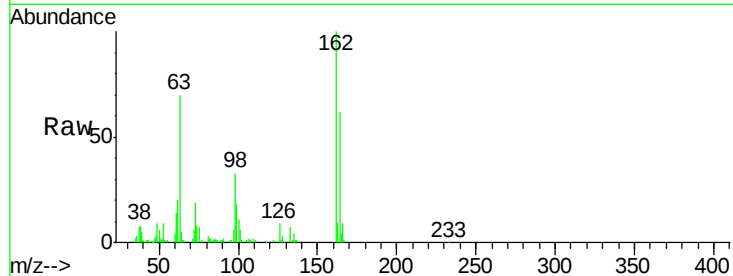




#29
 2,4-Dichlorophenol
 Concen: 44.99 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

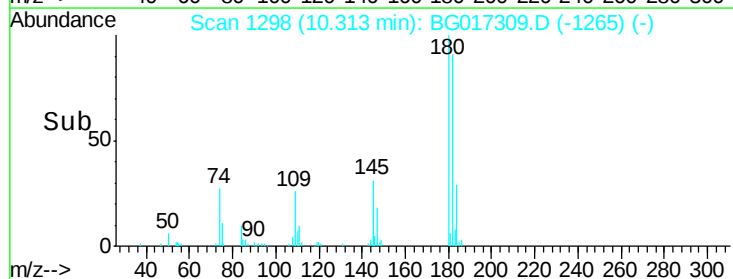
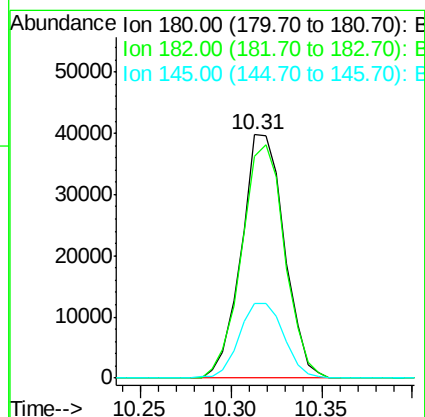
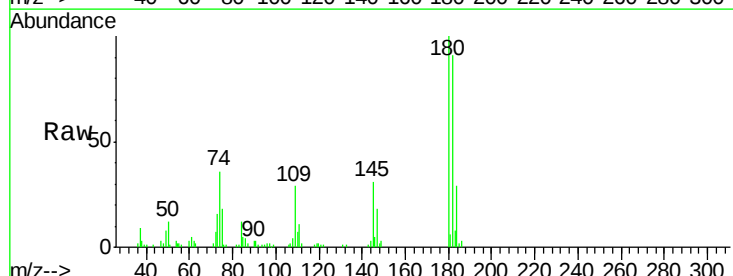
Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion:162	Resp:	67589
Ion Ratio	Lower	Upper
162	100	
164	62.3	41.4 81.4
98	32.7	14.3 54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.43 ng
 RT: 10.31 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion:180	Resp:	65486
Ion Ratio	Lower	Upper
180	100	
182	91.2	79.4 119.0
145	30.6	25.3 37.9

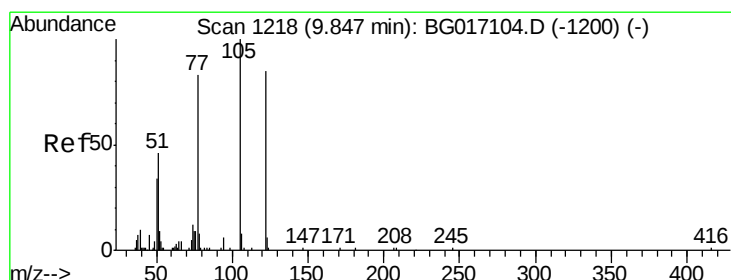
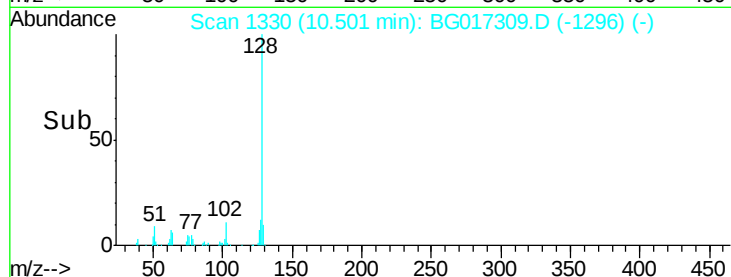
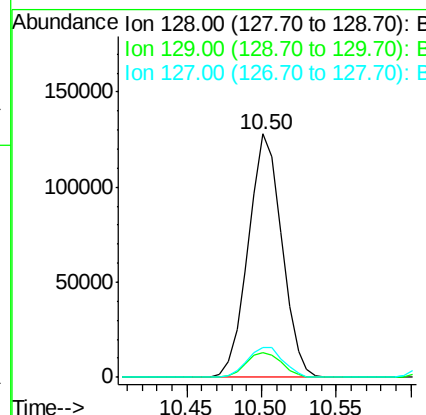
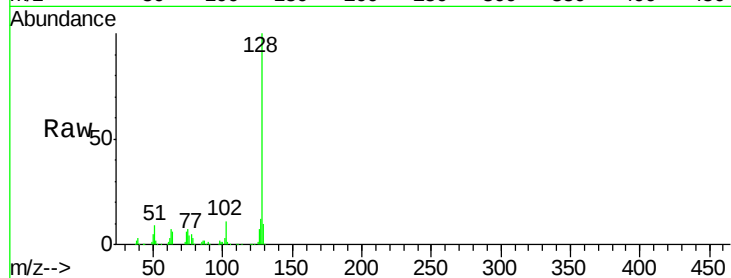




#31
Naphthalene
Concen: 39.29 ng
RT: 10.50 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

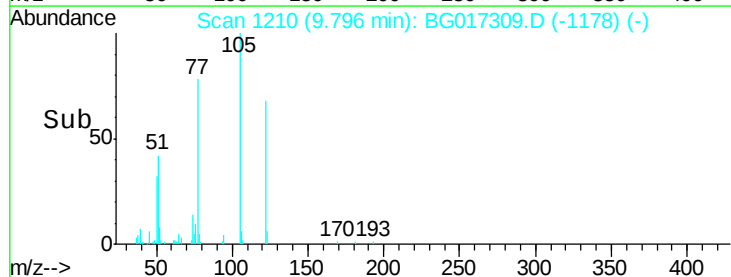
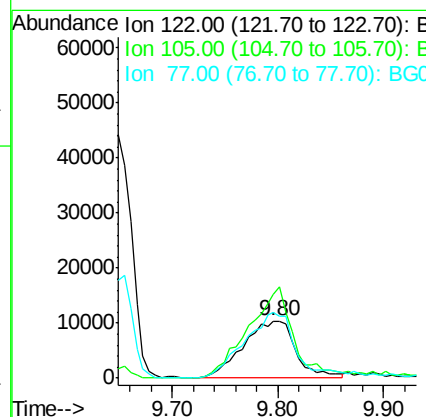
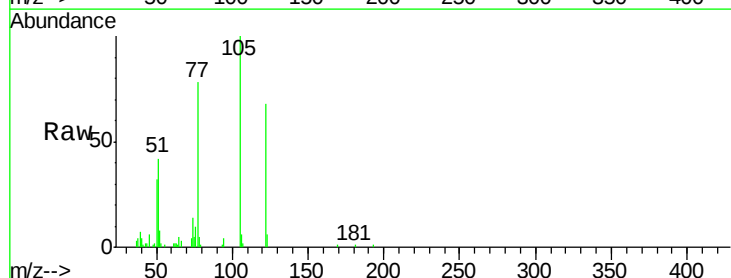
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	7.6	11.4
127	12.5	10.6	16.0



#32
Benzoic acid
Concen: 33.32 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.1	96.7	136.7#
77	114.3	78.5	118.5

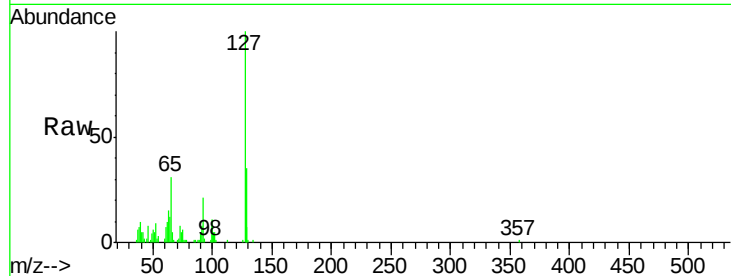




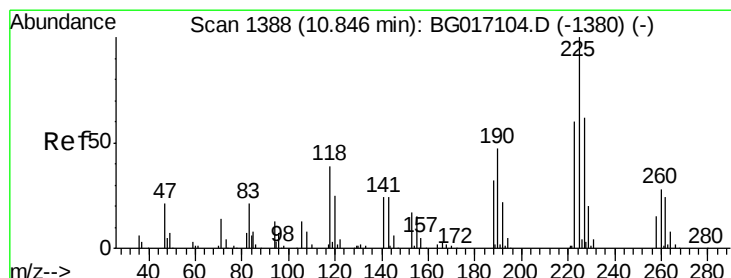
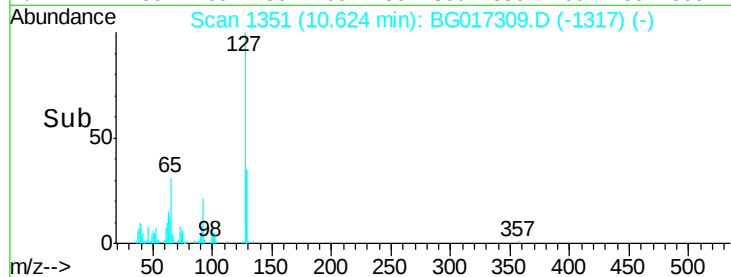
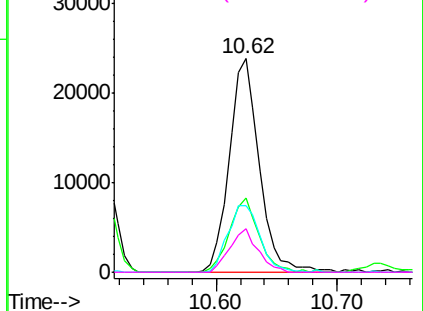
#33
4-Chloroaniline
Concen: 17.28 ng
RT: 10.62 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:127	Resp:	41293
Ion Ratio	Lower	Upper
127	100	
129	34.8	24.8 37.2
65	31.4	25.8 38.6
92	20.6	15.0 22.4

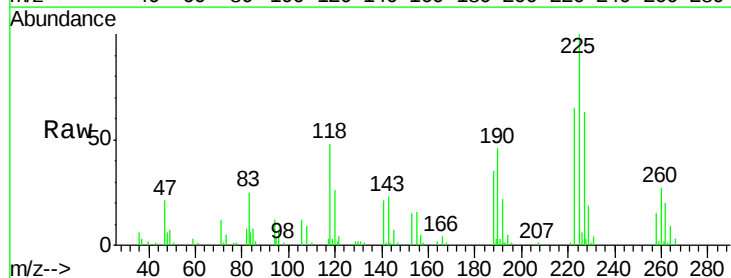


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

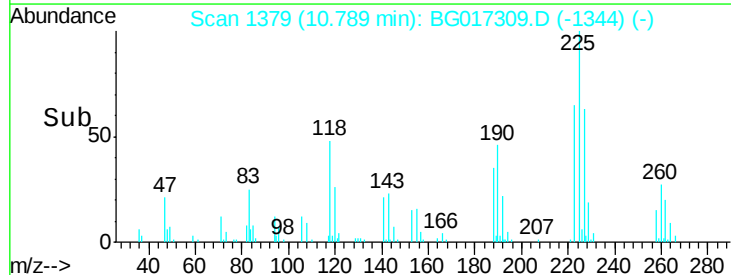
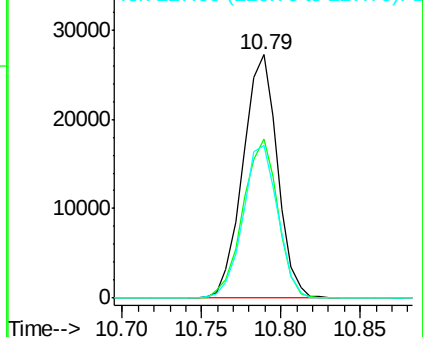


#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 10.79 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:225	Resp:	41089
Ion Ratio	Lower	Upper
225	100	
223	65.4	48.3 72.5
227	62.6	49.8 74.8



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





#35

Caprolactam

Concen: 41.52 ng/ml

RT: 11.39 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

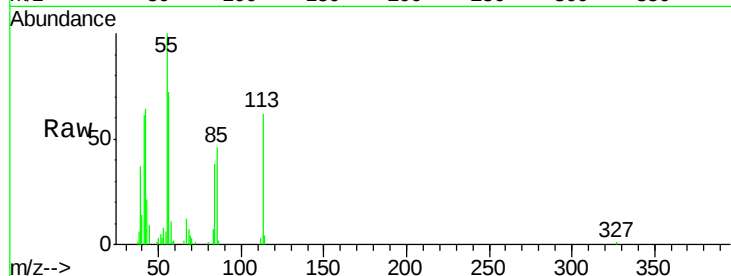
Tot Ion:113 Resp: 31361

Ion Ratio Lower Upper

113 100

55 161.0 124.1 164.1

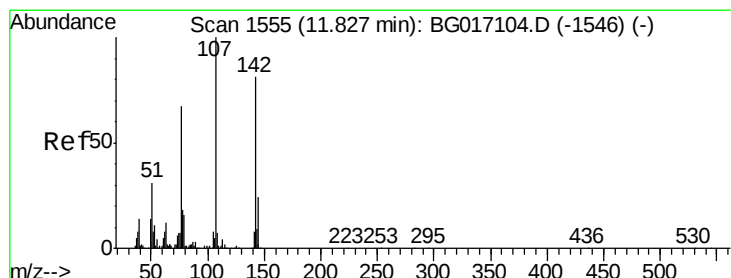
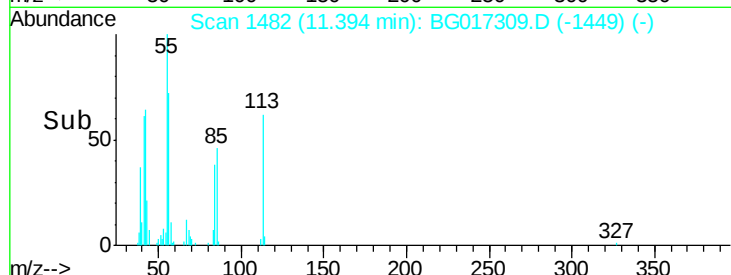
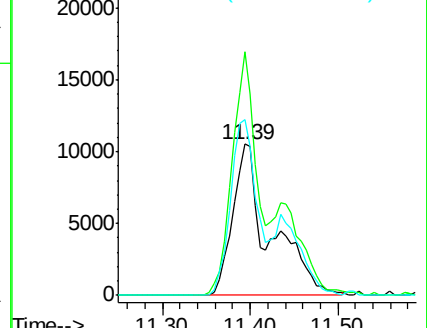
56 116.3 100.3 140.3



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: 43.00 ng/ml

RT: 11.78 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

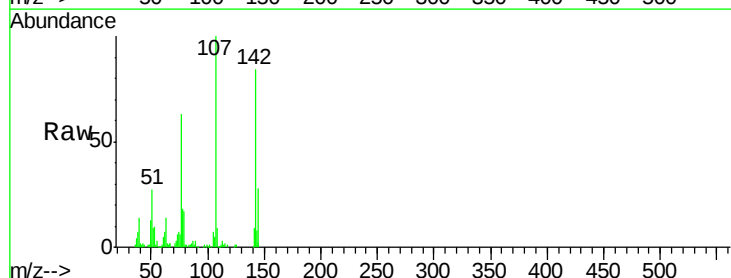
Tgt Ion:107 Resp: 81615

Ion Ratio Lower Upper

107 100

144 28.3 19.6 29.4

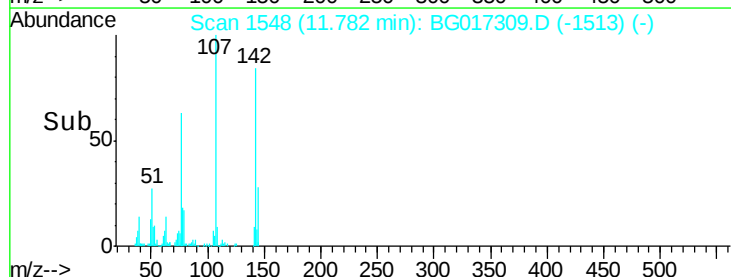
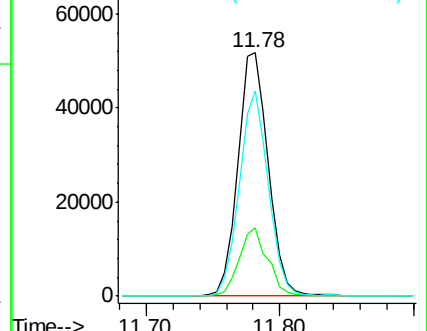
142 84.1 64.9 97.3

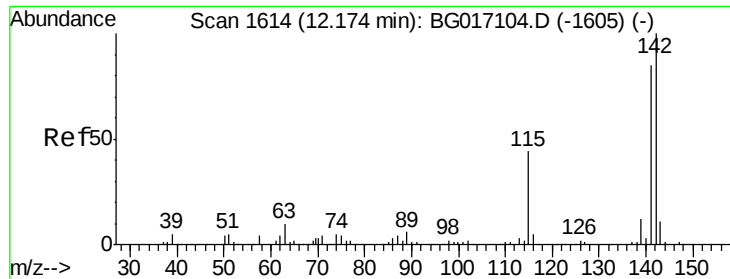


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

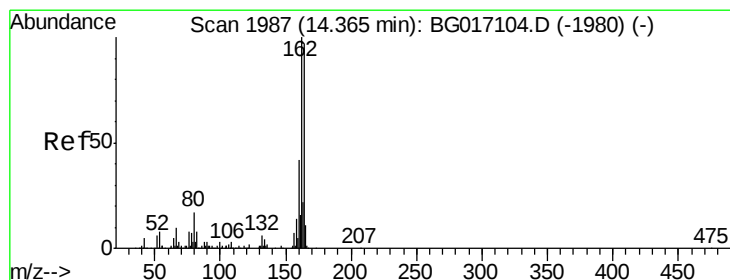
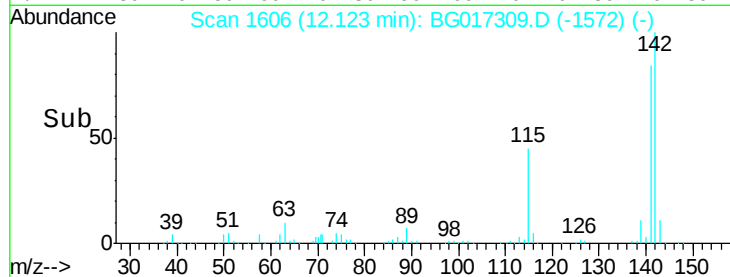
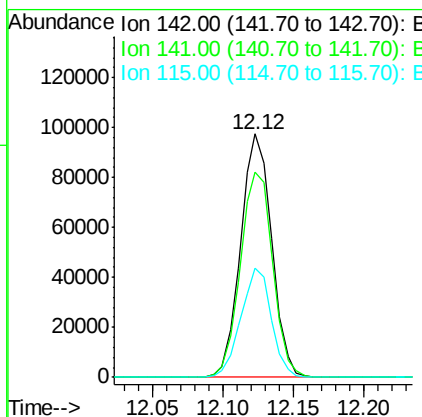
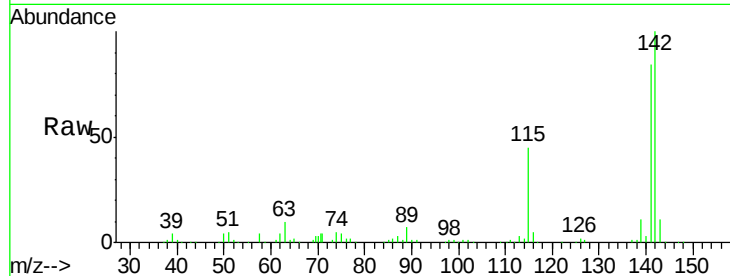




#37
2-Methylnaphthalene
Concen: 37.33 ng
RT: 12.12 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

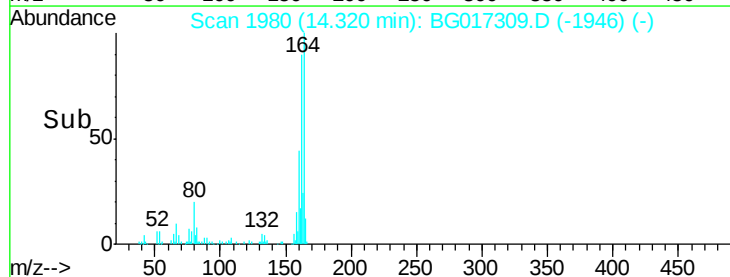
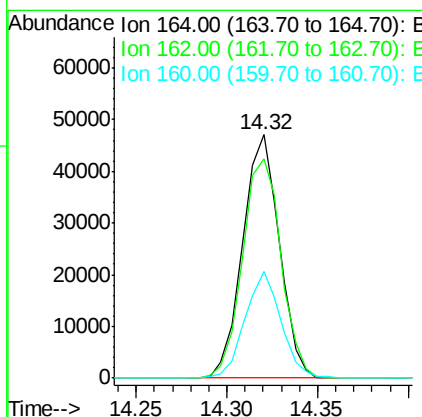
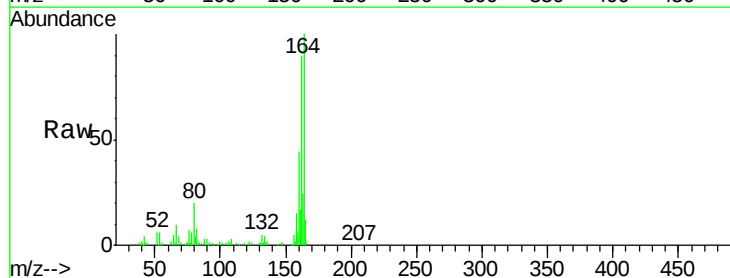
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:142 Resp: 149617
Ion Ratio Lower Upper
142 100
141 84.1 68.2 102.2
115 45.0 35.6 53.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:164 Resp: 65949
Ion Ratio Lower Upper
164 100
162 89.9 82.1 123.1
160 44.0 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

Tot Ion:216 Resp: 75313

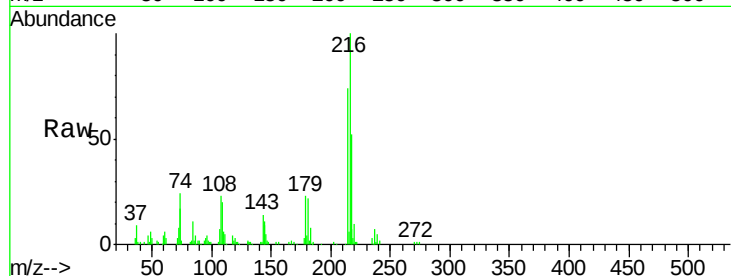
Ion Ratio Lower Upper

216 100

214 77.5 63.3 94.9

179 22.1 17.8 26.8

108 26.0 19.9 29.9

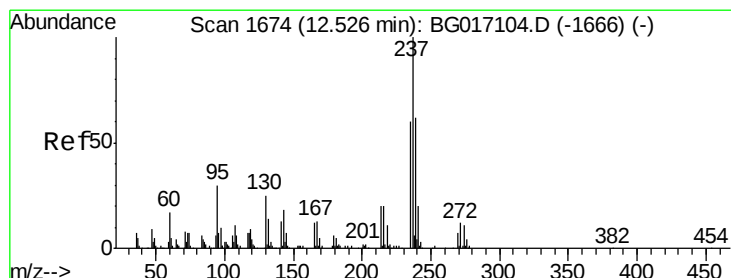
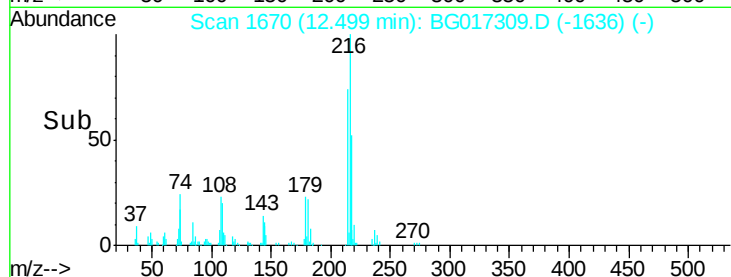
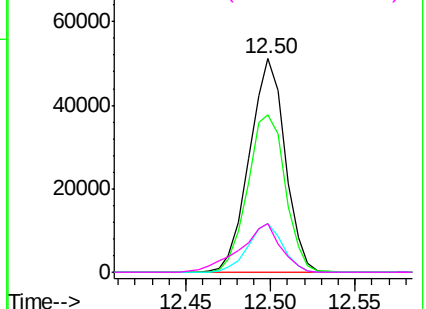


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.98 ng

RT: 12.48 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

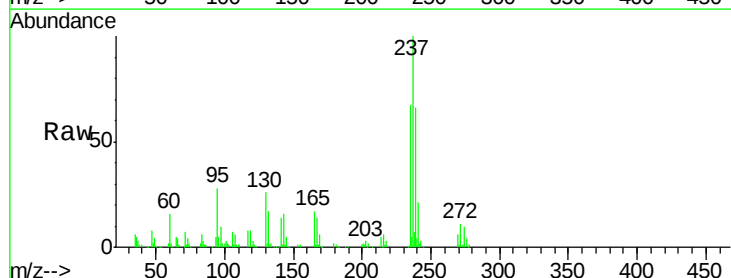
Tgt Ion:237 Resp: 98995

Ion Ratio Lower Upper

237 100

235 66.8 39.7 79.7

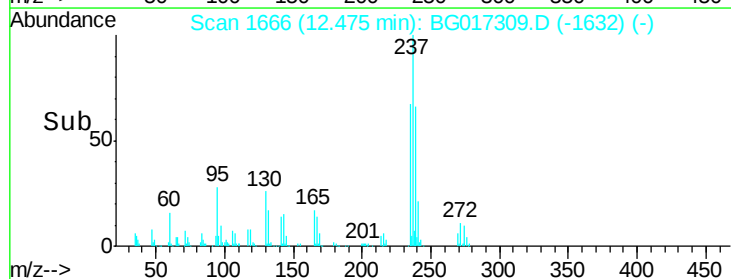
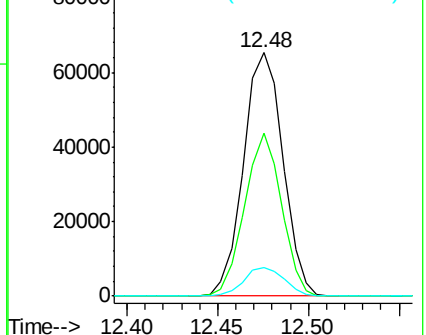
272 11.5 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

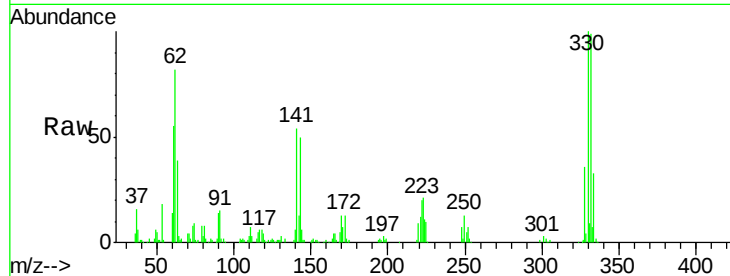




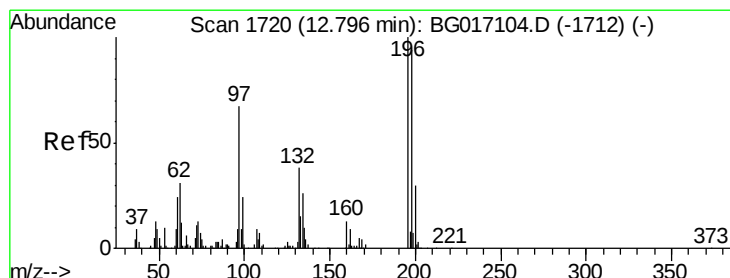
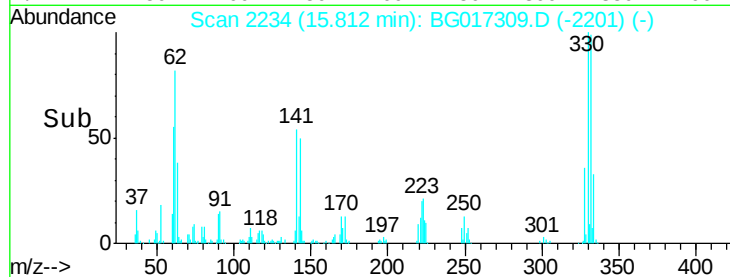
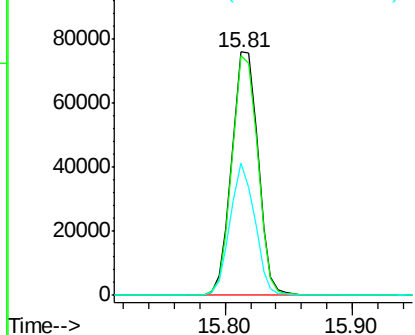
#41
 2,4,6-Tribromophenol
 Concen: 136.78 ng
 RT: 15.81 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	50.8	42.2	63.2

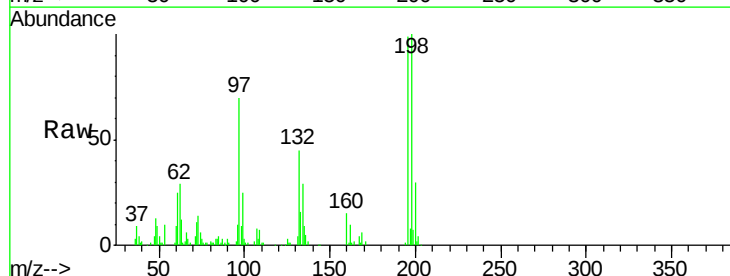


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

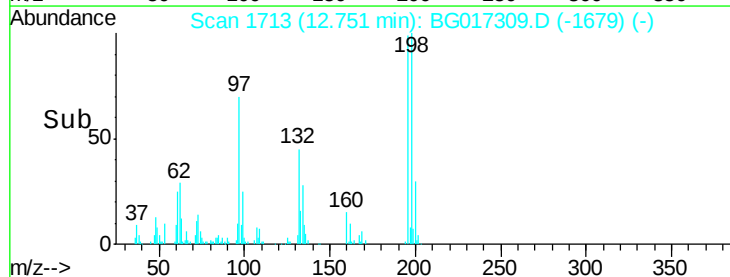
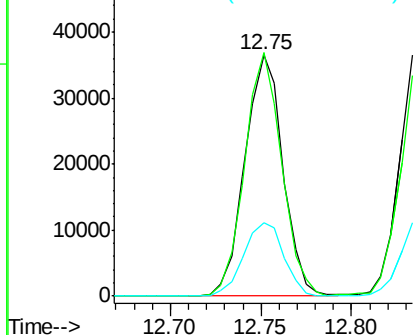


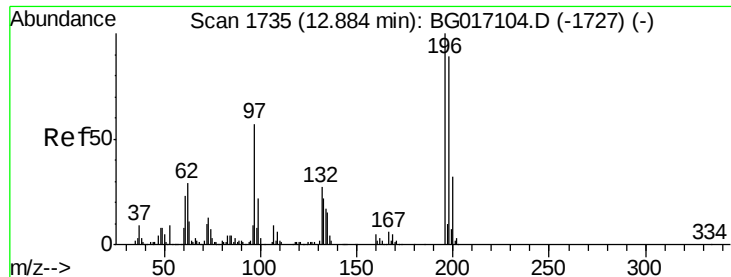
#42
 2,4,6-Trichlorophenol
 Concen: 40.24 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.9	74.9	112.3
200	30.4	24.2	36.2



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

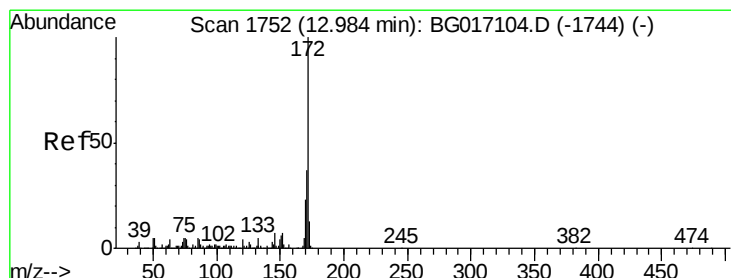
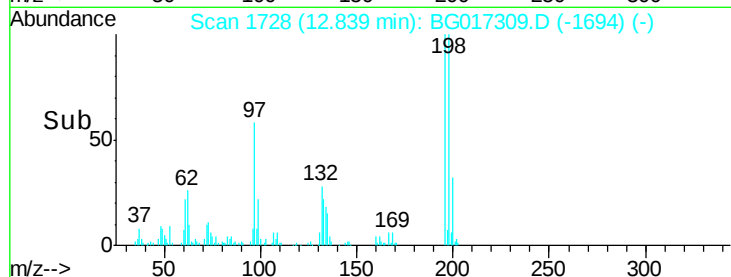
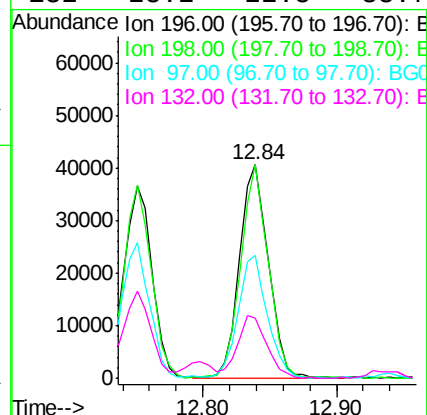
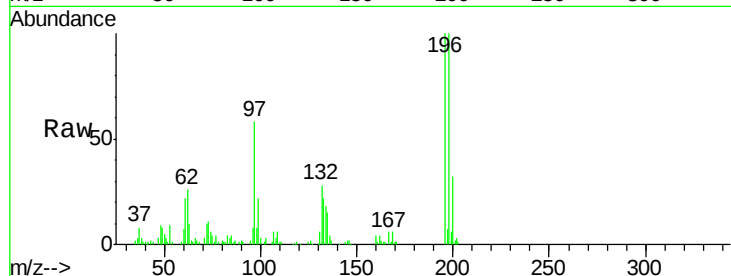




#43
2,4,5-Trichlorophenol
Concen: 45.01 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

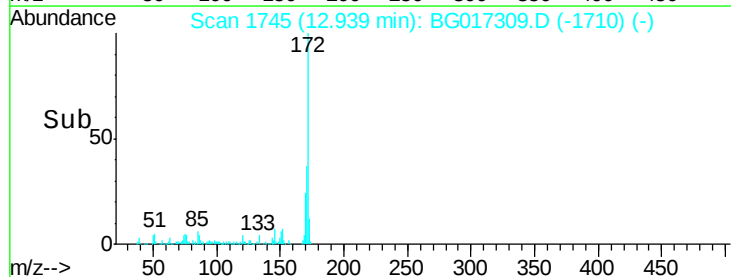
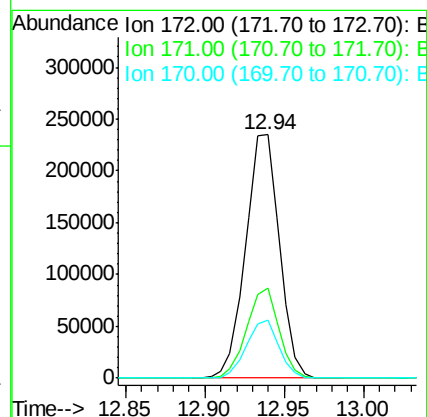
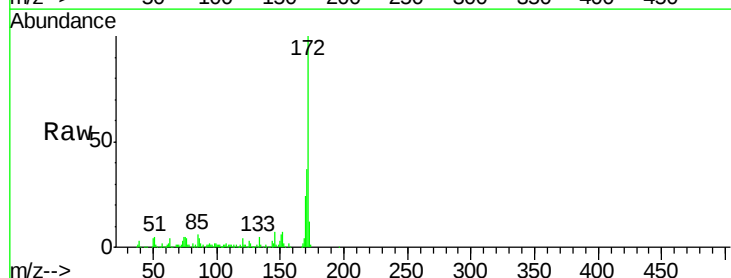
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:196 Resp: 61384
Ion Ratio Lower Upper
196 100
198 99.9 71.4 107.0
97 57.7 45.4 68.0
132 28.2 22.5 33.7



#44
2-Fluorobiphenyl
Concen: 77.18 ng
RT: 12.94 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:172 Resp: 346865
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 23.7 18.4 27.6





#45

1,1'-Biphenyl

Concen: 40.08 ng

RT: 13.15 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

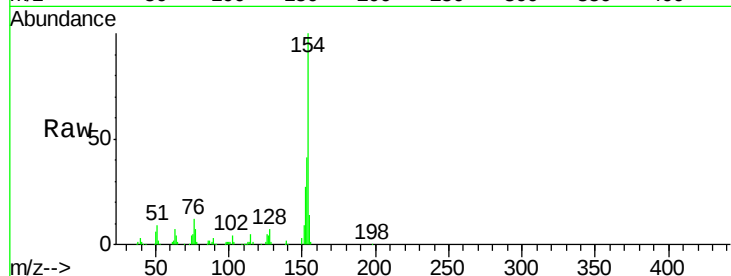
Tot Ion:154 Resp: 190404

Ion Ratio Lower Upper

154 100

153 40.6 21.5 61.5

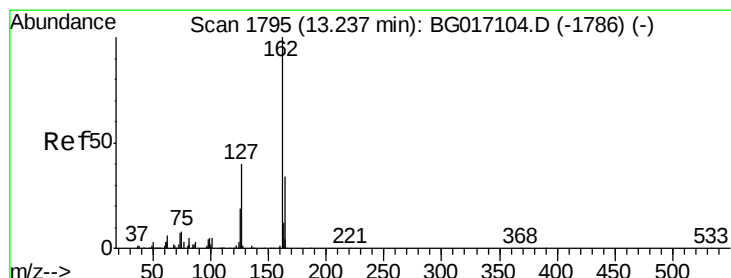
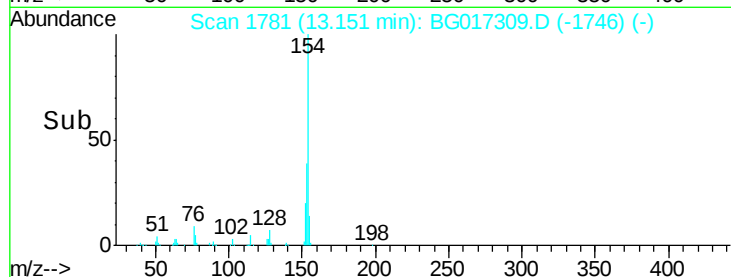
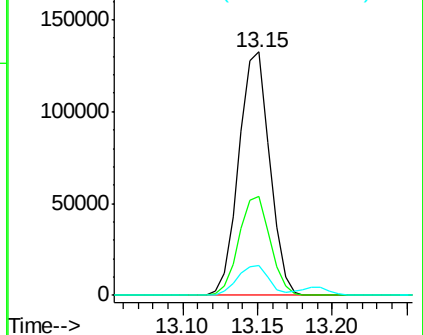
76 12.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 40.55 ng

RT: 13.19 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

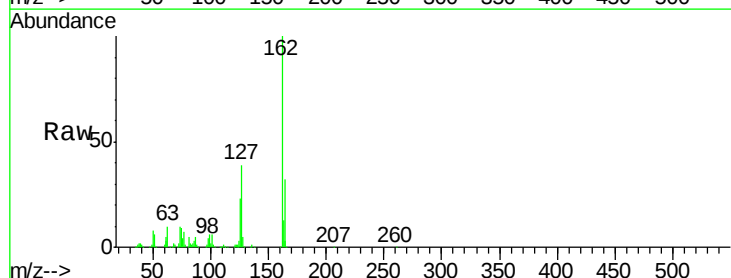
Tgt Ion:162 Resp: 152502

Ion Ratio Lower Upper

162 100

127 39.5 33.5 50.3

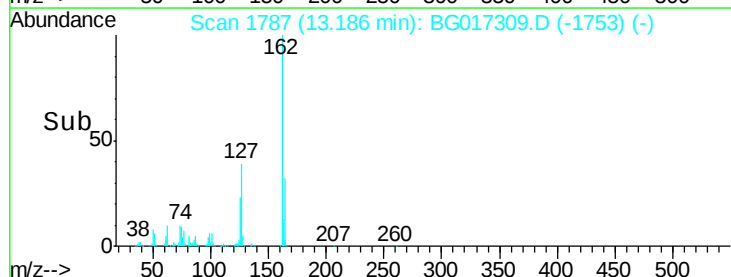
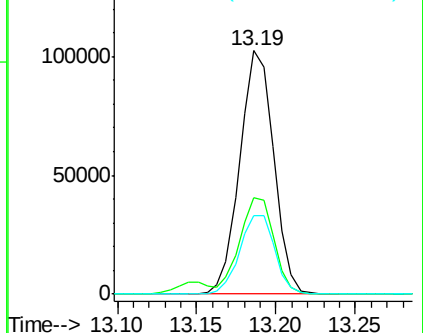
164 32.2 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.83 ng

RT: 13.40 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

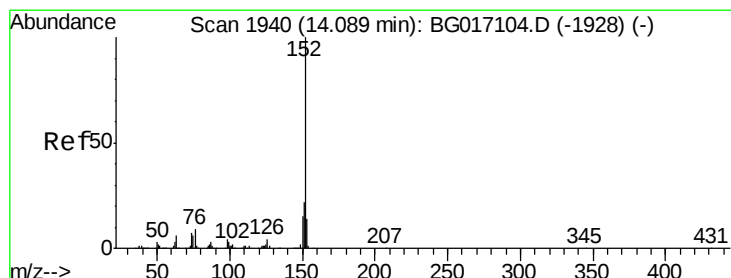
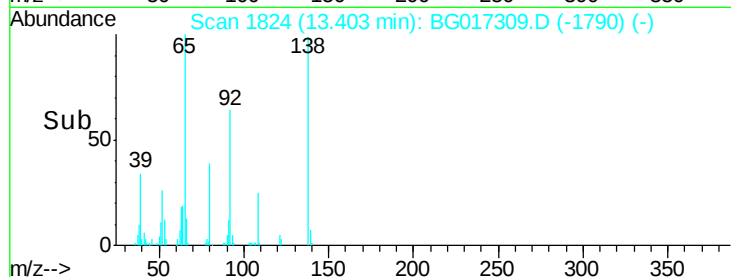
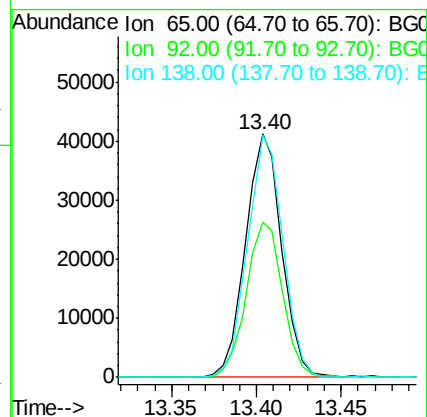
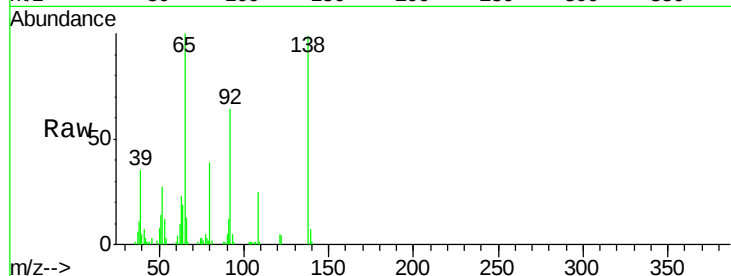
Tot Ion: 65 Resp: 61211

Ion Ratio Lower Upper

65 100

92 64.0 51.0 76.4

138 99.4 79.3 118.9



#48

Acenaphthylene

Concen: 40.75 ng

RT: 14.04 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

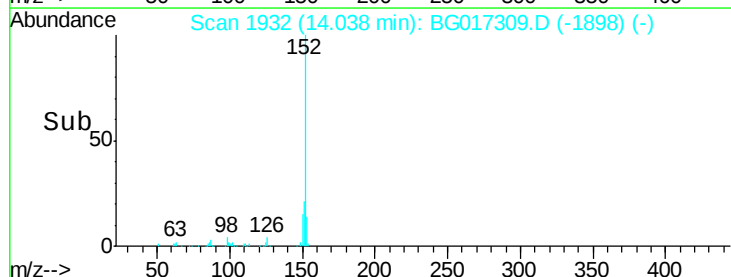
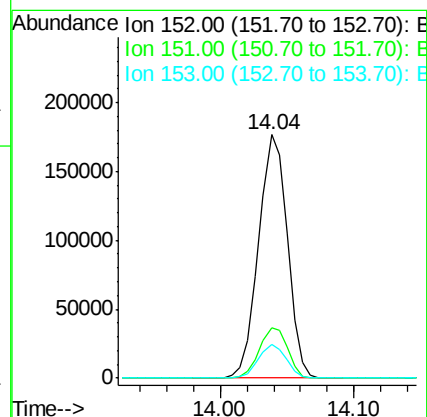
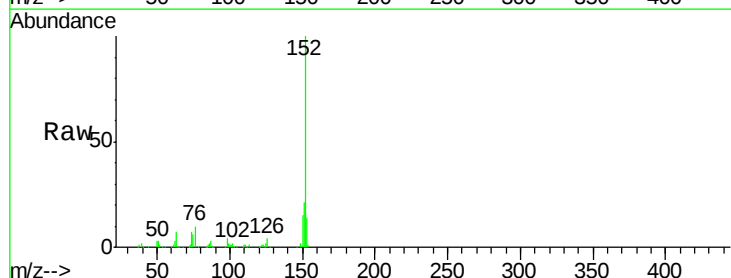
Tgt Ion: 152 Resp: 262460

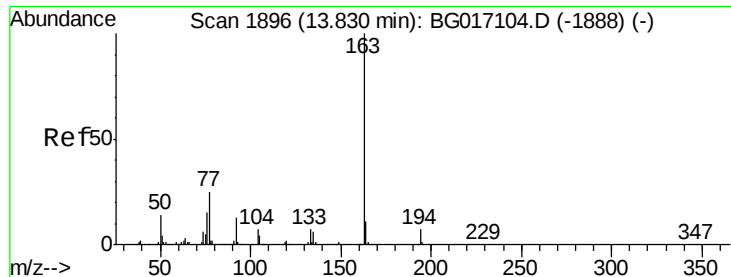
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 40.06 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

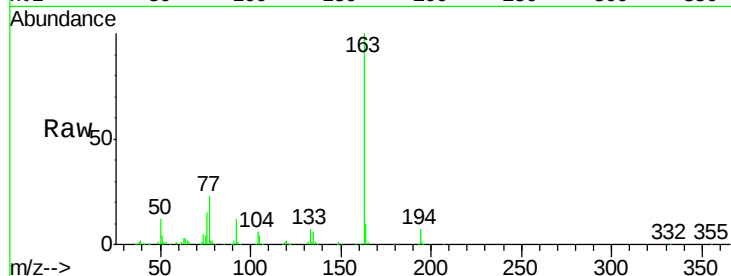
Tot Ion:163 Resp: 206590

Ion Ratio Lower Upper

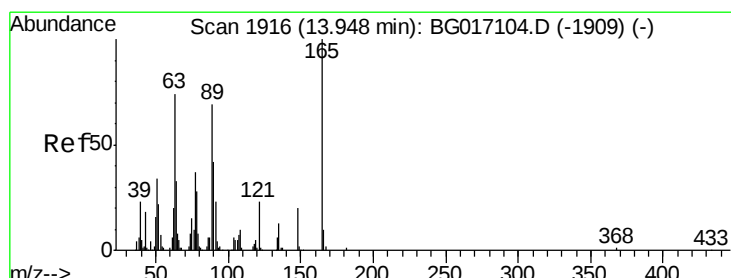
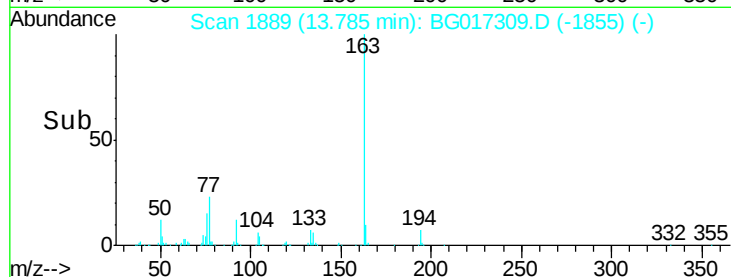
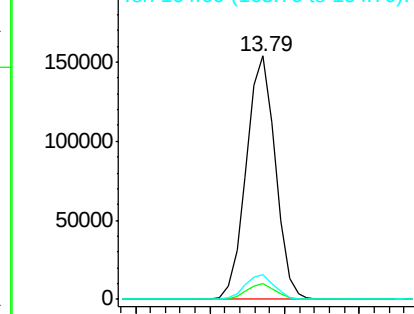
163 100

194 6.7 5.6 8.4

164 9.9 8.6 13.0



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: 41.83 ng

RT: 13.91 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

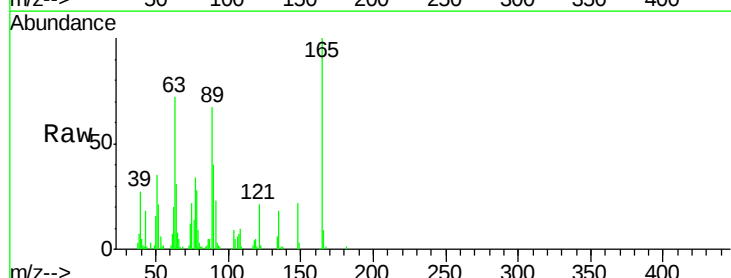
Tgt Ion:165 Resp: 47801

Ion Ratio Lower Upper

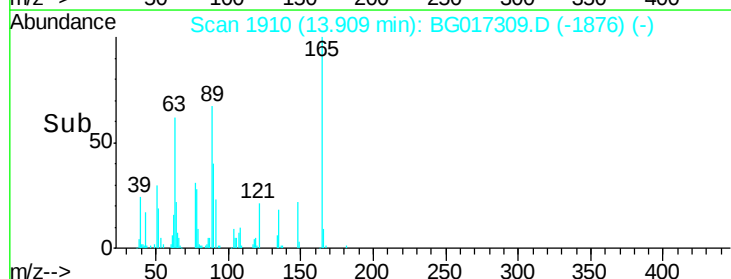
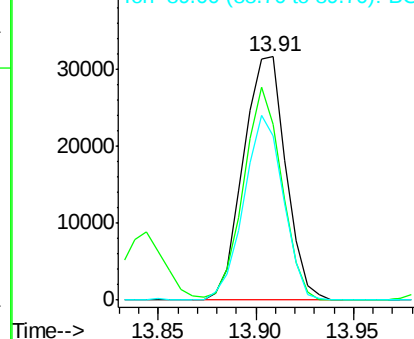
165 100

63 72.4 60.6 90.8

89 67.4 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.32 ng

RT: 14.38 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

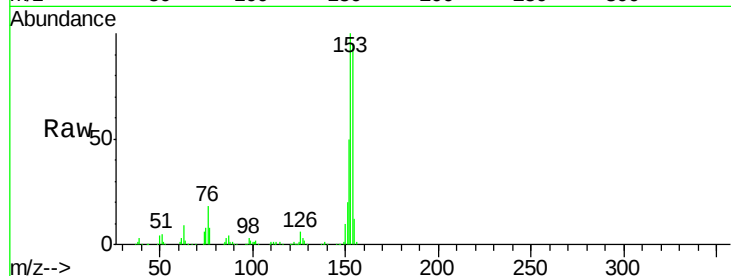
Tot Ion:154 Resp: 153400

Ion Ratio Lower Upper

154 100

153 105.8 86.2 129.4

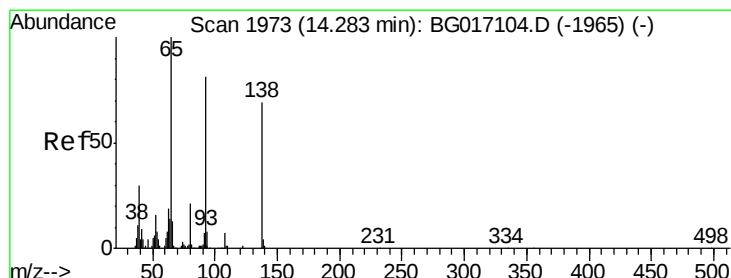
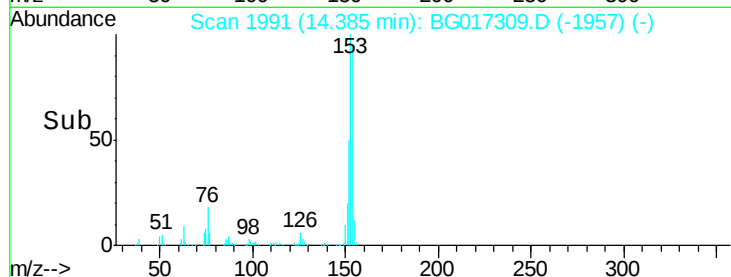
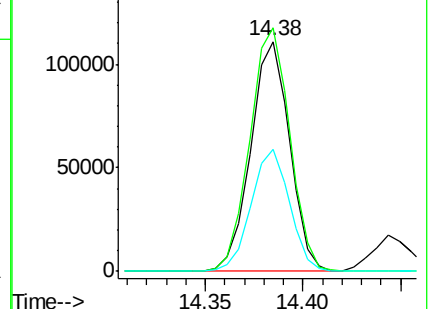
152 53.3 41.5 62.3



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: 27.48 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

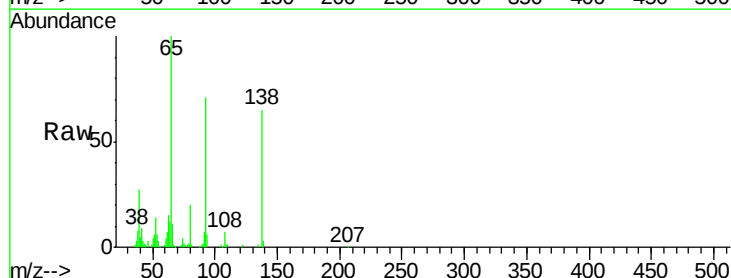
Tgt Ion:138 Resp: 34836

Ion Ratio Lower Upper

138 100

108 11.5 7.6 11.4#

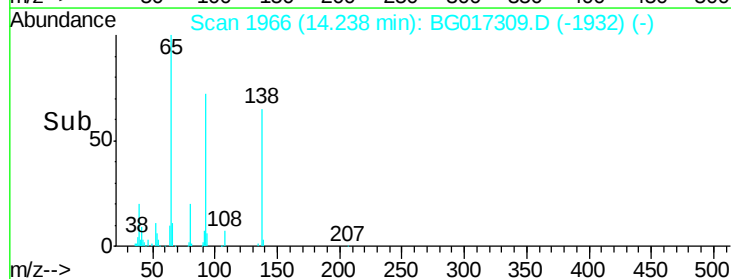
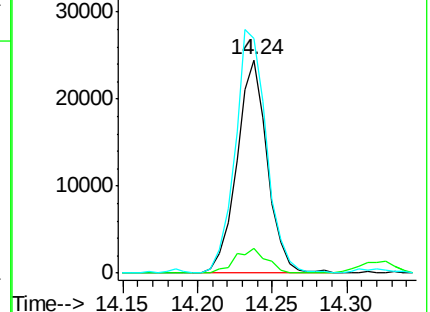
92 109.8 93.6 140.4

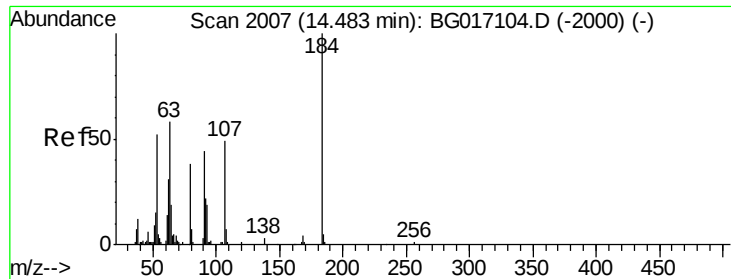


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

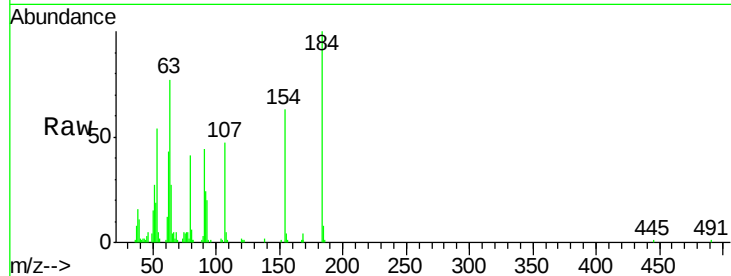




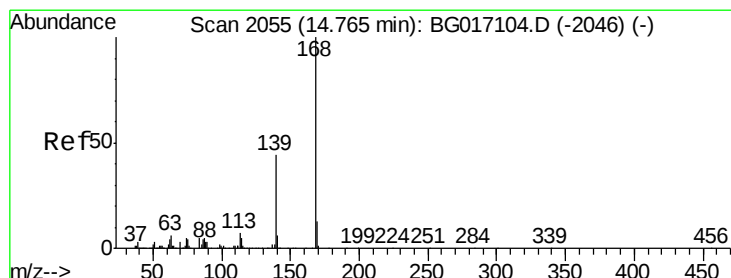
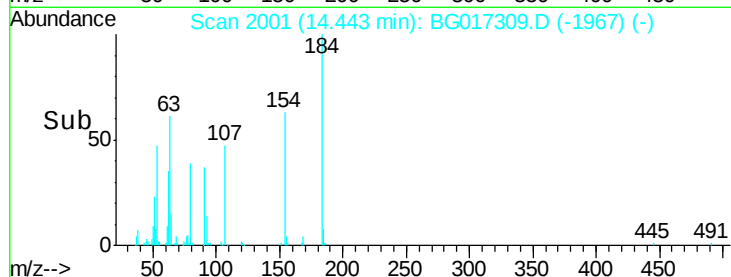
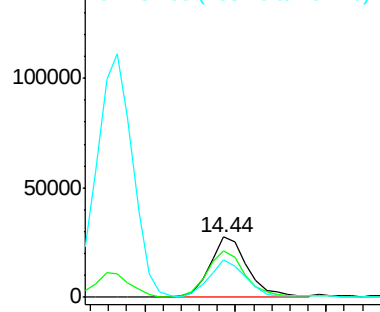
#53
2,4-Dinitrophenol
Concen: 59.67 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:184 Resp: 39591
Ion Ratio Lower Upper
184 100
63 77.0 63.6 95.4
154 63.2 47.8 71.6

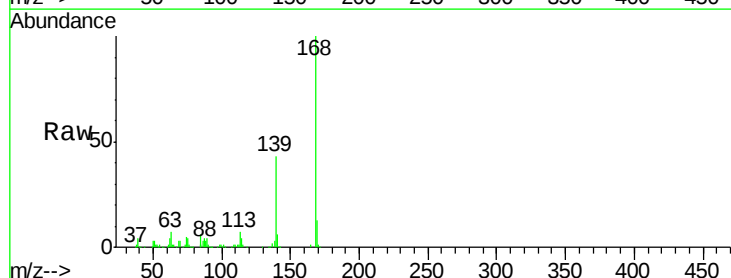


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

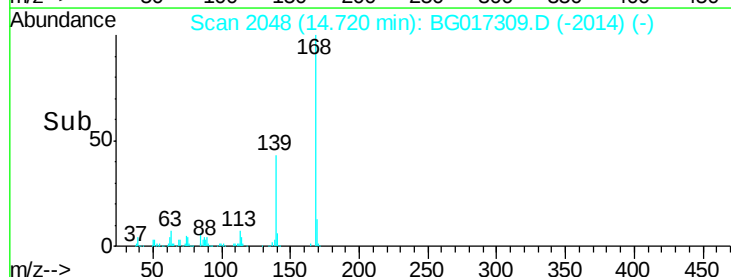
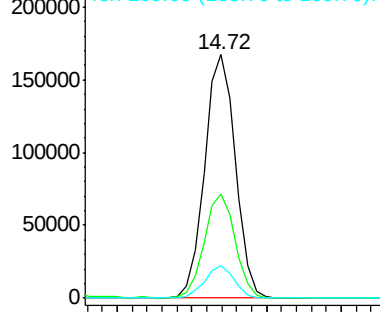


#54
Dibenzofuran
Concen: 42.23 ng
RT: 14.72 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:168 Resp: 238867
Ion Ratio Lower Upper
168 100
139 42.7 34.9 52.3
169 13.1 10.5 15.7



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

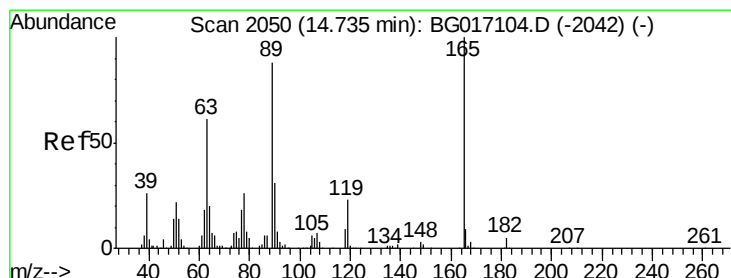
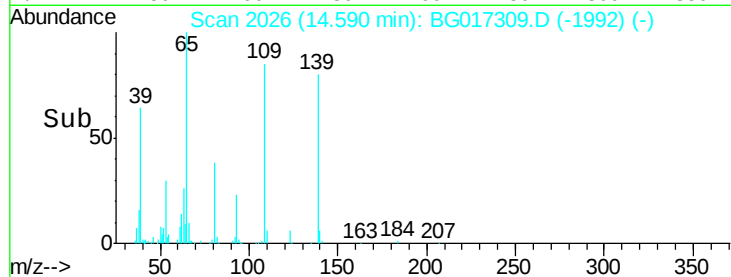
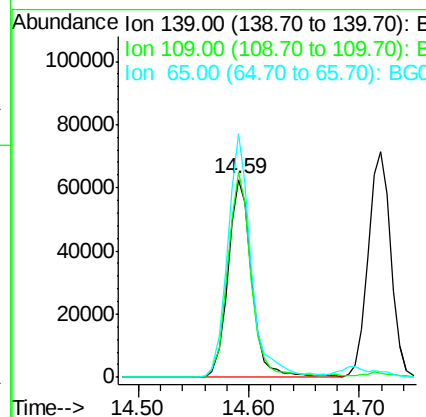
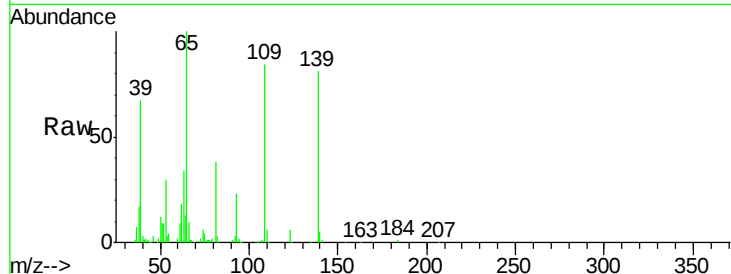




#55
4-Nitrophenol
Concen: 92.18 ng
RT: 14.59 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

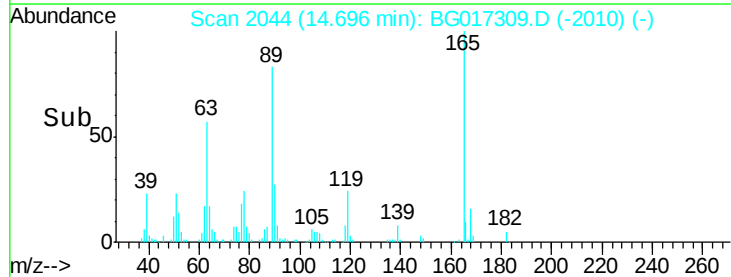
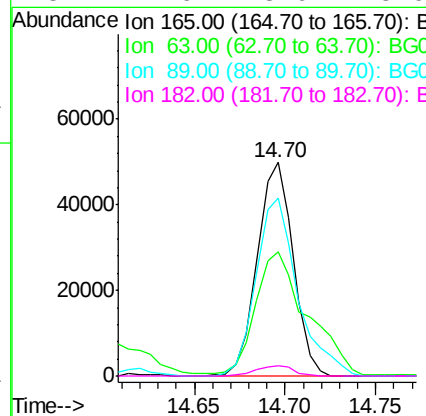
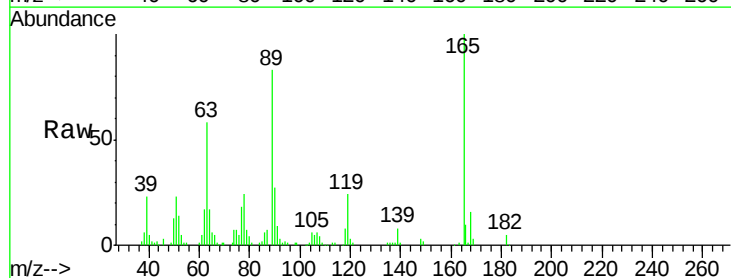
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:139 Resp: 94106
Ion Ratio Lower Upper
139 100
109 104.1 90.5 130.5
65 123.3 99.9 139.9



#56
2,4-Dinitrotoluene
Concen: 43.27 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:165 Resp: 68969
Ion Ratio Lower Upper
165 100
63 58.2 49.0 73.4
89 83.1 70.1 105.1
182 4.6 3.9 5.9





#57

Fluorene

Concen: 41.83 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

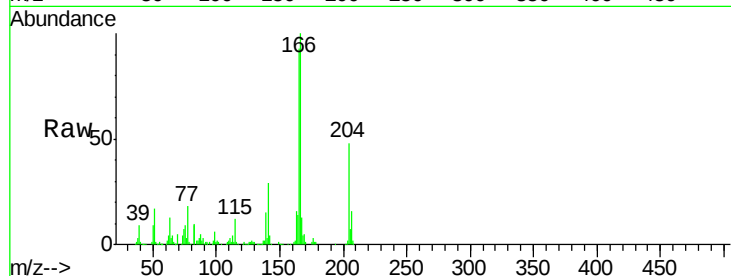
Tot Ion:166 Resp: 209446

Ion Ratio Lower Upper

166 100

165 93.3 74.2 111.4

167 13.4 9.8 14.8

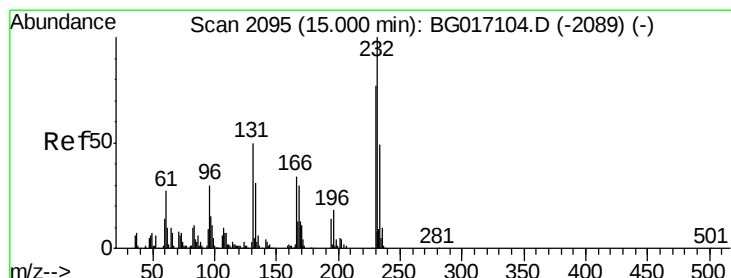
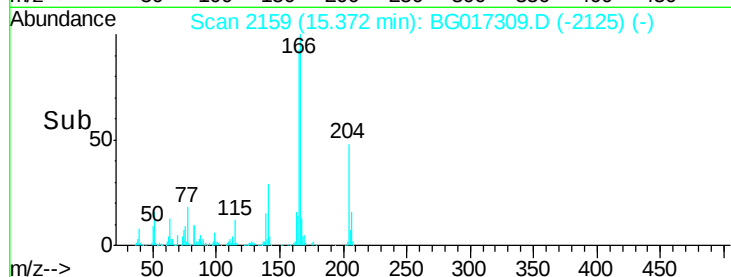
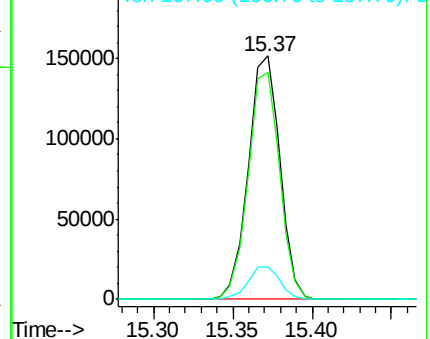


Abundance

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: 45.55 ng

RT: 14.95 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Tgt Ion:232 Resp: 57005

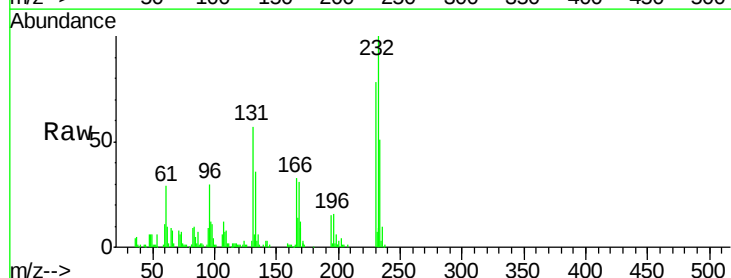
Ion Ratio Lower Upper

232 100

131 54.0 42.7 64.1

130 3.7 3.0 4.4

166 32.0 25.7 38.5



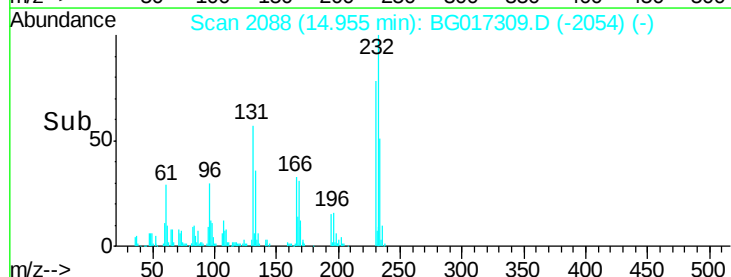
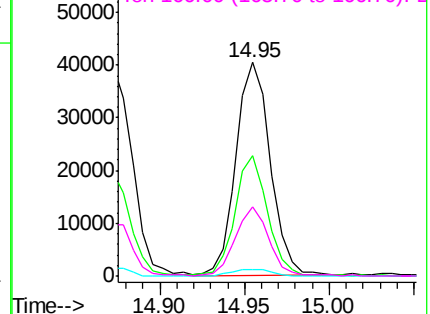
Abundance

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: 40.28 ng

RT: 15.15 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

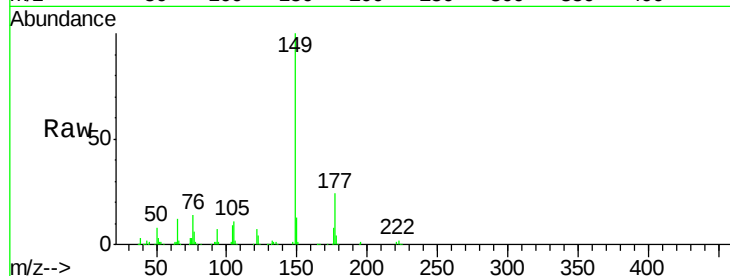
Tot Ion:149 Resp: 223135

Ion Ratio Lower Upper

149 100

177 23.9 18.3 27.5

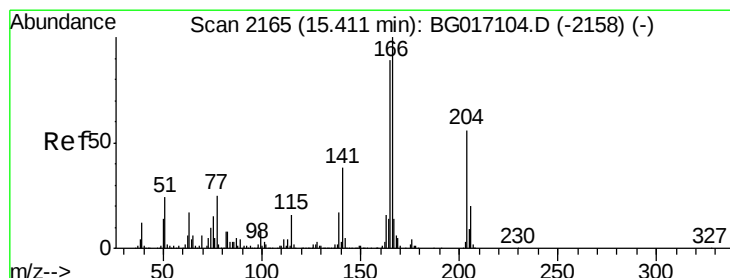
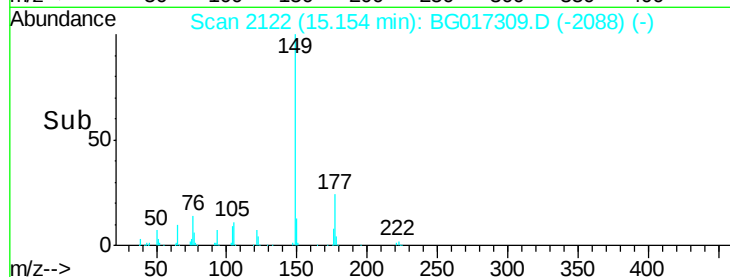
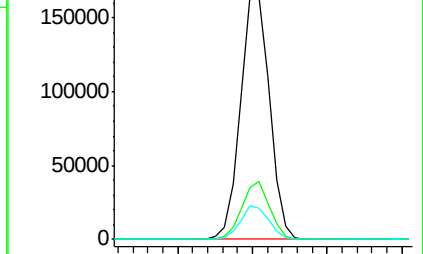
150 12.9 10.4 15.6



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: 42.00 ng

RT: 15.37 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

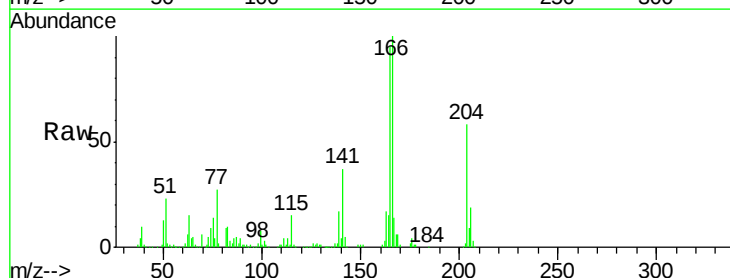
Tgt Ion:204 Resp: 108018

Ion Ratio Lower Upper

204 100

206 32.3 28.6 42.8

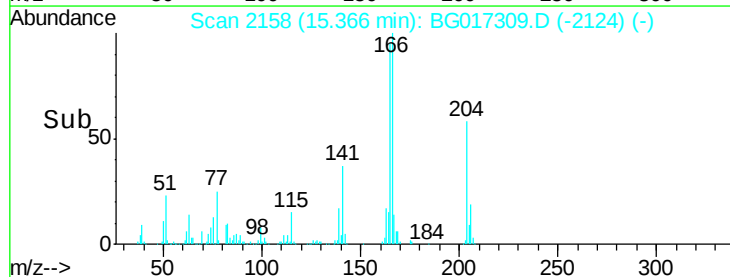
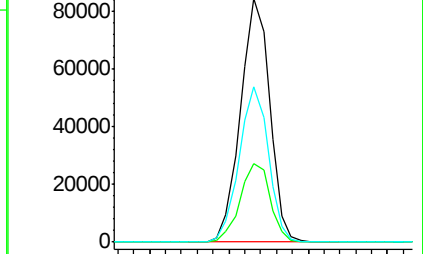
141 63.5 54.2 81.2

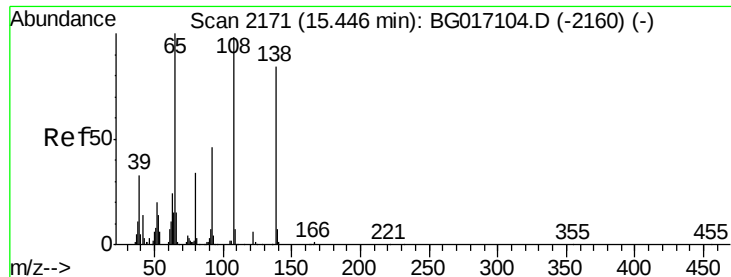


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

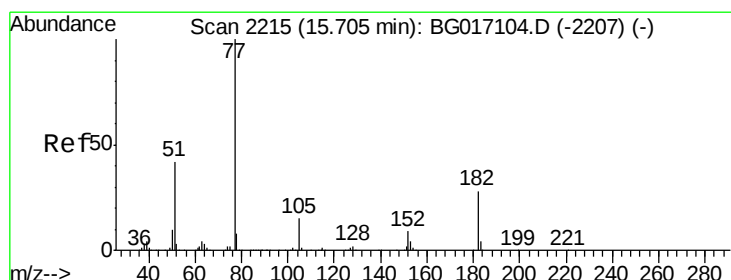
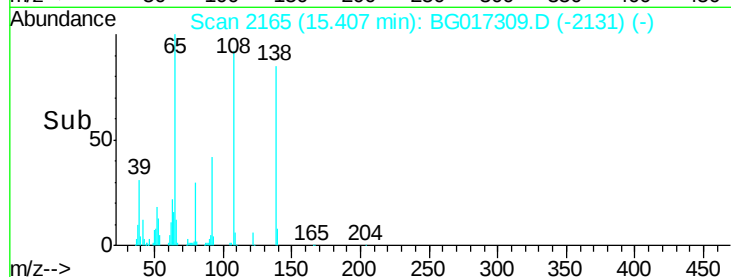
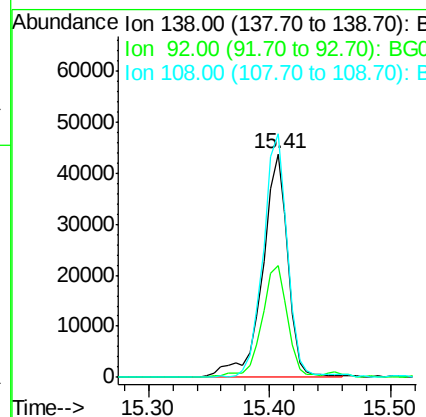
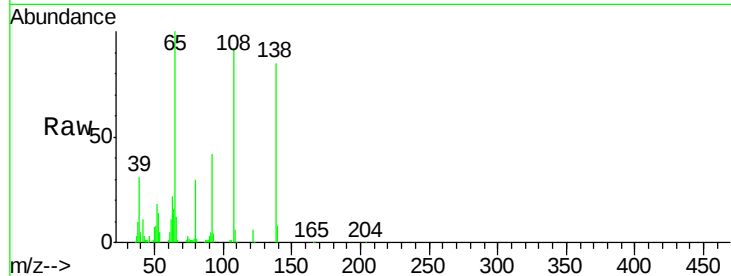




#61
4-Nitroaniline
Concen: 45.19 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

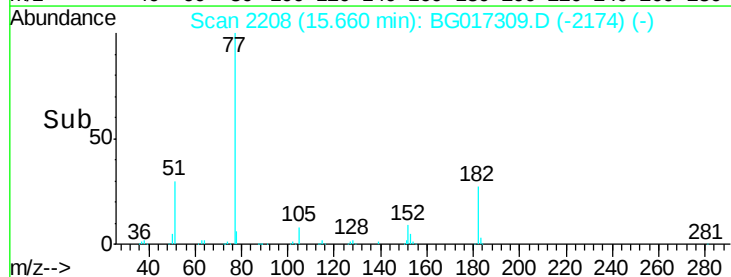
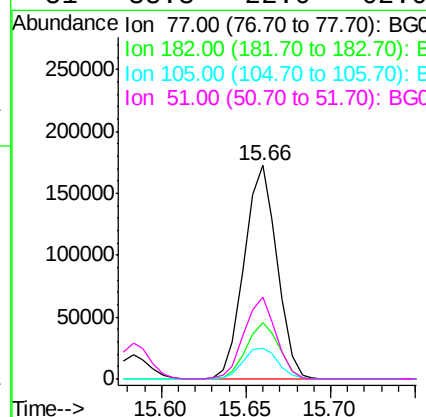
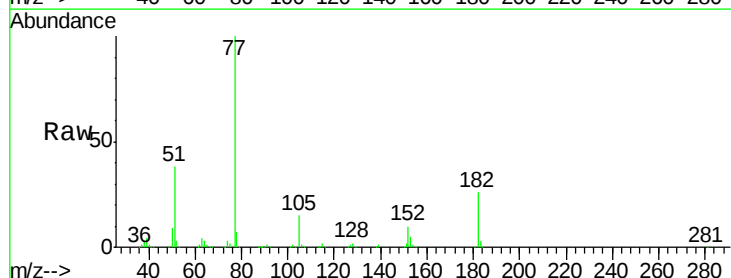
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

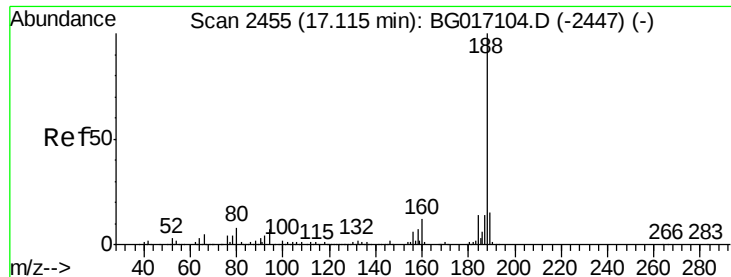
Tot Ion:138 Resp: 63925
Ion Ratio Lower Upper
138 100
92 50.0 34.9 74.9
108 108.9 95.8 135.8



#62
Azobenzene
Concen: 44.10 ng
RT: 15.66 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion: 77 Resp: 233365
Ion Ratio Lower Upper
77 100
182 26.3 8.1 48.1
105 14.6 0.0 34.8
51 38.3 22.0 62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

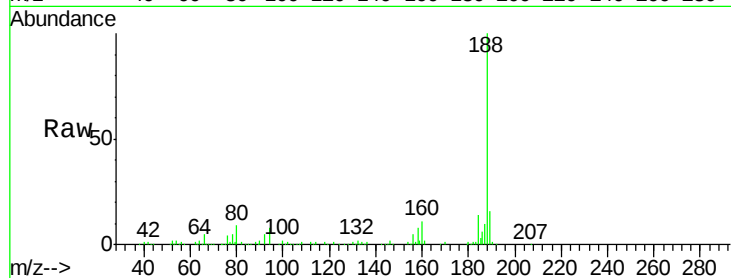
Tot Ion:188 Resp: 162509

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

80 9.3 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

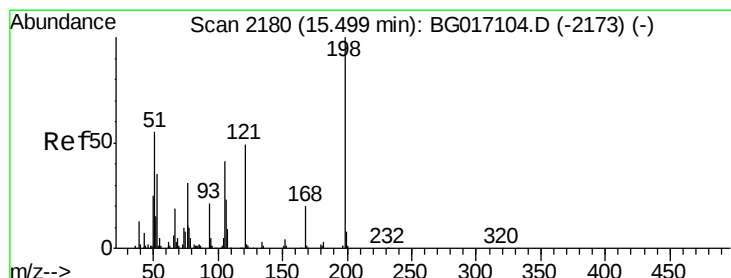
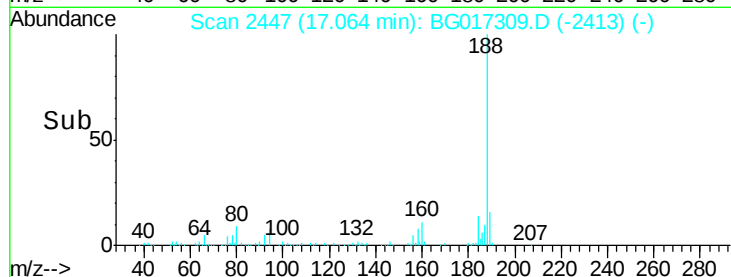
17.06

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.97 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

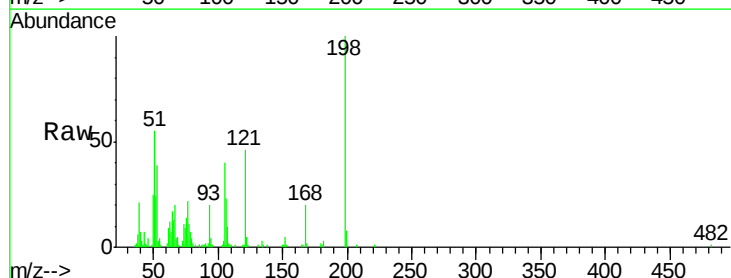
Tgt Ion:198 Resp: 40067

Ion Ratio Lower Upper

198 100

51 55.0 39.9 79.9

105 40.3 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.46

40000

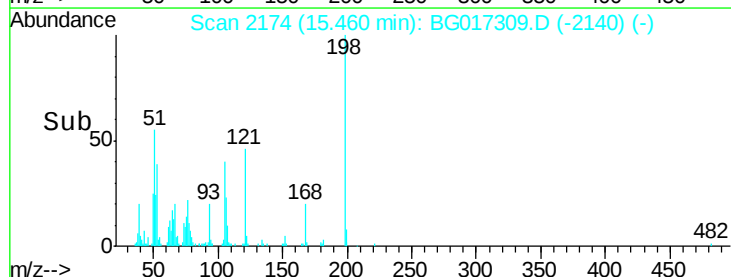
30000

20000

10000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 37.20 ng

RT: 15.58 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

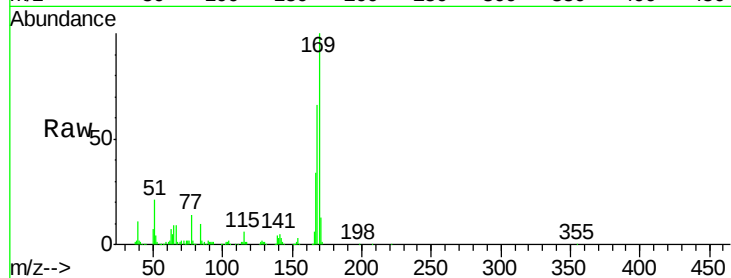
Tot Ion:169 Resp: 185612

Ion Ratio Lower Upper

169 100

168 65.7 51.7 77.5

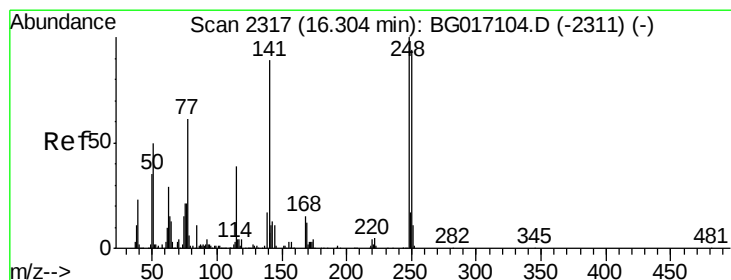
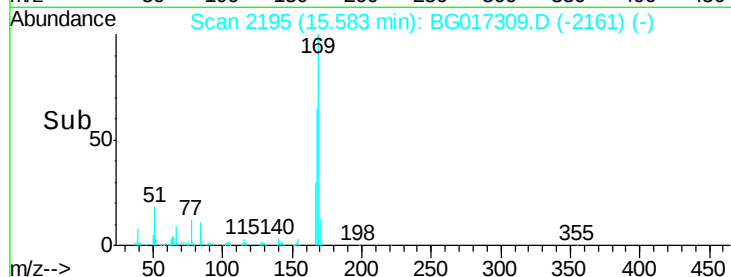
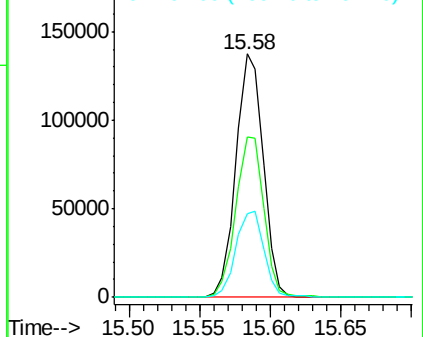
167 34.4 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.46 ng

RT: 16.26 min Scan# 2310

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

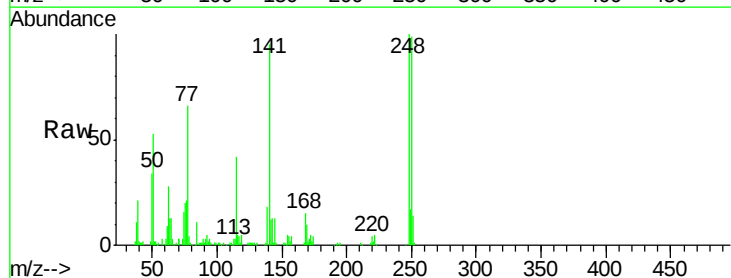
Tgt Ion:248 Resp: 66398

Ion Ratio Lower Upper

248 100

250 98.6 75.0 112.4

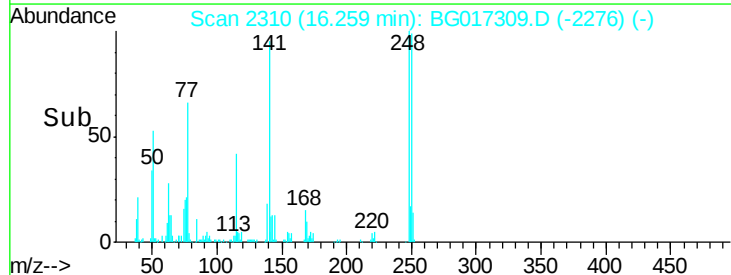
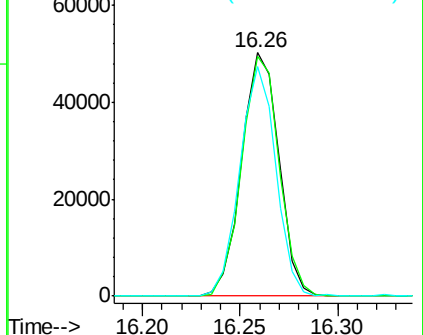
141 94.5 71.3 106.9

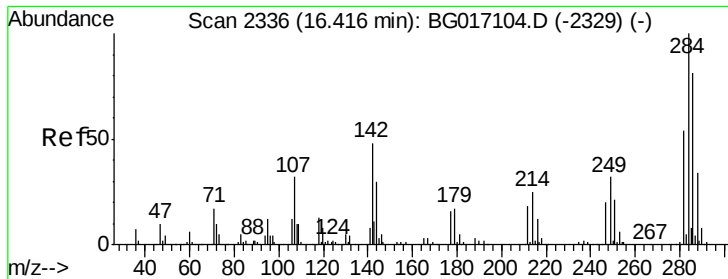


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

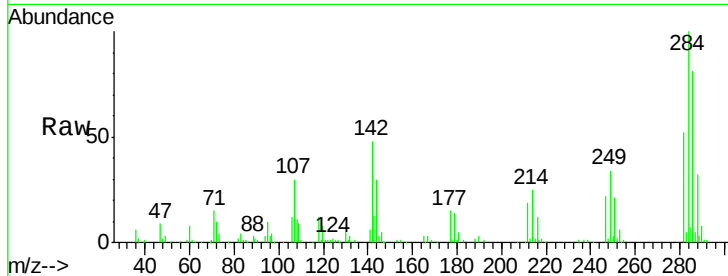




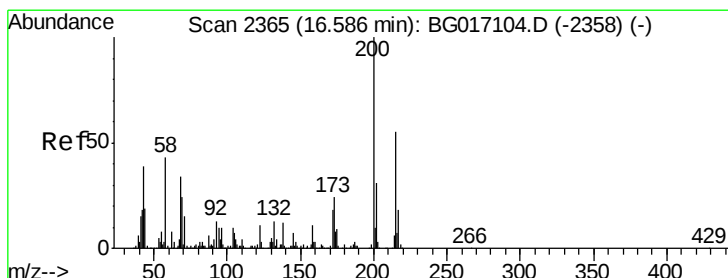
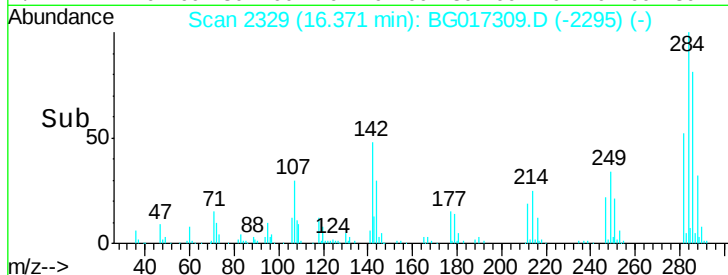
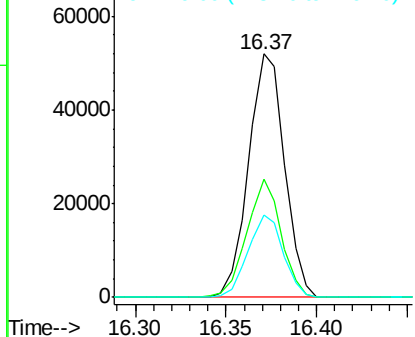
#67
Hexachlorobenzene
Concen: 38.29 ng
RT: 16.37 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion:284 Resp: 71613
Ion Ratio Lower Upper
284 100
142 48.5 38.2 57.2
249 33.6 25.2 37.8

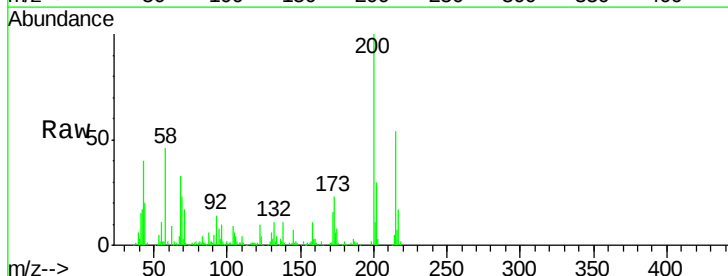


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

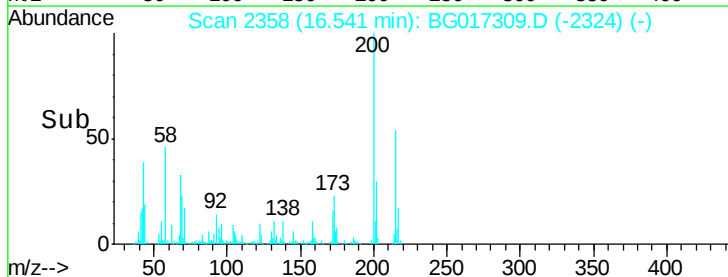
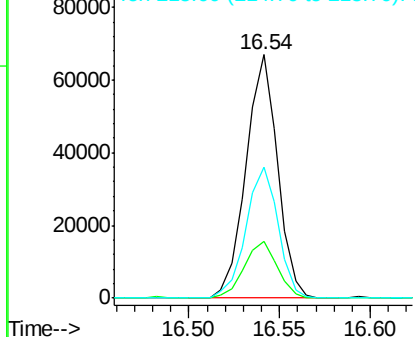


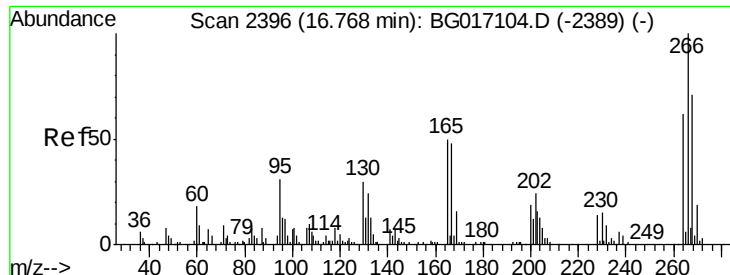
#68
Atrazine
Concen: 44.30 ng
RT: 16.54 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion:200 Resp: 80843
Ion Ratio Lower Upper
200 100
173 23.1 3.7 43.7
215 53.8 35.5 75.5



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: 82.68 ng

RT: 16.73 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

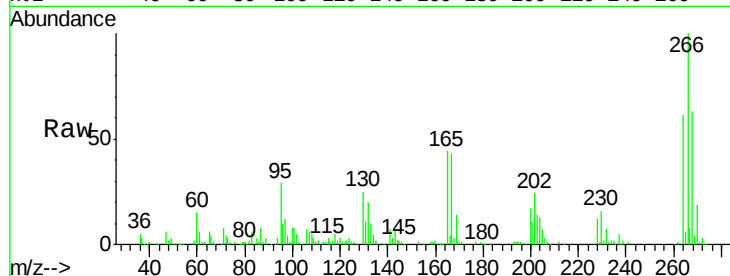
Tot Ion:266 Resp: 96536

Ion Ratio Lower Upper

266 100

268 62.9 56.6 84.8

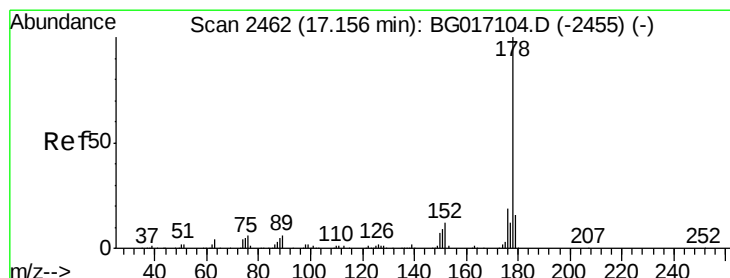
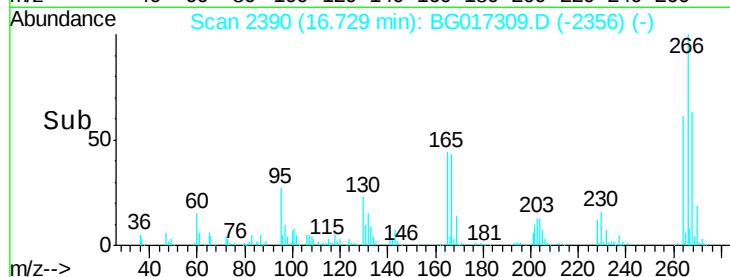
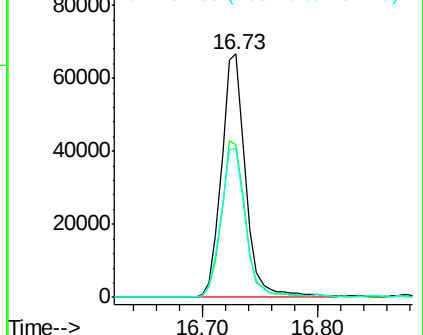
264 61.3 49.4 74.0



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: 40.75 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

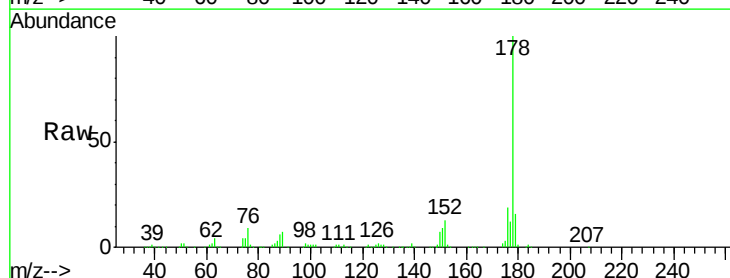
Tgt Ion:178 Resp: 341444

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

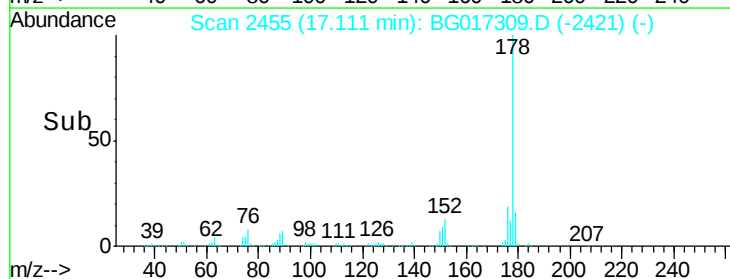
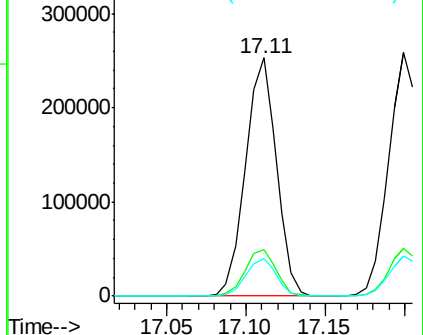
179 15.6 12.5 18.7

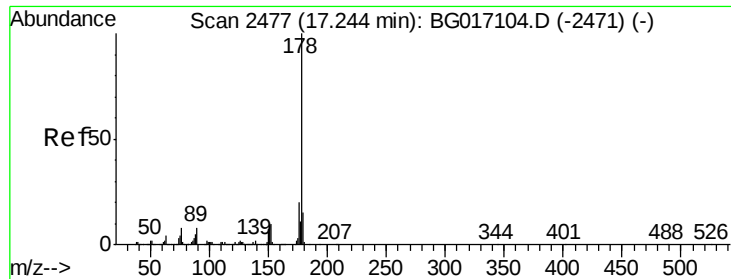


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

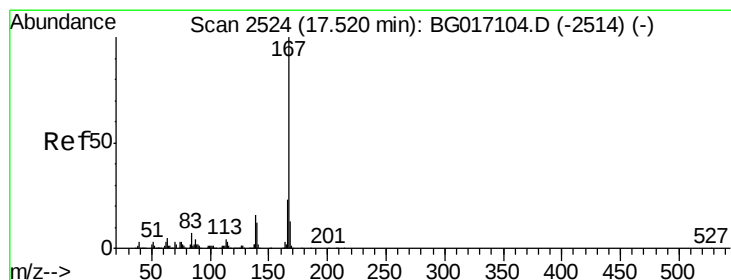
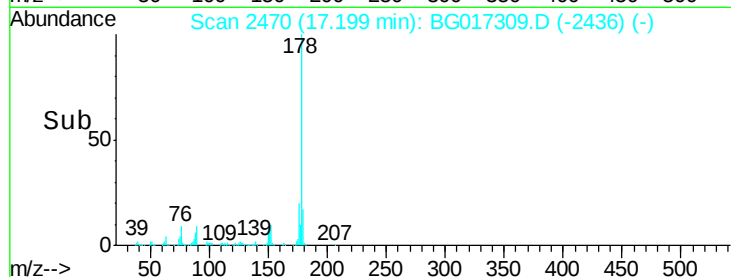
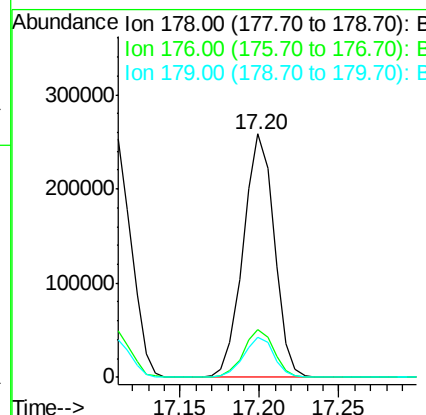
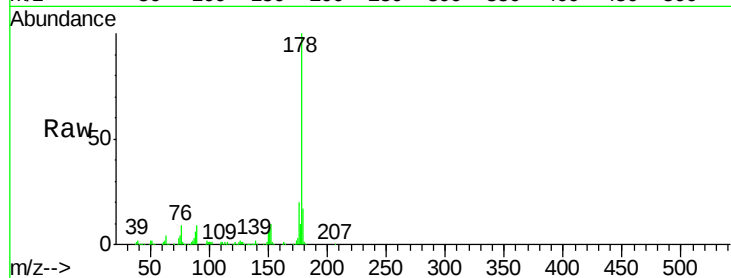




#71
 Anthracene
 Concen: 41.30 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

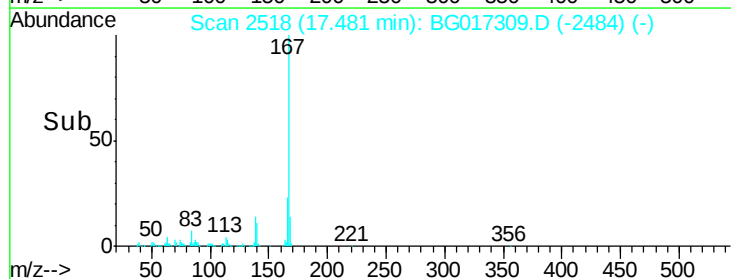
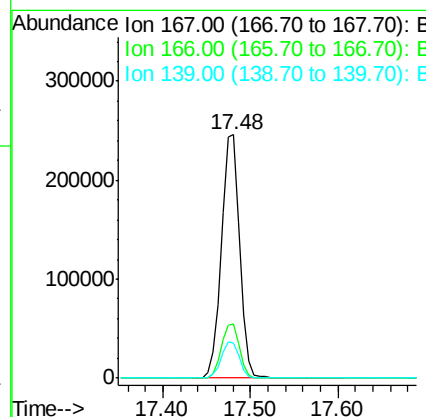
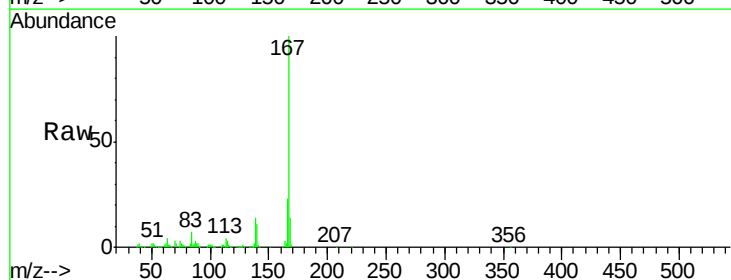
Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

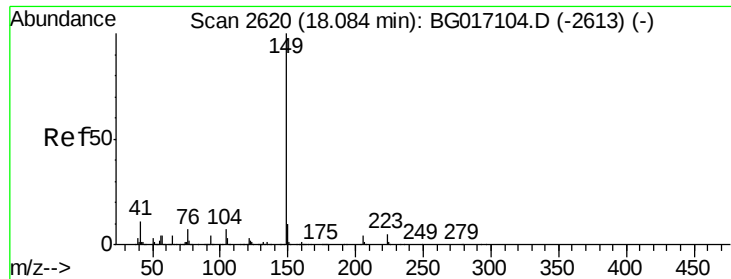
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	16.7	12.1	18.1



#72
 Carbazole
 Concen: 45.71 ng
 RT: 17.48 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.4	27.6
139	14.2	13.0	19.4





#73

Di-n-butylphthalate

Concen: 43.68 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

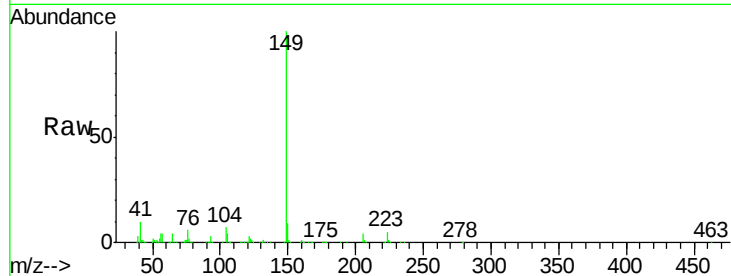
Tot Ion:149 Resp: 456058

Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.4

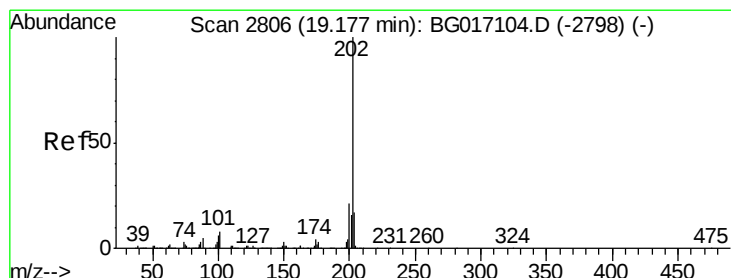
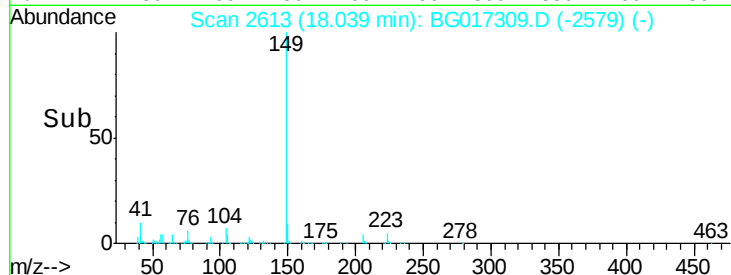
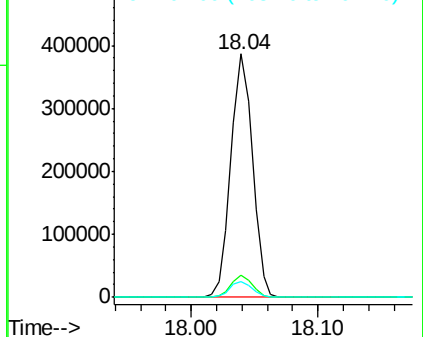
104 6.7 5.7 8.5



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: 44.97 ng

RT: 19.13 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

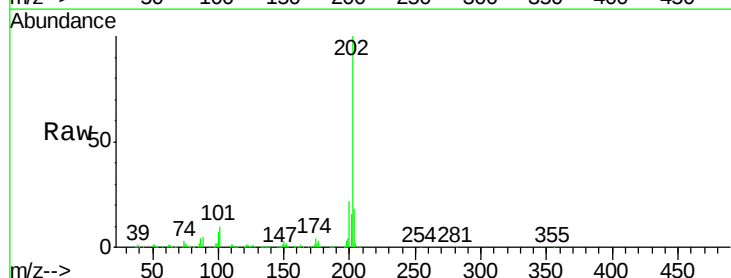
Tgt Ion:202 Resp: 452537

Ion Ratio Lower Upper

202 100

101 9.7 0.0 28.3

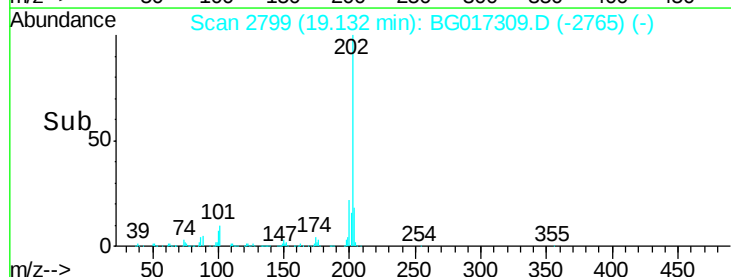
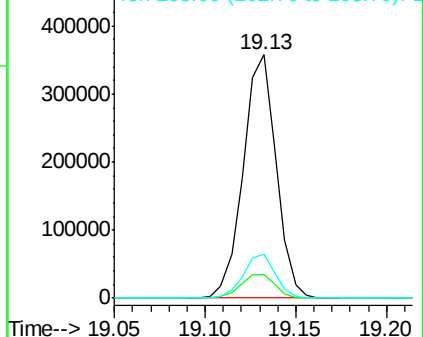
203 18.0 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

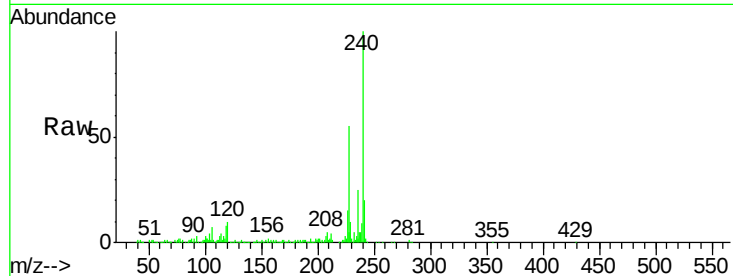
Tot Ion:240 Resp: 202157

Ion Ratio Lower Upper

240 100

120 10.2 6.0 9.0#

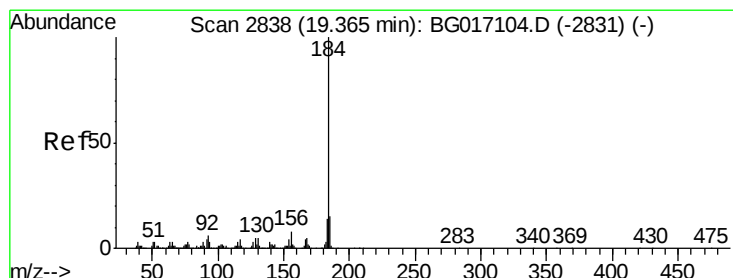
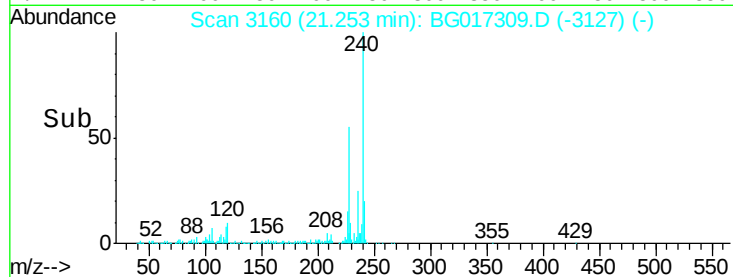
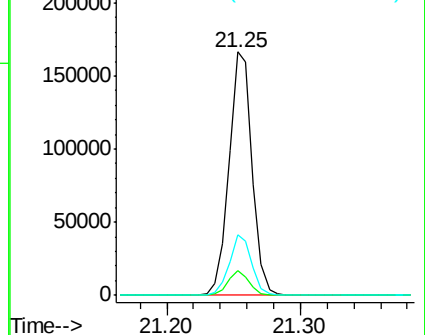
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.77 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

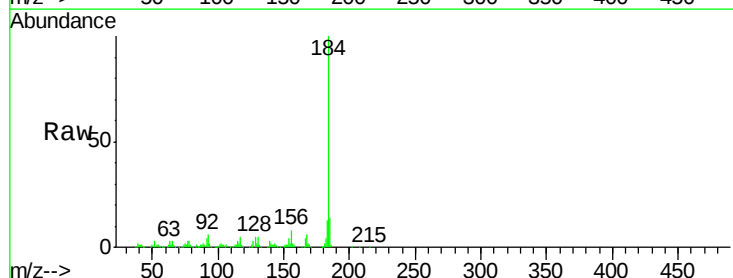
Tgt Ion:184 Resp: 203119

Ion Ratio Lower Upper

184 100

185 14.3 12.4 18.6

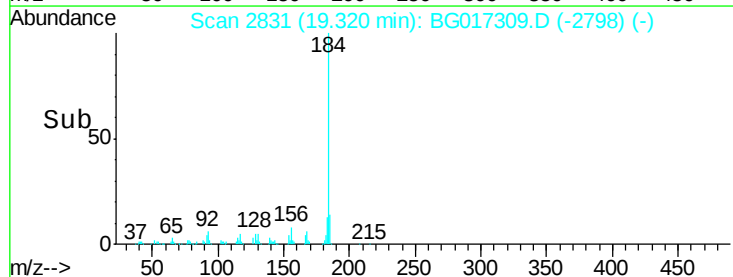
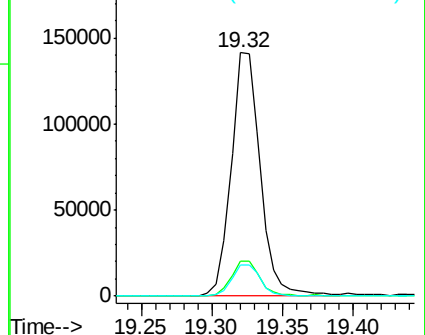
183 12.9 11.4 17.2



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: 38.12 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

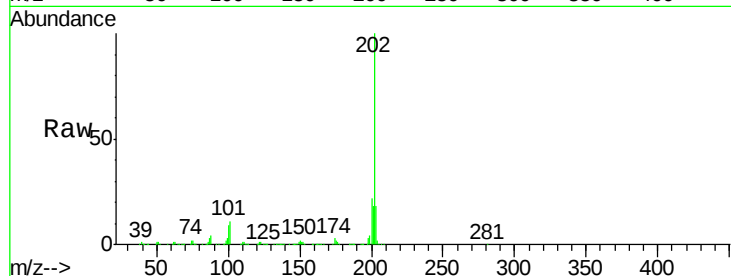
BNA_G

ClientSampleId :

PB83628BSD

Tot Ion:202 Resp: 472797

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.8
203	18.2	14.4	21.6

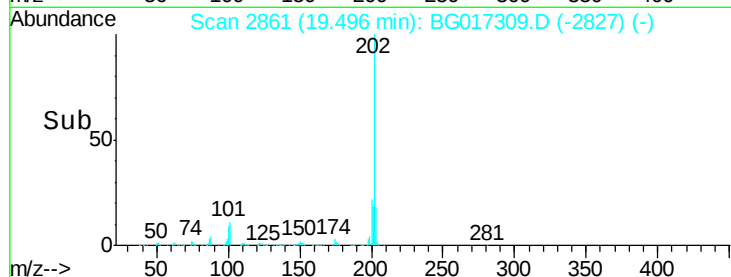
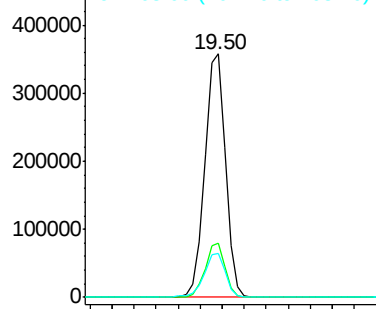


Abundance

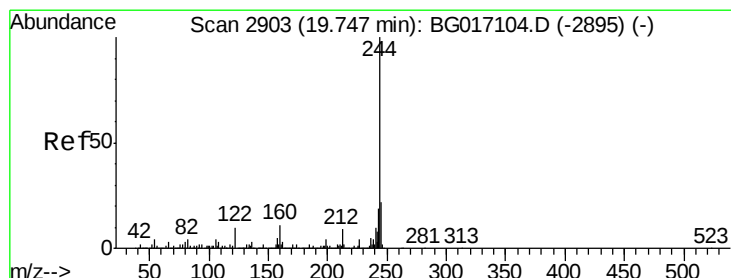
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 73.69 ng

RT: 19.70 min Scan# 2896

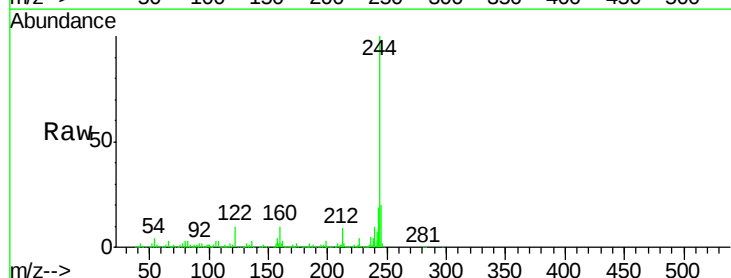
Delta R.T. -0.00 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Tgt Ion:244 Resp: 714900

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	10.4	8.4	12.6

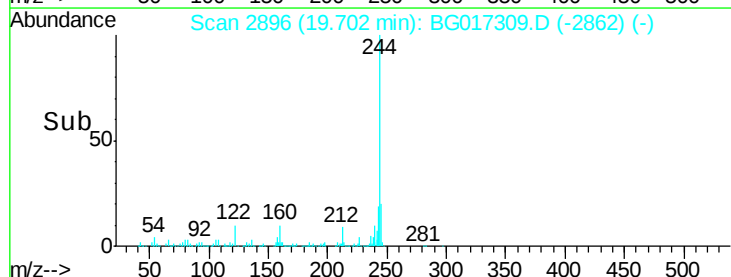
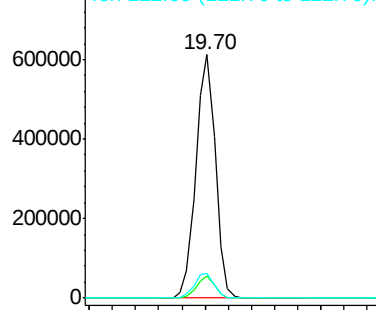


Abundance

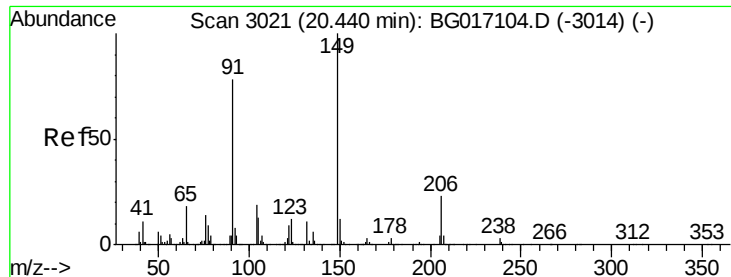
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



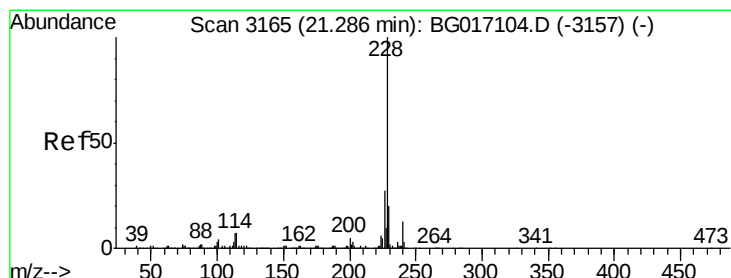
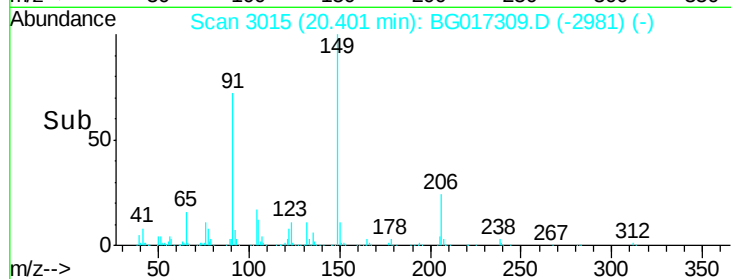
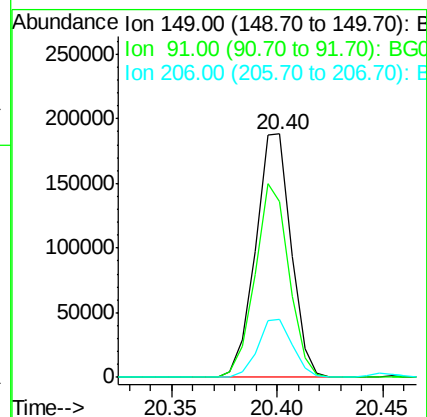
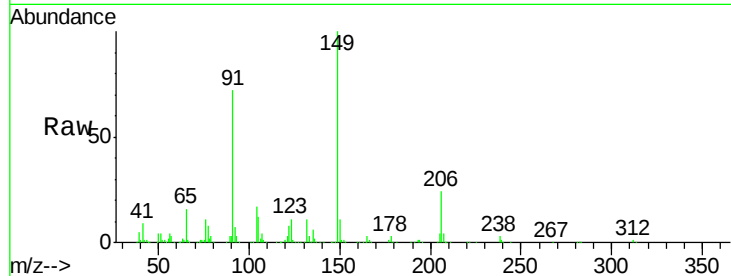
Time-->



#79
Butylbenzylphthalate
Concen: 39.18 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

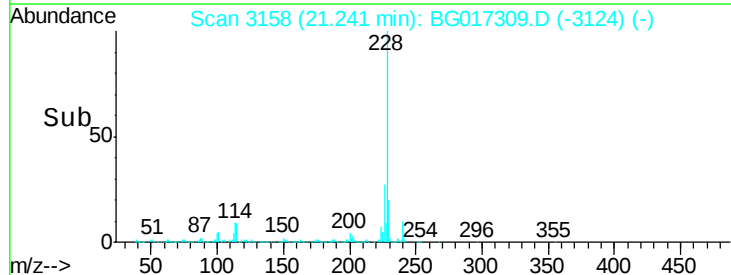
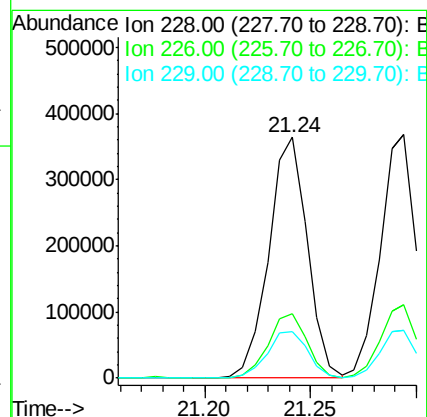
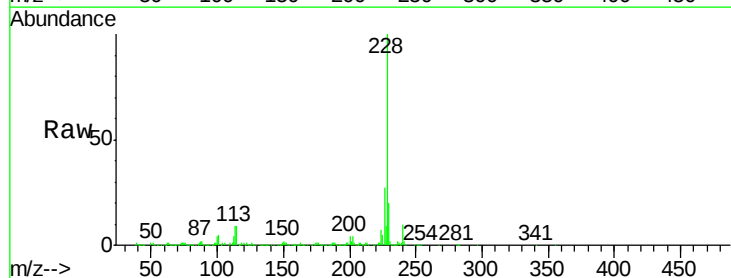
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	62.0	93.0
206	23.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 39.82 ng
RT: 21.24 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.7	32.5
229	19.5	16.1	24.1

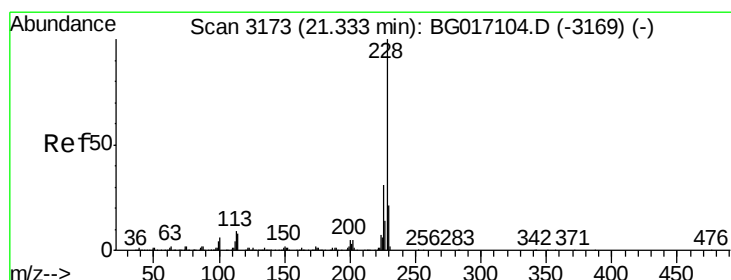
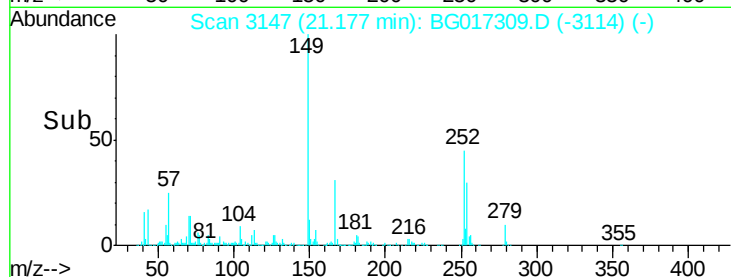
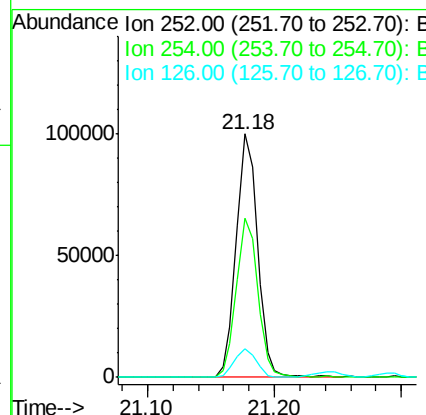
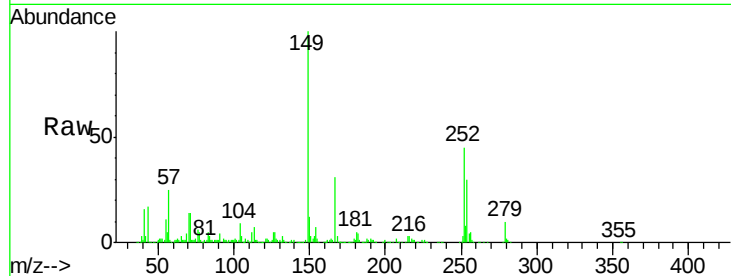




#81
 3,3'-Dichlorobenzidine
 Concen: 26.04 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

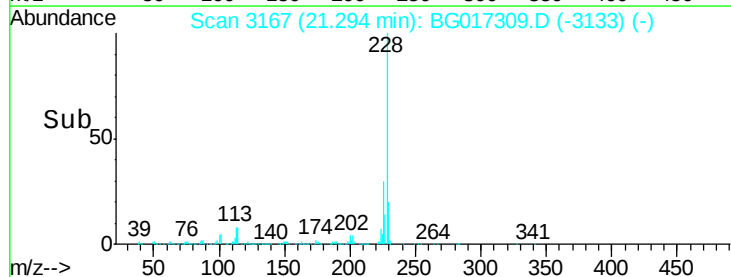
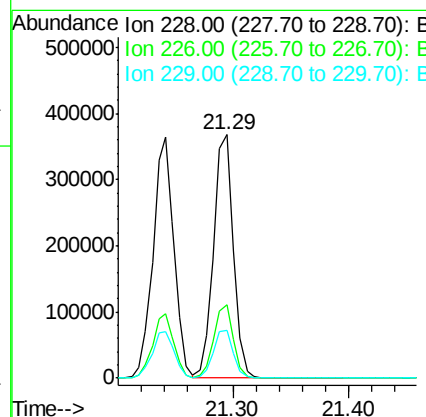
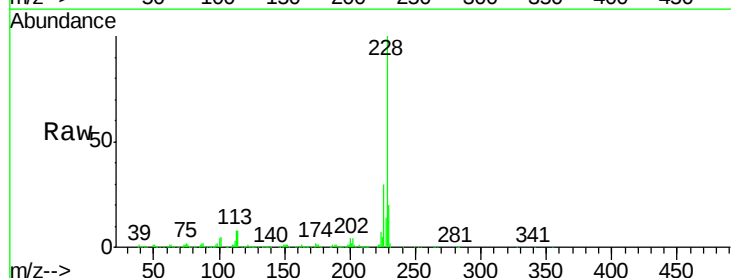
Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

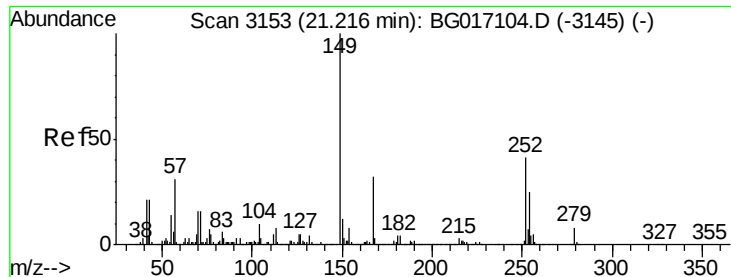
Tot Ion:252 Resp: 116724
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 11.5 8.8 13.2



#82
 Chrysene
 Concen: 40.47 ng
 RT: 21.29 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion:228 Resp: 436676
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.6 17.0 25.6

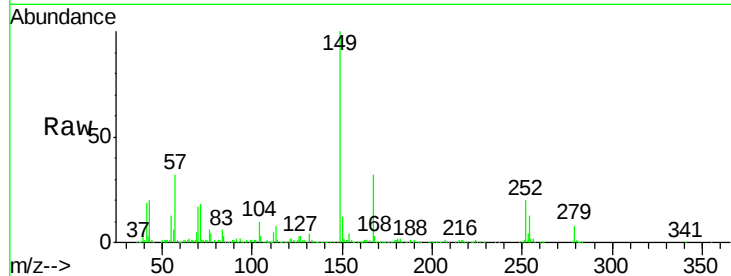




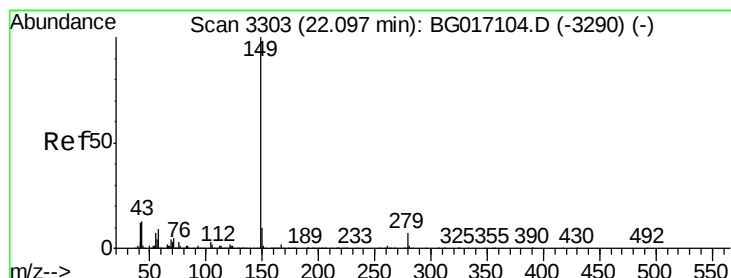
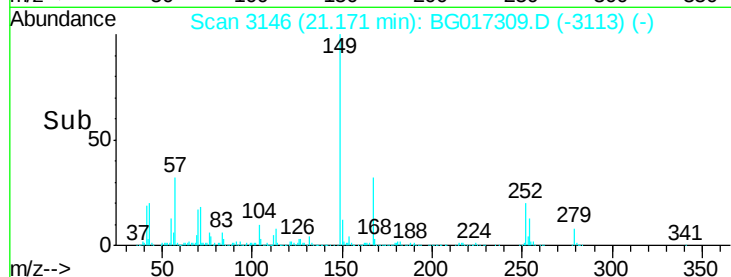
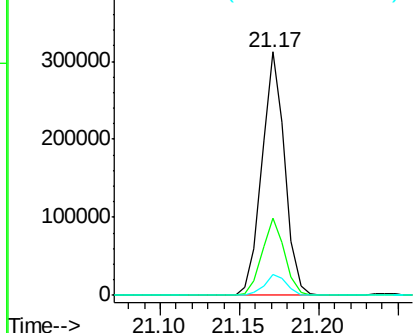
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.06 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	8.5	6.8	10.2

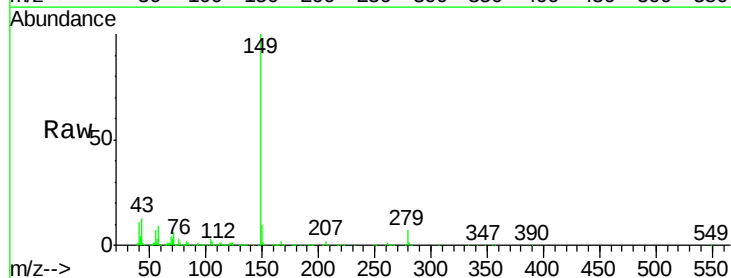


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

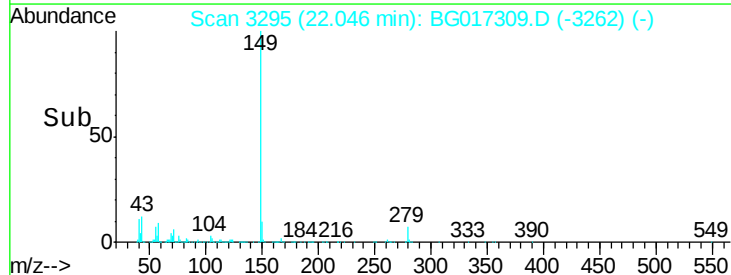
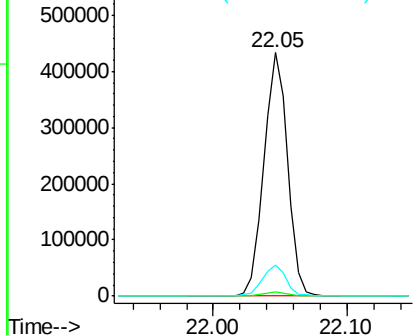


#84
 Di-n-octyl phthalate
 Concen: 39.61 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.01 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	12.6	10.9	16.3



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.55 ng

RT: 25.79 min Scan# 3932

Delta R.T. -0.03 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

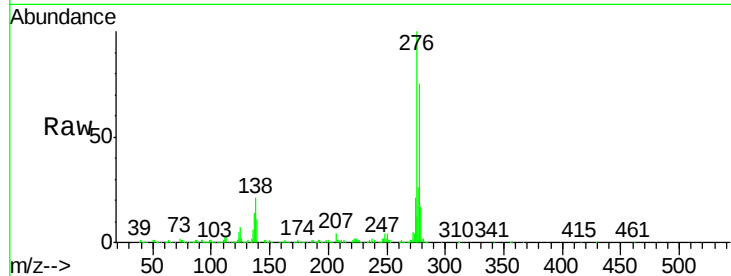
Tot Ion:276 Resp: 510674

Ion Ratio Lower Upper

276 100

138 22.0 16.0 24.0

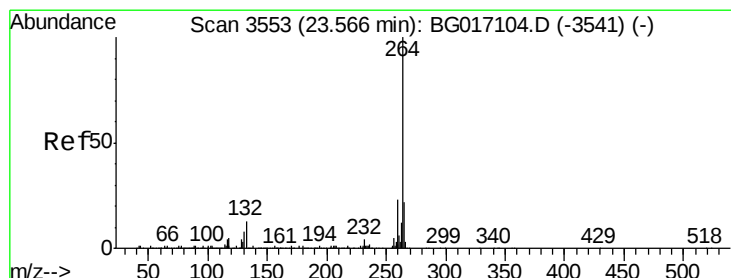
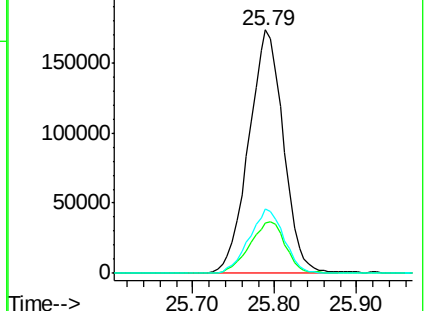
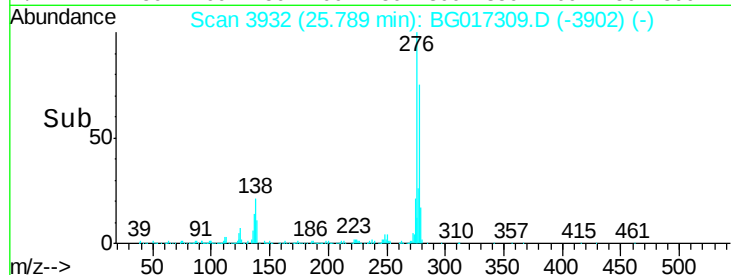
277 26.4 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

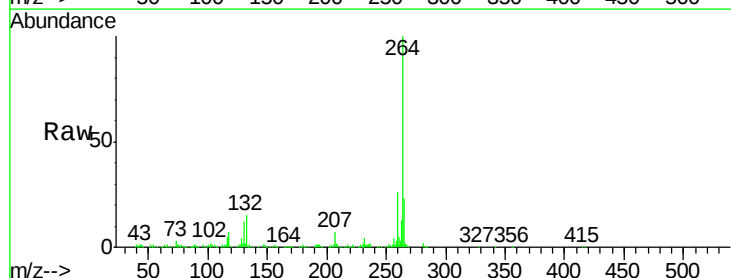
Tgt Ion:264 Resp: 191632

Ion Ratio Lower Upper

264 100

260 25.8 18.0 27.0

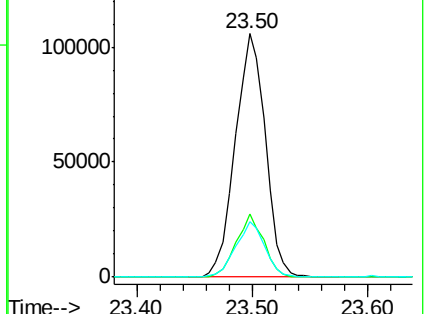
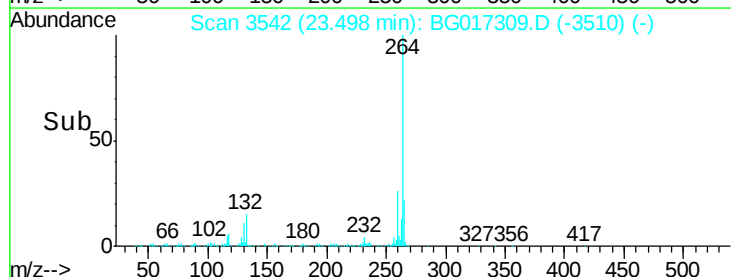
265 22.6 17.4 26.0

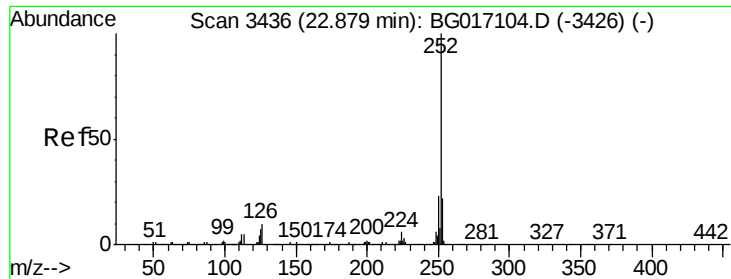


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

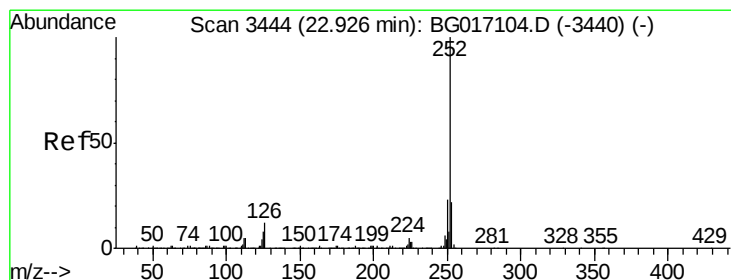
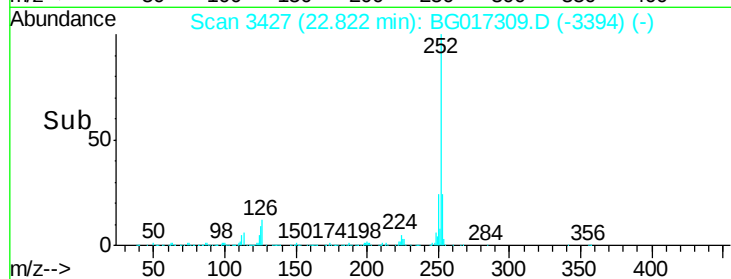
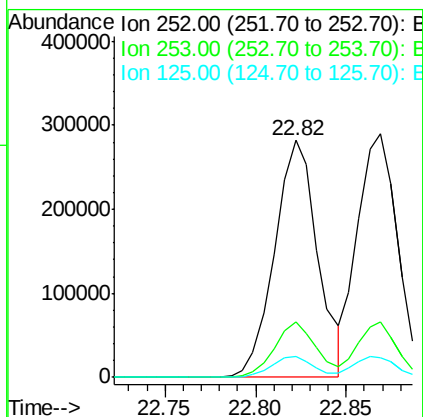
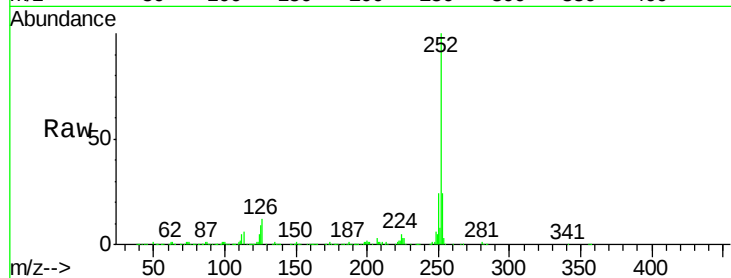




#87
Benzo(b)fluoranthene
Concen: 41.94 ng
RT: 22.82 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

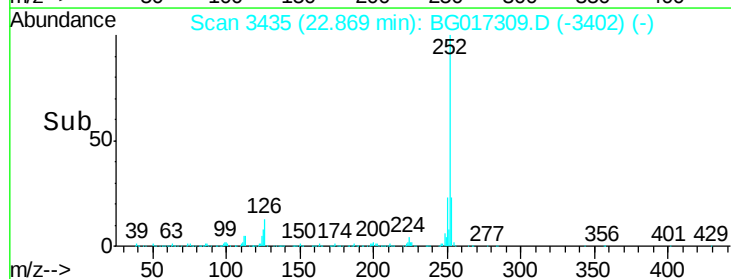
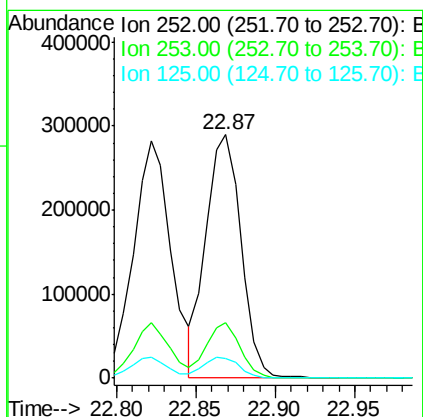
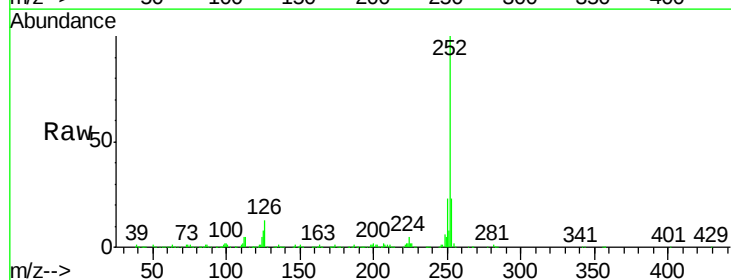
Instrument :
BNA_G
ClientSampleId :
PB83628BSD

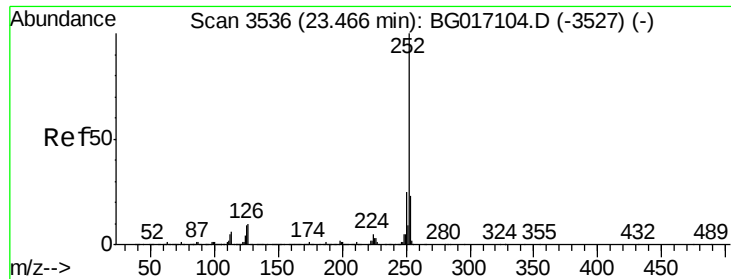
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	8.8	5.9	8.9



#88
Benzo(k)fluoranthene
Concen: 41.88 ng
RT: 22.87 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BG017309.D
Acq: 27 May 2015 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	8.2	6.4	9.6





#89

Benzo(a)pyrene

Concen: 42.98 ng

RT: 23.40 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

Instrument :

BNA_G

ClientSampleId :

PB83628BSD

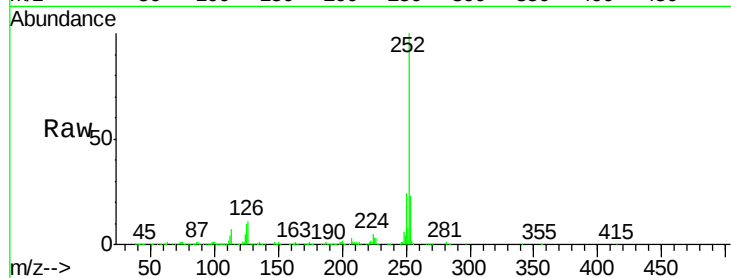
Tot Ion:252 Resp: 440875

Ion Ratio Lower Upper

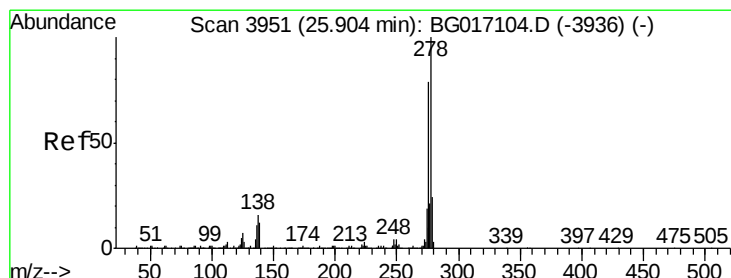
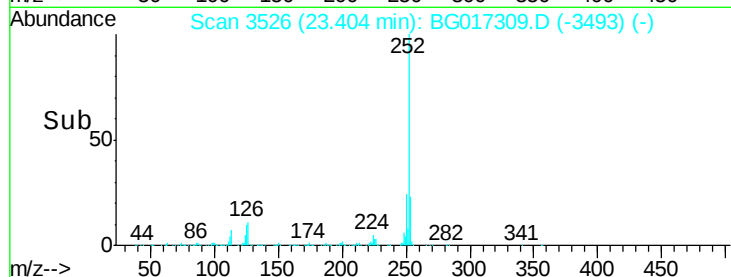
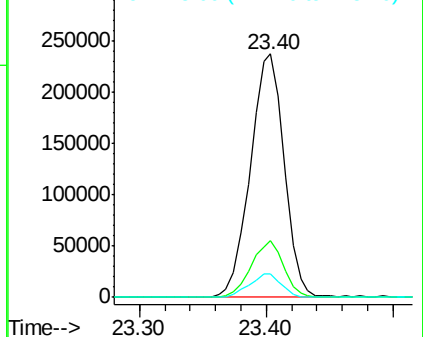
252 100

253 23.3 18.4 27.6

125 9.7 7.2 10.8



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



#90

Dibenzo(a,h)anthracene

Concen: 40.85 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.03 min

Lab File: BG017309.D

Acq: 27 May 2015 19:12

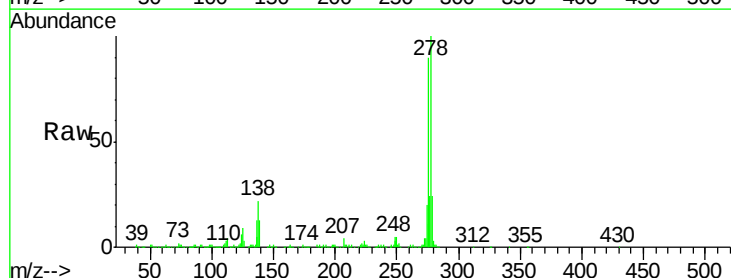
Tgt Ion:278 Resp: 430173

Ion Ratio Lower Upper

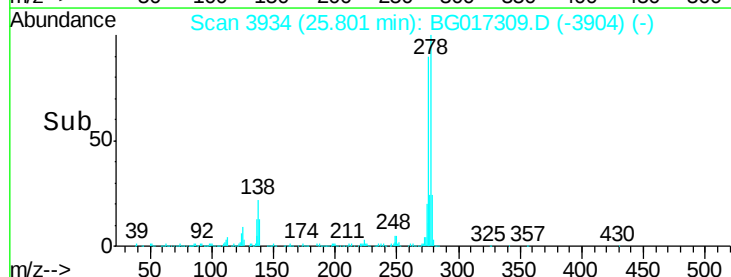
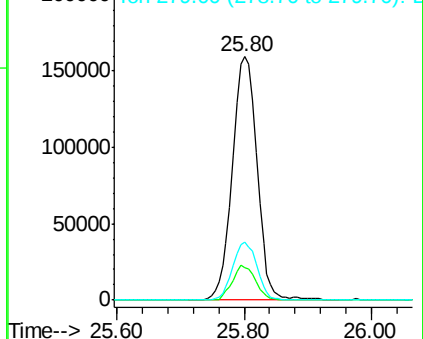
278 100

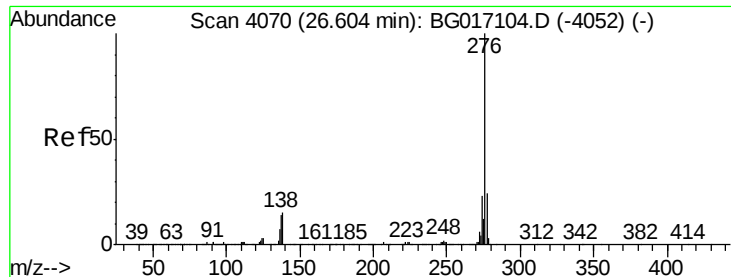
139 13.1 9.4 14.2

279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

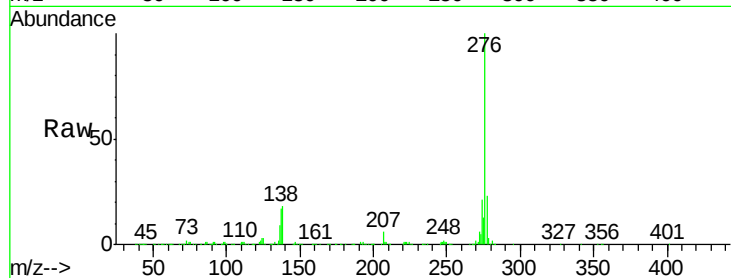




#91
 Benzo(a,h,i)perylene
 Concen: 42.11 ng
 RT: 26.49 min Scan# 4052
 Delta R.T. -0.03 min
 Lab File: BG017309.D
 Acq: 27 May 2015 19:12

Instrument :
 BNA_G
 ClientSampleId :
 PB83628BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	17.9	11.8	17.8#



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

