

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016151.D
 Acq On : 26 Mar 2015 21:32
 Operator : TP/IZ
 Sample : PB82338BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Quant Time: Mar 27 02:46:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51579	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	220604	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	134251	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	292857	20.00	ng	0.00
75) Chrysene-d12	21.33	240	337974	20.00	ng	0.00
86) Perylene-d12	23.61	264	323189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	398382	129.27	ng	0.00
7) Phenol-d6	6.96	99	542662	126.50	ng	0.00
23) Nitrobenzene-d5	8.95	82	275696	77.49	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	201524	130.72	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	676729	84.38	ng	0.00
78) Terphenyl-d14	19.78	244	1101203	82.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	39490	31.73	ng	94
3) Pyridine	3.69	79	121517	31.23	ng	94
4) n-Nitrosodimethylamine	3.61	42	39686	34.67	ng	98
6) Aniline	7.12	93	153426	25.07	ng	97
8) 2-Chlorophenol	7.36	128	151194	41.35	ng	98
9) Benzaldehyde	6.94	77	6524	3.64	ng	92
10) Phenol	6.99	94	195535	41.48	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	137744	36.03	ng	98
12) 1,3-Dichlorobenzene	7.68	146	145494	36.82	ng	99
13) 1,4-Dichlorobenzene	7.83	146	147469	35.97	ng	98
14) 1,2-Dichlorobenzene	8.14	146	143321	36.98	ng	100
15) Benzyl Alcohol	8.03	79	112911	35.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	139473	32.46	ng	98
17) 2-Methylphenol	8.23	107	128539	38.66	ng	99
18) Hexachloroethane	8.87	117	52077	35.44	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	100865	32.10	ng	98
20) 3+4-Methylphenols	8.56	107	172623	38.28	ng	97
22) Acetophenone	8.61	105	192937	38.88	ng	99
24) Nitrobenzene	8.99	77	141570	36.95	ng	96
25) Isophorone	9.51	82	280528	34.75	ng	100
26) 2-Nitrophenol	9.70	139	80551	38.82	ng	97
27) 2,4-Dimethylphenol	9.75	122	146904	42.22	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	180350	38.91	ng	99
29) 2,4-Dichlorophenol	10.22	162	135068	44.15	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	128227	38.93	ng	99
31) Naphthalene	10.63	128	441315	37.33	ng	100
32) Benzoic acid	9.88	122	78030	35.42	ng	94
33) 4-Chloroaniline	10.74	127	77740	15.02	ng	99
34) Hexachlorobutadiene	10.91	225	66980	37.37	ng	100
35) Caprolactam	11.50	113	35462	21.35	ng	86
36) 4-Chloro-3-methylphenol	11.86	107	146493	40.59	ng	99
37) 2-Methylnaphthalene	12.24	142	330563	39.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	139233	41.18	ng	99
40) Hexachlorocyclopentadiene	12.59	237	168809	85.39	ng	98

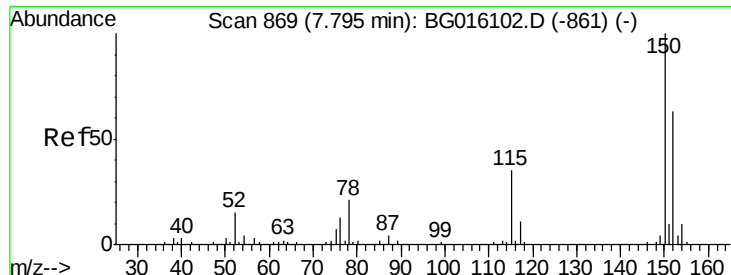
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016151.D
 Acq On : 26 Mar 2015 21:32
 Operator : TP/IZ
 Sample : PB82338BS
 Misc :
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Quant Time: Mar 27 02:46:39 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	100558	41.63	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	110246	41.85	ng	96
45) 1,1'-Biphenyl	13.25	154	397918	40.42	ng	99
46) 2-Chloronaphthalene	13.29	162	303912	39.58	ng	99
47) 2-Nitroaniline	13.50	65	84827	38.46	ng	97
48) Acenaphthylene	14.14	152	532823	37.97	ng	99
49) Dimethylphthalate	13.88	163	378849	40.24	ng	99
50) 2,6-Dinitrotoluene	14.00	165	92824	41.58	ng	98
51) Acenaphthene	14.48	154	323682	38.24	ng	99
52) 3-Nitroaniline	14.32	138	72582	26.55	ng	95
53) 2,4-Dinitrophenol	14.53	184	92085	68.10	ng	95
54) Dibenzofuran	14.81	168	483775	40.91	ng	100
55) 4-Nitrophenol	14.64	139	194619	87.88	ng	98
56) 2,4-Dinitrotoluene	14.78	165	129905	42.46	ng	96
57) Fluorene	15.46	166	413768	39.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	100256	42.70	ng	98
59) Diethylphthalate	15.24	149	389736	40.26	ng	100
60) 4-Chlorophenyl-phenylether	15.46	204	187628	40.42	ng	98
61) 4-Nitroaniline	15.49	138	125392	40.53	ng	96
62) Azobenzene	15.75	77	385033	38.61	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	72523	37.26	ng	97
65) n-Nitrosodiphenylamine	15.67	169	364924	39.08	ng	100
66) 4-Bromophenyl-phenylether	16.35	248	118673	39.49	ng	94
67) Hexachlorobenzene	16.46	284	133940	39.66	ng	98
68) Atrazine	16.62	200	126286	45.45	ng	99
69) Pentachlorophenol	16.80	266	170445	88.50	ng	99
70) Phenanthrene	17.20	178	656609	39.96	ng	99
71) Anthracene	17.29	178	661037	40.45	ng	100
72) Carbazole	17.56	167	673106	41.96	ng	99
73) Di-n-butylphthalate	18.12	149	762294	42.03	ng	100
74) Fluoranthene	19.21	202	781915	42.72	ng	98
76) Benzidine	19.39	184	302279	34.13	ng	99
77) Pyrene	19.57	202	816455	39.19	ng	99
79) Butylbenzylphthalate	20.47	149	354845	40.82	ng	96
80) Benzo(a)anthracene	21.31	228	749476	39.10	ng	99
81) 3,3'-Dichlorobenzidine	21.24	252	162650	24.41	ng	99
82) Chrysene	21.36	228	709956	40.43	ng	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	480234	40.23	ng	98
84) Di-n-octyl phthalate	22.13	149	792559	39.38	ng	98
85) Indeno(1,2,3-cd)pyrene	25.96	276	854163	37.83	ng	99
87) Benzo(b)fluoranthene	22.92	252	742723	39.71	ng	99
88) Benzo(k)fluoranthene	22.97	252	720172	39.53	ng	99
89) Benzo(a)pyrene	23.51	252	707304	40.56	ng	99
90) Dibenzo(a,h)anthracene	25.96	278	712885	39.23	ng	99
91) Benzo(g,h,i)perylene	26.67	276	705391	39.16	ng	98

(#) = 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. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

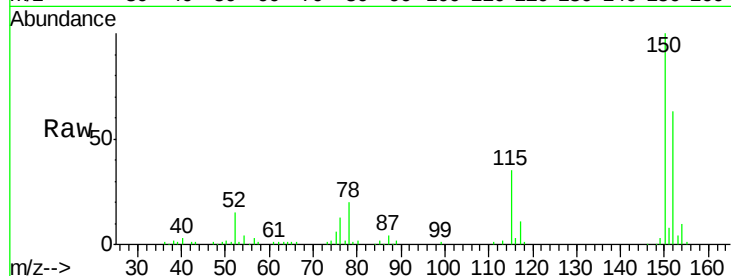
Tgt Ion:152 Resp: 51579

Ion Ratio Lower Upper

152 100

150 159.3 126.1 189.1

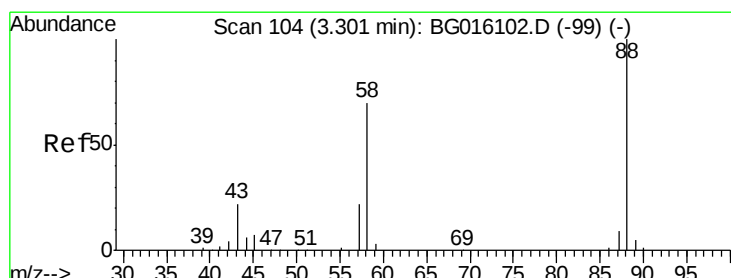
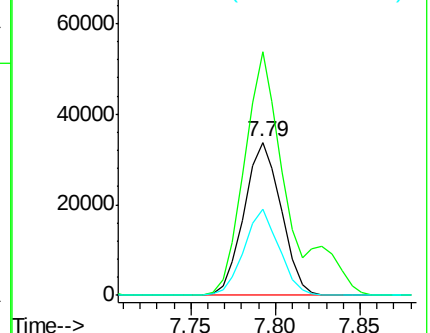
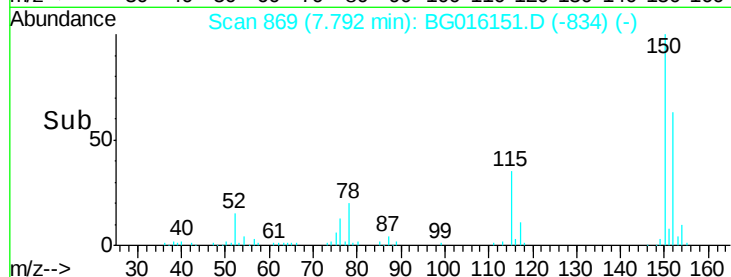
115 56.2 43.7 65.5



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: 31.73 ng

RT: 3.30 min Scan# 104

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

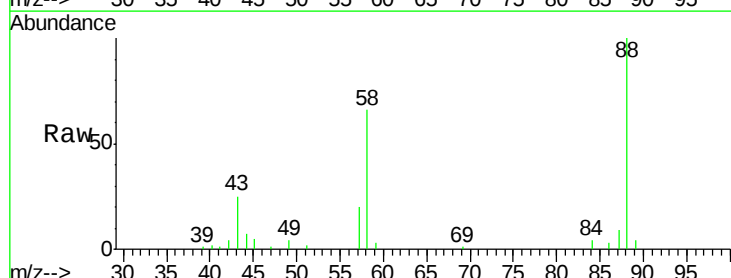
Tgt Ion: 88 Resp: 39490

Ion Ratio Lower Upper

88 100

58 63.7 54.2 81.4

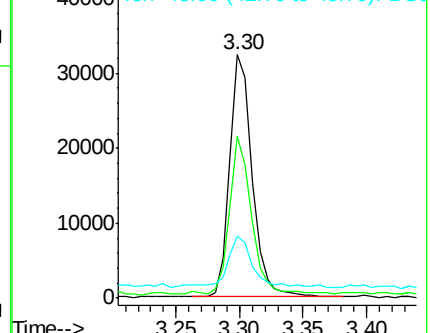
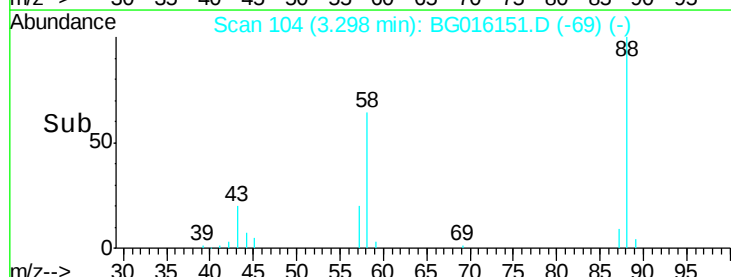
43 25.4 17.4 26.2

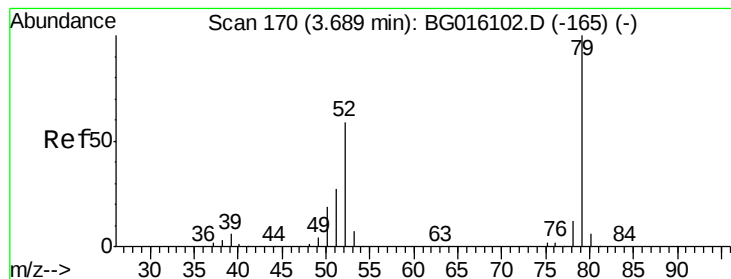


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.23 ng

RT: 3.69 min Scan# 171

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

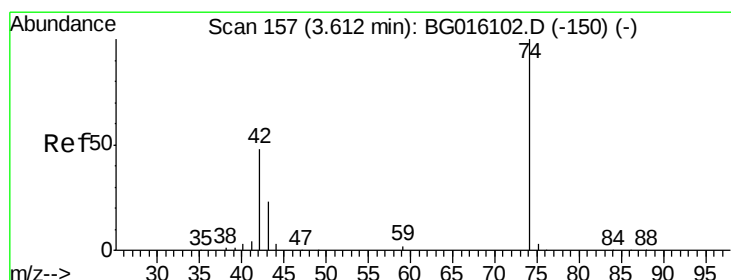
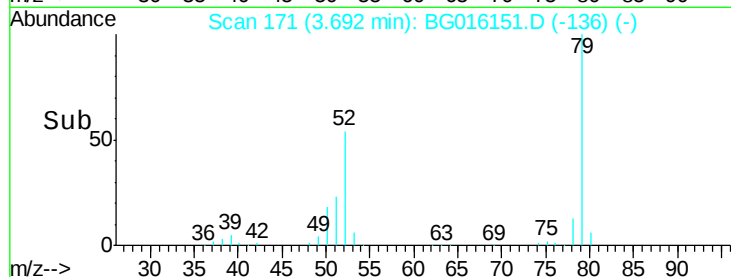
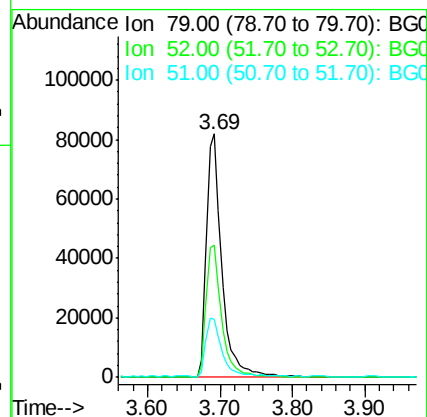
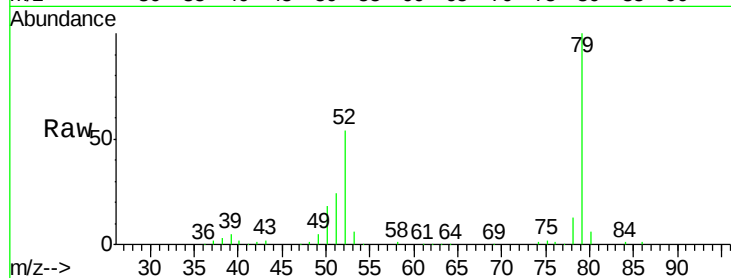
Tgt Ion: 79 Resp: 121517

Ion Ratio Lower Upper

79 100

52 54.4 47.0 70.4

51 23.8 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 34.67 ng

RT: 3.61 min Scan# 157

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

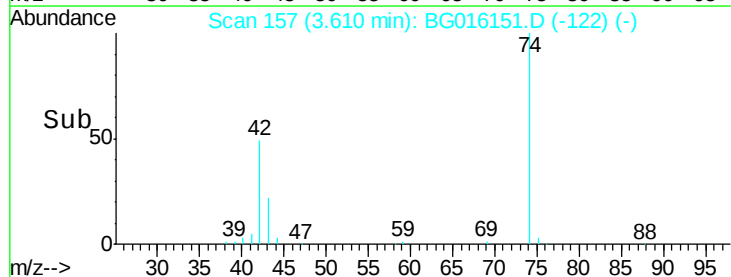
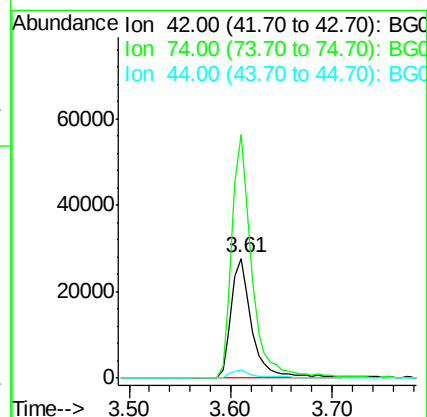
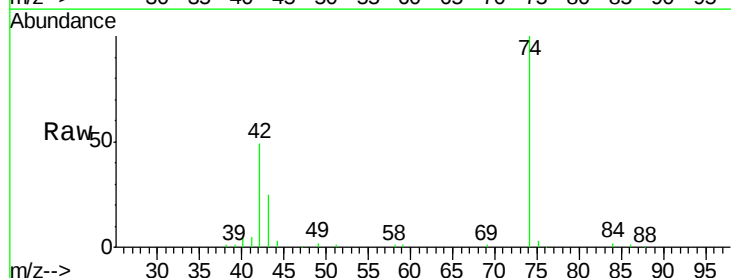
Tgt Ion: 42 Resp: 39686

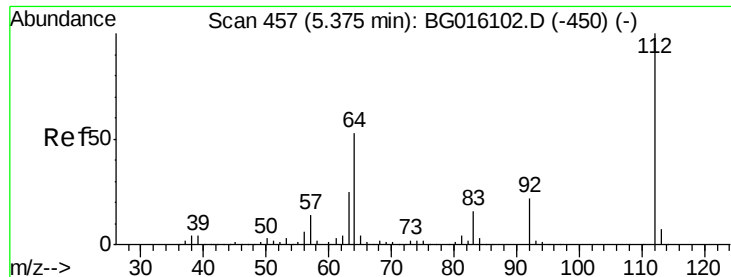
Ion Ratio Lower Upper

42 100

74 203.7 165.3 247.9

44 6.9 5.3 7.9





#5

2-Fluorophenol

Concen: 129.27 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

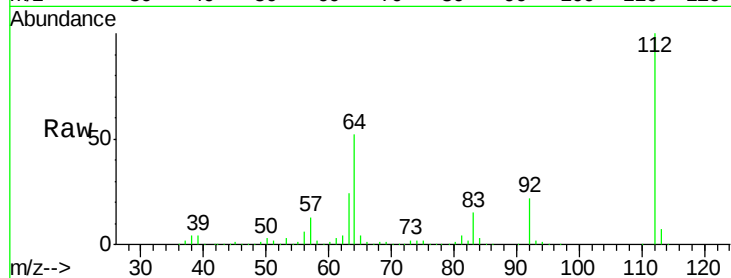
Instrument :

BNA_G

ClientSampleID :

PB82338BS

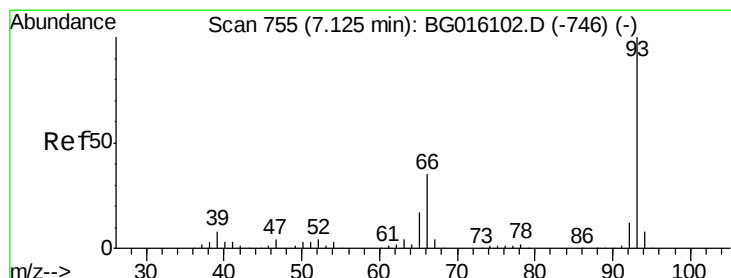
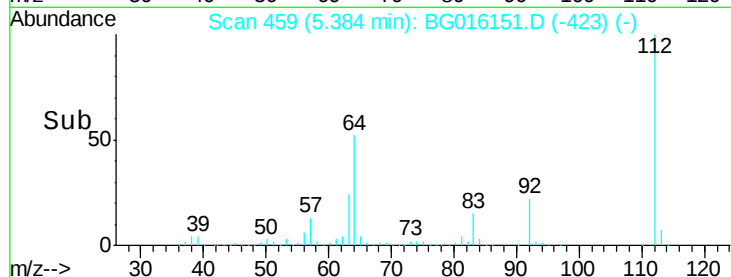
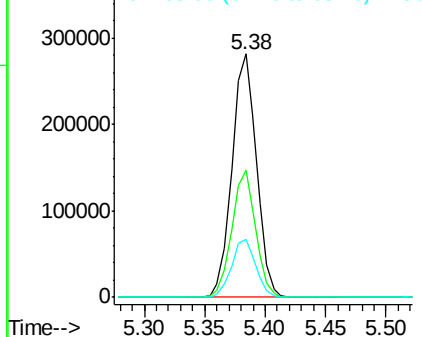
Tgt Ion:	112	Resp:	398382
Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	24.1	19.9	29.9



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: 25.07 ng

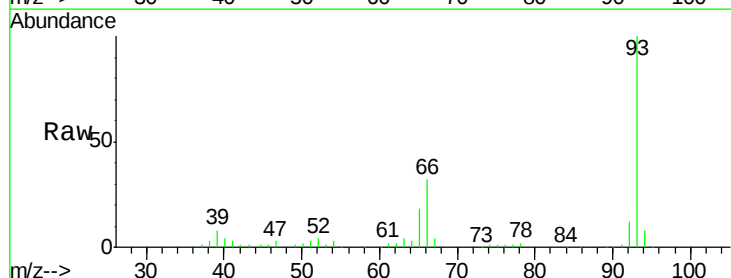
RT: 7.12 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

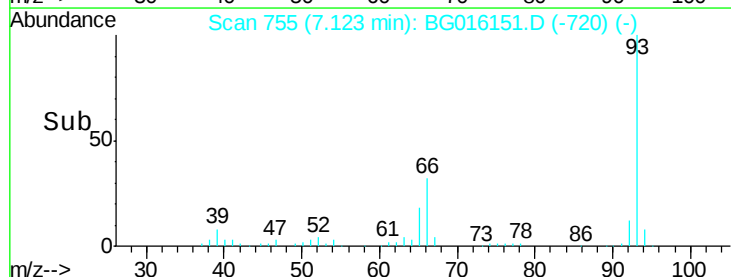
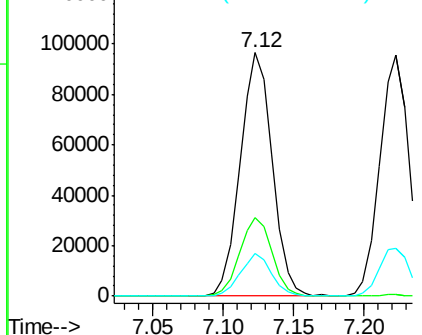
Tgt Ion:	93	Resp:	153426
Ion	Ratio	Lower	Upper
93	100		
66	32.2	27.8	41.6
65	17.7	13.9	20.9

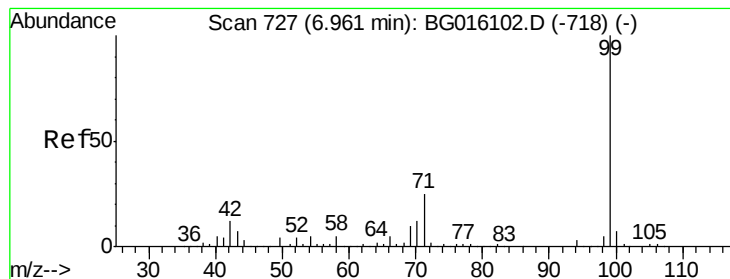


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.50 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

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ClientSampleId :

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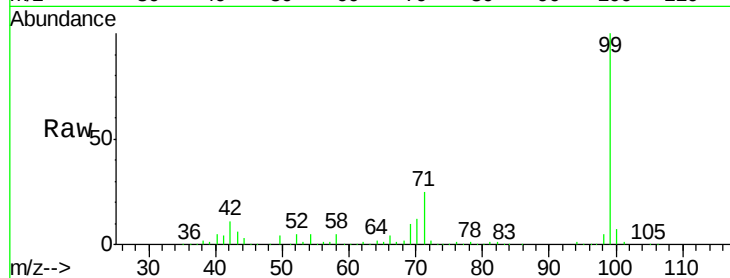
Tgt Ion: 99 Resp: 542662

Ion Ratio Lower Upper

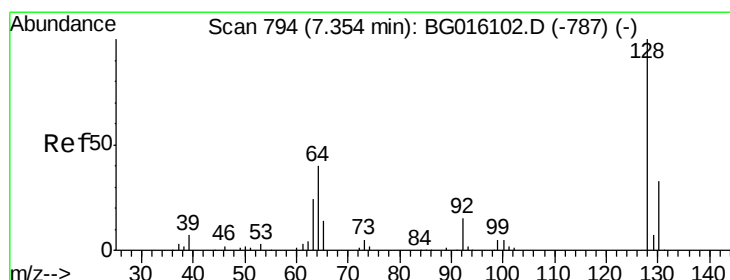
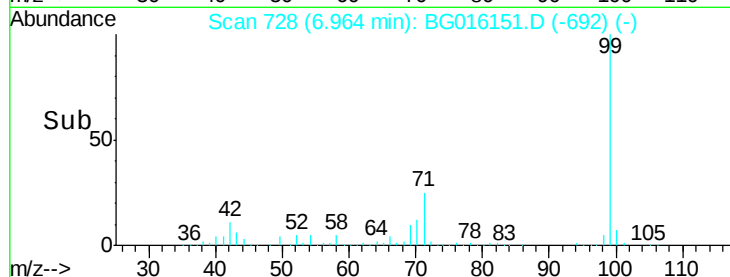
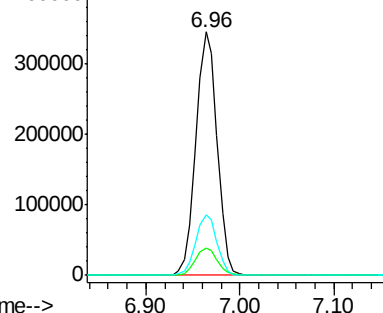
99 100

42 11.5 9.4 14.0

71 25.1 19.9 29.9



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



#8

2-Chlorophenol

Concen: 41.35 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

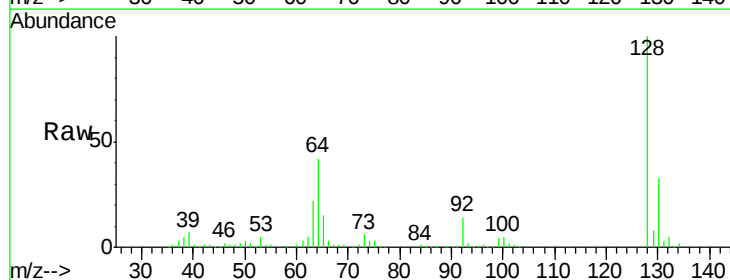
Tgt Ion: 128 Resp: 151194

Ion Ratio Lower Upper

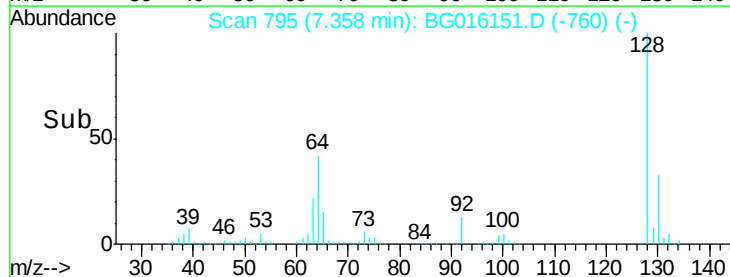
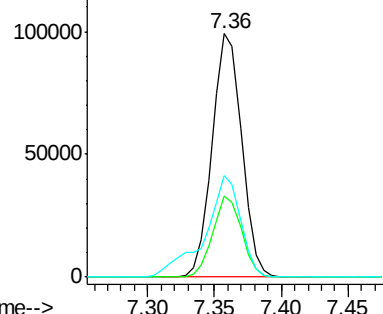
128 100

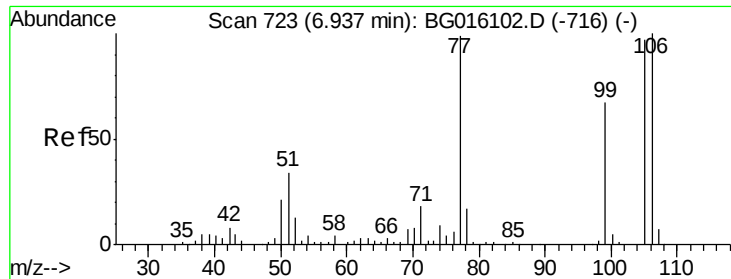
130 33.1 12.5 52.5

64 41.5 23.4 63.4



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: 3.64 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

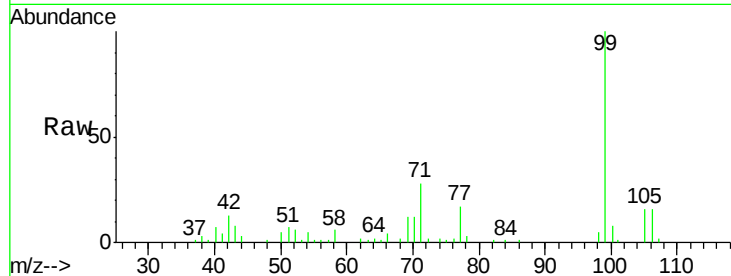
Tgt Ion: 77 Resp: 6524

Ion Ratio Lower Upper

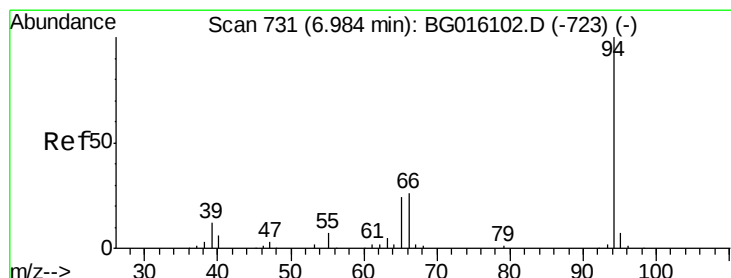
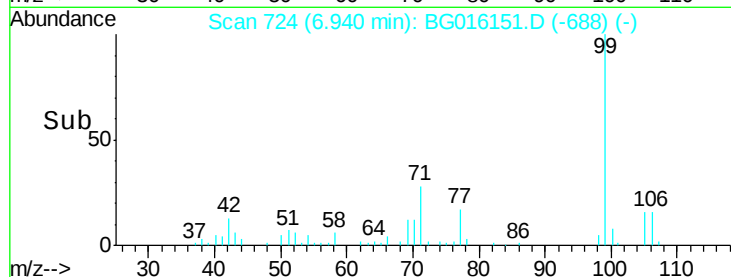
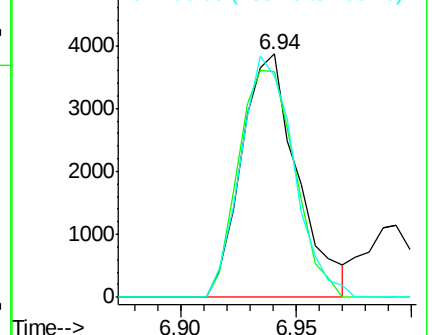
77 100

105 92.5 78.1 118.1

106 91.0 81.0 121.0



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



#10

Phenol

Concen: 41.48 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

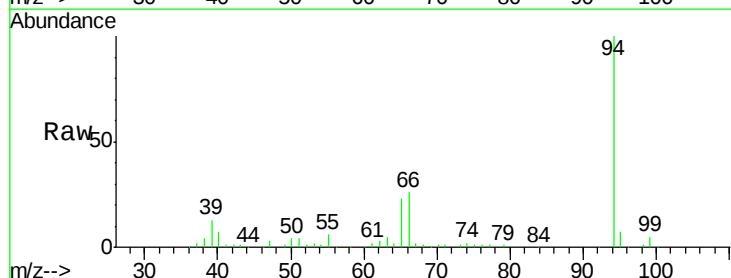
Tgt Ion: 94 Resp: 195535

Ion Ratio Lower Upper

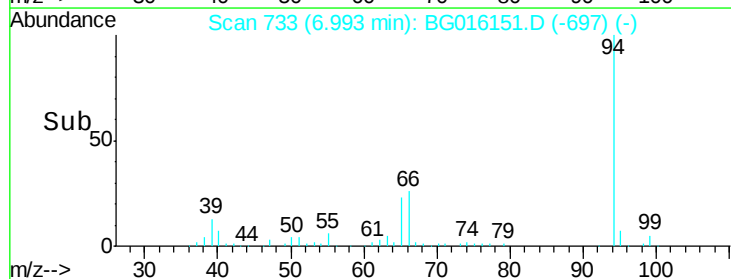
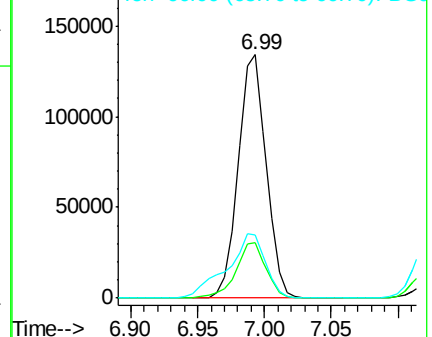
94 100

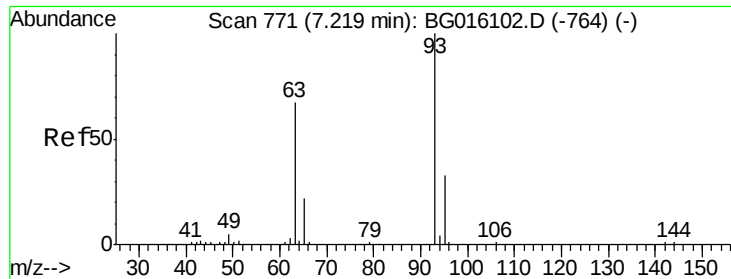
65 22.5 4.0 44.0

66 26.0 7.4 47.4



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

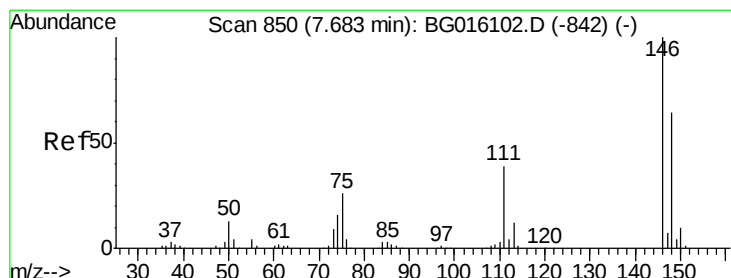
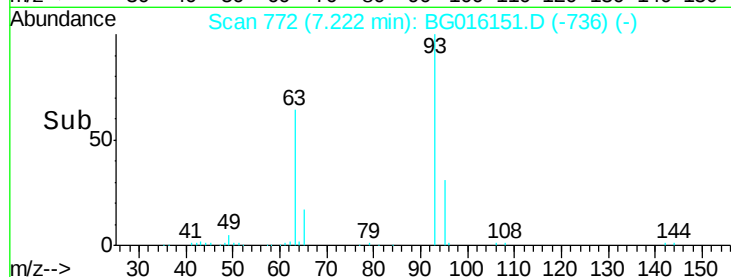
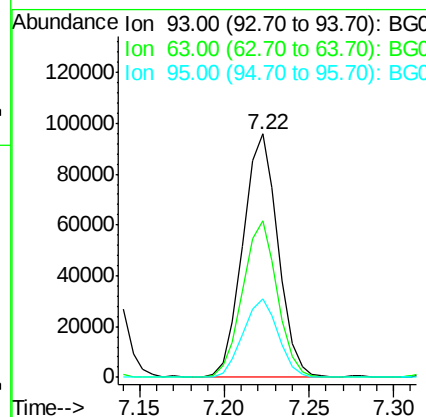
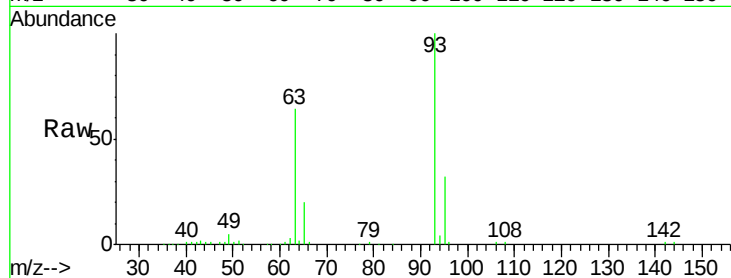




#11
bis(2-Chloroethyl)ether
Concen: 36.03 ng
RT: 7.22 min Scan# 772
Delta R.T. 0.01 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

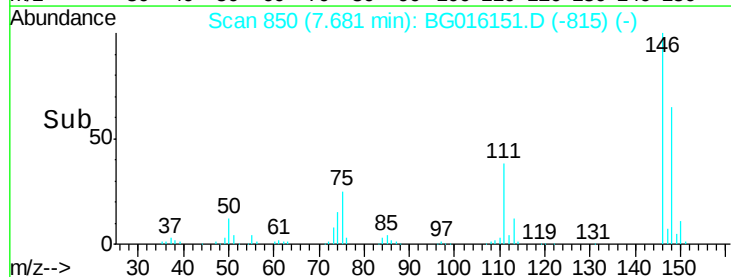
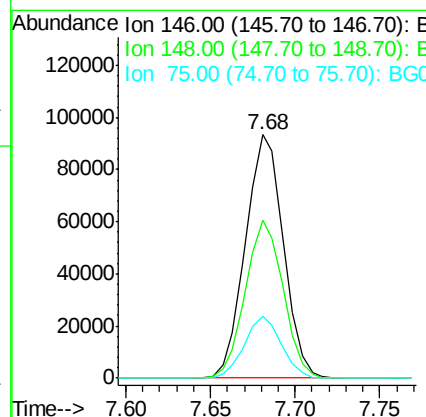
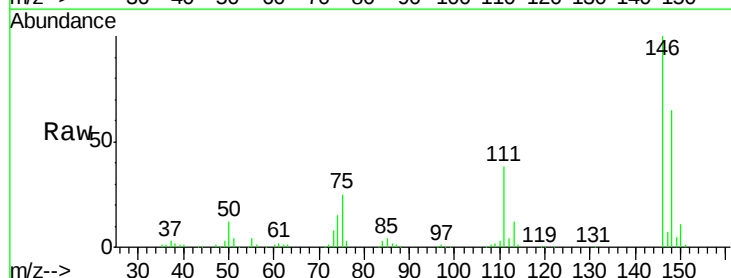
Instrument :
BNA_G
ClientSampleId :
PB82338BS

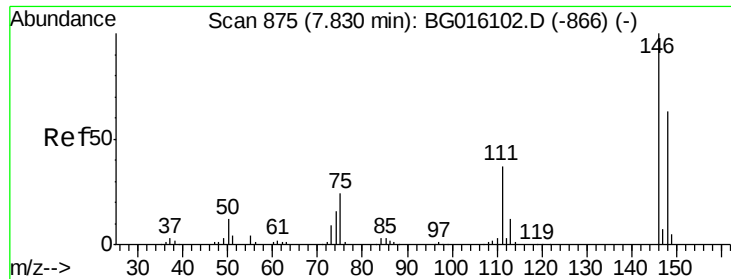
Tgt Ion: 93 Resp: 137744
Ion Ratio Lower Upper
93 100
63 64.4 46.5 86.5
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.82 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion: 146 Resp: 145494
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 25.3 20.5 30.7

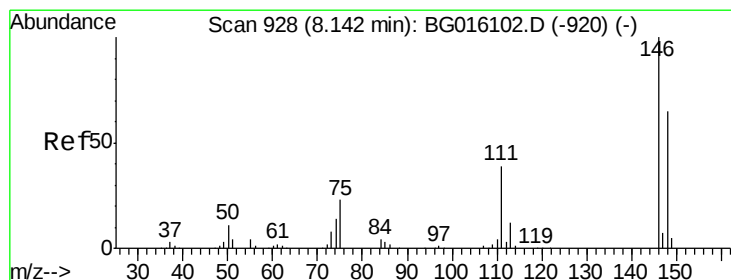
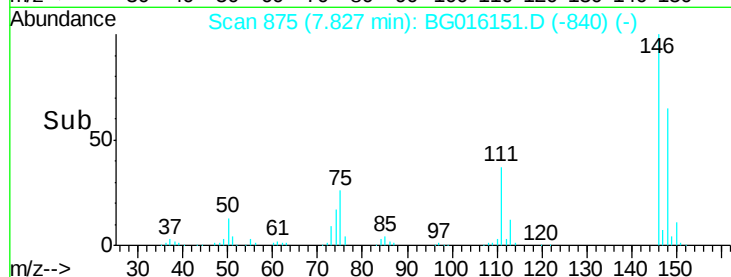
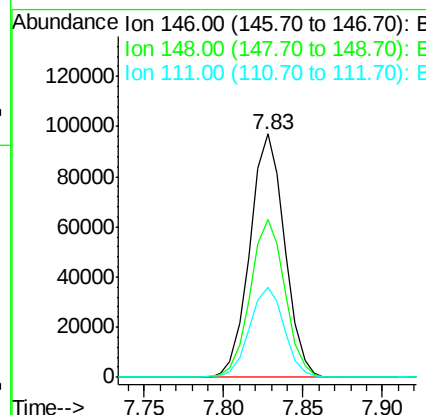
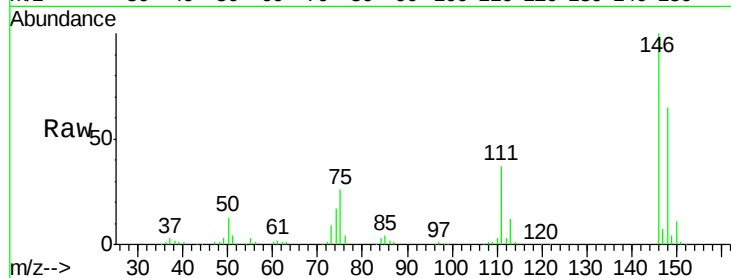




#13
 1,4-Dichlorobenzene
 Concen: 35.97 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

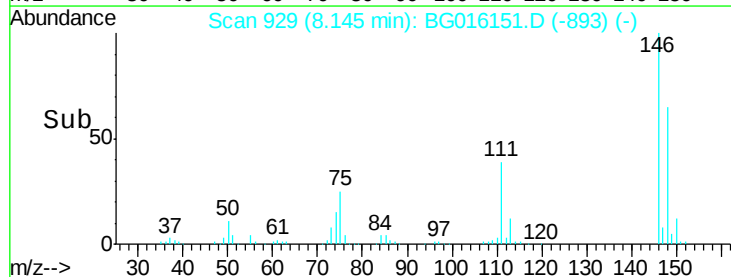
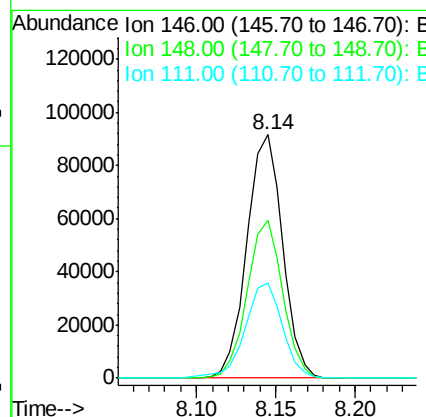
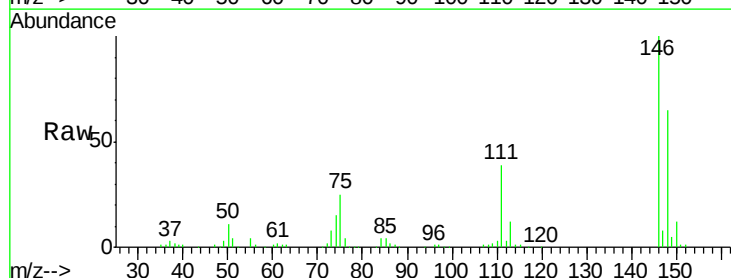
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

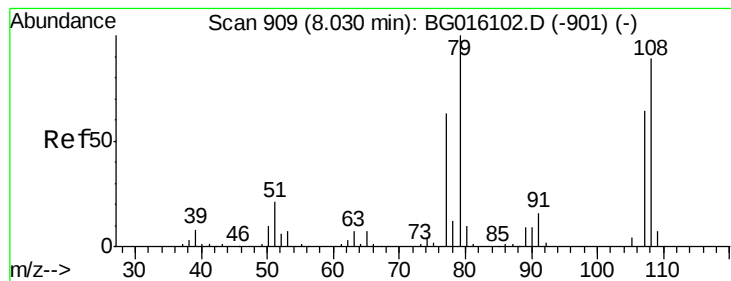
Tgt Ion:146 Resp: 147469
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 36.9 29.5 44.3



#14
 1,2-Dichlorobenzene
 Concen: 36.98 ng
 RT: 8.14 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion:146 Resp: 143321
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 39.1 31.4 47.2





#15

Benzyl Alcohol

Concen: 35.61 ng

RT: 8.03 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

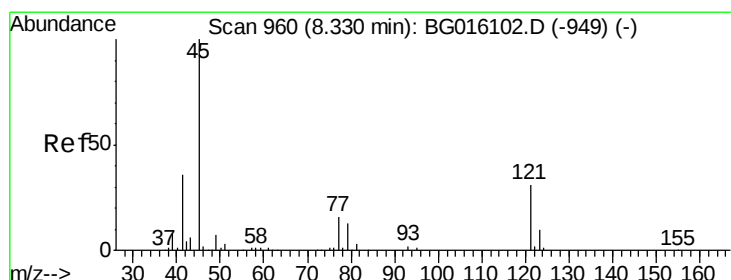
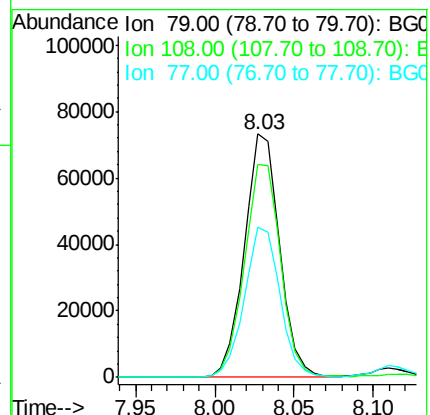
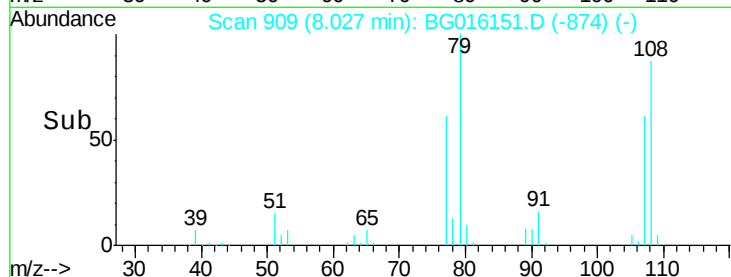
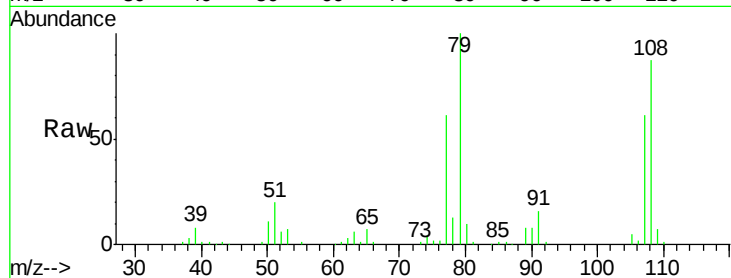
Tgt Ion: 79 Resp: 112911

Ion Ratio Lower Upper

79 100

108 87.3 71.4 107.0

77 61.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.46 ng

RT: 8.33 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

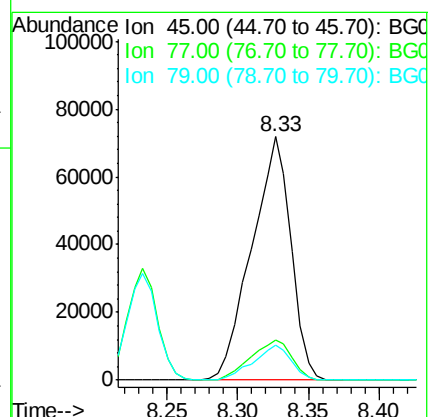
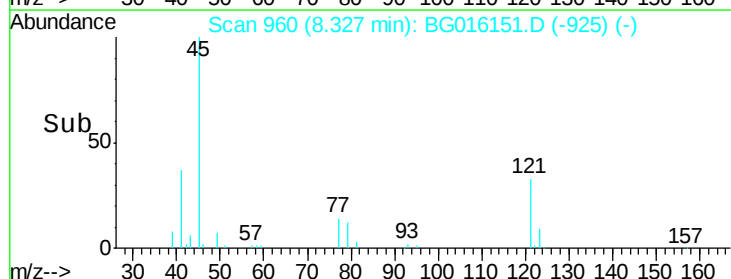
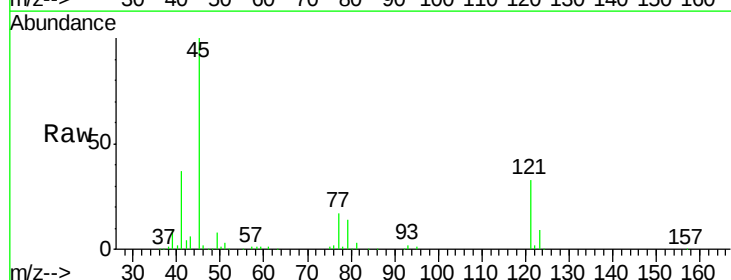
Tgt Ion: 45 Resp: 139473

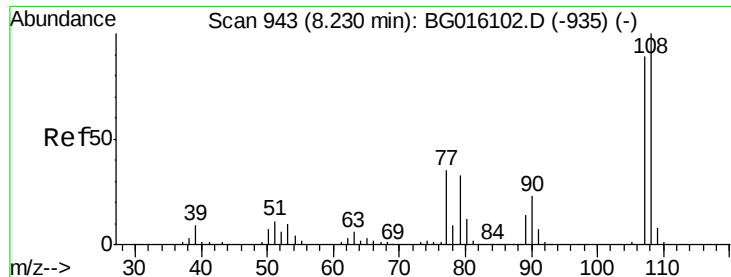
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.3

79 14.3 0.0 33.3

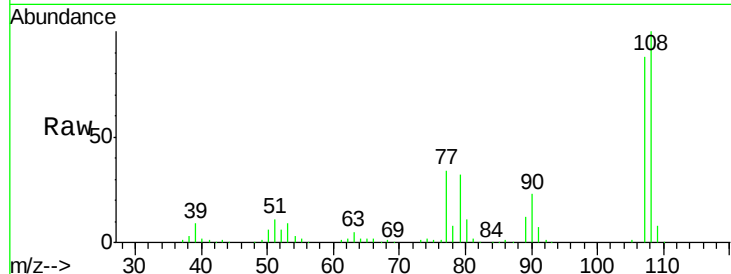




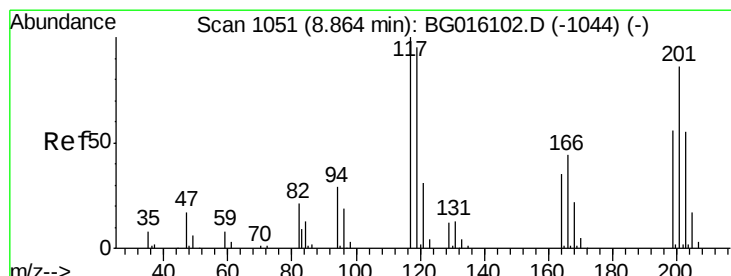
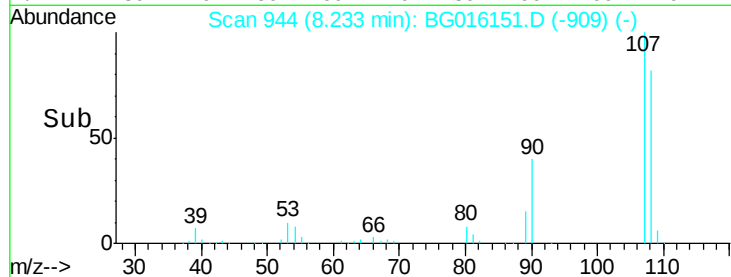
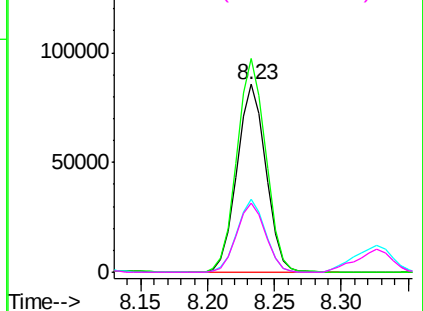
#17
2-Methylphenol
Concen: 38.66 ng
RT: 8.23 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion:	107	Resp:	128539
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.4	134.2
77	38.5	31.4	47.2
79	36.8	29.8	44.8

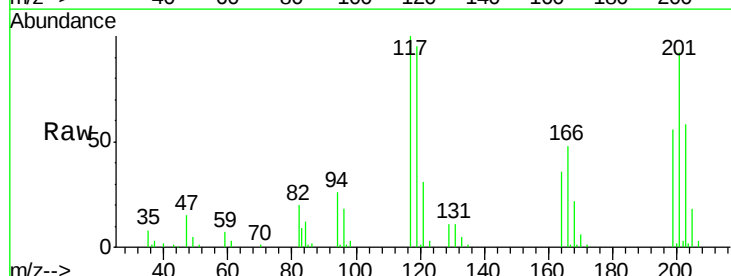


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

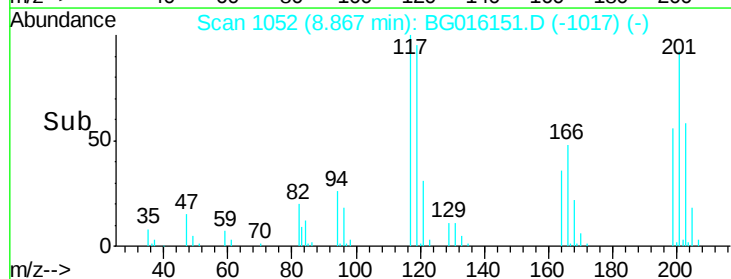
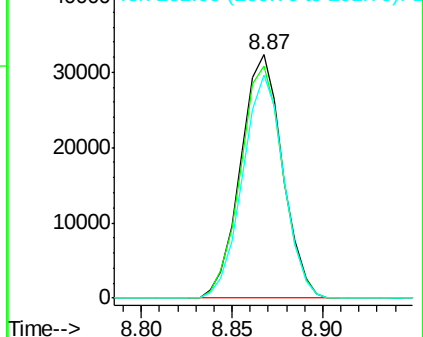


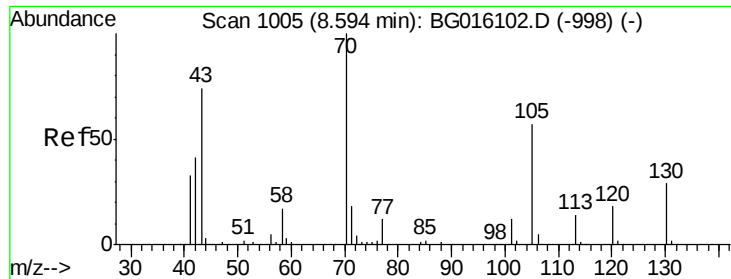
#18
Hexachloroethane
Concen: 35.44 ng
RT: 8.87 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:	117	Resp:	52077
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
201	91.9	68.6	102.8



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

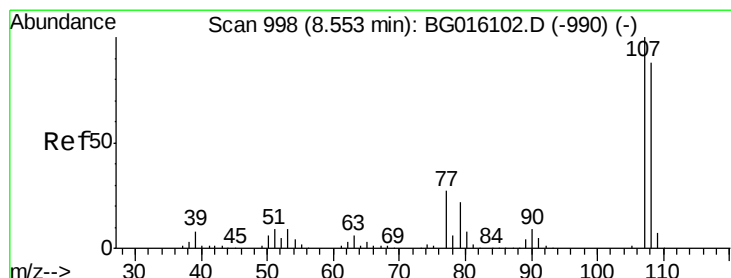
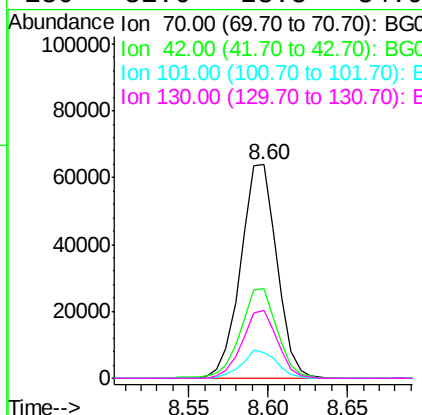
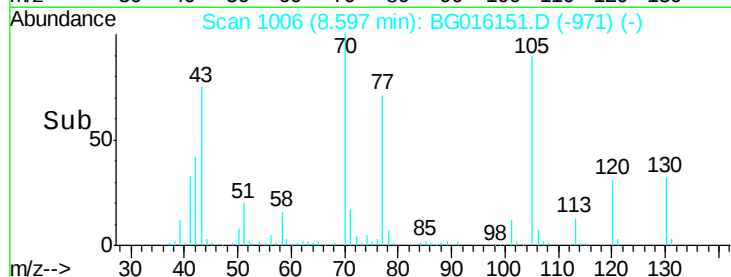
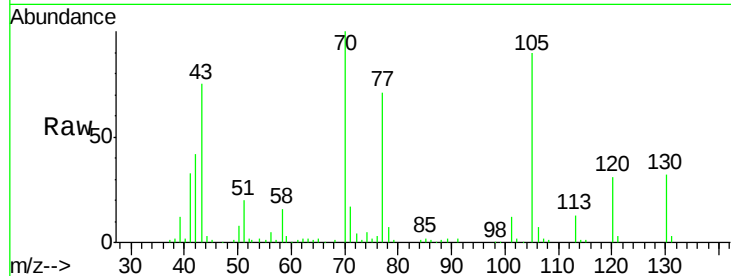




#19
n-Nitroso-di-n-propylamine
Concen: 32.10 ng
RT: 8.60 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

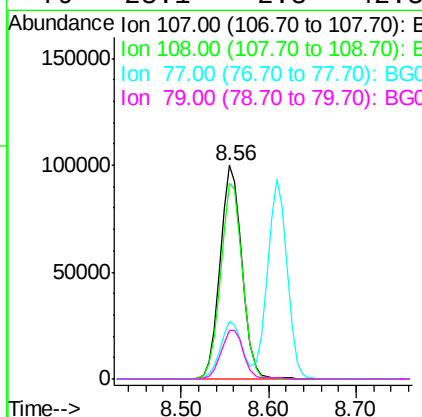
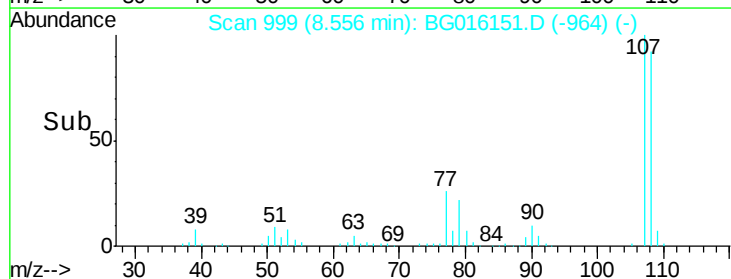
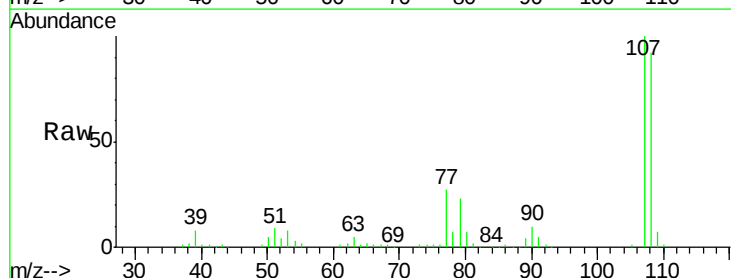
Instrument :
BNA_G
ClientSampleId :
PB82338BS

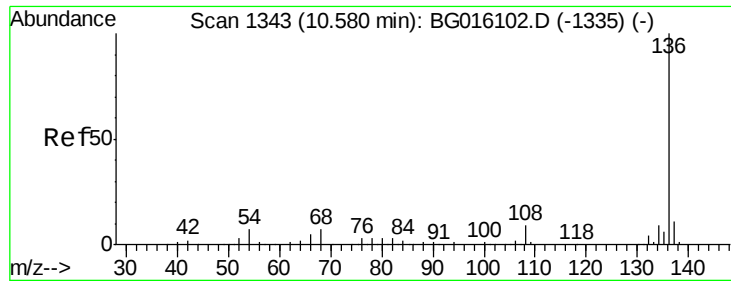
Tgt Ion: 70 Resp: 100865
Ion Ratio Lower Upper
70 100
42 42.0 33.4 50.2
101 12.1 9.6 14.4
130 31.6 23.3 34.9



#20
3+4-Methylphenols
Concen: 38.28 ng
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion: 107 Resp: 172623
Ion Ratio Lower Upper
107 100
108 91.6 68.4 108.4
77 27.0 6.9 46.9
79 23.1 2.3 42.3

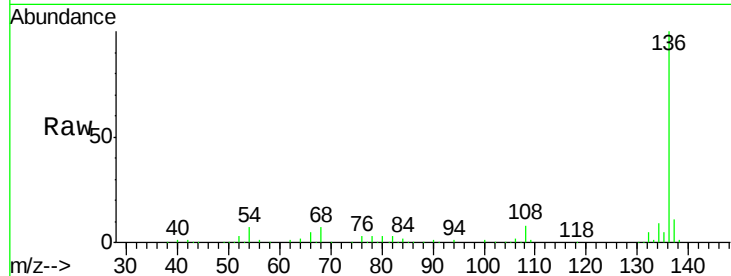




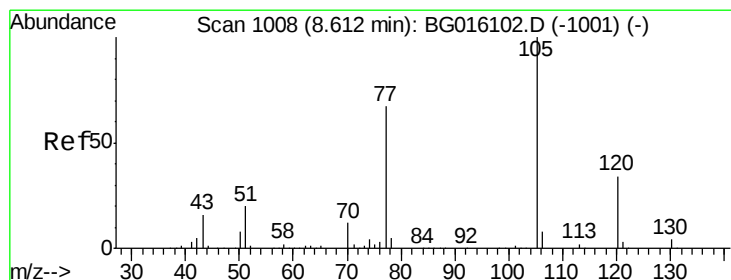
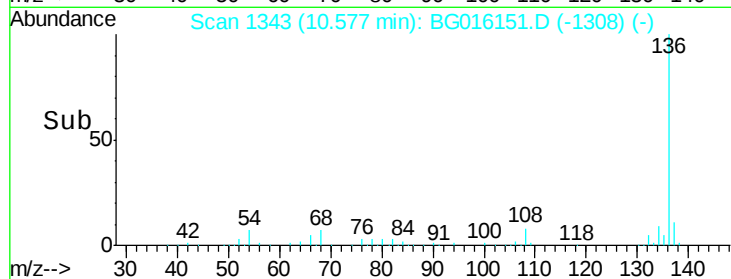
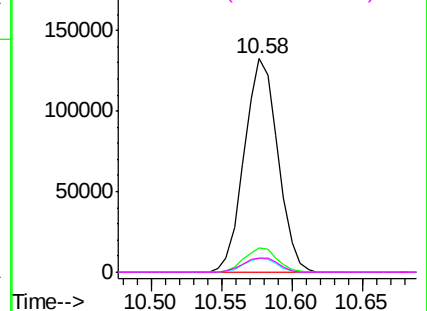
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion:	136	Resp:	220604
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.7	5.5	8.3
68	6.5	6.0	9.0

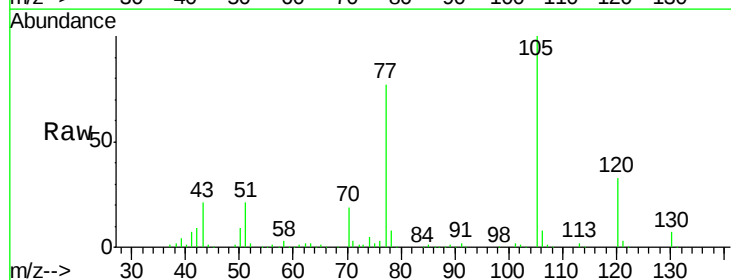


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

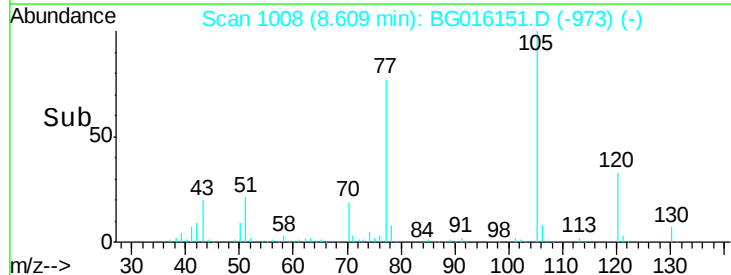
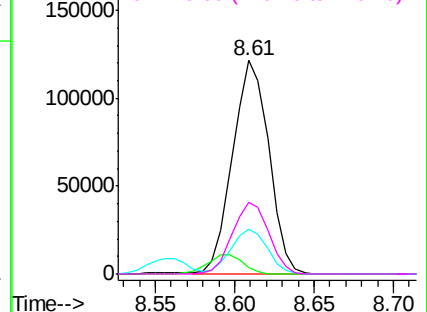


#22
Acetophenone
Concen: 38.88 ng
RT: 8.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:	105	Resp:	192937
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.2	3.2
51	21.2	17.9	26.9
120	33.5	27.0	40.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

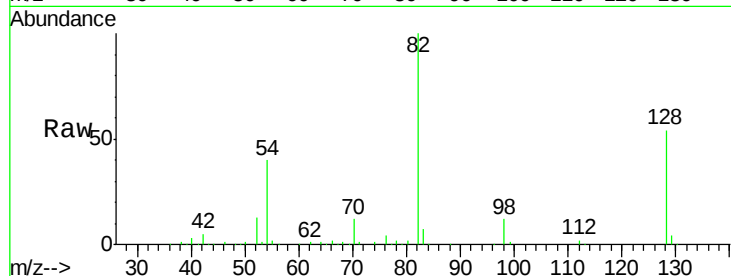




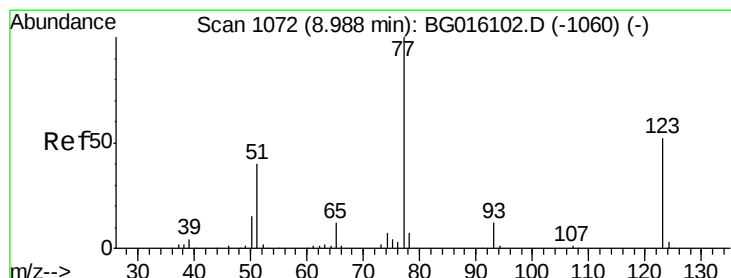
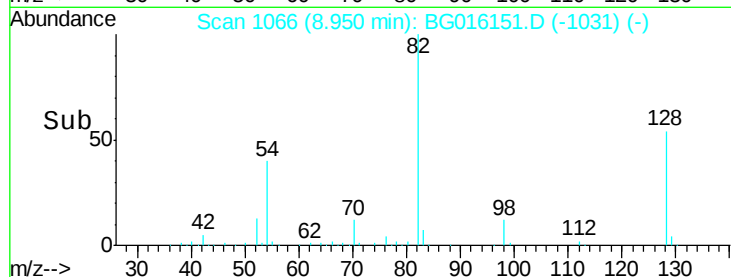
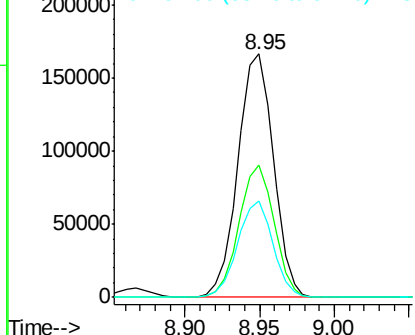
#23
Nitrobenzene-d5
Concen: 77.49 ng
RT: 8.95 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion: 82 Resp: 275696
Ion Ratio Lower Upper
82 100
128 54.3 40.4 60.6
54 39.7 32.1 48.1

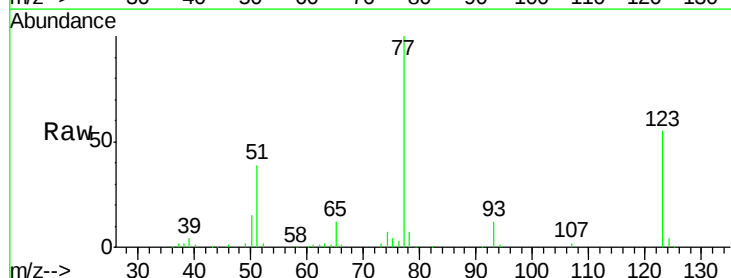


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

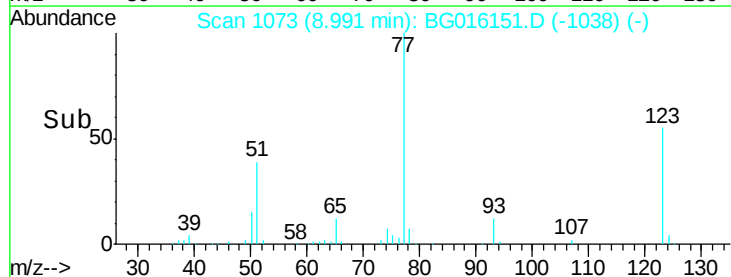
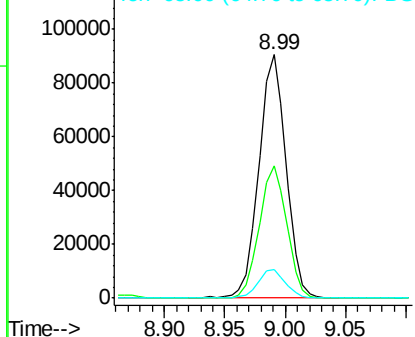


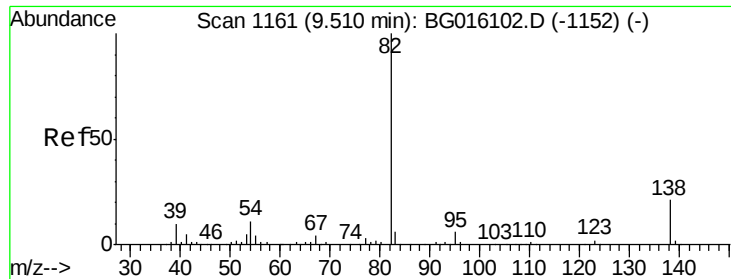
#24
Nitrobenzene
Concen: 36.95 ng
RT: 8.99 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion: 77 Resp: 141570
Ion Ratio Lower Upper
77 100
123 54.6 41.4 62.0
65 11.7 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 34.75 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

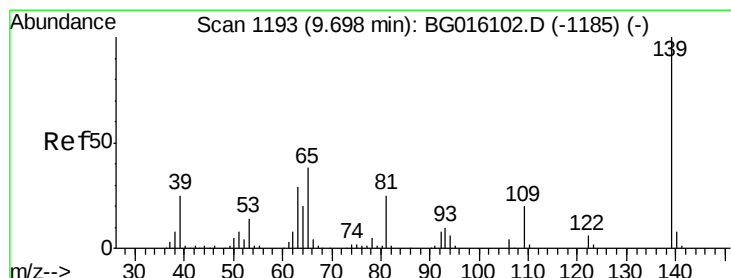
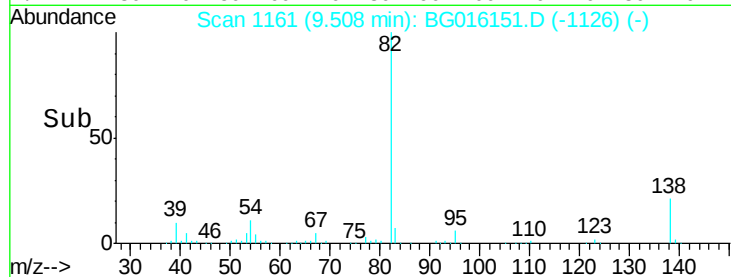
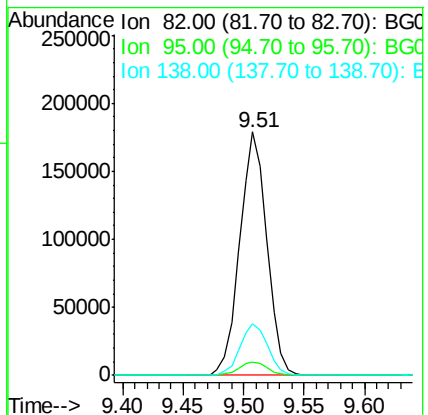
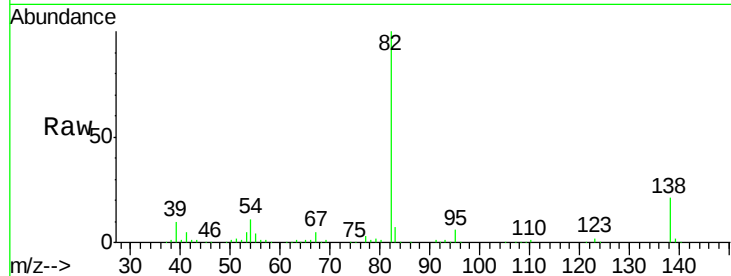
Tgt Ion: 82 Resp: 280528

Ion Ratio Lower Upper

82 100

95 5.7 4.6 6.8

138 21.2 17.1 25.7



#26

2-Nitrophenol

Concen: 38.82 ng

RT: 9.70 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

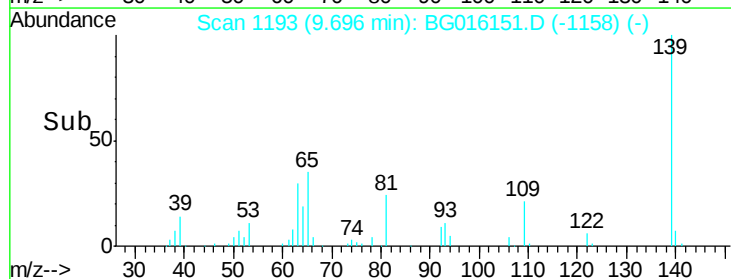
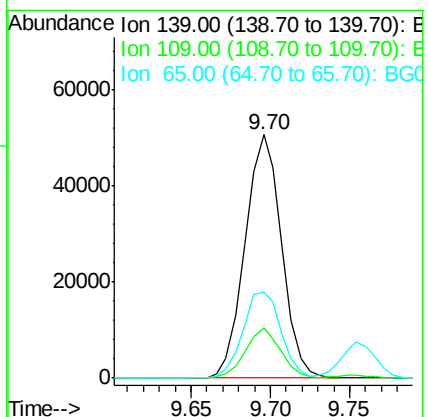
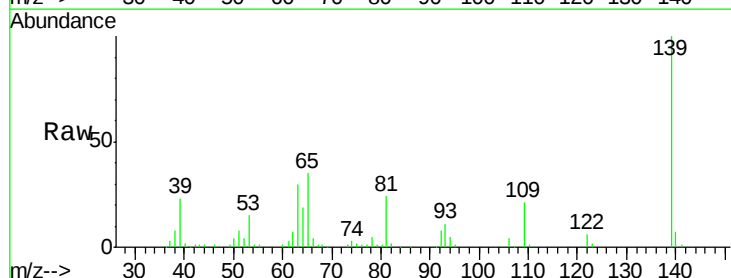
Tgt Ion: 139 Resp: 80551

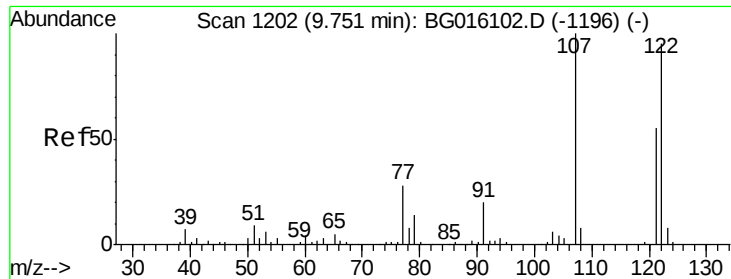
Ion Ratio Lower Upper

139 100

109 20.6 15.7 23.5

65 35.5 30.1 45.1

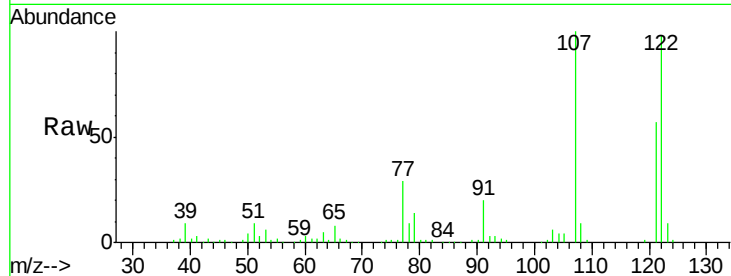




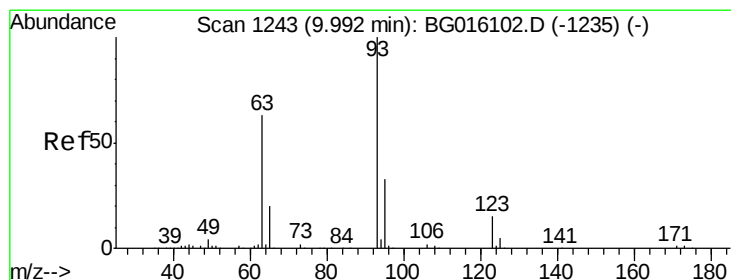
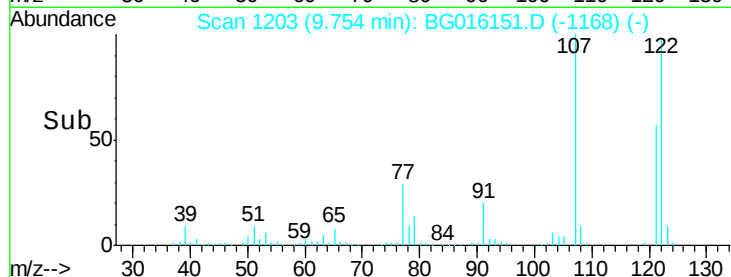
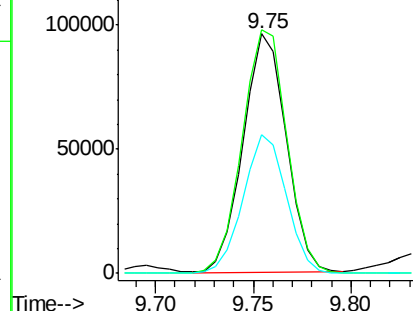
#27
 2,4-Dimethylphenol
 Concen: 42.22 ng
 RT: 9.75 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Instrument :
 BNA_G
 ClientSampled :
 PB82338BS

Tgt Ion:122 Resp: 146904
 Ion Ratio Lower Upper
 122 100
 107 101.6 83.6 125.4
 121 57.6 45.6 68.4

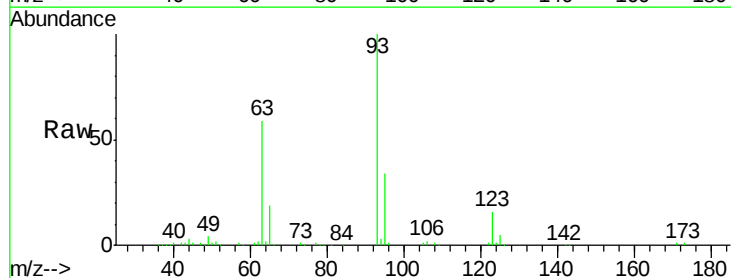


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

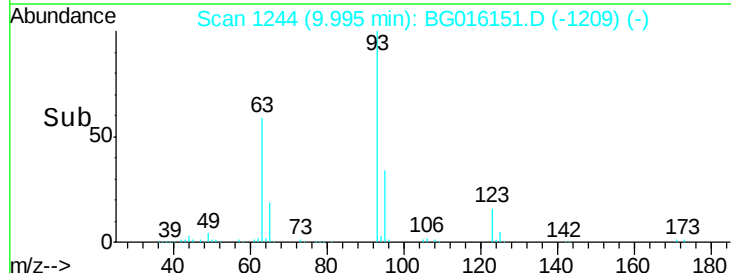
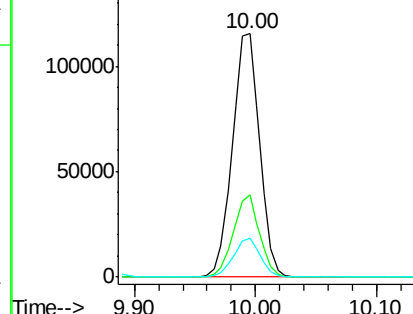


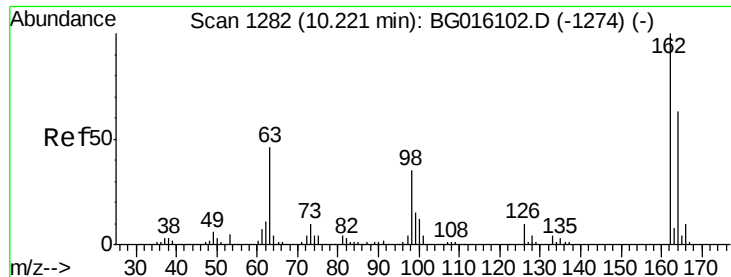
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.91 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion: 93 Resp: 180350
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.4 39.6
 123 16.0 12.3 18.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

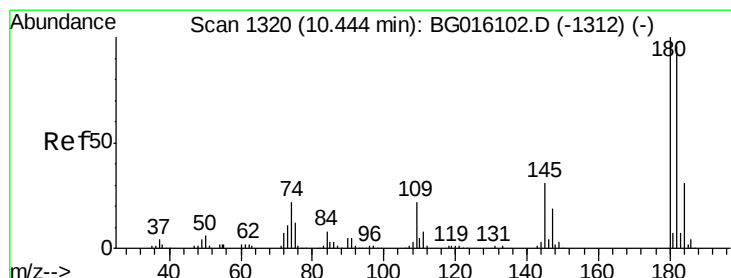
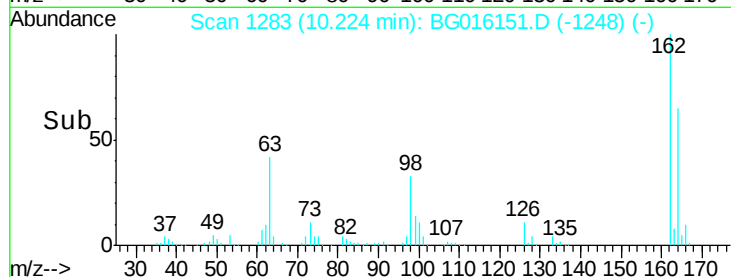
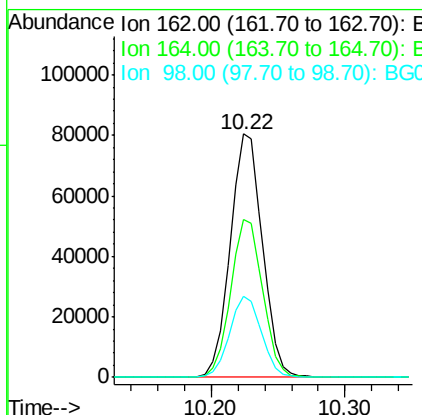
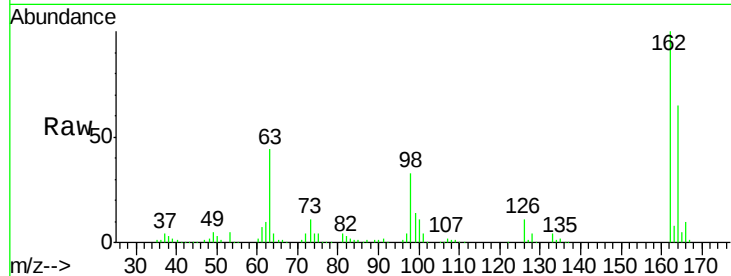




#29
2,4-Dichlorophenol
Concen: 44.15 ng
RT: 10.22 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

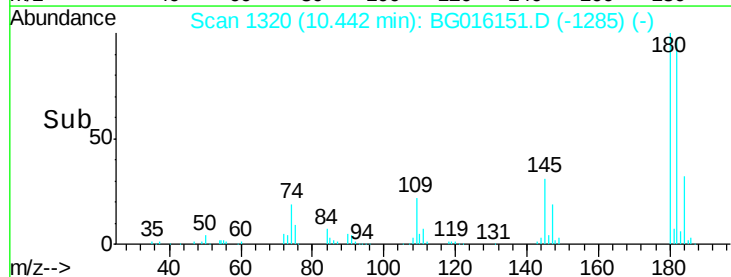
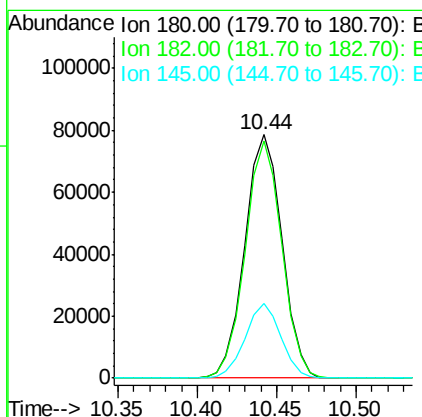
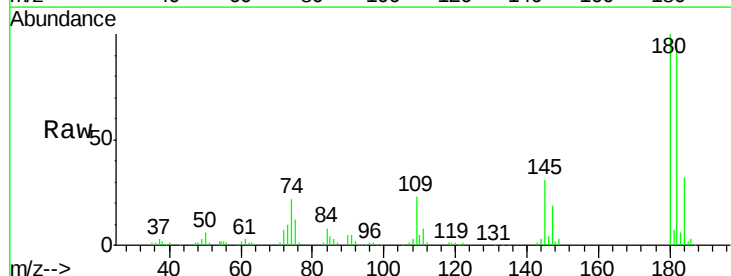
Instrument :
BNA_G
ClientSampleId :
PB82338BS

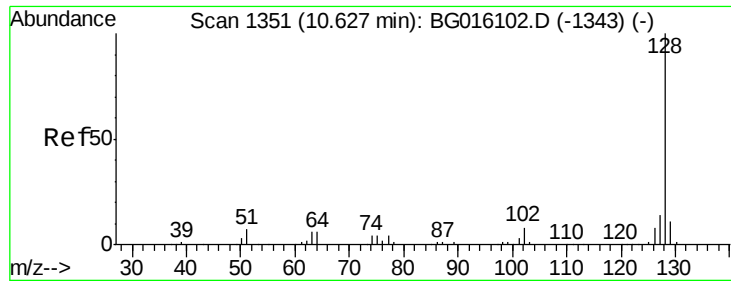
Tgt Ion:162 Resp: 135068
Ion Ratio Lower Upper
162 100
164 65.0 43.5 83.5
98 33.2 14.8 54.8



#30
1,2,4-Trichlorobenzene
Concen: 38.93 ng
RT: 10.44 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:180 Resp: 128227
Ion Ratio Lower Upper
180 100
182 97.5 76.8 115.2
145 30.8 24.8 37.2

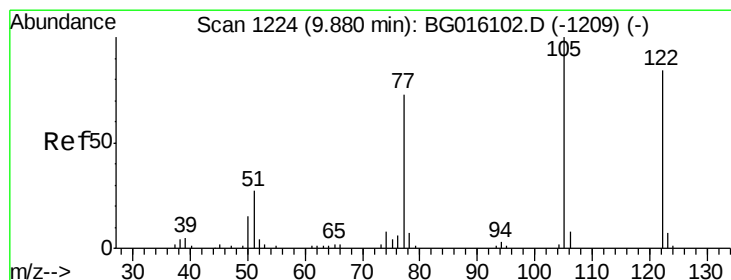
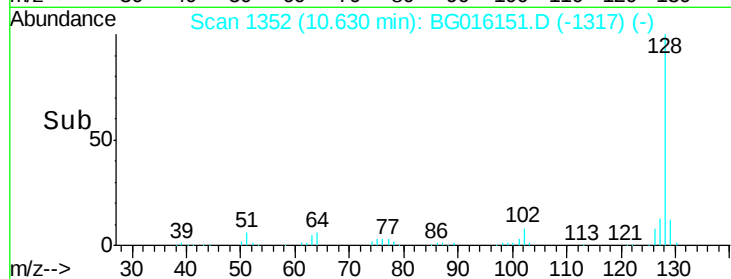
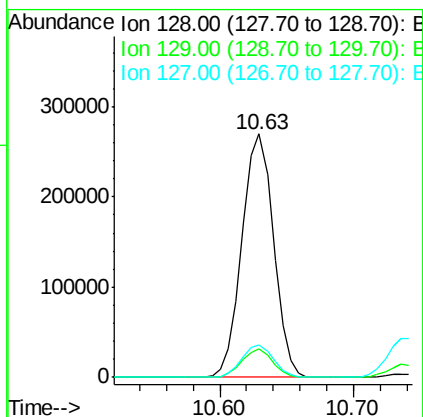
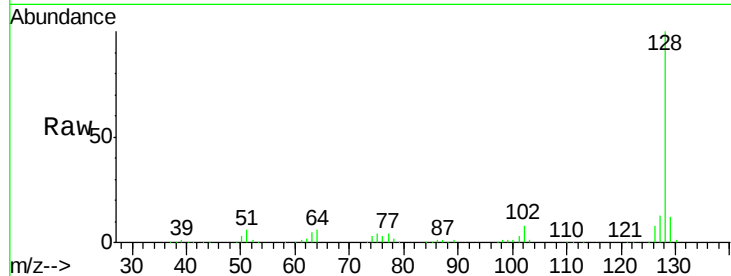




#31
Naphthalene
Concen: 37.33 ng
RT: 10.63 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

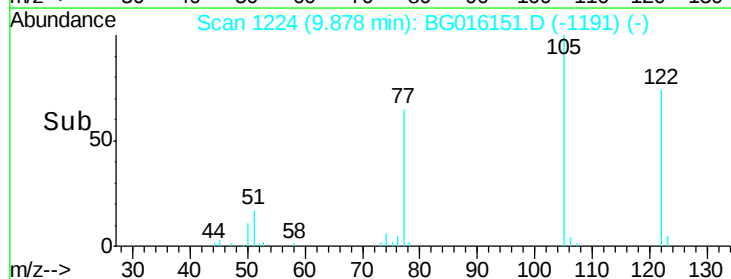
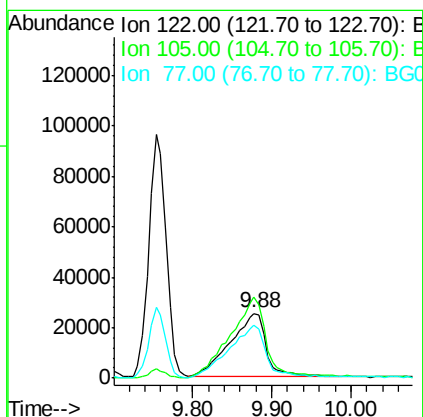
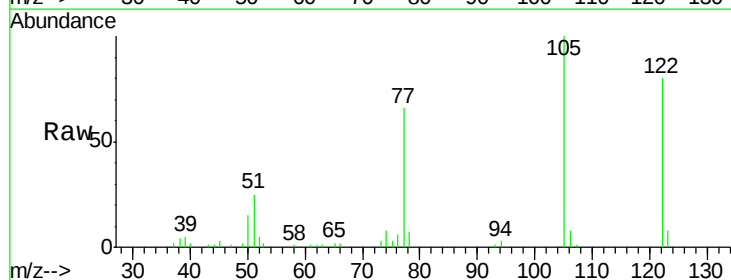
Instrument :
BNA_G
ClientSampleId :
PB82338BS

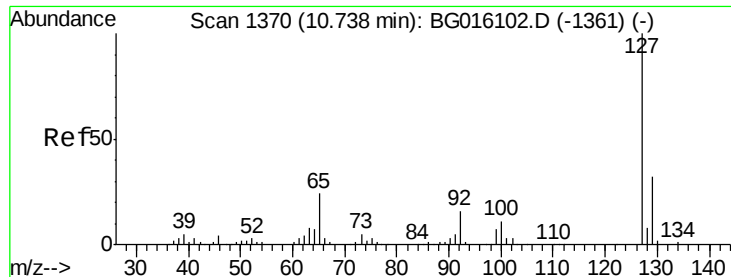
Tgt Ion:128 Resp: 441315
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 35.42 ng
RT: 9.88 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:122 Resp: 78030
Ion Ratio Lower Upper
122 100
105 124.9 97.2 137.2
77 81.8 65.0 105.0

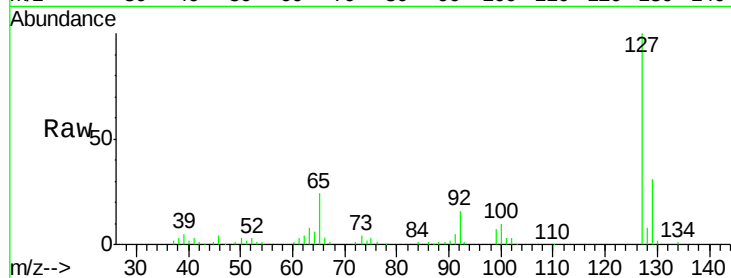




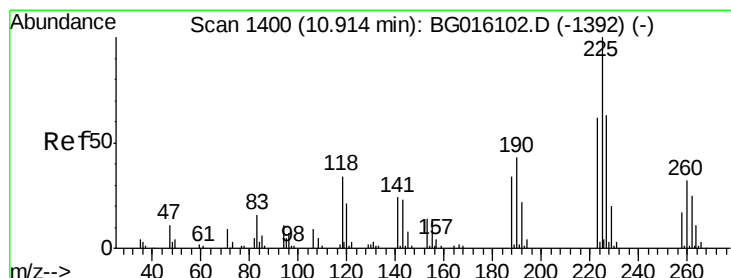
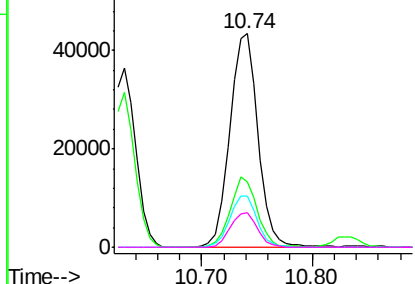
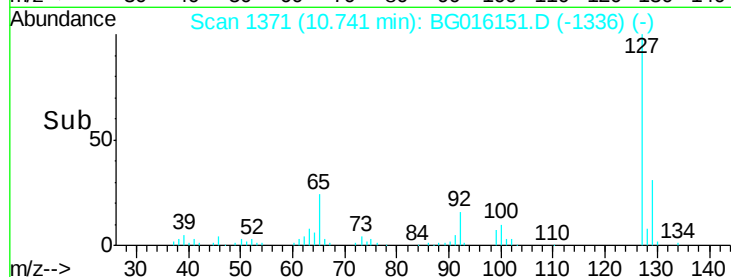
#33
4-Chloroaniline
Concen: 15.02 ng
RT: 10.74 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion:	127	Resp:	77740
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	23.8	19.5	29.3
92	16.2	13.1	19.7

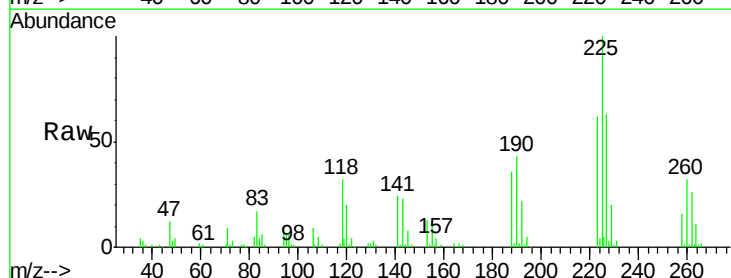


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

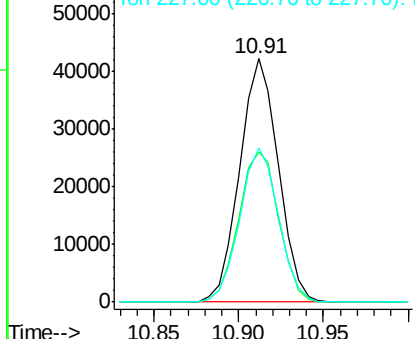
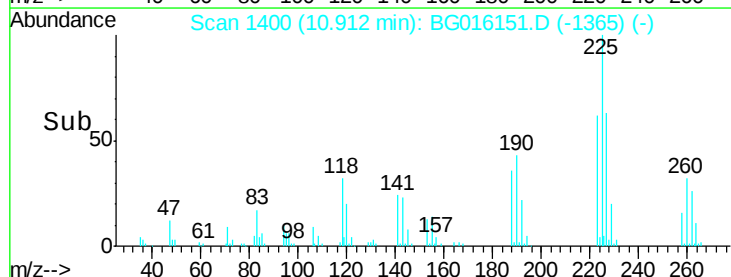


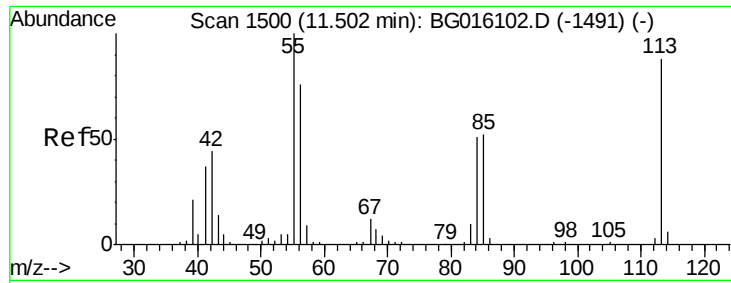
#34
Hexachlorobutadiene
Concen: 37.37 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:	225	Resp:	66980
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.0	50.4	75.6



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





#35

Caprolactam

Concen: 21.35 ng

RT: 11.50 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

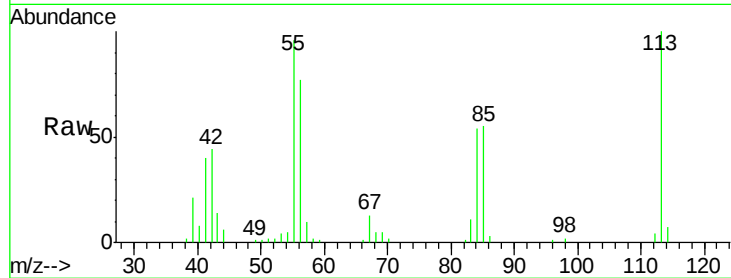
Tgt Ion:113 Resp: 35462

Ion Ratio Lower Upper

113 100

55 95.9 93.9 133.9

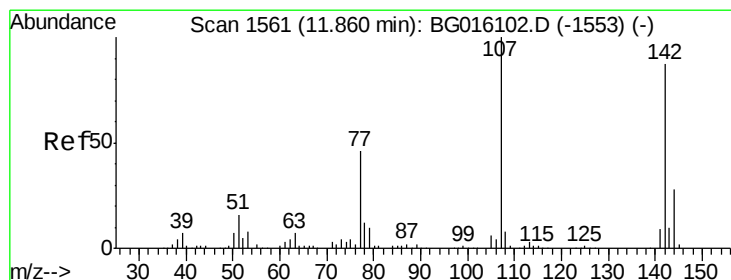
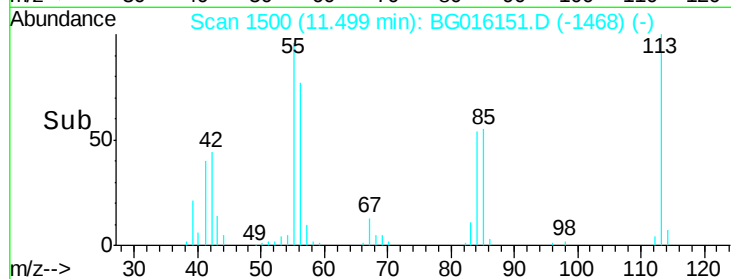
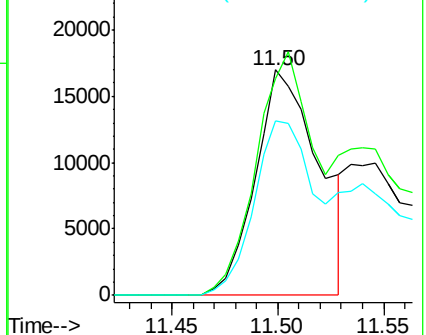
56 77.1 67.1 107.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.59 ng

RT: 11.86 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

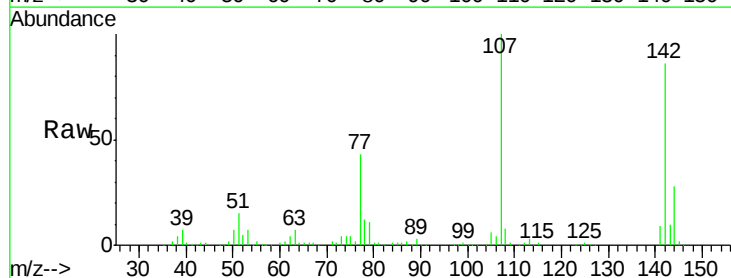
Tgt Ion:107 Resp: 146493

Ion Ratio Lower Upper

107 100

144 27.8 22.7 34.1

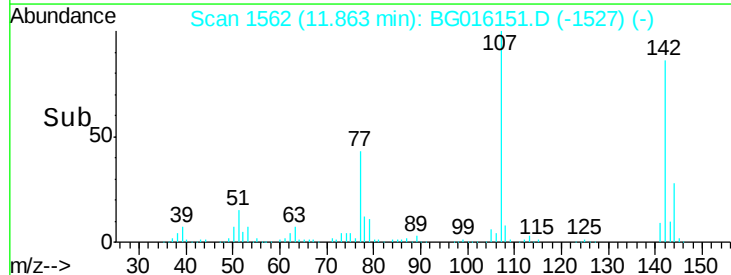
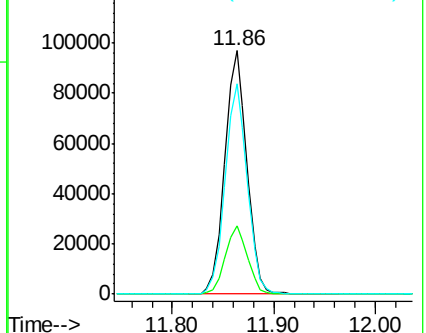
142 86.1 69.7 104.5

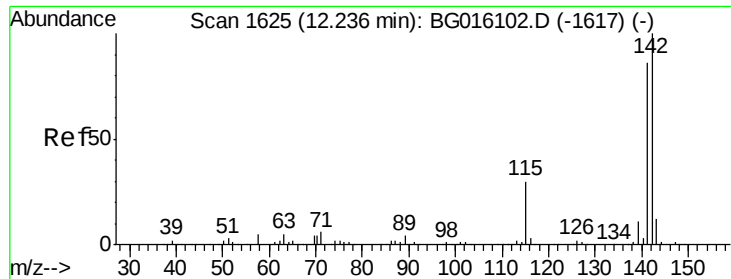


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

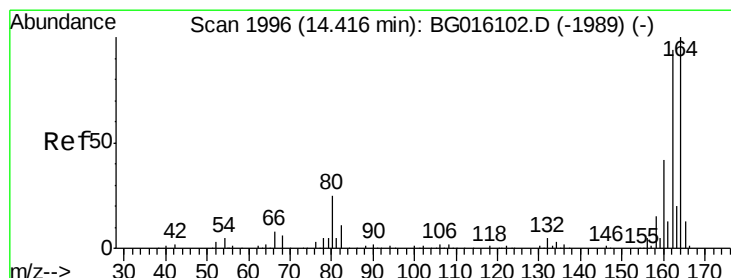
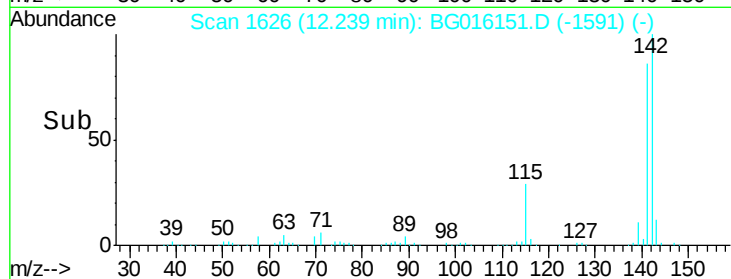
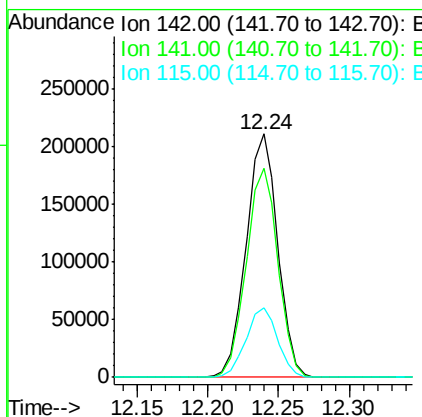
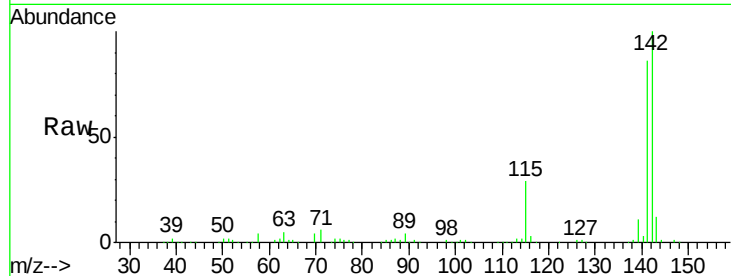




#37
2-Methylnaphthalene
Concen: 39.17 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

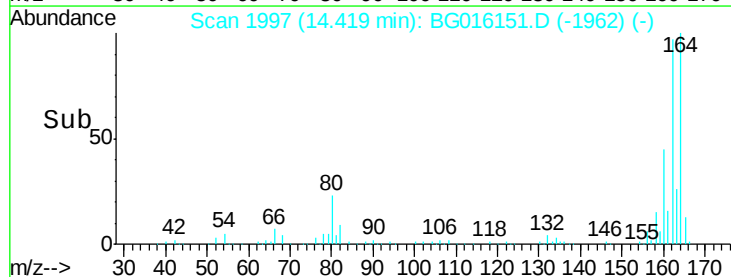
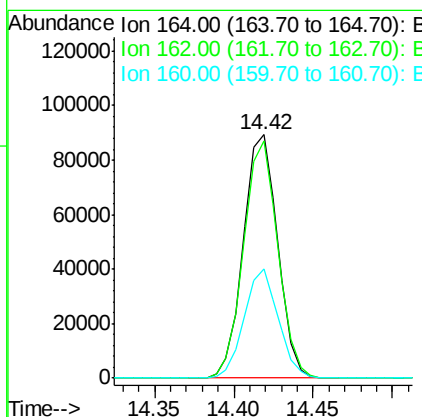
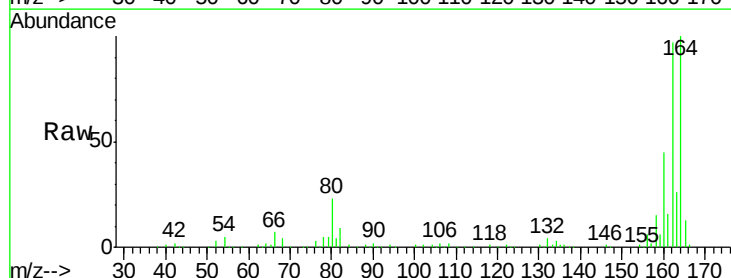
Instrument :
BNA_G
ClientSampled :
PB82338BS

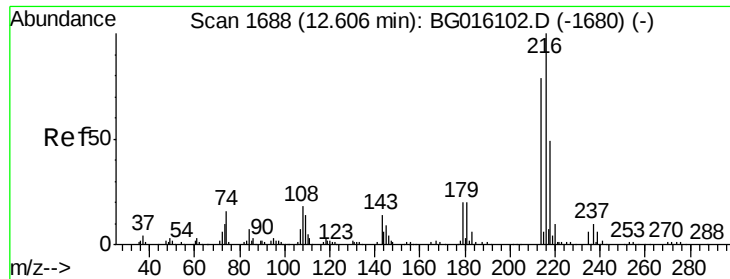
Tgt Ion:142 Resp: 330563
Ion Ratio Lower Upper
142 100
141 86.0 68.6 103.0
115 28.8 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:164 Resp: 134251
Ion Ratio Lower Upper
164 100
162 97.2 75.2 112.8
160 44.6 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.18 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

Tgt Ion:216 Resp: 139233

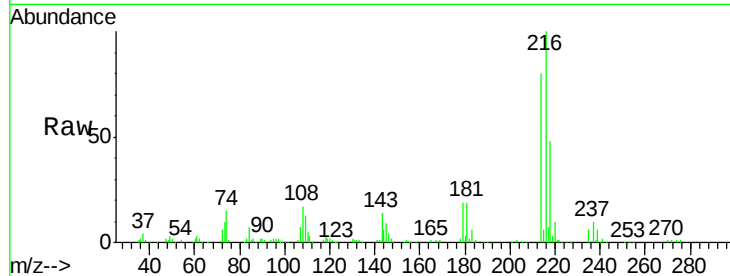
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.6

179 19.4 15.4 23.2

108 20.7 15.8 23.6

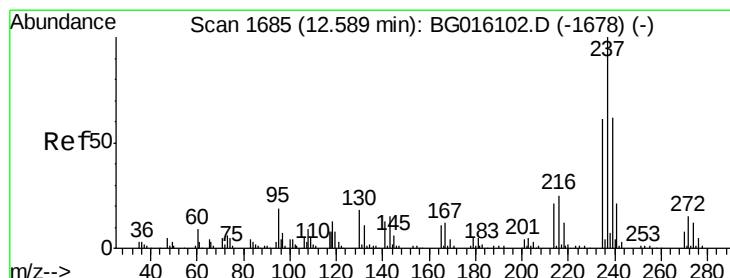
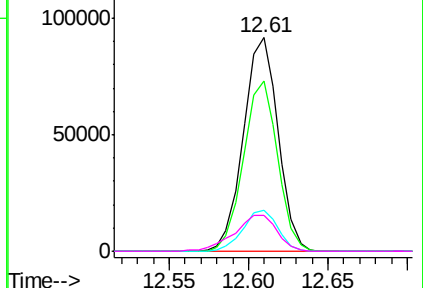
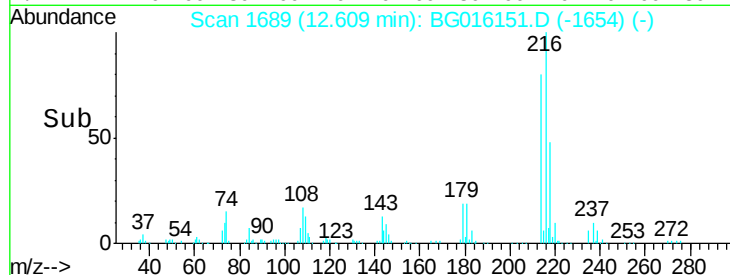


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.39 ng

RT: 12.59 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

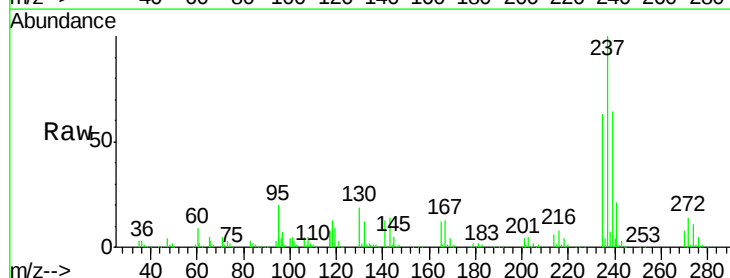
Tgt Ion:237 Resp: 168809

Ion Ratio Lower Upper

237 100

235 63.0 41.5 81.5

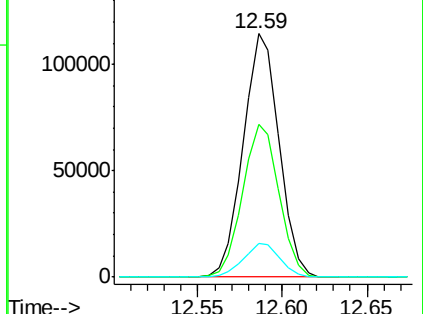
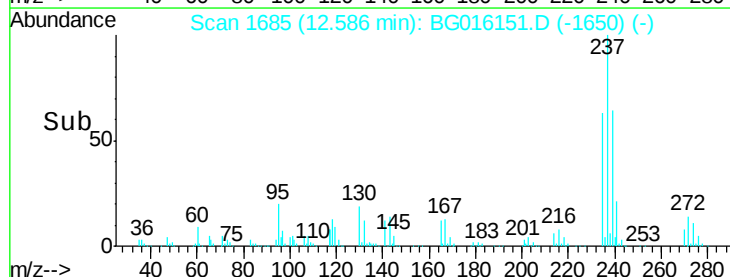
272 14.0 0.0 35.3

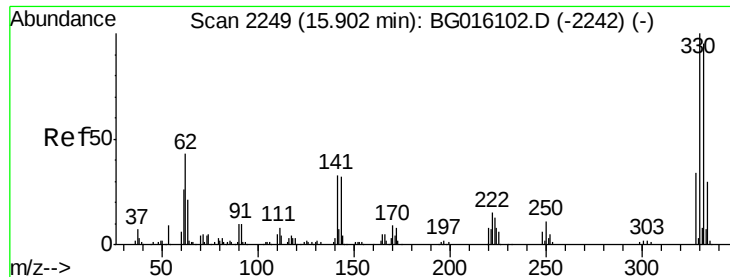


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

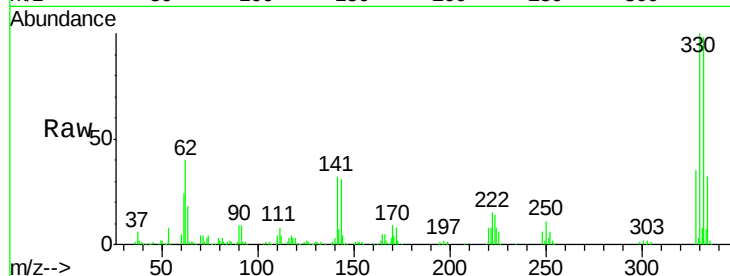




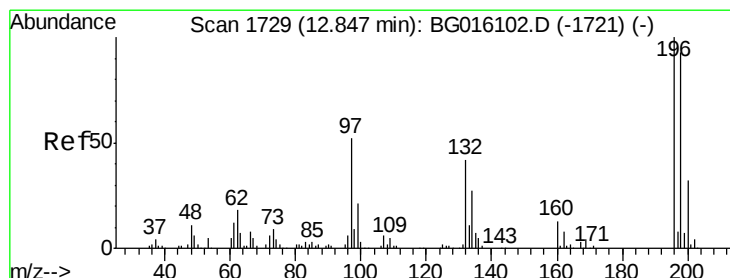
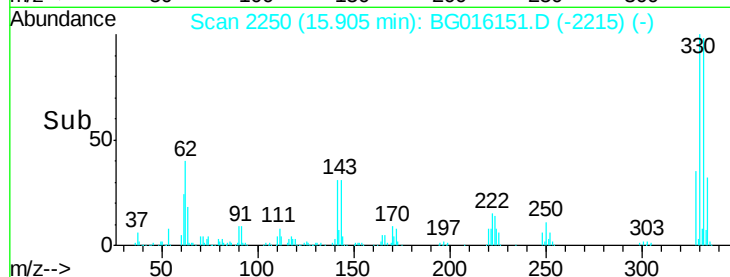
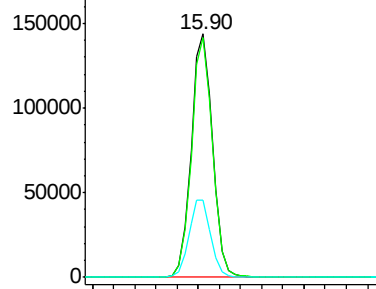
#41
 2,4,6-Tribromophenol
 Concen: 130.72 ng
 RT: 15.90 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Tgt Ion:330 Resp: 201524
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 32.5 26.2 39.4

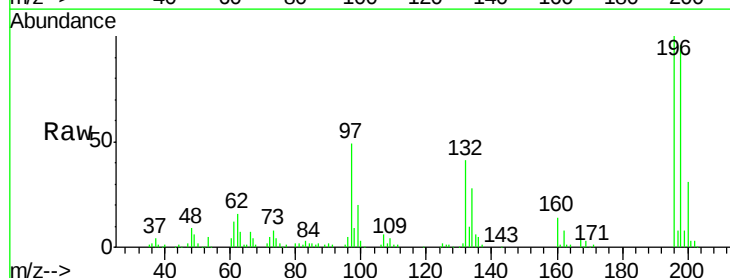


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

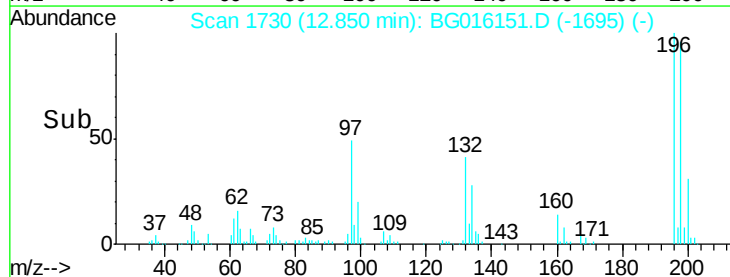
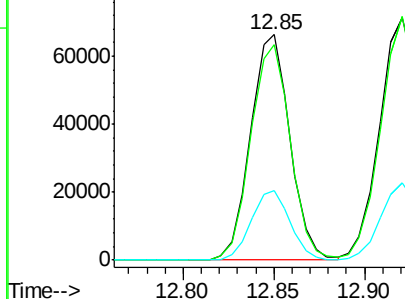


#42
 2,4,6-Trichlorophenol
 Concen: 41.63 ng
 RT: 12.85 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion:196 Resp: 100558
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.0 111.0
 200 31.1 25.7 38.5



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

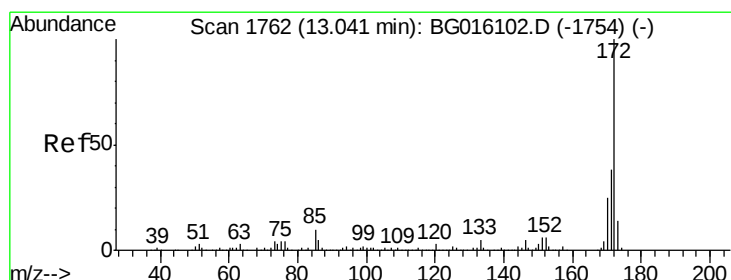
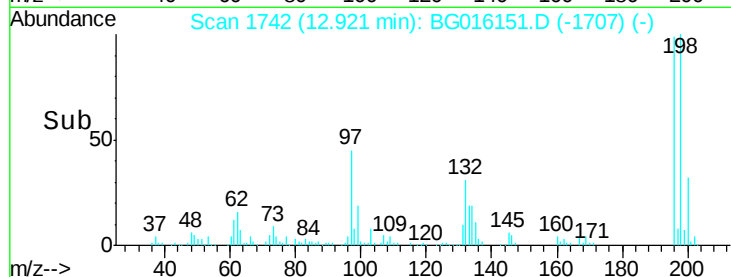
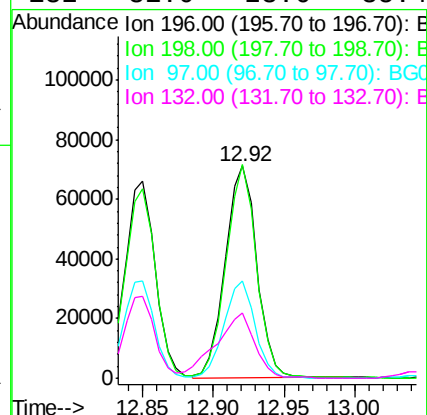
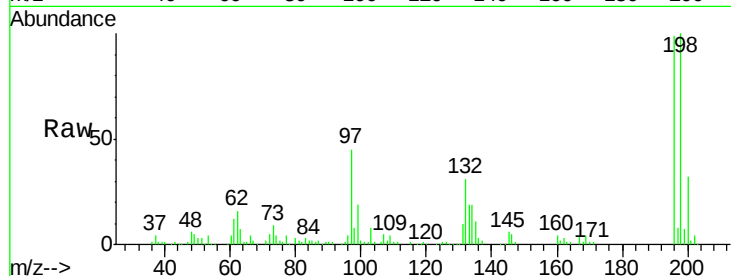




#43
 2,4,5-Trichlorophenol
 Concen: 41.85 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

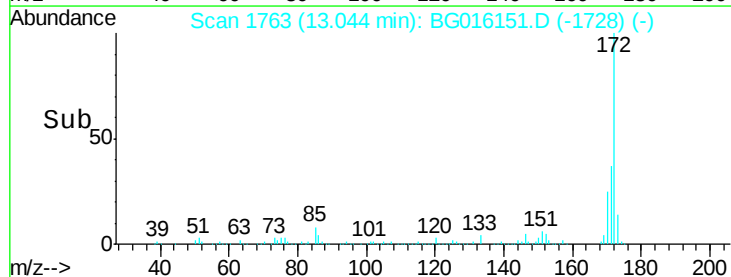
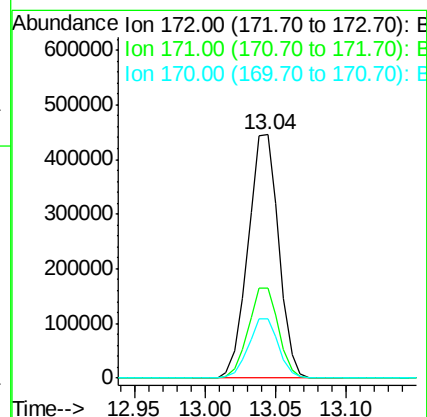
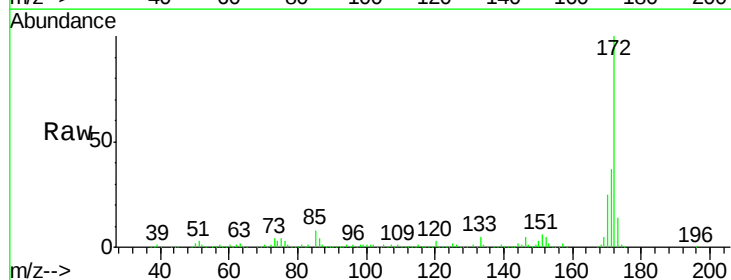
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

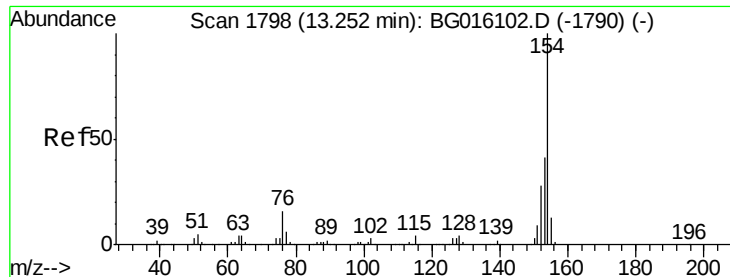
Tgt Ion	Resp	Lower	Upper
196	110246		
198	100.7	76.2	114.4
97	45.6	36.2	54.4
132	31.0	23.6	35.4



#44
 2-Fluorobiphenyl
 Concen: 84.38 ng
 RT: 13.04 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion	Resp	Lower	Upper
172	676729		
171	37.0	30.3	45.5
170	24.6	19.8	29.8

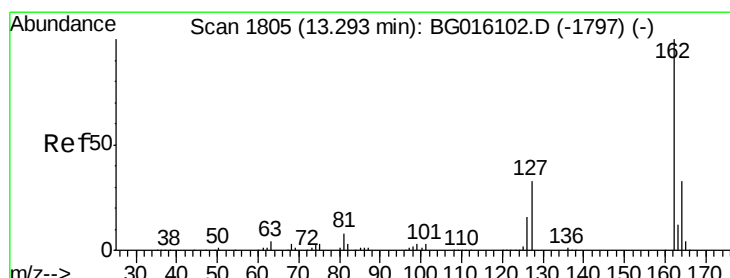
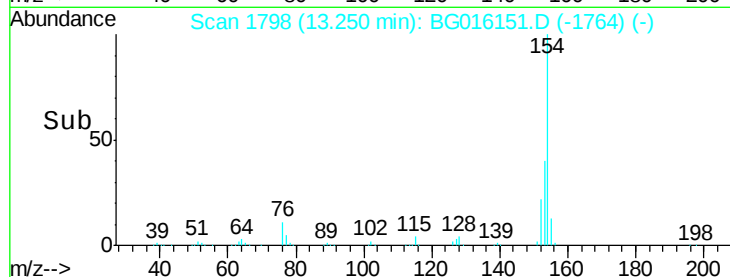
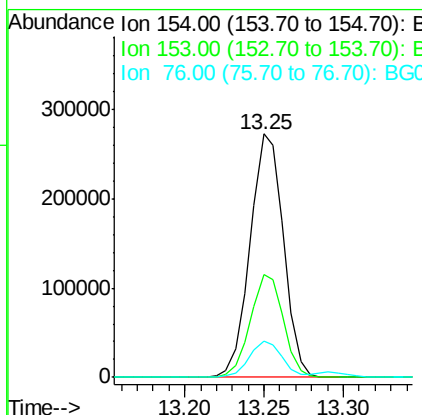
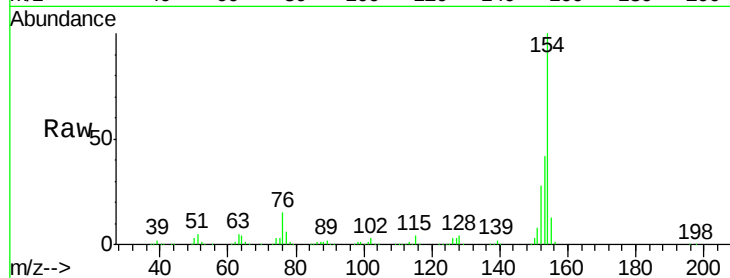




#45
 1,1'-Biphenyl
 Concen: 40.42 ng
 RT: 13.25 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

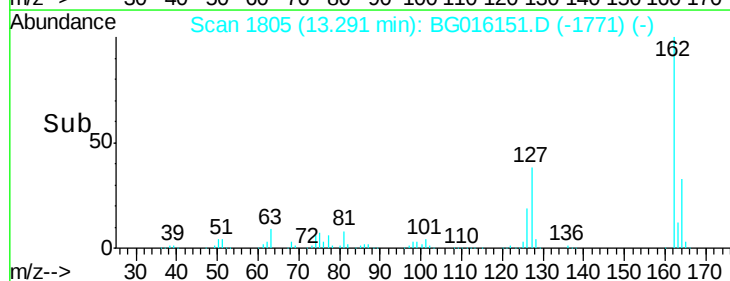
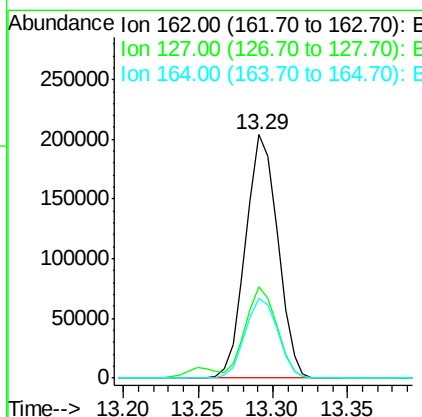
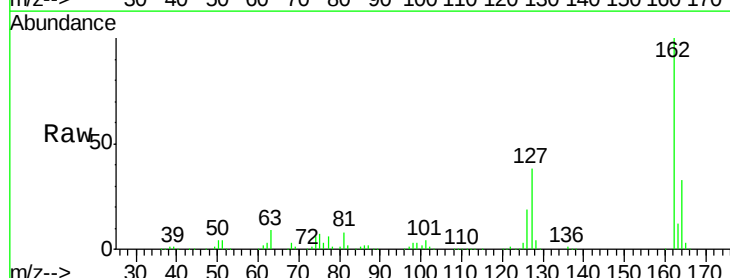
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.4	61.4
76	14.8	0.0	35.5



#46
 2-Chloronaphthalene
 Concen: 39.58 ng
 RT: 13.29 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	29.4	44.2
164	32.7	26.1	39.1

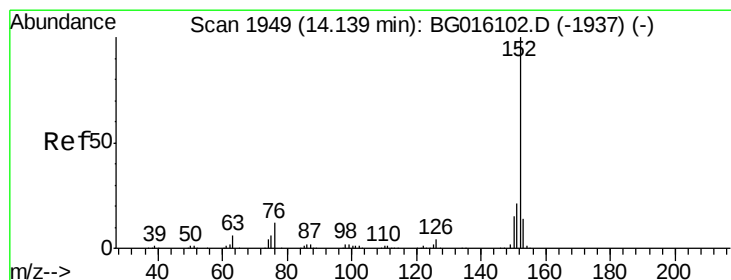
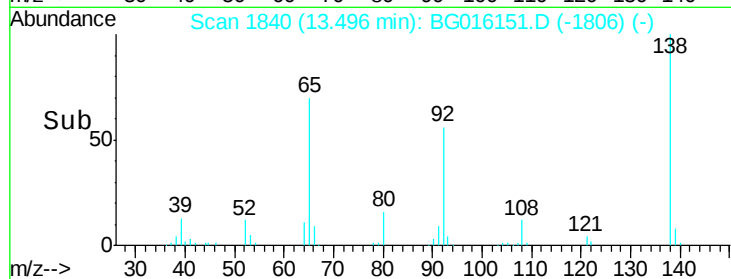
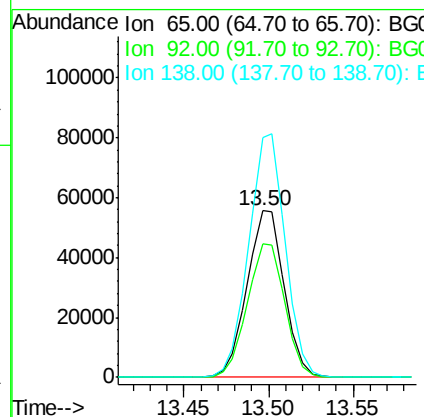
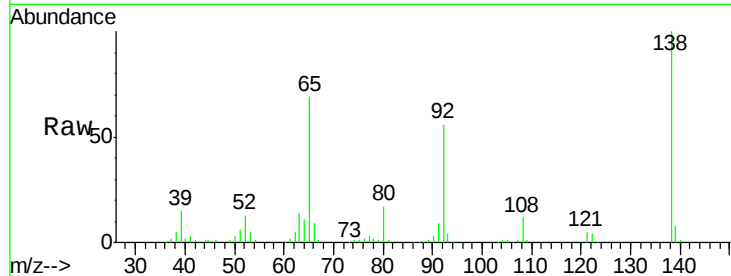




#47
2-Nitroaniline
Concen: 38.46 ng
RT: 13.50 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

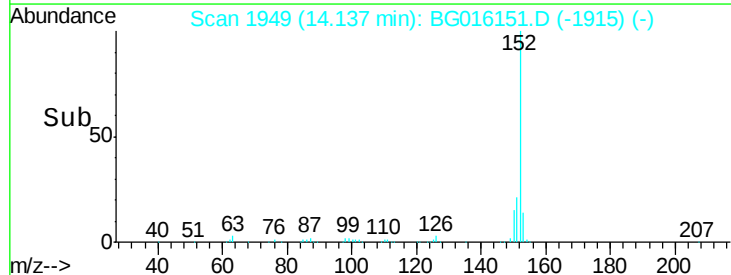
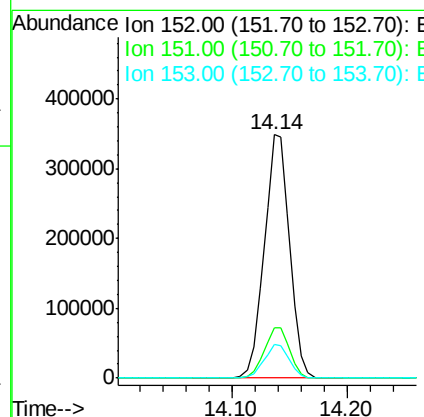
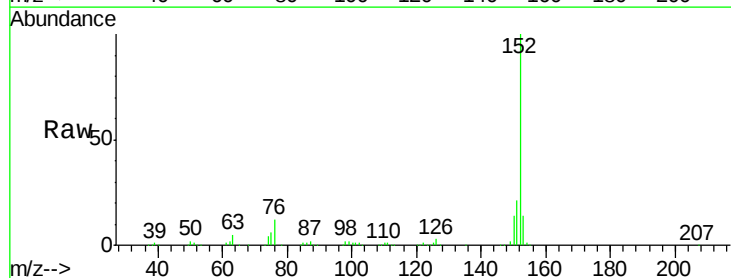
Instrument :
BNA_G
ClientSampleId :
PB82338BS

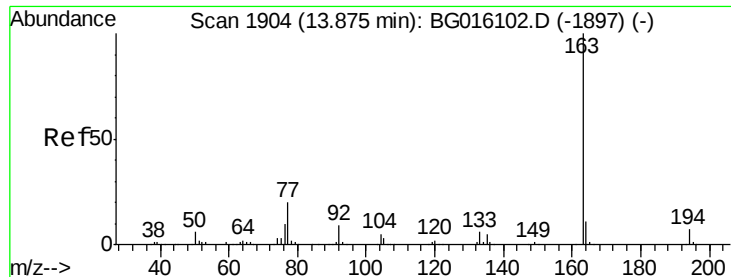
Tgt Ion: 65 Resp: 84827
Ion Ratio Lower Upper
65 100
92 80.6 64.2 96.4
138 144.1 110.4 165.6



#48
Acenaphthylene
Concen: 37.97 ng
RT: 14.14 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion: 152 Resp: 532823
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.8 11.0 16.4

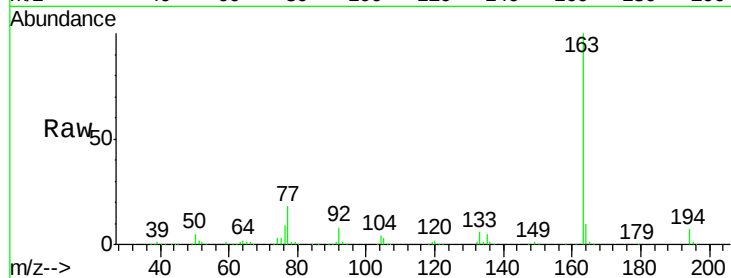




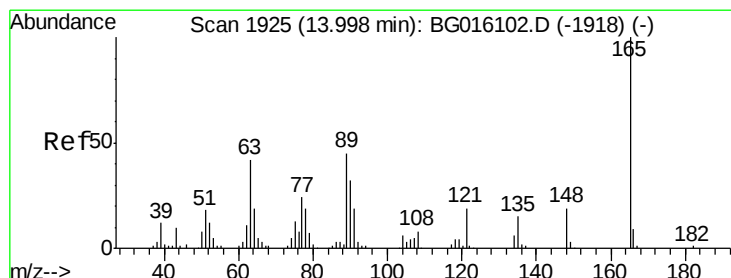
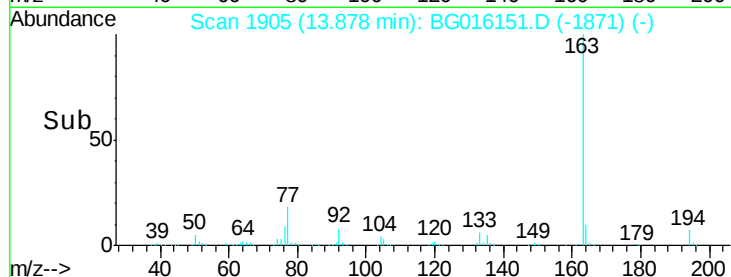
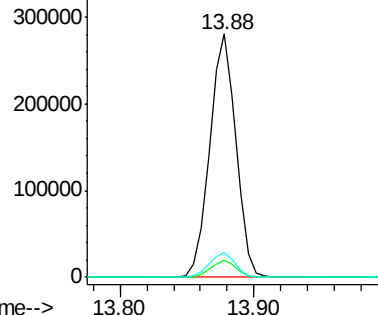
#49
Dimethylphthalate
Concen: 40.24 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion:163 Resp: 378849
Ion Ratio Lower Upper
163 100
194 7.0 5.4 8.0
164 10.2 8.6 13.0

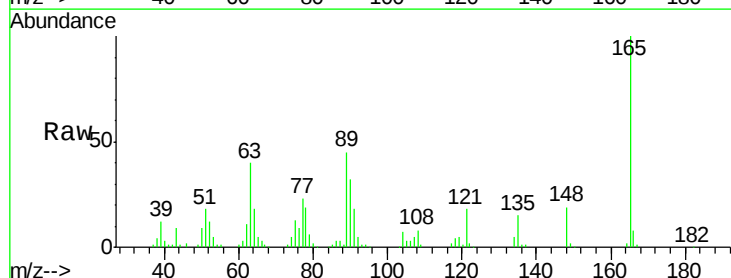


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

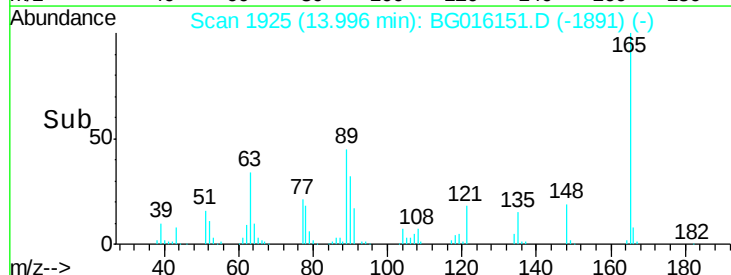
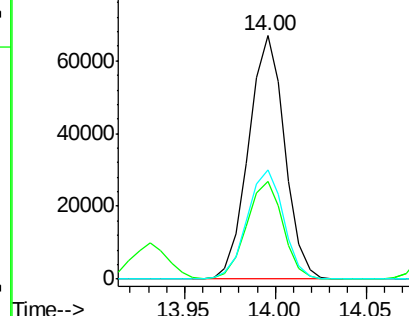


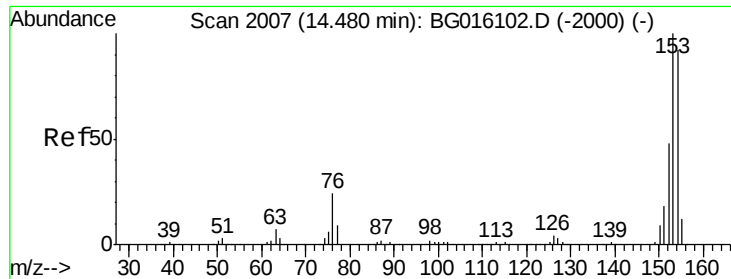
#50
2,6-Dinitrotoluene
Concen: 41.58 ng
RT: 14.00 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:165 Resp: 92824
Ion Ratio Lower Upper
165 100
63 39.9 33.8 50.6
89 44.9 35.8 53.8



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





#51

Acenaphthene

Concen: 38.24 ng

RT: 14.48 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

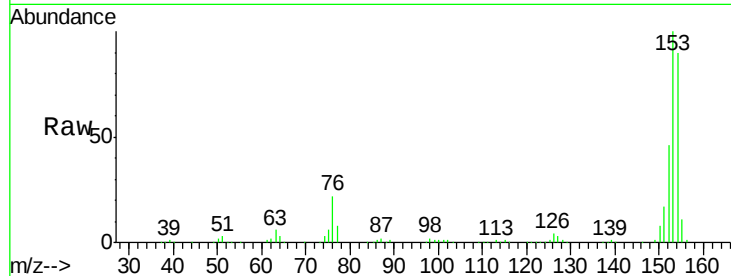
Tgt Ion:154 Resp: 323682

Ion Ratio Lower Upper

154 100

153 110.5 87.2 130.8

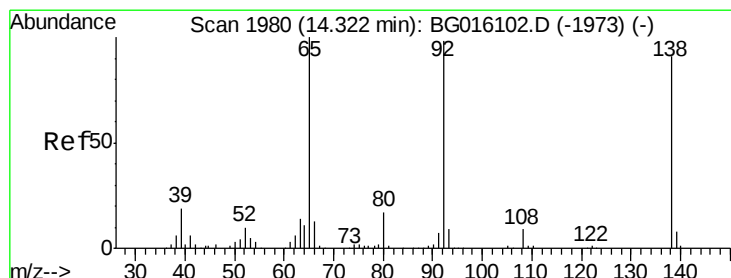
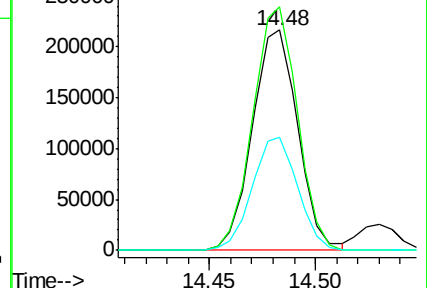
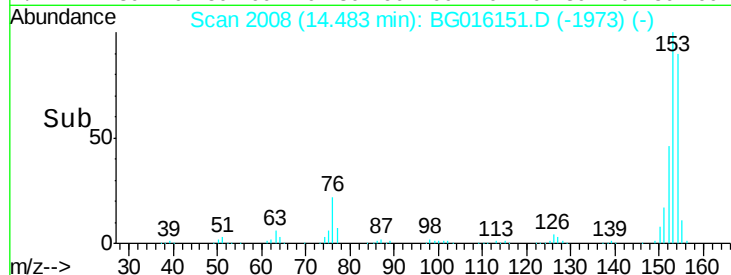
152 51.3 41.8 62.6



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: 26.55 ng

RT: 14.32 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

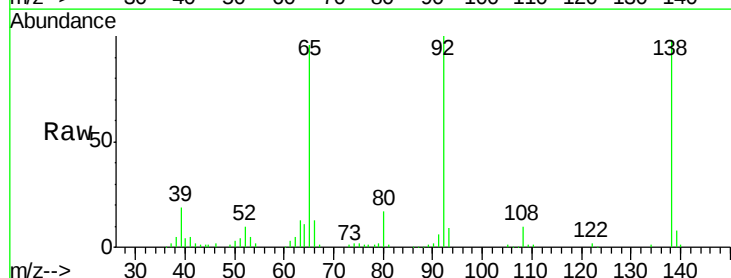
Tgt Ion:138 Resp: 72582

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

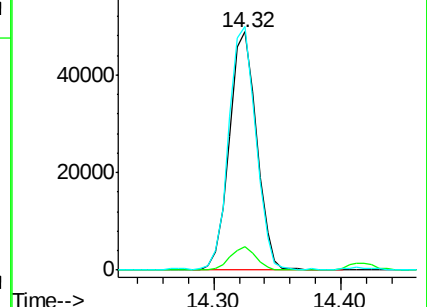
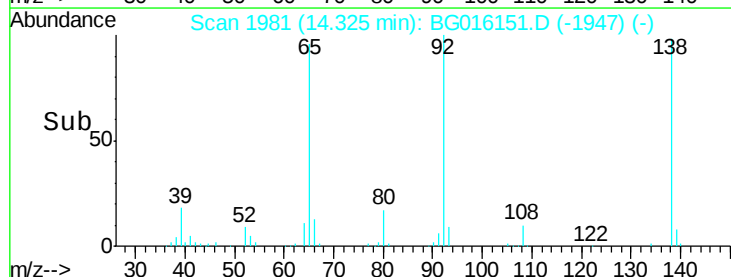
92 102.2 85.8 128.8

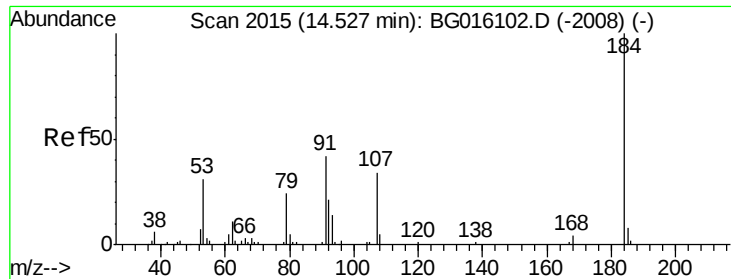


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

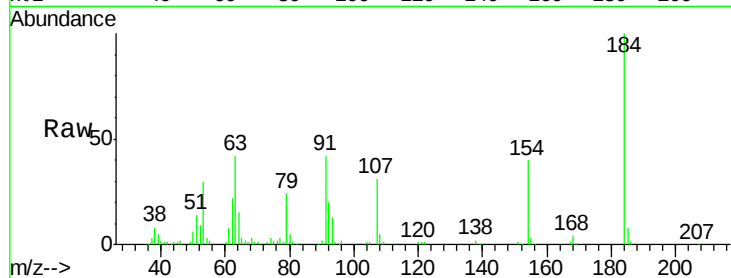




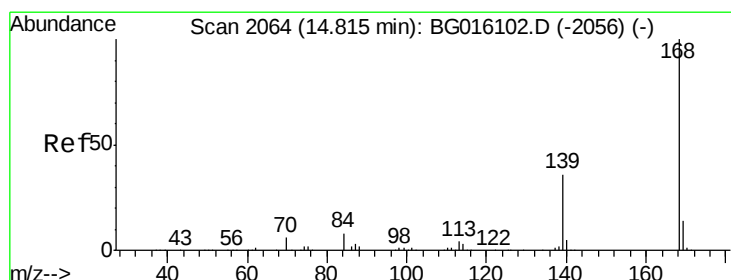
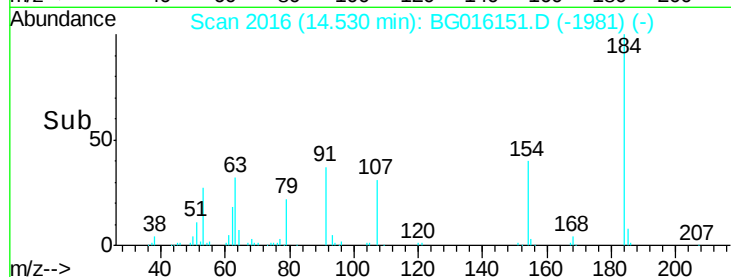
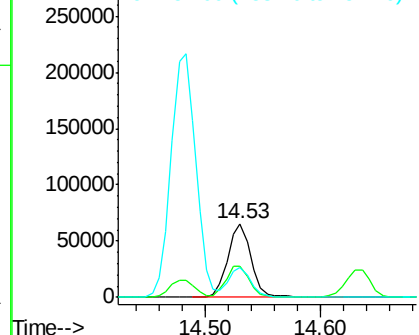
#53
2,4-Dinitrophenol
Concen: 68.10 ng
RT: 14.53 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Instrument :
BNA_G
ClientSampleId :
PB82338BS

Tgt Ion:184 Resp: 92085
Ion Ratio Lower Upper
184 100
63 41.9 36.5 54.7
154 39.7 30.2 45.4

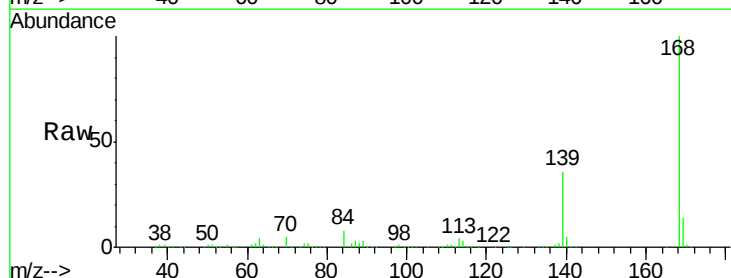


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

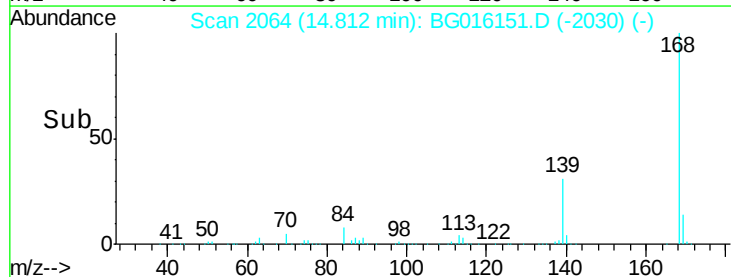
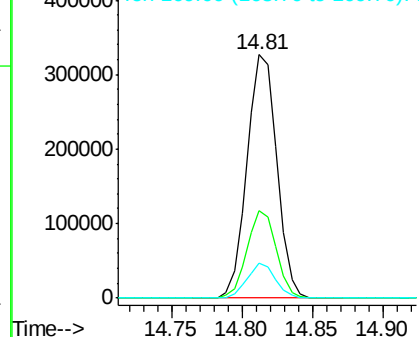


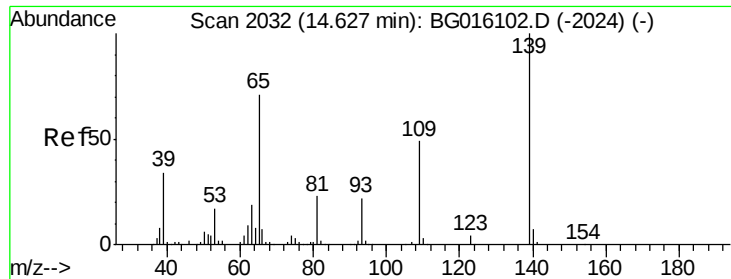
#54
Dibenzofuran
Concen: 40.91 ng
RT: 14.81 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:168 Resp: 483775
Ion Ratio Lower Upper
168 100
139 36.0 29.0 43.4
169 14.2 11.1 16.7



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

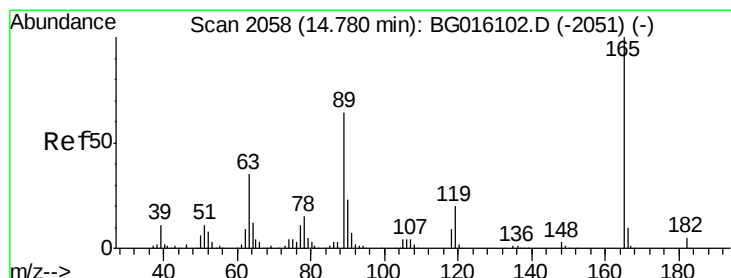
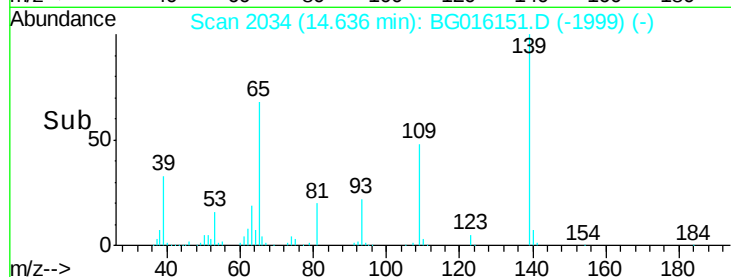
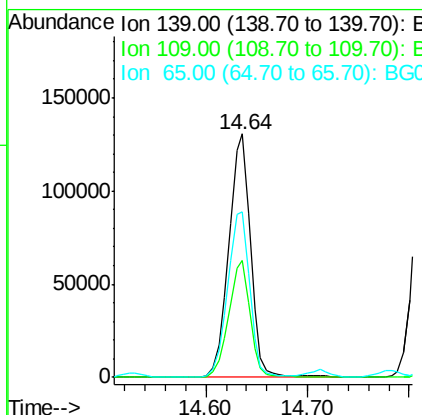
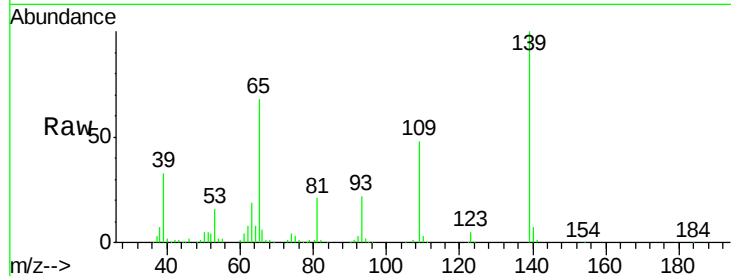




#55
4-Nitrophenol
Concen: 87.88 ng
RT: 14.64 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

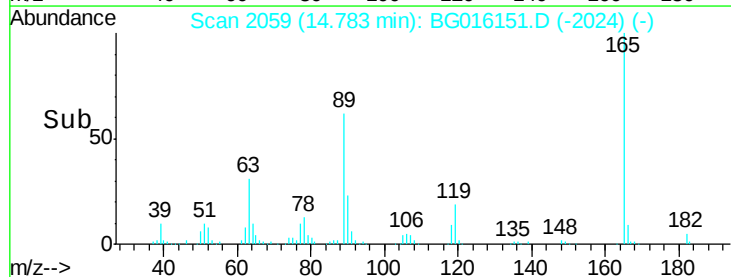
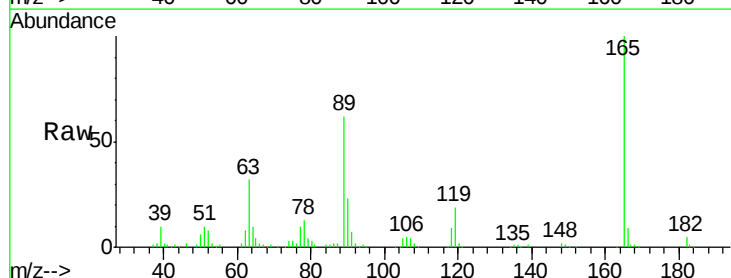
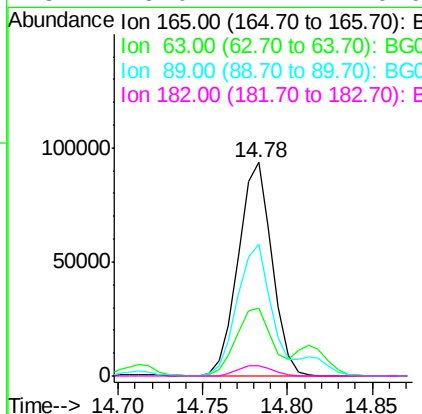
Instrument :
BNA_G
ClientSampleId :
PB82338BS

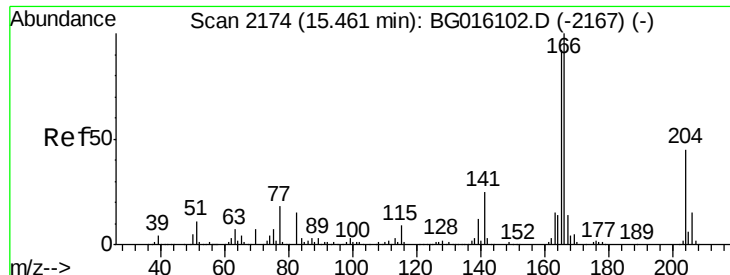
Tgt Ion:139 Resp: 194619
Ion Ratio Lower Upper
139 100
109 47.9 28.7 68.7
65 68.0 50.7 90.7



#56
2,4-Dinitrotoluene
Concen: 42.46 ng
RT: 14.78 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:165 Resp: 129905
Ion Ratio Lower Upper
165 100
63 31.7 27.8 41.6
89 61.7 51.2 76.8
182 5.0 4.4 6.6





#57

Fluorene

Concen: 39.21 ng

RT: 15.46 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

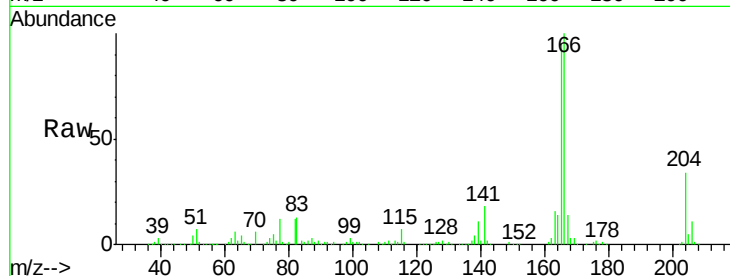
Tgt Ion:166 Resp: 413768

Ion Ratio Lower Upper

166 100

165 94.8 73.9 110.9

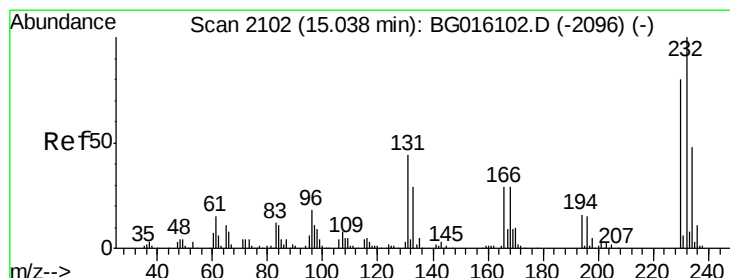
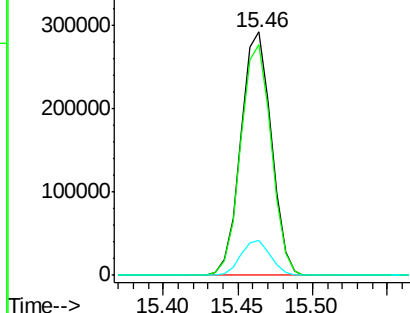
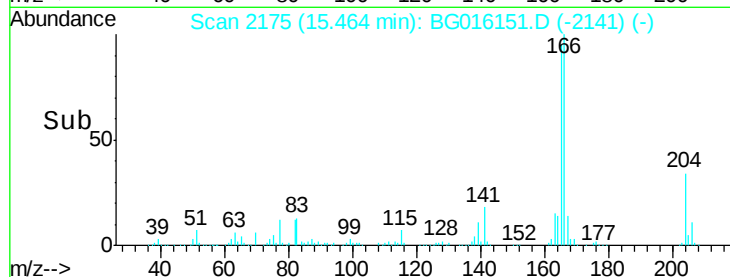
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.70 ng

RT: 15.04 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Tgt Ion:232 Resp: 100256

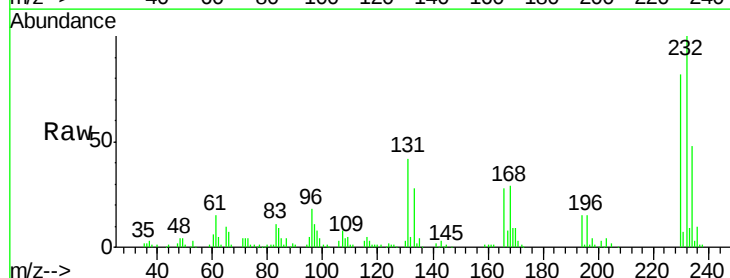
Ion Ratio Lower Upper

232 100

131 43.4 36.0 54.0

130 2.3 1.9 2.9

166 29.9 24.1 36.1

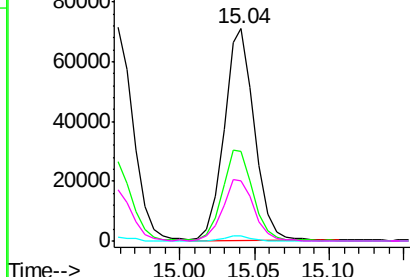
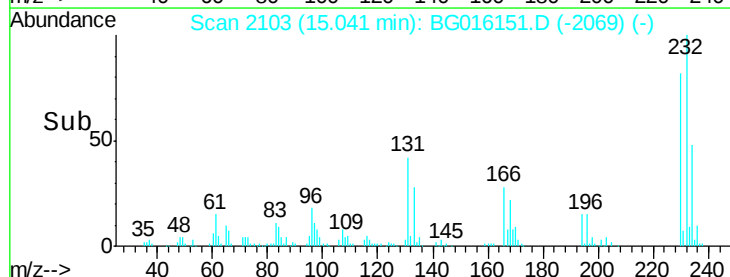


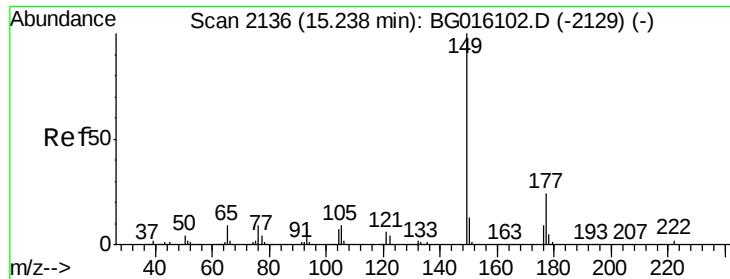
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

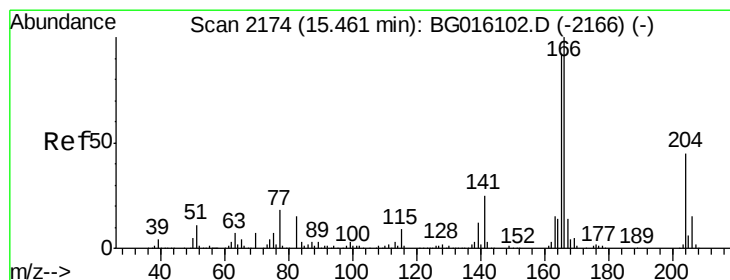
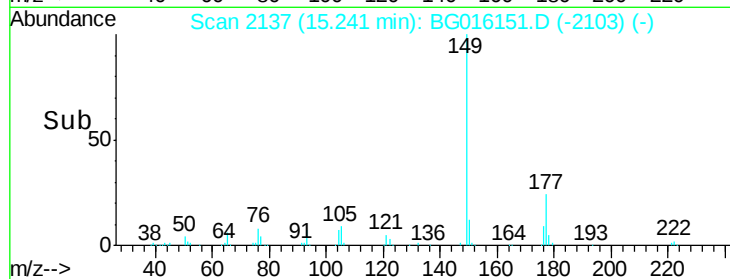
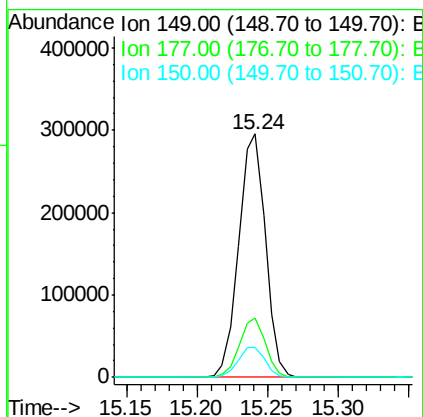
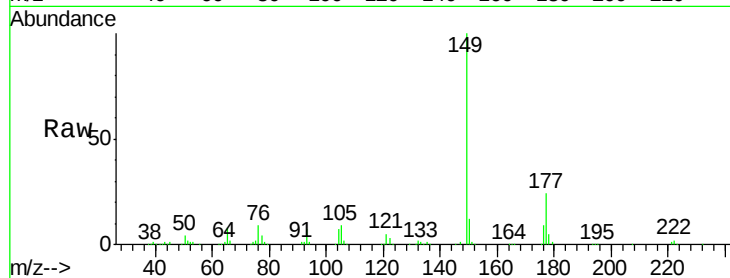




#59
Diethylphthalate
Concen: 40.26 ng
RT: 15.24 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

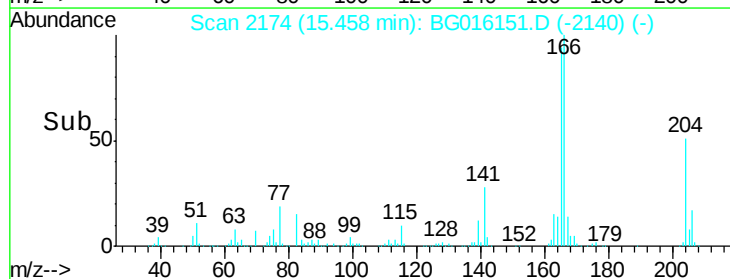
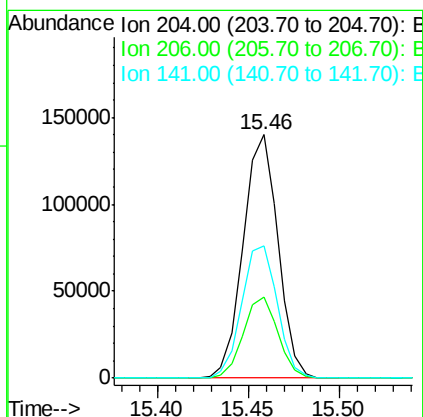
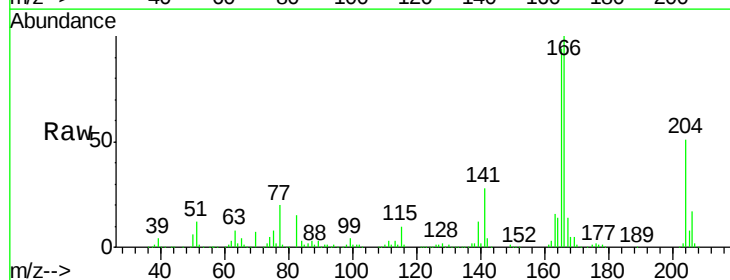
Instrument :
BNA_G
ClientSampleId :
PB82338BS

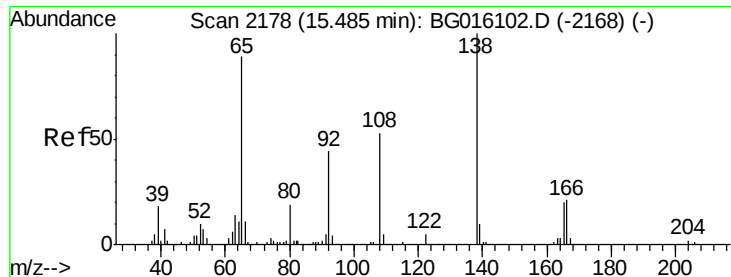
Tgt Ion:149 Resp: 389736
Ion Ratio Lower Upper
149 100
177 24.5 19.5 29.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.42 ng
RT: 15.46 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:204 Resp: 187628
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 54.1 45.0 67.6

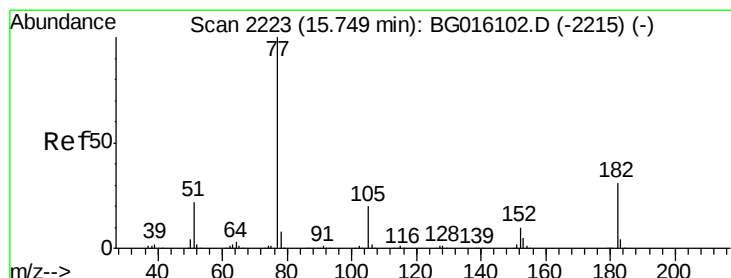
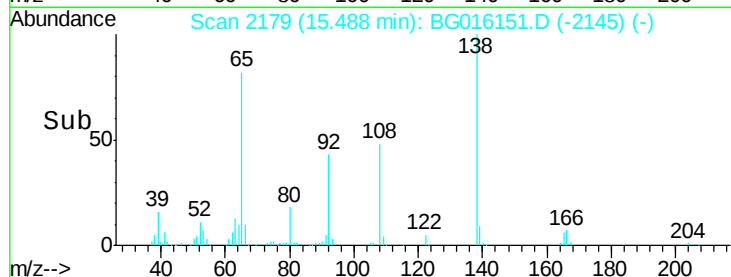
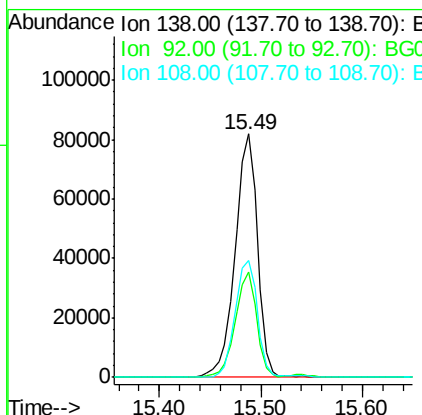
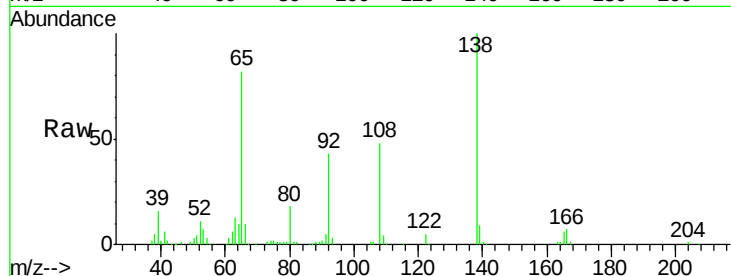




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 15.49 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

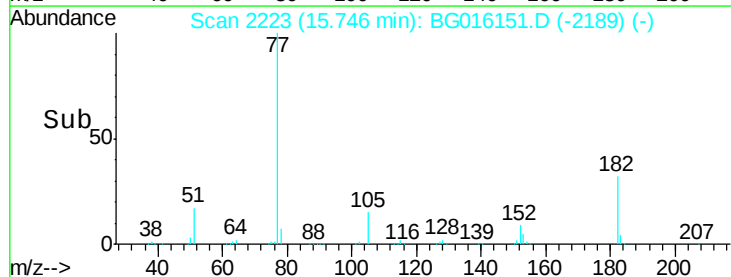
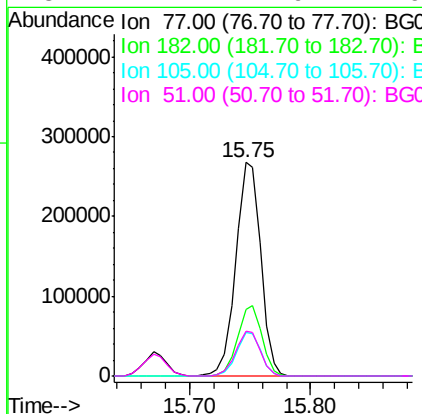
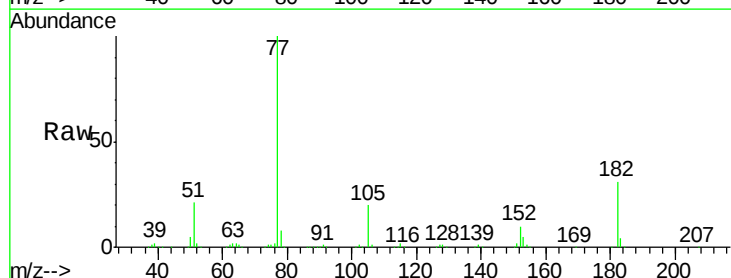
Instrument :
BNA_G
ClientSampleId :
PB82338BS

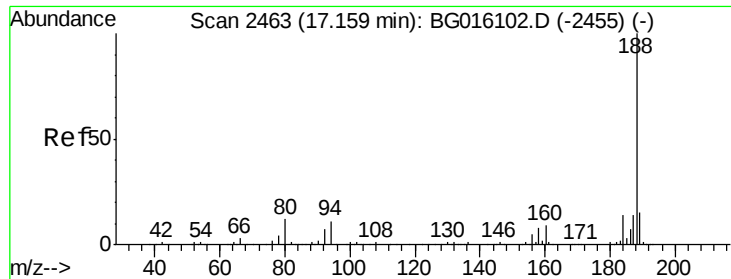
Tgt Ion: 138 Resp: 125392
Ion Ratio Lower Upper
138 100
92 43.5 24.2 64.2
108 48.2 32.7 72.7



#62
Azobenzene
Concen: 38.61 ng
RT: 15.75 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion: 77 Resp: 385033
Ion Ratio Lower Upper
77 100
182 31.4 10.9 50.9
105 20.4 0.0 40.0
51 21.2 1.9 41.9

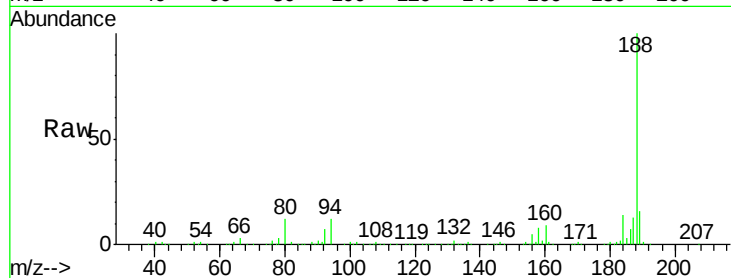




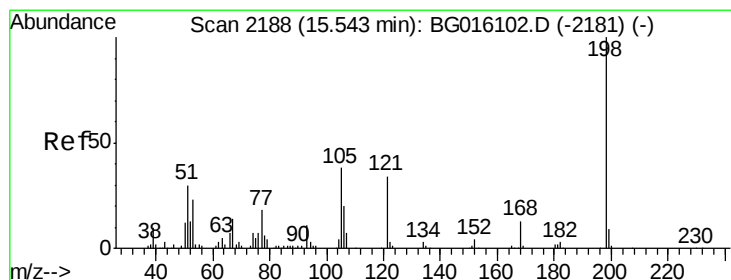
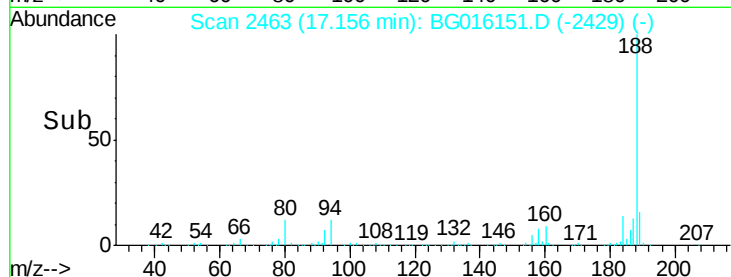
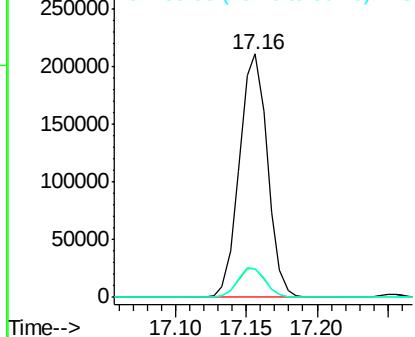
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Tgt Ion:188 Resp: 292857
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.1 13.7
 80 11.7 9.8 14.8

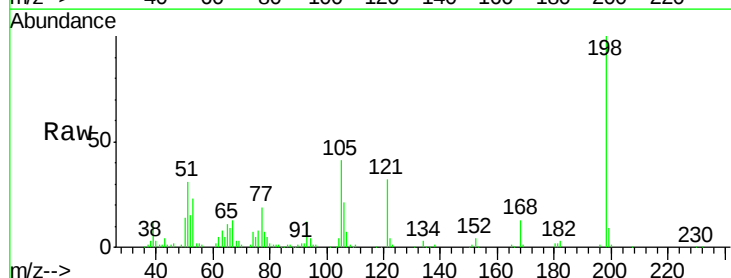


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

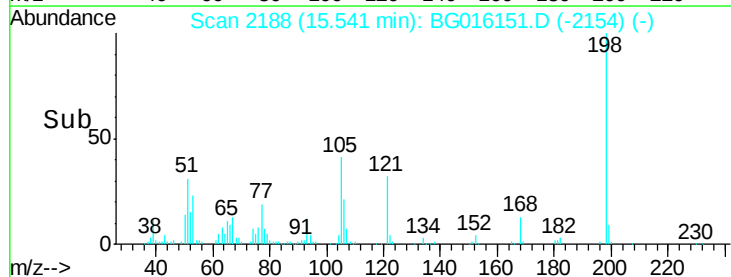
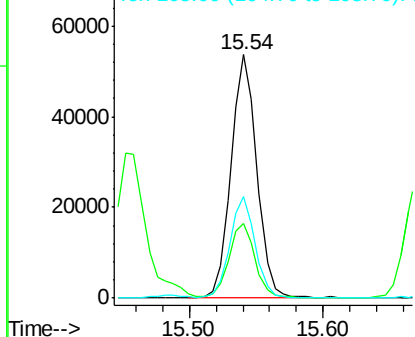


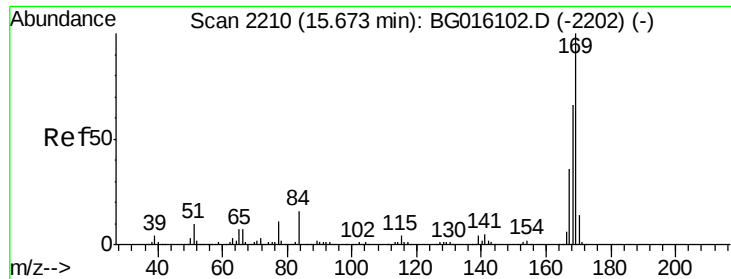
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.26 ng
 RT: 15.54 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion:198 Resp: 72523
 Ion Ratio Lower Upper
 198 100
 51 30.7 10.7 50.7
 105 41.5 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.08 ng

RT: 15.67 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

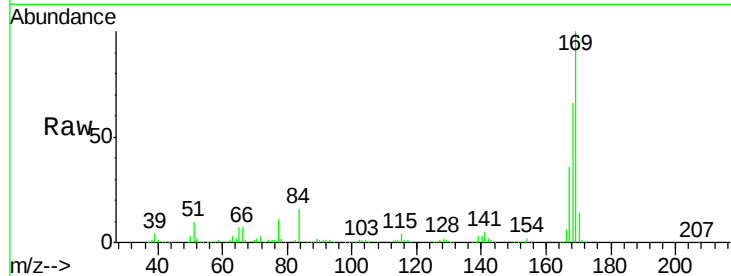
Tgt Ion:169 Resp: 364924

Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.4

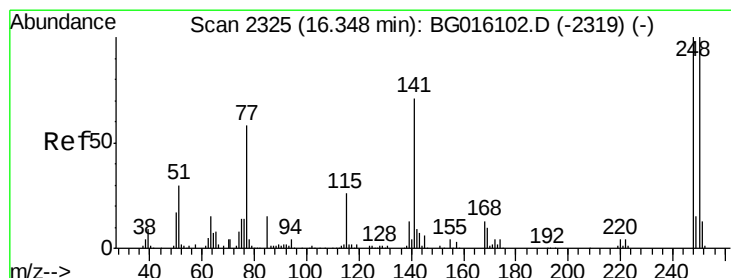
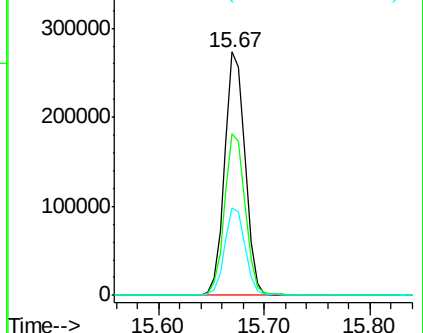
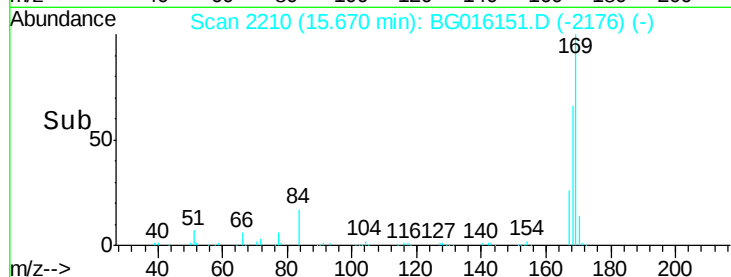
167 36.1 29.0 43.4



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: 39.49 ng

RT: 16.35 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

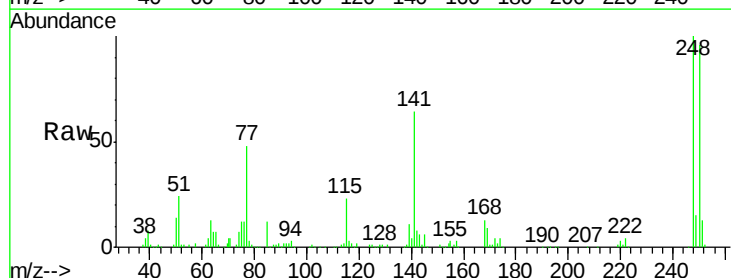
Tgt Ion:248 Resp: 118673

Ion Ratio Lower Upper

248 100

250 96.1 80.2 120.2

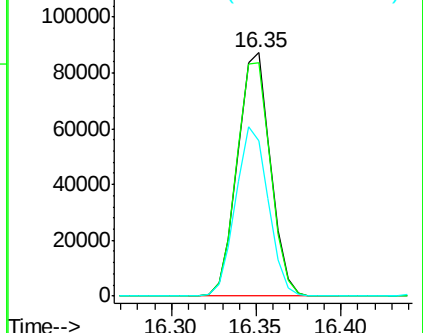
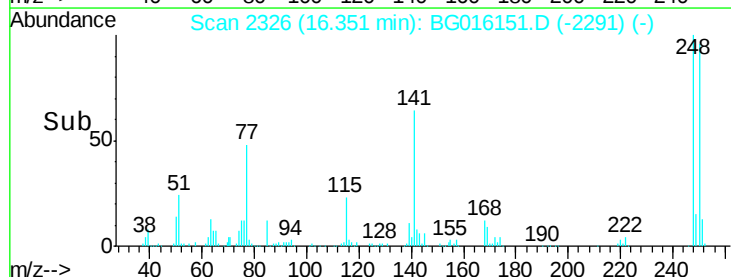
141 64.0 57.0 85.4

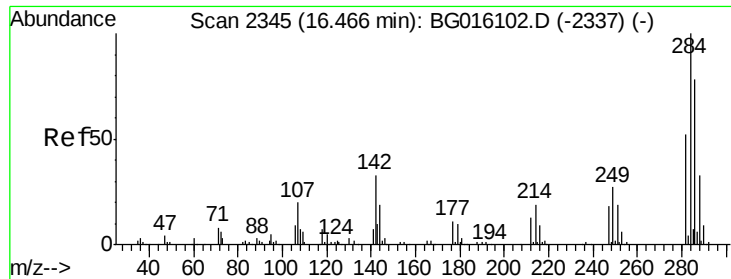


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.66 ng

RT: 16.46 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

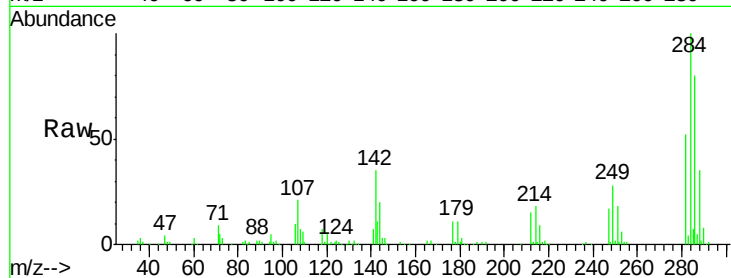
Tgt Ion:284 Resp: 133940

Ion Ratio Lower Upper

284 100

142 34.6 26.7 40.1

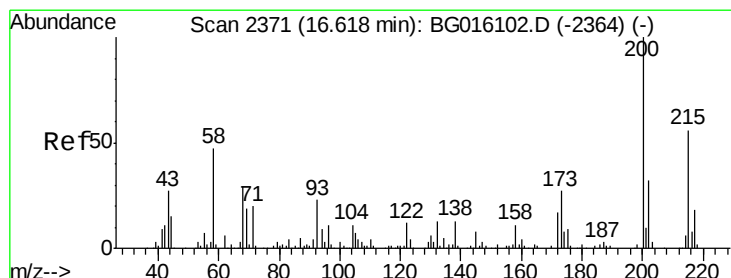
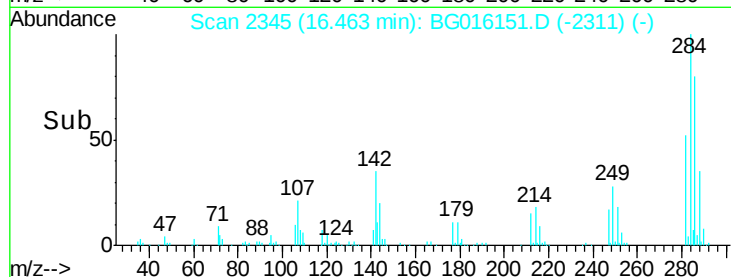
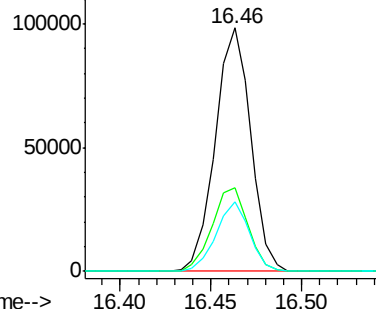
249 28.3 21.8 32.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.45 ng

RT: 16.62 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

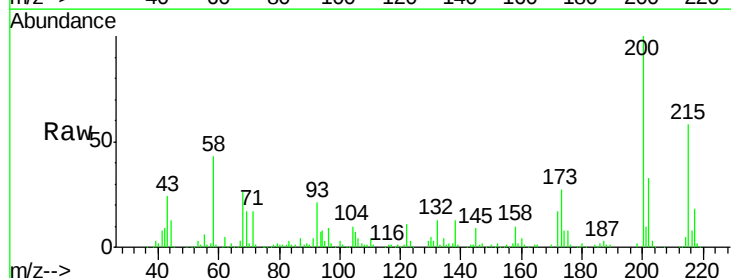
Tgt Ion:200 Resp: 126286

Ion Ratio Lower Upper

200 100

173 26.9 7.5 47.5

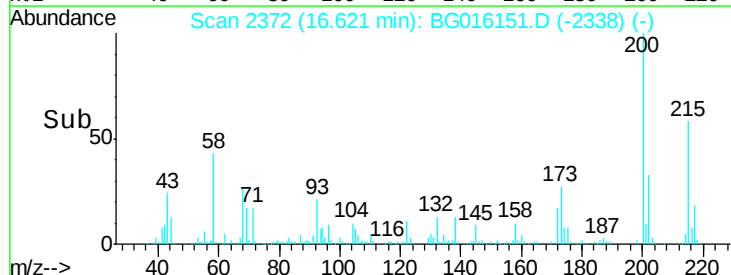
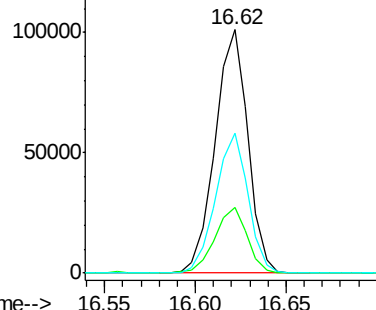
215 57.5 36.4 76.4

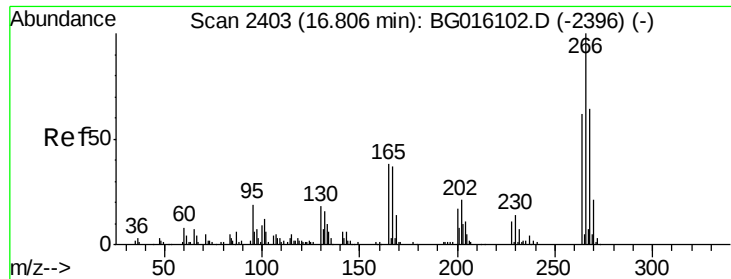


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

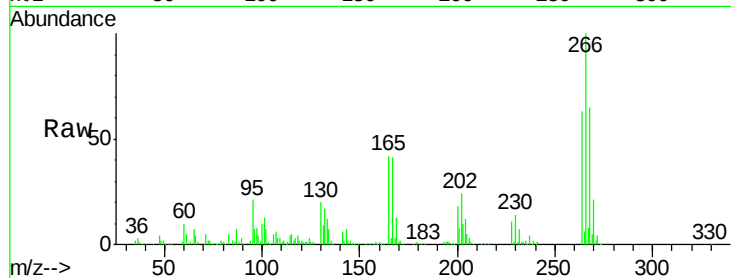




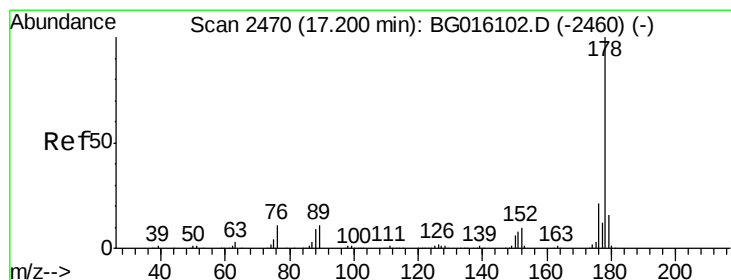
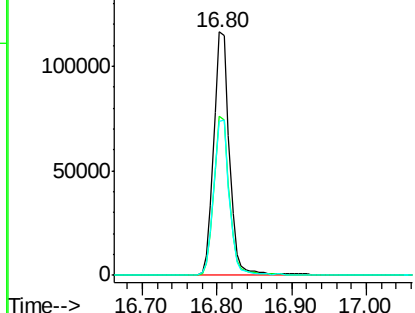
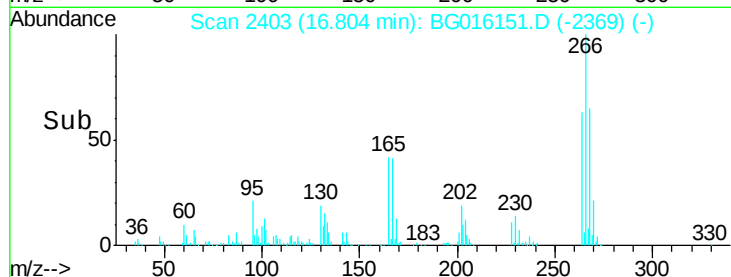
#69
 Pentachlorophenol
 Concen: 88.50 ng
 RT: 16.80 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Tgt Ion: 266 Resp: 170445
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.5 77.3
 264 63.4 49.8 74.6

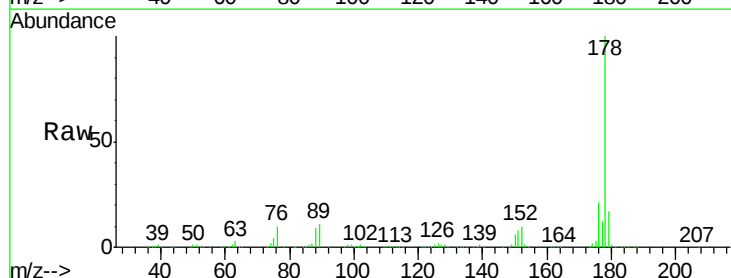


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

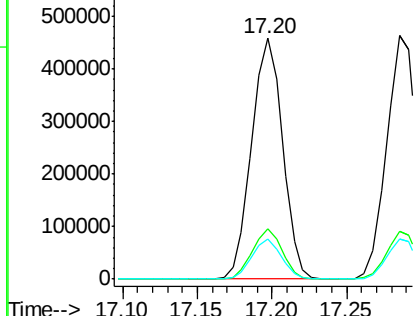
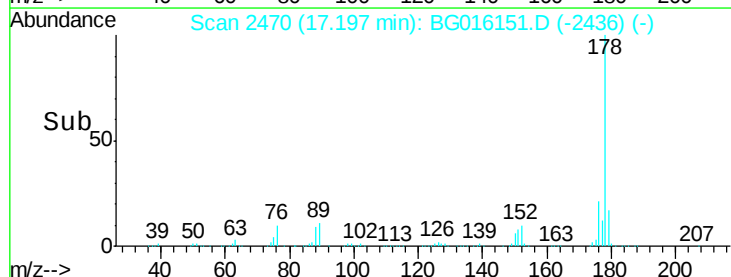


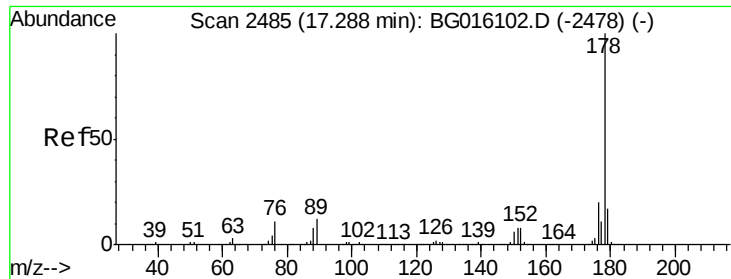
#70
 Phenanthrene
 Concen: 39.96 ng
 RT: 17.20 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion: 178 Resp: 656609
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 16.8 13.0 19.6



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

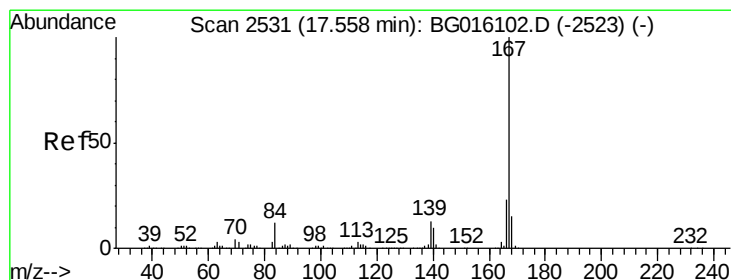
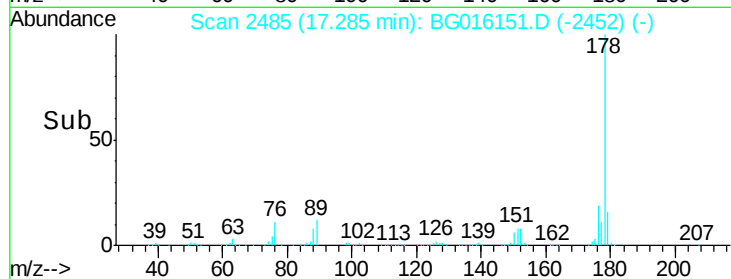
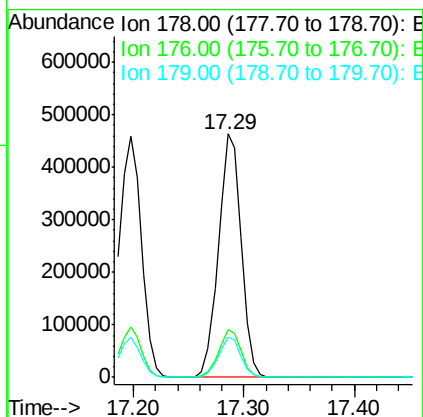
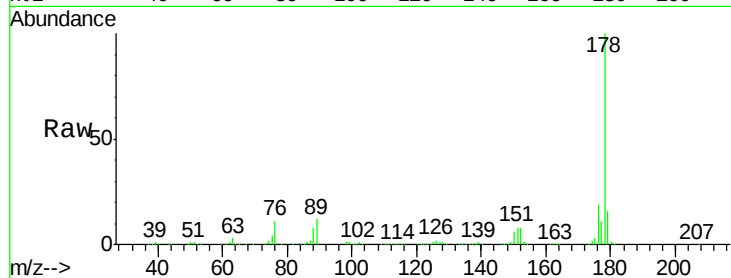




#71
 Anthracene
 Concen: 40.45 ng
 RT: 17.29 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

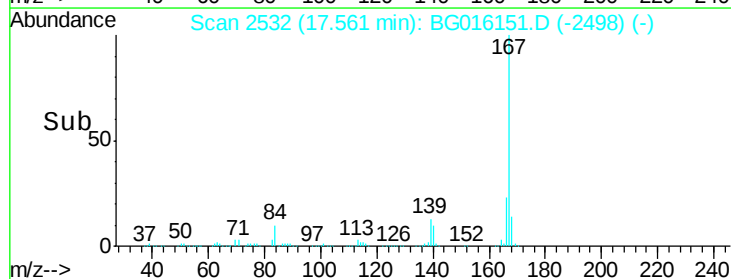
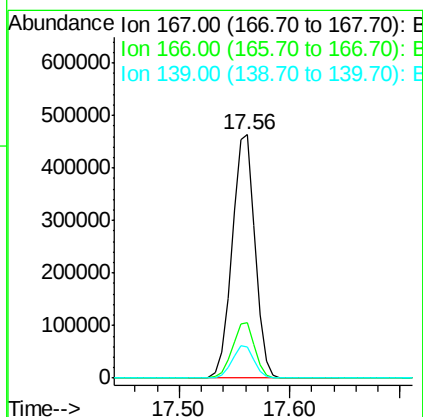
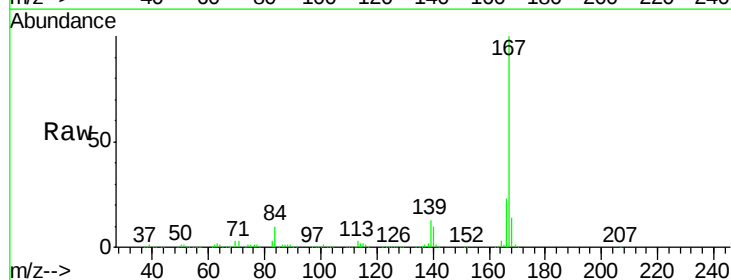
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

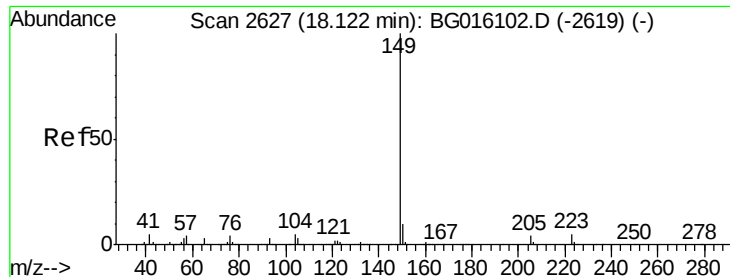
Tgt Ion:178 Resp: 661037
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.3 13.3 19.9



#72
 Carbazole
 Concen: 41.96 ng
 RT: 17.56 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion:167 Resp: 673106
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.9 10.7 16.1





#73

Di-n-butylphthalate

Concen: 42.03 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

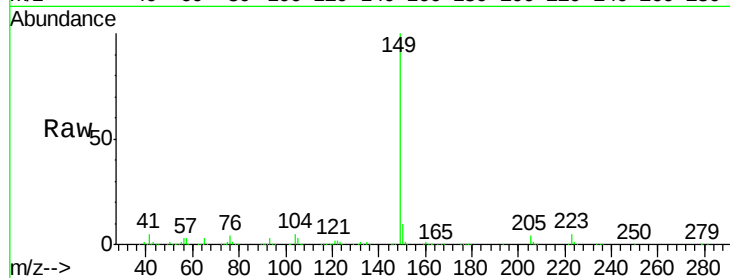
Tgt Ion:149 Resp: 762294

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

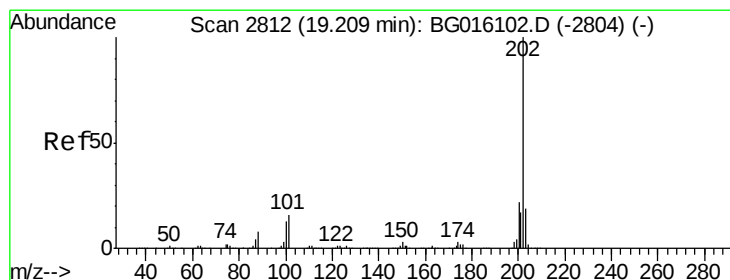
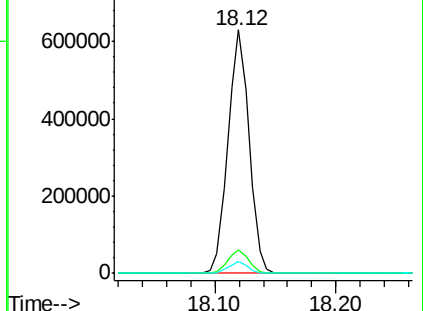
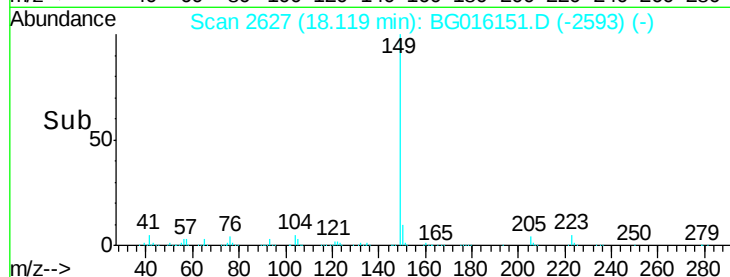
104 4.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.72 ng

RT: 19.21 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

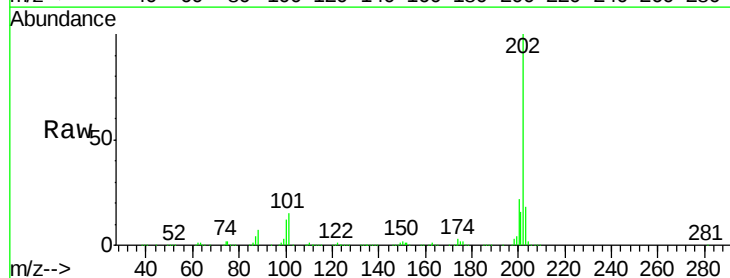
Tgt Ion:202 Resp: 781915

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.9

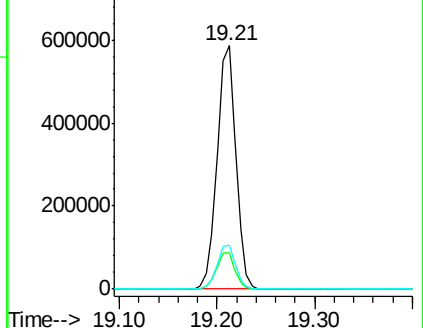
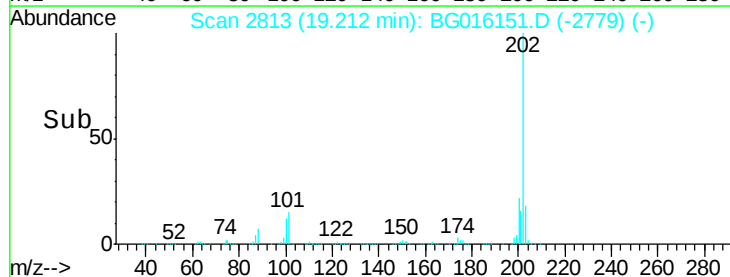
203 18.2 0.0 38.7

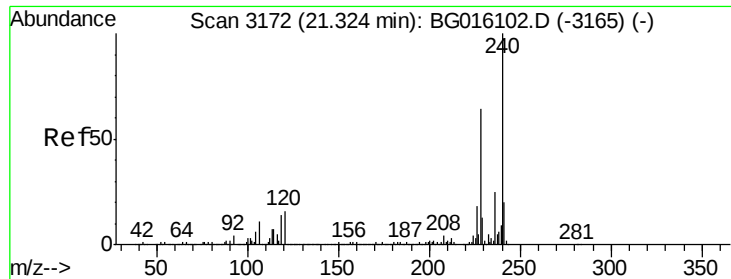


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

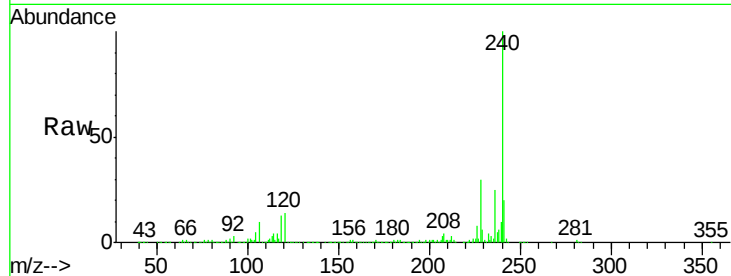
Tgt Ion:240 Resp: 337974

Ion Ratio Lower Upper

240 100

120 14.0 13.0 19.4

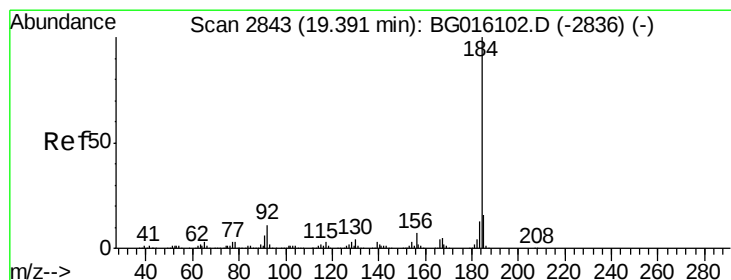
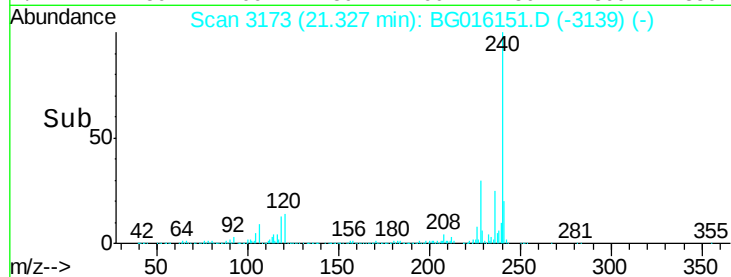
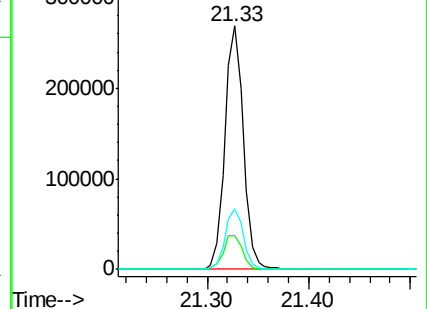
236 24.9 20.2 30.2



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: 34.13 ng

RT: 19.39 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

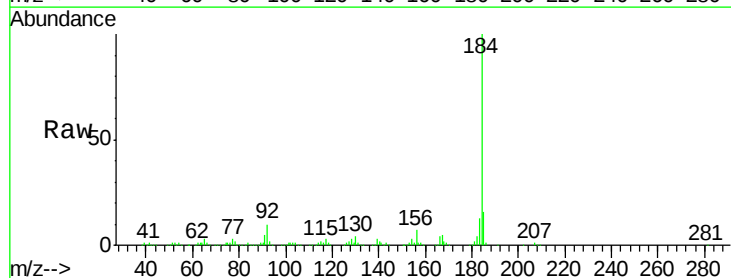
Tgt Ion:184 Resp: 302279

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

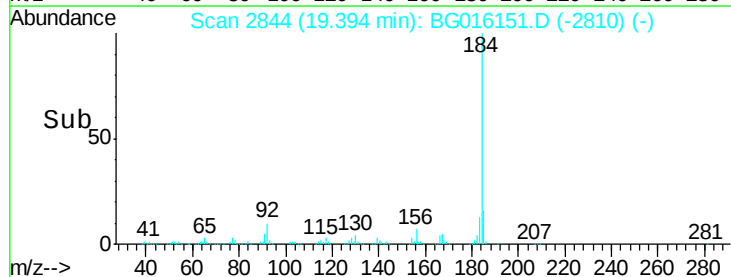
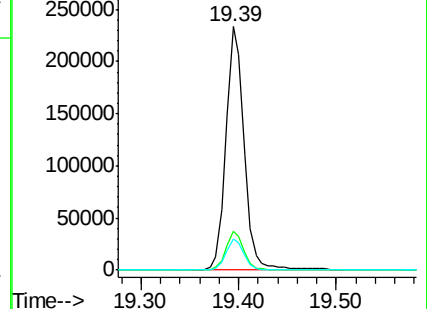
183 12.7 10.2 15.4

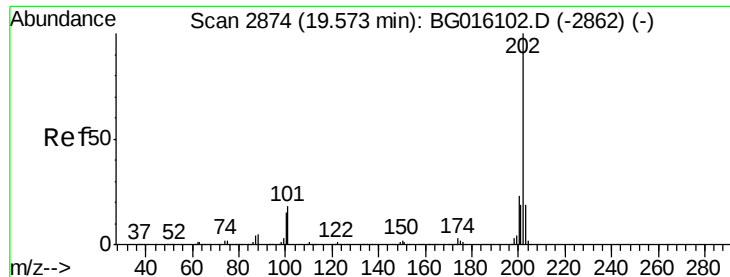


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.19 ng

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

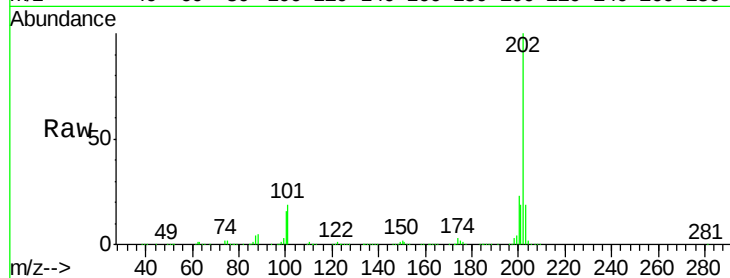
Tgt Ion:202 Resp: 816455

Ion Ratio Lower Upper

202 100

200 22.9 18.4 27.6

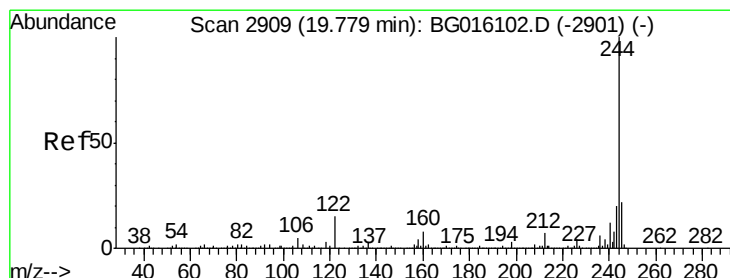
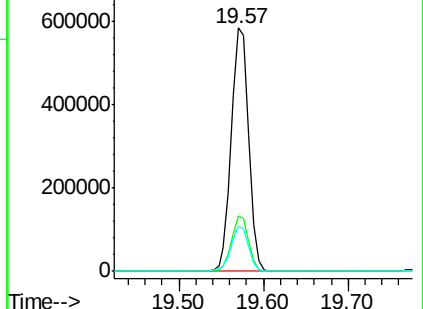
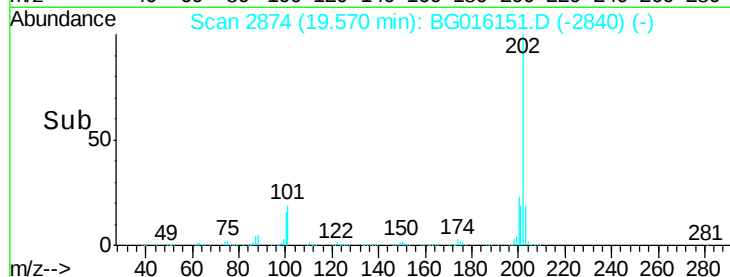
203 18.8 15.4 23.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.06 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

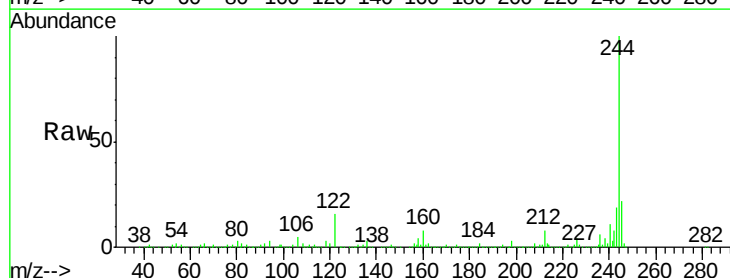
Tgt Ion:244 Resp: 1101203

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

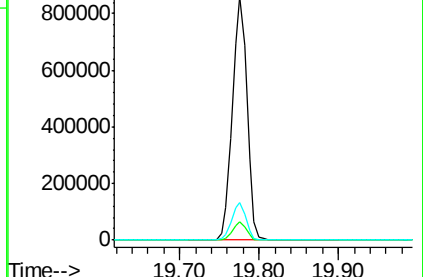
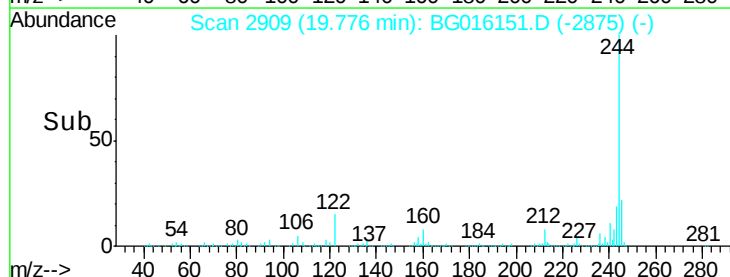
122 15.6 12.2 18.2

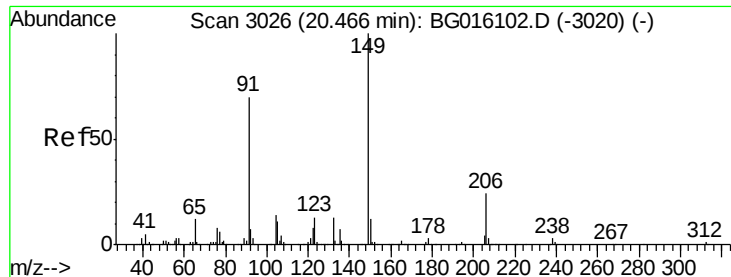


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

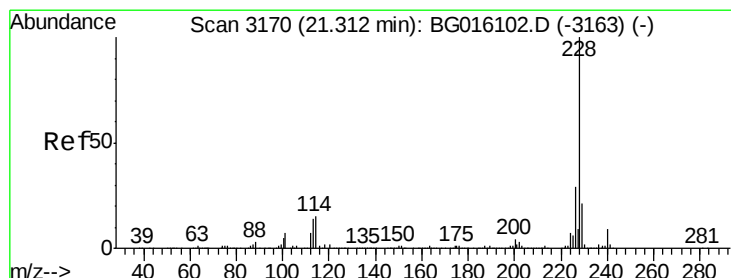
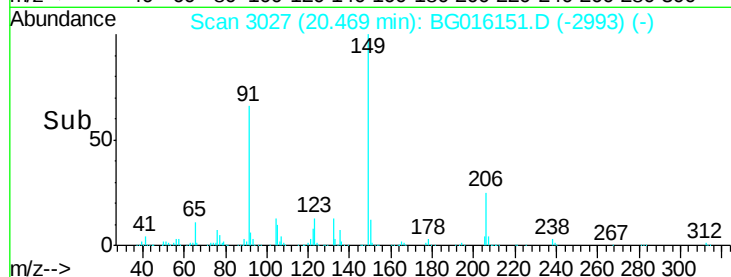
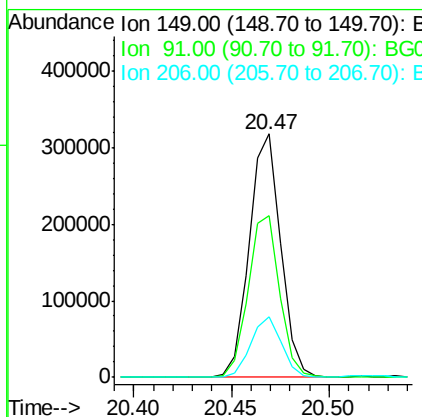
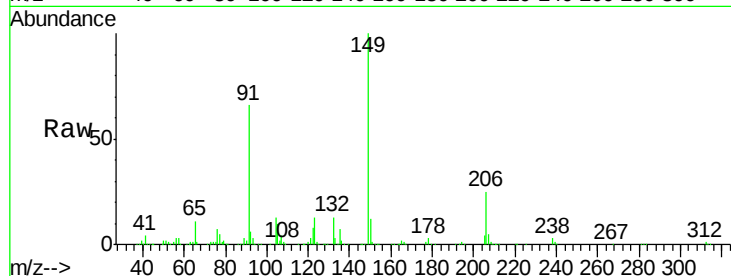




#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 20.47 min Scan# 3027
Delta R.T. -0.00 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

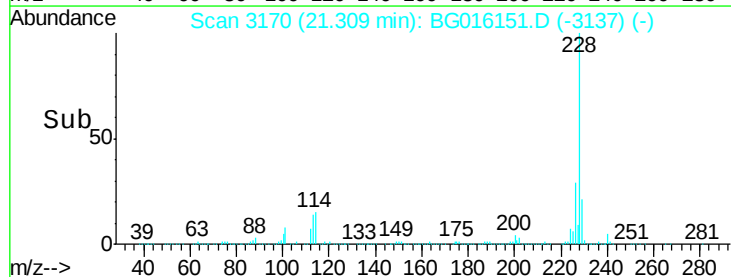
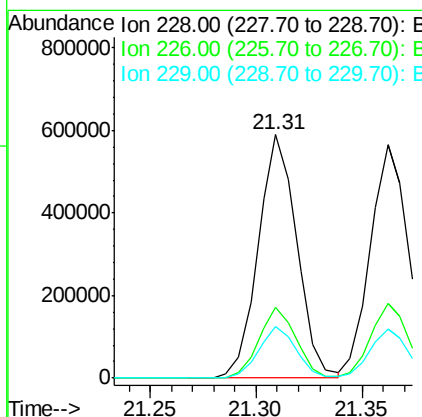
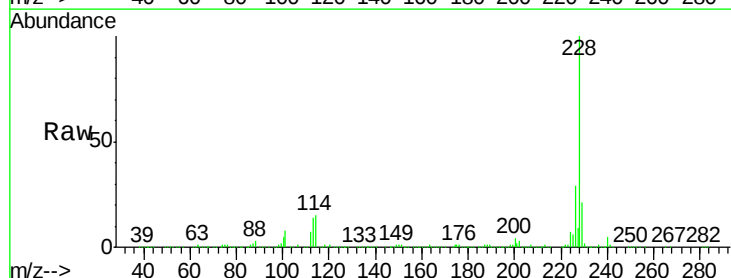
Instrument :
BNA_G
ClientSampleId :
PB82338BS

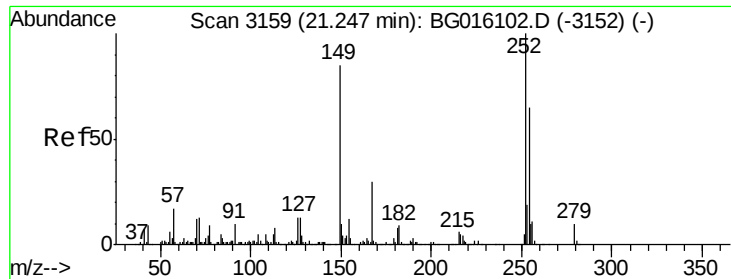
Tgt Ion:149 Resp: 354845
Ion Ratio Lower Upper
149 100
91 66.3 55.8 83.6
206 24.7 19.1 28.7



#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 21.31 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion:228 Resp: 749476
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 21.4 16.8 25.2

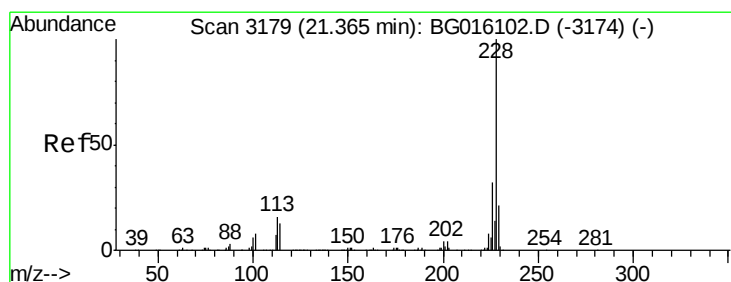
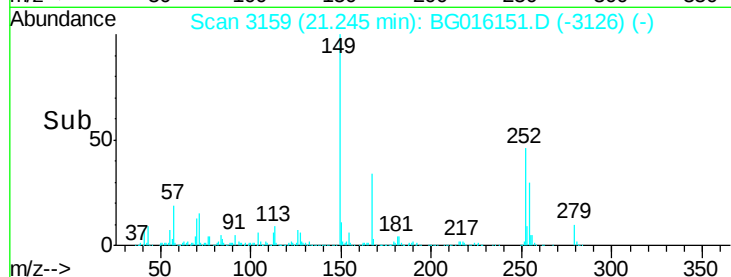
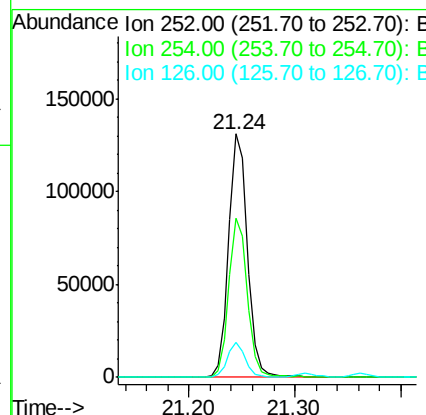
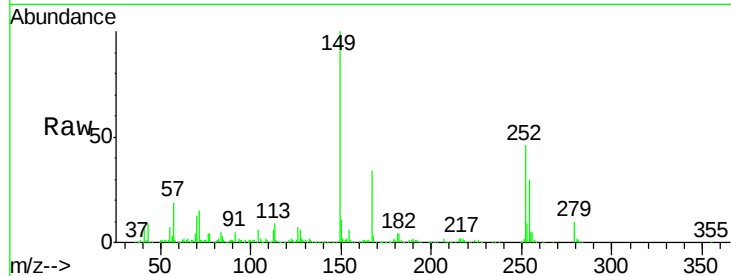




#81
 3,3'-Dichlorobenzidine
 Concen: 24.41 ng
 RT: 21.24 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

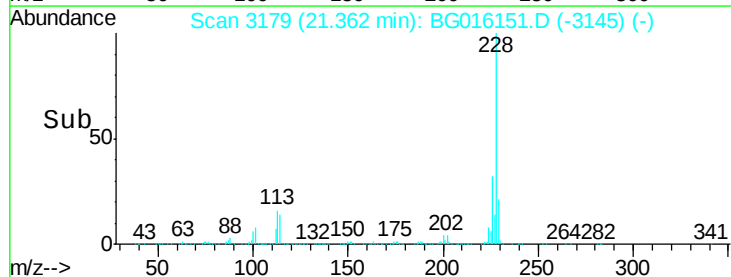
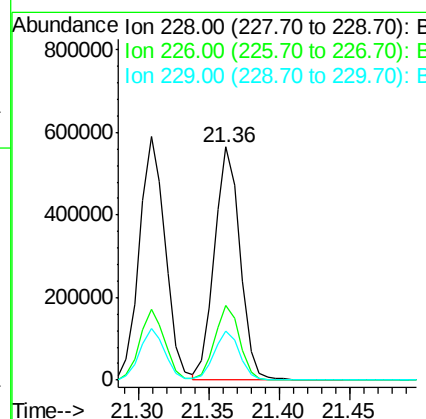
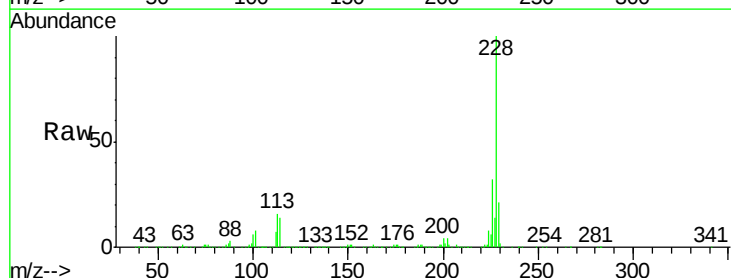
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

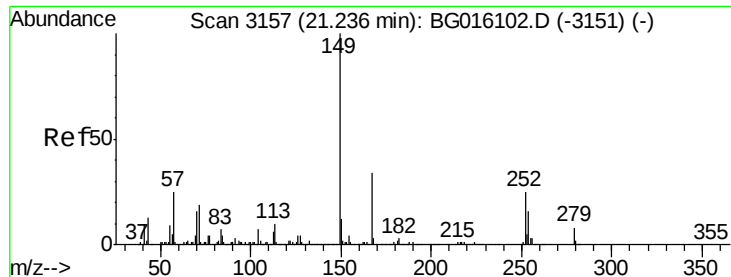
Tgt Ion: 252 Resp: 162650
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.7 77.5
 126 14.4 10.6 16.0



#82
 Chrysene
 Concen: 40.43 ng
 RT: 21.36 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion: 228 Resp: 709956
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.7 38.5
 229 21.3 17.0 25.6

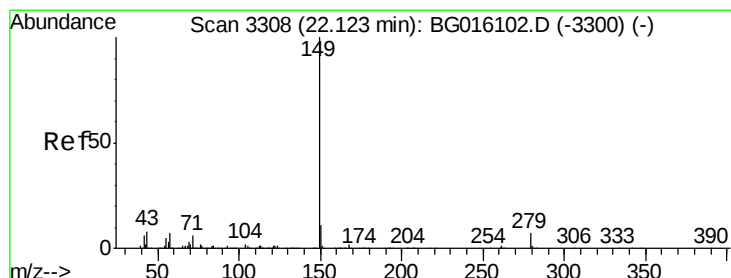
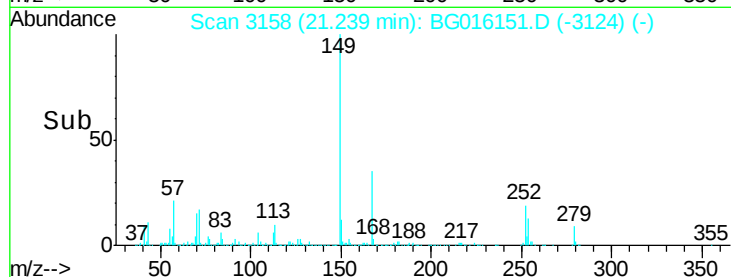
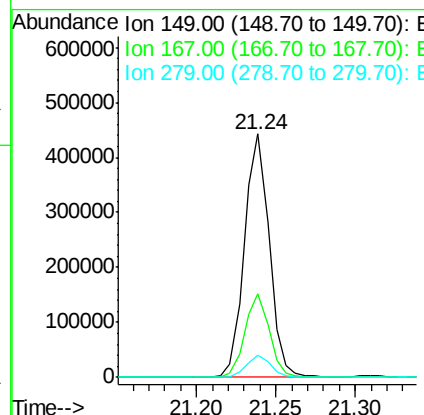
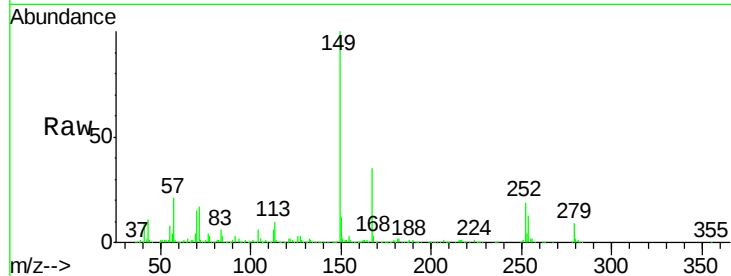




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.23 ng
 RT: 21.24 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

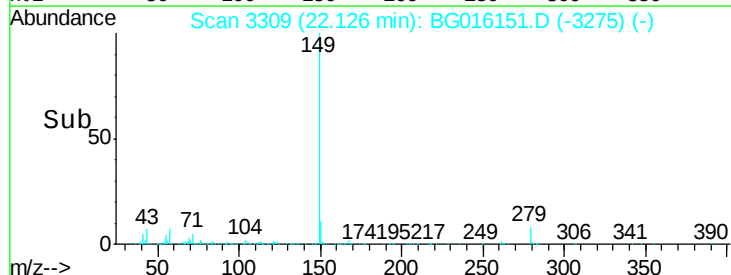
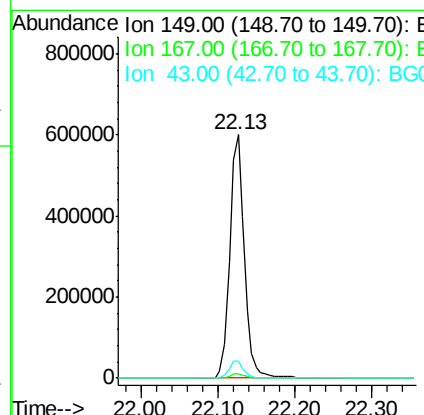
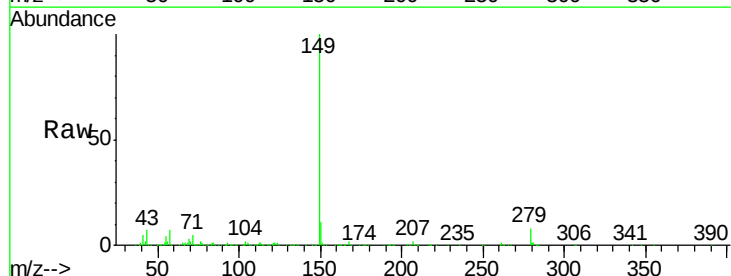
Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

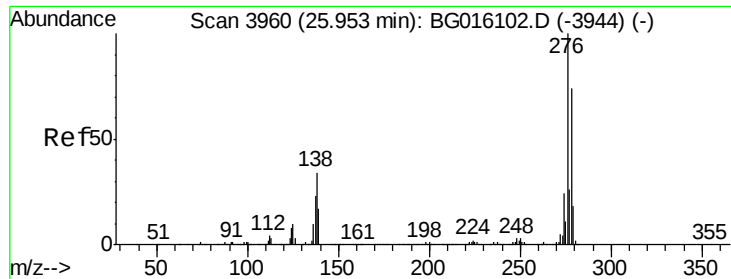
Tgt Ion:149 Resp: 480234
 Ion Ratio Lower Upper
 149 100
 167 34.6 27.1 40.7
 279 9.2 6.4 9.6



#84
 Di-n-octyl phthalate
 Concen: 39.38 ng
 RT: 22.13 min Scan# 3309
 Delta R.T. -0.00 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion:149 Resp: 792559
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.9 6.1 9.1

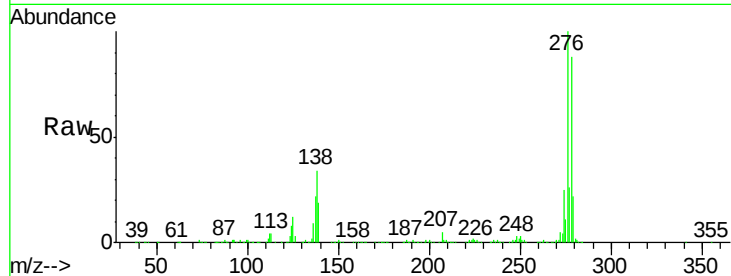




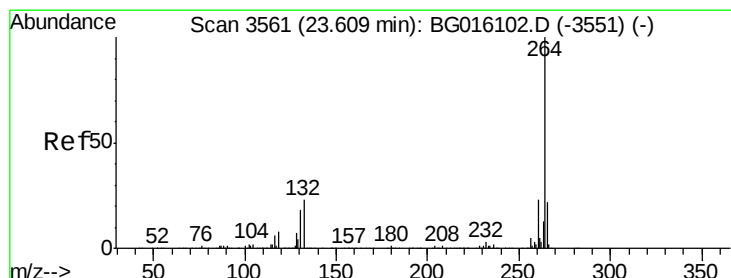
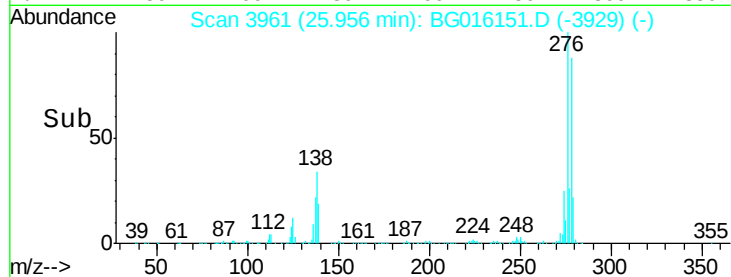
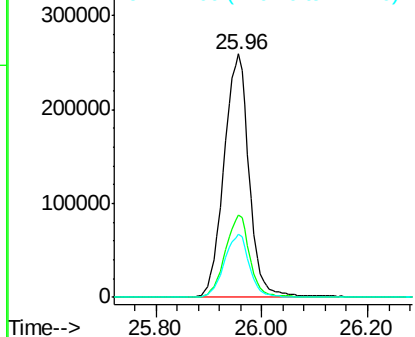
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.83 ng
 RT: 25.96 min Scan# 3961
 Delta R.T. -0.01 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.9	40.3
277	25.8	20.7	31.1

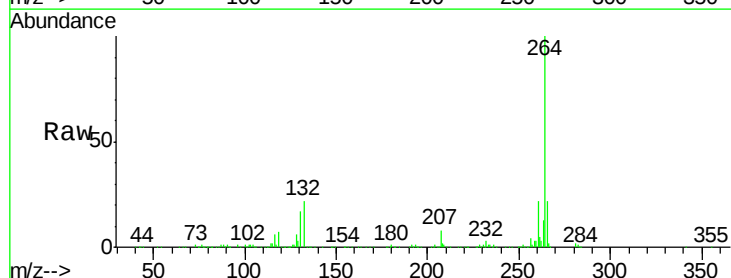


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

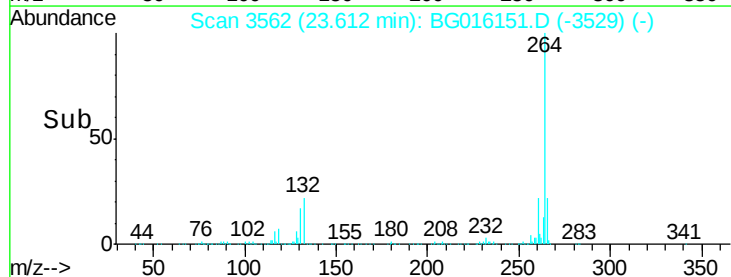
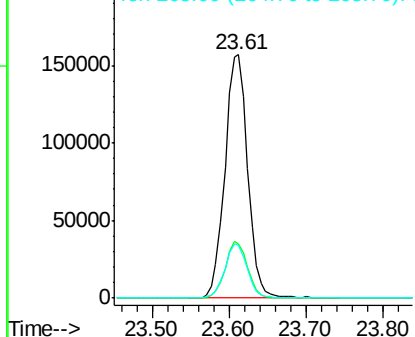


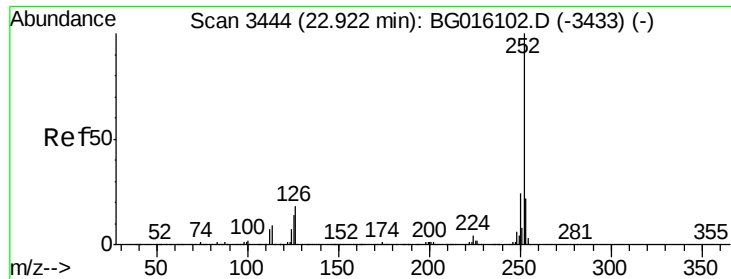
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.61 min Scan# 3562
 Delta R.T. -0.01 min
 Lab File: BG016151.D
 Acq: 26 Mar 2015 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	21.7	17.3	25.9



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

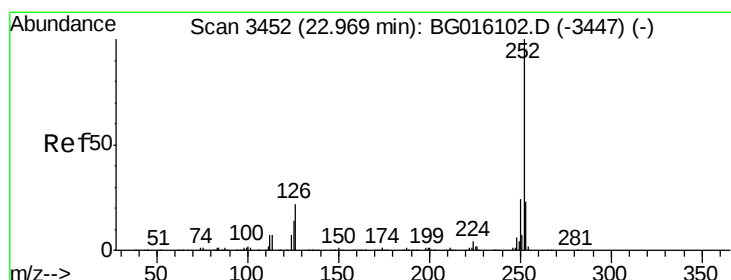
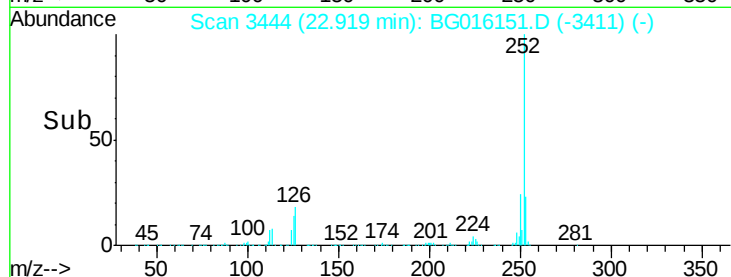
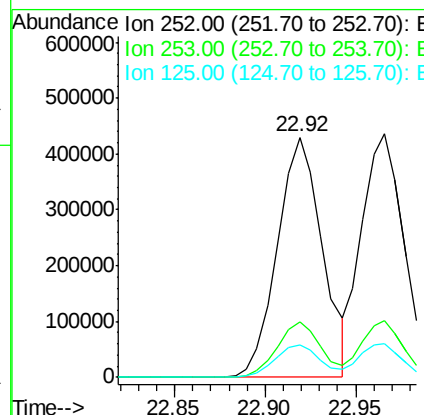
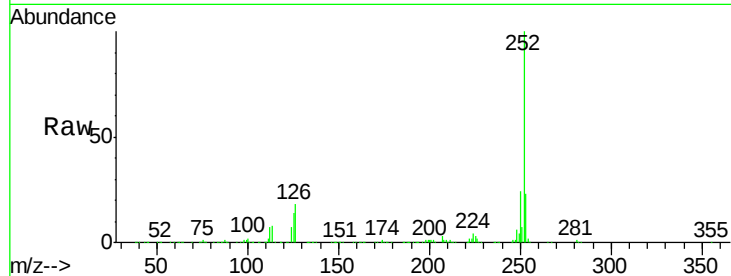




#87
Benzo(b)fluoranthene
Concen: 39.71 ng
RT: 22.92 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

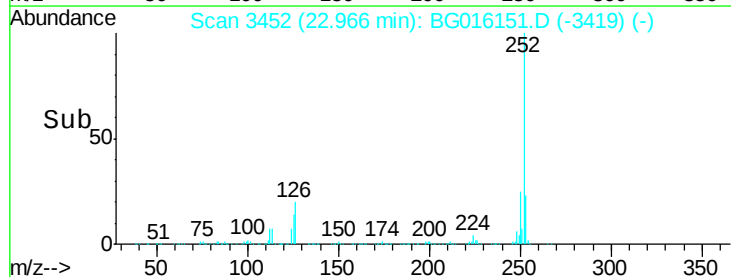
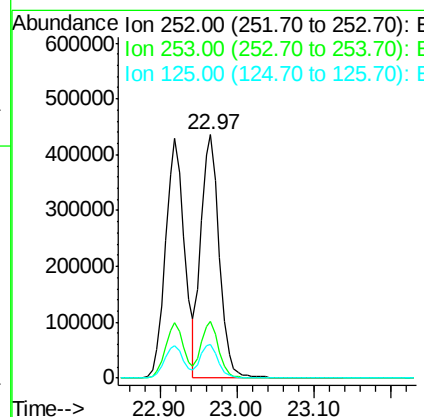
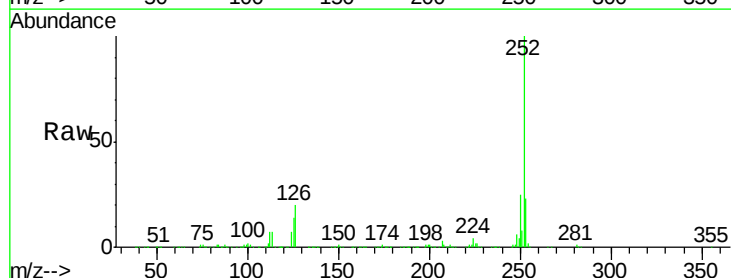
Instrument :
BNA_G
ClientSampleId :
PB82338BS

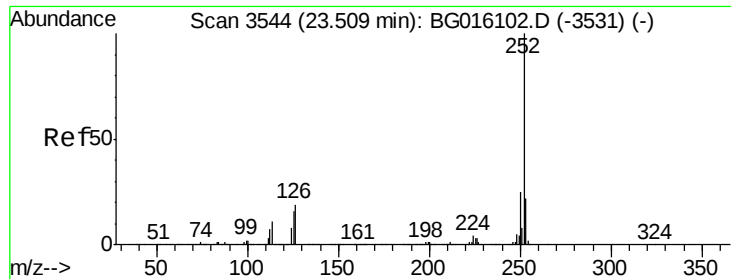
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	13.5	11.1	16.7



#88
Benzo(k)fluoranthene
Concen: 39.53 ng
RT: 22.97 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BG016151.D
Acq: 26 Mar 2015 21:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	13.6	11.0	16.4





#89

Benzo(a)pyrene

Concen: 40.56 ng

RT: 23.51 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

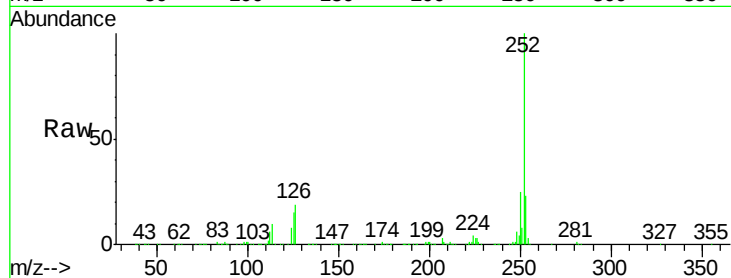
Tgt Ion:252 Resp: 707304

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

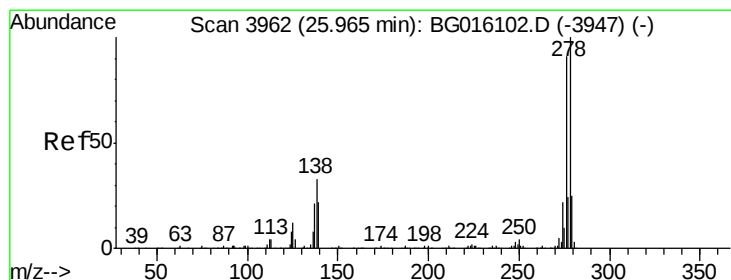
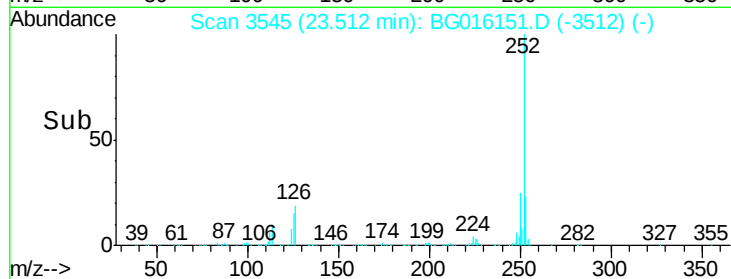
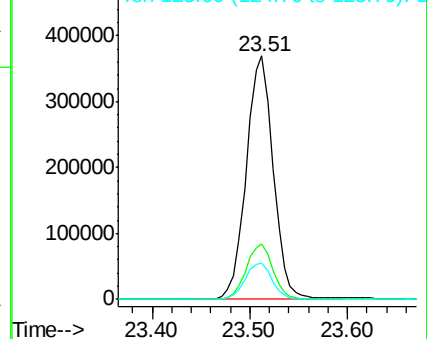
125 14.8 12.5 18.7



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: 39.23 ng

RT: 25.96 min Scan# 3962

Delta R.T. -0.02 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

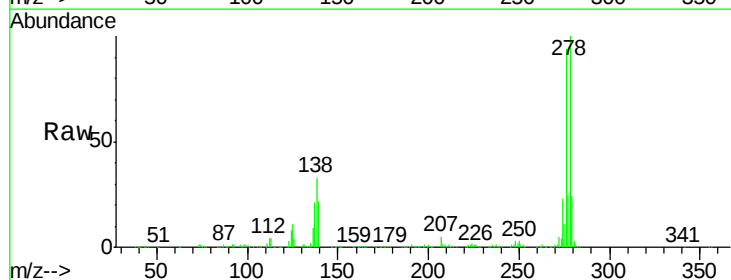
Tgt Ion:278 Resp: 712885

Ion Ratio Lower Upper

278 100

139 21.7 17.8 26.8

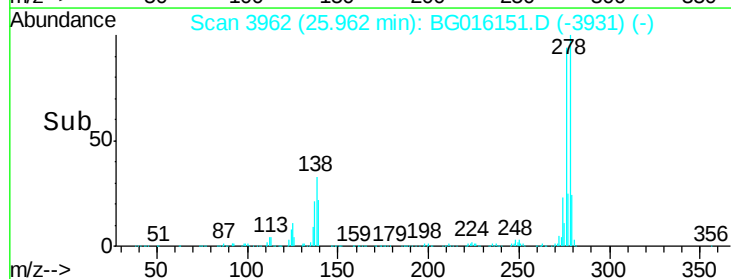
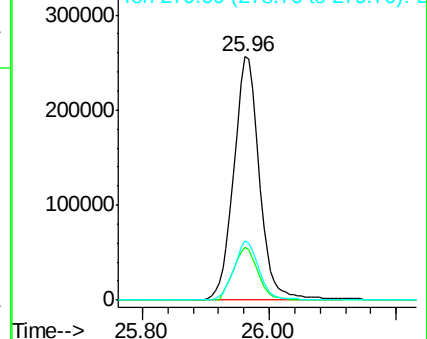
279 24.1 19.9 29.9

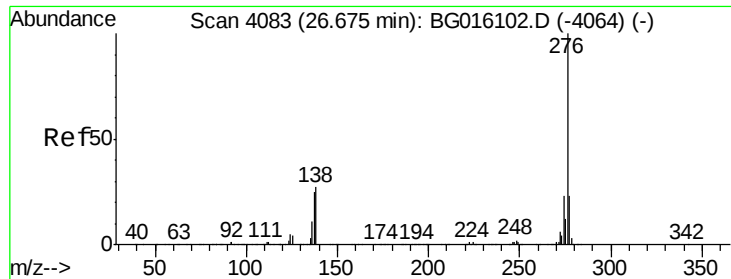


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.16 ng

RT: 26.67 min Scan# 4083

Delta R.T. -0.01 min

Lab File: BG016151.D

Acq: 26 Mar 2015 21:32

Instrument :

BNA_G

ClientSampleId :

PB82338BS

Tgt Ion:276 Resp: 705391

Ion Ratio Lower Upper

276 100

277 24.6 18.7 28.1

138 28.7 22.0 33.0

