

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016995.D
 Acq On : 9 May 2015 18:38
 Operator : TP/IZ
 Sample : PB83287BSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Quant Time: May 19 07:28:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51741	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	230805	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	150074	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	354697	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	370725	20.00	ng	-0.02
86) Perylene-d12	23.64	264	365772	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	331958	111.71	ng	-0.02
7) Phenol-d6	6.96	99	471831	111.14	ng	0.00
23) Nitrobenzene-d5	8.95	82	523928	110.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	174047	115.52	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1063077	106.89	ng	-0.02
78) Terphenyl-d14	19.80	244	1832766	115.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	44538	35.76	ng	# 1
3) Pyridine	3.67	79	140549	36.51	ng	97
4) n-Nitrosodimethylamine	3.59	42	97978	42.63	ng	95
6) Aniline	7.12	93	154982	26.00	ng	96
8) 2-Chlorophenol	7.36	128	165628	48.11	ng	96
9) Benzaldehyde	6.93	77	94943	30.19	ng	96
10) Phenol	6.99	94	226172	49.68	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	154313	43.84	ng	97
12) 1,3-Dichlorobenzene	7.67	146	155859	41.06	ng	96
13) 1,4-Dichlorobenzene	7.83	146	158262	41.16	ng	99
14) 1,2-Dichlorobenzene	8.14	146	151960	41.18	ng	96
15) Benzyl Alcohol	8.03	79	171533	44.24	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.33	45	270923	41.58	ng	99
17) 2-Methylphenol	8.23	107	146975	45.85	ng	97
18) Hexachloroethane	8.87	117	65357	41.35	ng	94
19) n-Nitroso-di-n-propylamine	8.59	70	142490	38.28	ng	93
20) 3+4-Methylphenols	8.56	107	205111	46.43	ng	96
22) Acetophenone	8.61	105	239439	43.55	ng	98
24) Nitrobenzene	8.99	77	209246	43.86	ng	99
25) Isophorone	9.51	82	387185	40.59	ng	99
26) 2-Nitrophenol	9.70	139	91768	47.24	ng	96
27) 2,4-Dimethylphenol	9.76	122	170589	48.52	ng	95
28) bis(2-Chloroethoxy)methane	10.00	93	204612	42.49	ng	96
29) 2,4-Dichlorophenol	10.23	162	161787	48.71	ng	96
30) 1,2,4-Trichlorobenzene	10.45	180	151540	43.03	ng	96
31) Naphthalene	10.63	128	486990	42.42	ng	99
32) Benzoic acid	9.88	122	114392	52.27	ng	96
33) 4-Chloroaniline	10.74	127	72001	13.58	ng	94
34) Hexachlorobutadiene	10.92	225	90439	41.03	ng	94
35) Caprolactam	11.55	113	26038	15.09	ng	94
36) 4-Chloro-3-methylphenol	11.87	107	205537	48.33	ng	98
37) 2-Methylnaphthalene	12.25	142	367394	42.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	166851	41.13	ng	# 100
40) Hexachlorocyclopentadiene	12.60	237	229036	87.42	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	128995	44.87	ng	94
43) 2,4,5-Trichlorophenol	12.93	196	143129	46.90	ng	98
45) 1,1'-Biphenyl	13.26	154	467848	43.54	ng	98
46) 2-Chloronaphthalene	13.30	162	376184	44.20	ng	98
47) 2-Nitroaniline	13.51	65	160354	54.13	ng	98
48) Acenaphthylene	14.15	152	643471	43.42	ng	99
49) Dimethylphthalate	13.89	163	492750	43.97	ng	99
50) 2,6-Dinitrotoluene	14.01	165	117273	50.40	ng	94
51) Acenaphthene	14.50	154	379486	43.02	ng	99
52) 3-Nitroaniline	14.34	138	80652	30.47	ng	# 96
53) 2,4-Dinitrophenol	14.54	184	113329	106.49	ng	95
54) Dibenzofuran	14.83	168	576582	46.04	ng	97
55) 4-Nitrophenol	14.65	139	244547	108.96	ng	94
56) 2,4-Dinitrotoluene	14.79	165	168438	56.59	ng	100
57) Fluorene	15.48	166	496544	44.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	126973	48.22	ng	# 77
59) Diethylphthalate	15.25	149	538808	45.55	ng	99
60) 4-Chlorophenyl-phenylether	15.47	204	251843	45.20	ng	99
61) 4-Nitroaniline	15.50	138	154262	50.27	ng	96
62) Azobenzene	15.77	77	587878	47.98	ng	97
64) 4,6-Dinitro-2-methylphenol	15.55	198	90767	51.61	ng	92
65) n-Nitrosodiphenylamine	15.69	169	446369	41.23	ng	99
66) 4-Bromophenyl-phenylether	16.36	248	152611	42.87	ng	95
67) Hexachlorobenzene	16.48	284	163309	43.50	ng	99
68) Atrazine	16.64	200	181539	46.59	ng	99
69) Pentachlorophenol	16.82	266	226065	92.75	ng	95
70) Phenanthrene	17.22	178	791780	43.38	ng	99
71) Anthracene	17.30	178	819071	44.48	ng	98
72) Carbazole	17.58	167	808325	46.17	ng	99
73) Di-n-butylphthalate	18.14	149	1040597	45.85	ng	99
74) Fluoranthene	19.23	202	981385	46.34	ng	99
76) Benzidine	19.41	184	299996	23.82	ng	97
77) Pyrene	19.59	202	1014011	46.34	ng	100
79) Butylbenzylphthalate	20.49	149	481923	46.34	ng	98
80) Benzo(a)anthracene	21.33	228	915366	46.03	ng	98
81) 3,3'-Dichlorobenzidine	21.27	252	189977	24.46	ng	96
82) Chrysene	21.38	228	859190	46.12	ng	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	637180	44.79	ng	99
84) Di-n-octyl phthalate	22.15	149	1071310	44.83	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1013340	45.65	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	893905	43.87	ng	97
88) Benzo(k)fluoranthene	22.99	252	883136	45.05	ng	98
89) Benzo(a)pyrene	23.54	252	872757	45.93	ng	99
90) Dibenzo(a,h)anthracene	26.02	278	871628	44.91	ng	96
91) Benzo(g,h,i)perylene	26.72	276	826879	44.74	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.02 min

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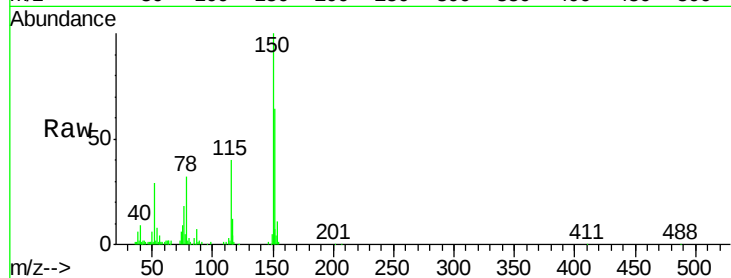
Tgt Ion:152 Resp: 51741

Ion Ratio Lower Upper

152 100

150 155.1 121.0 181.4

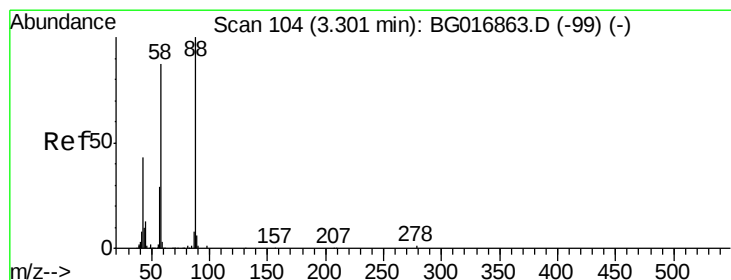
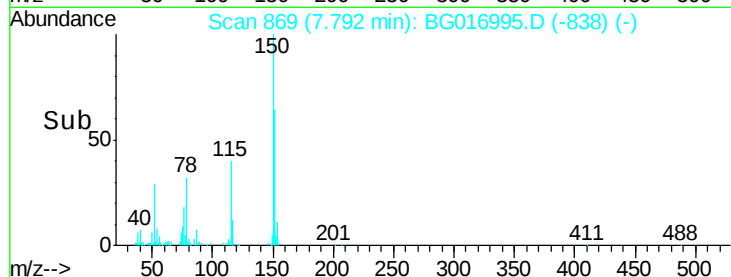
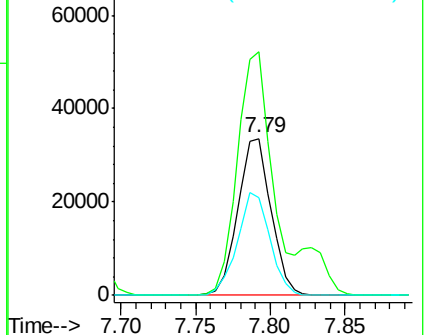
115 62.3 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.76 ng

RT: 3.29 min Scan# 102

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

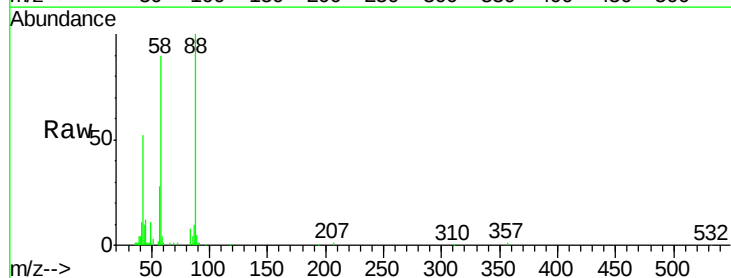
Tgt Ion: 88 Resp: 44538

Ion Ratio Lower Upper

88 100

58 86.7 0.1 0.1#

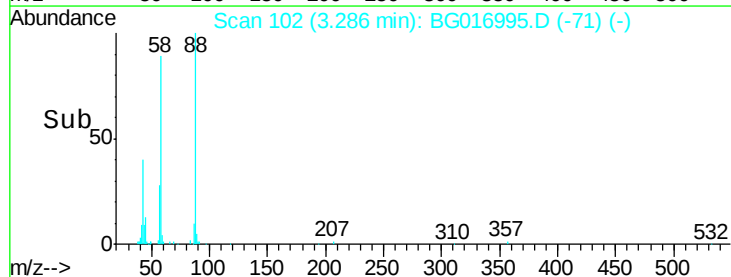
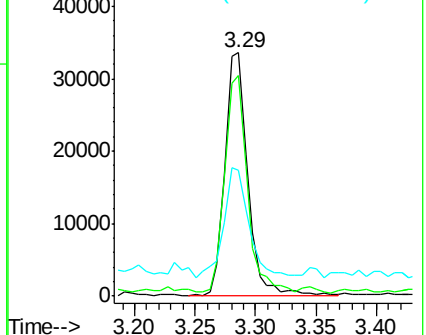
43 49.2 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.51 ng

RT: 3.67 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

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ClientSampleId :

PB83287BSD

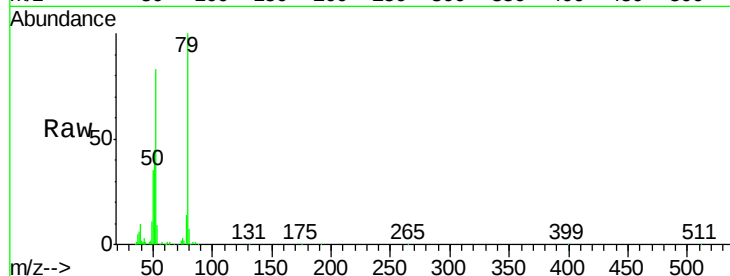
Tgt Ion: 79 Resp: 140549

Ion Ratio Lower Upper

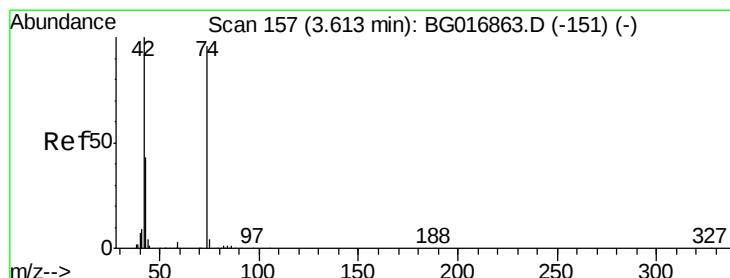
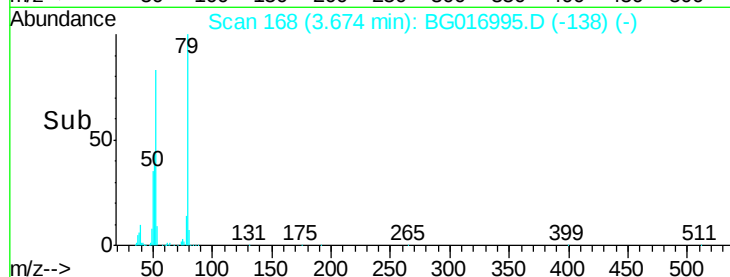
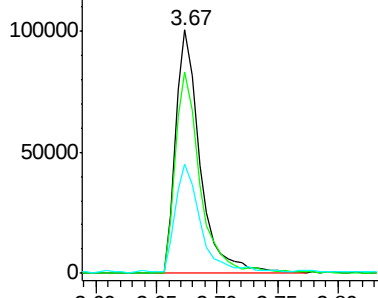
79 100

52 82.8 68.5 102.7

51 45.0 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 42.63 ng

RT: 3.59 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

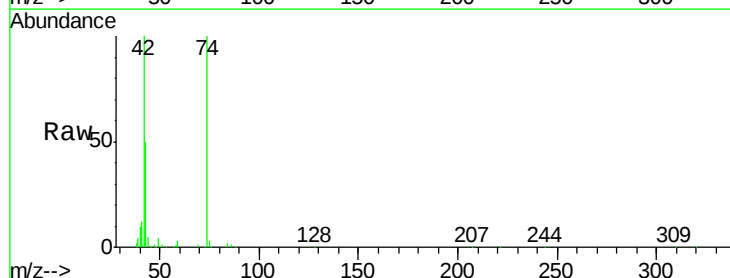
Tgt Ion: 42 Resp: 97978

Ion Ratio Lower Upper

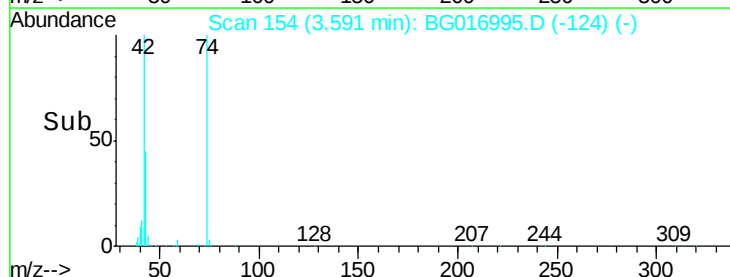
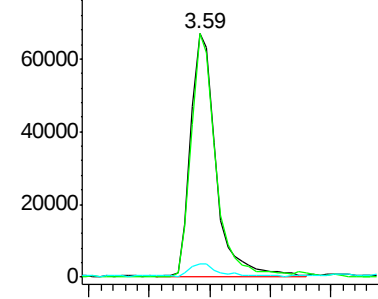
42 100

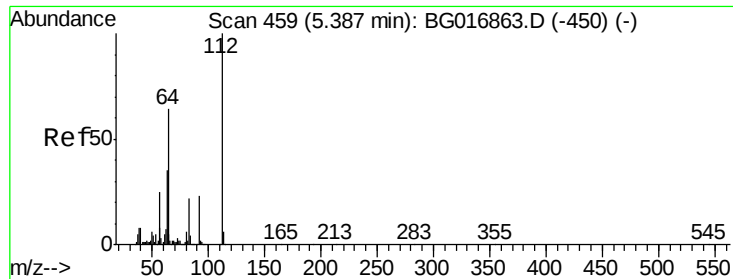
74 99.9 76.2 114.2

44 5.4 4.9 7.3



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





#5

2-Fluorophenol

Concen: 111.71 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.02 min

Lab File: BG016995.D

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PB83287BSD

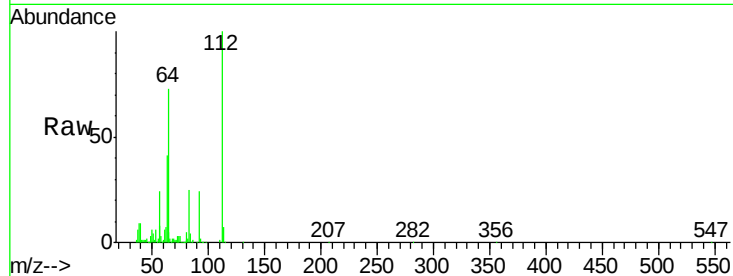
Tgt Ion: 112 Resp: 331958

Ion Ratio Lower Upper

112 100

64 73.1 51.4 77.2

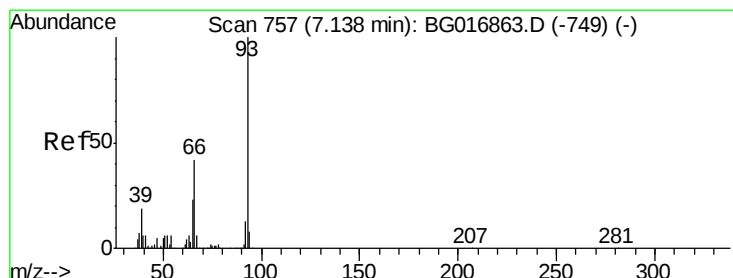
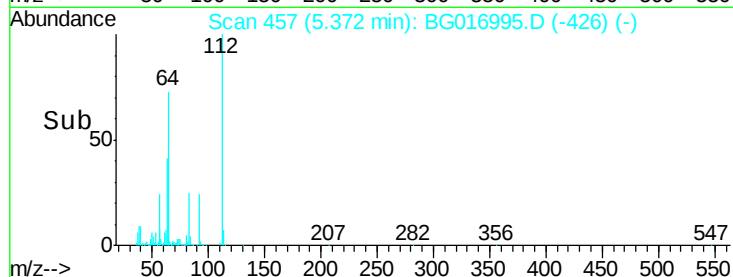
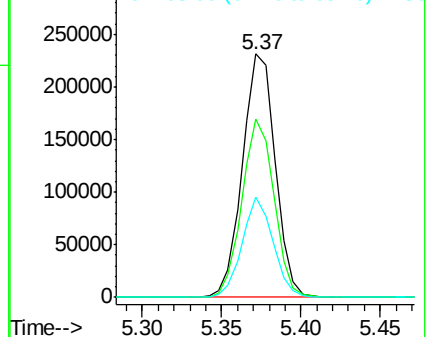
63 41.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.00 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

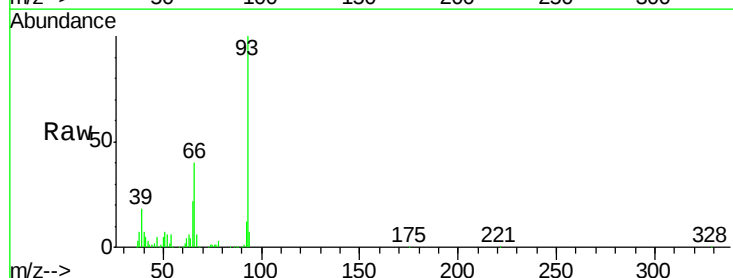
Tgt Ion: 93 Resp: 154982

Ion Ratio Lower Upper

93 100

66 39.8 33.8 50.6

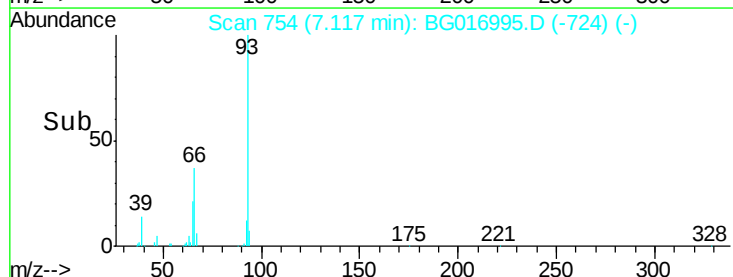
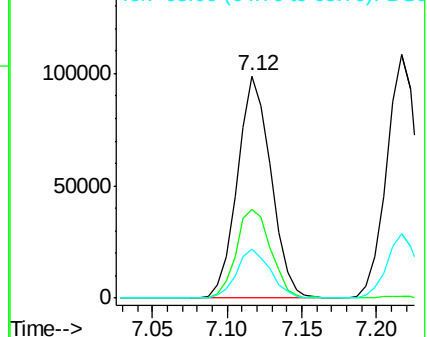
65 21.8 18.7 28.1

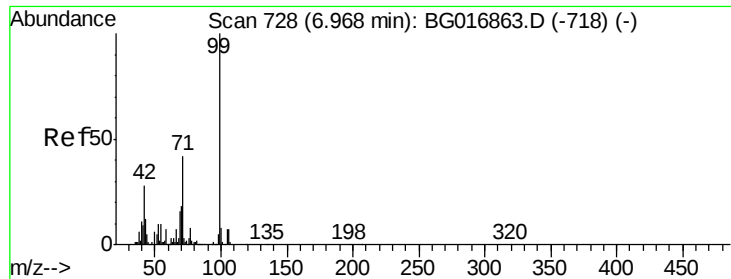


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

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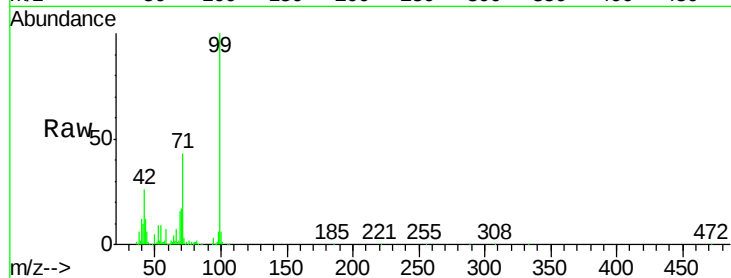
Tgt Ion: 99 Resp: 471831

Ion Ratio Lower Upper

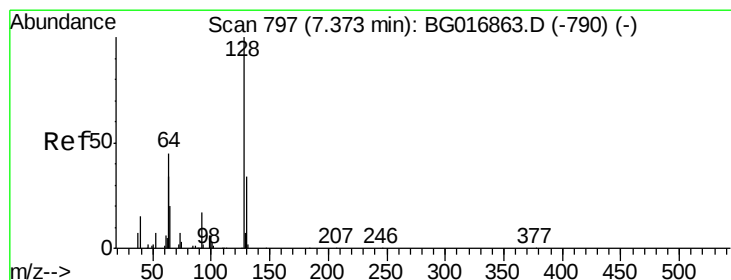
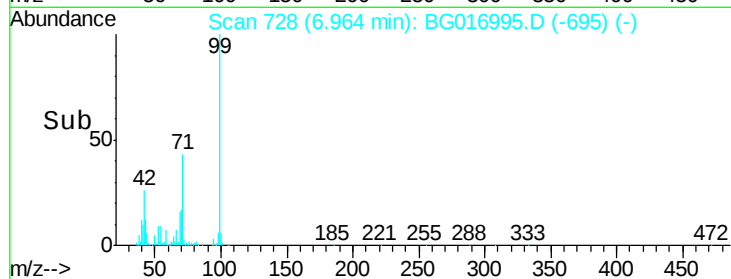
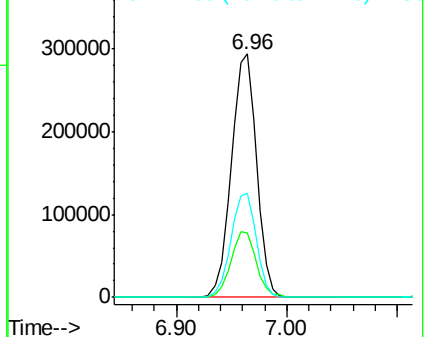
99 100

42 26.3 22.1 33.1

71 42.5 33.4 50.0



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: 48.11 ng

RT: 7.36 min Scan# 795

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

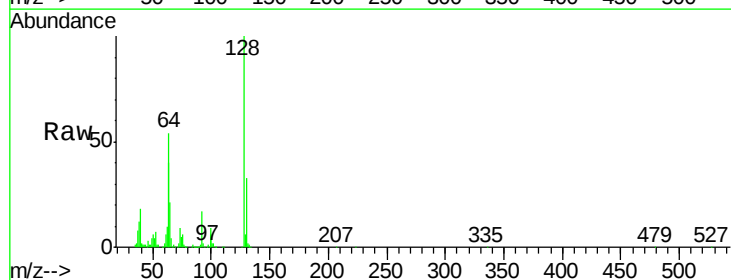
Tgt Ion: 128 Resp: 165628

Ion Ratio Lower Upper

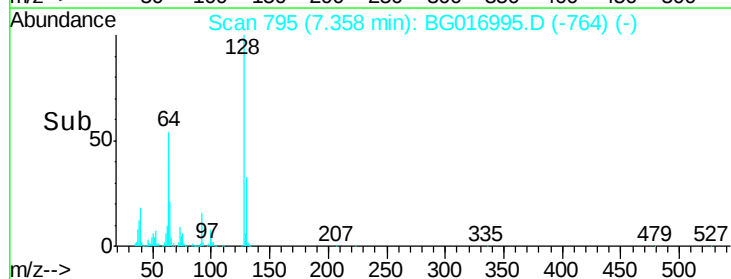
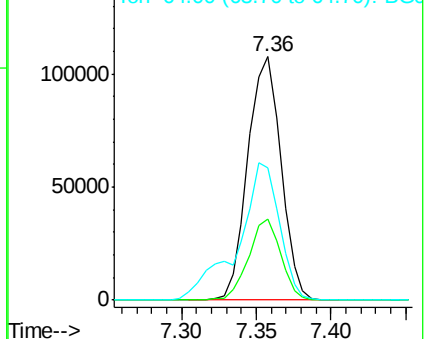
128 100

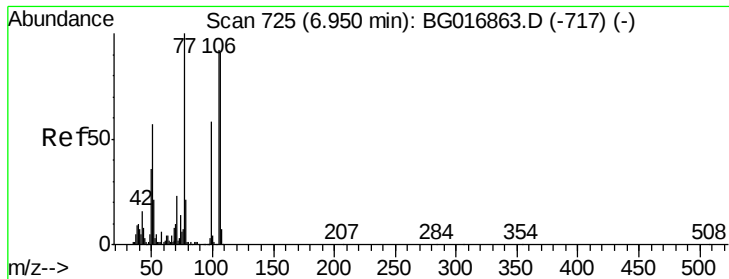
130 33.2 14.4 54.4

64 54.2 38.4 78.4



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





#9

Benzaldehyde

Concen: 30.19 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

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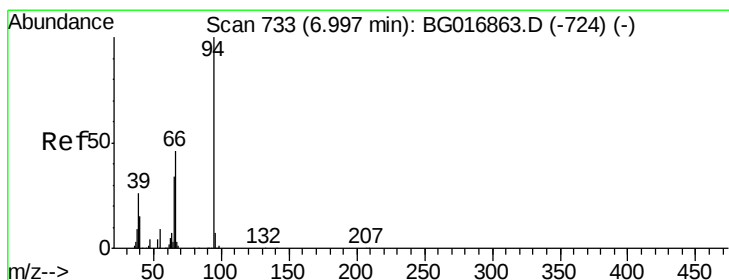
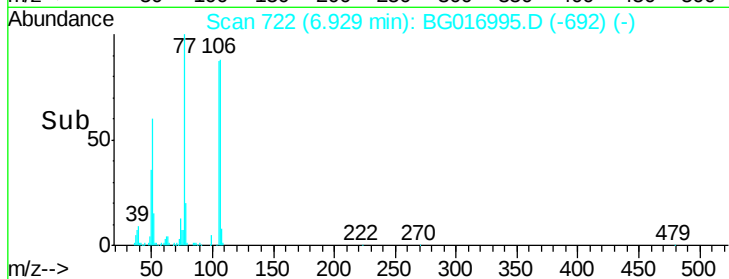
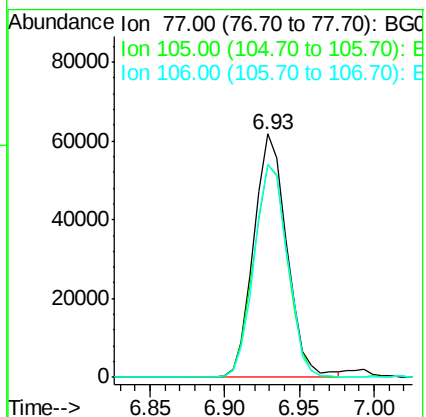
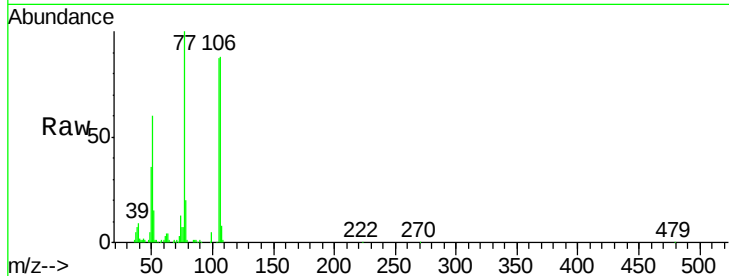
Tgt Ion: 77 Resp: 94943

Ion Ratio Lower Upper

77 100

105 87.3 71.6 111.6

106 87.5 71.5 111.5



#10

Phenol

Concen: 49.68 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

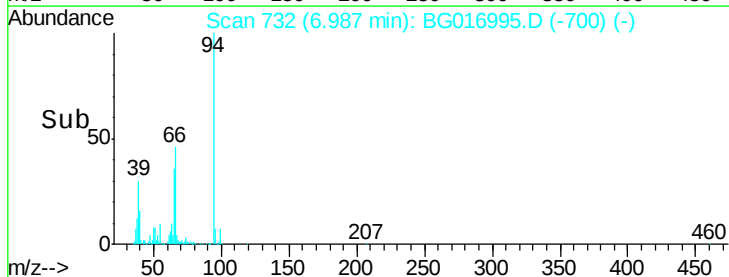
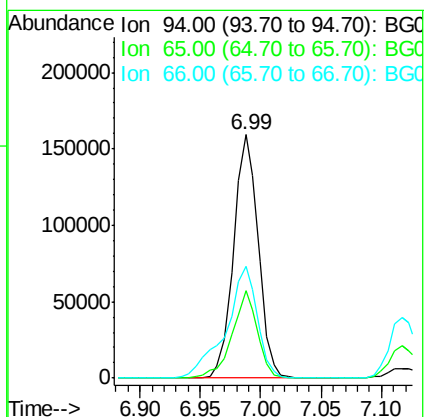
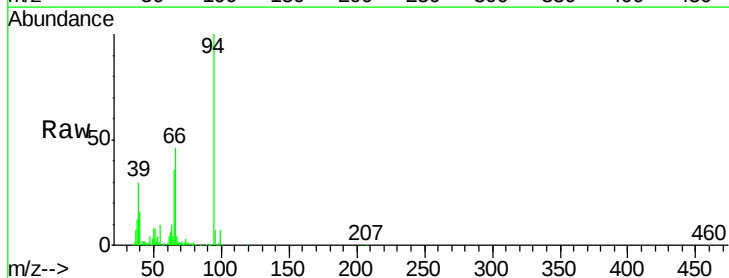
Tgt Ion: 94 Resp: 226172

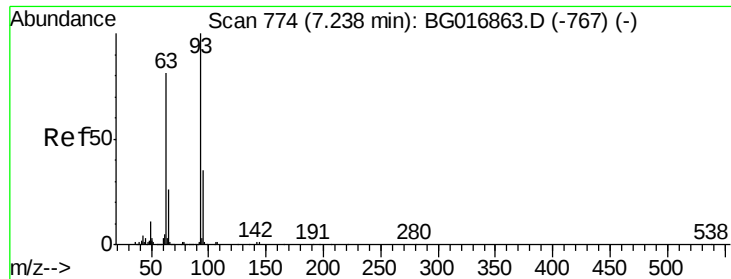
Ion Ratio Lower Upper

94 100

65 35.8 14.3 54.3

66 46.0 26.9 66.9

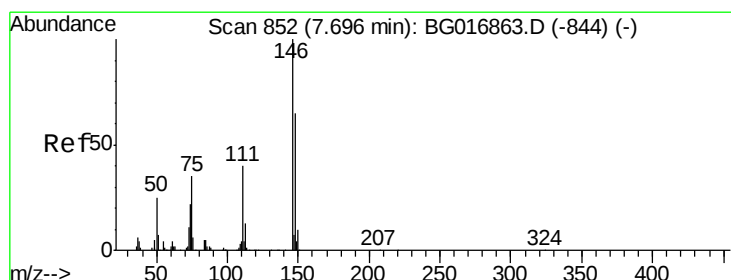
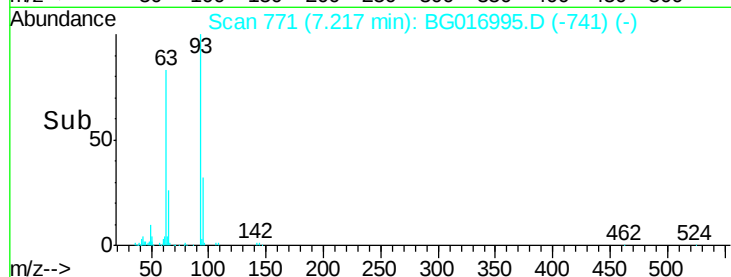
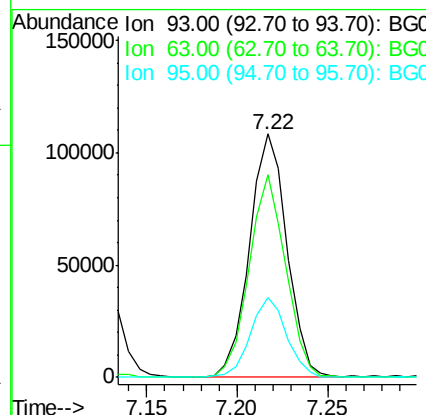
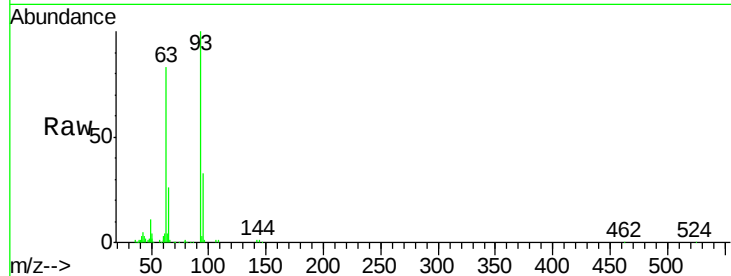




#11
 bis(2-Chloroethyl)ether
 Concen: 43.84 ng
 RT: 7.22 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

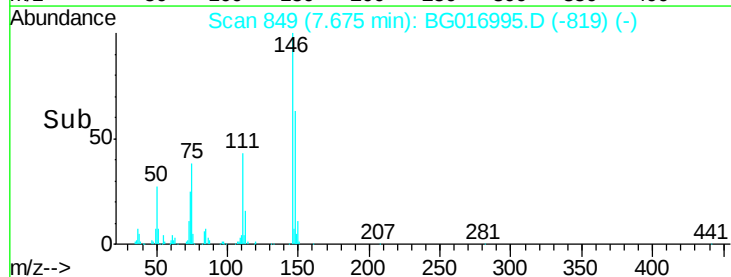
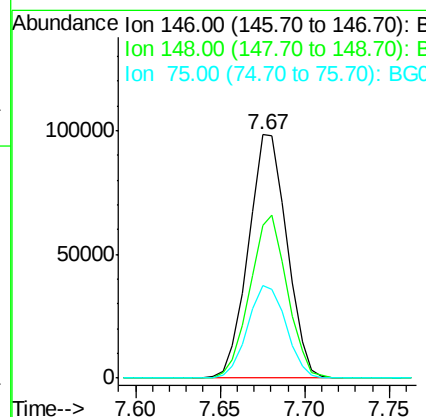
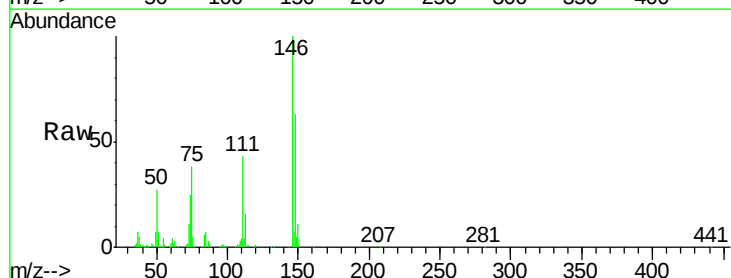
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

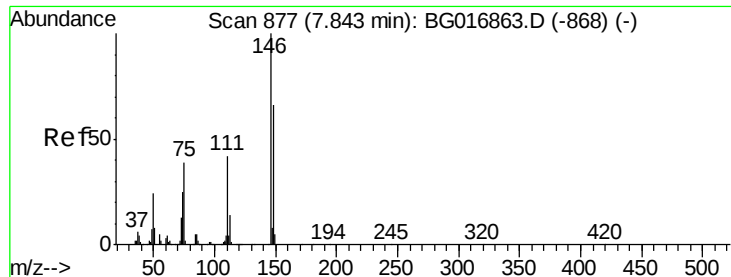
Tgt Ion: 93 Resp: 154313
 Ion Ratio Lower Upper
 93 100
 63 83.1 61.2 101.2
 95 32.5 15.0 55.0



#12
 1,3-Dichlorobenzene
 Concen: 41.06 ng
 RT: 7.67 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion: 146 Resp: 155859
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.9 77.9
 75 38.1 28.2 42.2

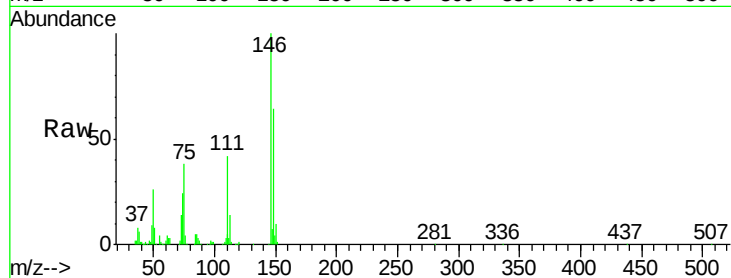




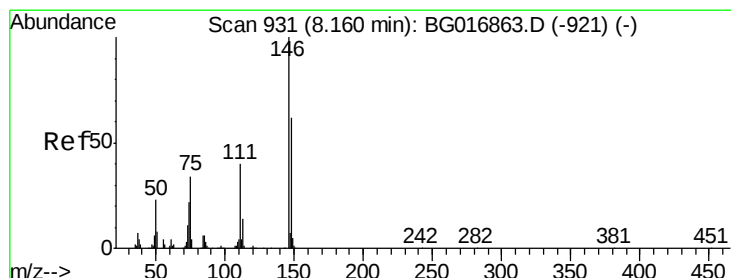
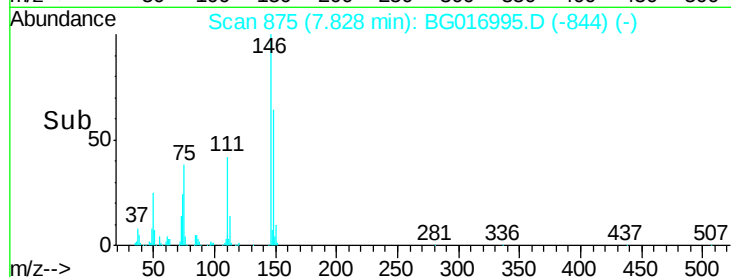
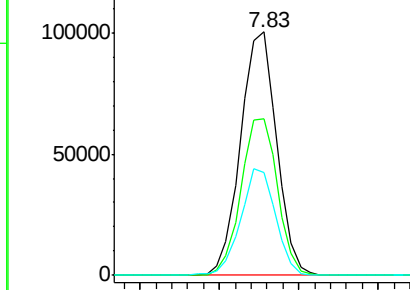
#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 7.83 min Scan# 875
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion:146 Resp: 158262
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.8 79.2
 111 42.1 33.9 50.9

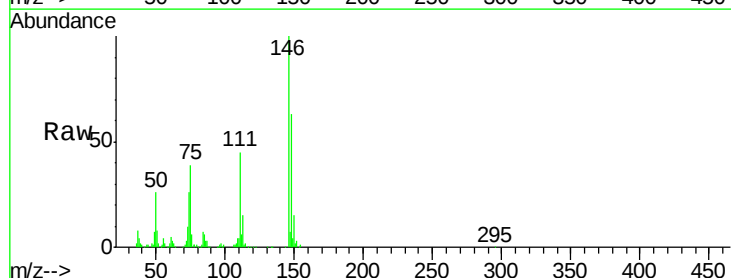


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

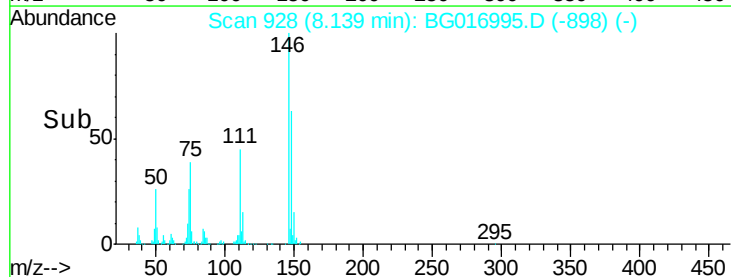
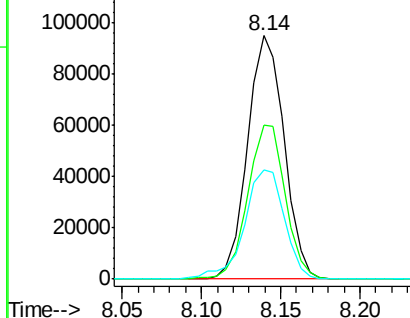


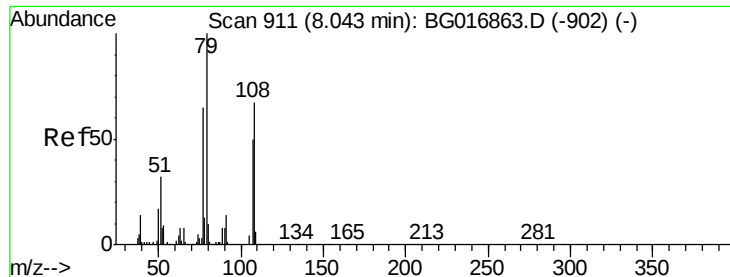
#14
 1,2-Dichlorobenzene
 Concen: 41.18 ng
 RT: 8.14 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:146 Resp: 151960
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.9 74.9
 111 44.7 32.1 48.1



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





#15

Benzyl Alcohol

Concen: 44.24 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

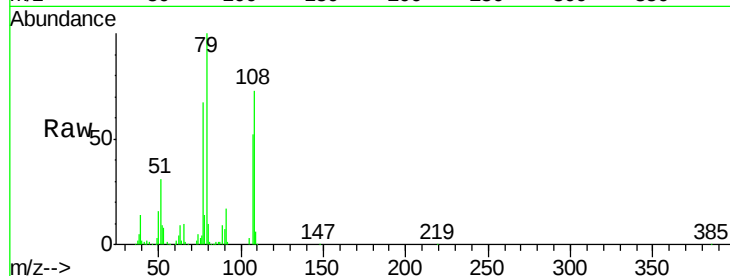
Tgt Ion: 79 Resp: 171533

Ion Ratio Lower Upper

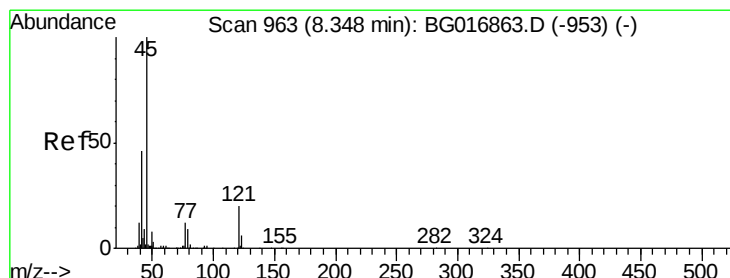
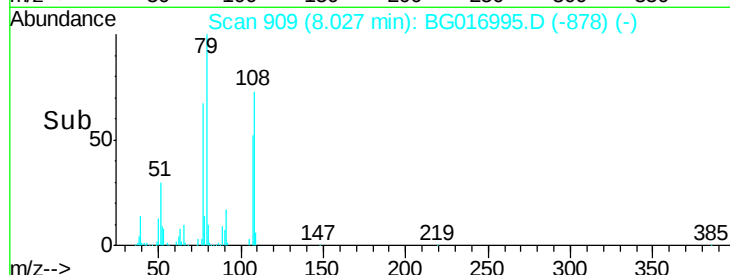
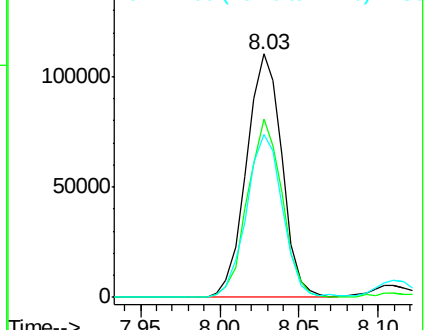
79 100

108 73.5 53.4 80.2

77 66.9 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.58 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

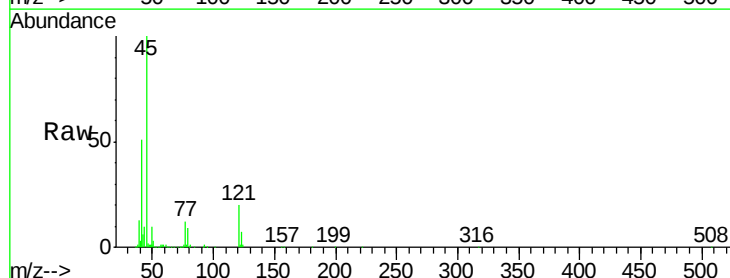
Tgt Ion: 45 Resp: 270923

Ion Ratio Lower Upper

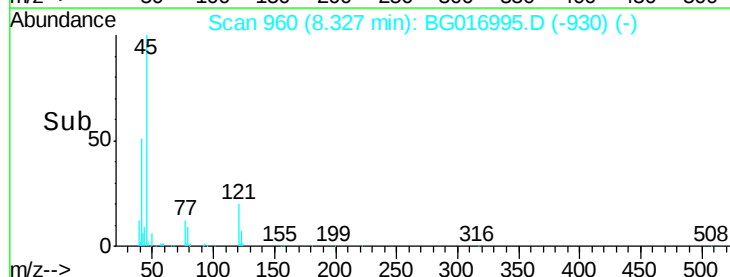
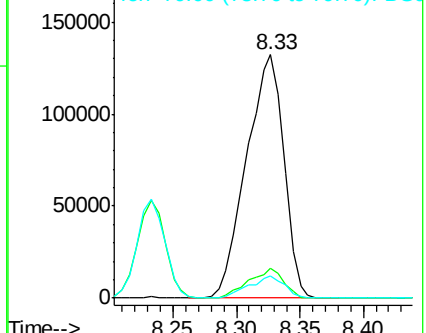
45 100

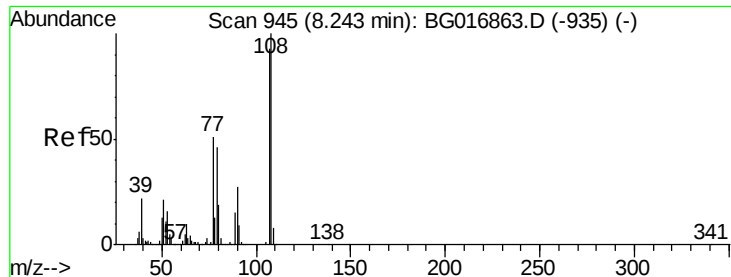
77 12.2 0.0 31.8

79 9.3 0.0 29.1



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

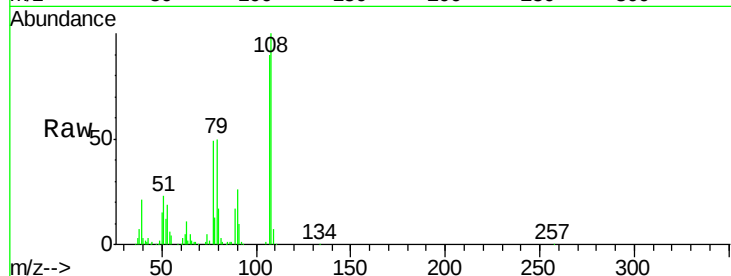




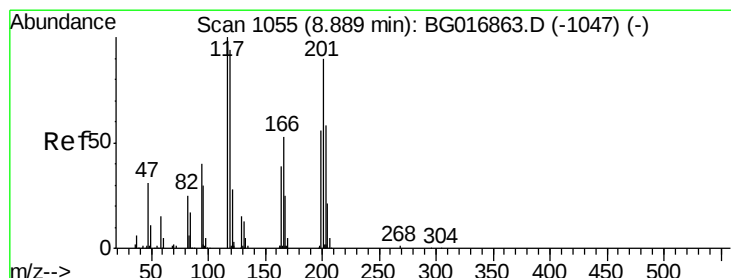
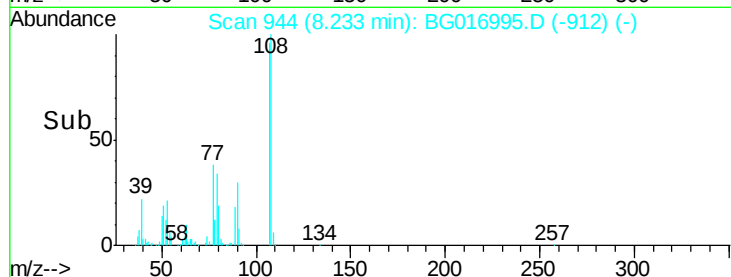
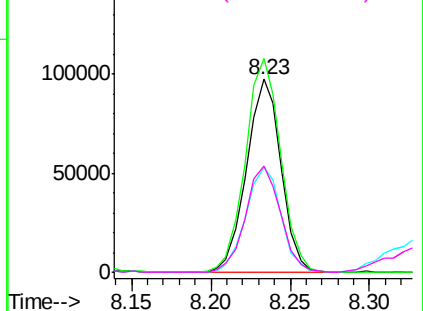
#17
2-Methylphenol
Concen: 45.85 ng
RT: 8.23 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion:	107	Resp:	146975
Ion	Ratio	Lower	Upper
107	100		
108	110.7	85.9	128.9
77	54.6	43.8	65.6
79	54.9	39.8	59.6

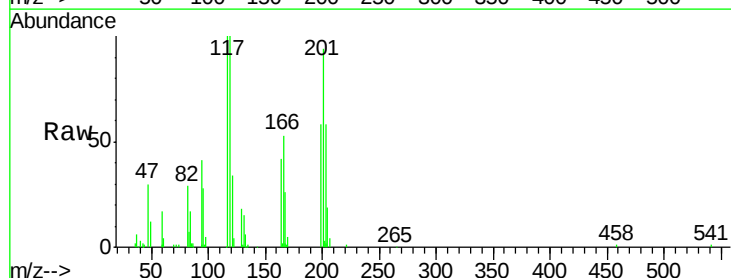


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

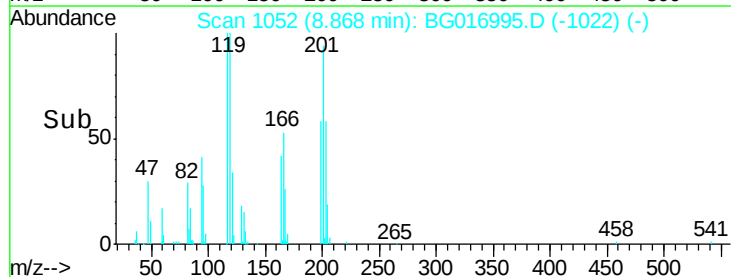
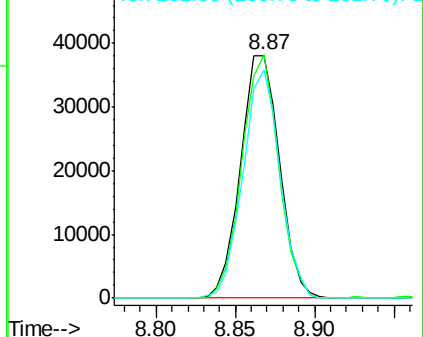


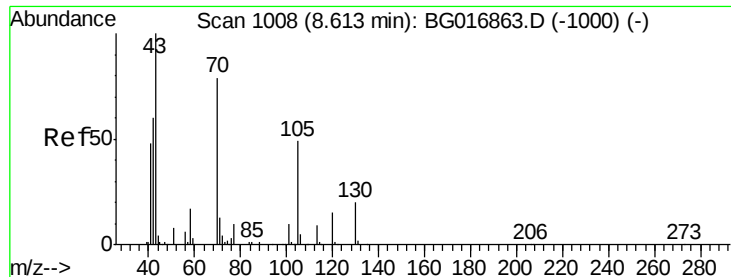
#18
Hexachloroethane
Concen: 41.35 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:	117	Resp:	65357
Ion	Ratio	Lower	Upper
117	100		
119	100.2	74.8	112.2
201	94.0	72.1	108.1



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

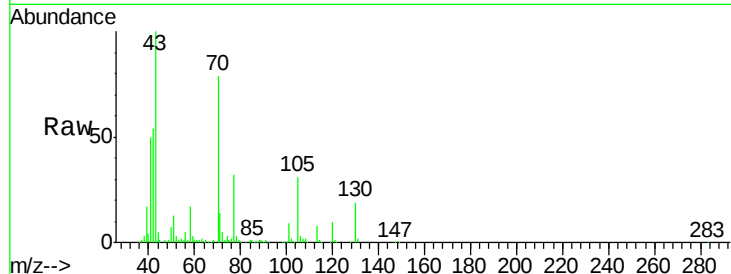




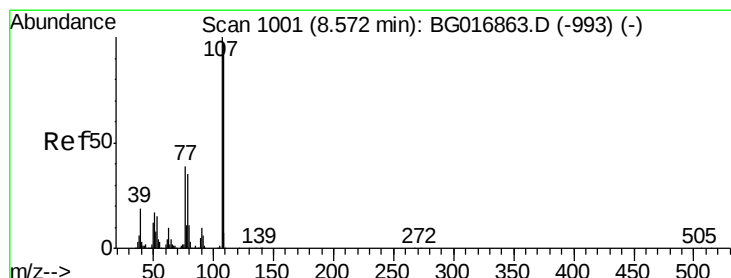
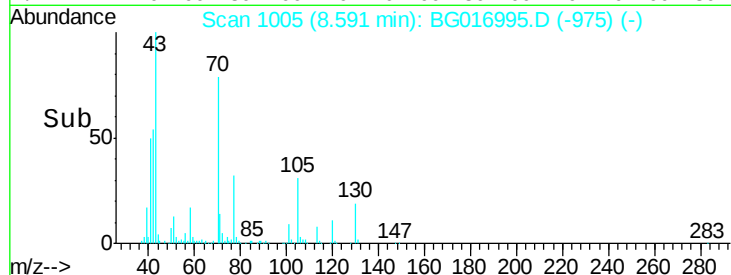
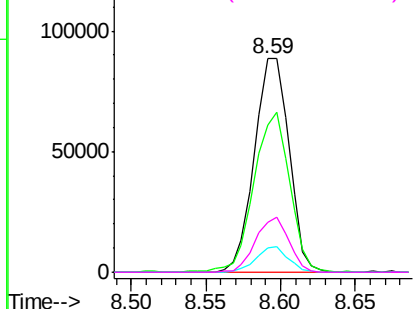
#19
n-Nitroso-di-n-propylamine
Concen: 38.28 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion:	70	Resp:	142490
Ion	Ratio	Lower	Upper
70	100		
42	69.2	61.5	92.3
101	11.6	9.8	14.6
130	23.6	20.2	30.4

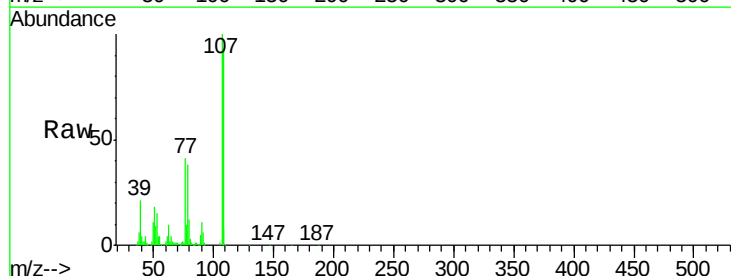


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

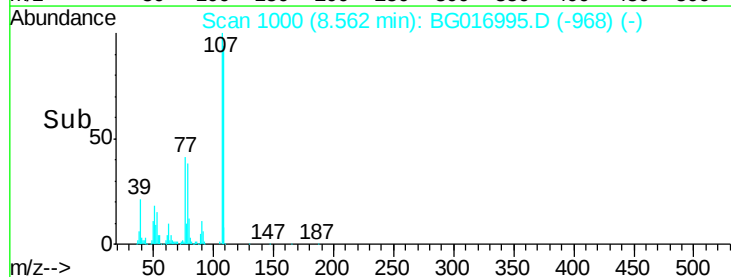
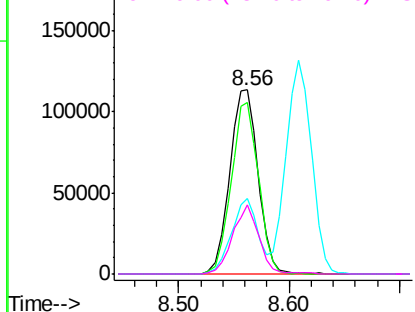


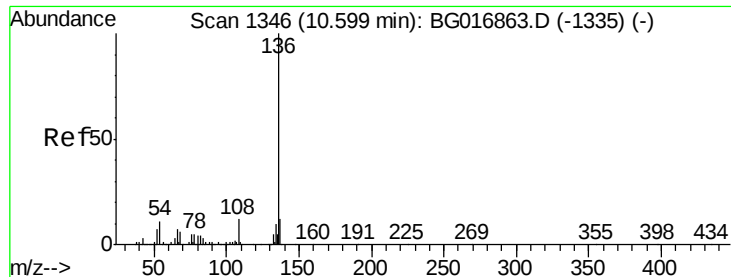
#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:	107	Resp:	205111
Ion	Ratio	Lower	Upper
107	100		
108	93.5	76.6	116.6
77	41.1	19.0	59.0
79	37.9	15.0	55.0



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

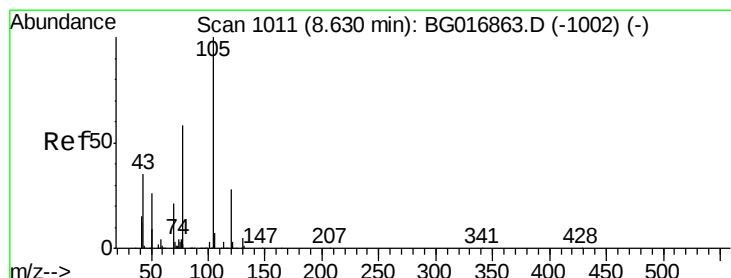
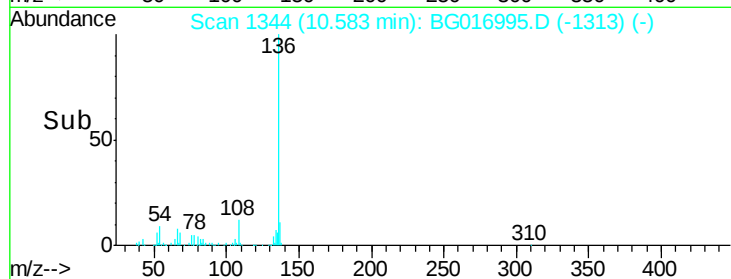
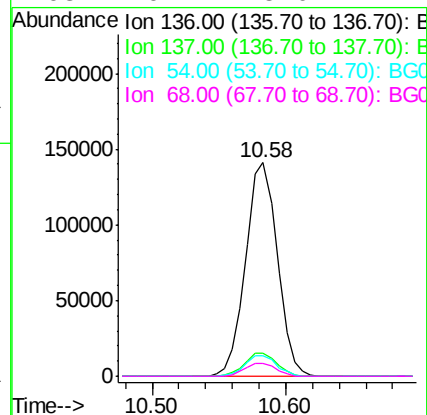
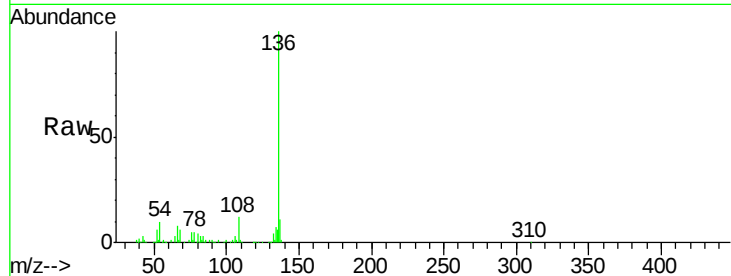




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

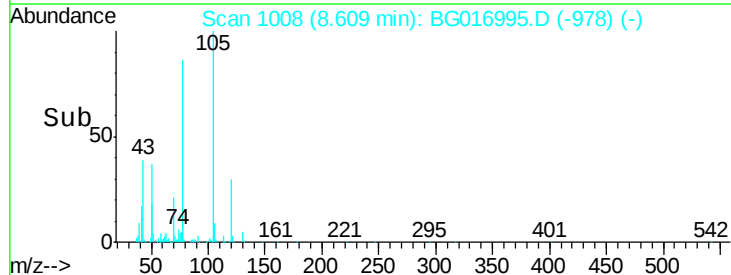
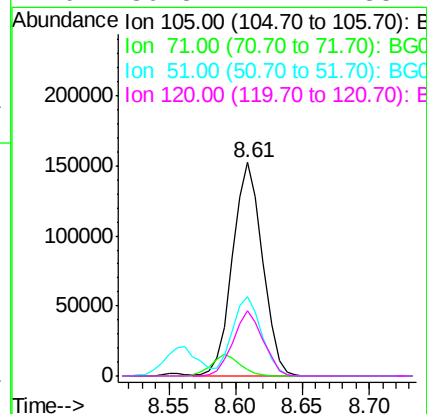
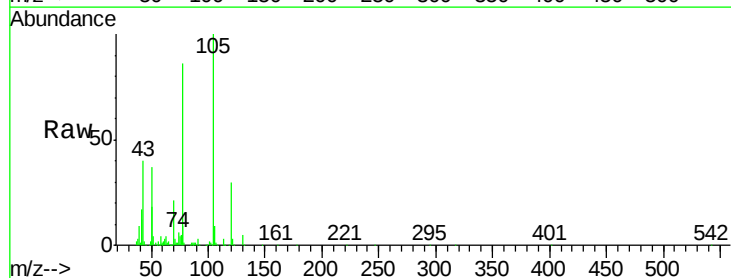
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion:	136	Resp:	230805
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.6	8.7	13.1
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 43.55 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:	105	Resp:	239439
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.8	4.2
51	37.2	29.4	44.2
120	30.3	22.2	33.4

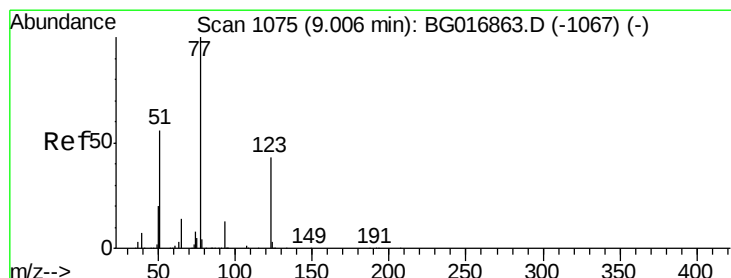
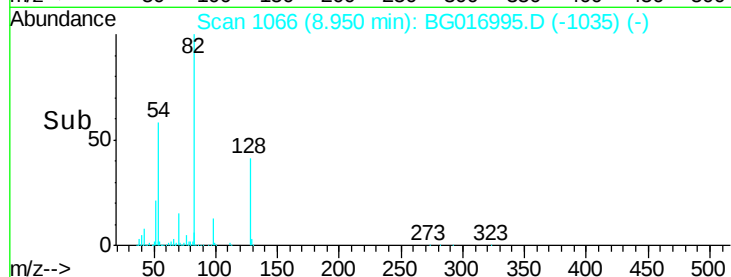
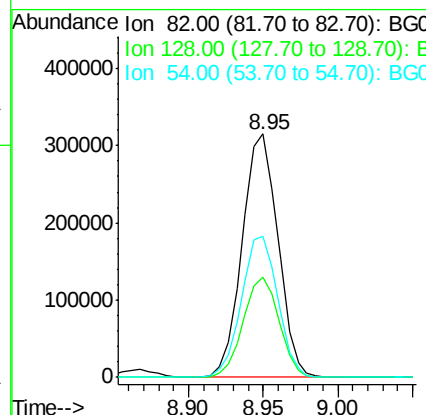
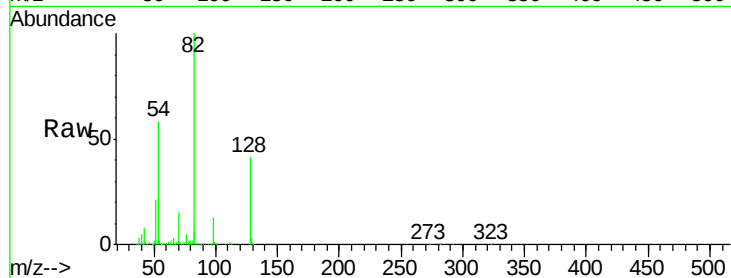




#23
 Nitrobenzene-d5
 Concen: 110.90 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

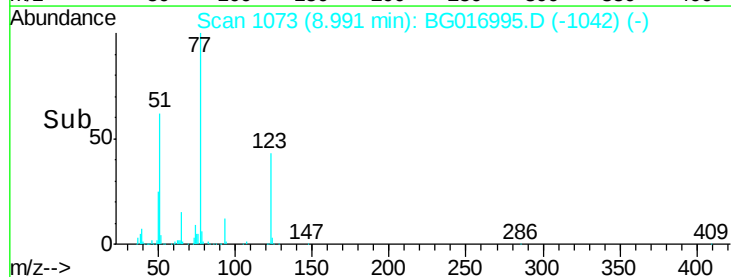
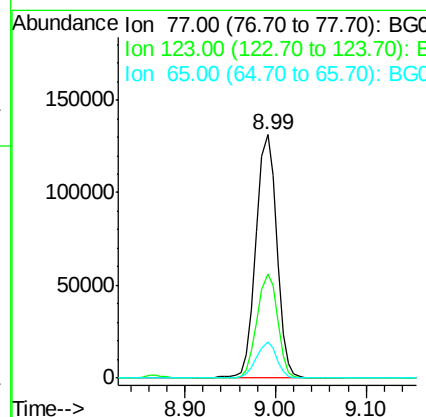
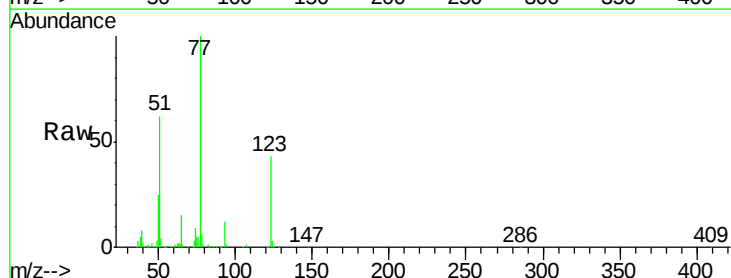
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

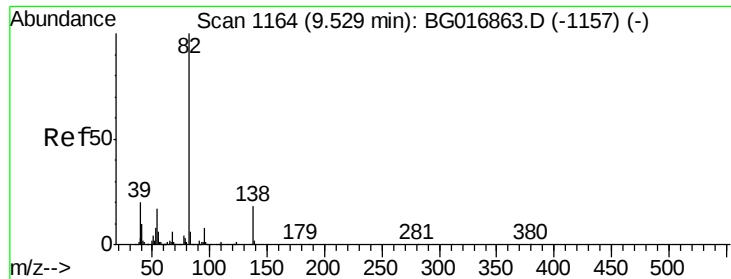
Tgt Ion: 82 Resp: 523928
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.2 49.8
 54 57.7 48.6 72.8



#24
 Nitrobenzene
 Concen: 43.86 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion: 77 Resp: 209246
 Ion Ratio Lower Upper
 77 100
 123 42.5 34.0 51.0
 65 15.1 11.2 16.8





#25

Isophorone

Concen: 40.59 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

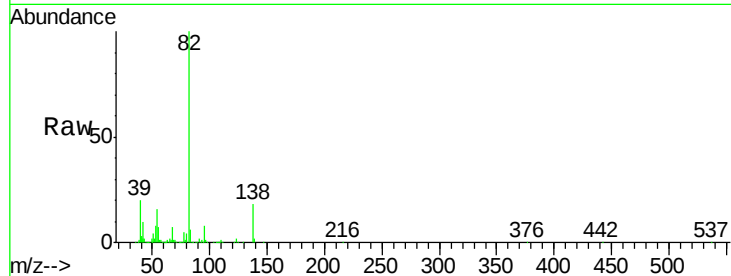
Tgt Ion: 82 Resp: 387185

Ion Ratio Lower Upper

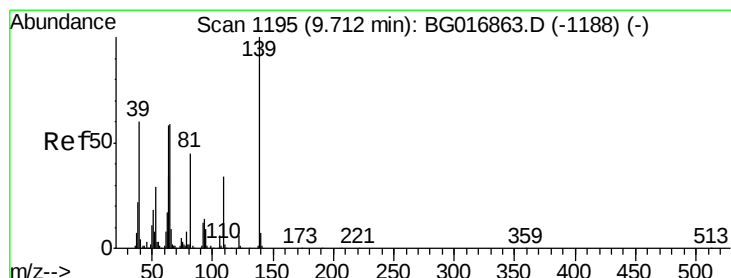
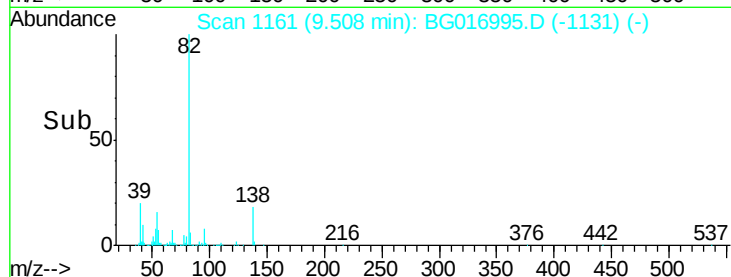
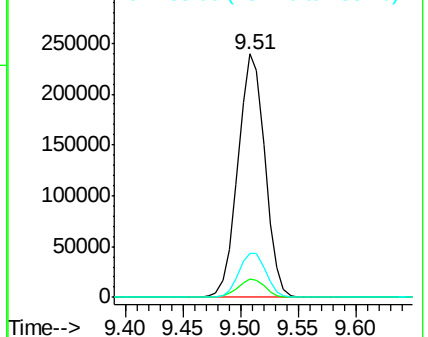
82 100

95 7.6 6.7 10.1

138 18.2 14.7 22.1



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



#26

2-Nitrophenol

Concen: 47.24 ng

RT: 9.70 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

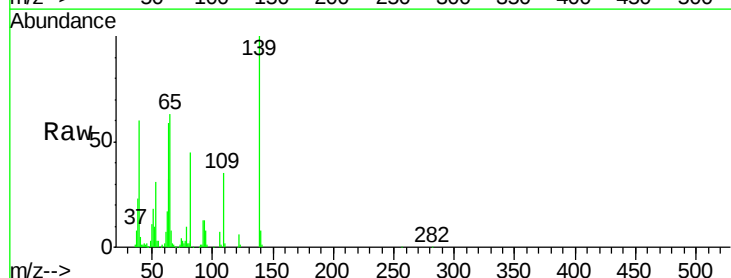
Tgt Ion: 139 Resp: 91768

Ion Ratio Lower Upper

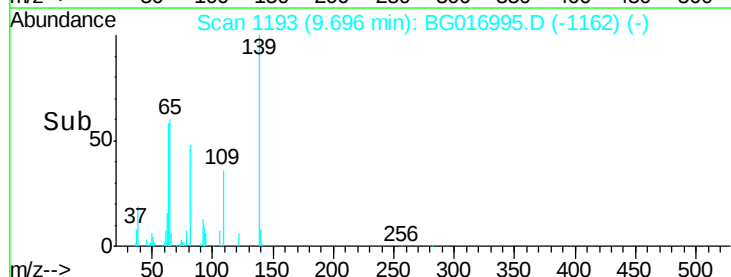
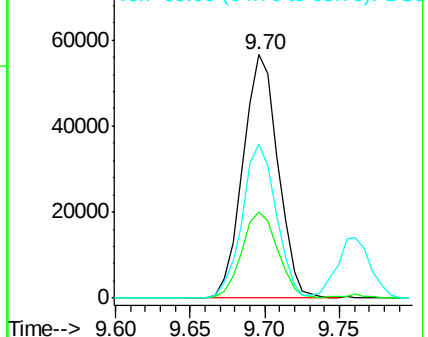
139 100

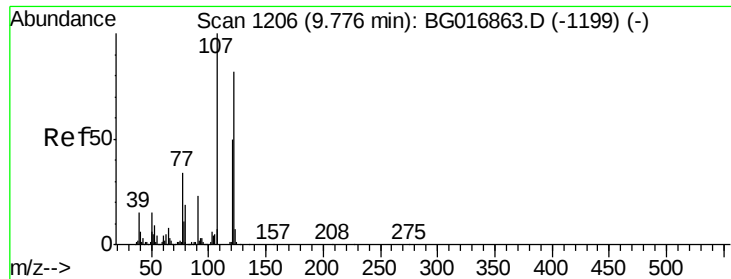
109 35.2 27.4 41.2

65 63.1 47.1 70.7



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

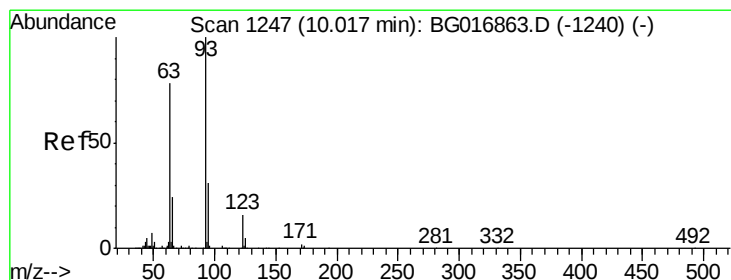
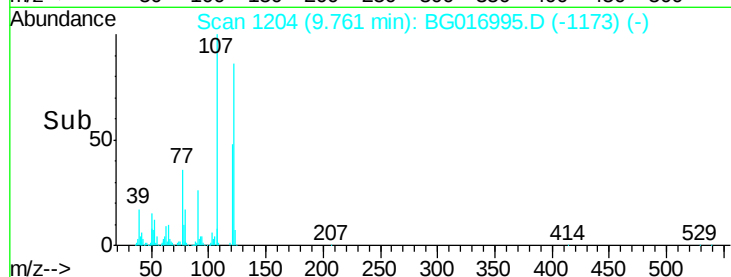
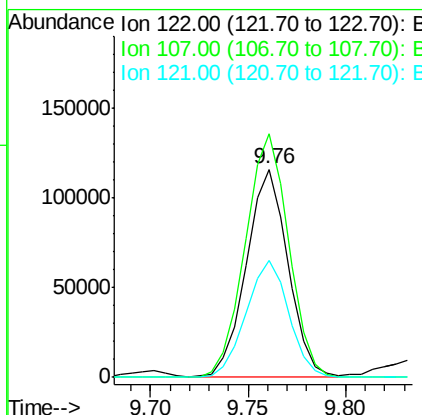
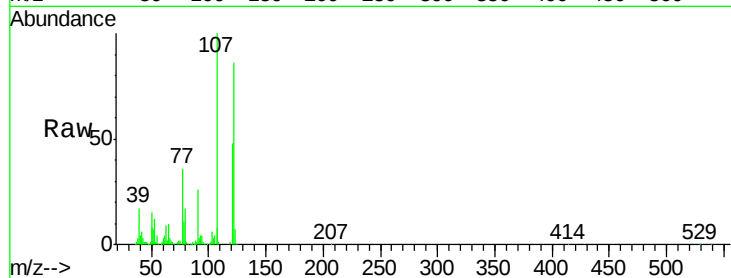




#27
 2,4-Dimethylphenol
 Concen: 48.52 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

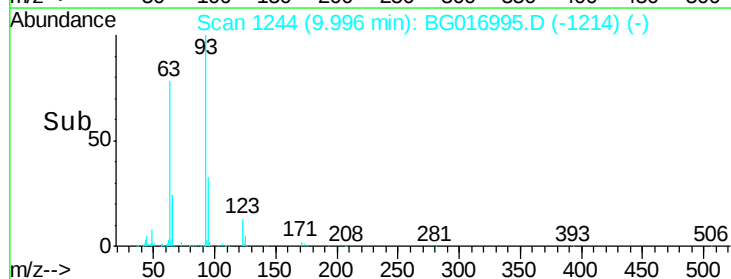
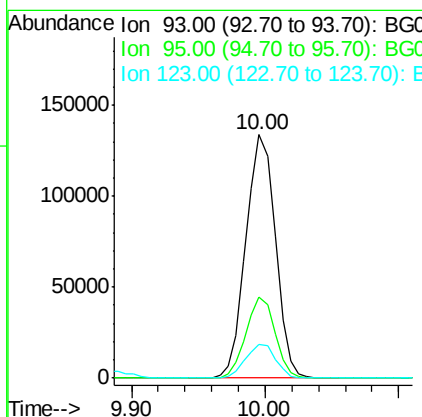
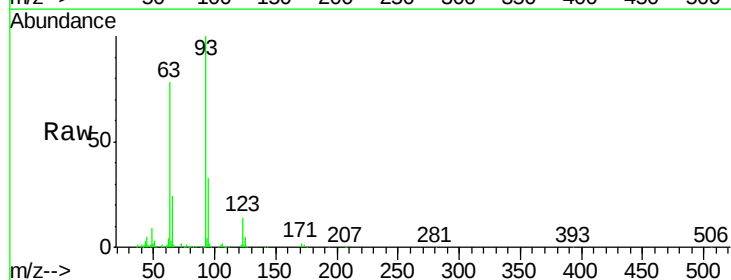
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

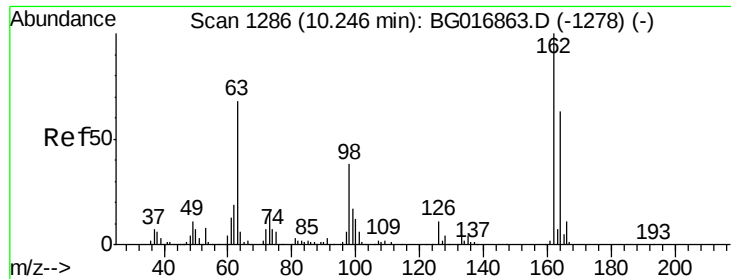
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	97.6	146.4
121	56.0	48.4	72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	24.8	37.2
123	13.8	12.6	19.0

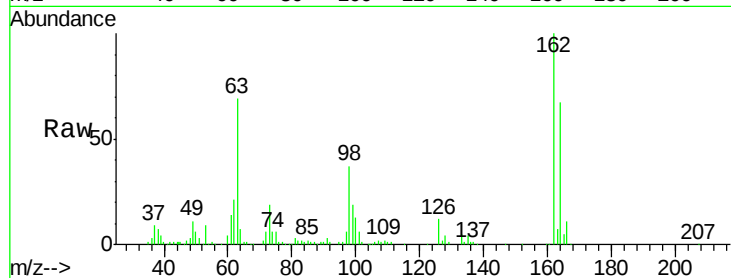




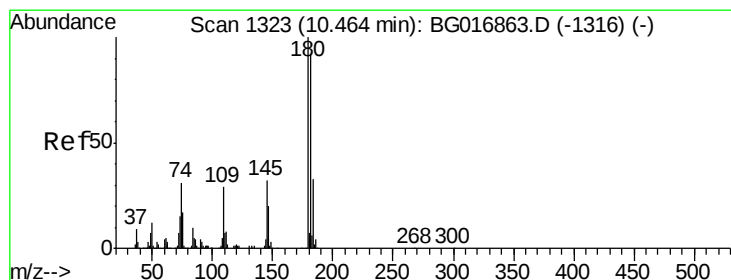
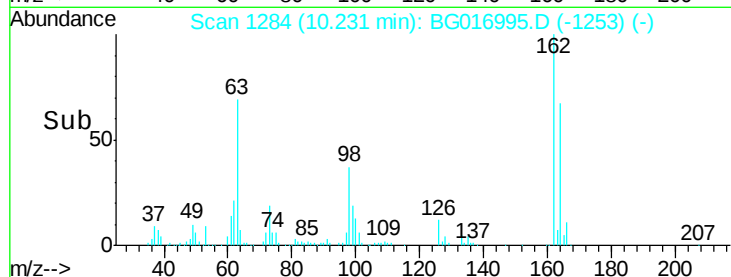
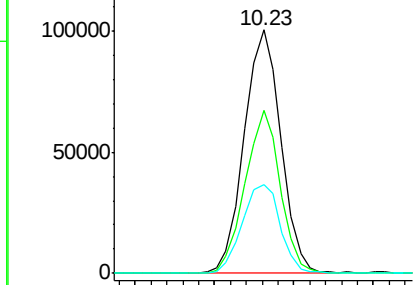
#29
 2,4-Dichlorophenol
 Concen: 48.71 ng
 RT: 10.23 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	42.9	82.9
98	36.6	18.4	58.4

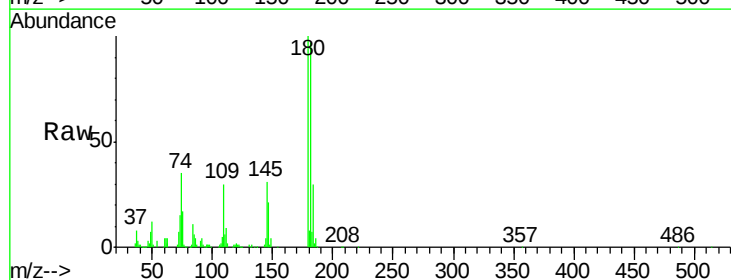


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

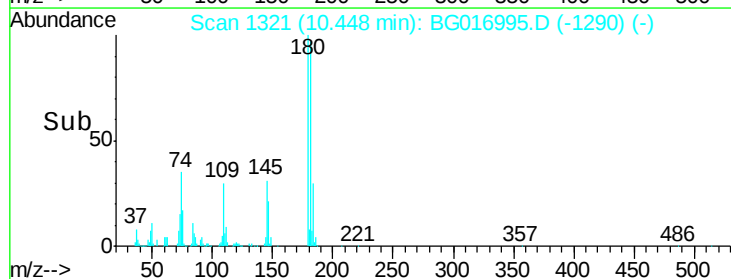
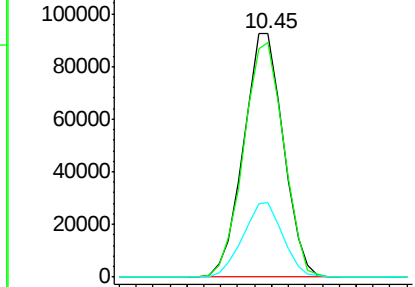


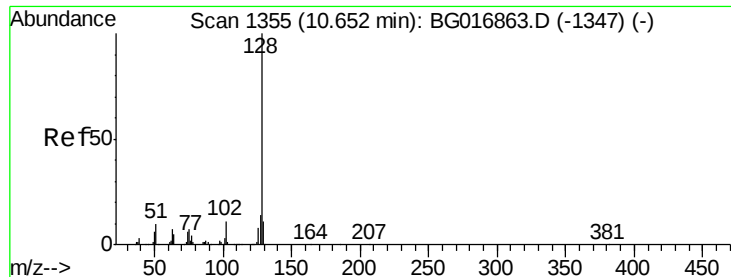
#30
 1,2,4-Trichlorobenzene
 Concen: 43.03 ng
 RT: 10.45 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	30.8	25.4	38.0



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

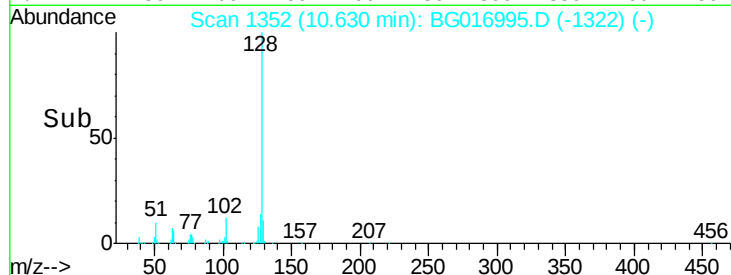
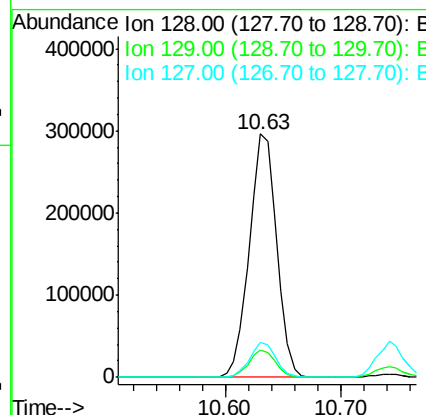
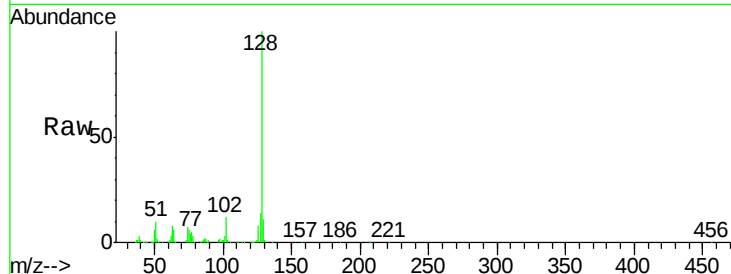




#31
Naphthalene
Concen: 42.42 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

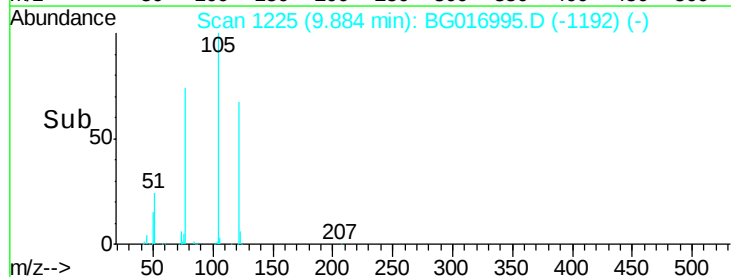
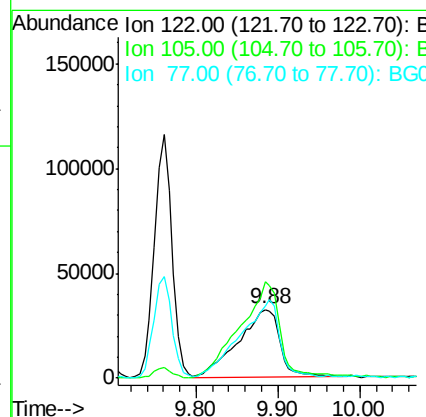
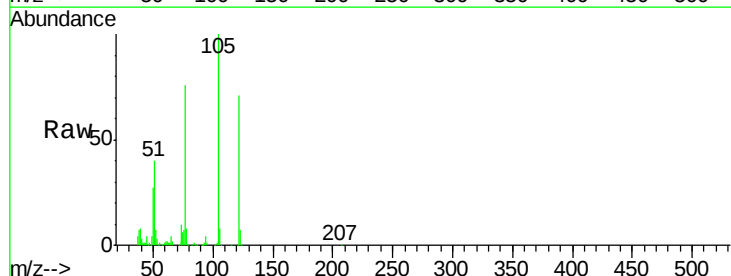
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

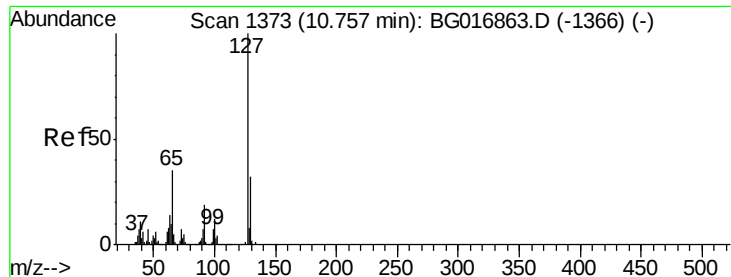
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	14.3	10.9	16.3



#32
Benzoic acid
Concen: 52.27 ng
RT: 9.88 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.1	123.2	163.2
77	106.0	93.0	133.0

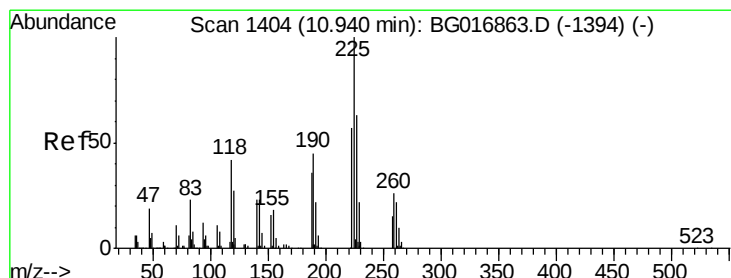
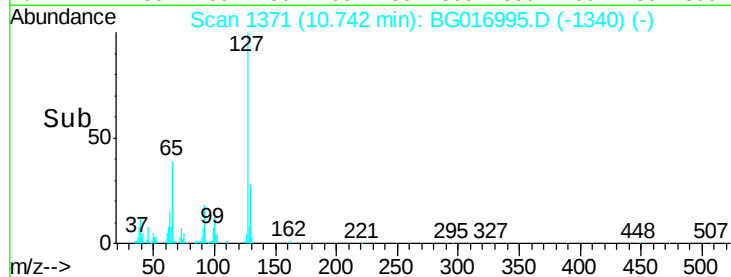
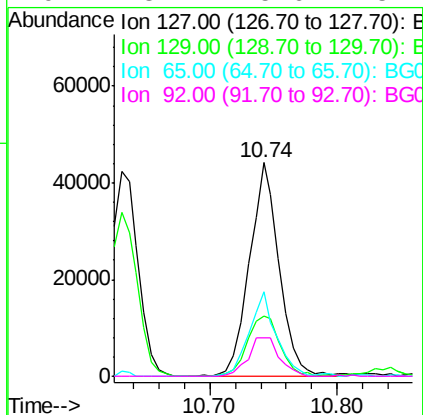
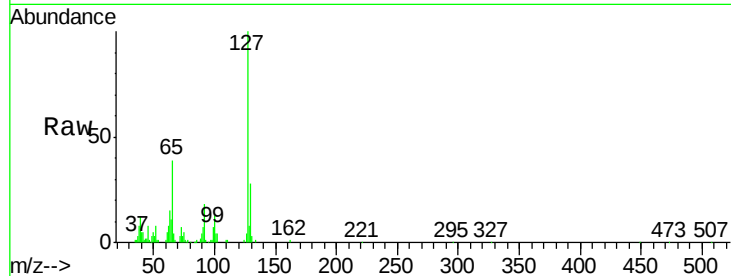




#33
4-Chloroaniline
Concen: 13.58 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

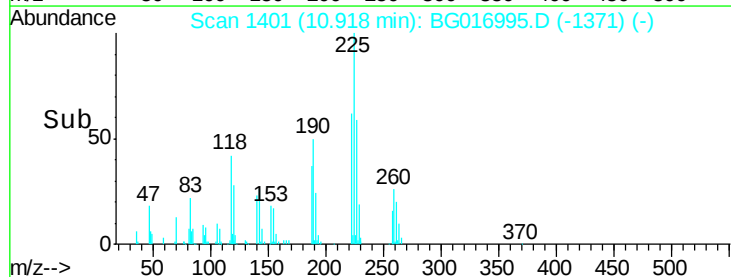
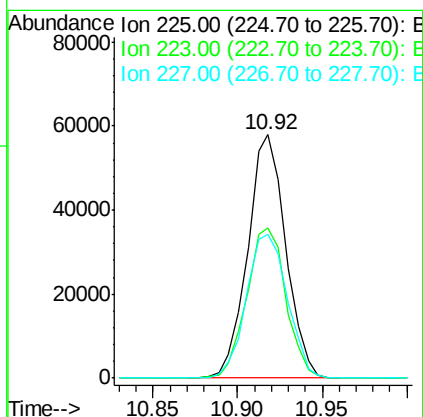
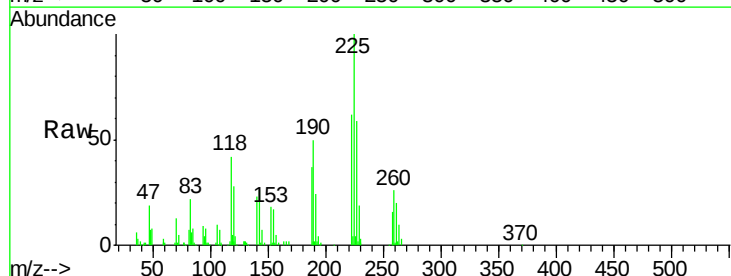
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

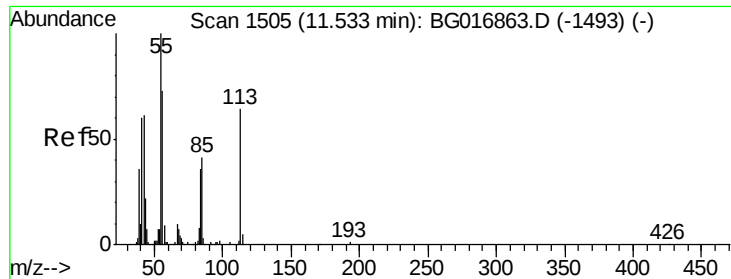
Tgt Ion:	127	Resp:	72001
Ion	Ratio	Lower	Upper
127	100		
129	28.2	25.8	38.6
65	39.4	28.2	42.2
92	18.1	15.6	23.4



#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:	225	Resp:	90439
Ion	Ratio	Lower	Upper
225	100		
223	61.7	45.8	68.6
227	58.9	50.7	76.1

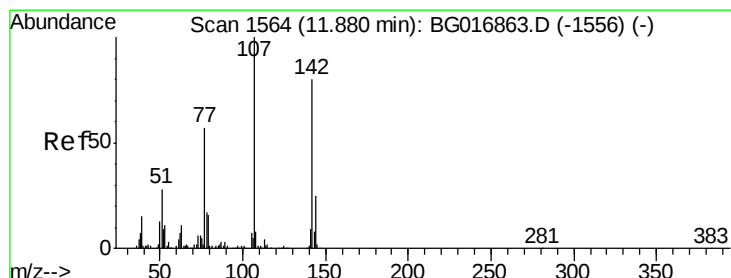
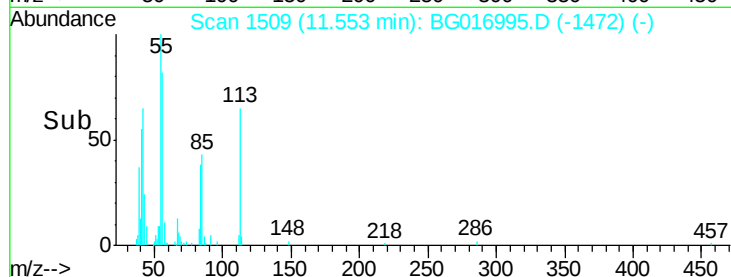
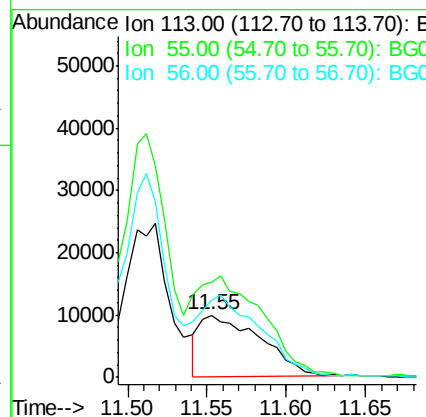
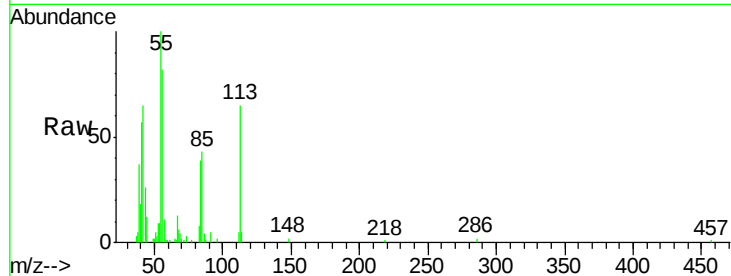




#35
 Caprolactam
 Concen: 15.09 ng
 RT: 11.55 min Scan# 1509
 Delta R.T. 0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

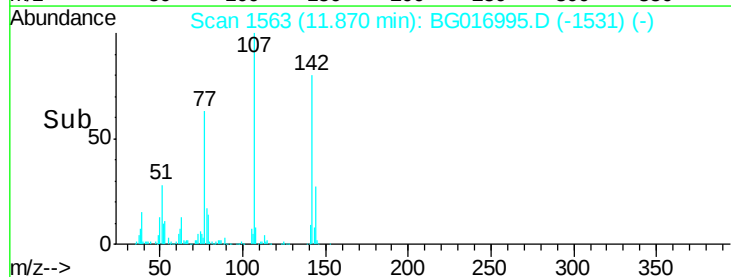
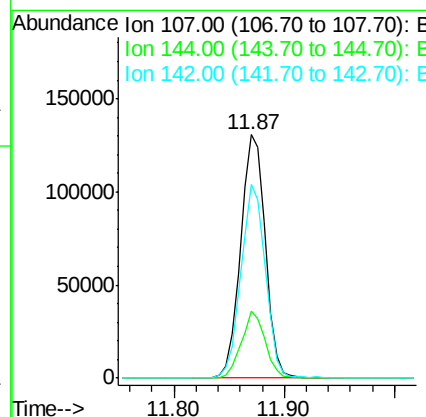
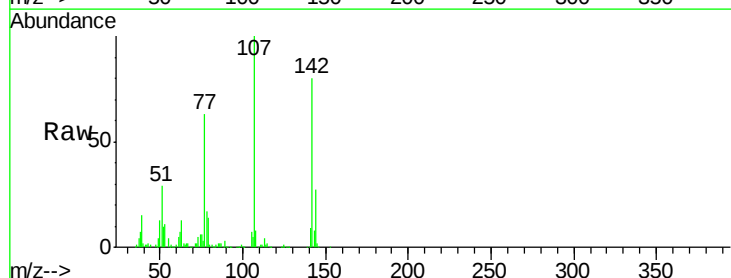
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

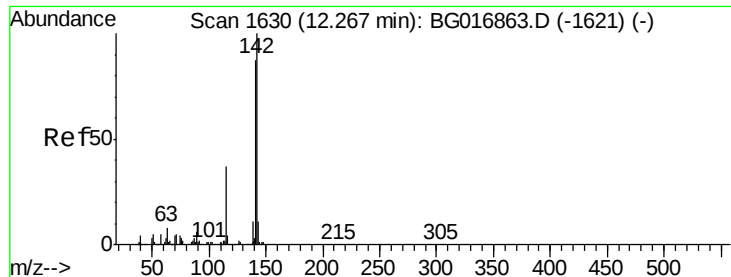
Tgt Ion:113 Resp: 26038
 Ion Ratio Lower Upper
 113 100
 55 153.8 137.1 177.1
 56 125.8 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.33 ng
 RT: 11.87 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:107 Resp: 205537
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.2 30.2
 142 79.6 64.2 96.2

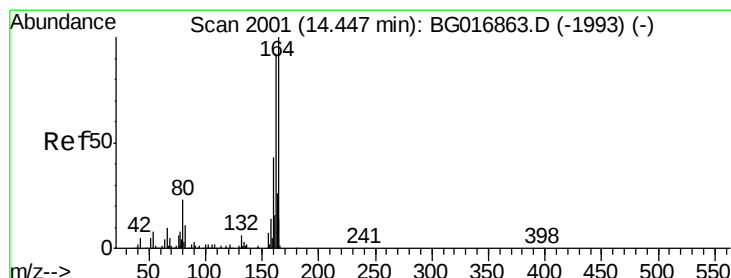
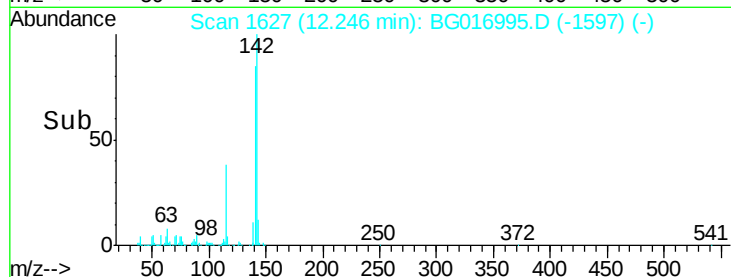
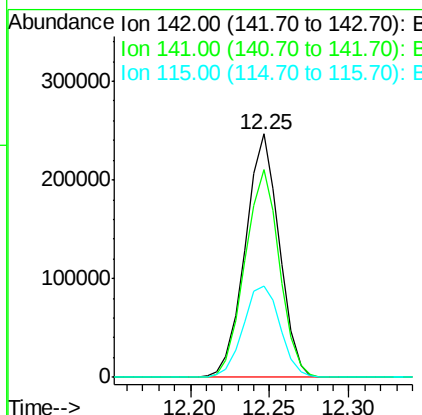
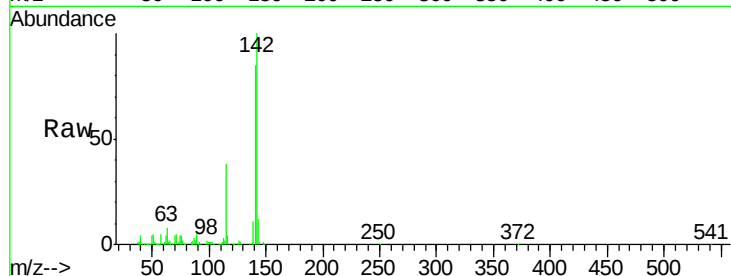




#37
 2-Methylnaphthalene
 Concen: 42.02 ng
 RT: 12.25 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

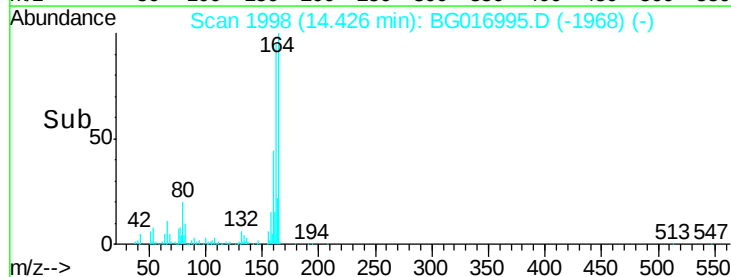
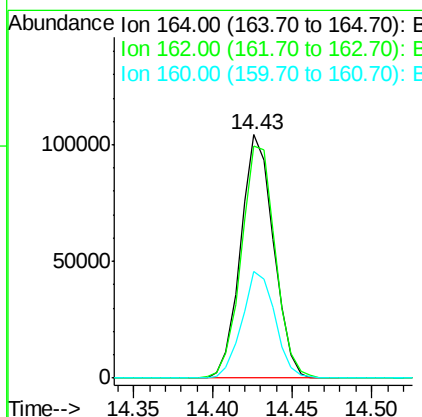
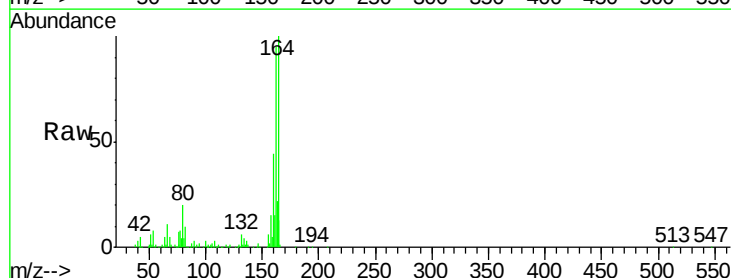
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

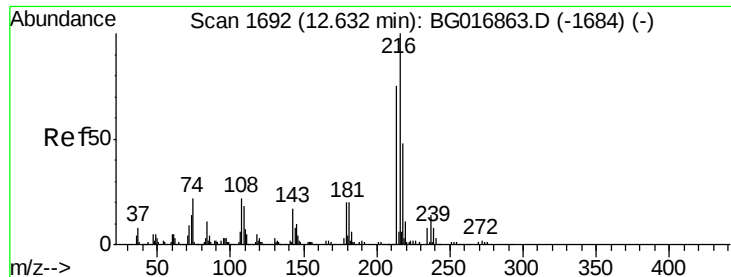
Tgt Ion:142 Resp: 367394
 Ion Ratio Lower Upper
 142 100
 141 85.3 69.9 104.9
 115 37.7 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:164 Resp: 150074
 Ion Ratio Lower Upper
 164 100
 162 95.3 74.0 111.0
 160 43.9 34.7 52.1

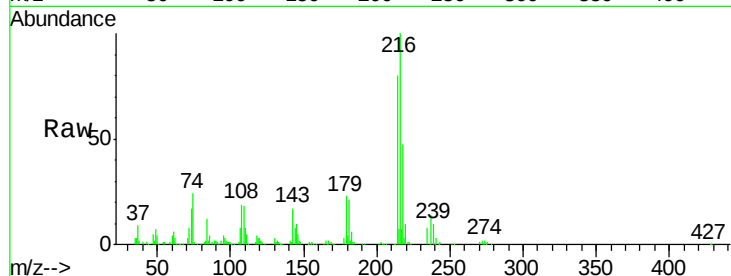




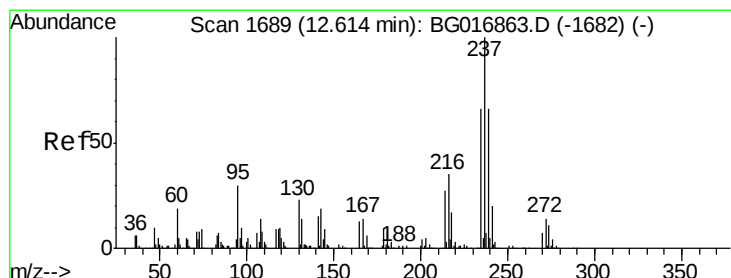
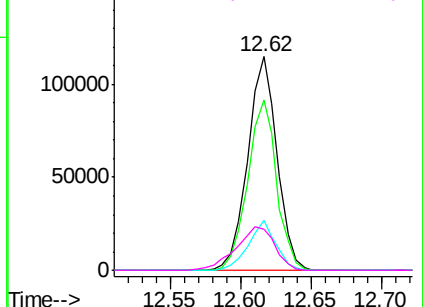
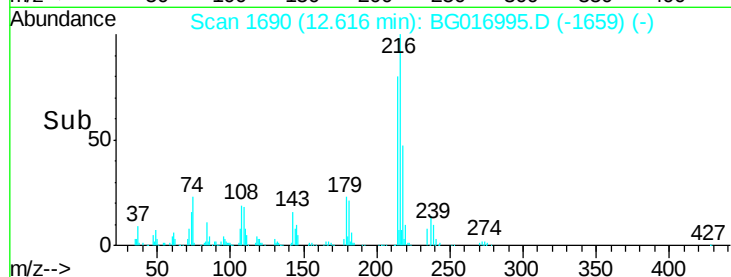
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.13 ng
 RT: 12.62 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion:	216	Resp:	166851
Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	21.4	0.0	0.0#
108	26.8	0.0	0.0#

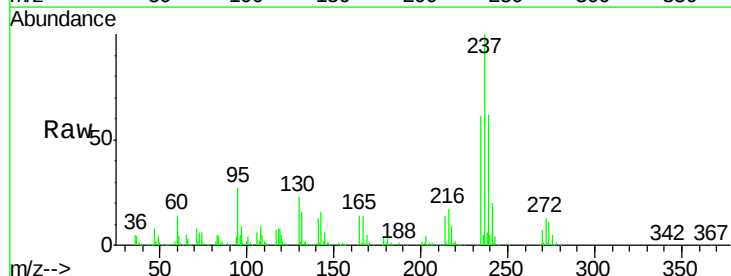


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

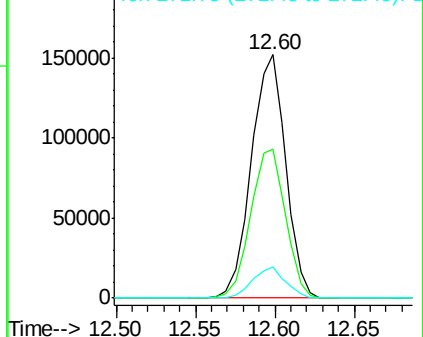
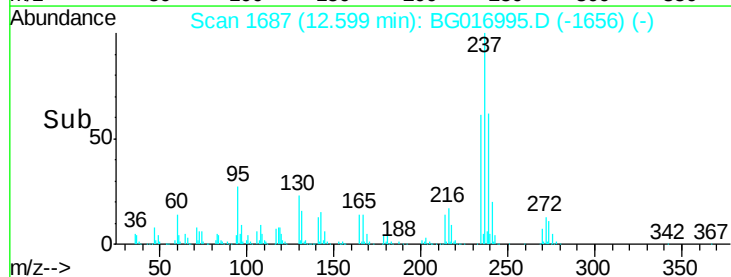


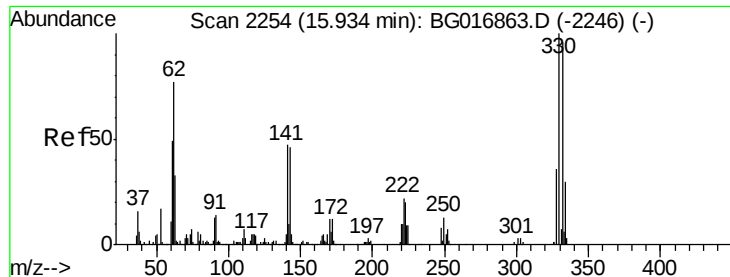
#40
 Hexachlorocyclopentadiene
 Concen: 87.42 ng
 RT: 12.60 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:	237	Resp:	229036
Ion	Ratio	Lower	Upper
237	100		
235	61.4	45.5	85.5
272	12.6	0.0	33.7



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

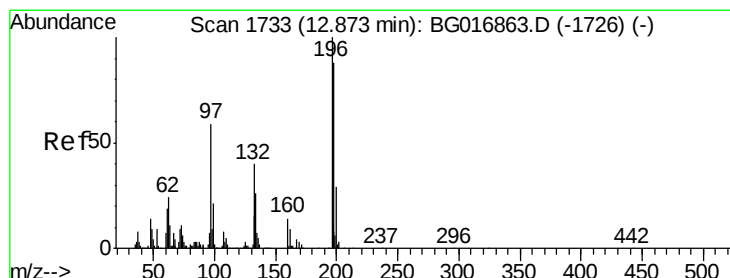
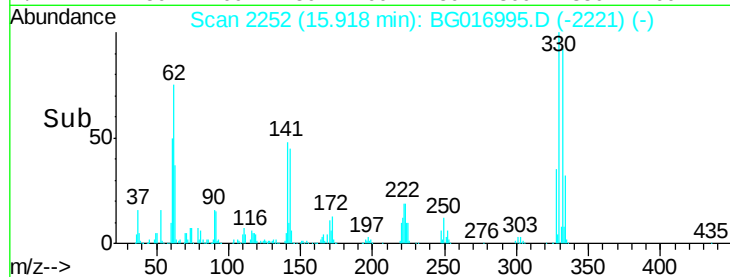
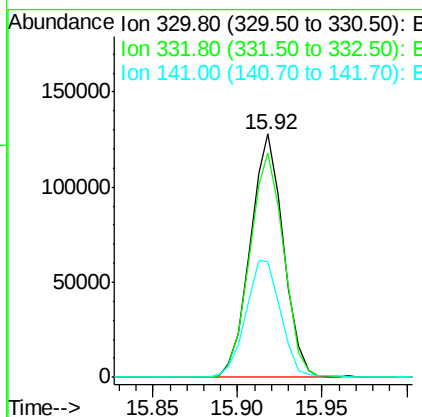
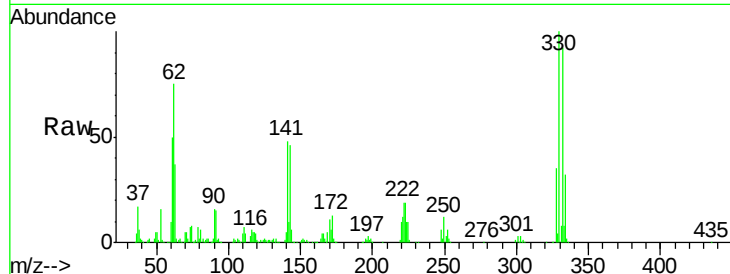




#41
 2,4,6-Tribromophenol
 Concen: 115.52 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

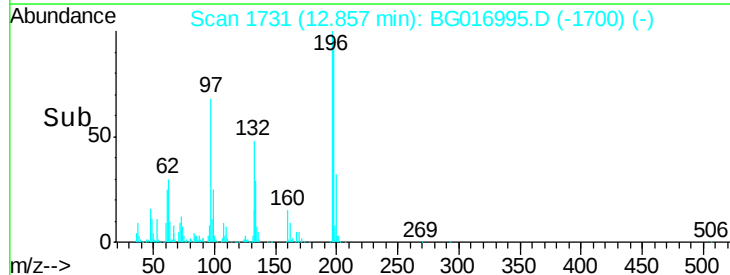
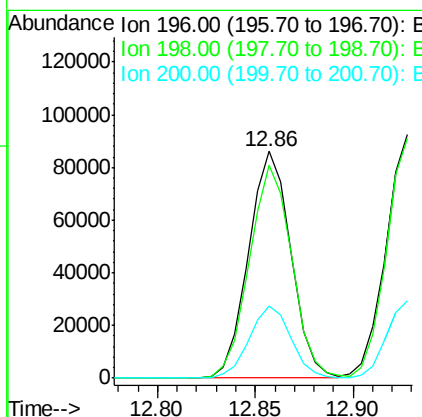
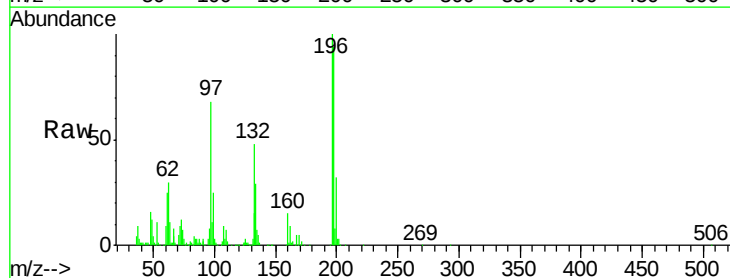
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

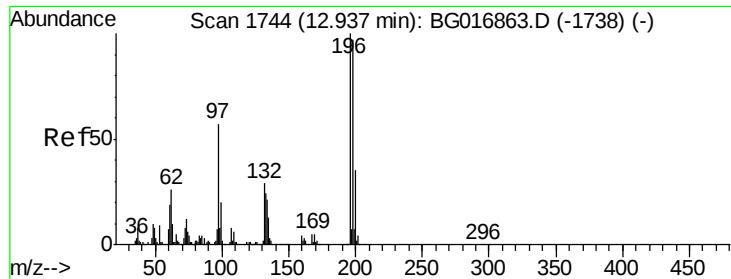
Tgt Ion:330 Resp: 174047
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 51.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 44.87 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:196 Resp: 128995
 Ion Ratio Lower Upper
 196 100
 198 94.1 70.7 106.1
 200 31.8 23.0 34.4

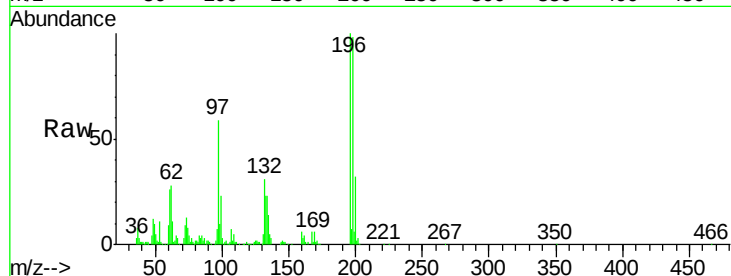




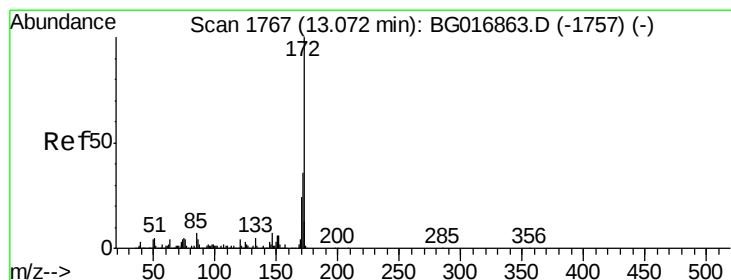
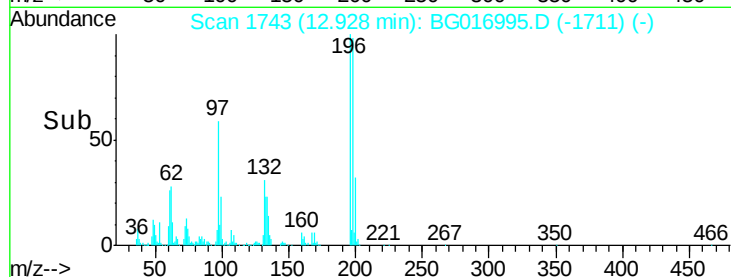
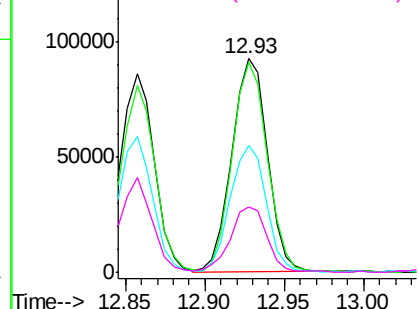
#43
2,4,5-Trichlorophenol
Concen: 46.90 ng
RT: 12.93 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion:196 Resp: 143129
Ion Ratio Lower Upper
196 100
198 98.3 77.5 116.3
97 59.4 45.9 68.9
132 30.5 23.7 35.5

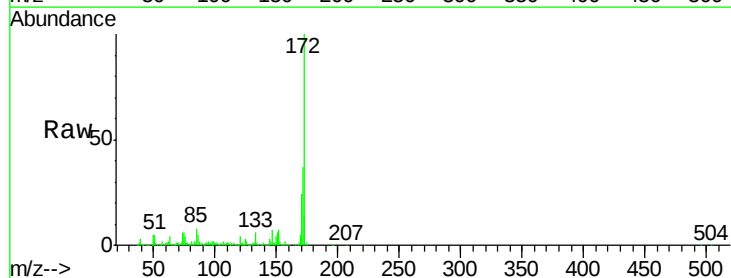


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

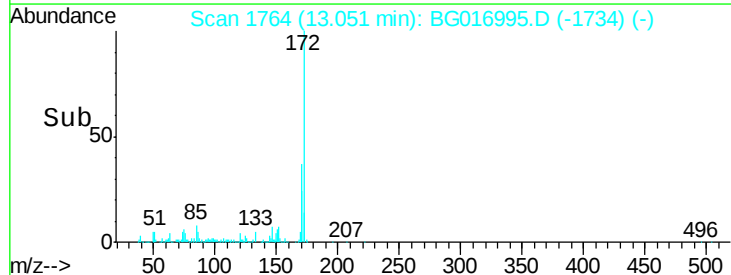
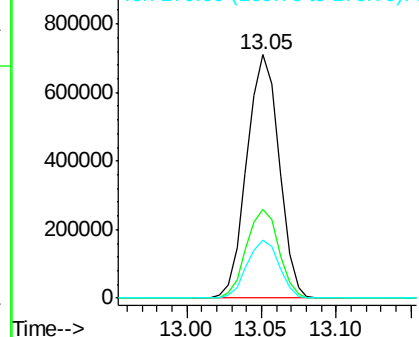


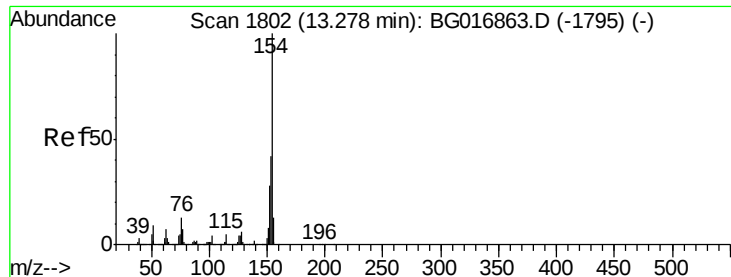
#44
2-Fluorobiphenyl
Concen: 106.89 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:172 Resp: 1063077
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 23.9 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

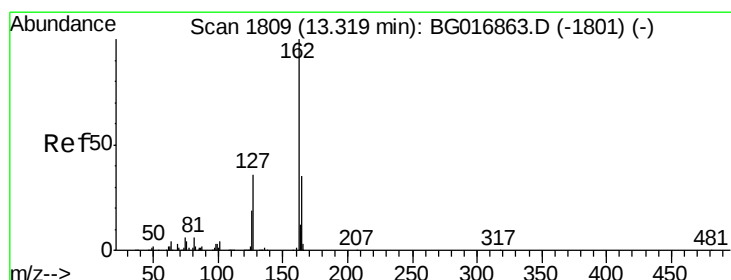
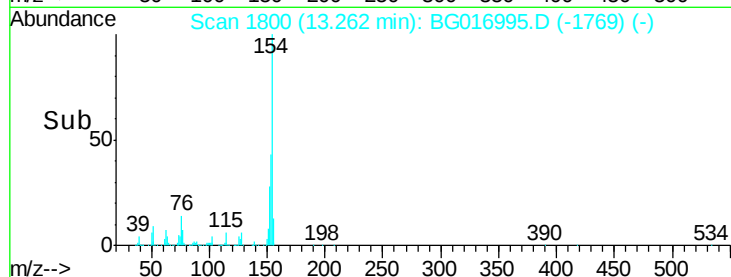
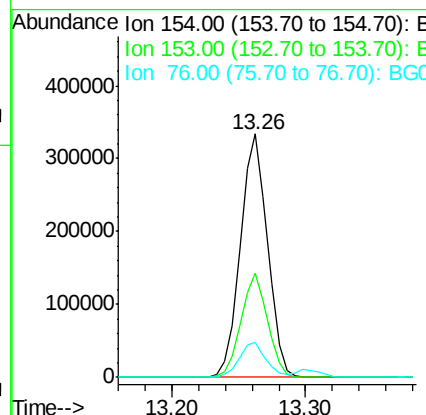
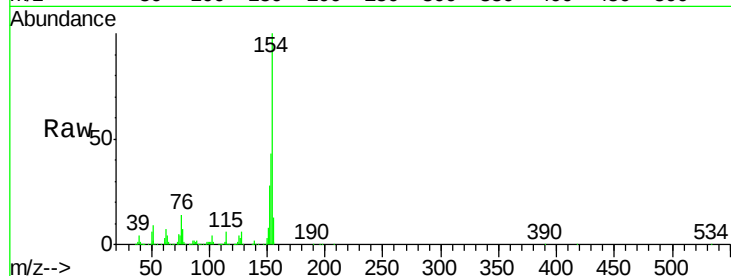




#45
1,1'-Biphenyl
Concen: 43.54 ng
RT: 13.26 min Scan# 1800
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

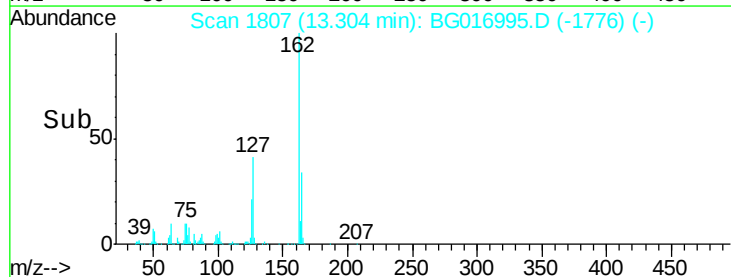
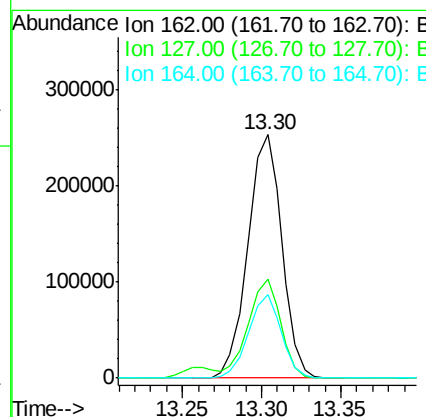
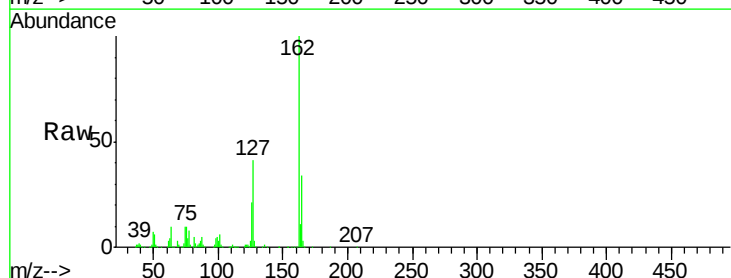
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

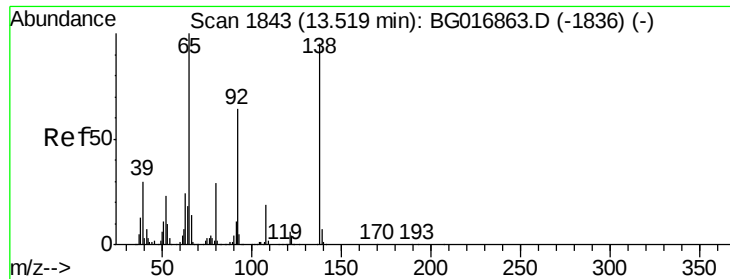
Tgt Ion:154 Resp: 467848
Ion Ratio Lower Upper
154 100
153 42.7 22.0 62.0
76 14.4 0.0 33.3



#46
2-Chloronaphthalene
Concen: 44.20 ng
RT: 13.30 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:162 Resp: 376184
Ion Ratio Lower Upper
162 100
127 40.6 31.2 46.8
164 34.2 27.8 41.6

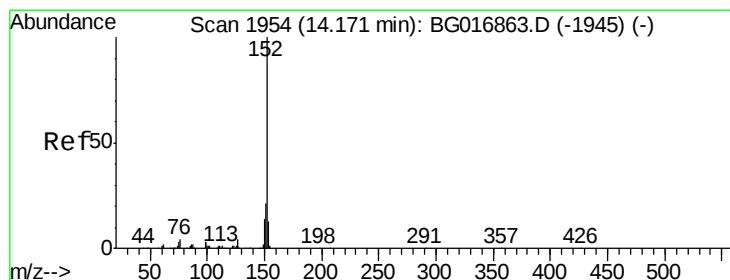
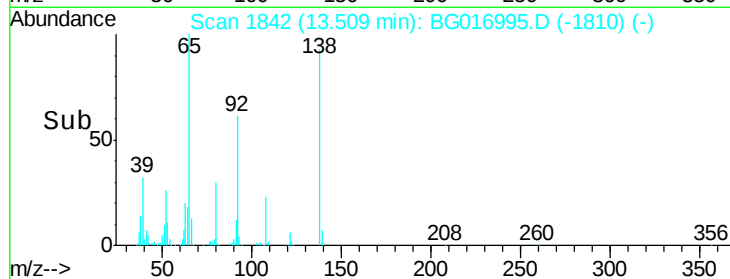
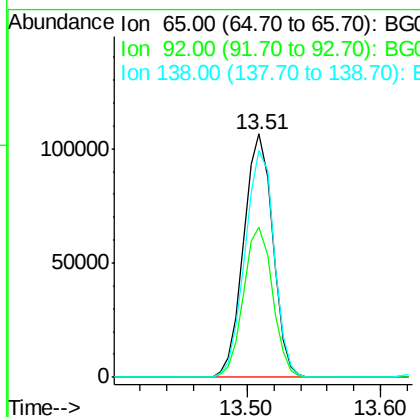
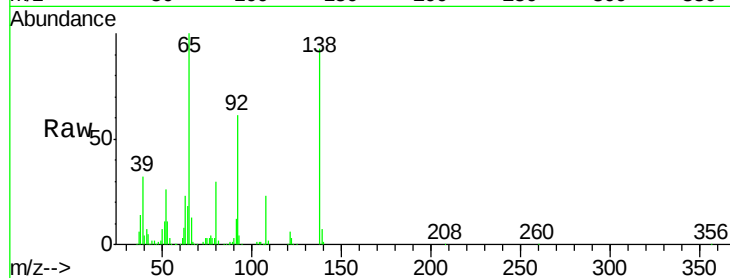




#47
2-Nitroaniline
Concen: 54.13 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

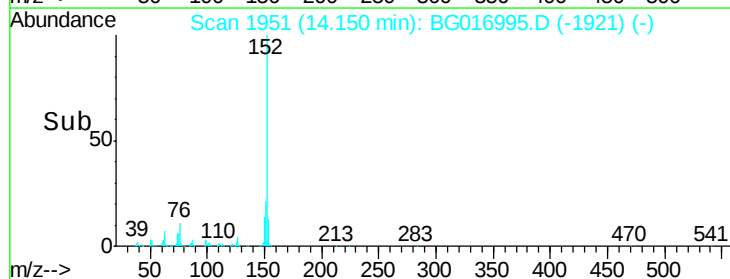
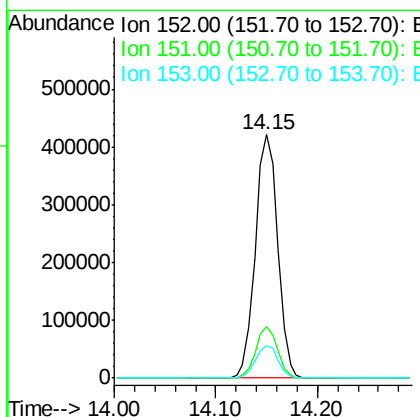
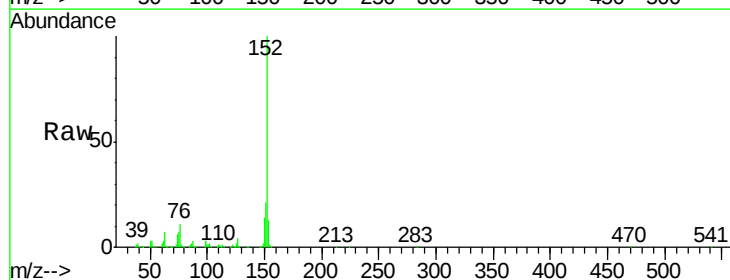
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

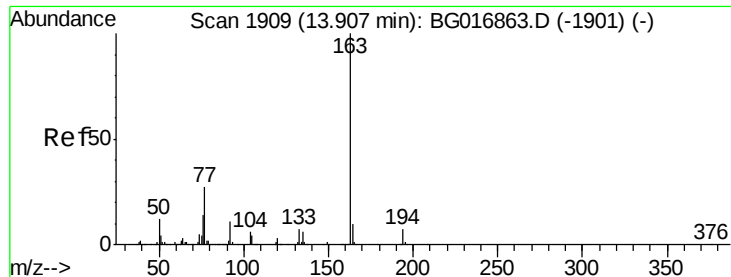
Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	51.0	76.6
138	93.2	76.2	114.2



#48
Acenaphthylene
Concen: 43.42 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.4
153	13.2	10.7	16.1

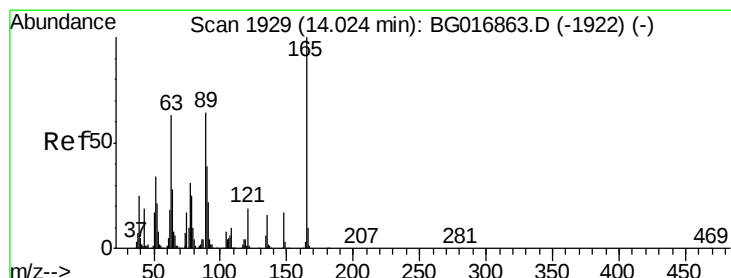
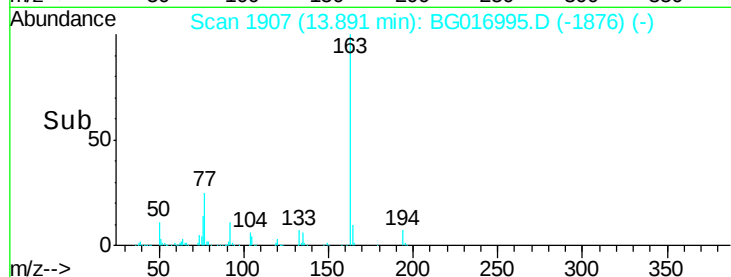
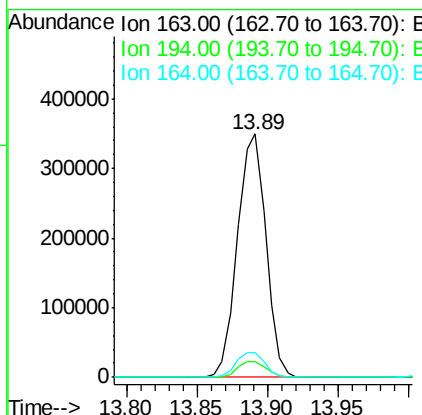
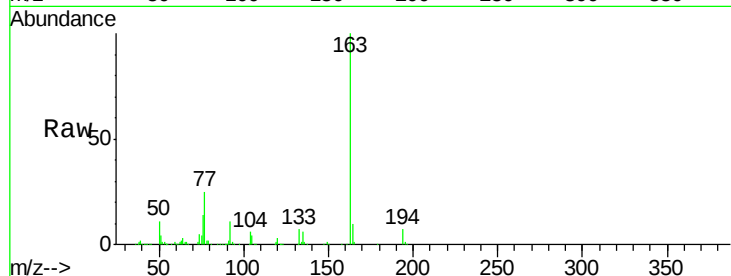




#49
Dimethylphthalate
Concen: 43.97 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

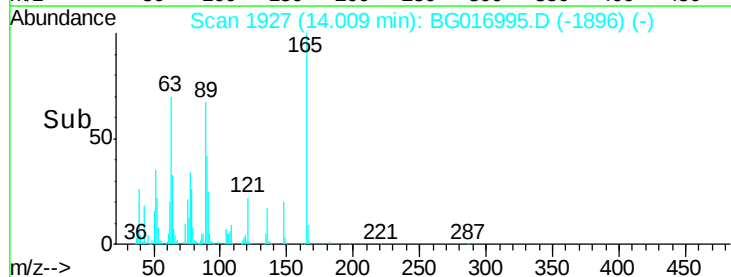
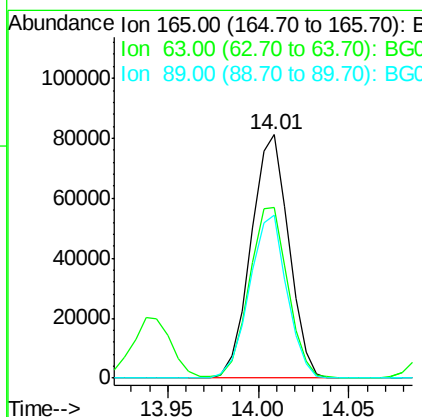
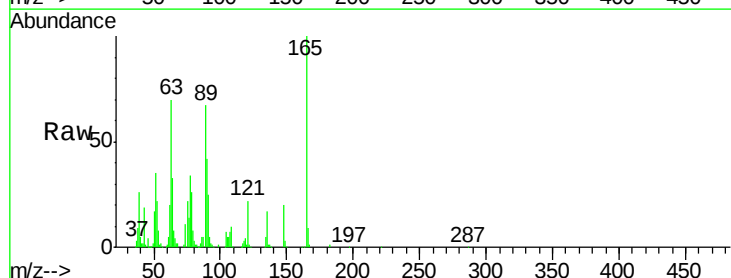
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.2	7.8
164	10.2	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 50.40 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.8	50.9	76.3
89	66.7	51.4	77.2





#51

Acenaphthene

Concen: 43.02 ng

RT: 14.50 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

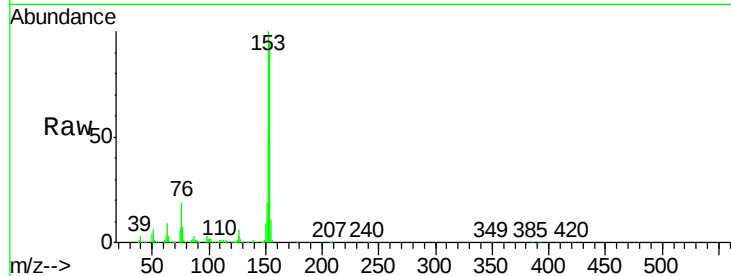
Tgt Ion:154 Resp: 379486

Ion Ratio Lower Upper

154 100

153 105.0 84.2 126.4

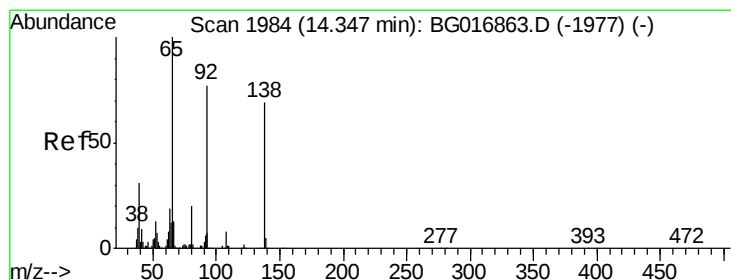
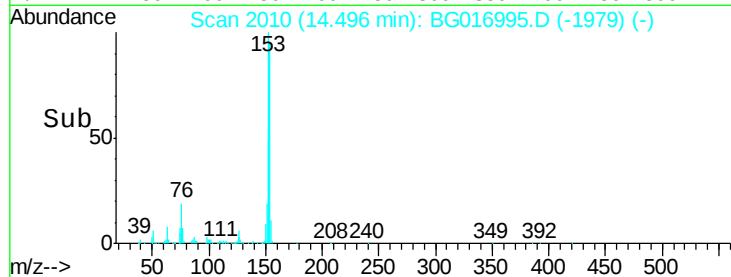
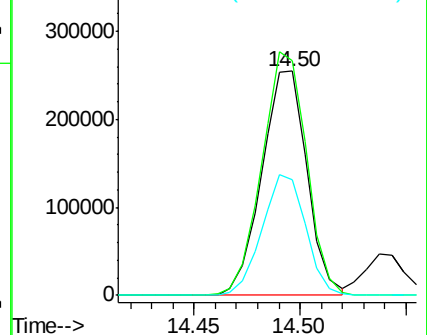
152 51.7 40.2 60.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.47 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

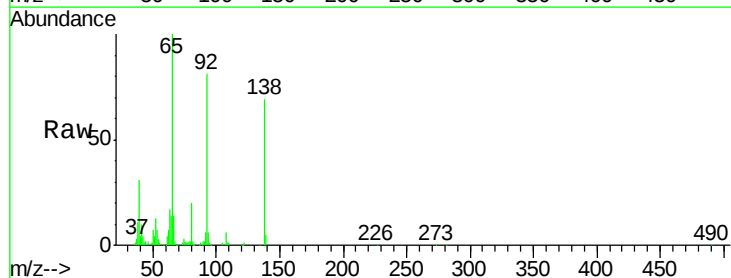
Tgt Ion:138 Resp: 80652

Ion Ratio Lower Upper

138 100

108 8.5 9.5 14.3#

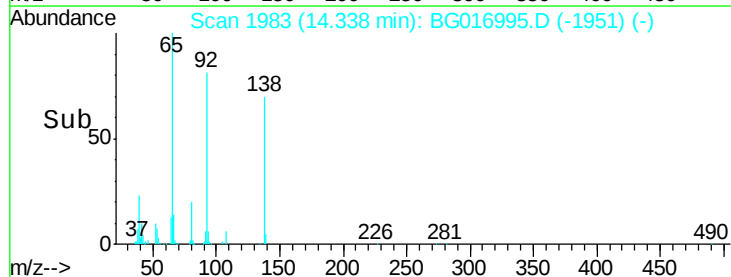
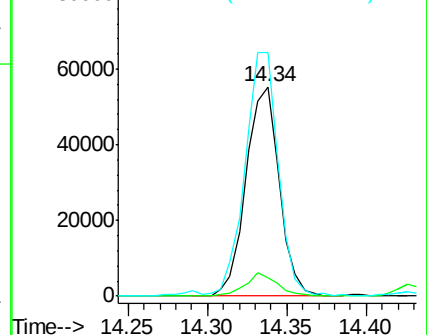
92 115.9 89.6 134.4

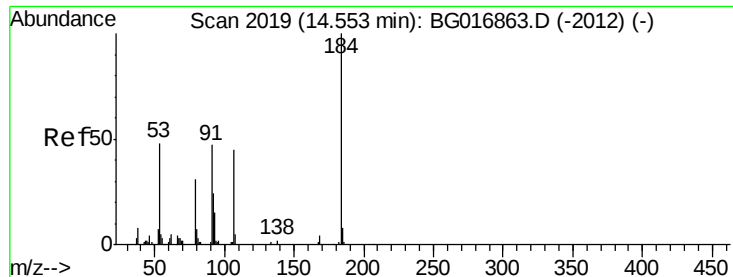


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

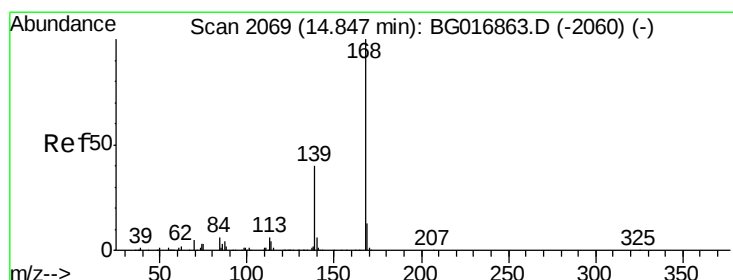
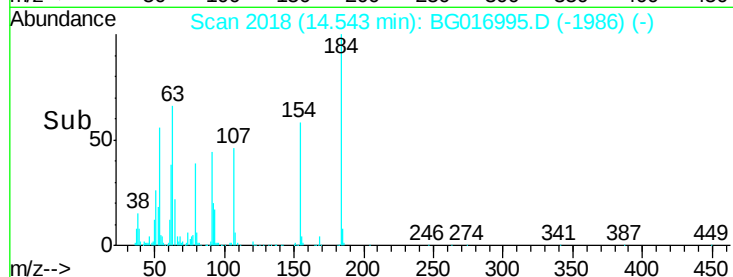
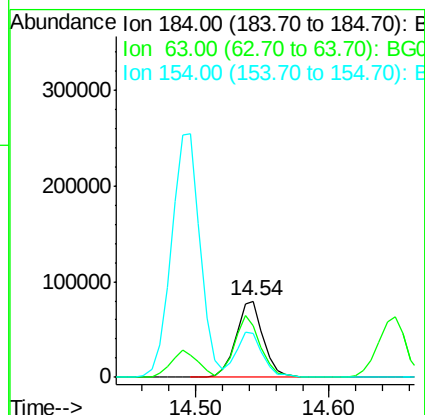
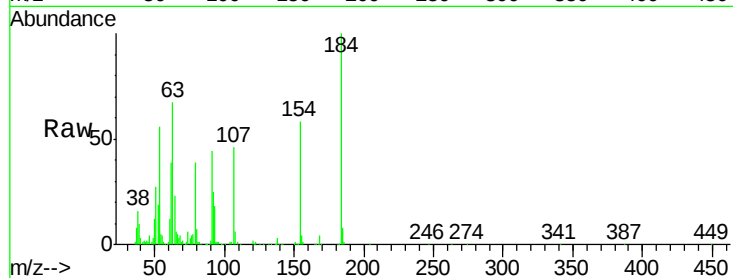




#53
2,4-Dinitrophenol
Concen: 106.49 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

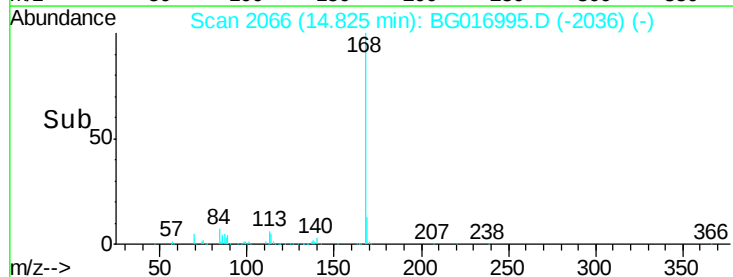
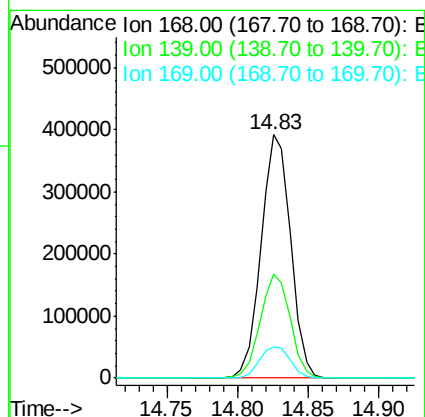
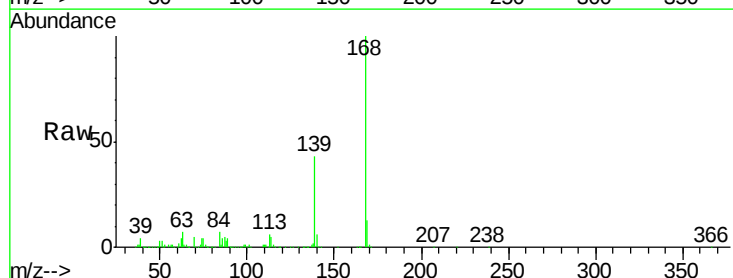
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

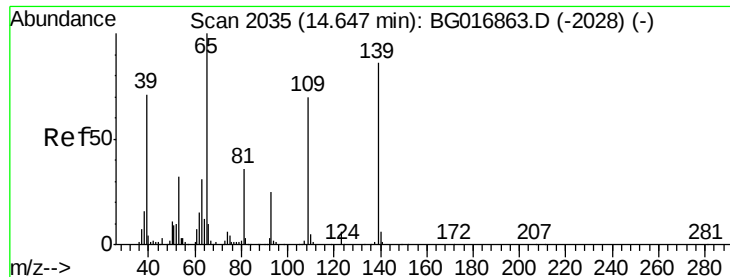
Tgt Ion:184 Resp: 113329
Ion Ratio Lower Upper
184 100
63 67.5 53.4 80.0
154 57.8 41.0 61.6



#54
Dibenzofuran
Concen: 46.04 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:168 Resp: 576582
Ion Ratio Lower Upper
168 100
139 42.8 32.5 48.7
169 12.7 10.4 15.6

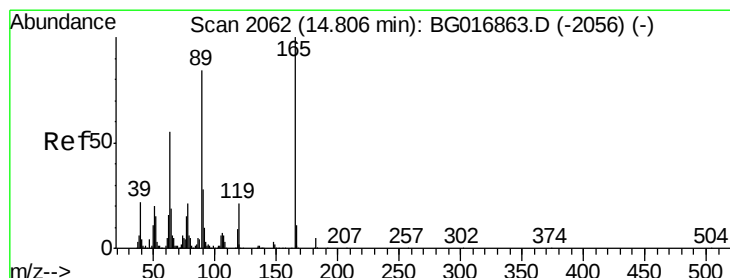
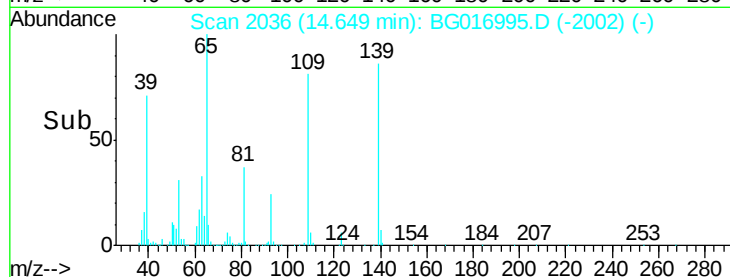
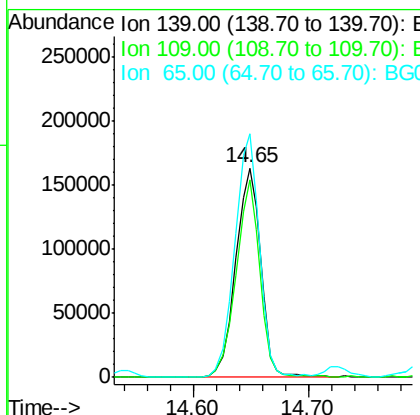
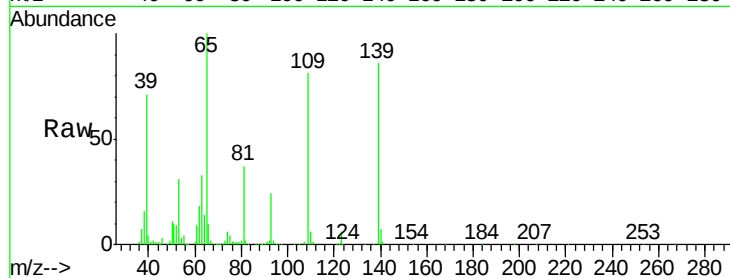




#55
4-Nitrophenol
Concen: 108.96 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

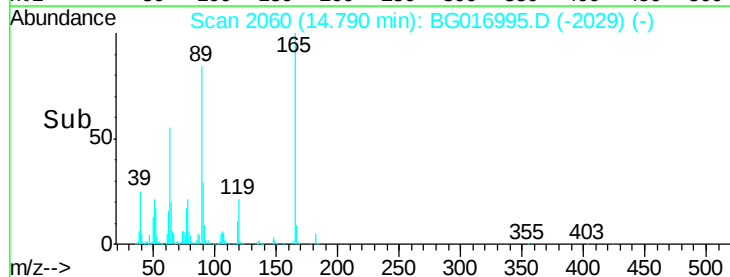
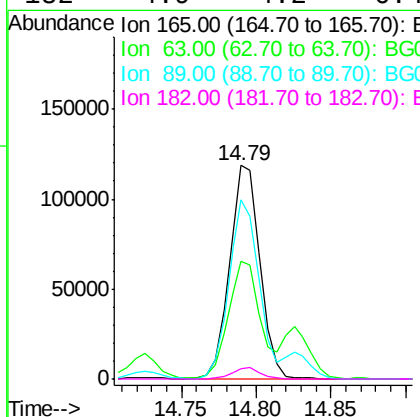
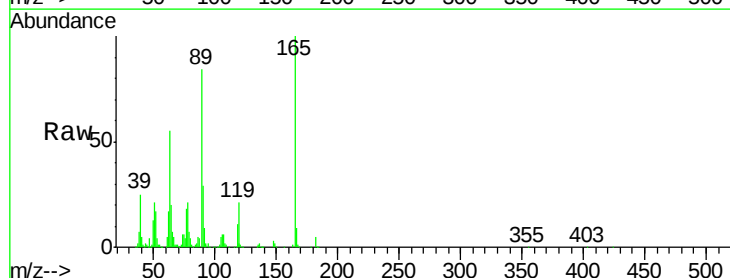
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

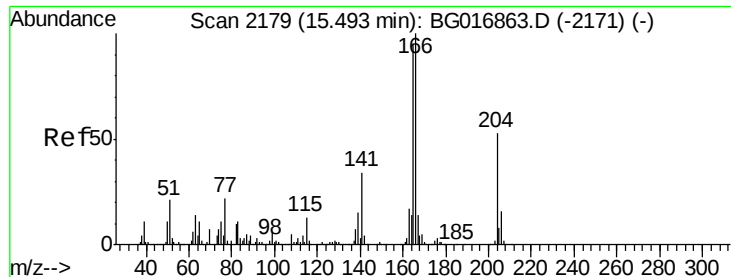
Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.7	61.8	101.8
65	116.4	96.8	136.8



#56
2,4-Dinitrotoluene
Concen: 56.59 ng
RT: 14.79 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	44.2	66.4
89	83.8	67.2	100.8
182	4.9	4.2	6.4

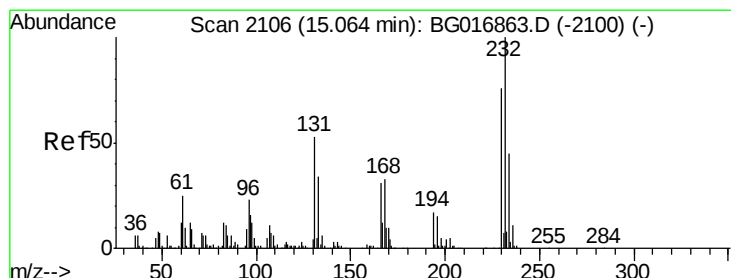
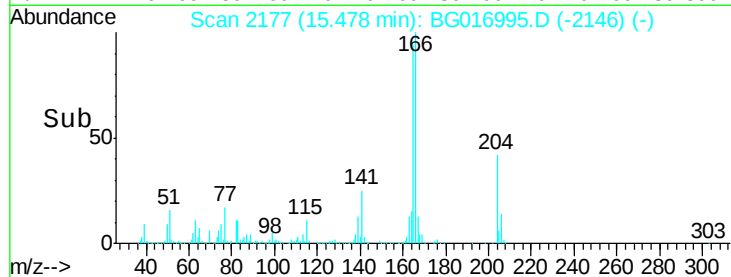
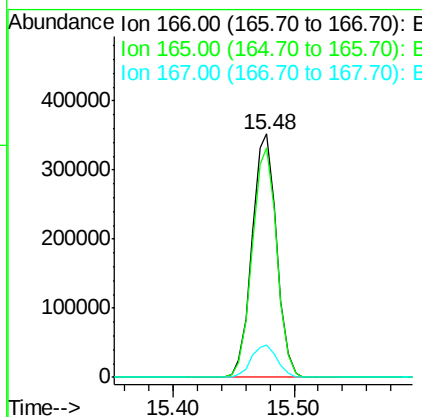
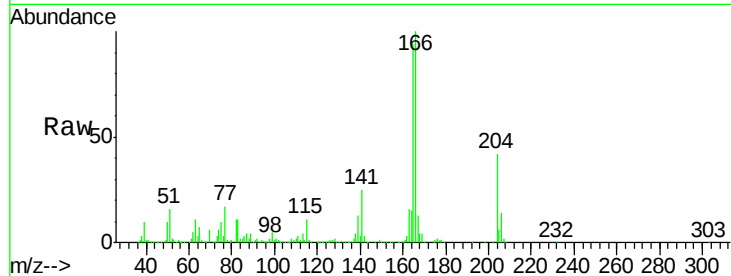




#57
 Fluorene
 Concen: 44.78 ng
 RT: 15.48 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

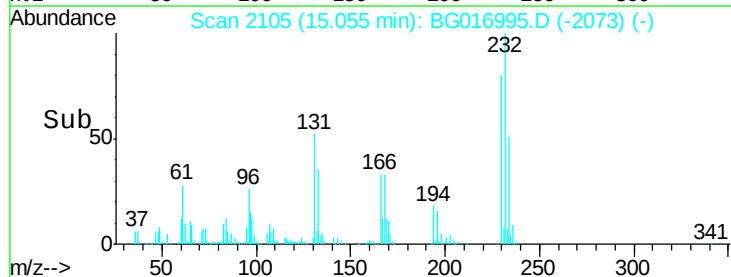
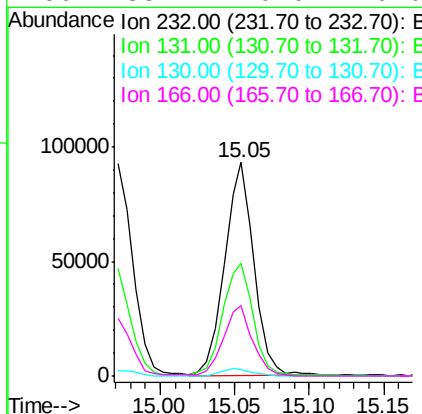
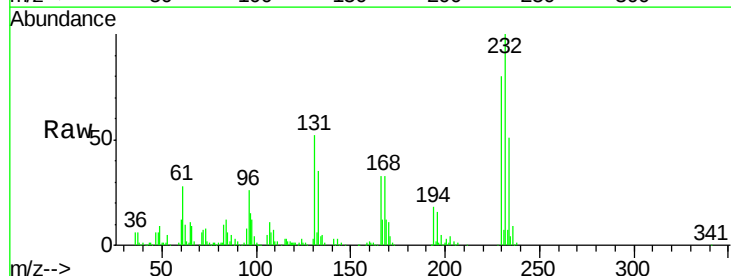
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

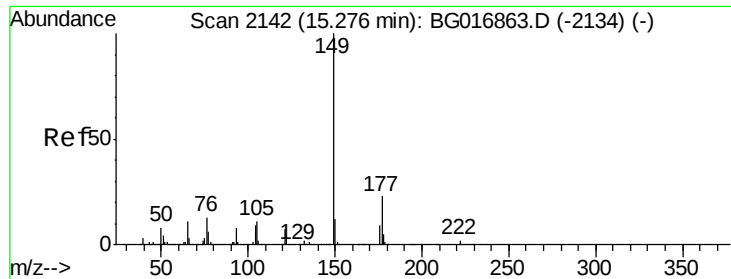
Tgt Ion:166 Resp: 496544
 Ion Ratio Lower Upper
 166 100
 165 94.4 76.1 114.1
 167 13.1 11.4 17.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.22 ng
 RT: 15.05 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:232 Resp: 126973
 Ion Ratio Lower Upper
 232 100
 131 55.1 0.1 0.1#
 130 3.5 0.0 0.0#
 166 33.1 0.0 0.0#

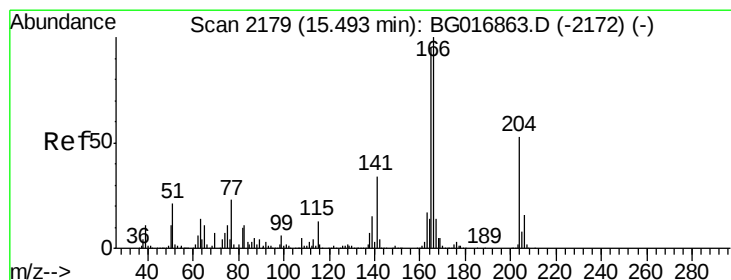
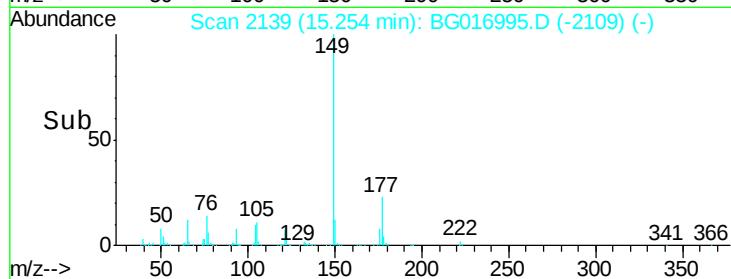
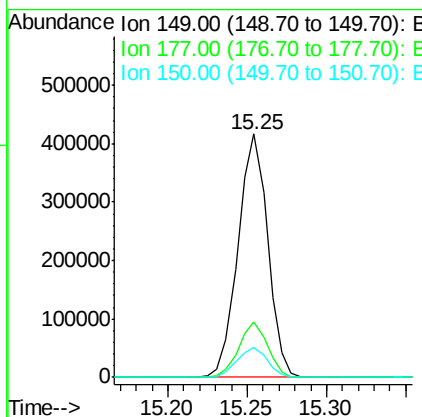
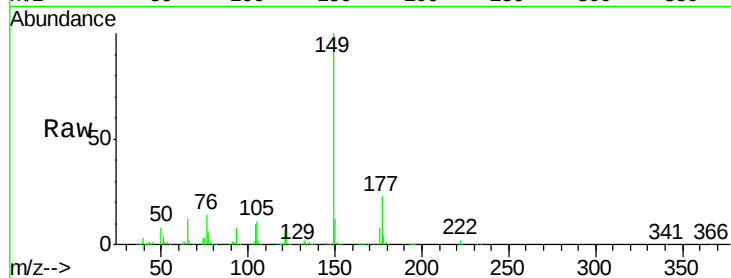




#59
Diethylphthalate
Concen: 45.55 ng
RT: 15.25 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

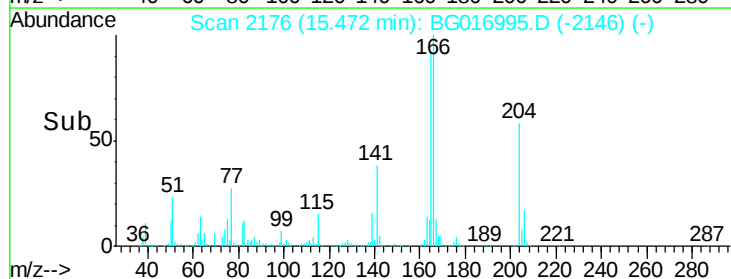
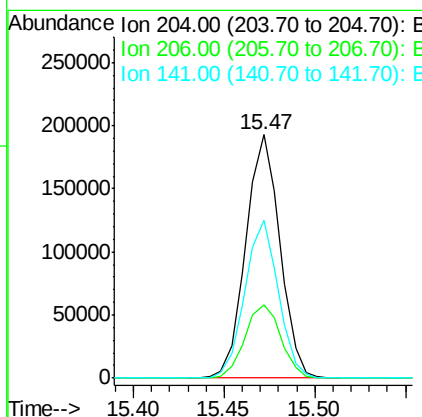
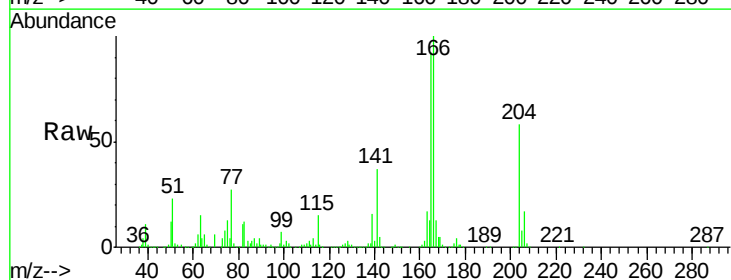
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

Tgt Ion:149 Resp: 538808
Ion Ratio Lower Upper
149 100
177 22.8 18.6 27.8
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 45.20 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:204 Resp: 251843
Ion Ratio Lower Upper
204 100
206 30.0 24.8 37.2
141 64.7 52.4 78.6

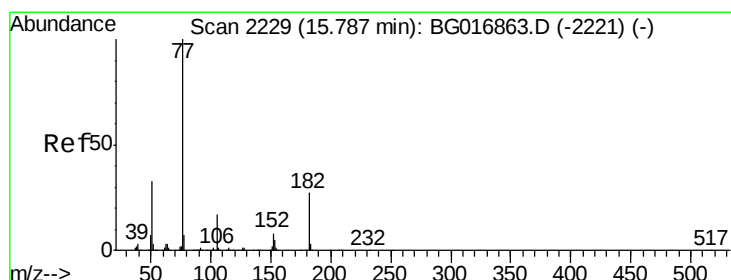
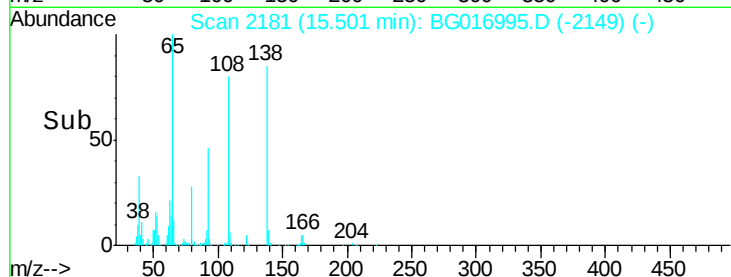
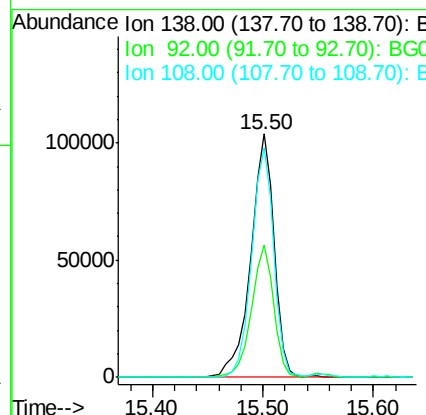
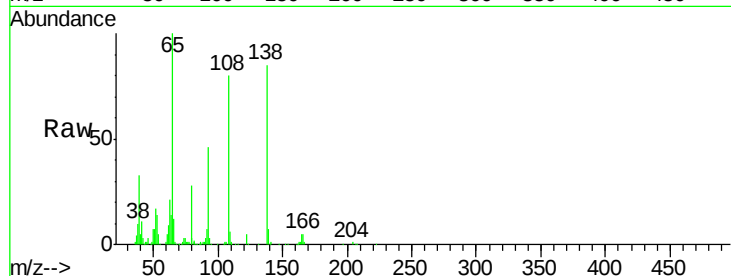




#61
4-Nitroaniline
Concen: 50.27 ng
RT: 15.50 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

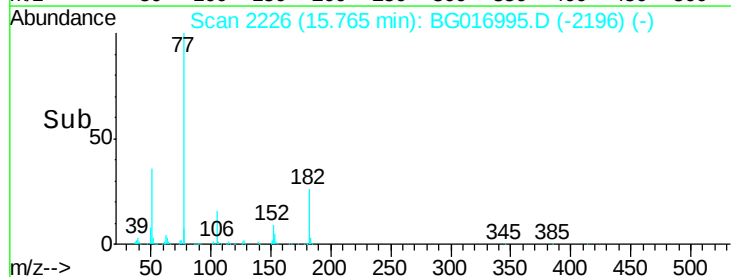
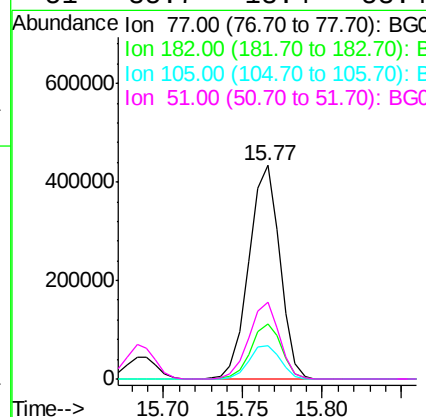
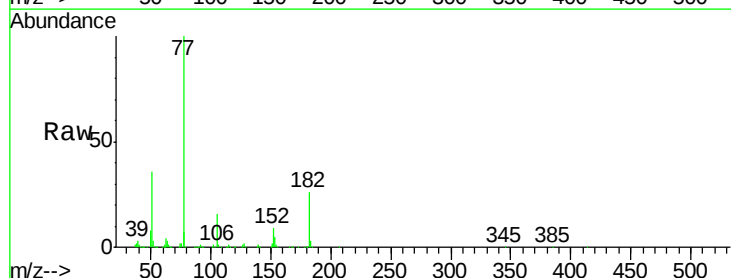
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

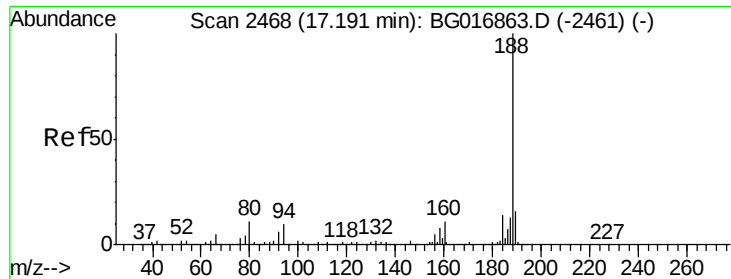
Tgt Ion: 138 Resp: 154262
Ion Ratio Lower Upper
138 100
92 54.2 31.8 71.8
108 94.5 70.6 110.6



#62
Azobenzene
Concen: 47.98 ng
RT: 15.77 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion: 77 Resp: 587878
Ion Ratio Lower Upper
77 100
182 26.0 7.4 47.4
105 15.7 0.0 36.6
51 35.7 13.4 53.4

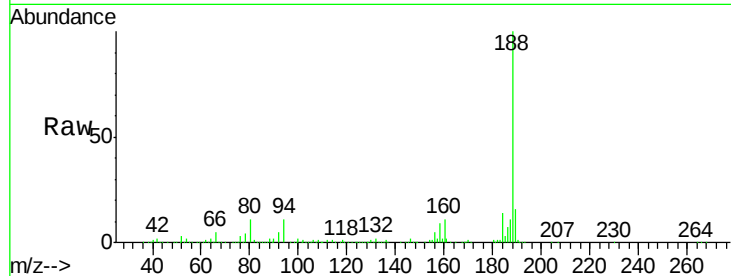




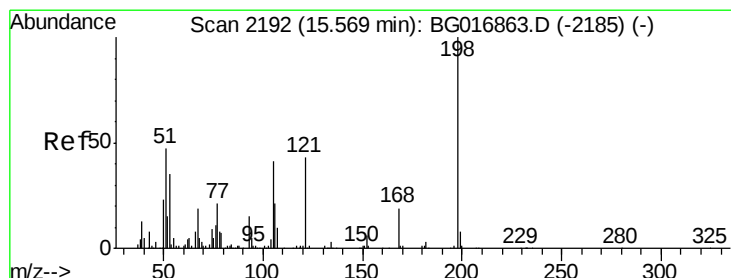
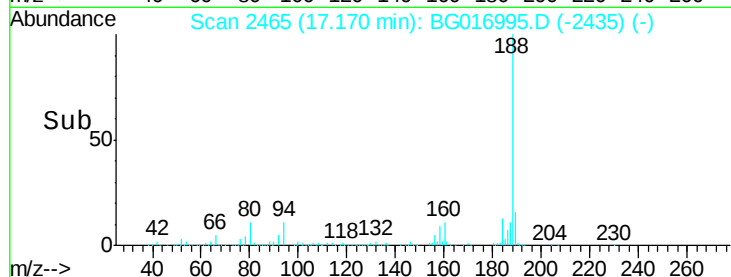
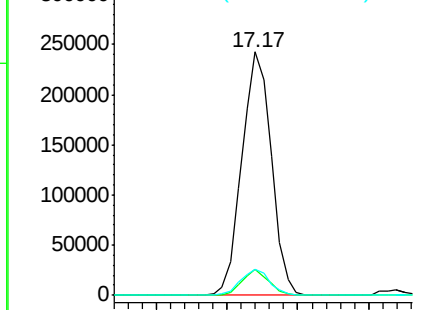
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion:188 Resp: 354697
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.2 12.4
 80 10.7 8.8 13.2

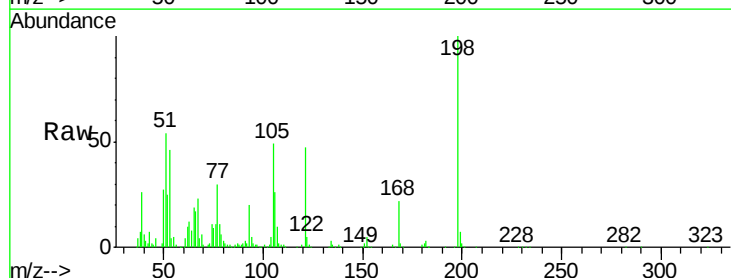


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

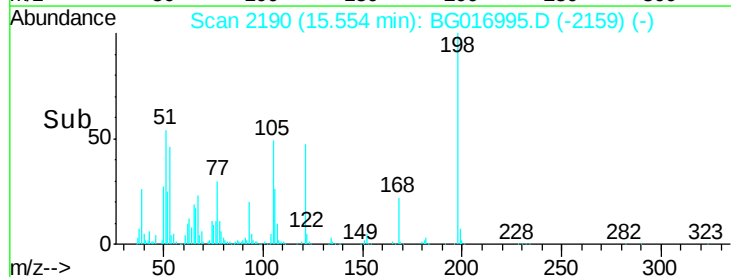
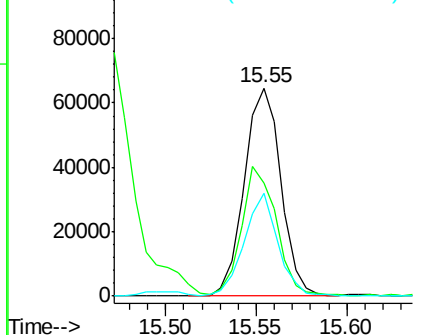


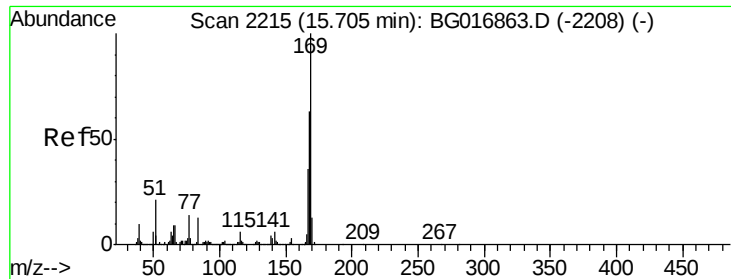
#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.61 ng
 RT: 15.55 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:198 Resp: 90767
 Ion Ratio Lower Upper
 198 100
 51 54.2 31.2 71.2
 105 49.3 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





#65

n-Nitrosodiphenylamine

Concen: 41.23 ng

RT: 15.69 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

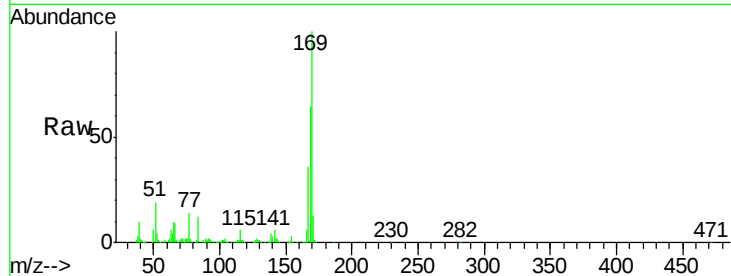
Tgt Ion:169 Resp: 446369

Ion Ratio Lower Upper

169 100

168 64.4 50.6 76.0

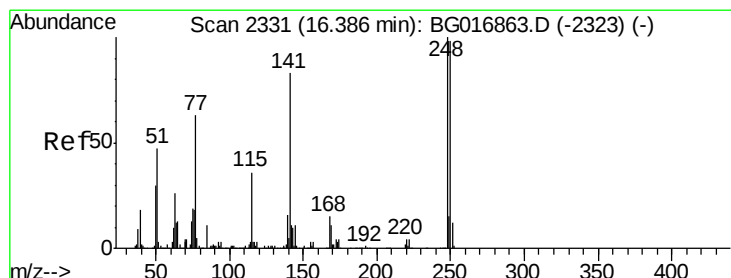
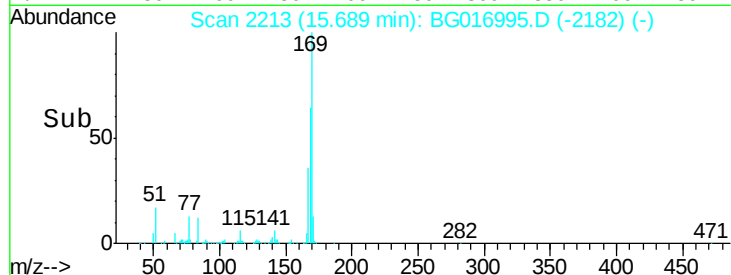
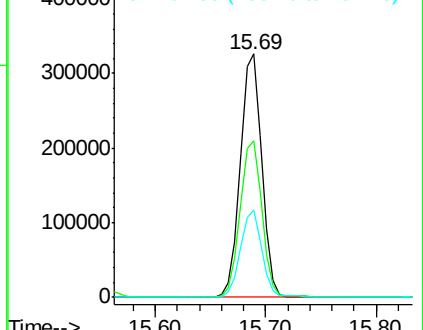
167 35.8 29.0 43.4



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: 42.87 ng

RT: 16.36 min Scan# 2328

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

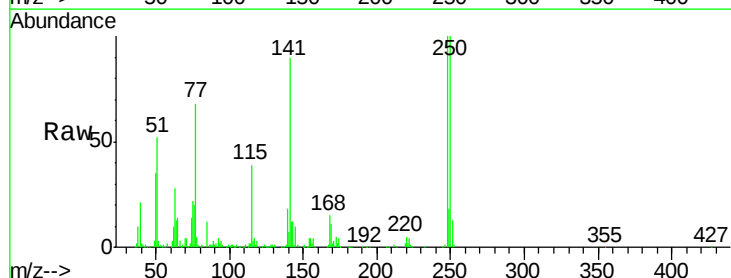
Tgt Ion:248 Resp: 152611

Ion Ratio Lower Upper

248 100

250 99.6 78.6 117.8

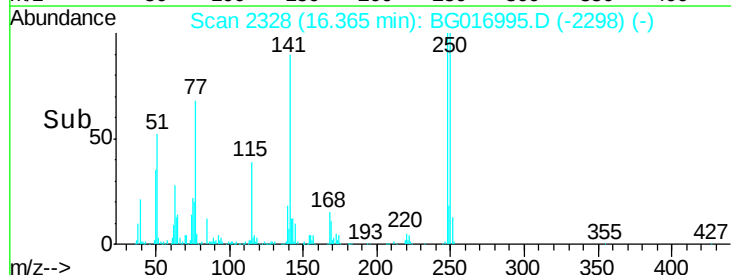
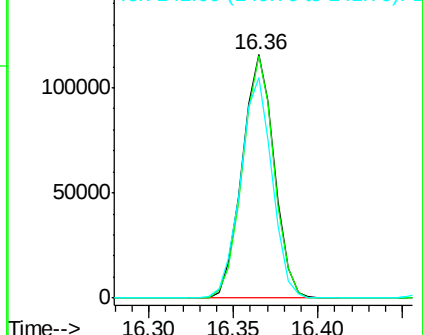
141 90.4 66.3 99.5

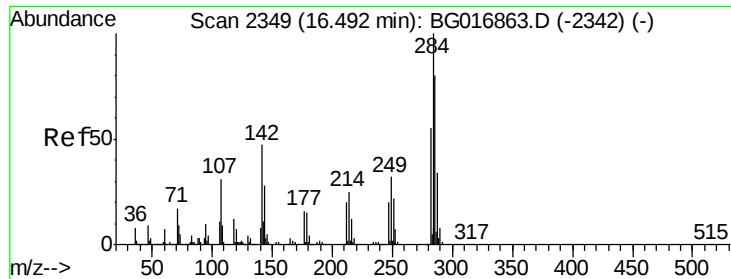


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

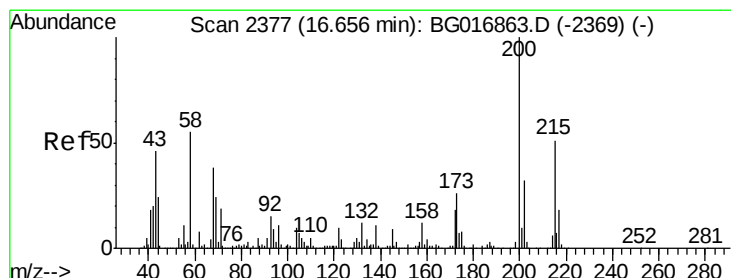
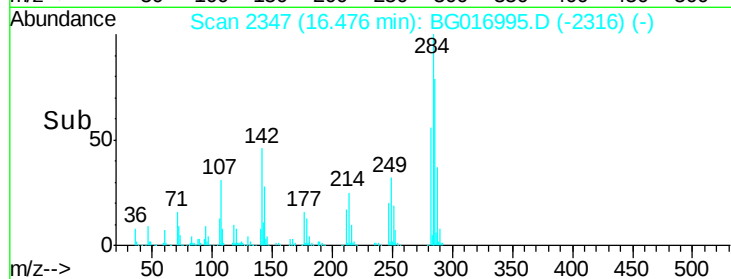
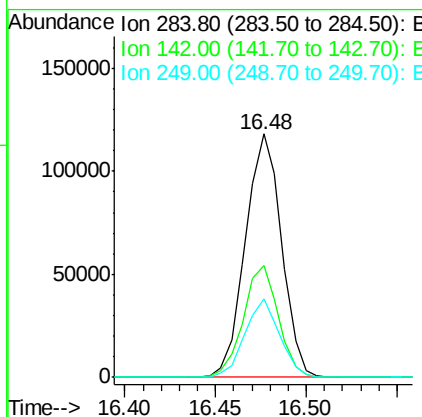
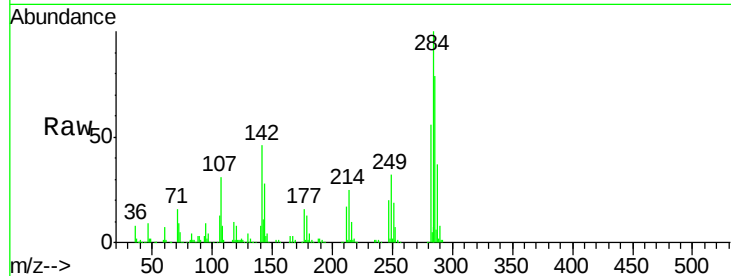




#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

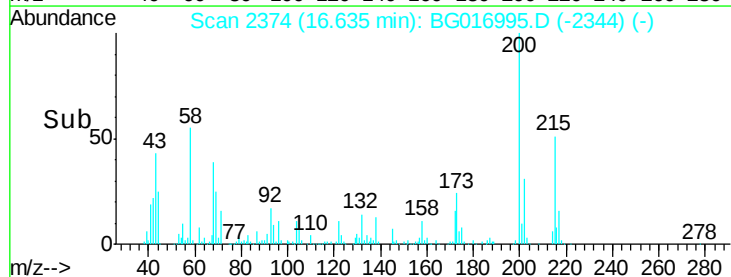
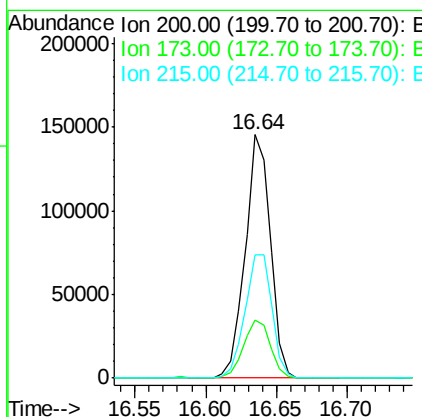
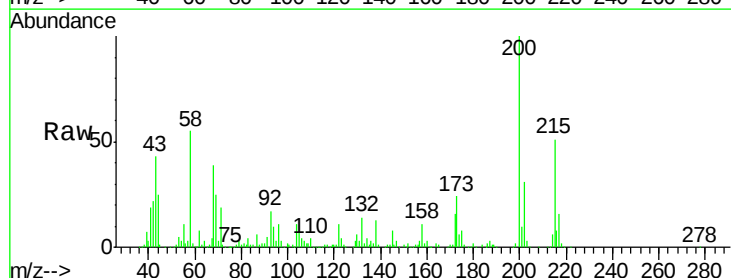
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

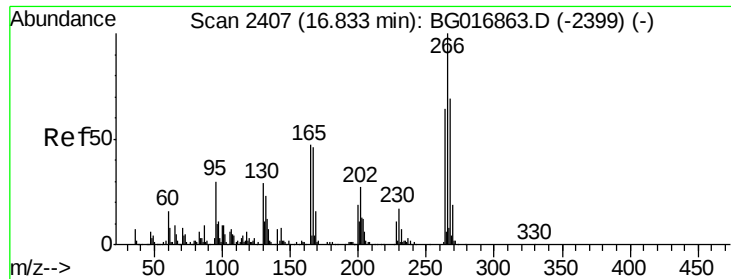
Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.2	37.4	56.0
249	32.3	25.5	38.3



#68
Atrazine
Concen: 46.59 ng
RT: 16.64 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	6.1	46.1
215	50.9	30.8	70.8

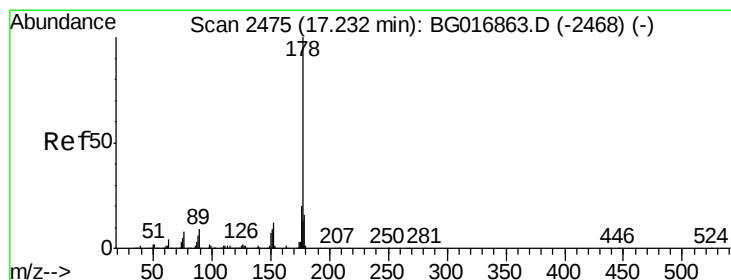
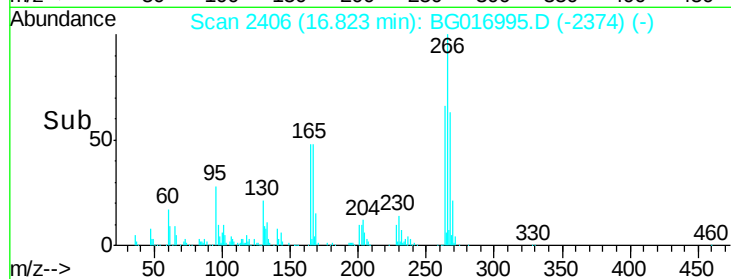
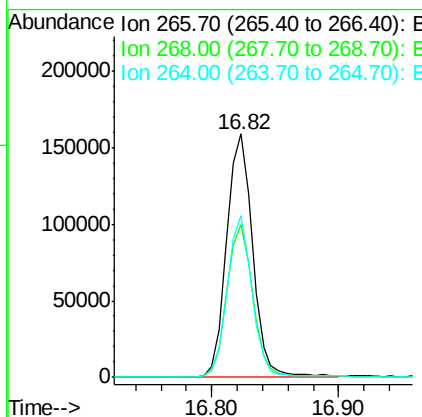
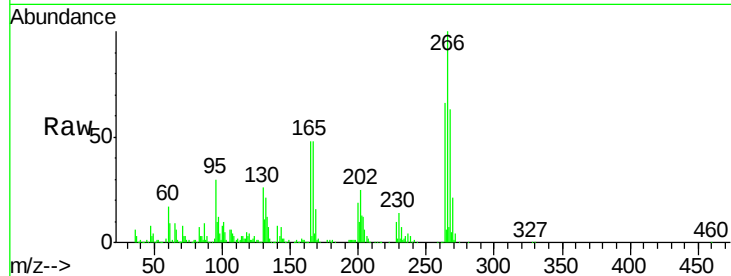




#69
 Pentachlorophenol
 Concen: 92.75 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

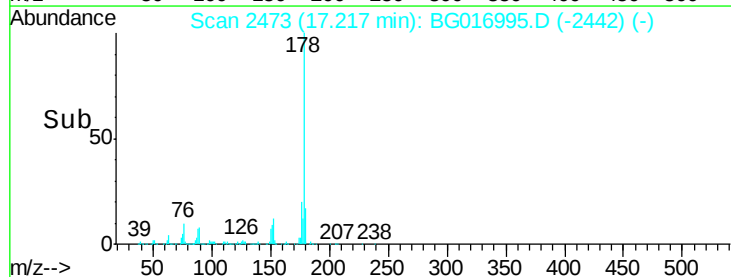
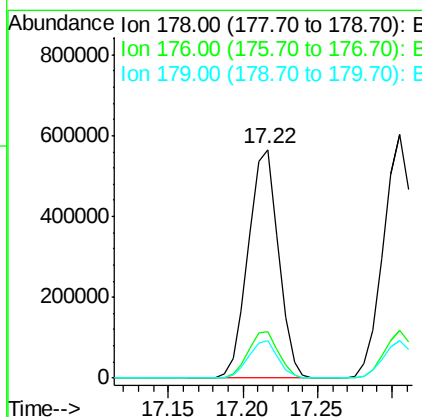
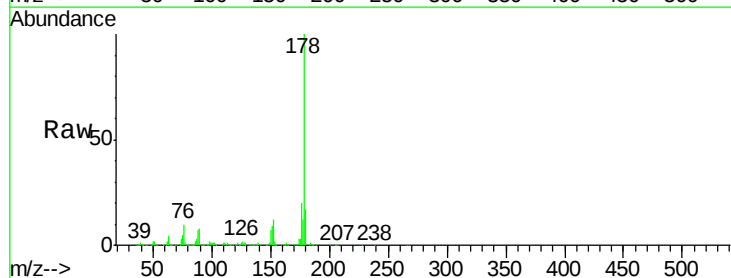
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

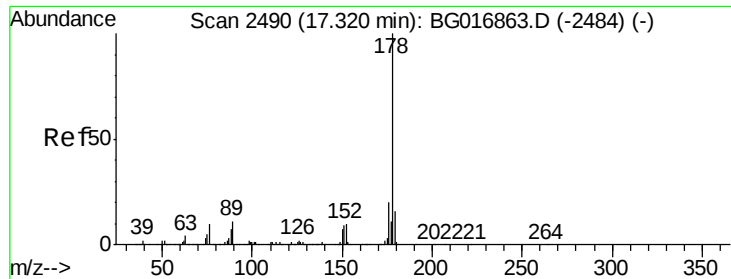
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	55.2	82.8
264	66.5	51.4	77.0



#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.6	13.0	19.6

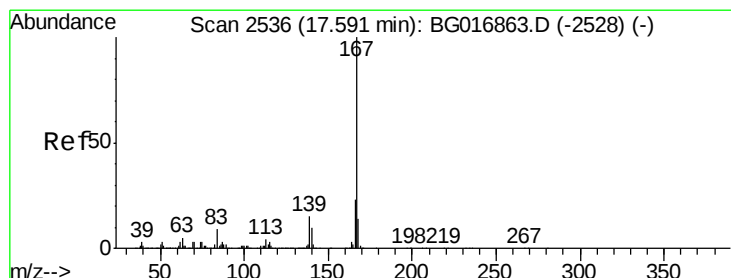
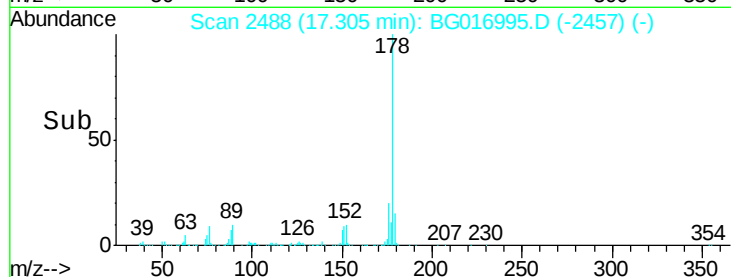
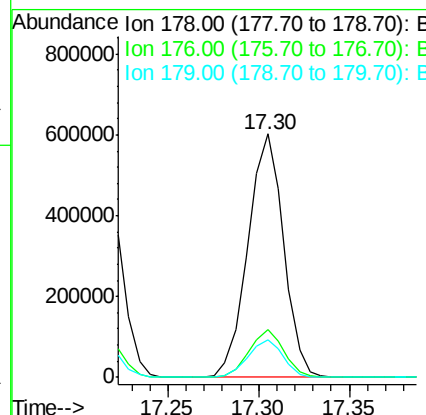
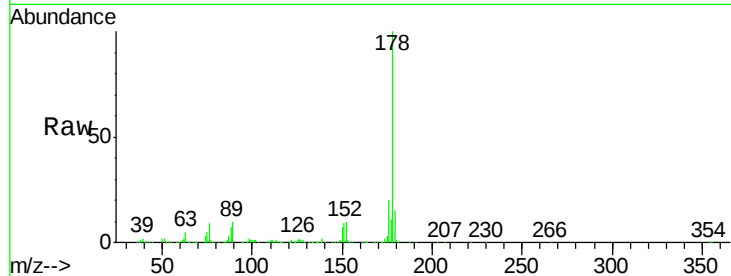




#71
 Anthracene
 Concen: 44.48 ng
 RT: 17.30 min Scan# 2488
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

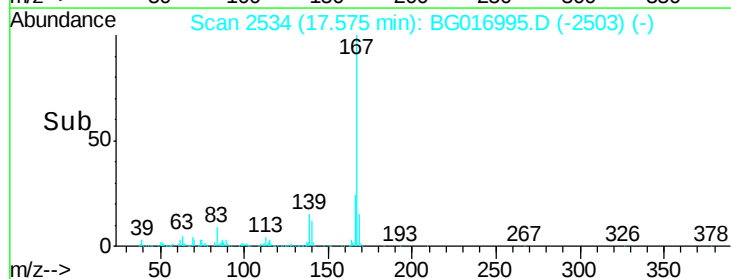
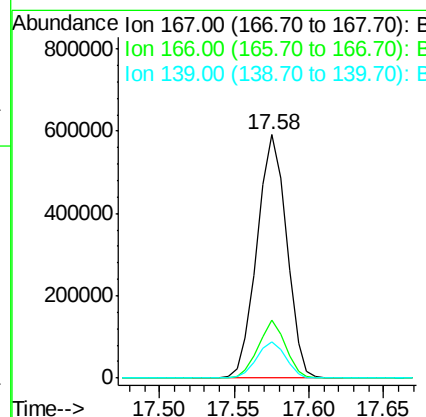
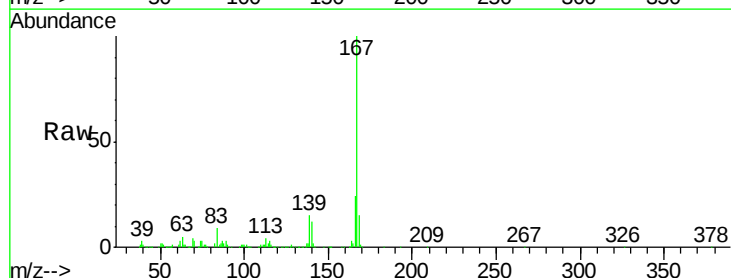
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

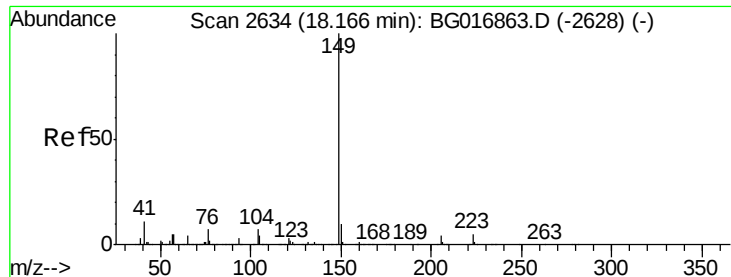
Tgt Ion:178 Resp: 819071
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.4 13.1 19.7



#72
 Carbazole
 Concen: 46.17 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion:167 Resp: 808325
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.4 27.6
 139 14.8 12.2 18.4

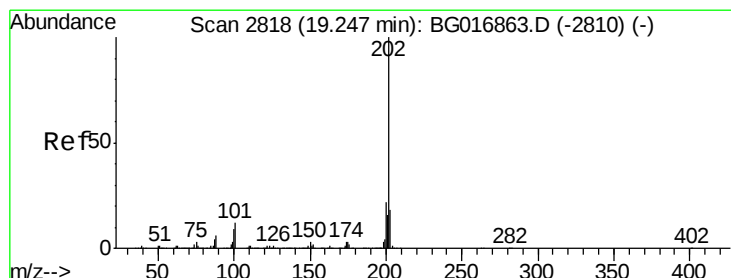
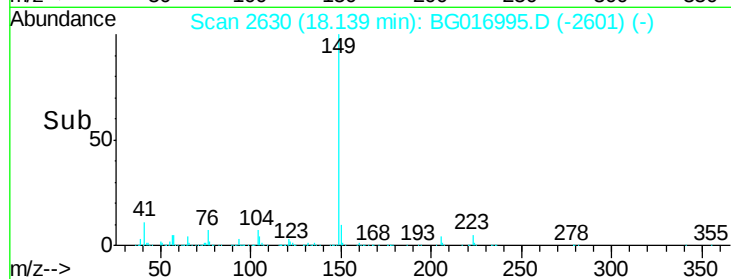
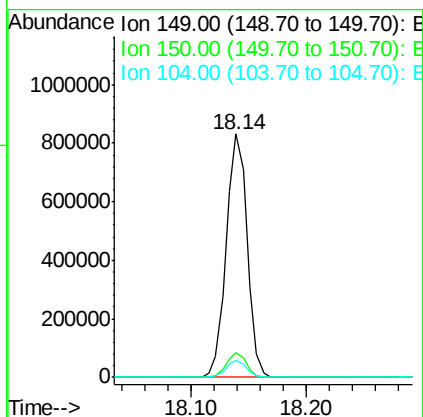
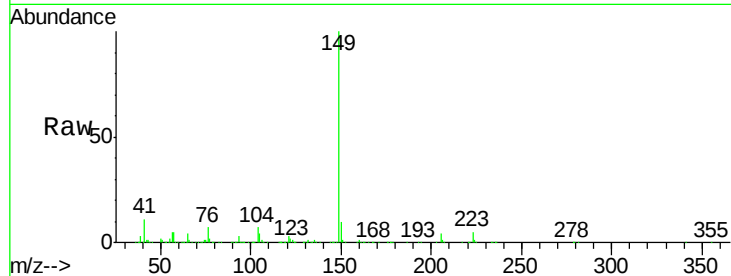




#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.14 min Scan# 2630
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

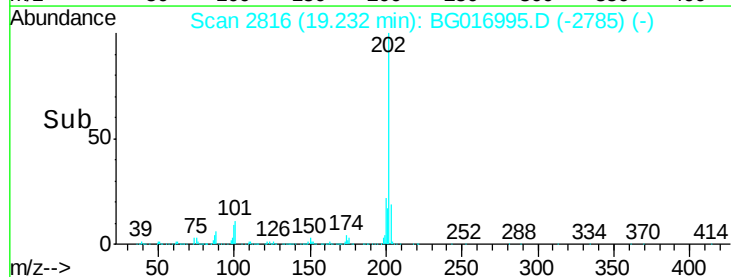
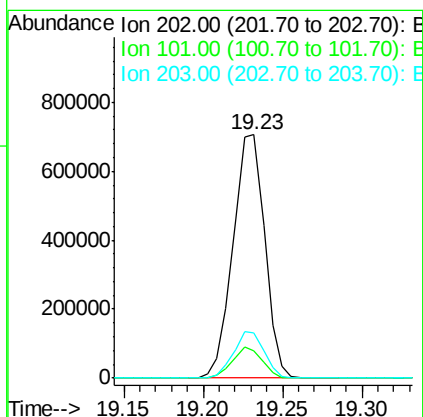
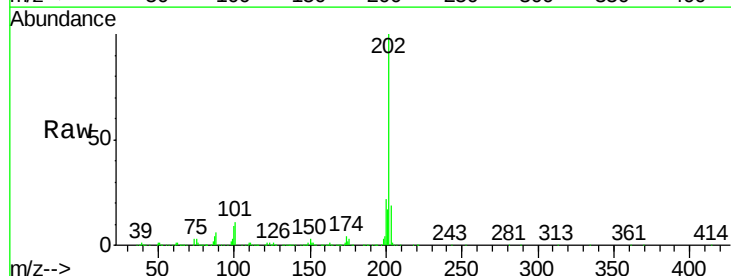
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

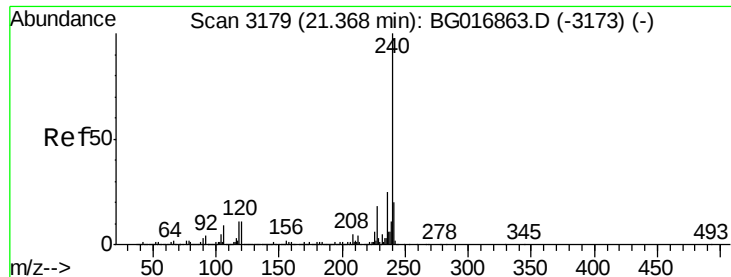
Tgt Ion:149 Resp: 1040597
Ion Ratio Lower Upper
149 100
150 10.0 7.7 11.5
104 7.0 5.4 8.0



#74
Fluoranthene
Concen: 46.34 ng
RT: 19.23 min Scan# 2816
Delta R.T. -0.02 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:202 Resp: 981385
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 18.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

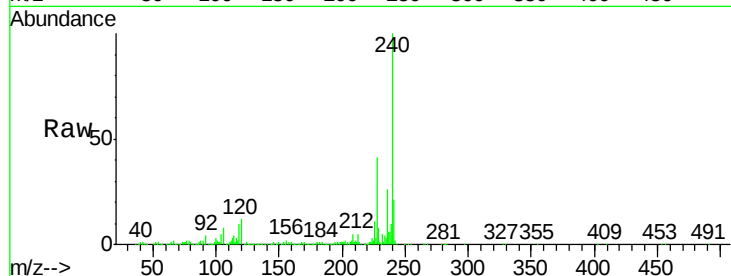
Tgt Ion:240 Resp: 370725

Ion Ratio Lower Upper

240 100

120 12.0 9.1 13.7

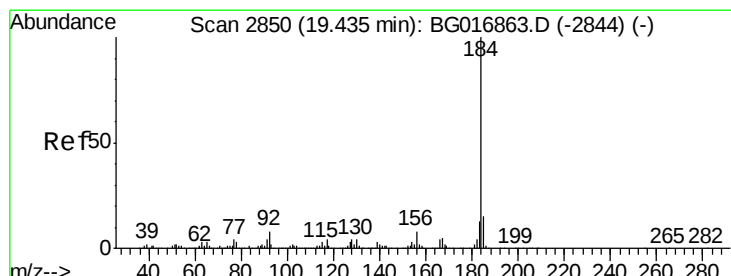
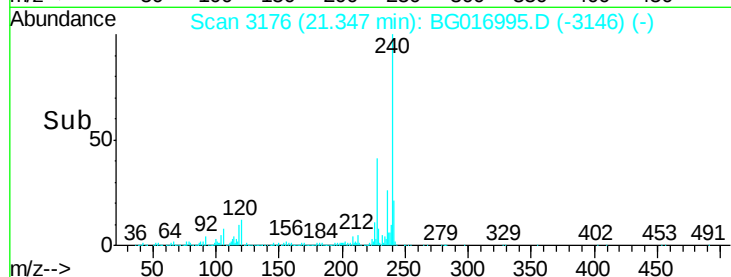
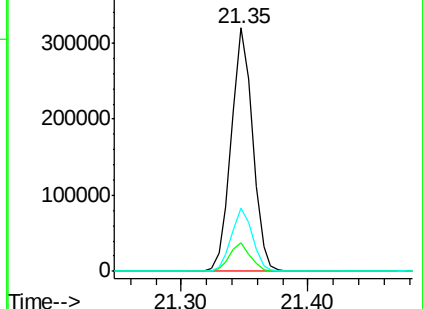
236 26.2 20.2 30.4



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: 23.82 ng

RT: 19.41 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

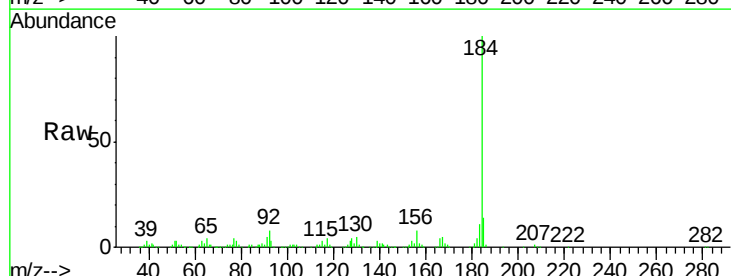
Tgt Ion:184 Resp: 299996

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

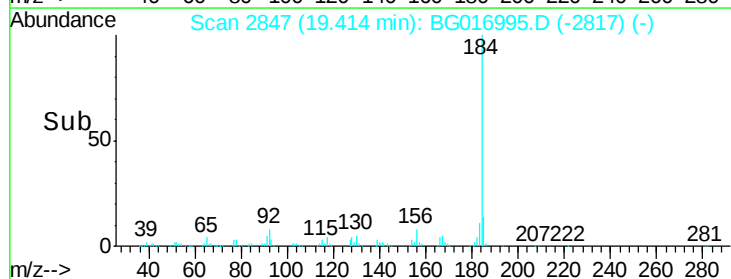
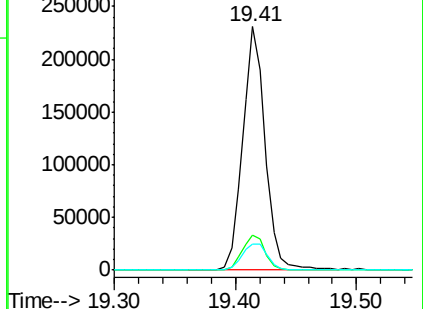
183 10.9 10.6 15.8

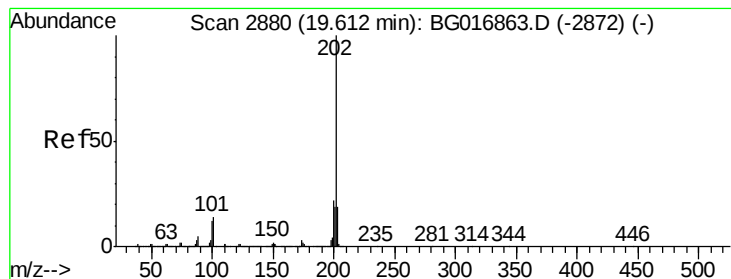


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.34 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

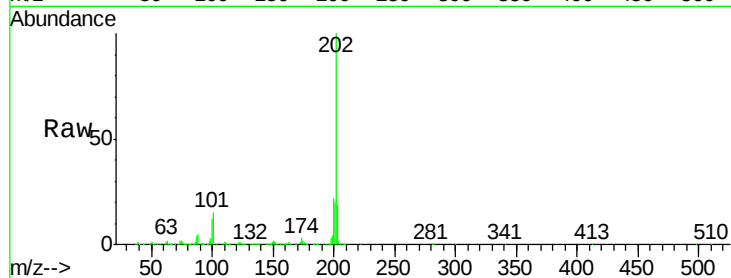
Tgt Ion:202 Resp: 1014011

Ion Ratio Lower Upper

202 100

200 22.4 17.9 26.9

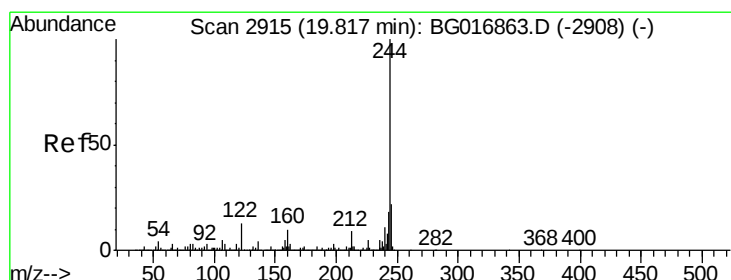
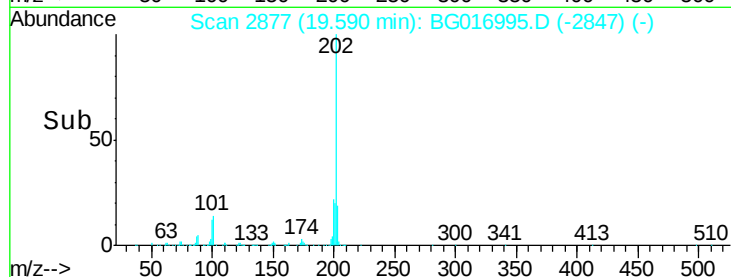
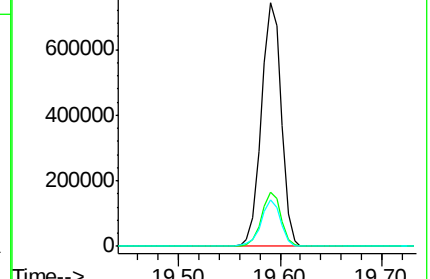
203 19.1 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 115.89 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

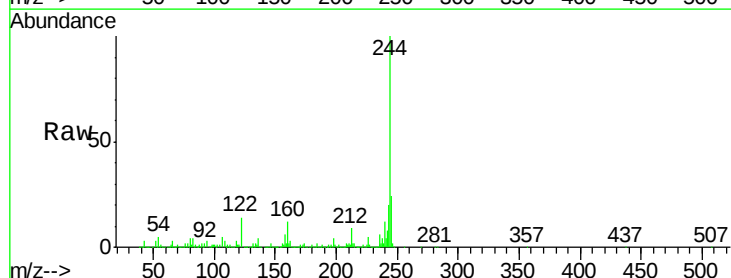
Tgt Ion:244 Resp: 1832766

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

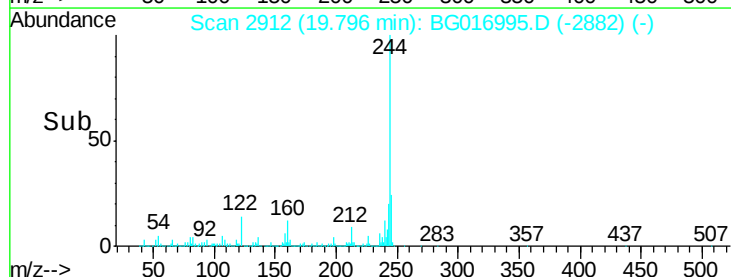
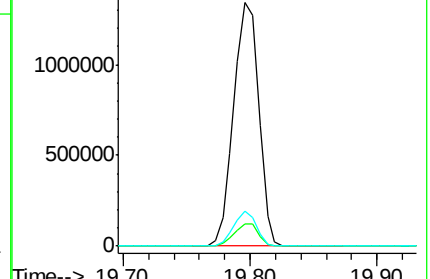
122 14.5 10.4 15.6

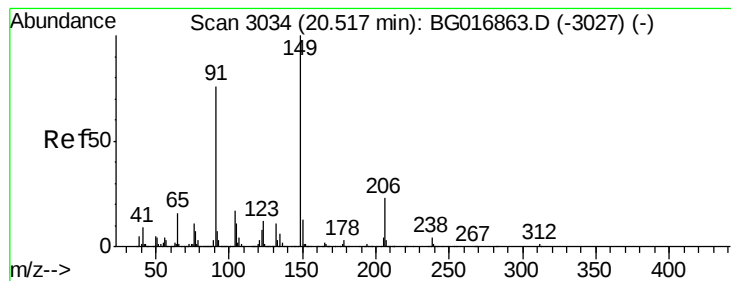


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.34 ng

RT: 20.49 min Scan# 3030

Delta R.T. -0.03 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

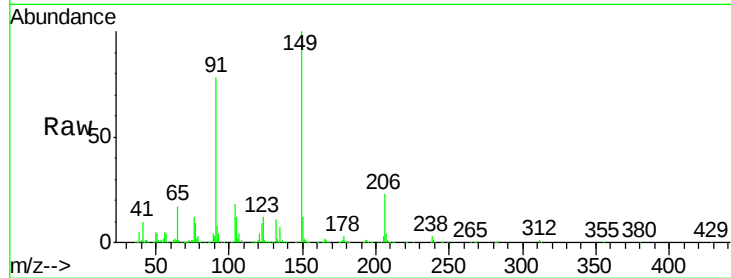
Tgt Ion:149 Resp: 481923

Ion Ratio Lower Upper

149 100

91 78.2 60.6 91.0

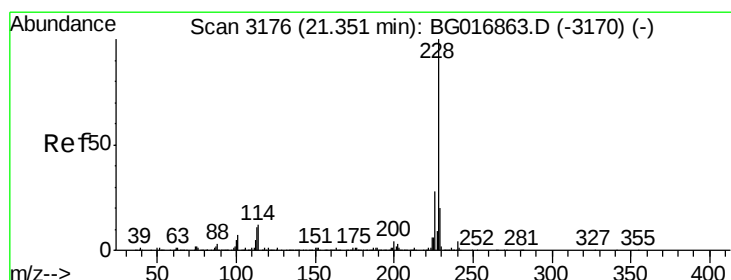
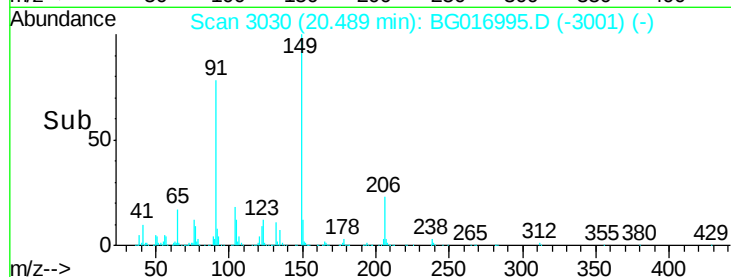
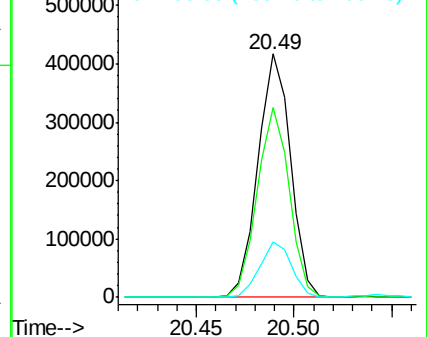
206 22.8 18.4 27.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.03 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

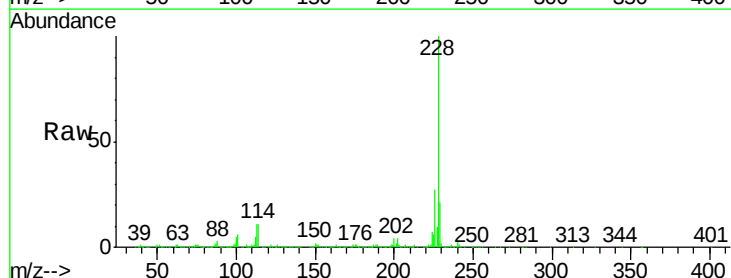
Tgt Ion:228 Resp: 915366

Ion Ratio Lower Upper

228 100

226 27.4 22.7 34.1

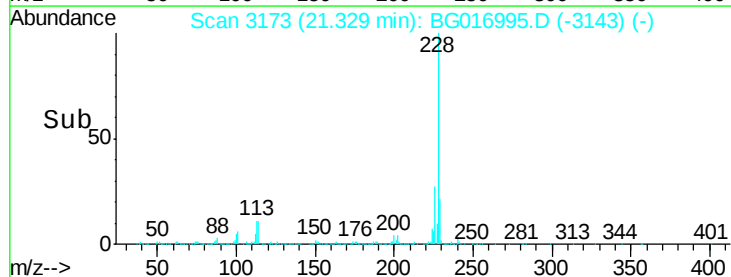
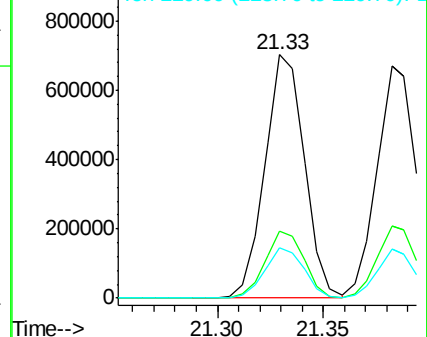
229 20.6 16.1 24.1

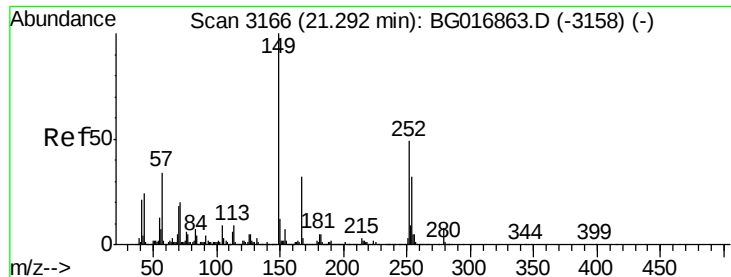


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

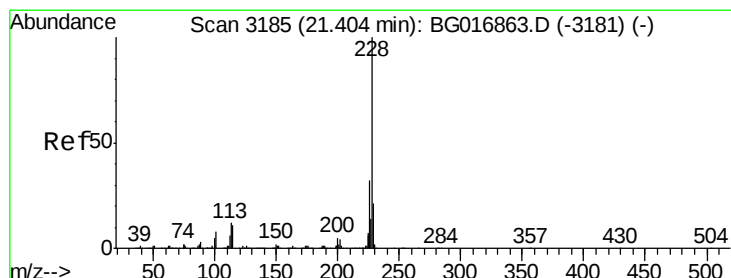
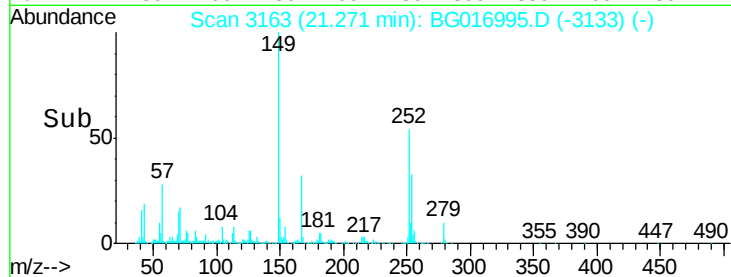
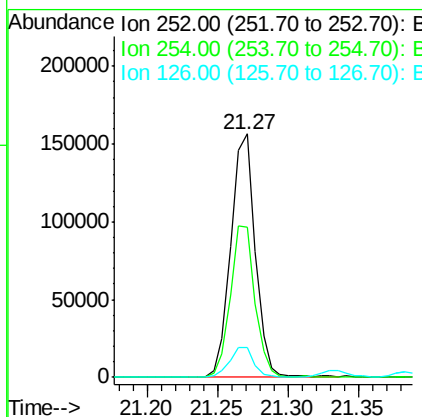
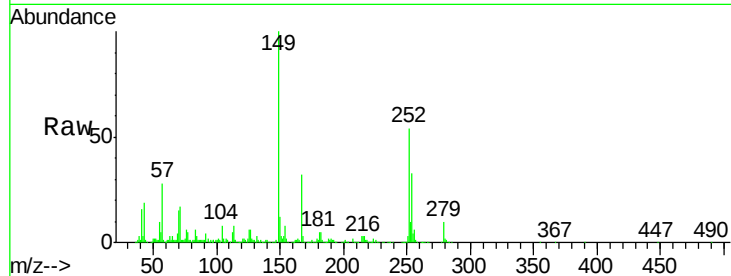




#81
 3,3'-Dichlorobenzidine
 Concen: 24.46 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

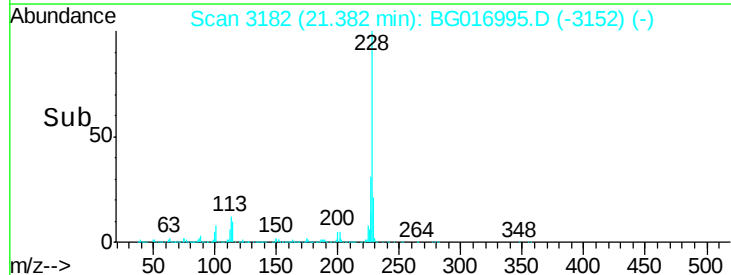
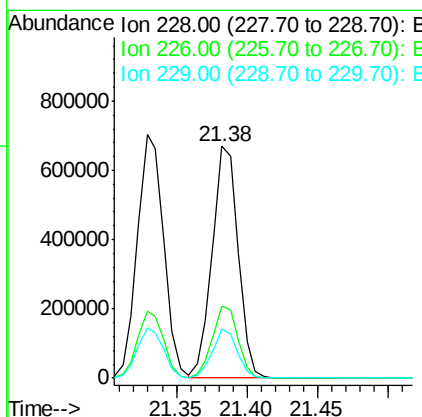
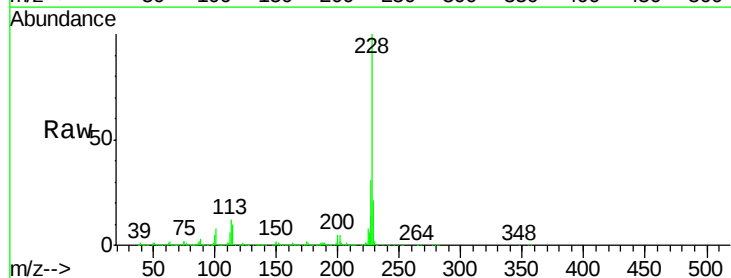
Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

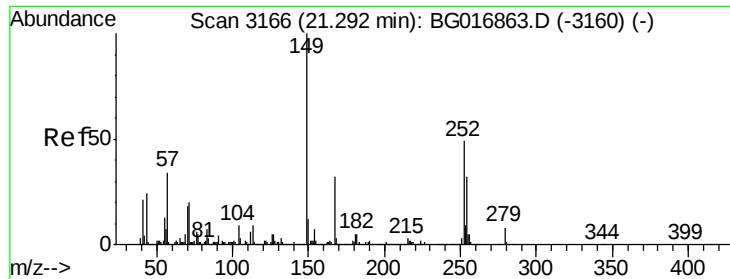
Tgt Ion: 252 Resp: 189977
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.7 77.5
 126 12.0 8.9 13.3



#82
 Chrysene
 Concen: 46.12 ng
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion: 228 Resp: 859190
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 21.4 16.5 24.7

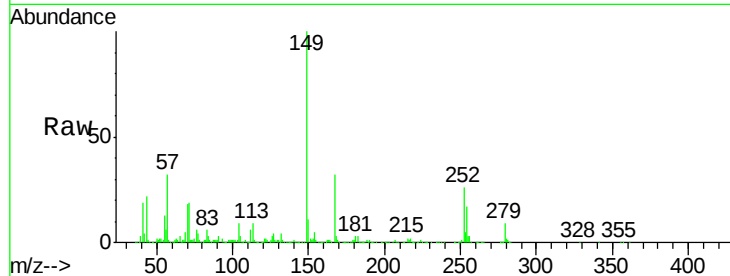




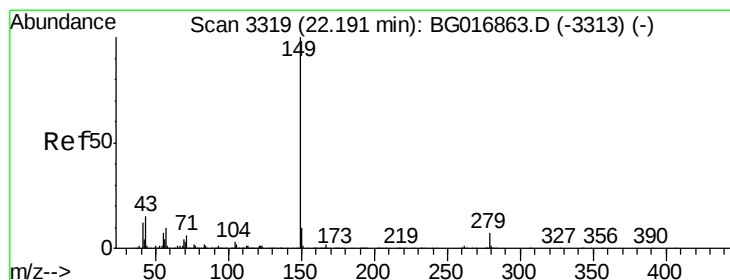
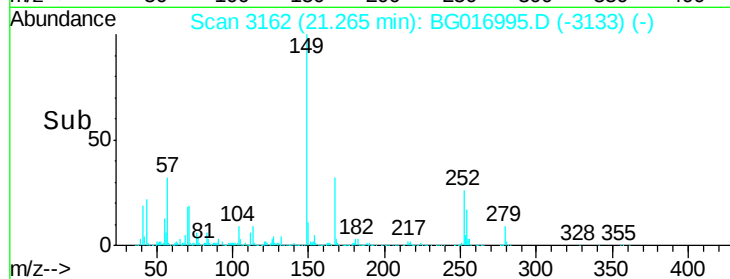
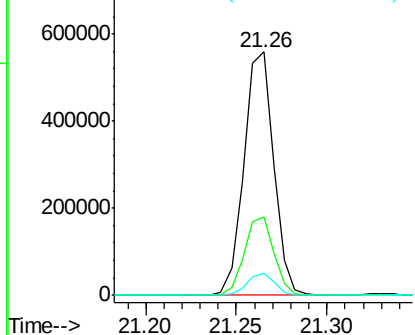
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.79 ng
 RT: 21.26 min Scan# 3162
 Delta R.T. -0.03 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 PB83287BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	25.4	38.0
279	9.2	6.4	9.6

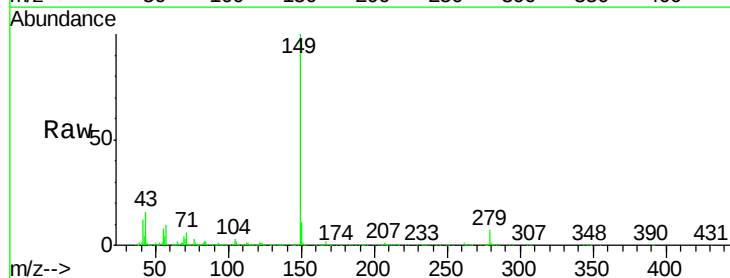


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

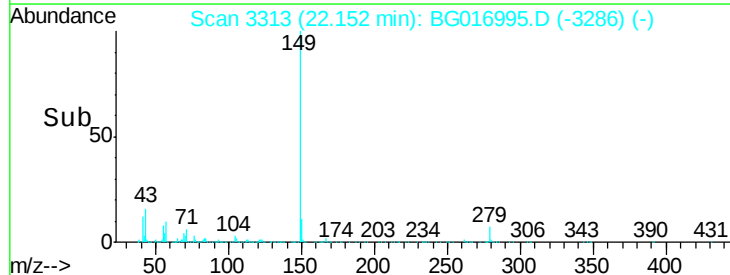
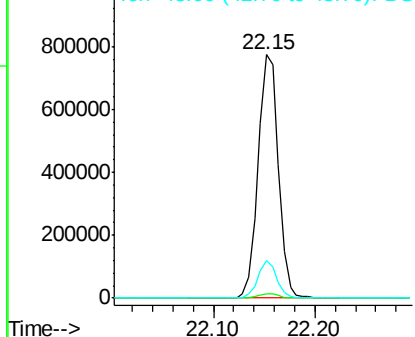


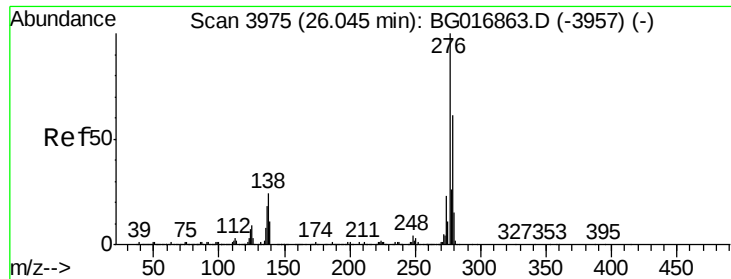
#84
 Di-n-octyl phthalate
 Concen: 44.83 ng
 RT: 22.15 min Scan# 3313
 Delta R.T. -0.04 min
 Lab File: BG016995.D
 Acq: 9 May 2015 18:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	0.0	0.0#
43	14.2	0.0	0.0#



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): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.65 ng

RT: 26.01 min Scan# 3969

Delta R.T. -0.04 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

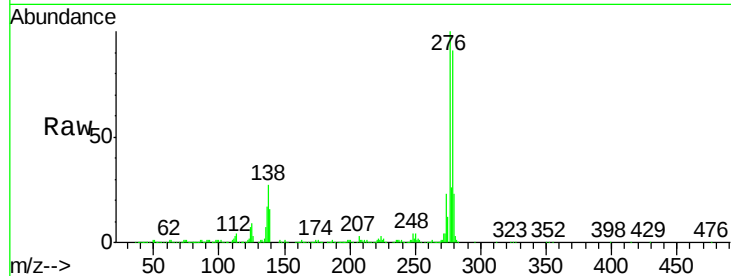
Tgt Ion:276 Resp: 1013340

Ion Ratio Lower Upper

276 100

138 25.9 0.0 0.0#

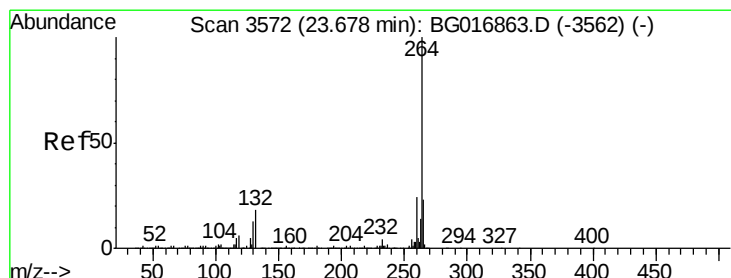
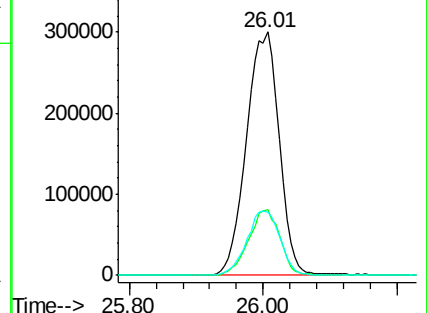
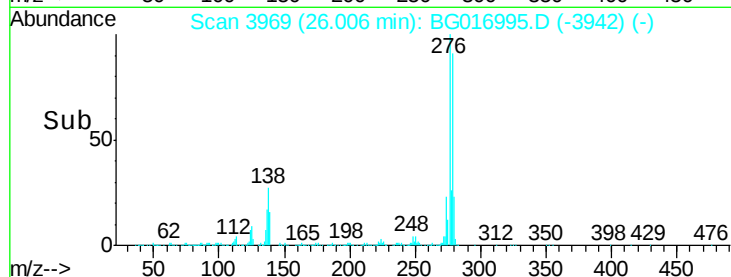
277 26.8 0.0 0.0#



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: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

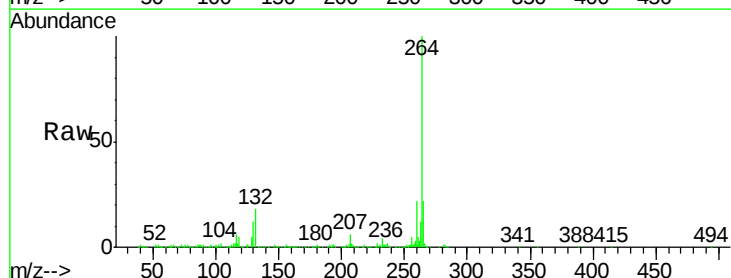
Tgt Ion:264 Resp: 365772

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

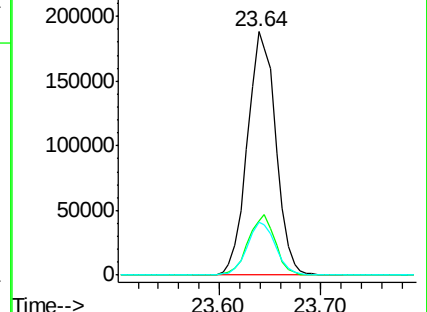
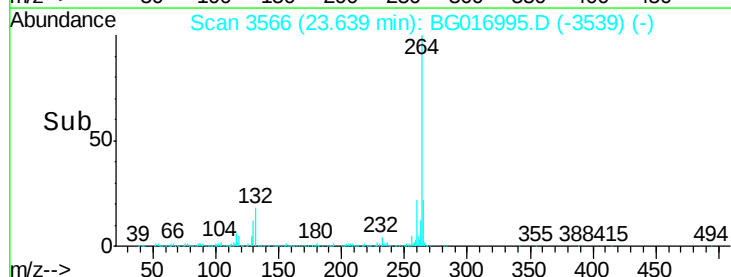
265 21.8 18.5 27.7

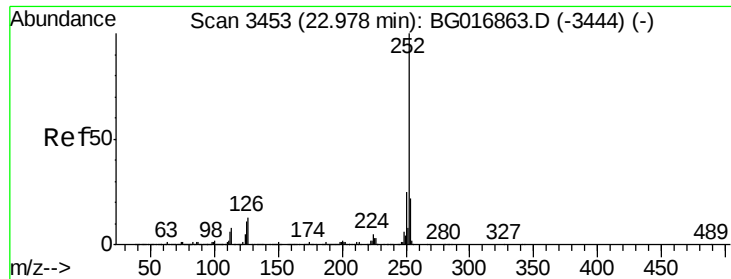


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

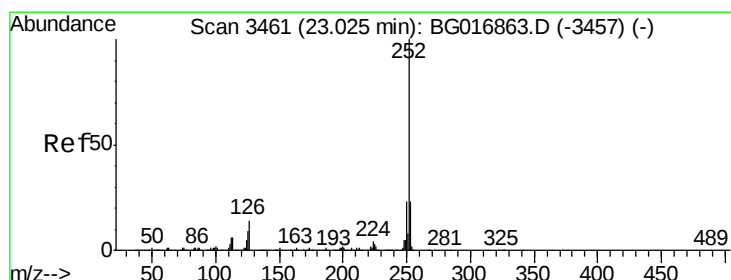
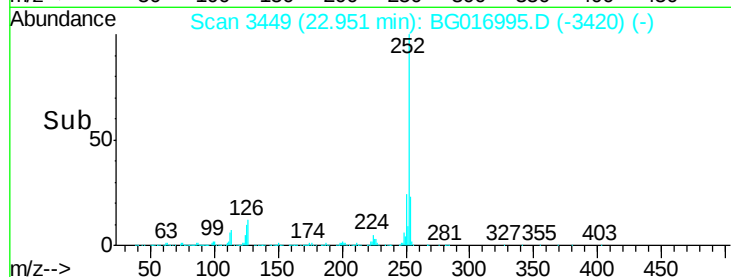
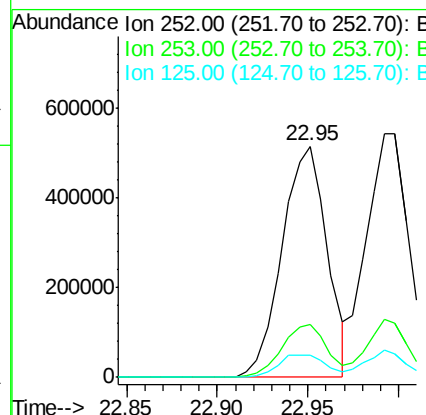
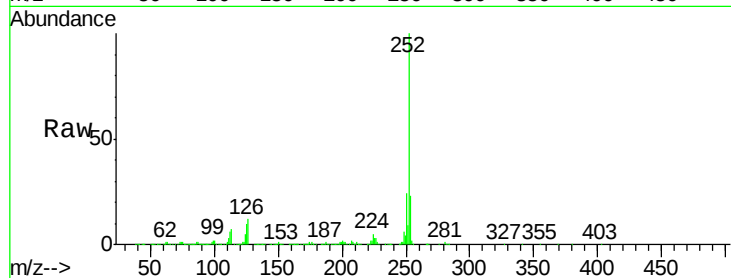




#87
Benzo(b)fluoranthene
Concen: 43.87 ng
RT: 22.95 min Scan# 3449
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

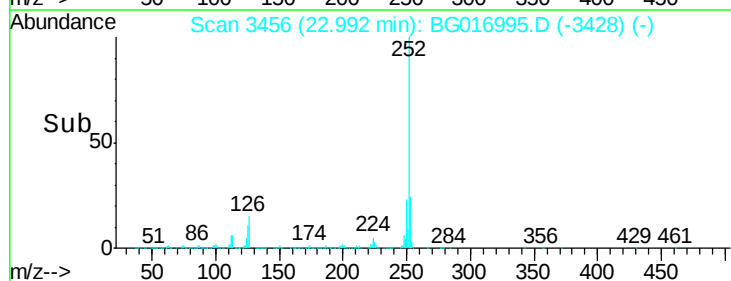
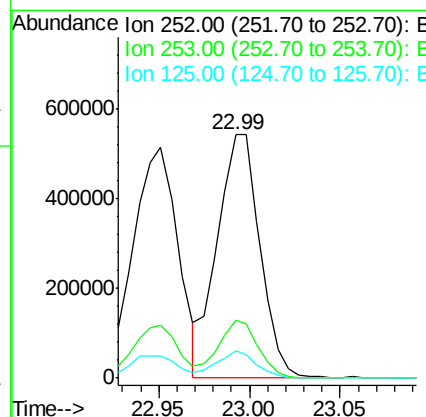
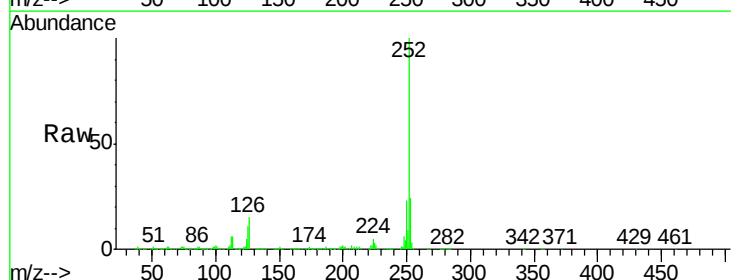
Instrument :
BNA_G
ClientSampleId :
PB83287BSD

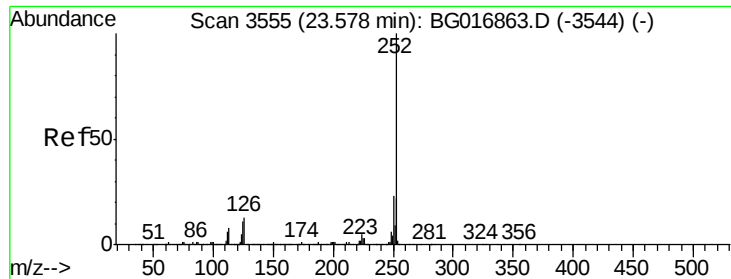
Tgt Ion:252 Resp: 893905
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 9.8 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 45.05 ng
RT: 22.99 min Scan# 3456
Delta R.T. -0.03 min
Lab File: BG016995.D
Acq: 9 May 2015 18:38

Tgt Ion:252 Resp: 883136
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 11.0 7.9 11.9





#89

Benzo(a)pyrene

Concen: 45.93 ng

RT: 23.54 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

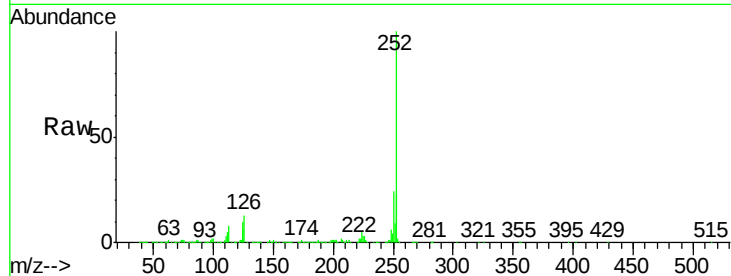
Tgt Ion:252 Resp: 872757

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

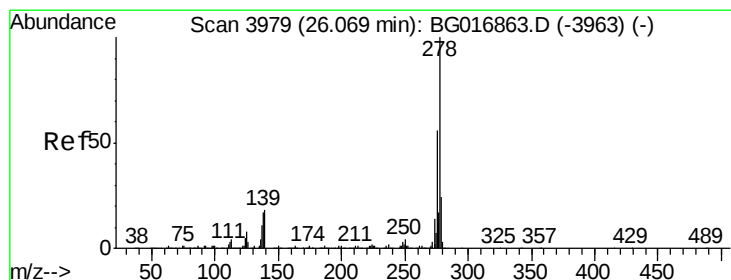
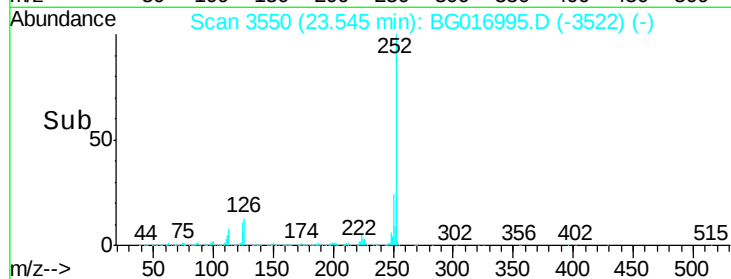
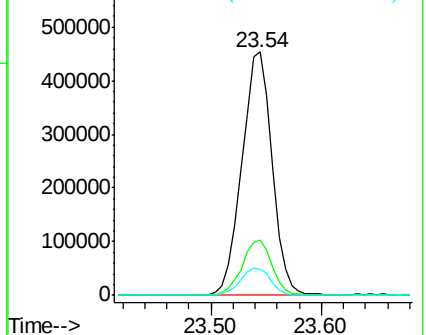
125 10.5 8.5 12.7



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: 44.91 ng

RT: 26.02 min Scan# 3971

Delta R.T. -0.05 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

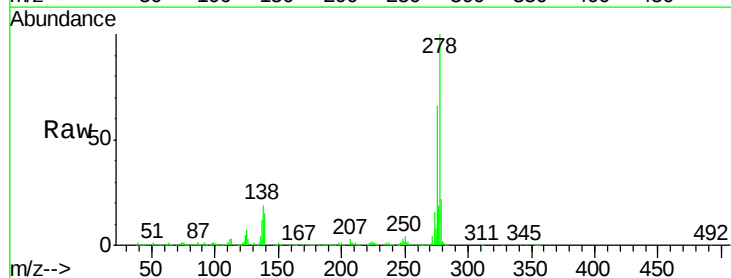
Tgt Ion:278 Resp: 871628

Ion Ratio Lower Upper

278 100

139 15.4 14.2 21.2

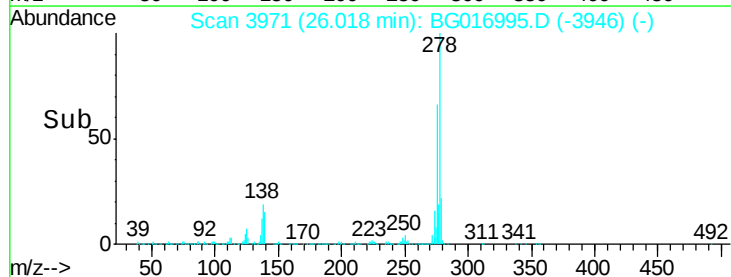
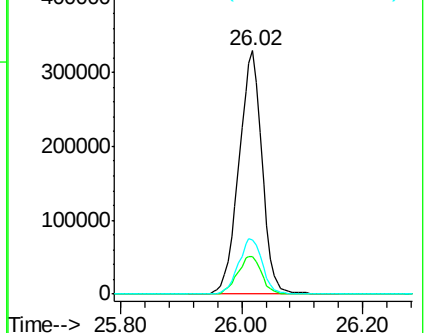
279 22.3 18.9 28.3

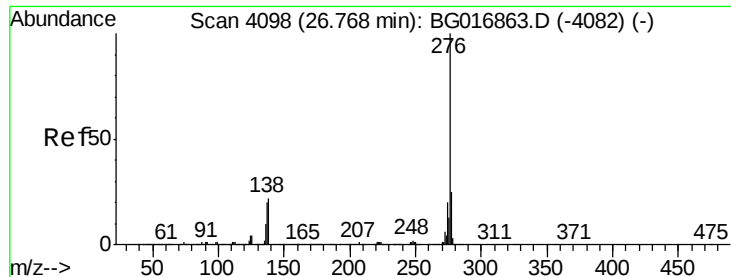


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.74 ng

RT: 26.72 min Scan# 4091

Delta R.T. -0.04 min

Lab File: BG016995.D

Acq: 9 May 2015 18:38

Instrument :

BNA_G

ClientSampleId :

PB83287BSD

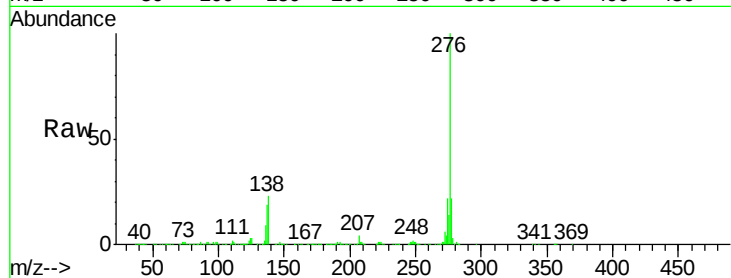
Tgt Ion: 276 Resp: 826879

Ion Ratio Lower Upper

276 100

277 22.5 19.6 29.4

138 22.5 17.5 26.3



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

