

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016511.D
 Acq On : 18 Apr 2015 7:10
 Operator : TP/IZ
 Sample : PB82837BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Quant Time: Apr 20 02:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	69202	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	301411	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	175653	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	353556	20.00	ng	0.00
75) Chrysene-d12	21.23	240	306956	20.00	ng	0.00
86) Perylene-d12	23.45	264	290534	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	508050	115.86	ng	0.00
7) Phenol-d6	6.85	99	700262	106.38	ng	0.00
23) Nitrobenzene-d5	8.82	82	364143	69.99	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	138057	116.22	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	794131	76.97	ng	0.00
78) Terphenyl-d14	19.67	244	920642	70.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	51602	25.89	ng	99
3) Pyridine	3.52	79	152398	25.58	ng	96
4) n-Nitrosodimethylamine	3.45	42	52518	29.65	ng	99
6) Aniline	6.99	93	180358	19.19	ng	98
8) 2-Chlorophenol	7.23	128	196832	37.38	ng	94
9) Benzaldehyde	6.80	77	31097	8.07	ng	92
10) Phenol	6.88	94	244646	34.74	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	174680	31.11	ng	97
12) 1,3-Dichlorobenzene	7.55	146	181716	34.17	ng	95
13) 1,4-Dichlorobenzene	7.69	146	186245	33.76	ng	98
14) 1,2-Dichlorobenzene	8.01	146	178091	33.76	ng	98
15) Benzyl Alcohol	7.90	79	141382	30.81	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	182542	28.86	ng	96
17) 2-Methylphenol	8.12	107	163754	34.67	ng	96
18) Hexachloroethane	8.73	117	67238	31.86	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	127862	27.11	ng	97
20) 3+4-Methylphenols	8.44	107	219984	33.63	ng	98
22) Acetophenone	8.48	105	246711	35.30	ng	# 97
24) Nitrobenzene	8.86	77	182832	32.86	ng	94
25) Isophorone	9.37	82	354363	30.67	ng	97
26) 2-Nitrophenol	9.57	139	104692	40.35	ng	96
27) 2,4-Dimethylphenol	9.63	122	192278	39.79	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	223430	33.88	ng	98
29) 2,4-Dichlorophenol	10.10	162	162954	42.61	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	154306	38.65	ng	100
31) Naphthalene	10.50	128	560728	35.70	ng	100
32) Benzoic acid	9.79	122	45667	20.58	ng	93
33) 4-Chloroaniline	10.61	127	141444	19.19	ng	95
34) Hexachlorobutadiene	10.78	225	67312	38.38	ng	97
35) Caprolactam	11.38	113	85428	35.48	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	191805	37.97	ng	94
37) 2-Methylnaphthalene	12.11	142	413331	36.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	143346	37.07	ng	99
40) Hexachlorocyclopentadiene	12.47	237	117146	66.18	ng	100

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016511.D
 Acq On : 18 Apr 2015 7:10
 Operator : TP/IZ
 Sample : PB82837BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Quant Time: Apr 20 02:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

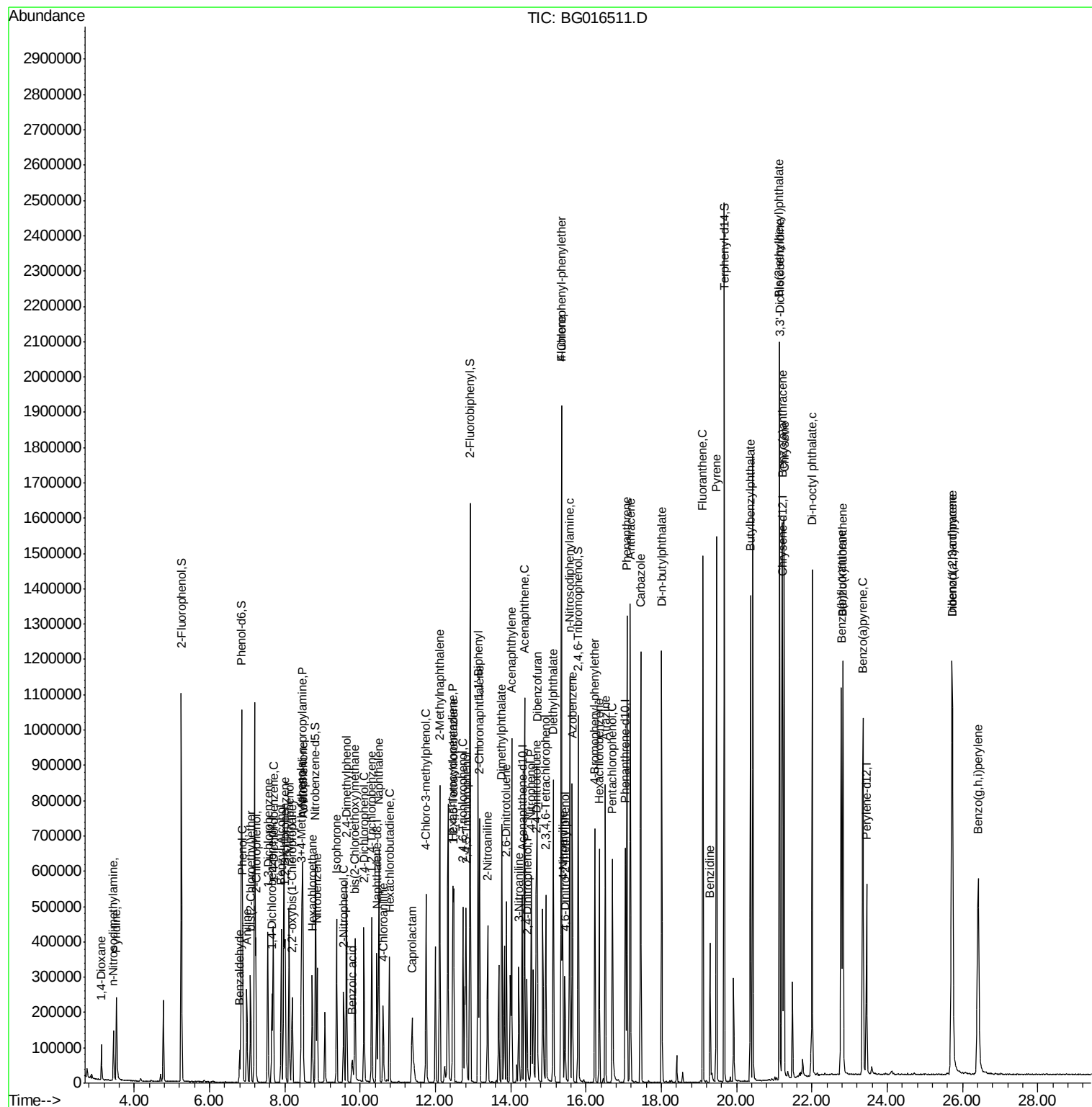
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	111095	38.66	ng	99
43) 2,4,5-Trichlorophenol	12.81	196	121620	39.61	ng	97
45) 1,1'-Biphenyl	13.13	154	500595	37.15	ng	98
46) 2-Chloronaphthalene	13.18	162	378809	36.91	ng	99
47) 2-Nitroaniline	13.39	65	115935	35.04	ng	89
48) Acenaphthylene	14.02	152	656606	35.97	ng	99
49) Dimethylphthalate	13.76	163	465085	36.13	ng	99
50) 2,6-Dinitrotoluene	13.89	165	116779	37.51	ng	96
51) Acenaphthene	14.37	154	397050	36.40	ng	99
52) 3-Nitroaniline	14.22	138	95691	24.07	ng	92
53) 2,4-Dinitrophenol	14.43	184	75780	45.97	ng	95
54) Dibenzofuran	14.70	168	572671	37.84	ng	98
55) 4-Nitrophenol	14.54	139	210504	64.06	ng	98
56) 2,4-Dinitrotoluene	14.68	165	165155	38.94	ng	91
57) Fluorene	15.35	166	493542	36.96	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	91708	38.70	ng	94
59) Diethylphthalate	15.13	149	491651	35.88	ng	99
60) 4-Chlorophenyl-phenylether	15.34	204	203978	37.34	ng	97
61) 4-Nitroaniline	15.39	138	150208	33.28	ng	98
62) Azobenzene	15.64	77	499986	34.28	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	76399	32.10	ng	89
65) n-Nitrosodiphenylamine	15.57	169	442415	37.02	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	105426	37.35	ng	98
67) Hexachlorobenzene	16.35	284	108950	37.13	ng	98
68) Atrazine	16.52	200	136106	40.86	ng	98
69) Pentachlorophenol	16.70	266	101311	56.55	ng	100
70) Phenanthrene	17.09	178	740104	37.22	ng	100
71) Anthracene	17.18	178	747899	37.95	ng	100
72) Carbazole	17.45	167	756378	38.24	ng	98
73) Di-n-butylphthalate	18.01	149	901471	37.25	ng	99
74) Fluoranthene	19.10	202	760019	37.08	ng	97
76) Benzidine	19.30	184	250147	19.22	ng	97
77) Pyrene	19.47	202	798896	37.38	ng	100
79) Butylbenzylphthalate	20.37	149	419567	39.95	ng	95
80) Benzo(a)anthracene	21.21	228	680880	37.53	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	162016	27.16	ng	99
82) Chrysene	21.26	228	646176	36.89	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	582420	40.97	ng	98
84) Di-n-octyl phthalate	22.01	149	963653	41.61	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	719898	39.57	ng	98
87) Benzo(b)fluoranthene	22.78	252	665362	39.10	ng	99
88) Benzo(k)fluoranthene	22.83	252	617112	37.06	ng	98
89) Benzo(a)pyrene	23.36	252	628354	39.40	ng	100
90) Dibenzo(a,h)anthracene	25.73	278	597842	38.52	ng	98
91) Benzo(g,h,i)perylene	26.42	276	609698	39.33	ng	97

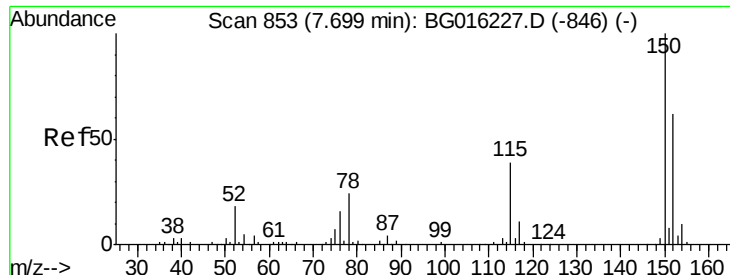
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016511.D
Acq On : 18 Apr 2015 7:10
Operator : TP/IZ
Sample : PB82837BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
Client Sample ID :
PB82837BS

Quant Time: Apr 20 02:30:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 02:16:57 2015
Response via : Initial Calibration



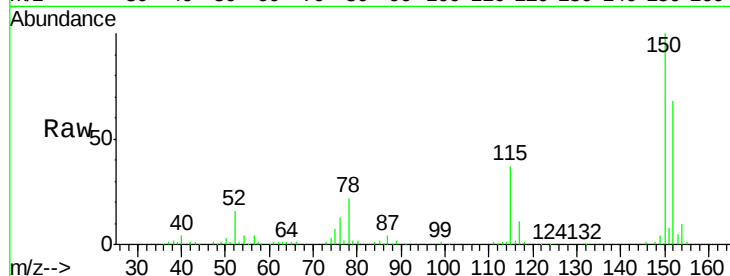


#1

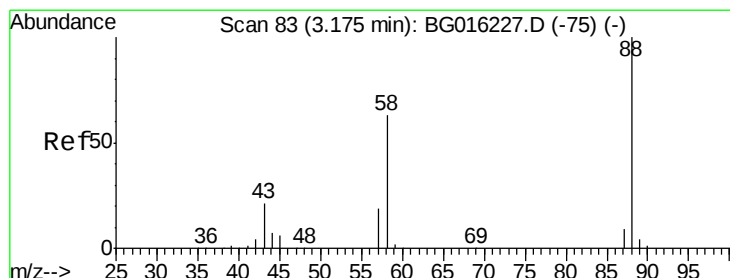
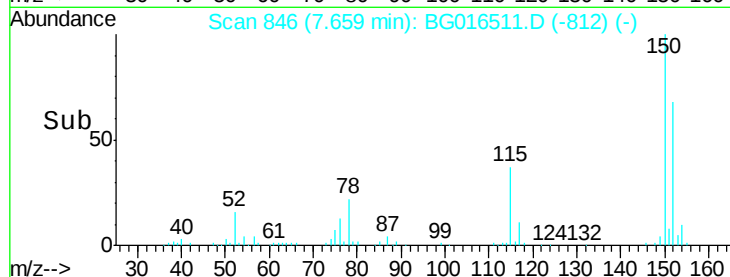
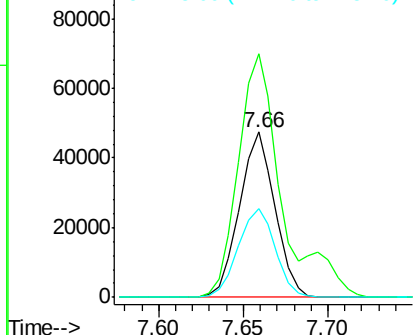
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Tgt Ion: 152 Resp: 69202
 Ion Ratio Lower Upper
 152 100
 150 147.4 130.1 195.1
 115 54.0 50.5 75.7



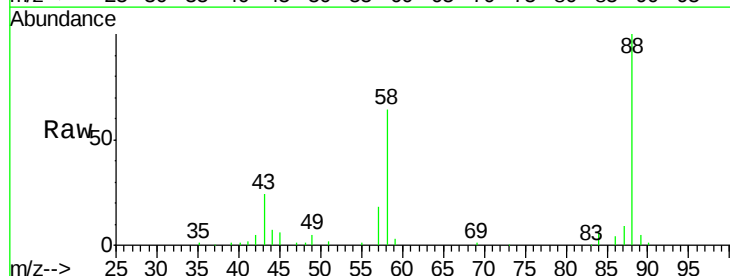
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



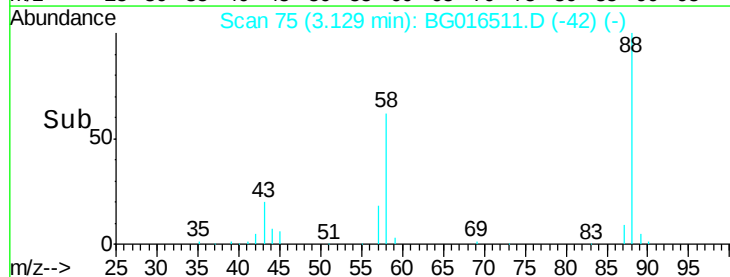
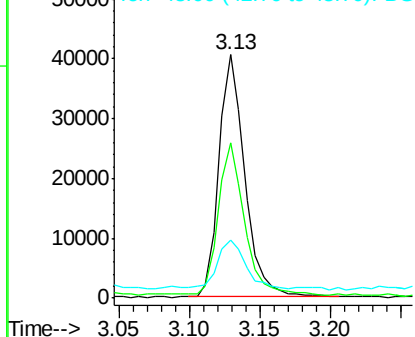
#2

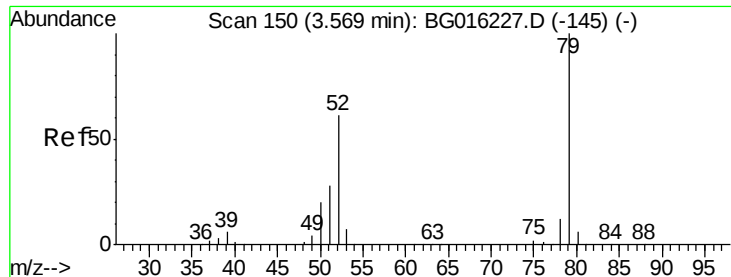
1,4-Dioxane
 Concen: 25.89 ng
 RT: 3.13 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion: 88 Resp: 51602
 Ion Ratio Lower Upper
 88 100
 58 62.2 50.6 76.0
 43 21.5 17.0 25.4



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





#3

Pyridine

Concen: 25.58 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

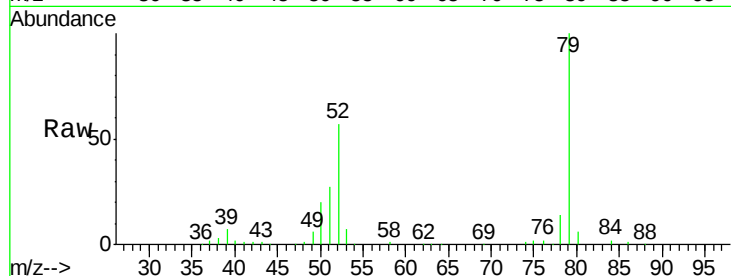
Tgt Ion: 79 Resp: 152398

Ion Ratio Lower Upper

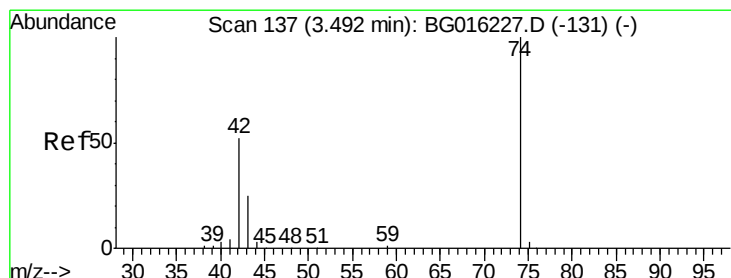
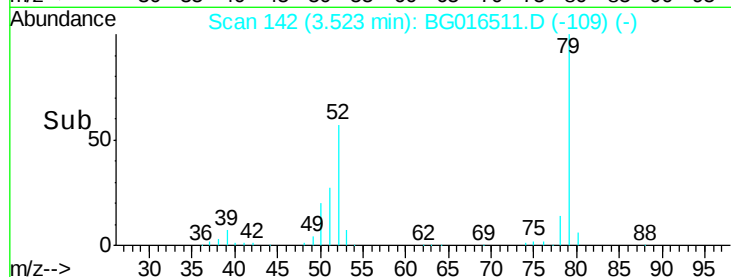
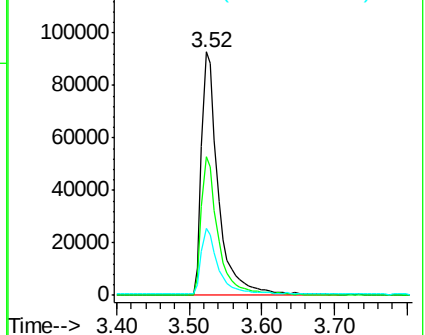
79 100

52 57.0 49.0 73.4

51 27.3 22.5 33.7



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



#4

n-Nitrosodimethylamine

Concen: 29.65 ng

RT: 3.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

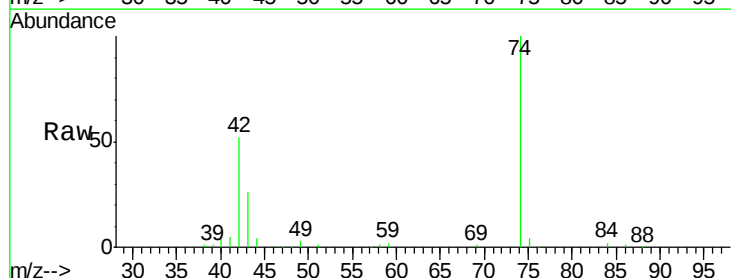
Tgt Ion: 42 Resp: 52518

Ion Ratio Lower Upper

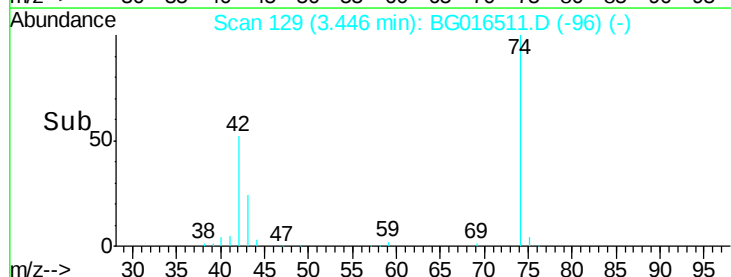
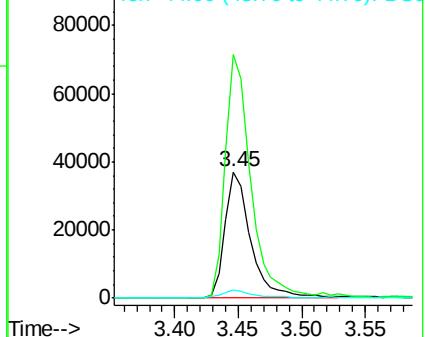
42 100

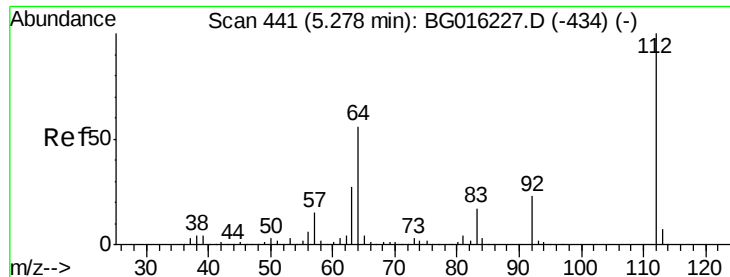
74 193.1 153.7 230.5

44 6.8 5.3 7.9



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





#5

2-Fluorophenol

Concen: 115.86 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

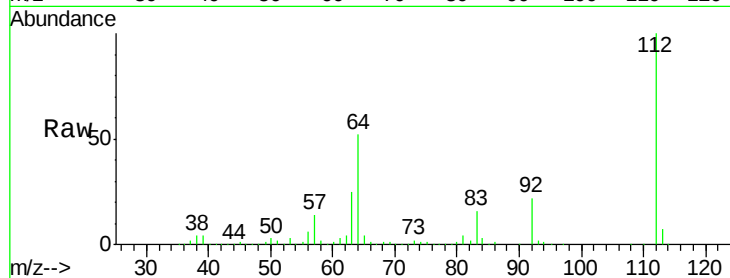
Tgt Ion: 112 Resp: 508050

Ion Ratio Lower Upper

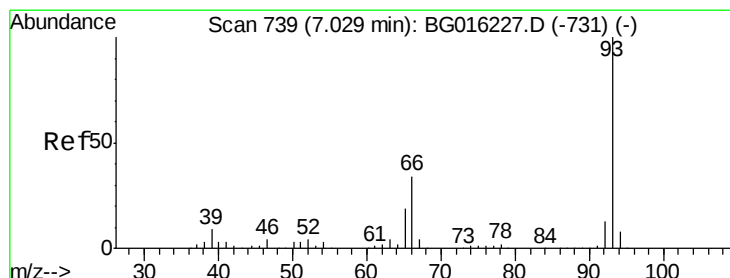
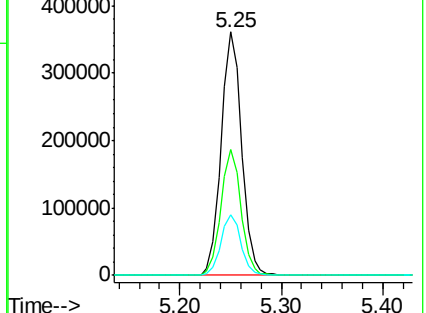
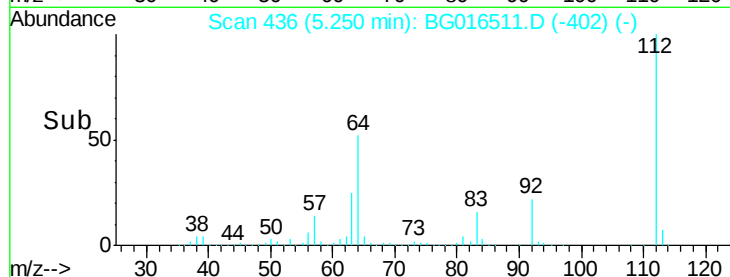
112 100

64 51.6 44.5 66.7

63 25.1 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.19 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

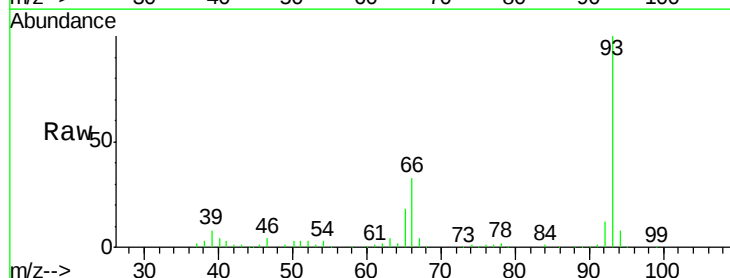
Tgt Ion: 93 Resp: 180358

Ion Ratio Lower Upper

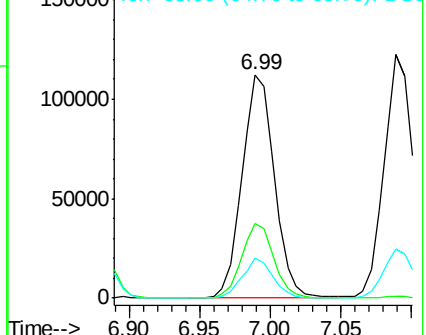
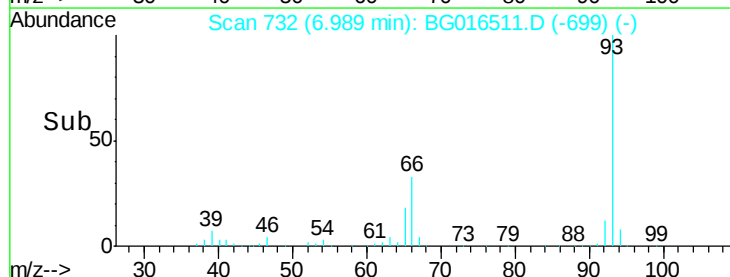
93 100

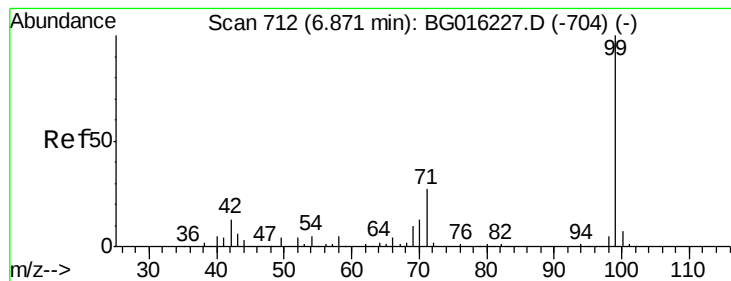
66 33.1 27.5 41.3

65 17.8 15.1 22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.38 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

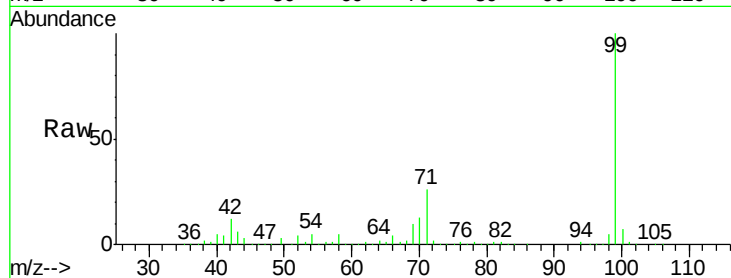
Tgt Ion: 99 Resp: 700262

Ion Ratio Lower Upper

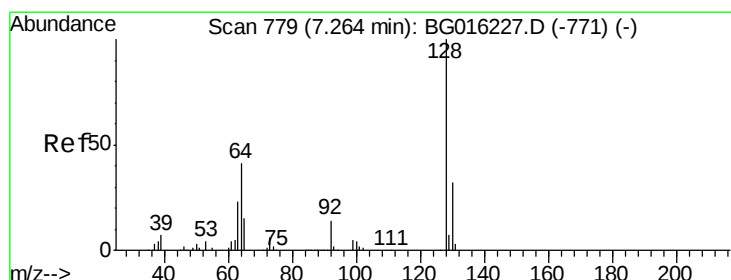
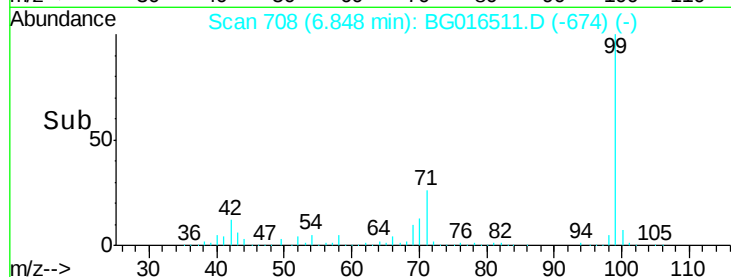
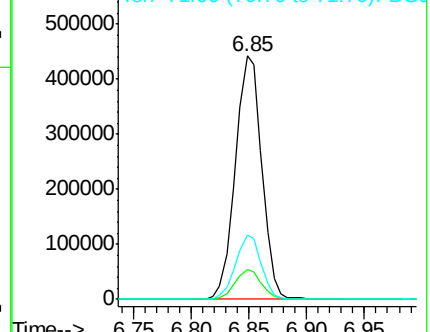
99 100

42 12.3 10.0 15.0

71 26.2 21.5 32.3



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



#8

2-Chlorophenol

Concen: 37.38 ng

RT: 7.23 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

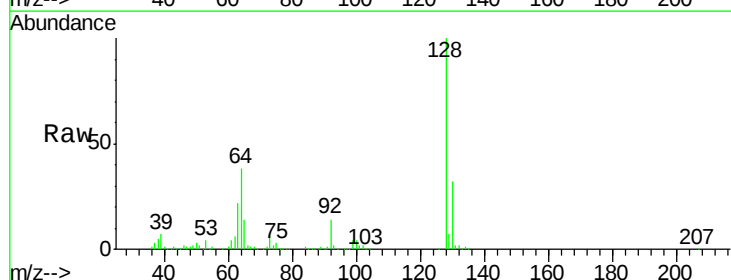
Tgt Ion: 128 Resp: 196832

Ion Ratio Lower Upper

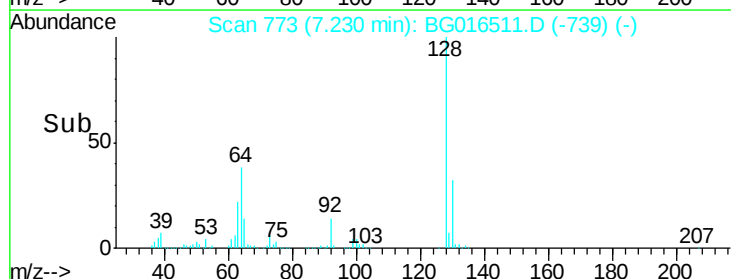
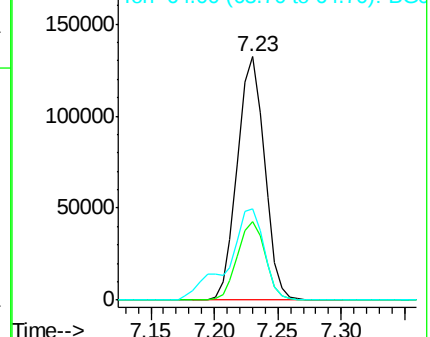
128 100

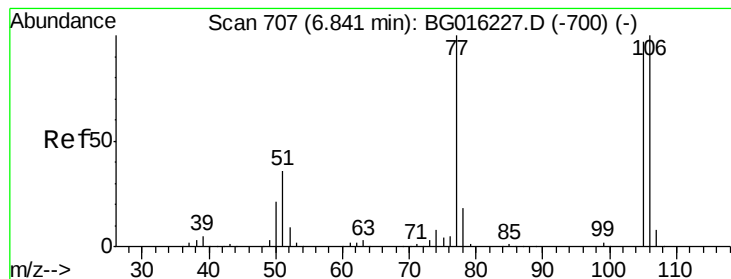
130 32.2 11.6 51.6

64 37.8 24.2 64.2



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





#9

Benzaldehyde

Concen: 8.07 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

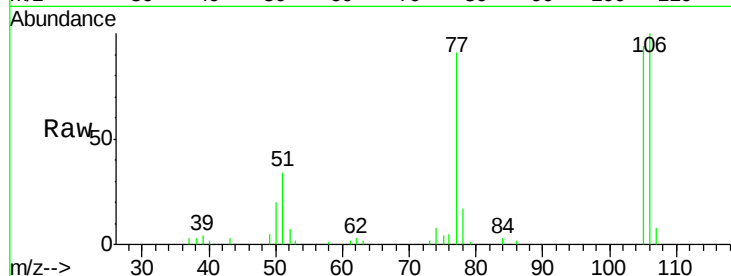
Tgt Ion: 77 Resp: 31097

Ion Ratio Lower Upper

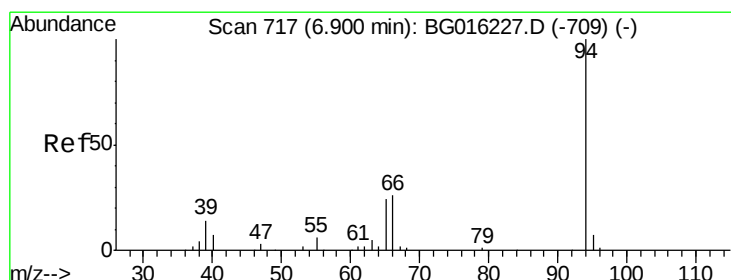
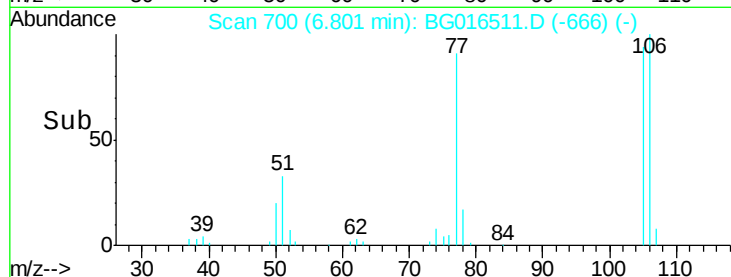
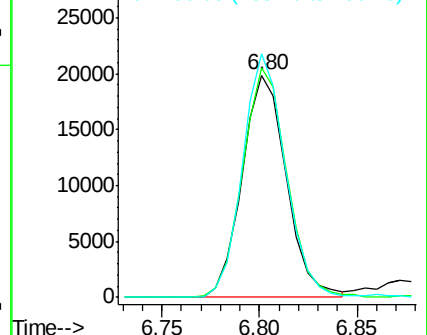
77 100

105 103.1 76.8 116.8

106 109.5 80.1 120.1



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: 34.74 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

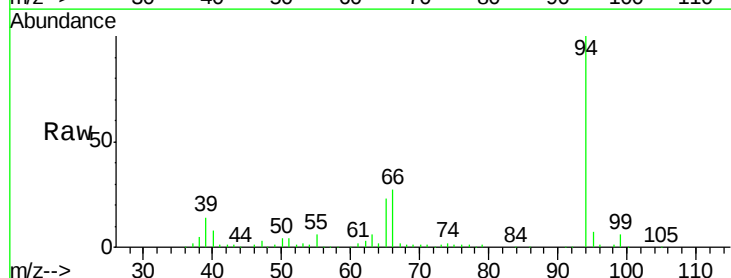
Tgt Ion: 94 Resp: 244646

Ion Ratio Lower Upper

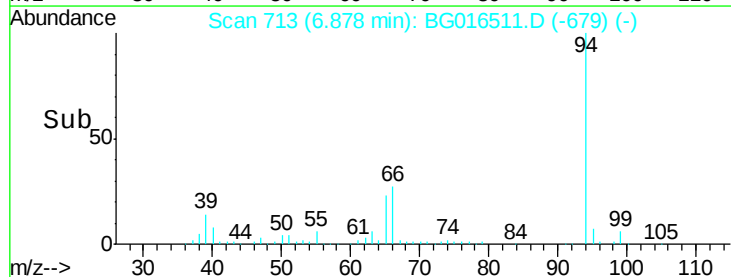
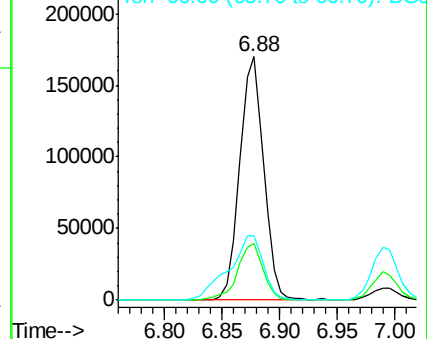
94 100

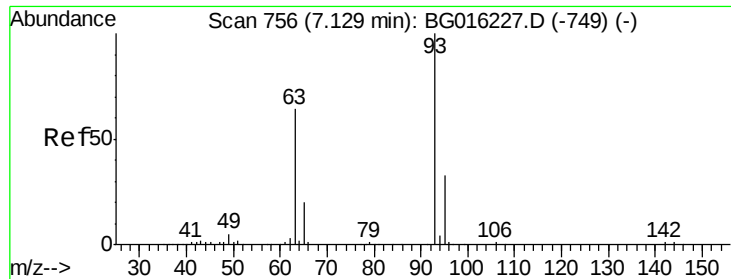
65 23.2 3.8 43.8

66 26.7 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

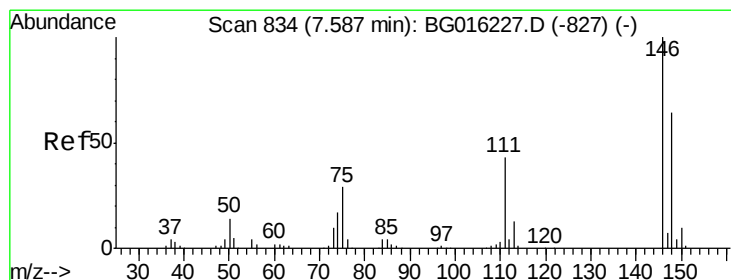
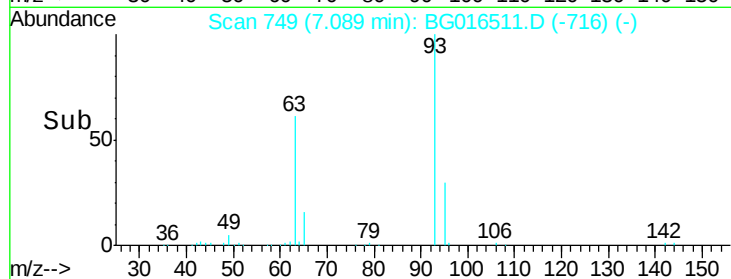
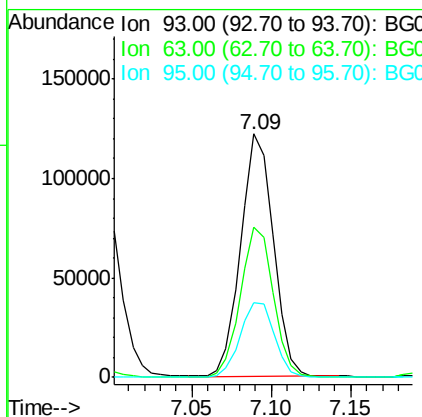
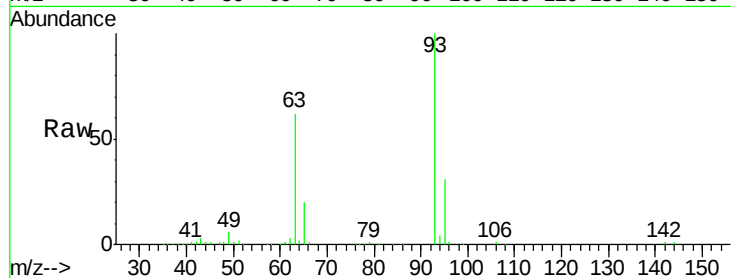




#11
 bis(2-Chloroethyl)ether
 Concen: 31.11 ng
 RT: 7.09 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

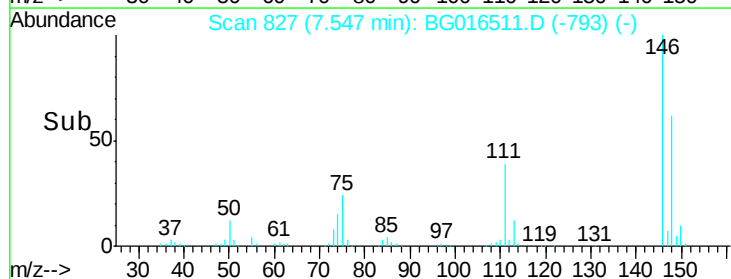
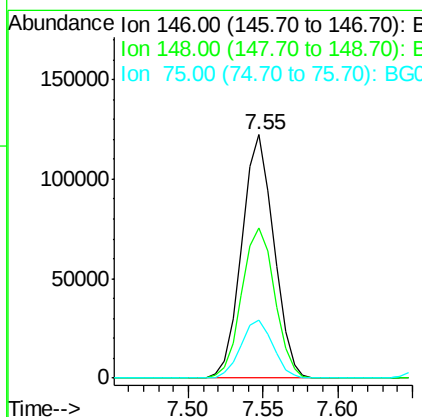
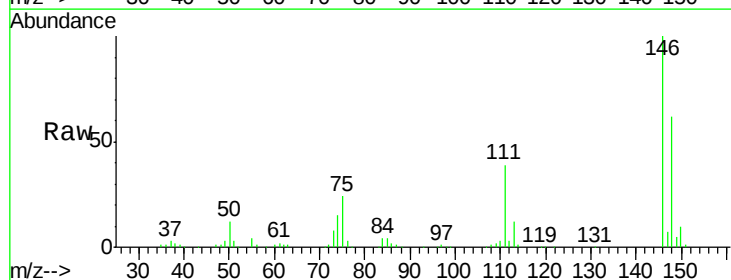
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

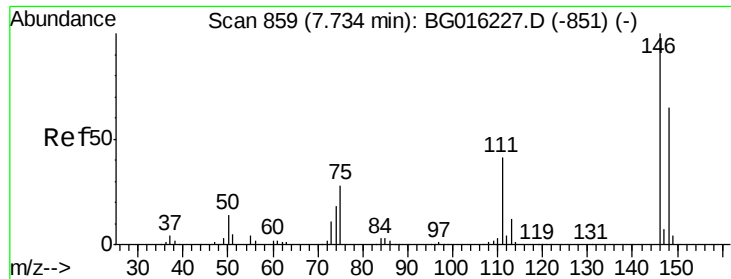
Tgt Ion:	93	Resp:	174680
Ion	Ratio	Lower	Upper
93	100		
63	61.8	44.1	84.1
95	30.5	12.5	52.5



#12
 1,3-Dichlorobenzene
 Concen: 34.17 ng
 RT: 7.55 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:	146	Resp:	181716
Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.9	76.3
75	23.8	23.3	34.9

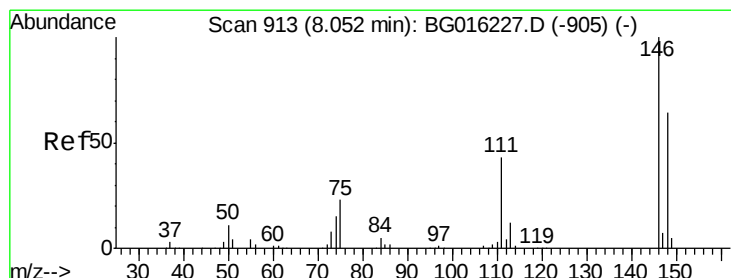
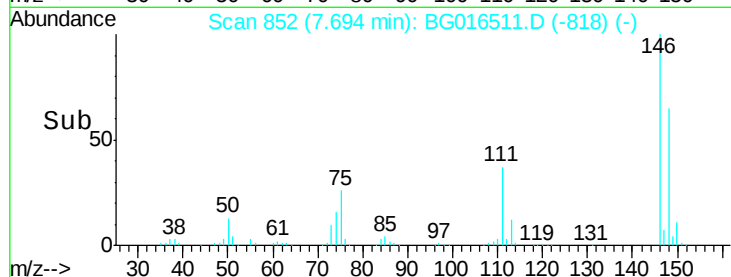
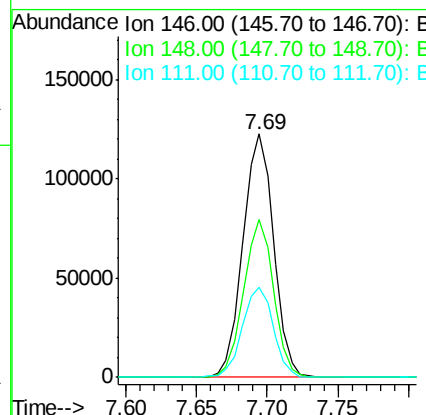
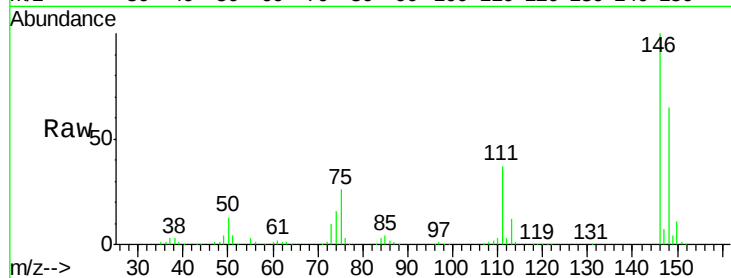




#13
 1,4-Dichlorobenzene
 Concen: 33.76 ng
 RT: 7.69 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

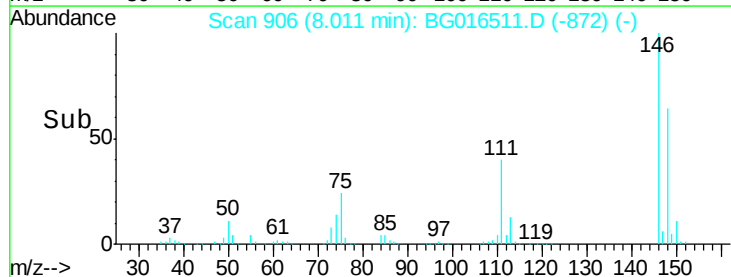
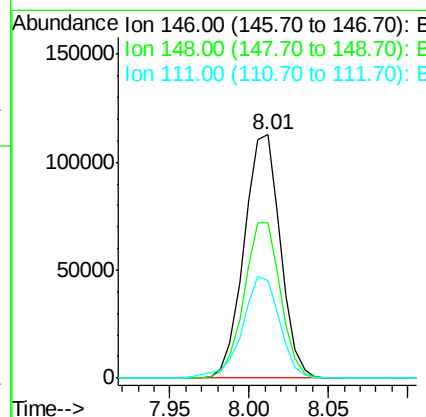
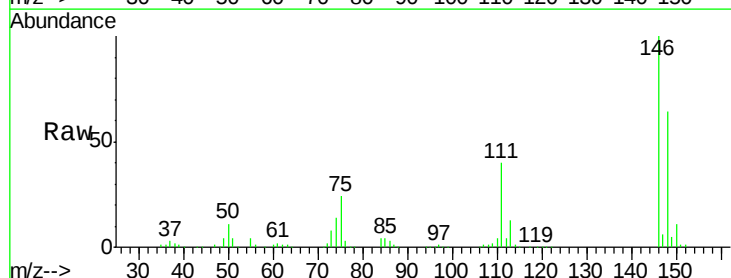
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

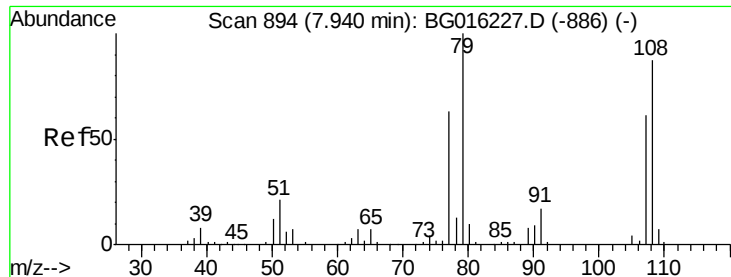
Tgt Ion:146 Resp: 186245
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 37.2 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 33.76 ng
 RT: 8.01 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:146 Resp: 178091
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.9 76.3
 111 40.1 34.7 52.1





#15

Benzyl Alcohol

Concen: 30.81 ng

RT: 7.90 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

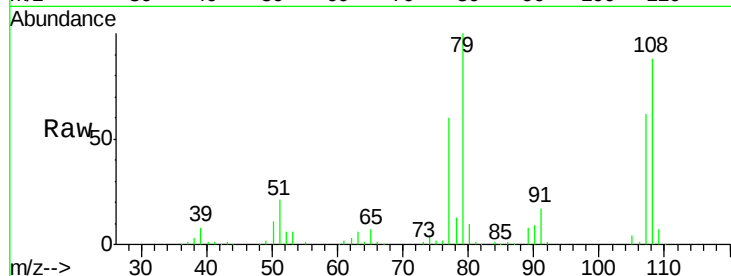
Tgt Ion: 79 Resp: 141382

Ion Ratio Lower Upper

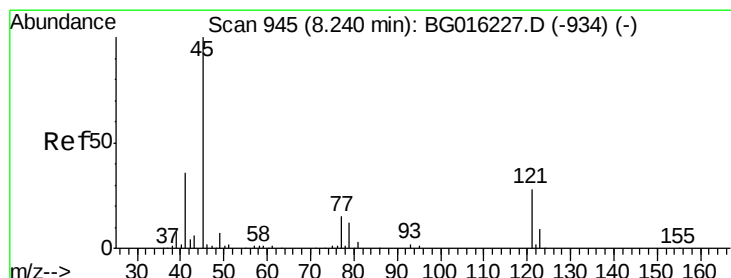
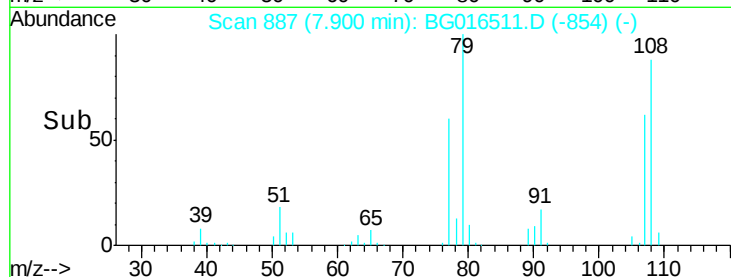
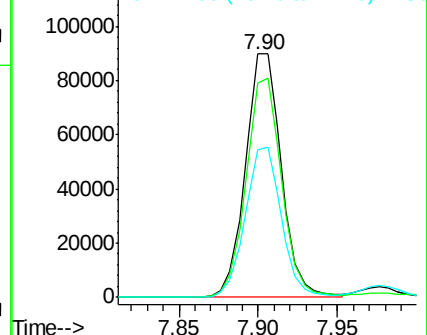
79 100

108 87.8 69.3 103.9

77 60.5 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.86 ng

RT: 8.20 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

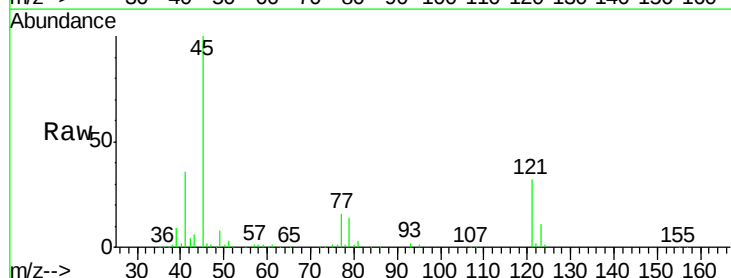
Tgt Ion: 45 Resp: 182542

Ion Ratio Lower Upper

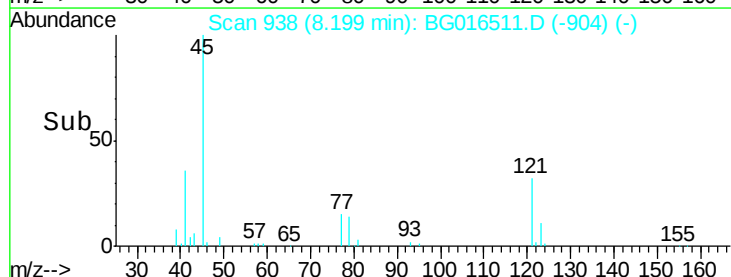
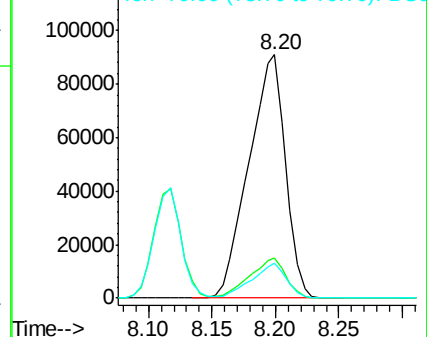
45 100

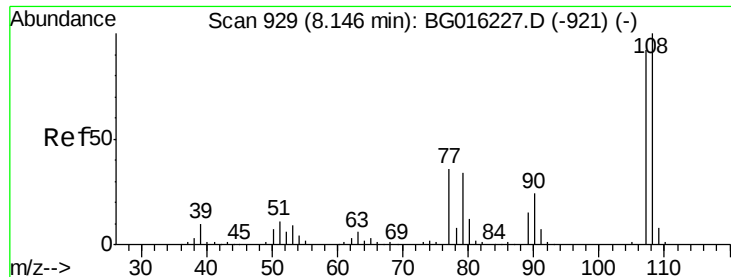
77 16.3 0.0 35.3

79 14.4 0.0 32.3



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

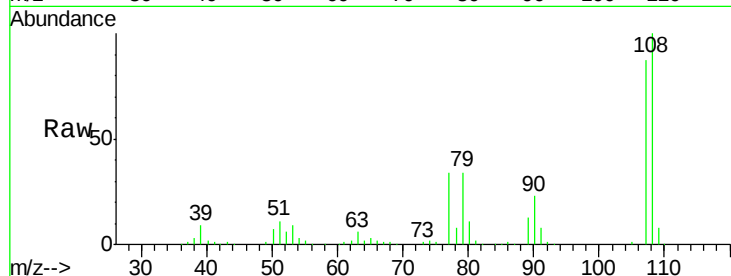




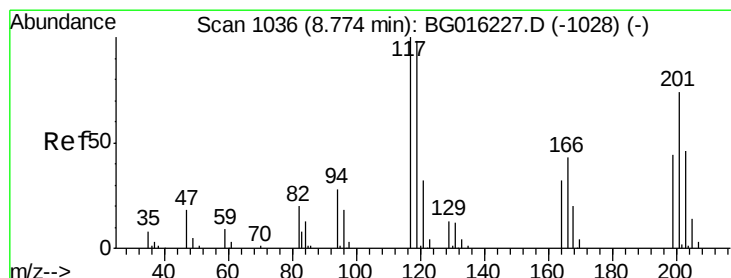
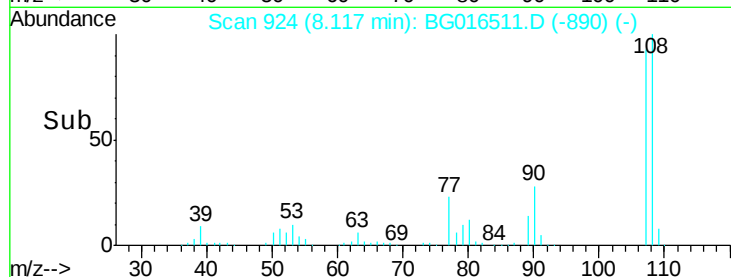
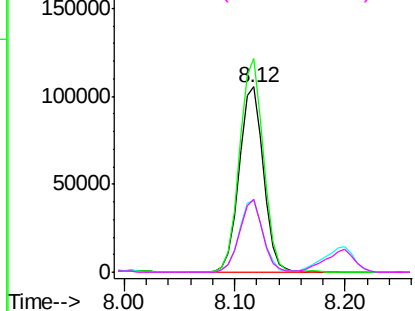
#17
2-Methylphenol
Concen: 34.67 ng
RT: 8.12 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt Ion:	107	Resp:	163754
Ion	Ratio	Lower	Upper
107	100		
108	115.4	87.2	130.8
77	38.7	31.1	46.7
79	39.1	29.7	44.5

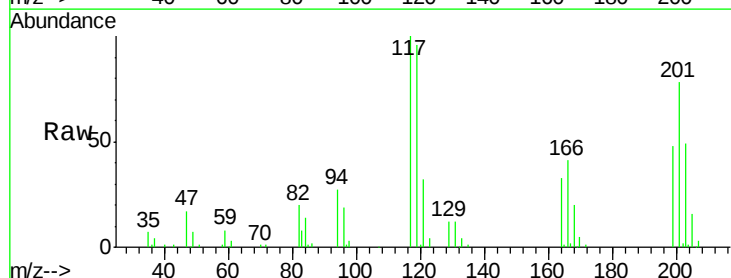


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

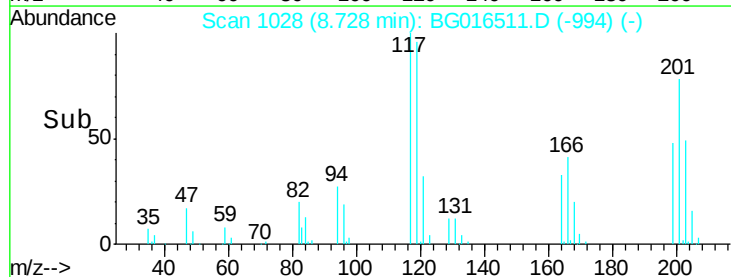
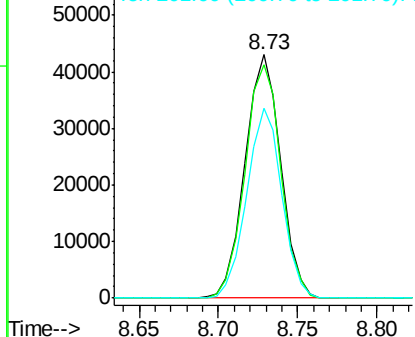


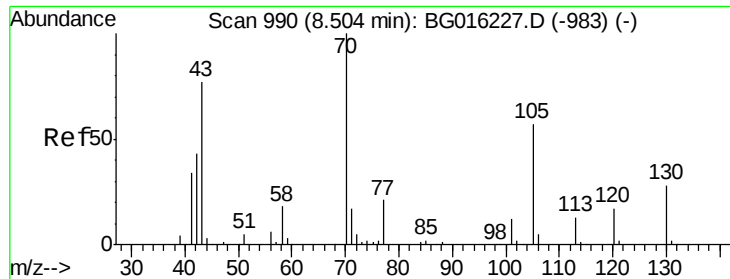
#18
Hexachloroethane
Concen: 31.86 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:	117	Resp:	67238
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.8	118.2
201	77.8	59.0	88.4



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

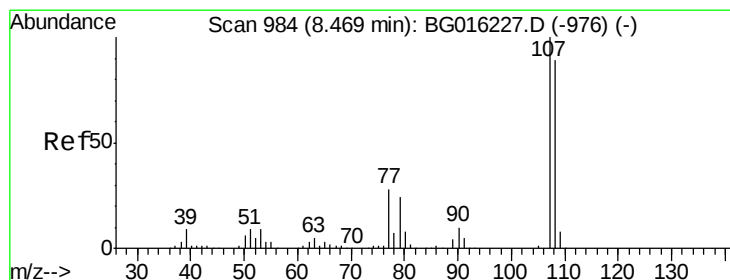
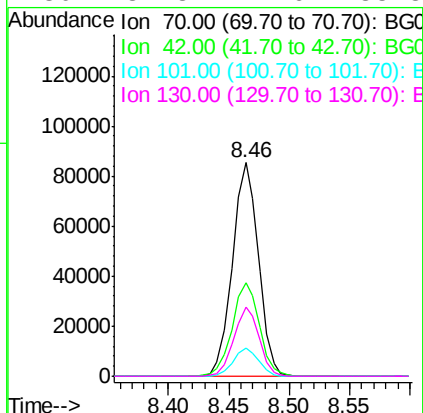
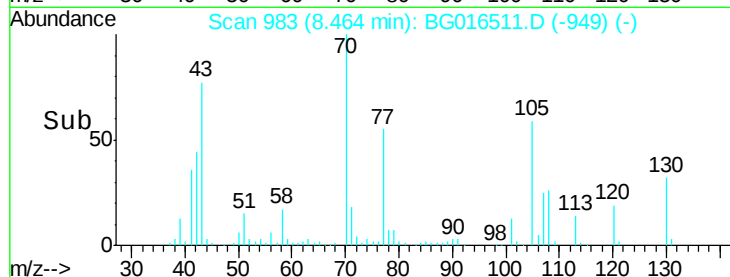
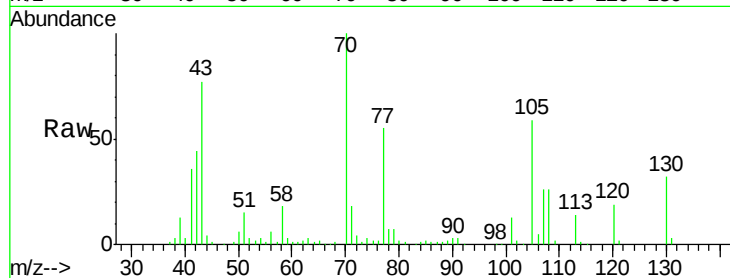




#19
n-Nitroso-di-n-propylamine
Concen: 27.11 ng
RT: 8.46 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

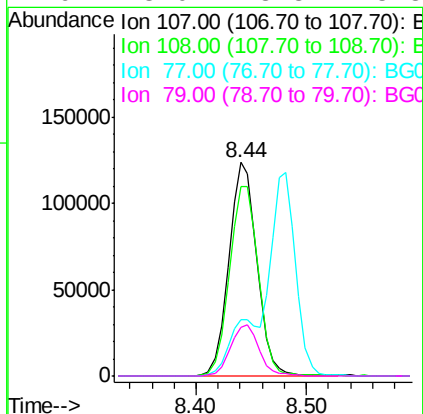
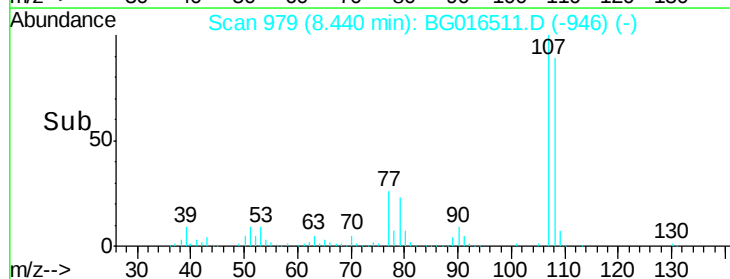
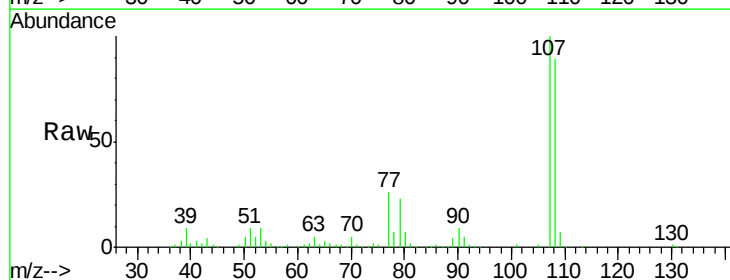
Instrument :
BNA_G
ClientSampleId :
PB82837BS

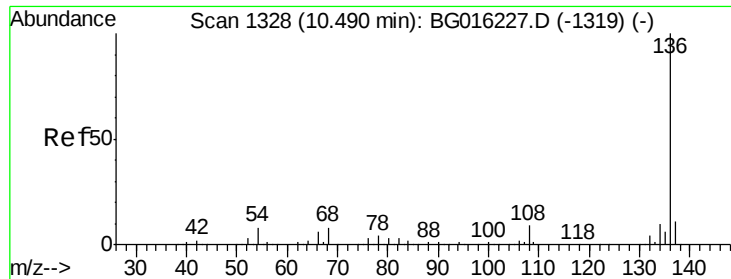
Tgt Ion: 70 Resp: 127862
Ion Ratio Lower Upper
70 100
42 43.7 34.7 52.1
101 13.0 9.2 13.8
130 32.3 22.6 33.8



#20
3+4-Methylphenols
Concen: 33.63 ng
RT: 8.44 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion: 107 Resp: 219984
Ion Ratio Lower Upper
107 100
108 88.7 69.5 109.5
77 26.4 8.2 48.2
79 23.0 3.8 43.8

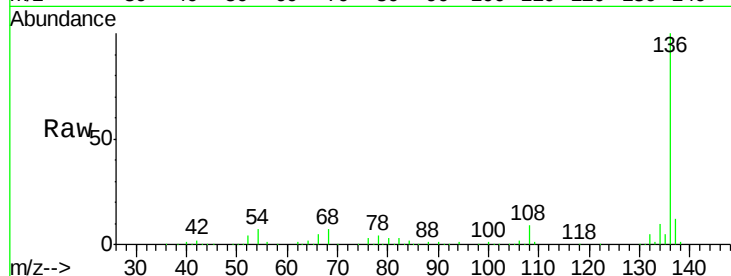




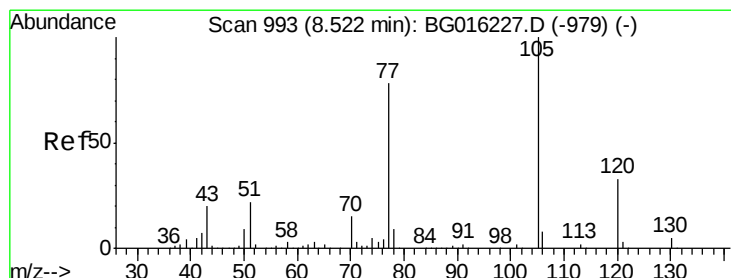
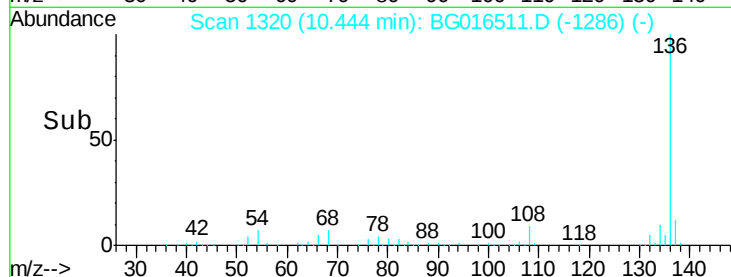
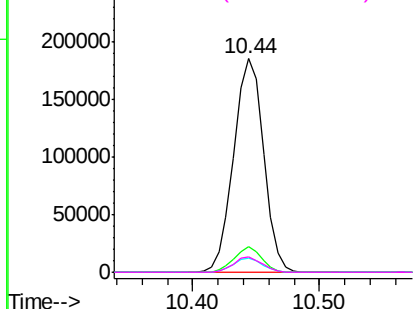
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt Ion:	136	Resp:	301411
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	6.7	6.3	9.5
68	7.0	6.5	9.7

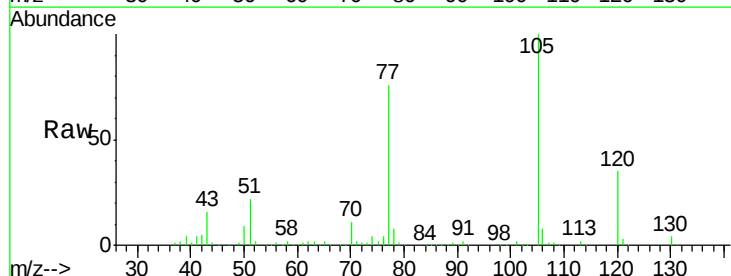


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

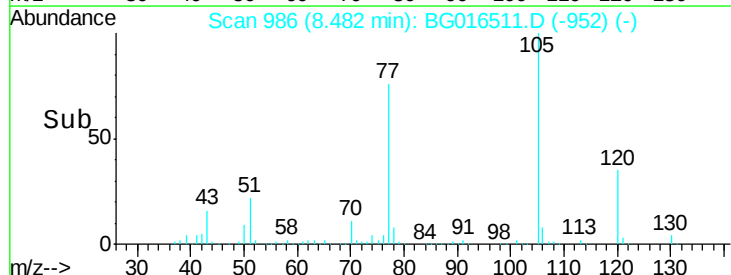
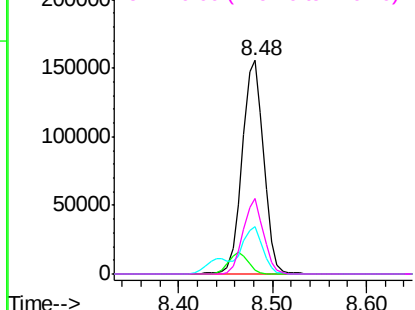


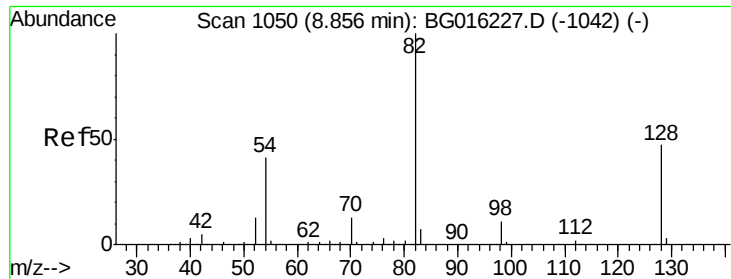
#22
Acetophenone
Concen: 35.30 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:	105	Resp:	246711
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.0	3.0#
51	21.9	17.9	26.9
120	35.1	26.3	39.5



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

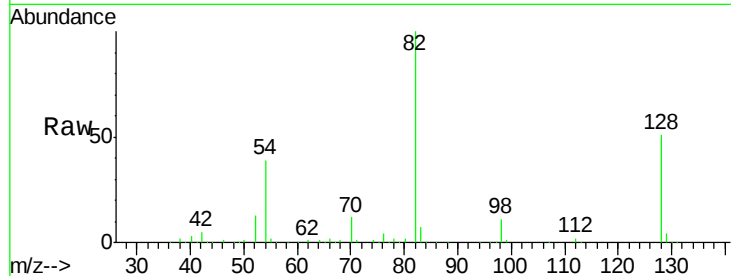




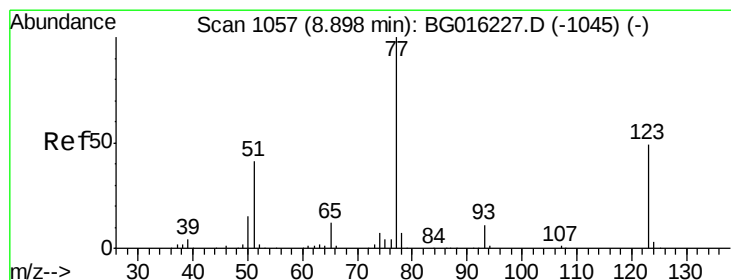
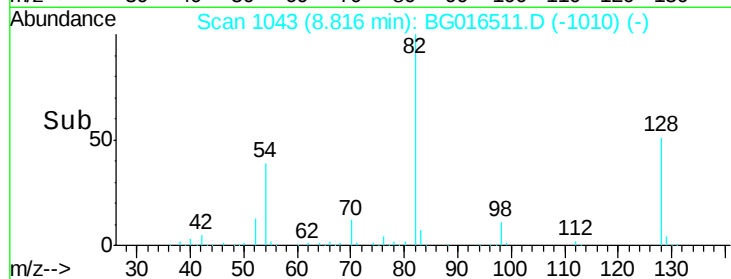
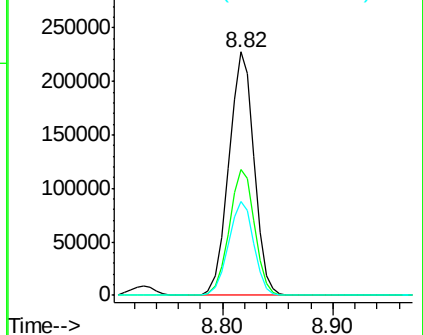
#23
Nitrobenzene-d5
Concen: 69.99 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt Ion: 82 Resp: 364143
Ion Ratio Lower Upper
82 100
128 51.5 37.8 56.8
54 38.8 32.6 49.0

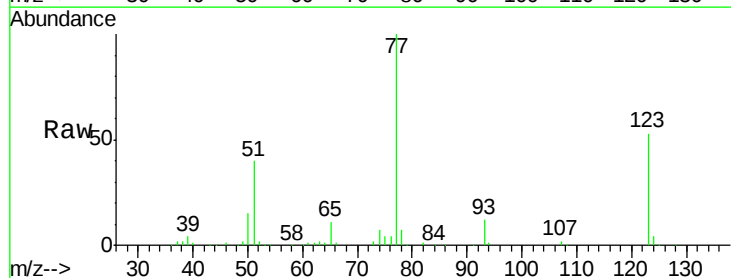


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

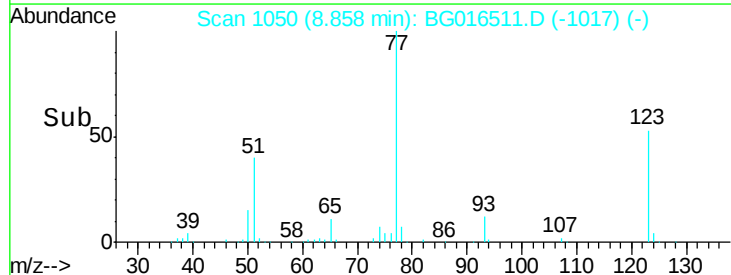
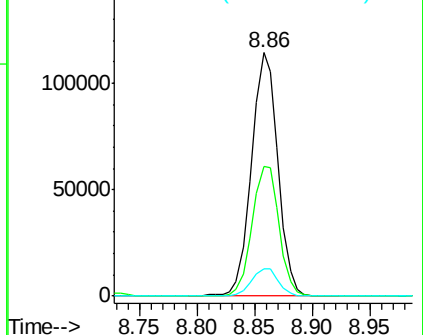


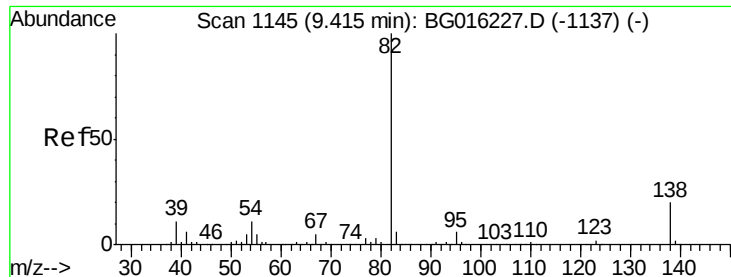
#24
Nitrobenzene
Concen: 32.86 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion: 77 Resp: 182832
Ion Ratio Lower Upper
77 100
123 53.1 38.8 58.2
65 11.4 9.4 14.2



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: 30.67 ng

RT: 9.37 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

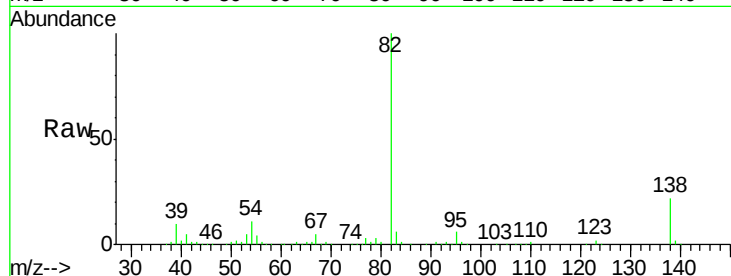
Tgt Ion: 82 Resp: 354363

Ion Ratio Lower Upper

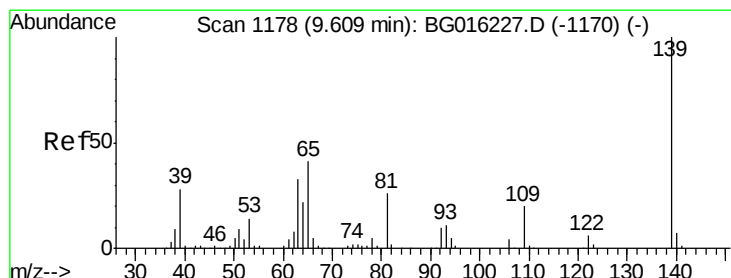
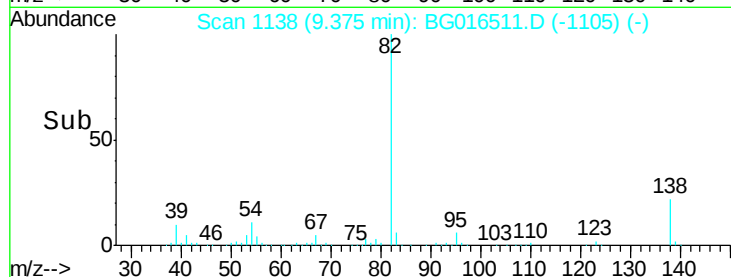
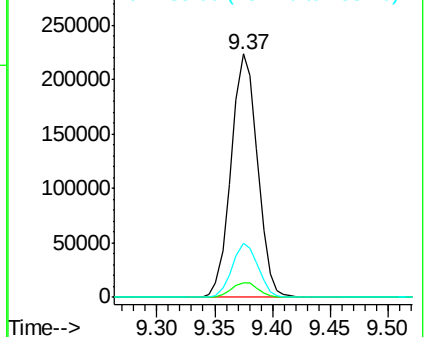
82 100

95 6.0 5.0 7.6

138 22.0 16.2 24.2



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



#26

2-Nitrophenol

Concen: 40.35 ng

RT: 9.57 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

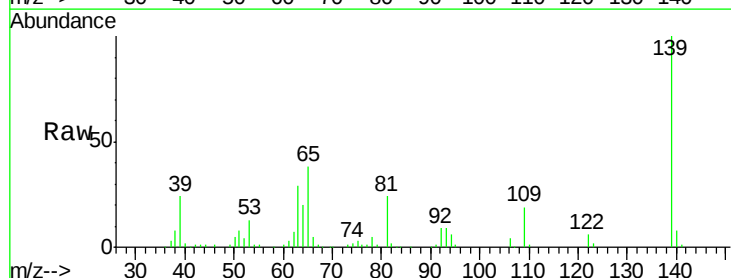
Tgt Ion: 139 Resp: 104692

Ion Ratio Lower Upper

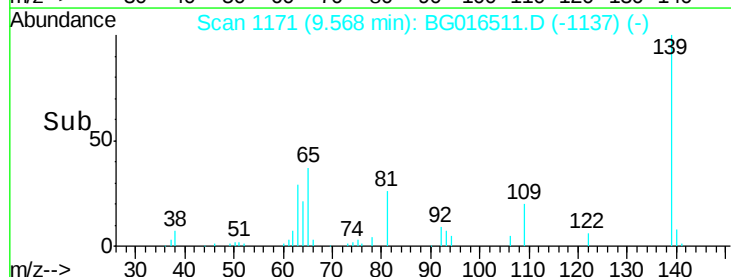
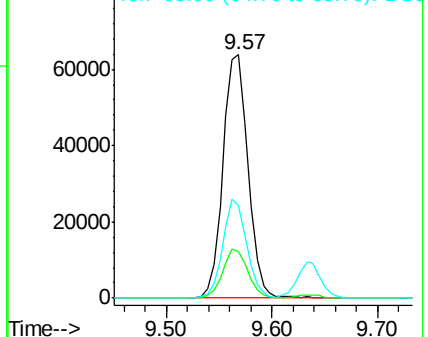
139 100

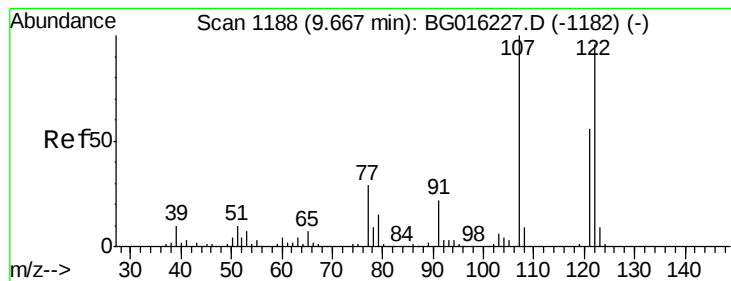
109 19.3 15.9 23.9

65 38.2 32.9 49.3



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





#27

2,4-Dimethylphenol

Concen: 39.79 ng

RT: 9.63 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

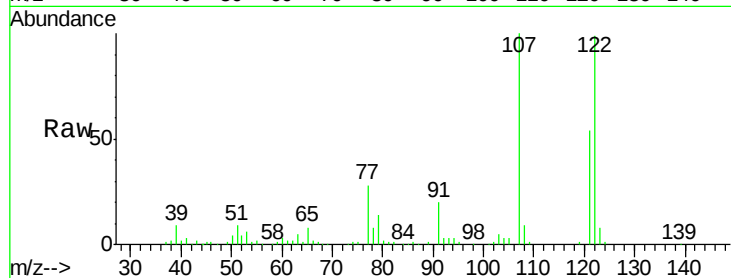
Tgt Ion: 122 Resp: 192278

Ion Ratio Lower Upper

122 100

107 101.2 83.4 125.2

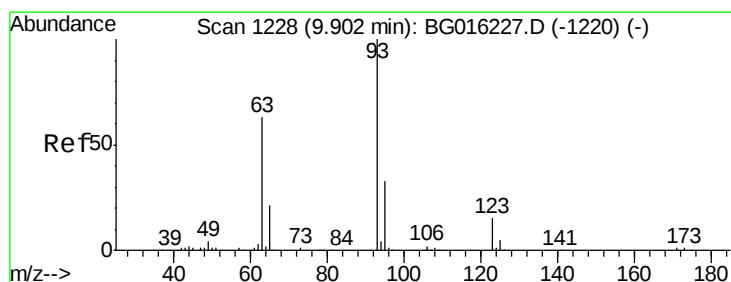
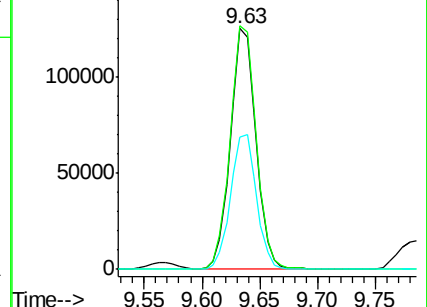
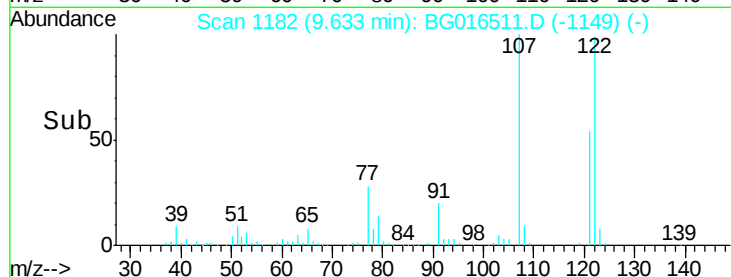
121 54.9 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.88 ng

RT: 9.86 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

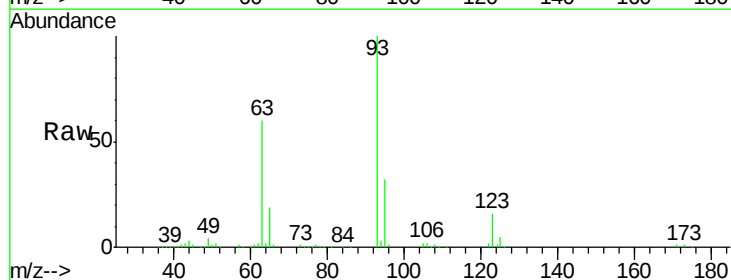
Tgt Ion: 93 Resp: 223430

Ion Ratio Lower Upper

93 100

95 31.7 26.1 39.1

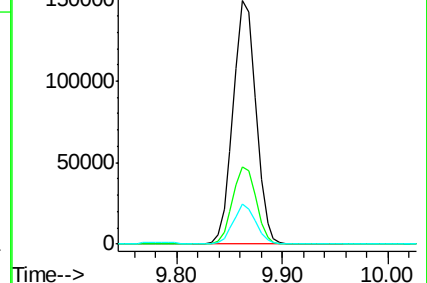
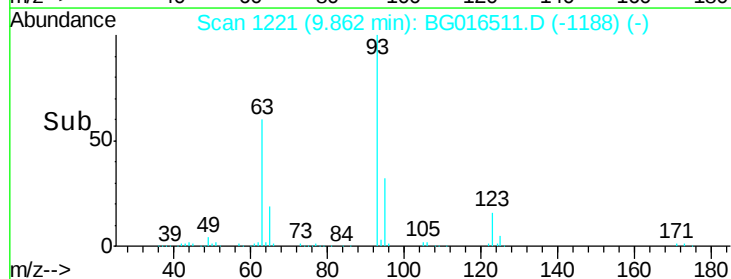
123 16.3 11.8 17.8

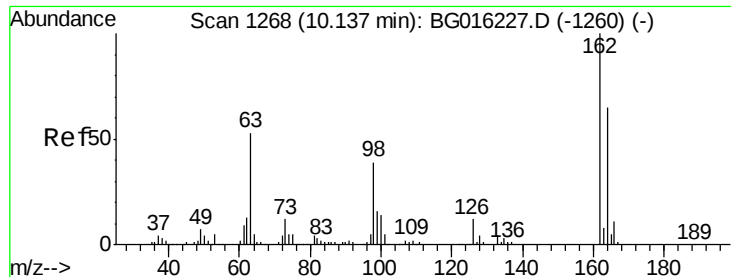


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

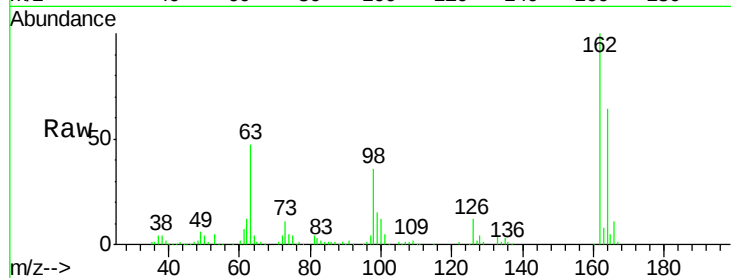




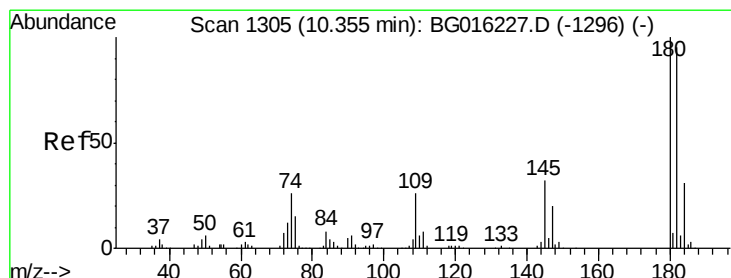
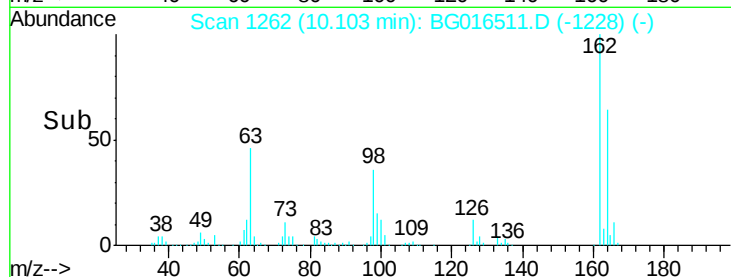
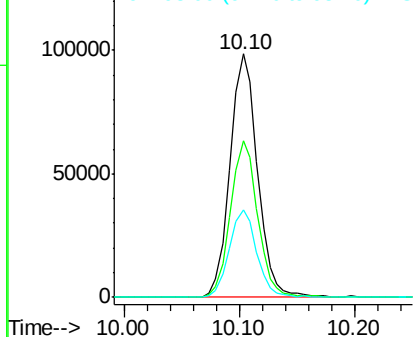
#29
2,4-Dichlorophenol
Concen: 42.61 ng
RT: 10.10 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.0	85.0
98	35.8	19.1	59.1

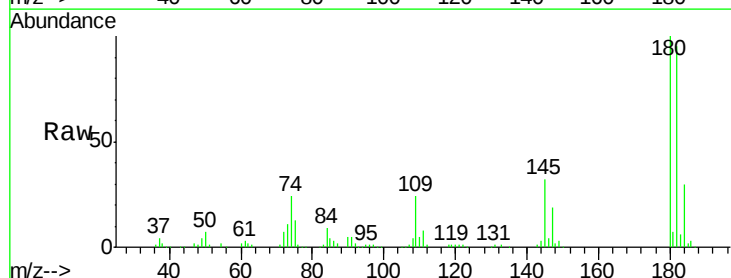


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

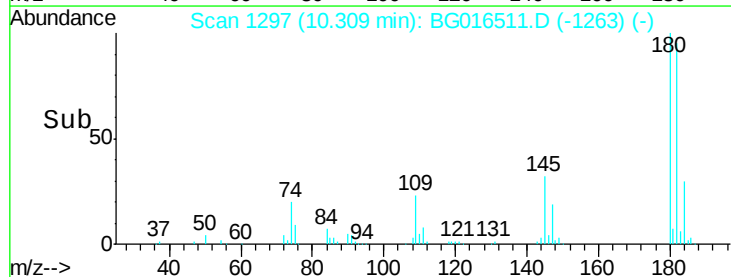
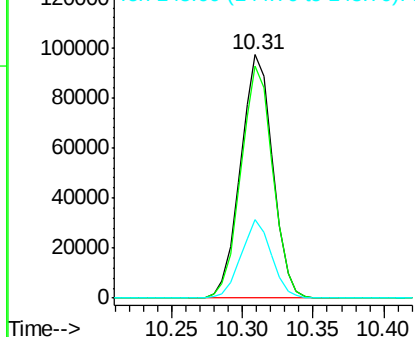


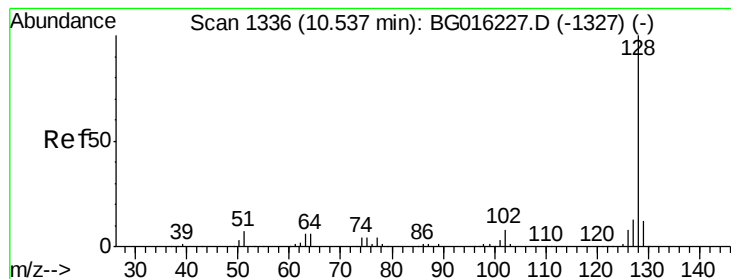
#30
1,2,4-Trichlorobenzene
Concen: 38.65 ng
RT: 10.31 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
145	32.1	25.2	37.8



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





#31

Naphthalene

Concen: 35.70 ng

RT: 10.50 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

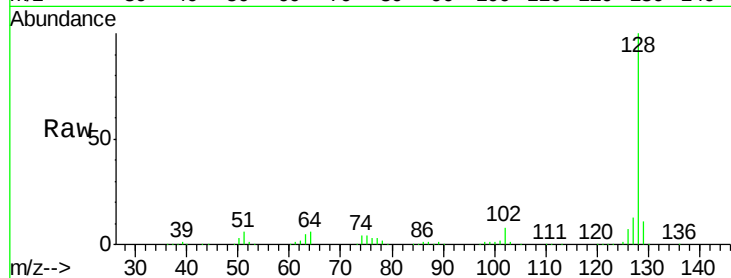
Tgt Ion:128 Resp: 560728

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

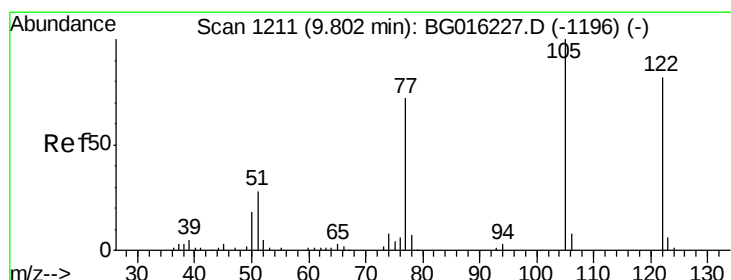
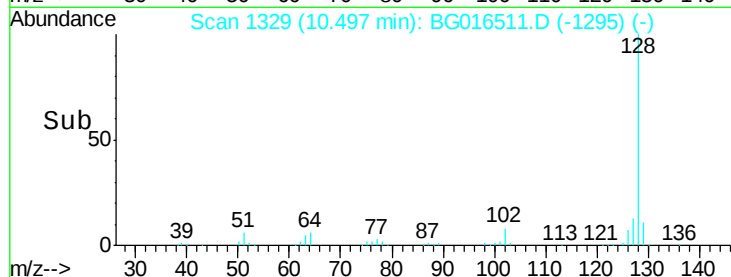
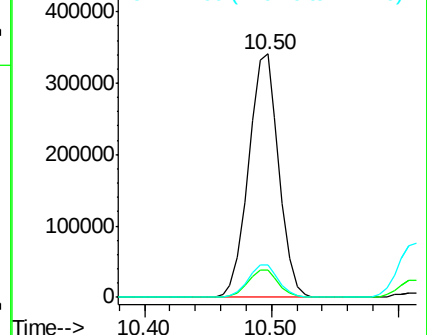
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.58 ng

RT: 9.79 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

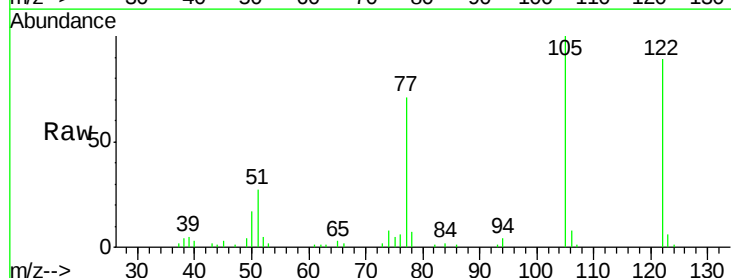
Tgt Ion:122 Resp: 45667

Ion Ratio Lower Upper

122 100

105 112.4 99.7 139.7

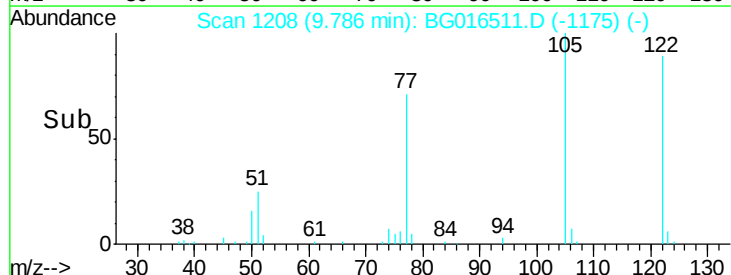
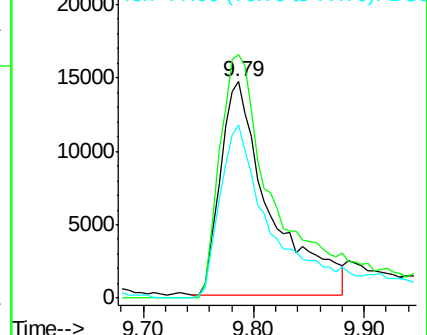
77 80.0 66.8 106.8

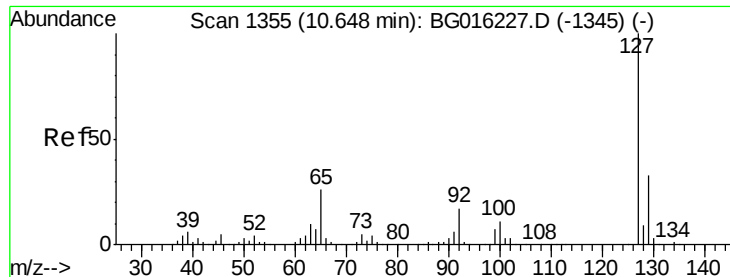


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

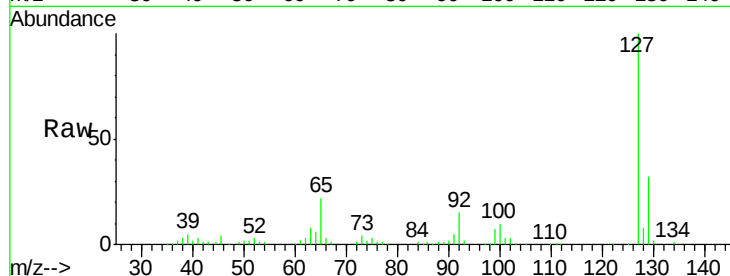




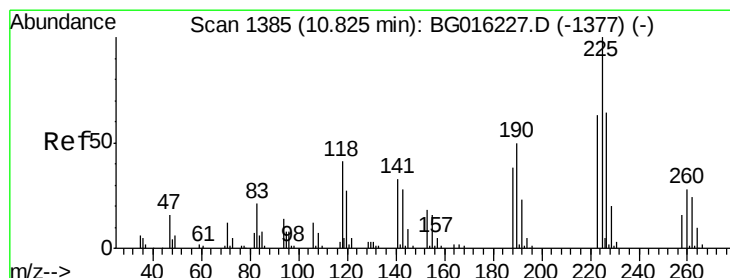
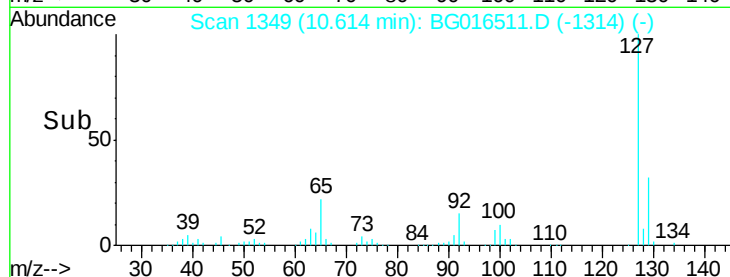
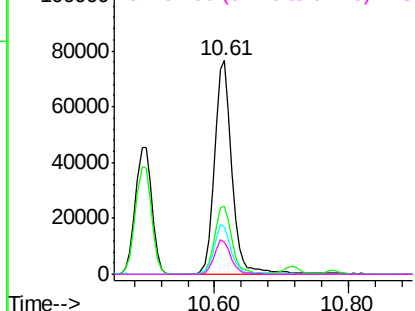
#33
4-Chloroaniline
Concen: 19.19 ng
RT: 10.61 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt Ion:127 Resp: 141444
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 22.4 21.2 31.8
92 15.0 13.8 20.6

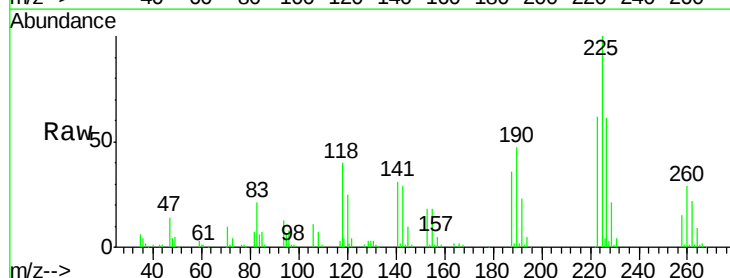


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

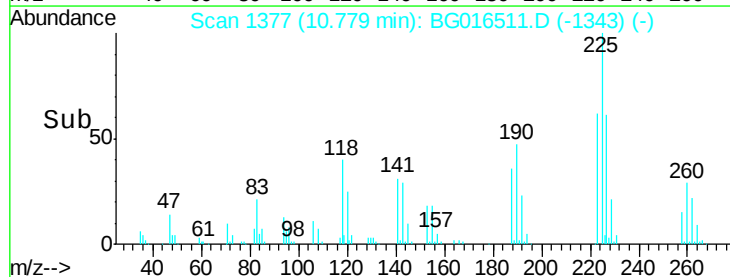
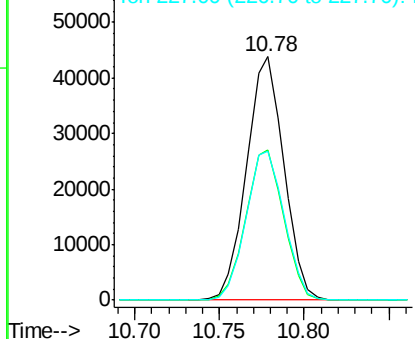


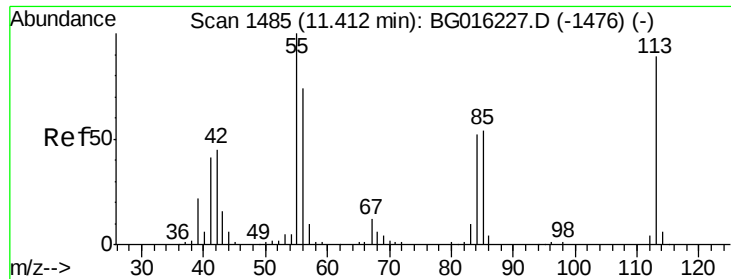
#34
Hexachlorobutadiene
Concen: 38.38 ng
RT: 10.78 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:225 Resp: 67312
Ion Ratio Lower Upper
225 100
223 61.6 50.4 75.6
227 61.2 51.2 76.8



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

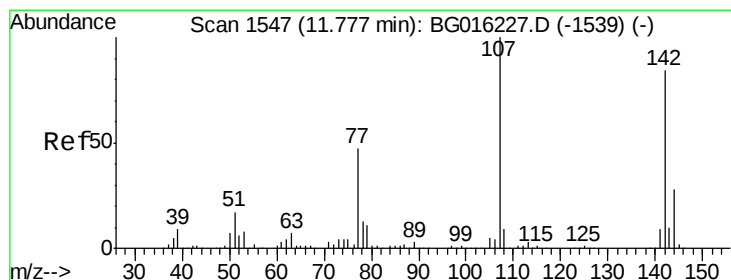
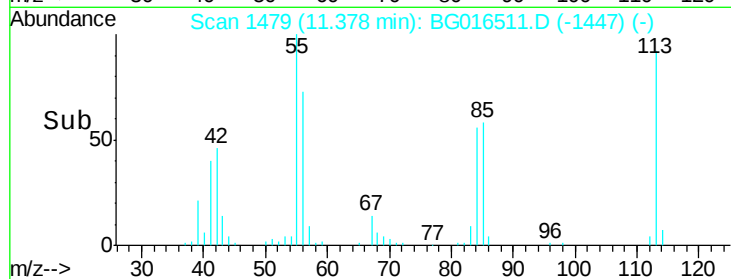
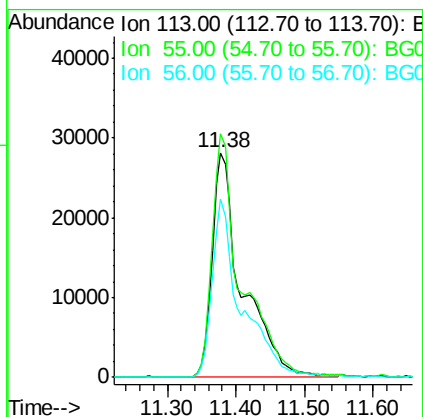
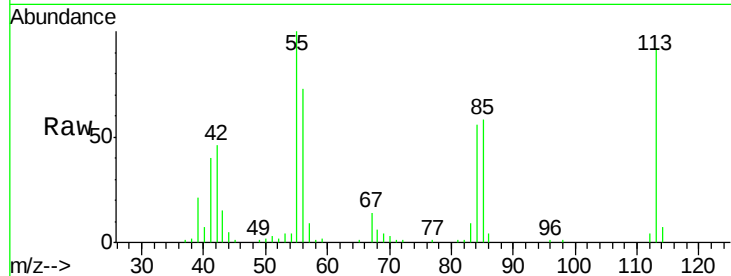




#35
 Caprolactam
 Concen: 35.48 ng
 RT: 11.38 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

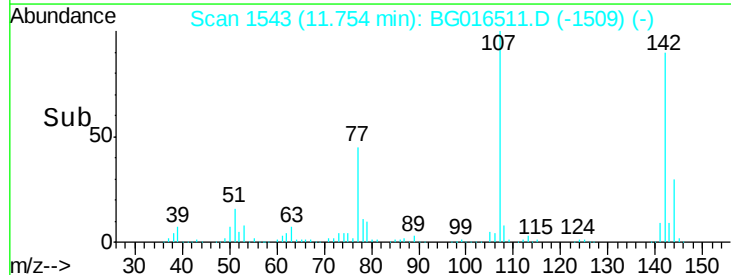
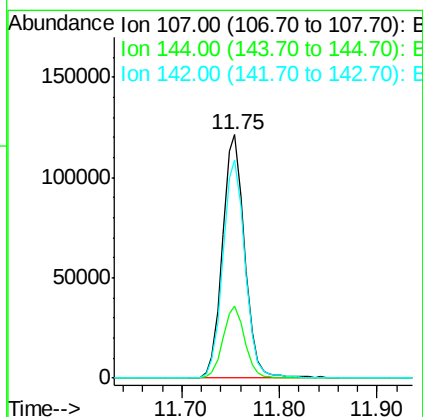
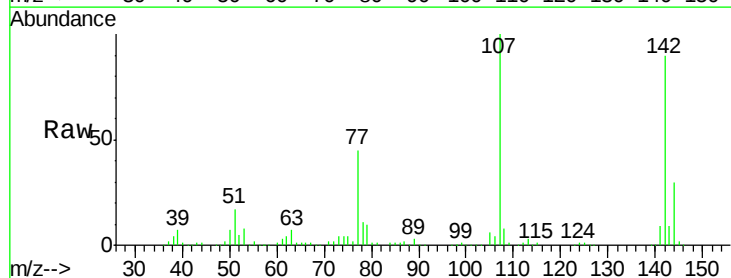
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

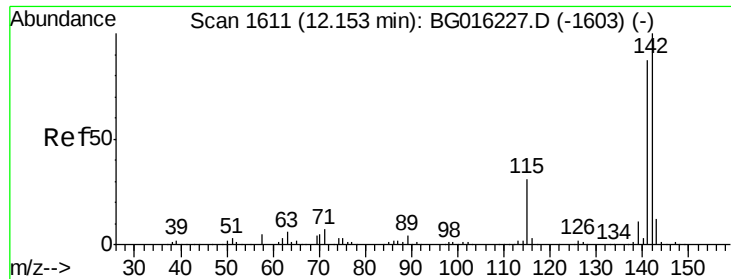
Tgt Ion: 113 Resp: 85428
 Ion Ratio Lower Upper
 113 100
 55 108.3 92.4 132.4
 56 79.3 63.2 103.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.97 ng
 RT: 11.75 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion: 107 Resp: 191805
 Ion Ratio Lower Upper
 107 100
 144 29.6 22.0 33.0
 142 89.6 67.0 100.6

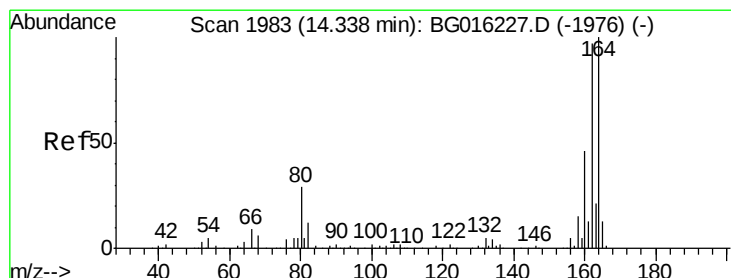
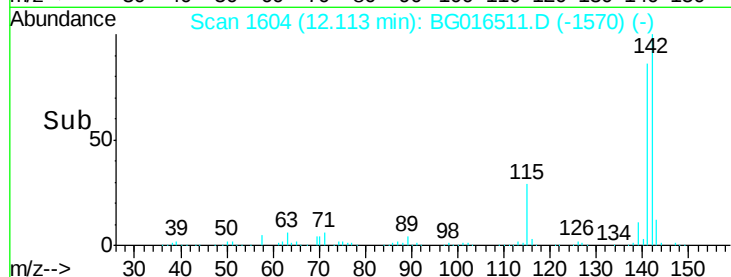
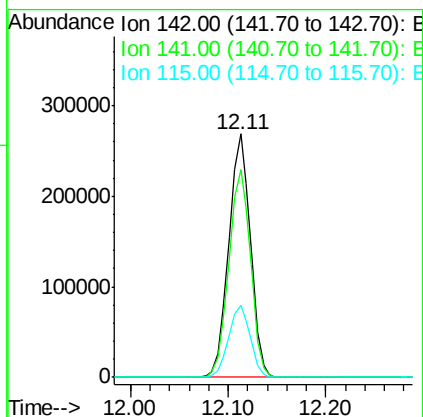
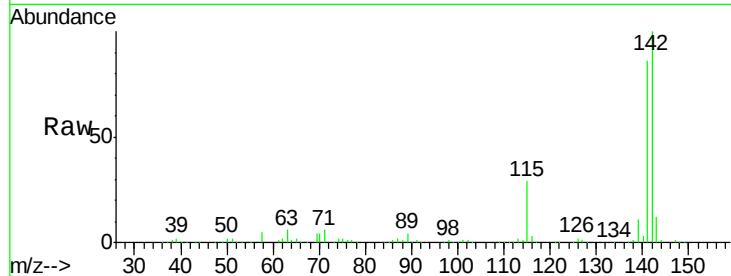




#37
2-Methylnaphthalene
Concen: 36.58 ng
RT: 12.11 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

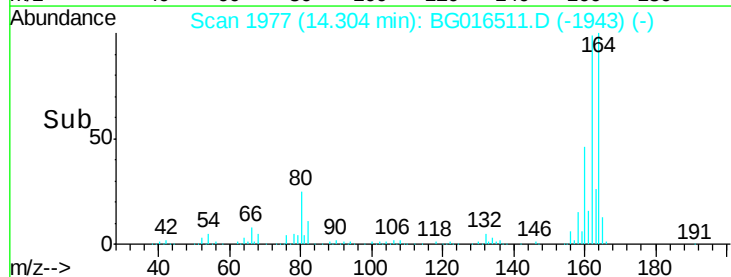
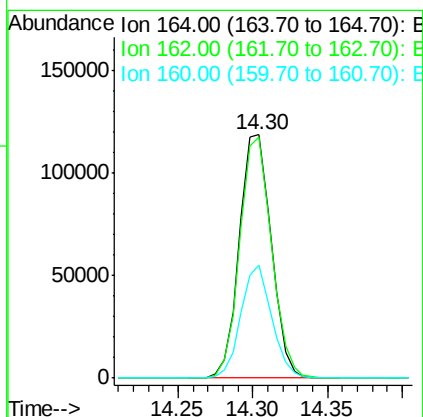
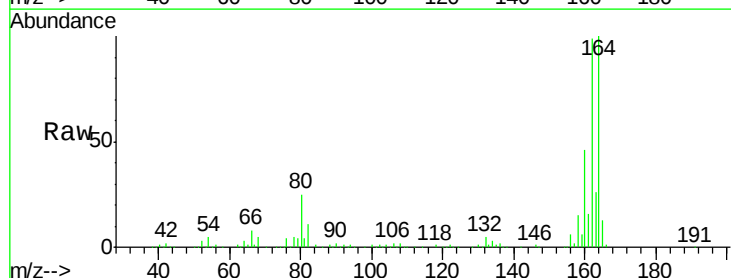
Instrument :
BNA_G
ClientSampleId :
PB82837BS

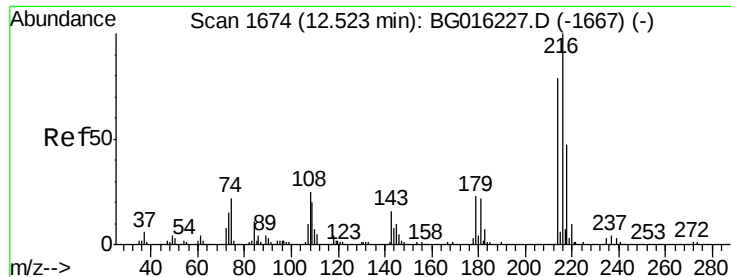
Tgt Ion:142 Resp: 413331
Ion Ratio Lower Upper
142 100
141 85.5 69.3 103.9
115 29.5 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:164 Resp: 175653
Ion Ratio Lower Upper
164 100
162 98.8 77.3 115.9
160 46.2 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.07 ng

RT: 12.49 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

Tgt Ion:216 Resp: 143346

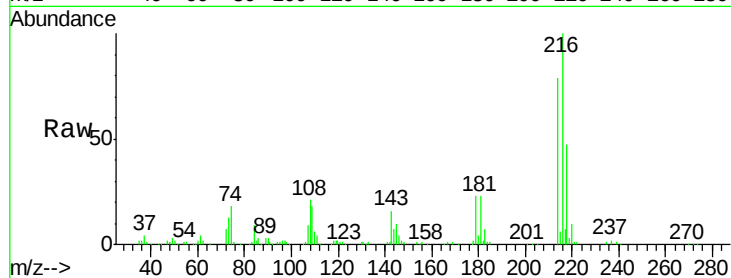
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.7 18.2 27.2

108 25.4 21.2 31.8

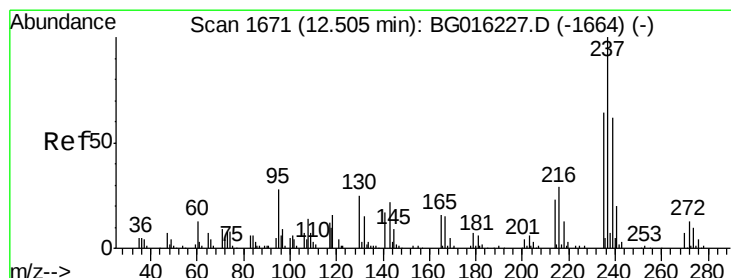
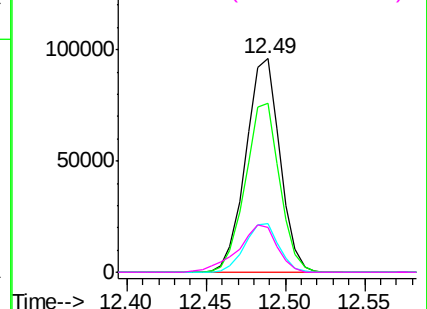
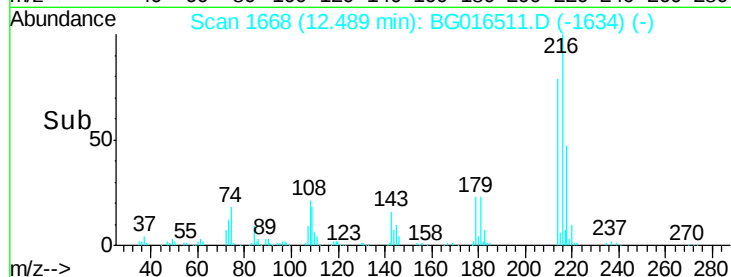


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.18 ng

RT: 12.47 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

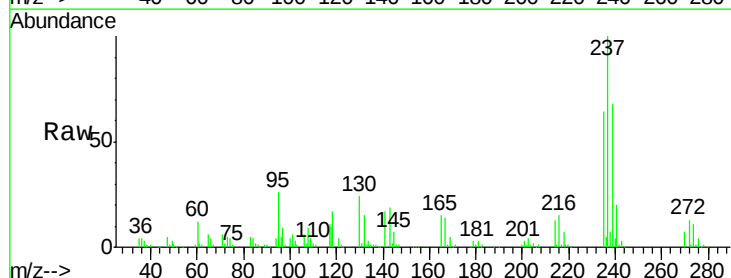
Tgt Ion:237 Resp: 117146

Ion Ratio Lower Upper

237 100

235 63.5 43.9 83.9

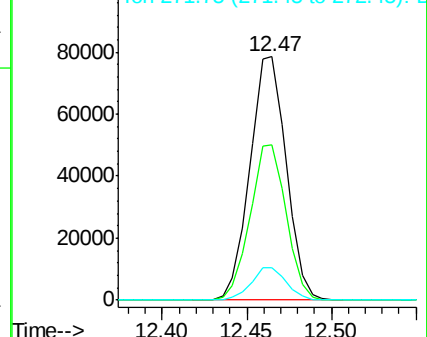
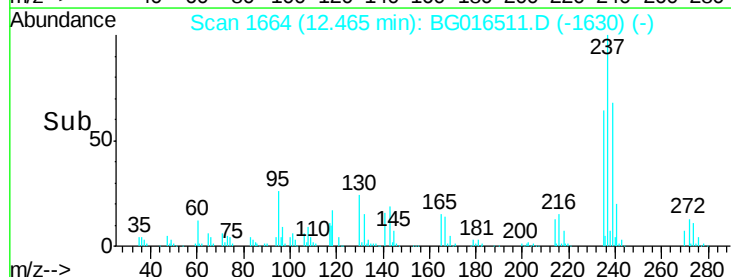
272 13.1 0.0 33.1

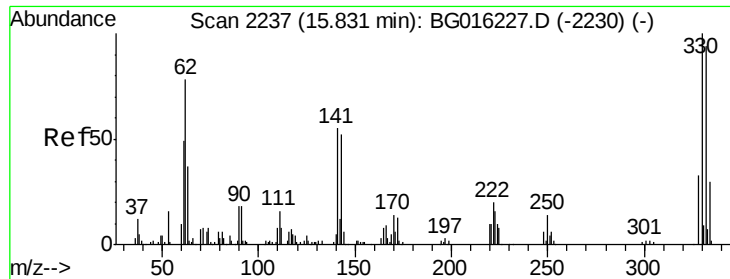


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

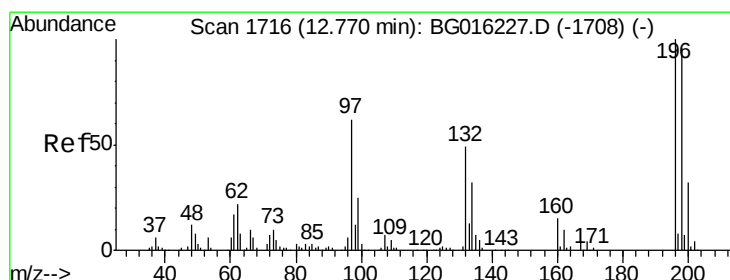
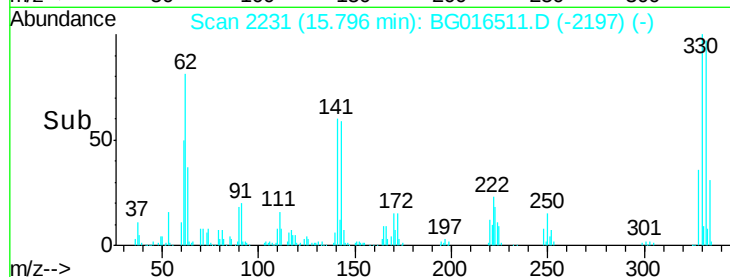
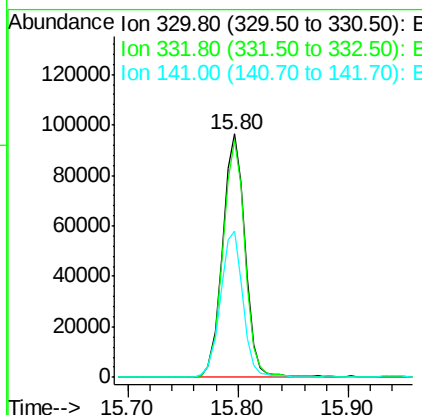
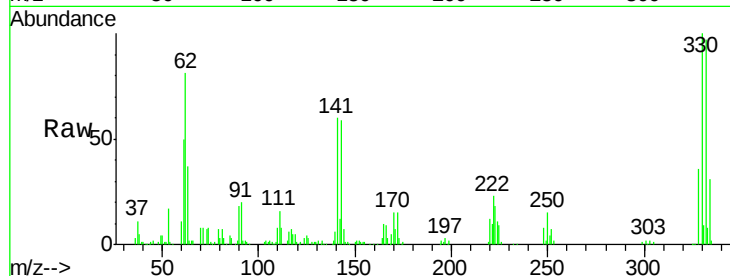




#41
 2,4,6-Tribromophenol
 Concen: 116.22 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

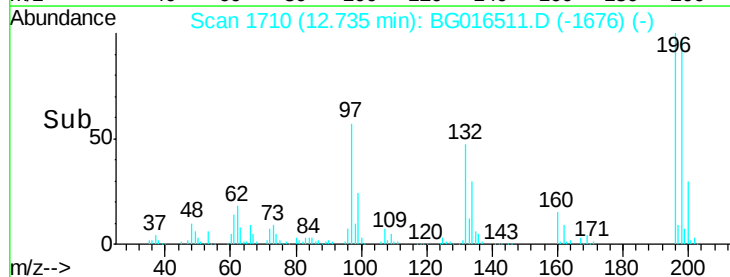
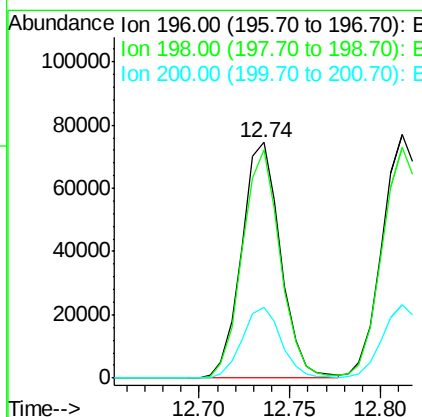
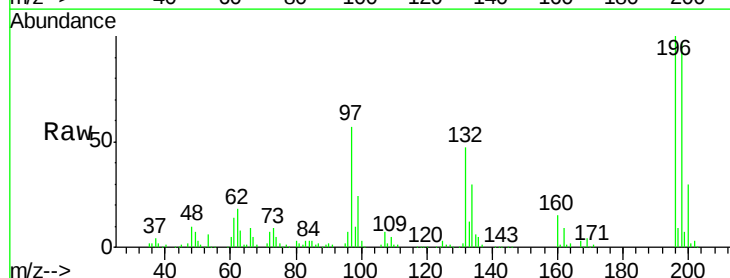
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

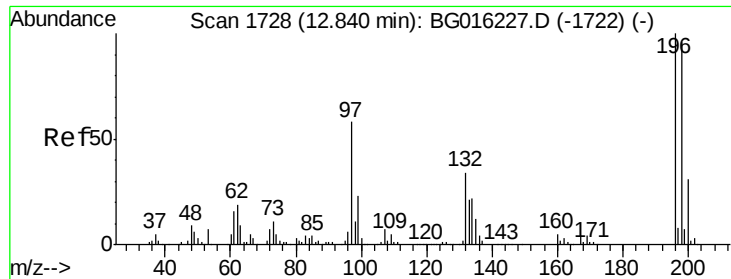
Tgt Ion:330 Resp: 138057
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 59.7 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 38.66 ng
 RT: 12.74 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:196 Resp: 111095
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.2 115.8
 200 30.1 25.3 37.9

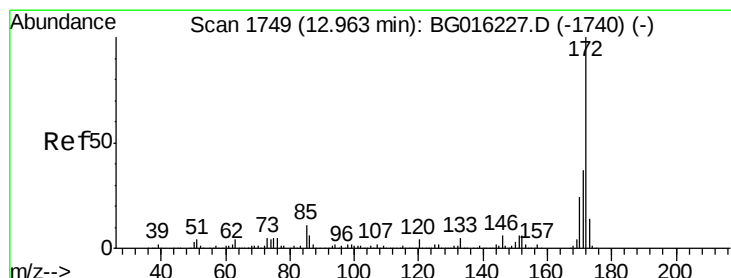
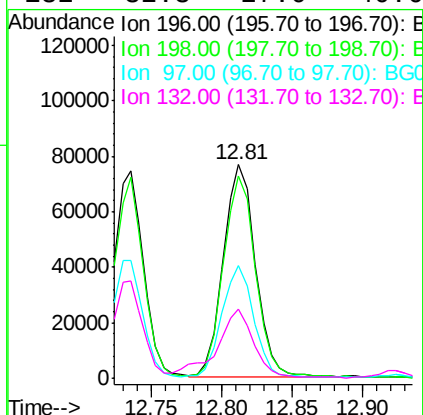
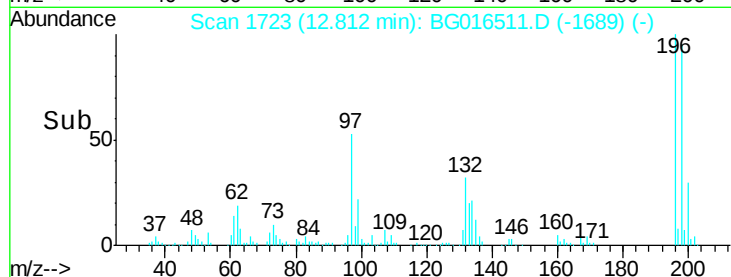
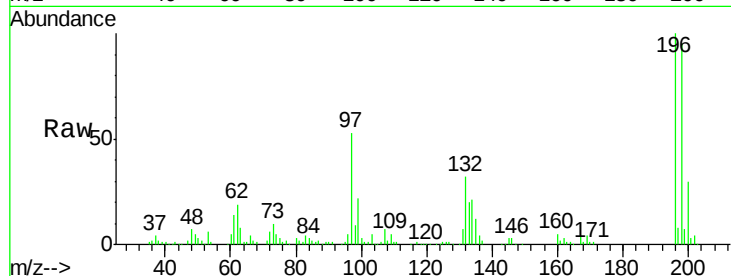




#43
 2,4,5-Trichlorophenol
 Concen: 39.61 ng
 RT: 12.81 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

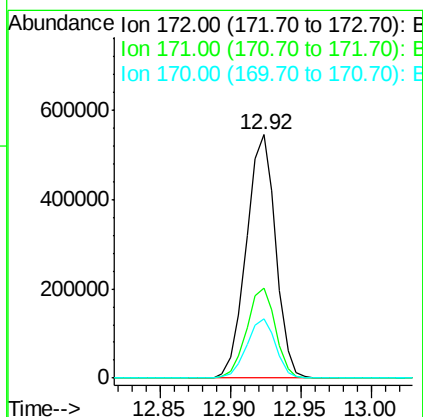
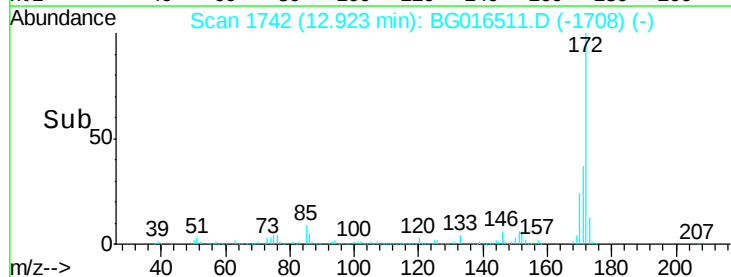
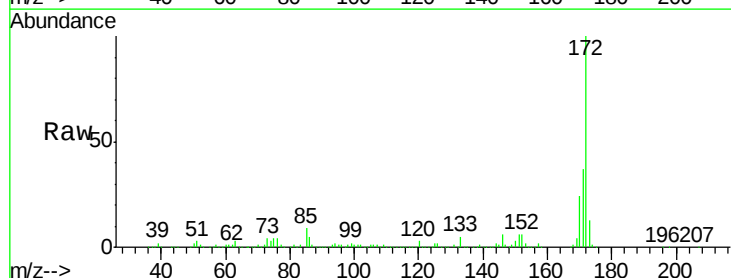
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

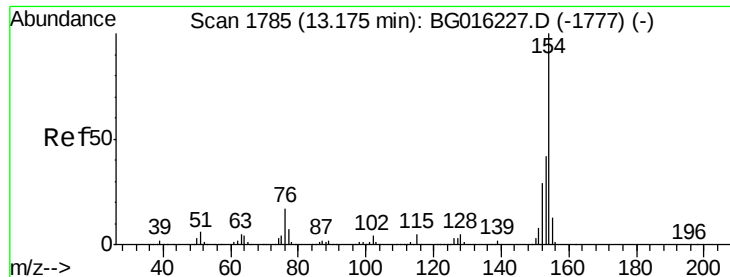
Tgt Ion	Resp	Lower	Upper
196	121620		
198	94.8	77.1	115.7
97	53.0	46.6	69.8
132	32.3	27.0	40.6



#44
 2-Fluorobiphenyl
 Concen: 76.97 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion	Resp	Lower	Upper
172	794131		
171	37.2	29.6	44.4
170	24.3	19.4	29.2

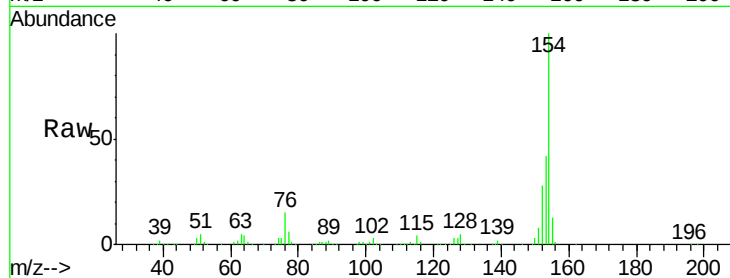




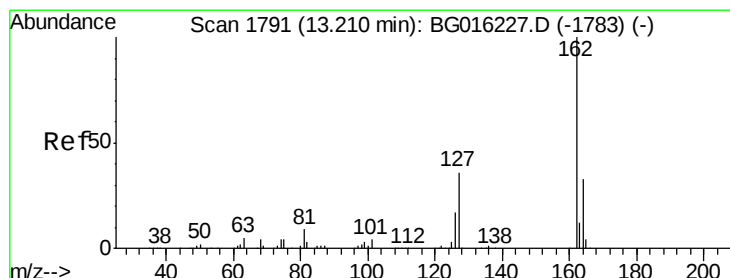
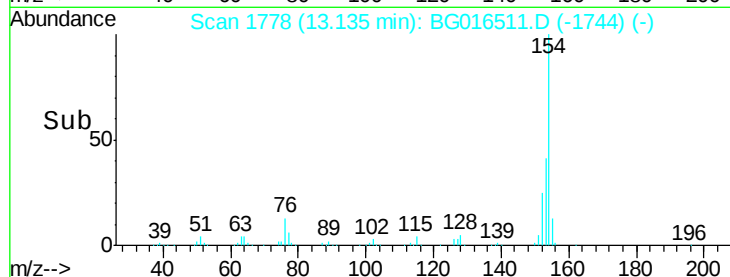
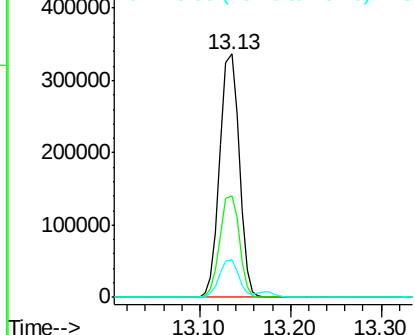
#45
 1,1'-Biphenyl
 Concen: 37.15 ng
 RT: 13.13 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Tgt Ion:154 Resp: 500595
 Ion Ratio Lower Upper
 154 100
 153 41.6 22.4 62.4
 76 15.4 0.0 37.1

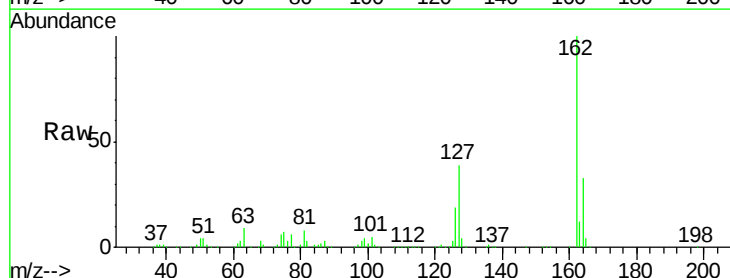


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

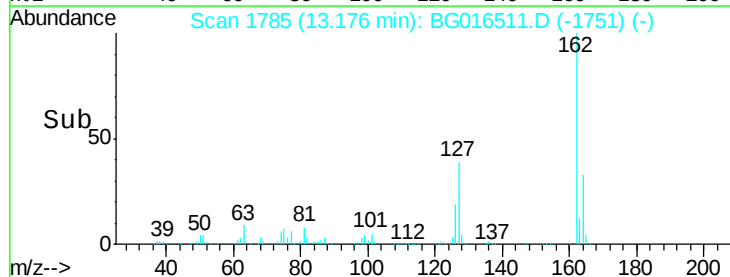
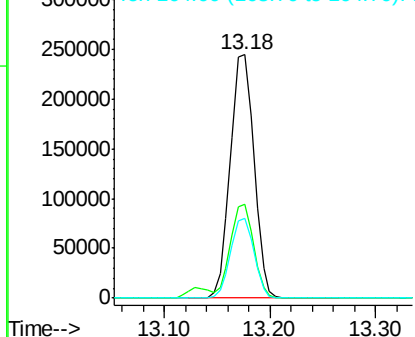


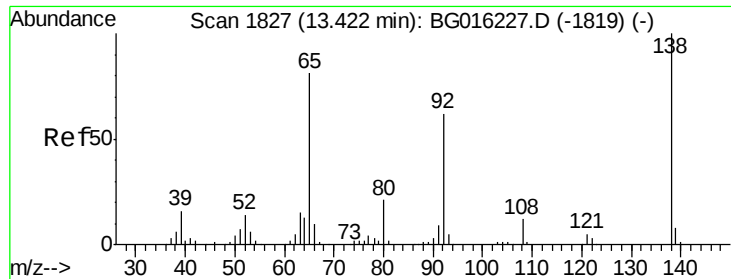
#46
 2-Chloronaphthalene
 Concen: 36.91 ng
 RT: 13.18 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:162 Resp: 378809
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.8 46.2
 164 32.8 26.6 40.0



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

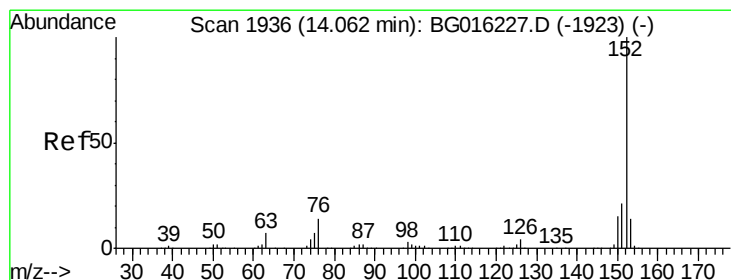
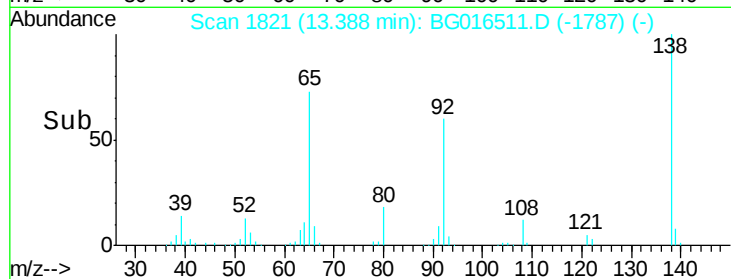
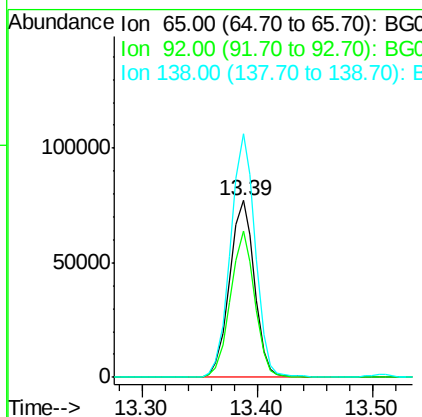
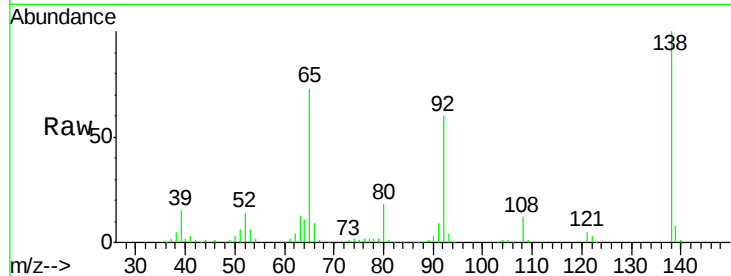




#47
 2-Nitroaniline
 Concen: 35.04 ng
 RT: 13.39 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

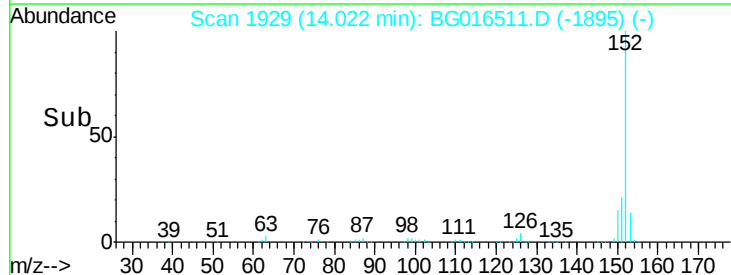
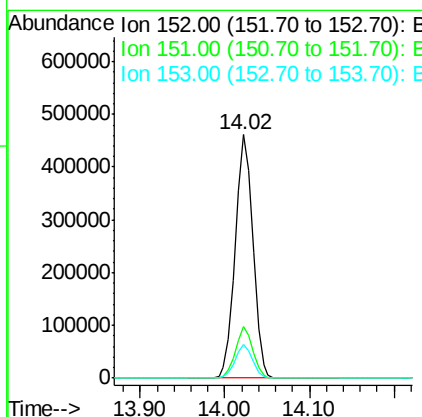
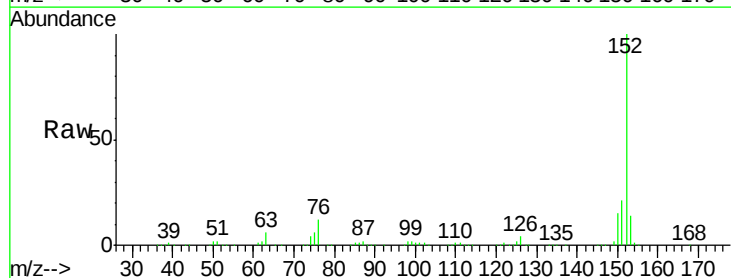
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

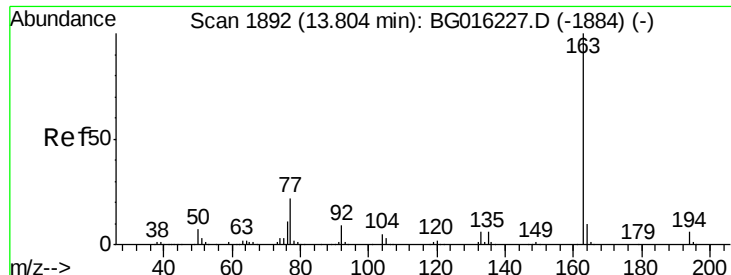
Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.5	61.0	91.6
138	137.8	98.7	148.1



#48
 Acenaphthylene
 Concen: 35.97 ng
 RT: 14.02 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.5	24.7
153	13.7	11.1	16.7





#49

Dimethylphthalate

Concen: 36.13 ng

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

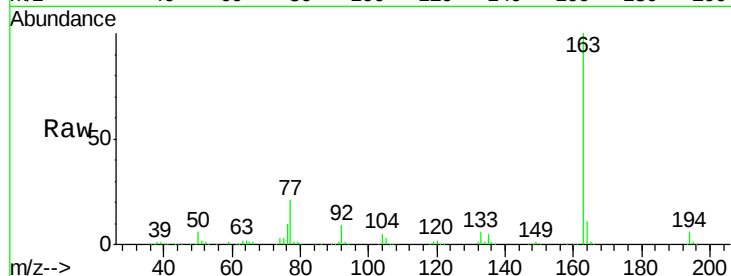
Tgt Ion:163 Resp: 465085

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

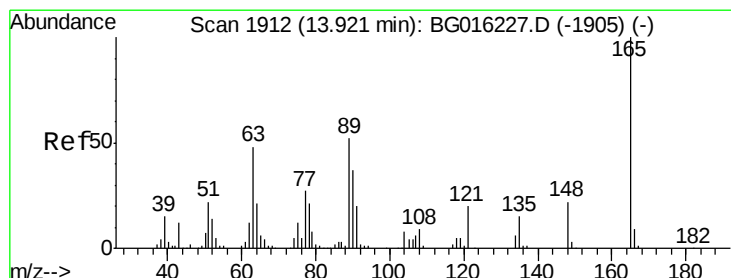
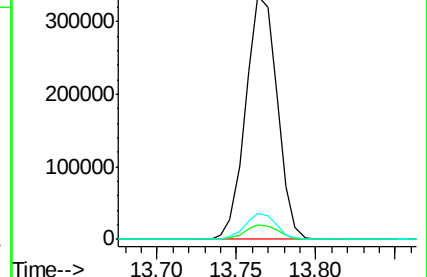
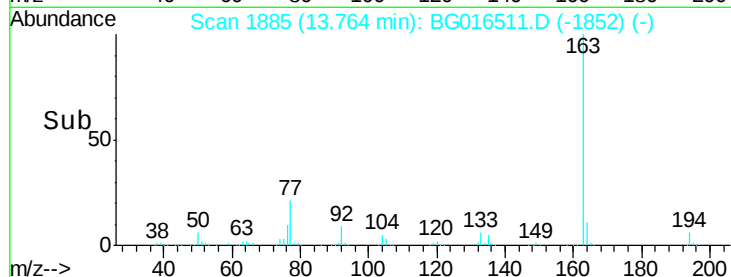
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.51 ng

RT: 13.89 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

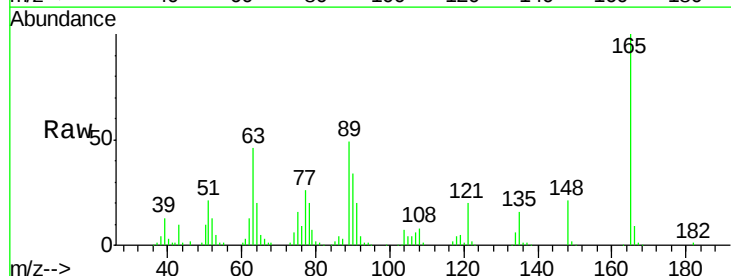
Tgt Ion:165 Resp: 116779

Ion Ratio Lower Upper

165 100

63 46.1 39.3 58.9

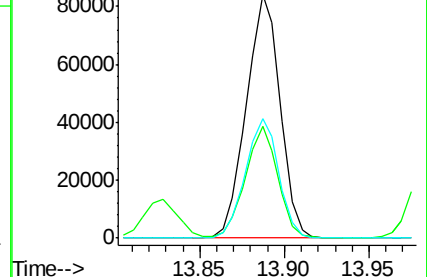
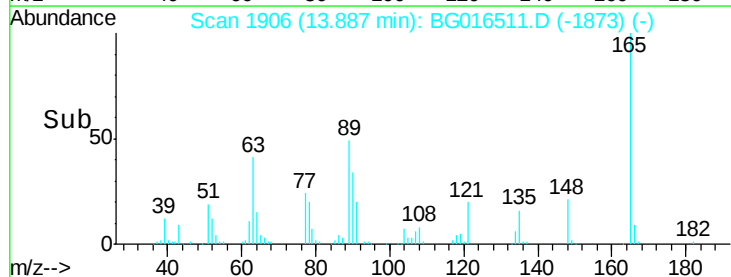
89 48.9 41.3 61.9

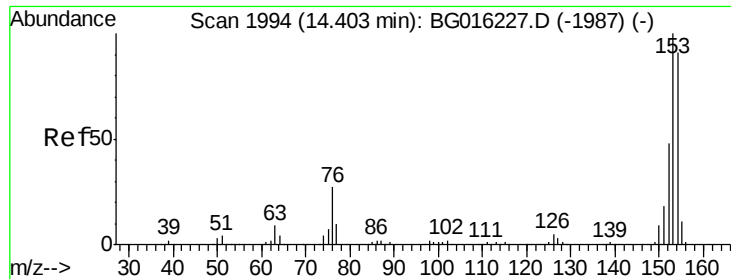


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 36.40 ng

RT: 14.37 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

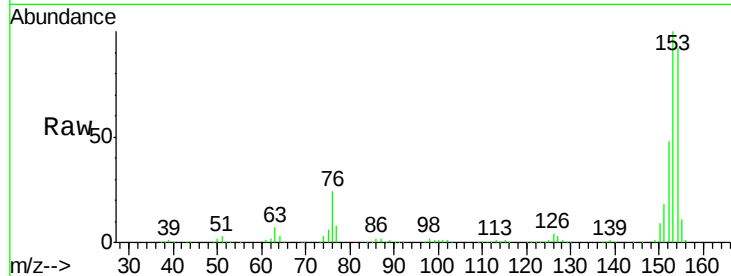
Tgt Ion:154 Resp: 397050

Ion Ratio Lower Upper

154 100

153 108.2 87.5 131.3

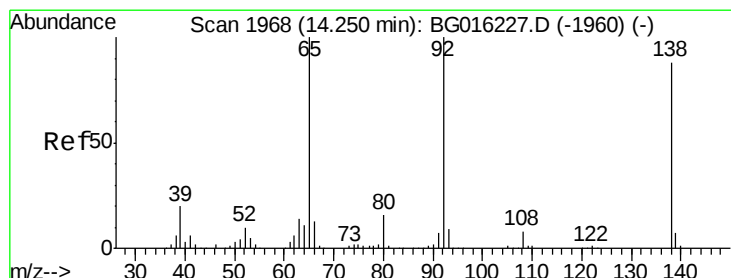
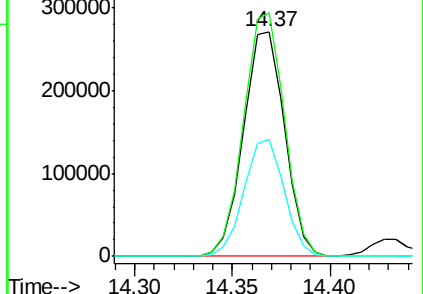
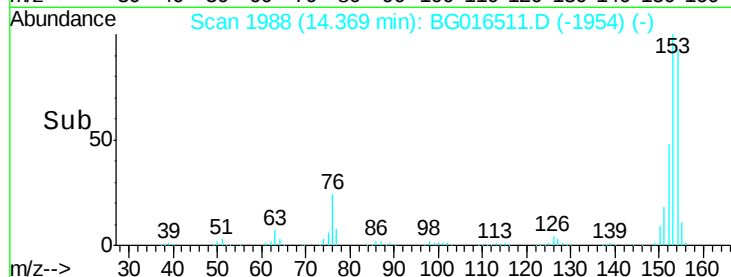
152 51.8 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.07 ng

RT: 14.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

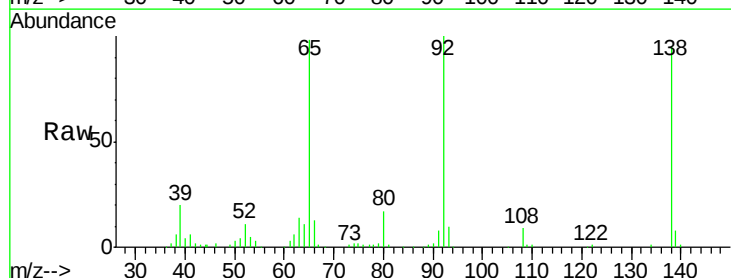
Tgt Ion:138 Resp: 95691

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.0

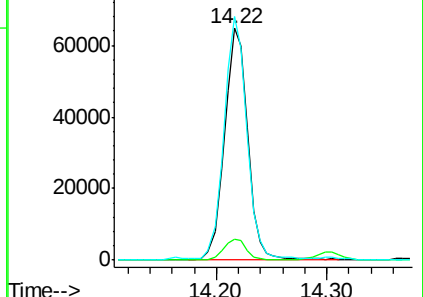
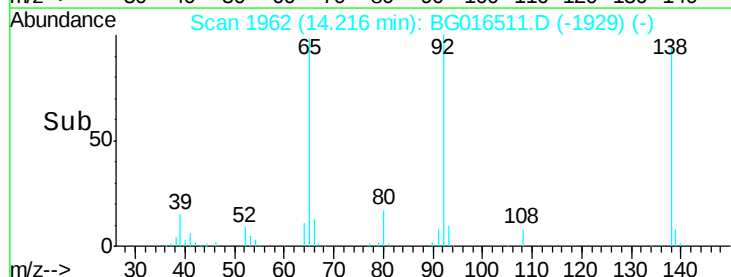
92 105.1 91.4 137.0

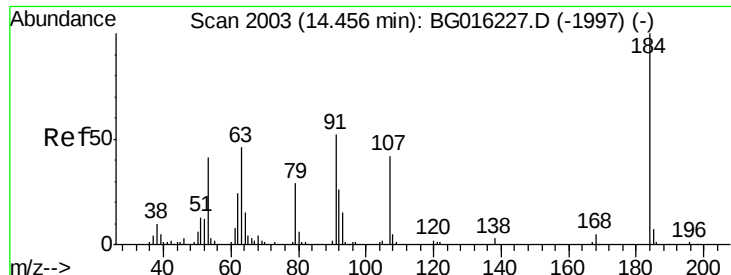


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

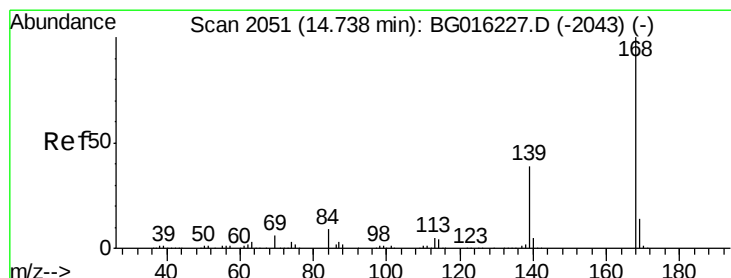
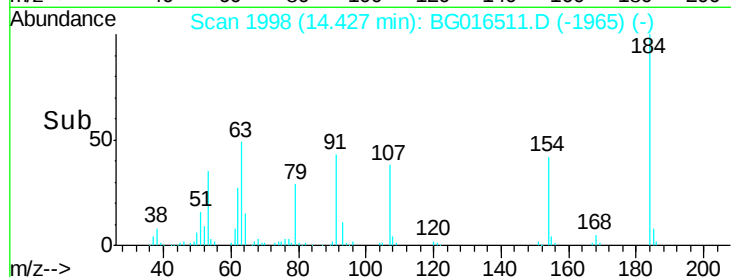
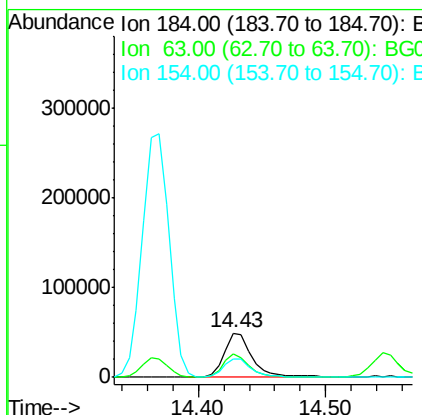
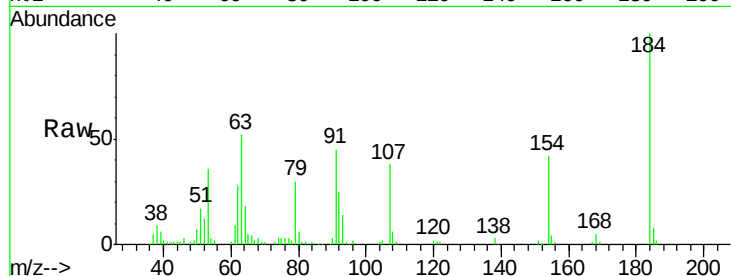




#53
 2,4-Dinitrophenol
 Concen: 45.97 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

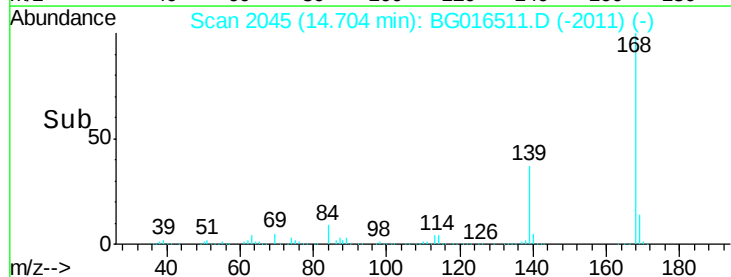
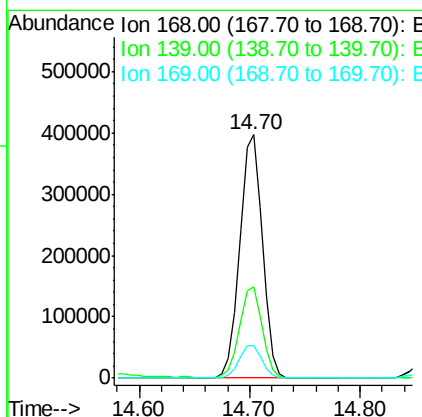
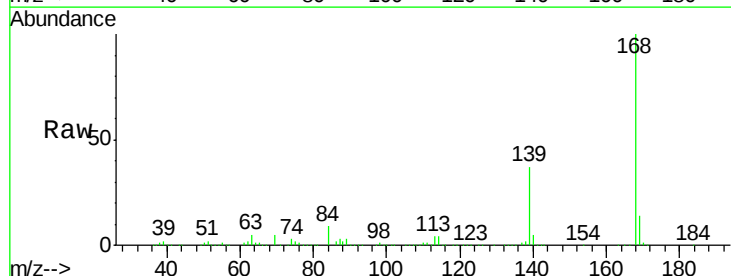
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

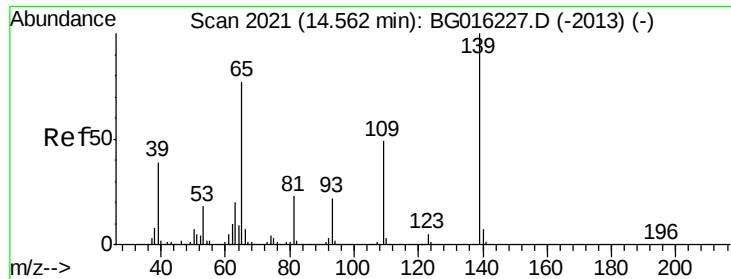
Tgt Ion:184 Resp: 75780
 Ion Ratio Lower Upper
 184 100
 63 52.1 45.8 68.6
 154 41.7 34.5 51.7



#54
 Dibenzofuran
 Concen: 37.84 ng
 RT: 14.70 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:168 Resp: 572671
 Ion Ratio Lower Upper
 168 100
 139 37.4 31.0 46.6
 169 13.5 11.2 16.8

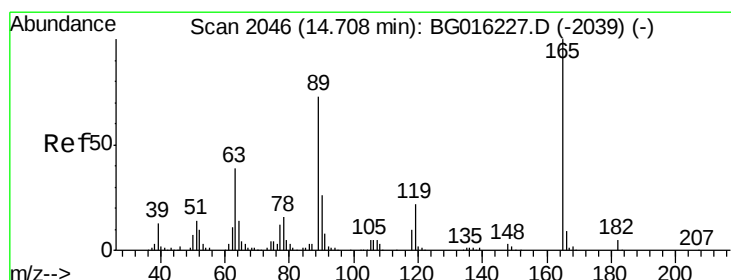
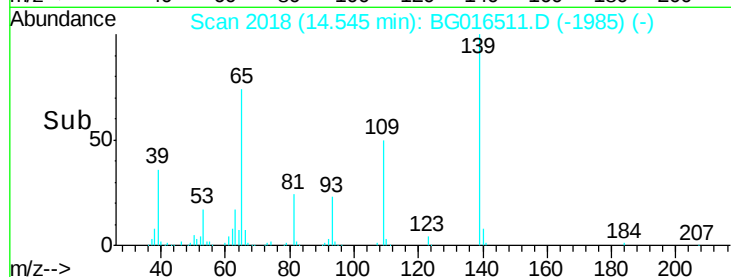
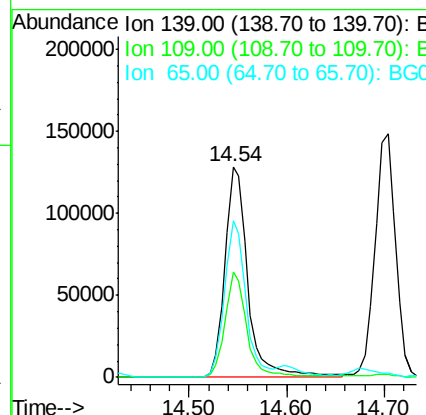
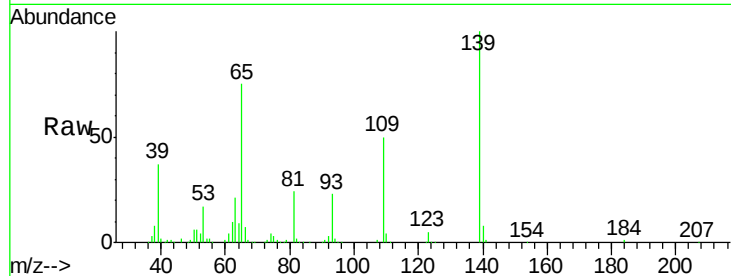




#55
4-Nitrophenol
Concen: 64.06 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

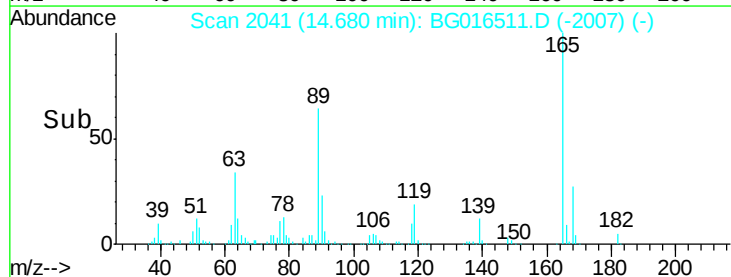
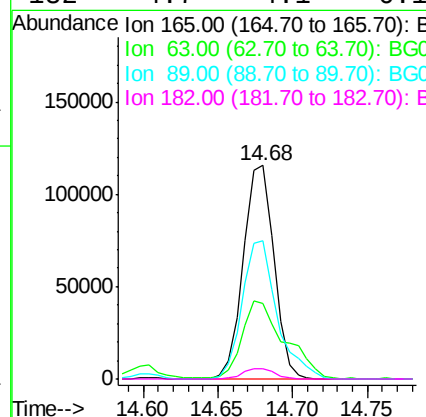
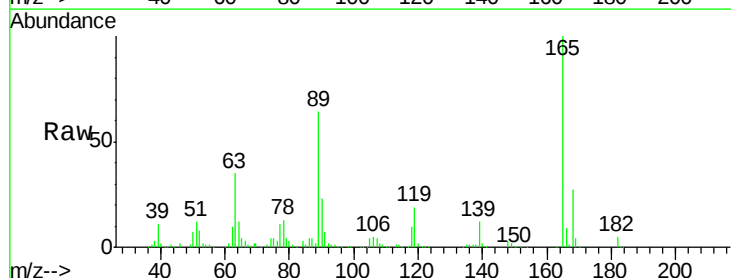
Instrument :
BNA_G
ClientSampleId :
PB82837BS

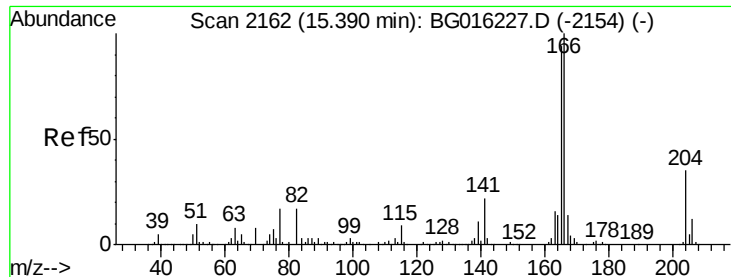
Tgt Ion	Ratio	Lower	Upper
139	100		
109	49.9	28.5	68.5
65	74.7	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 38.94 ng
RT: 14.68 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.1	31.4	47.2
89	64.4	58.8	88.2
182	4.7	4.1	6.1

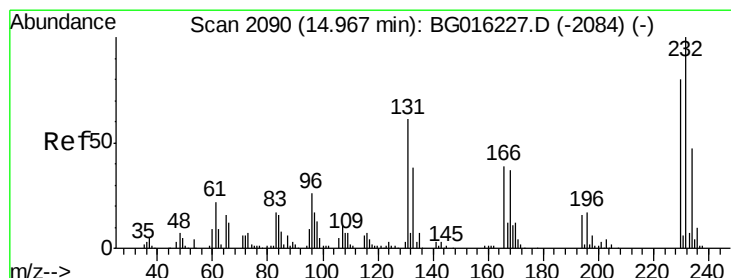
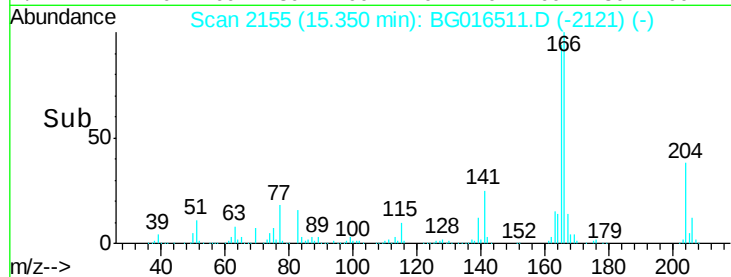
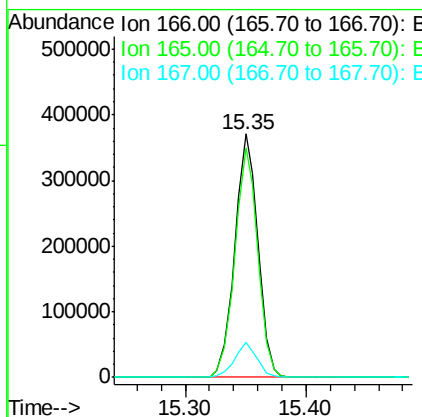
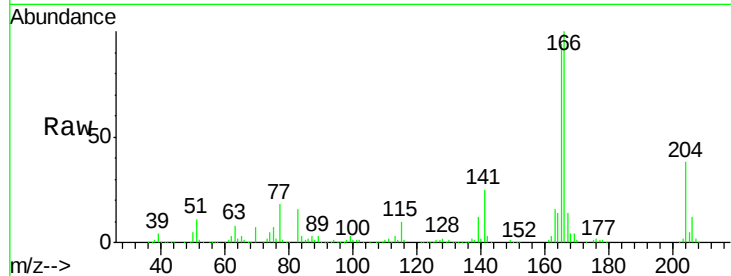




#57
Fluorene
 Concen: 36.96 ng
 RT: 15.35 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

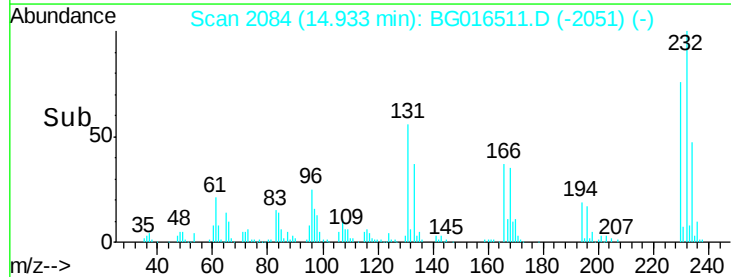
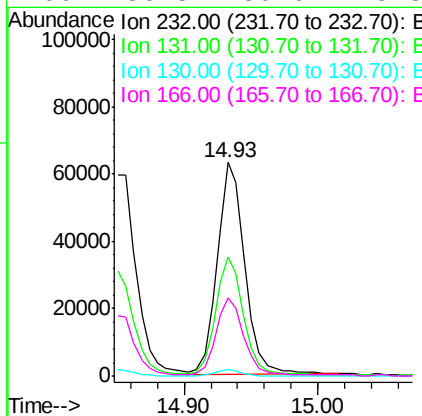
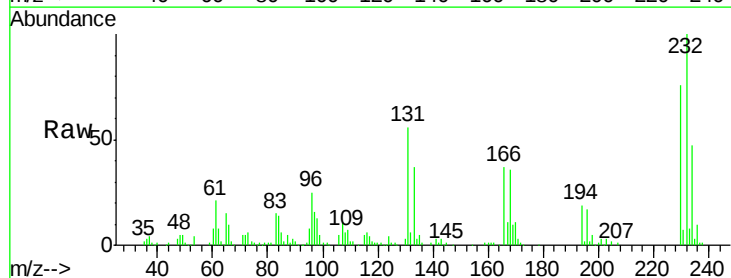
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

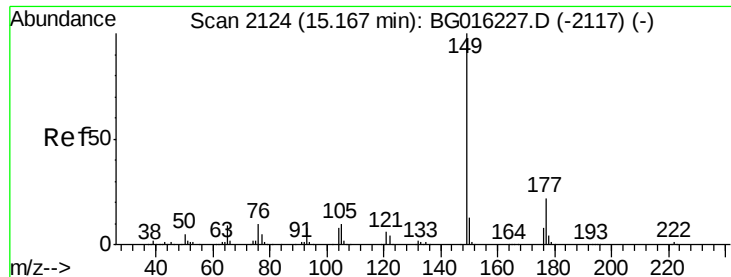
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.2	112.8
167	14.3	11.3	16.9



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.70 ng
 RT: 14.93 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.1	49.8	74.6
130	2.9	2.6	3.8
166	36.5	30.6	45.8

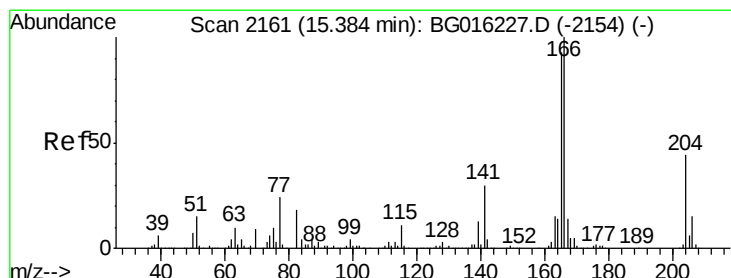
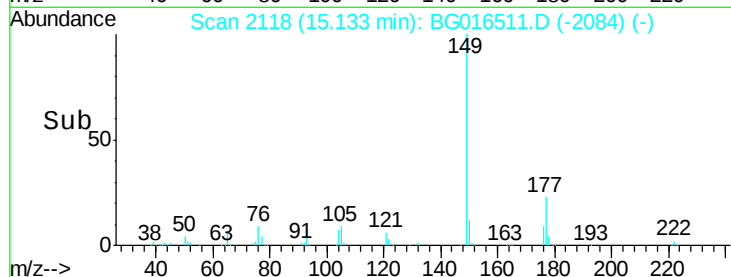
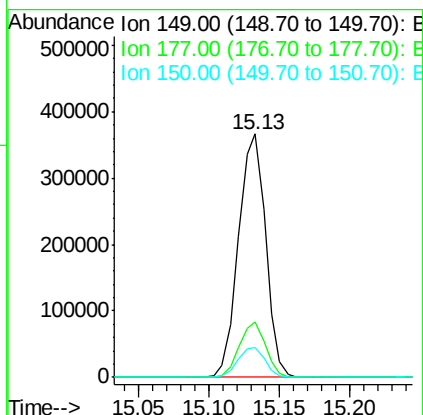
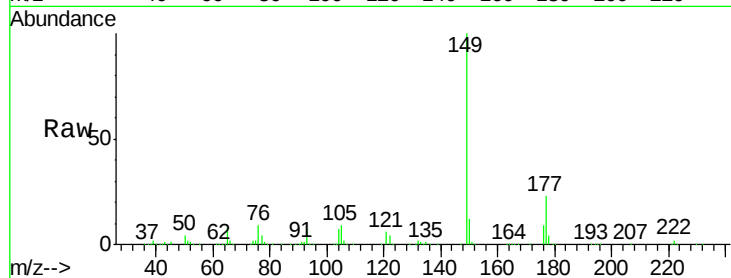




#59
Diethylphthalate
Concen: 35.88 ng
RT: 15.13 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

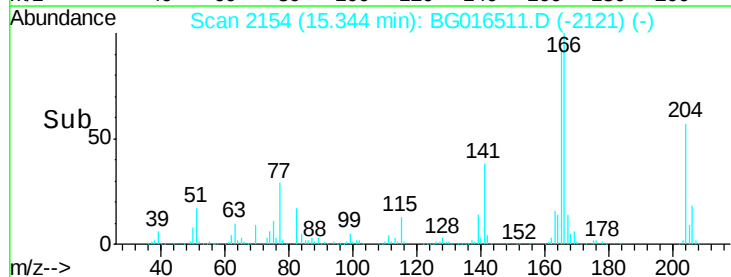
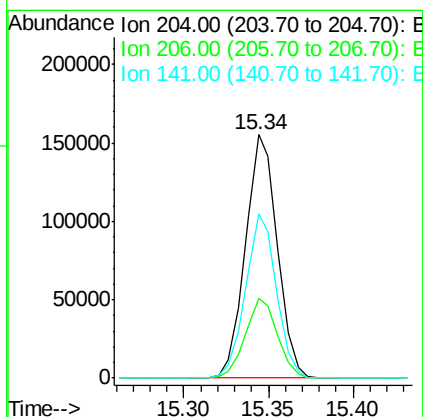
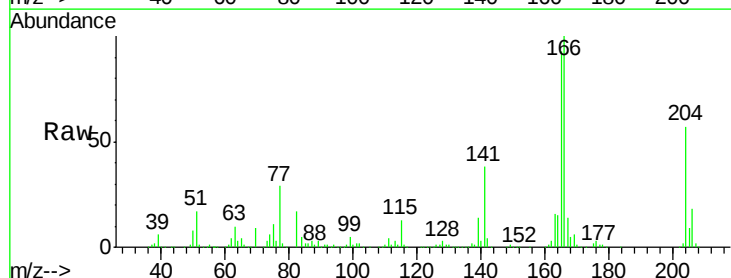
Instrument :
BNA_G
ClientSampleId :
PB82837BS

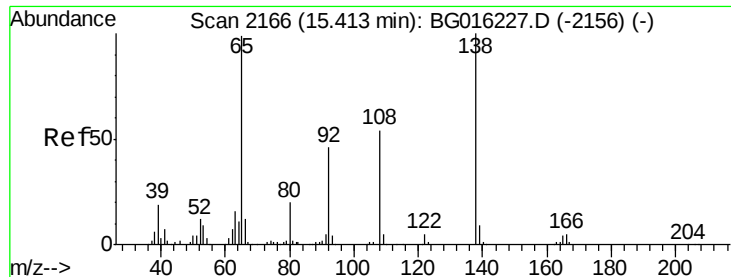
Tgt Ion:149 Resp: 491651
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.0 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 37.34 ng
RT: 15.34 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:204 Resp: 203978
Ion Ratio Lower Upper
204 100
206 32.5 27.6 41.4
141 67.5 55.4 83.2

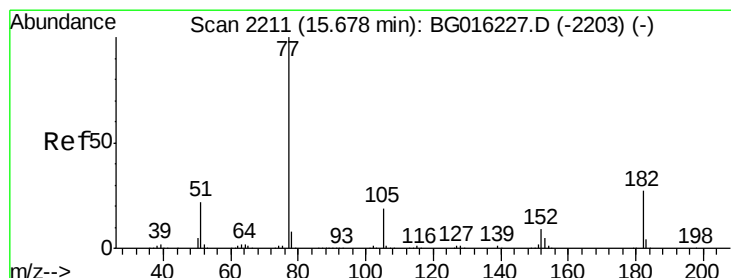
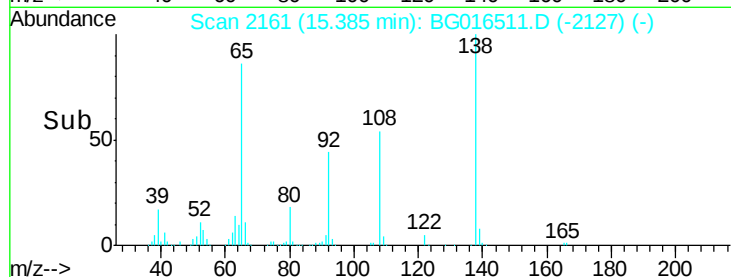
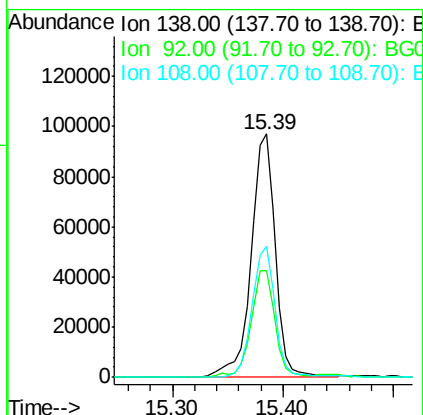
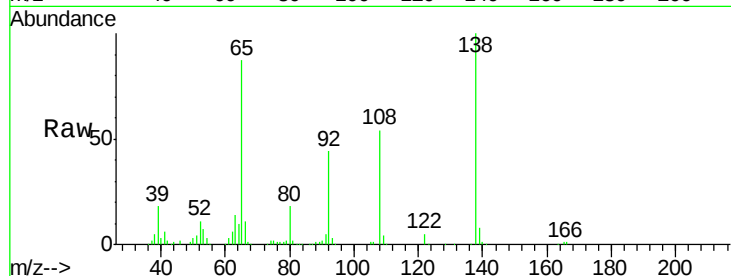




#61
4-Nitroaniline
Concen: 33.28 ng
RT: 15.39 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

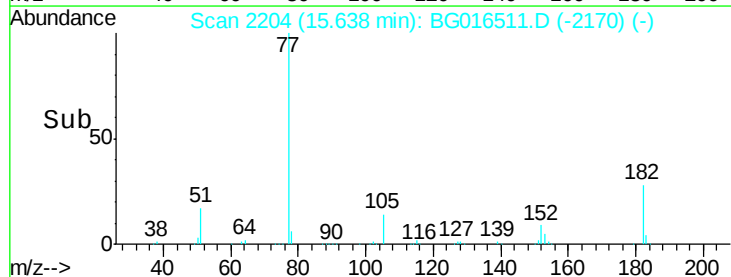
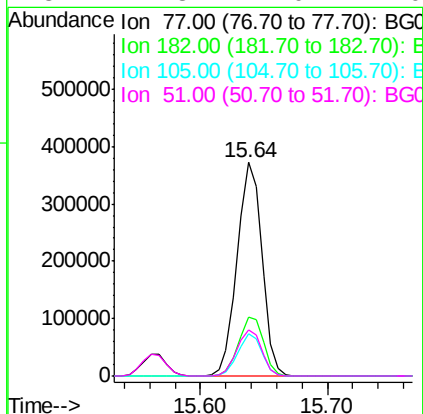
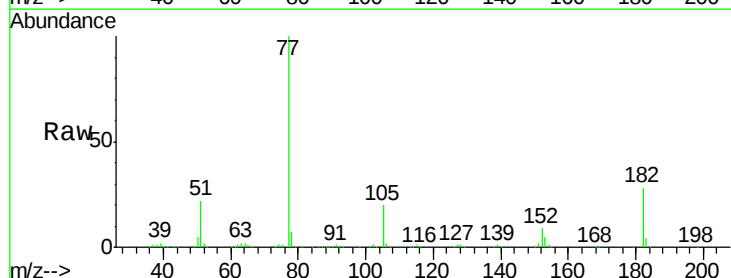
Instrument :
BNA_G
ClientSampleId :
PB82837BS

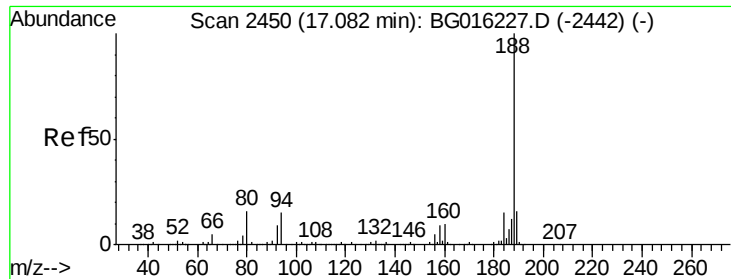
Tgt Ion: 138 Resp: 150208
Ion Ratio Lower Upper
138 100
92 44.0 26.3 66.3
108 53.5 33.6 73.6



#62
Azobenzene
Concen: 34.28 ng
RT: 15.64 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion: 77 Resp: 499986
Ion Ratio Lower Upper
77 100
182 27.5 6.6 46.6
105 19.7 0.0 39.2
51 21.8 2.0 42.0

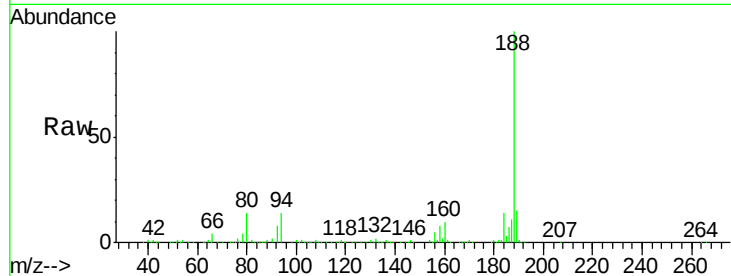




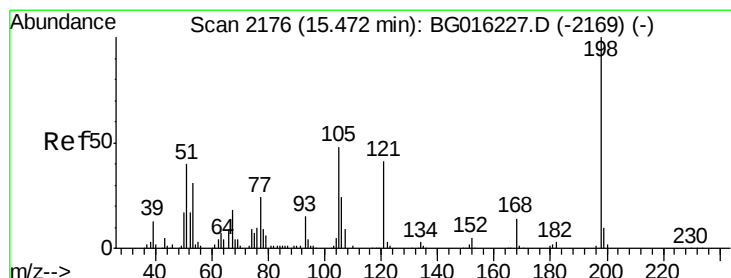
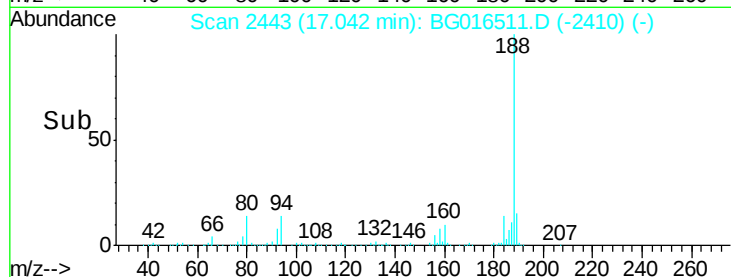
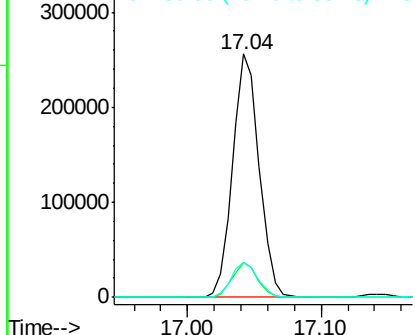
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Tgt Ion:188 Resp: 353556
 Ion Ratio Lower Upper
 188 100
 94 14.1 12.2 18.4
 80 14.3 12.8 19.2

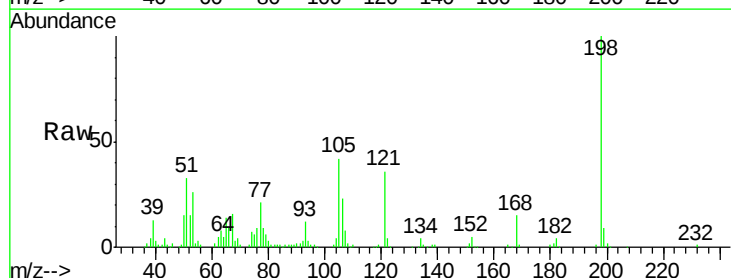


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

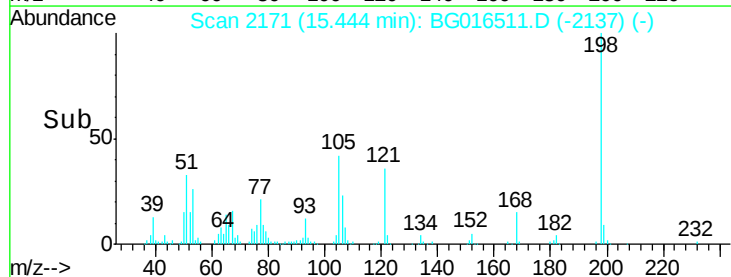
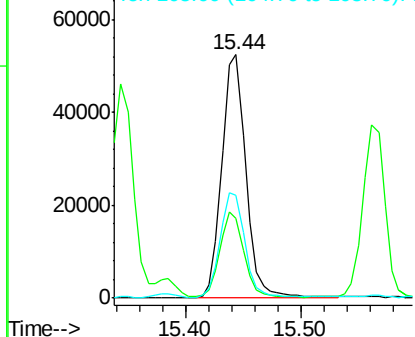


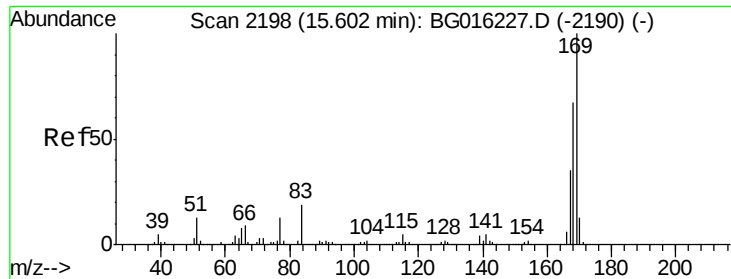
#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.10 ng
 RT: 15.44 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:198 Resp: 76399
 Ion Ratio Lower Upper
 198 100
 51 32.5 20.7 60.7
 105 42.2 28.8 68.8



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

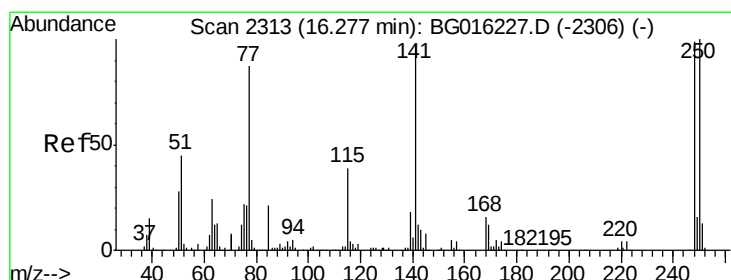
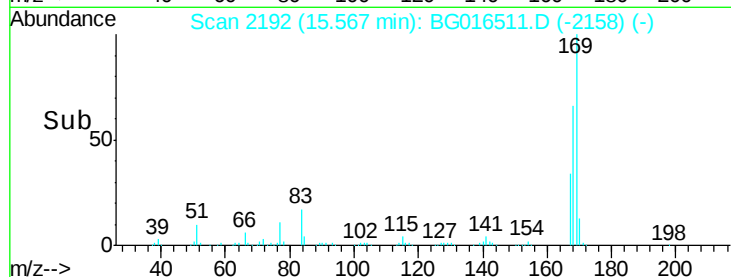
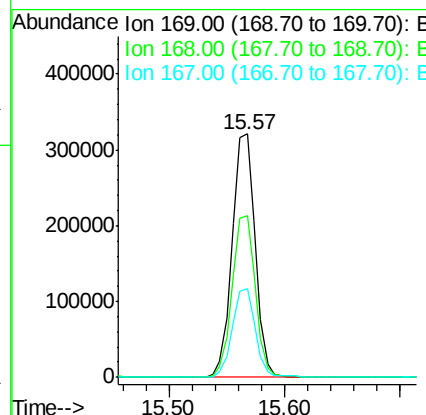
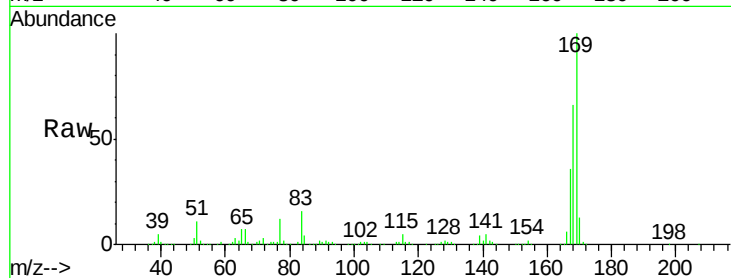




#65
n-Nitrosodiphenylamine
Concen: 37.02 ng
RT: 15.57 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

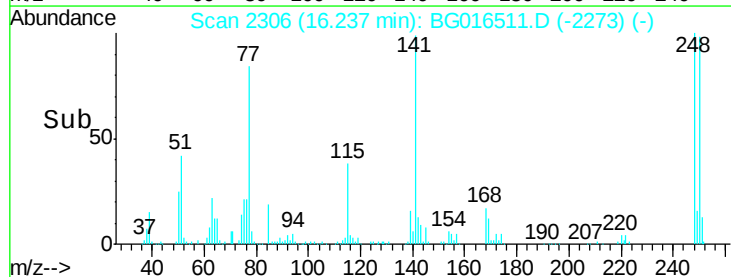
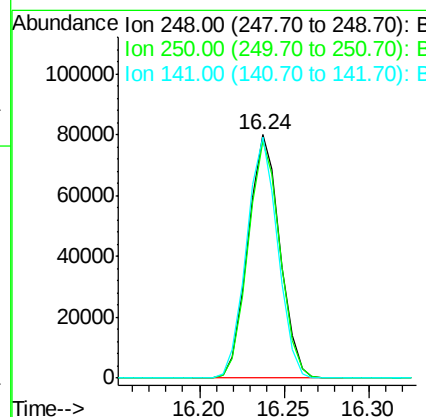
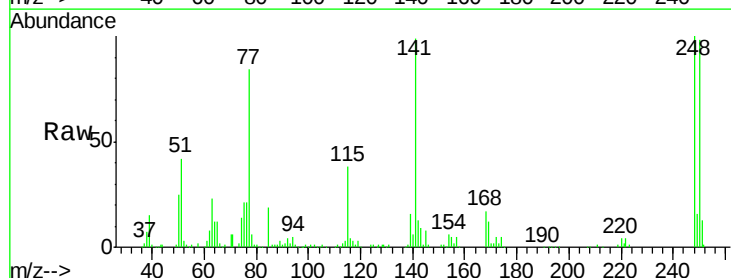
Instrument :
BNA_G
ClientSampleId :
PB82837BS

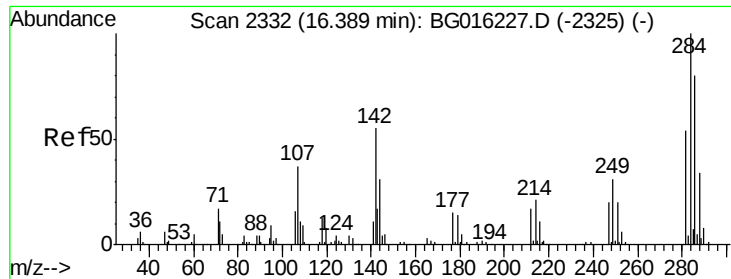
Tgt Ion:169 Resp: 442415
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.2 28.3 42.5



#66
4-Bromophenyl-phenylether
Concen: 37.35 ng
RT: 16.24 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion:248 Resp: 105426
Ion Ratio Lower Upper
248 100
250 97.7 80.5 120.7
141 99.2 78.2 117.4





#67

Hexachlorobenzene

Concen: 37.13 ng

RT: 16.35 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

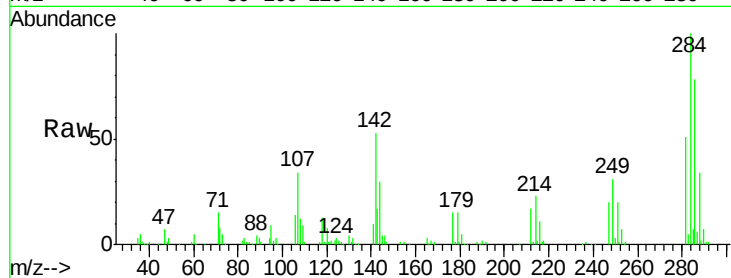
Tgt Ion:284 Resp: 108950

Ion Ratio Lower Upper

284 100

142 53.0 44.2 66.2

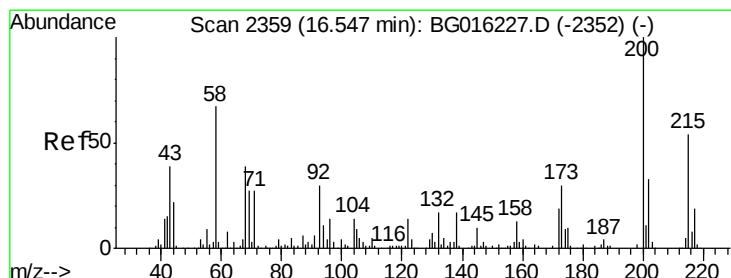
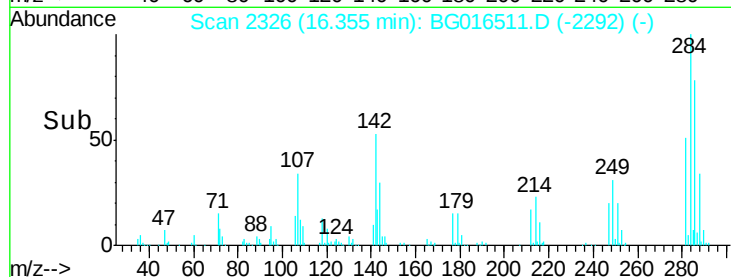
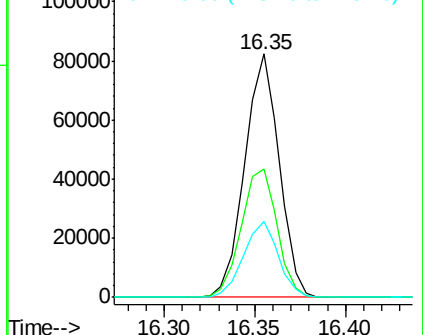
249 31.2 24.8 37.2



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: 40.86 ng

RT: 16.52 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

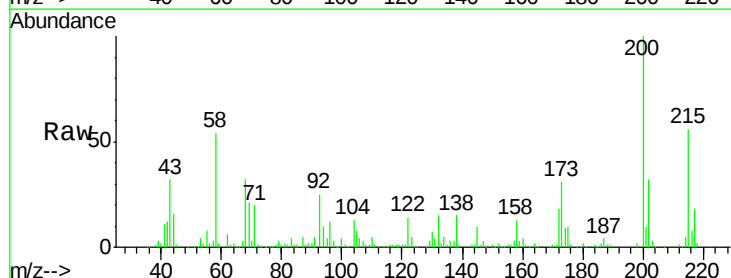
Tgt Ion:200 Resp: 136106

Ion Ratio Lower Upper

200 100

173 31.1 10.2 50.2

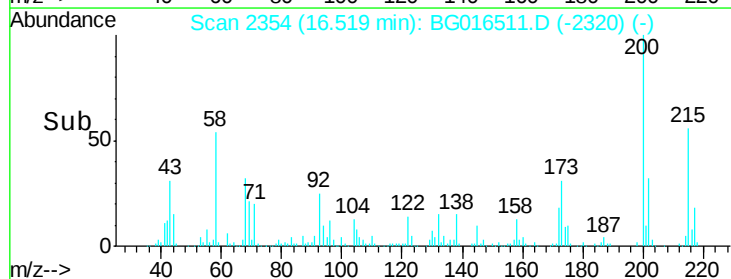
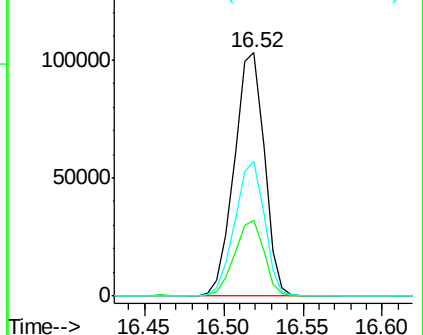
215 55.6 34.4 74.4

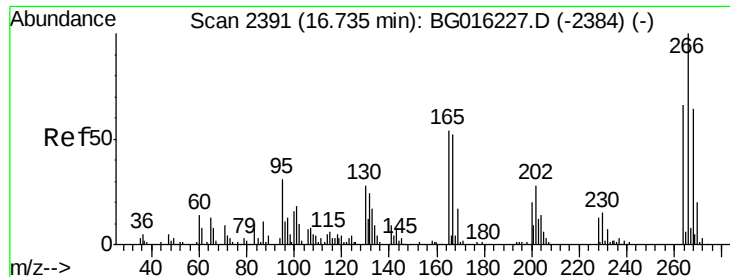


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 56.55 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

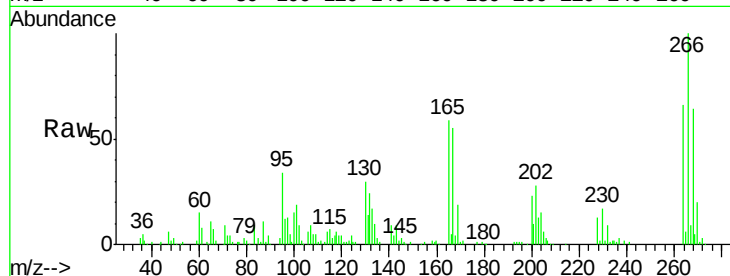
Tgt Ion:266 Resp: 101311

Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

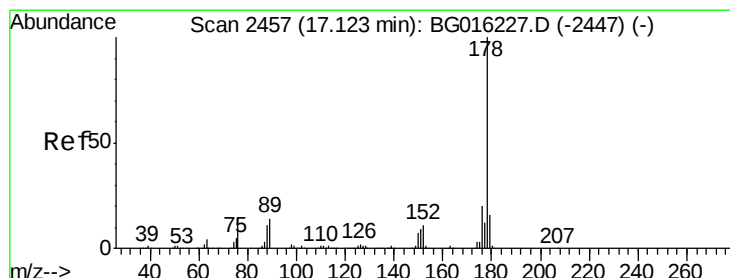
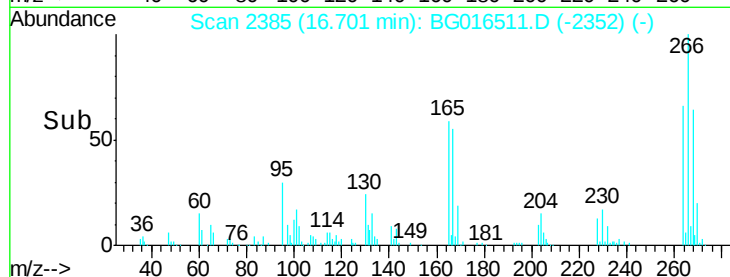
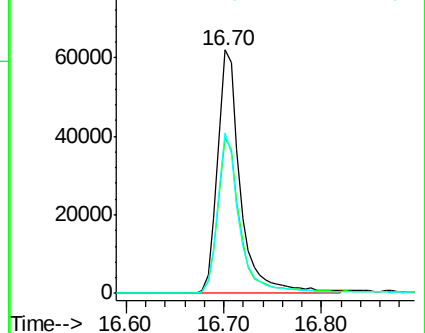
264 65.7 52.8 79.2



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: 37.22 ng

RT: 17.09 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

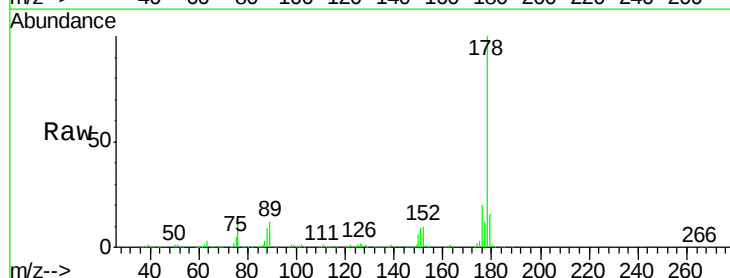
Tgt Ion:178 Resp: 740104

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

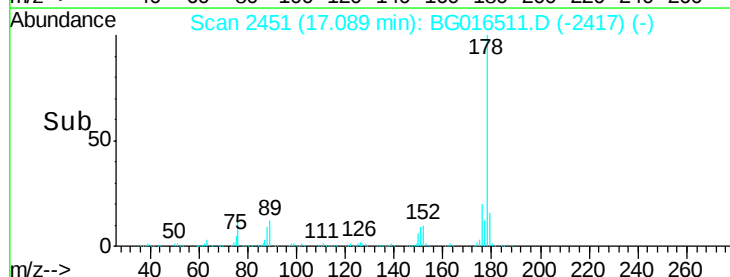
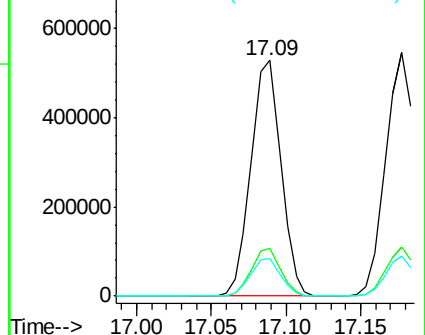
179 15.8 12.7 19.1

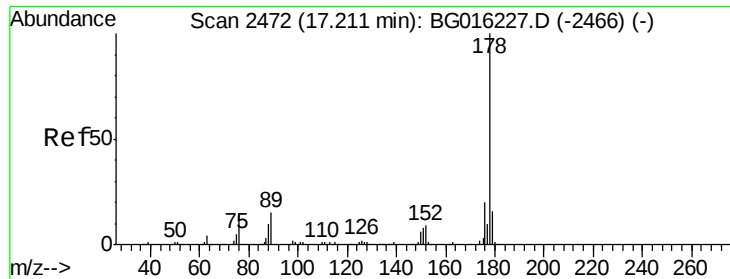


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

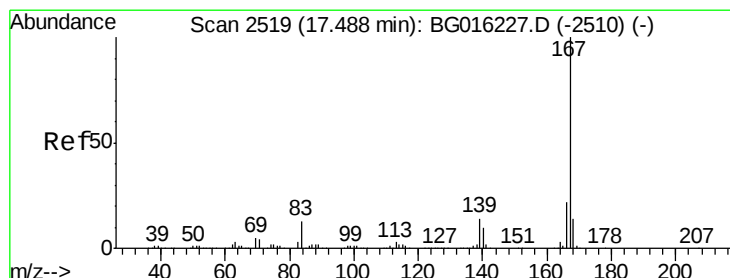
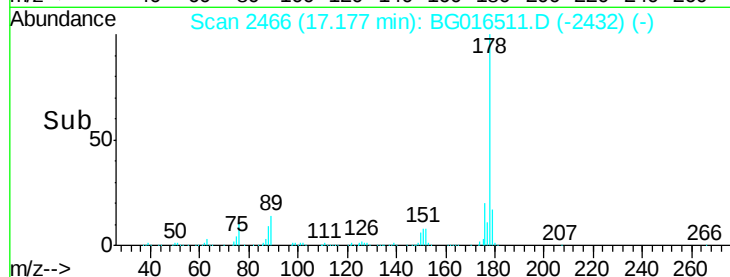
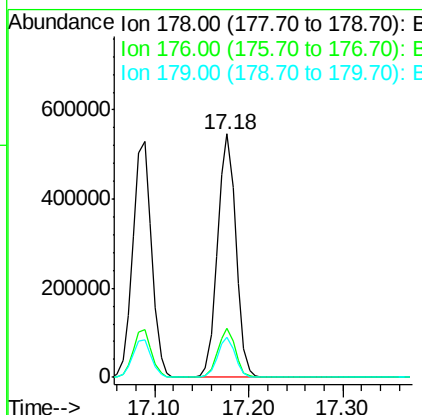
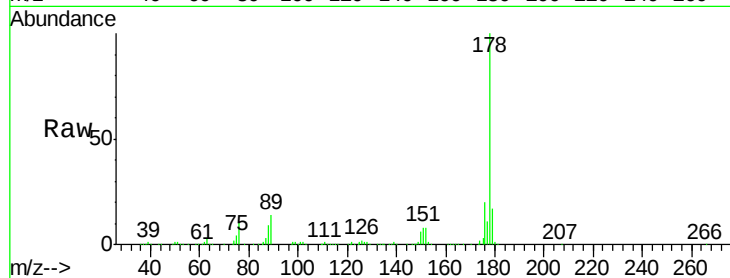




#71
 Anthracene
 Concen: 37.95 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

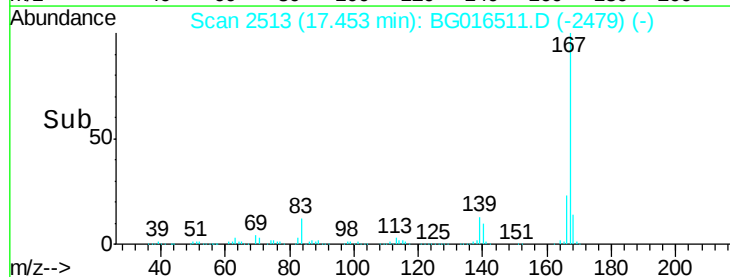
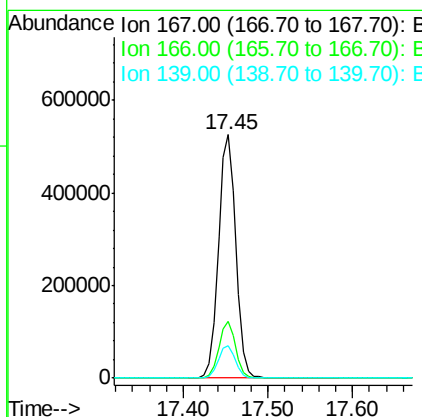
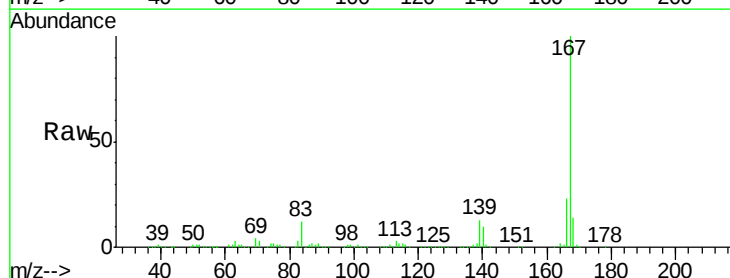
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

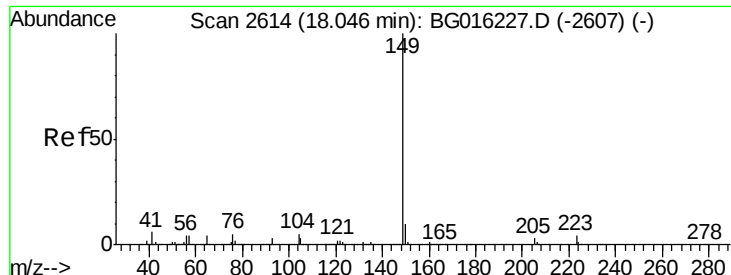
Tgt Ion:178 Resp: 747899
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.6 13.0 19.6



#72
 Carbazole
 Concen: 38.24 ng
 RT: 17.45 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:167 Resp: 756378
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.9 26.9
 139 13.5 11.5 17.3

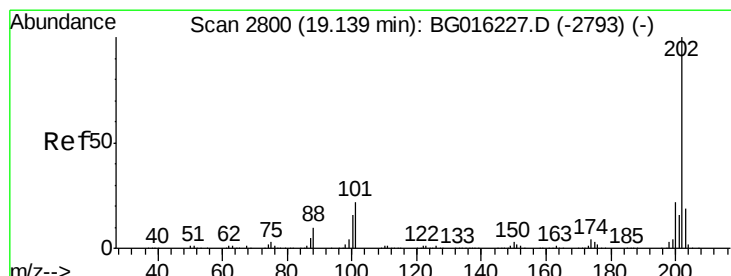
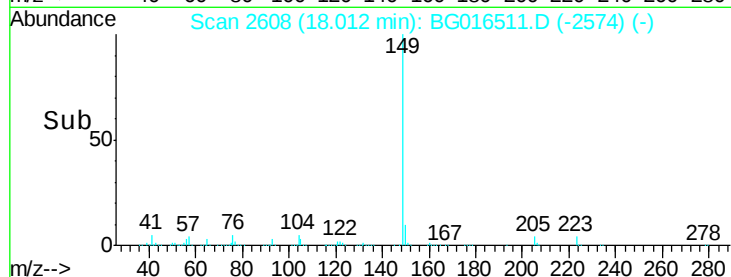
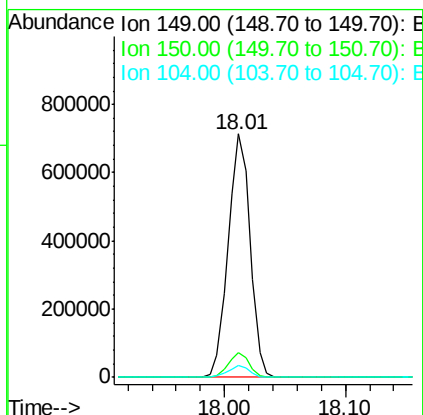
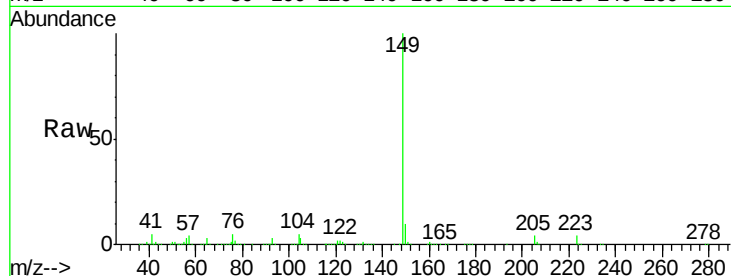




#73
Di-n-butylphthalate
Concen: 37.25 ng
RT: 18.01 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

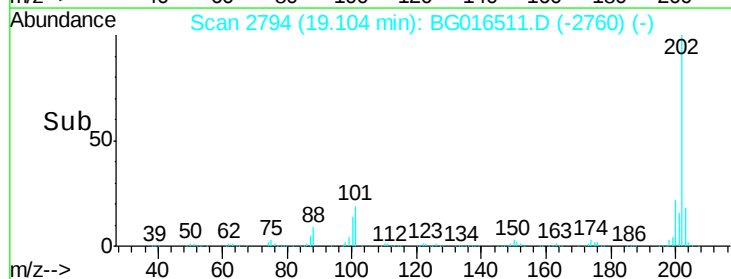
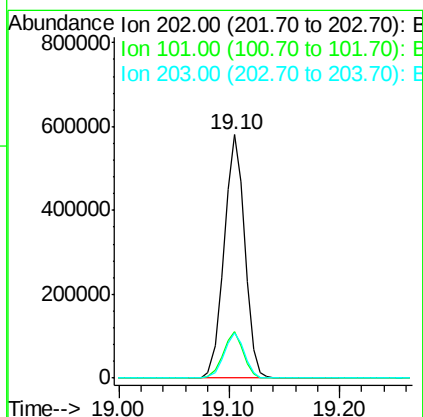
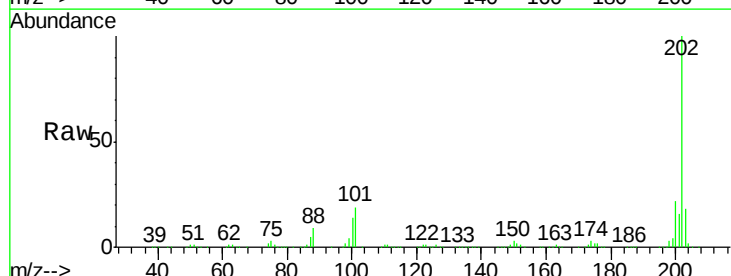
Instrument :
BNA_G
ClientSampleId :
PB82837BS

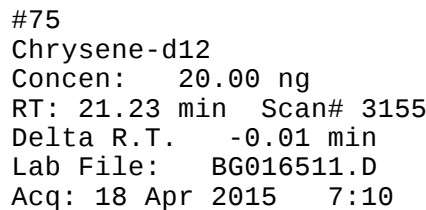
Tgt Ion:149 Resp: 901471
Ion Ratio Lower Upper
149 100
150 10.0 8.2 12.4
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 37.08 ng
RT: 19.10 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

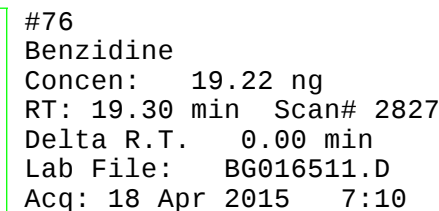
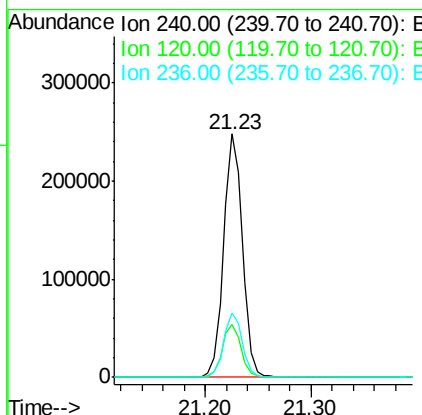
Tgt Ion:202 Resp: 760019
Ion Ratio Lower Upper
202 100
101 19.0 1.7 41.7
203 18.4 0.0 38.7



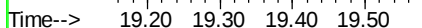
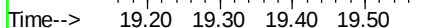
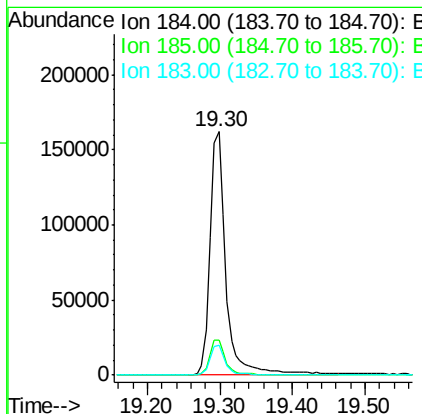


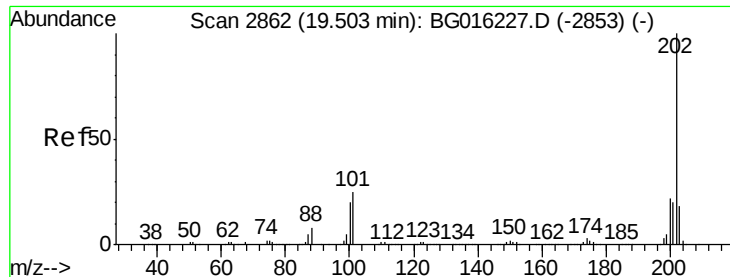
Instrument :
BNA_G
ClientSampleId :
PB82837BS

Tgt	Ion:240	Resp:	306956
Ion	Ratio	Lower	Upper
240	100		
120	21.5	18.6	28.0
236	26.4	21.7	32.5



Tgt	Ion:184	Resp:	250147
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	19.0
183	12.3	10.4	15.6

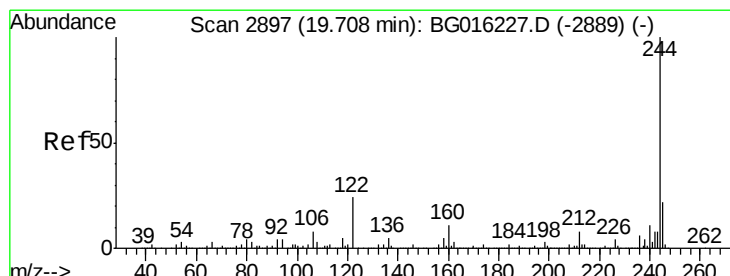
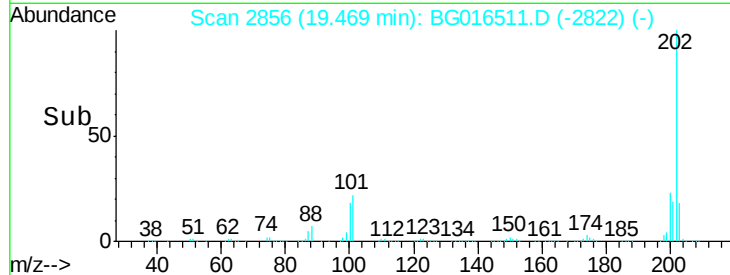
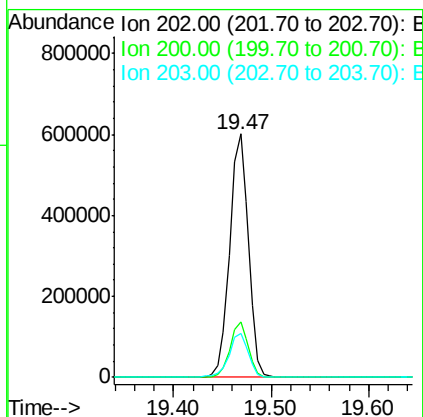
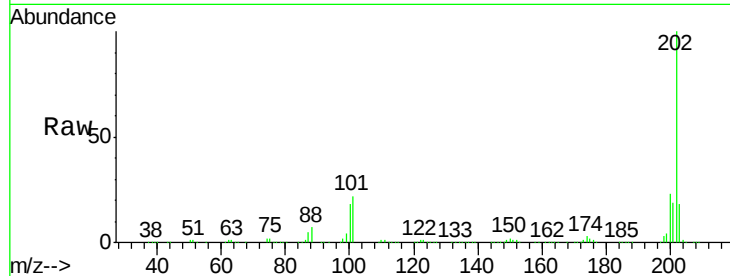




#77
 Pyrene
 Concen: 37.38 ng
 RT: 19.47 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

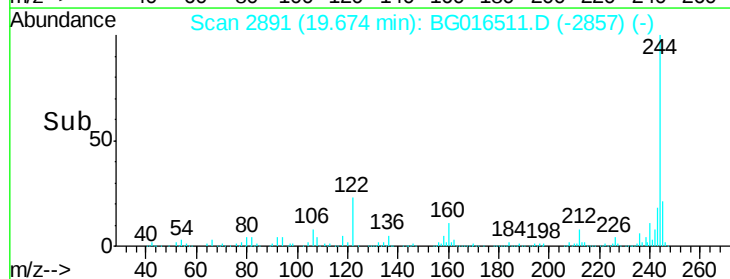
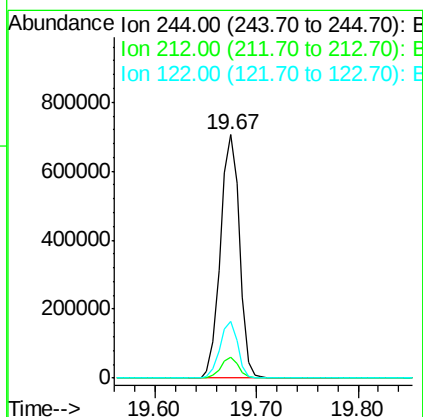
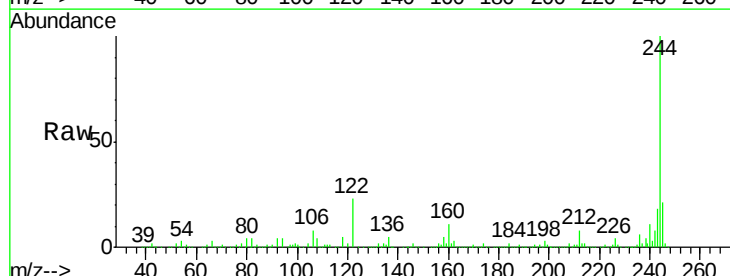
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

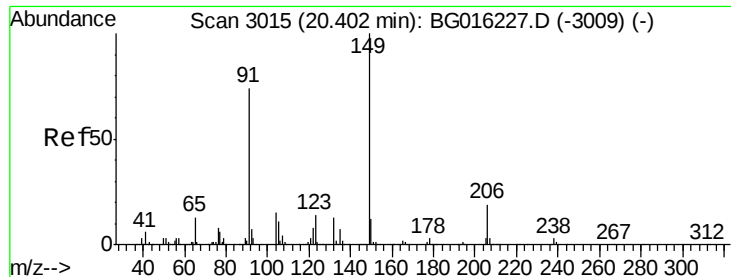
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	18.3	14.7	22.1



#78
 Terphenyl-d14
 Concen: 70.20 ng
 RT: 19.67 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	23.1	19.1	28.7

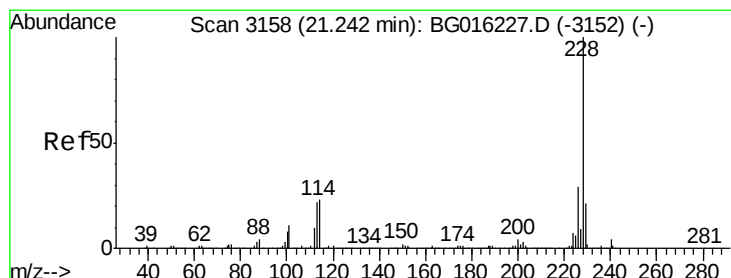
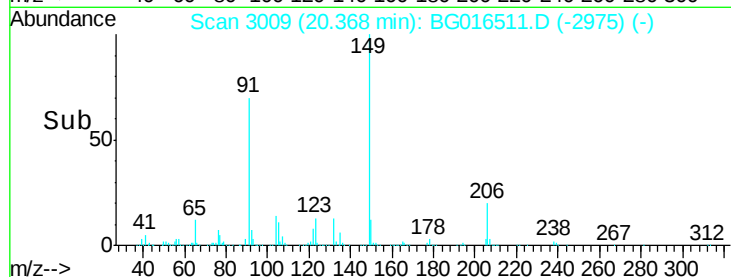
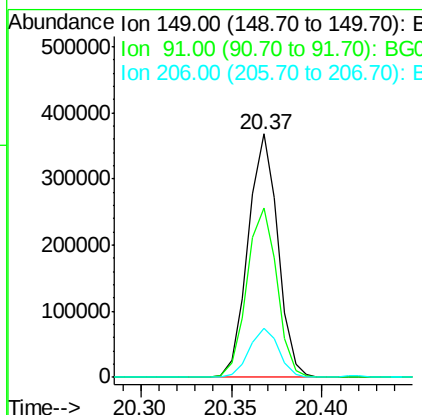
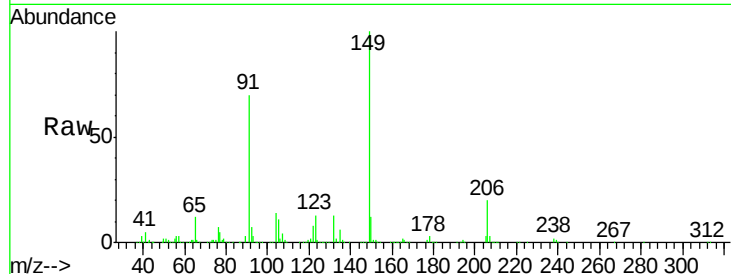




#79
Butylbenzylphthalate
Concen: 39.95 ng
RT: 20.37 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

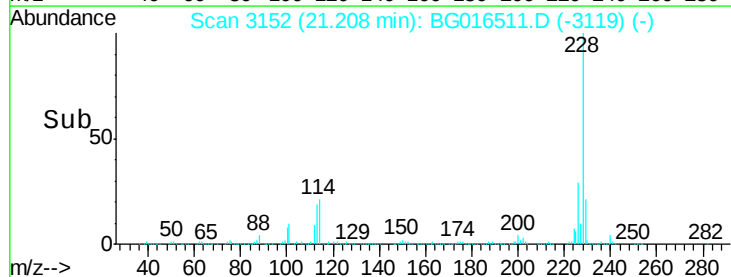
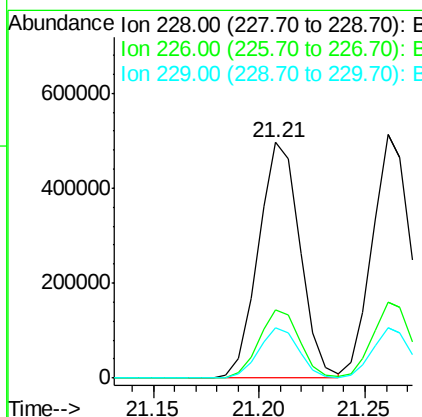
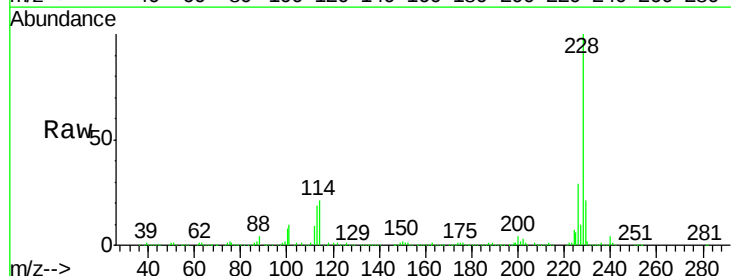
Instrument :
BNA_G
ClientSampleId :
PB82837BS

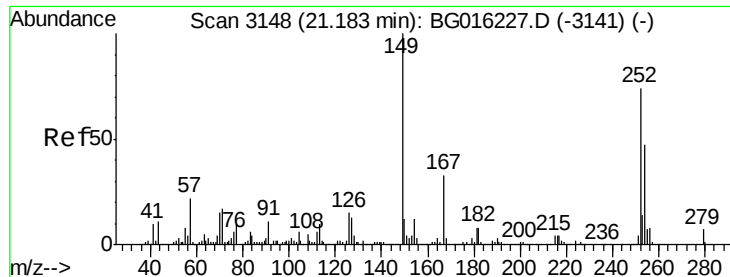
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	59.4	89.2
206	20.0	15.6	23.4



#80
Benzo(a)anthracene
Concen: 37.53 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016511.D
Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.5	35.3
229	21.3	16.8	25.2

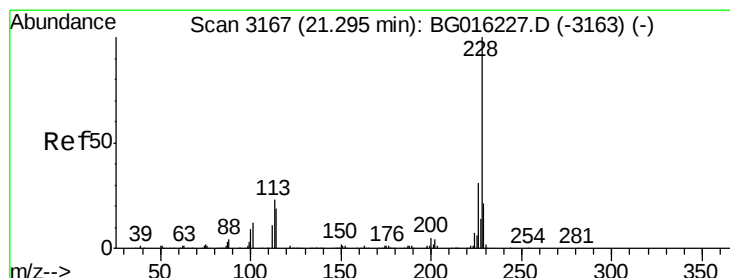
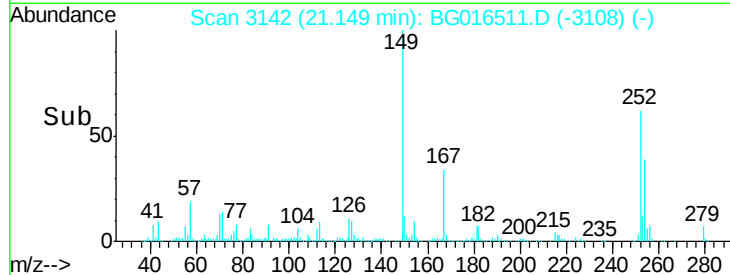
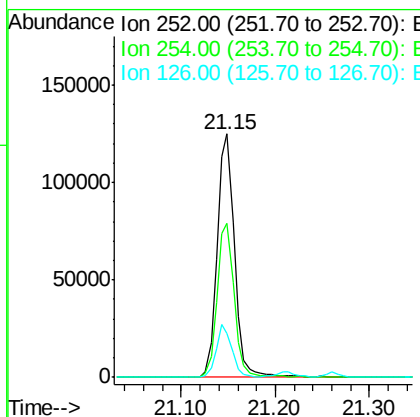
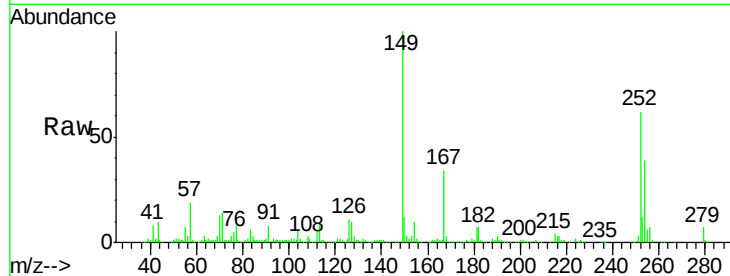




#81
 3,3'-Dichlorobenzidine
 Concen: 27.16 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

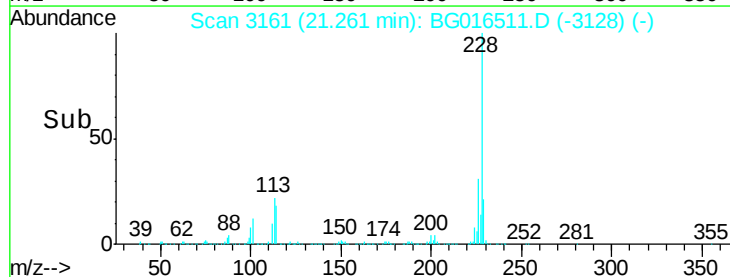
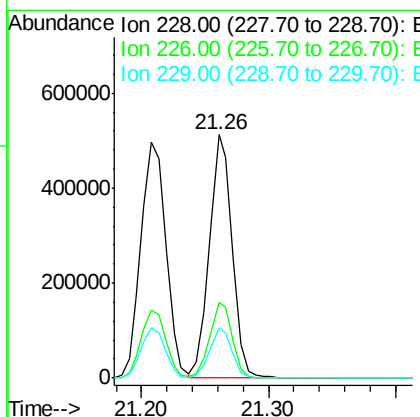
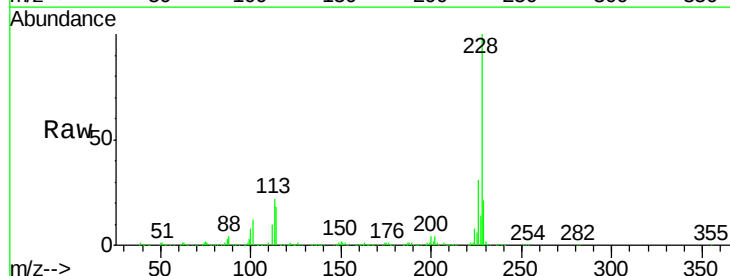
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

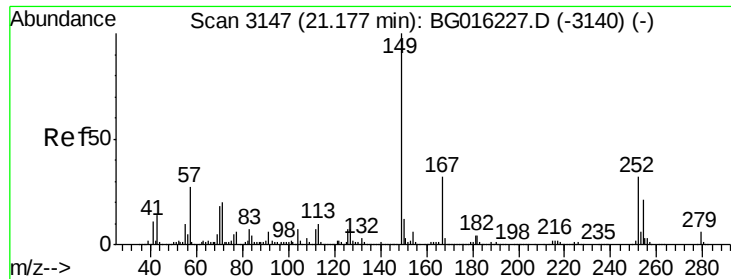
Tgt Ion: 252 Resp: 162016
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.8 76.2
 126 18.2 16.0 24.0



#82
 Chrysene
 Concen: 36.89 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion: 228 Resp: 646176
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.4
 229 20.7 17.0 25.4

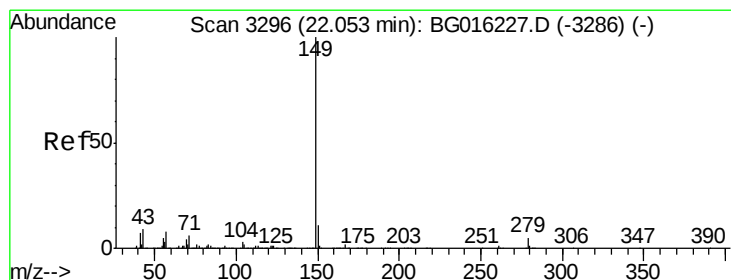
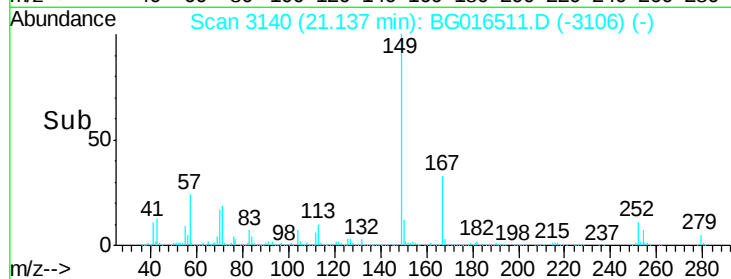
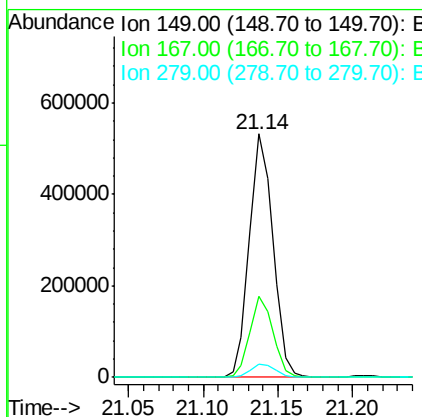
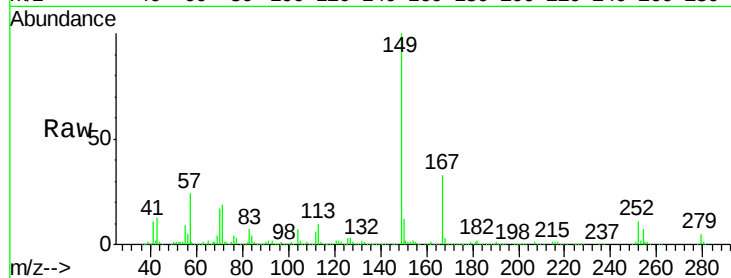




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.97 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

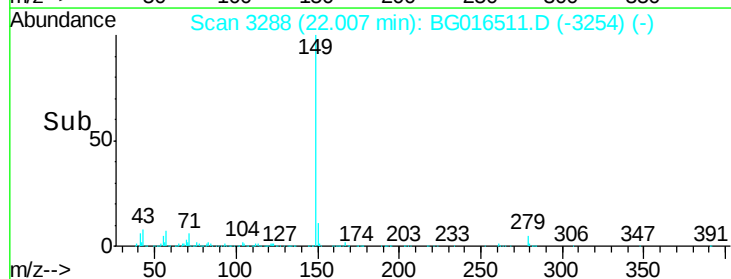
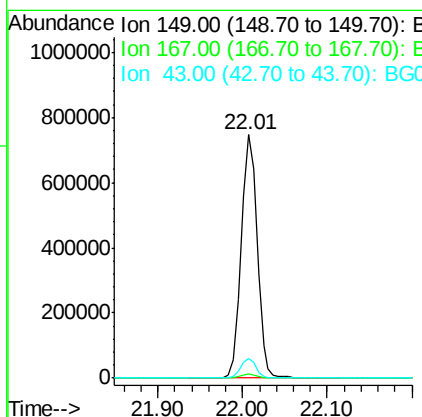
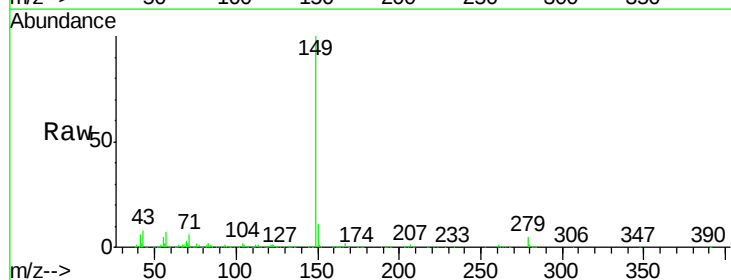
Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

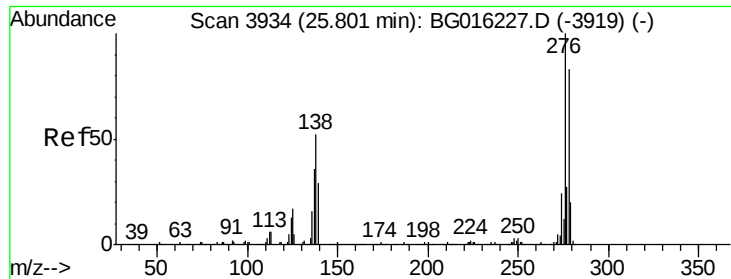
Tgt Ion:149 Resp: 582420
 Ion Ratio Lower Upper
 149 100
 167 33.1 25.8 38.6
 279 5.4 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 41.61 ng
 RT: 22.01 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion:149 Resp: 963653
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 7.7 7.0 10.4

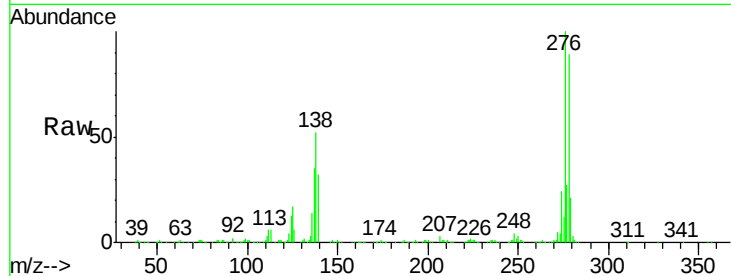




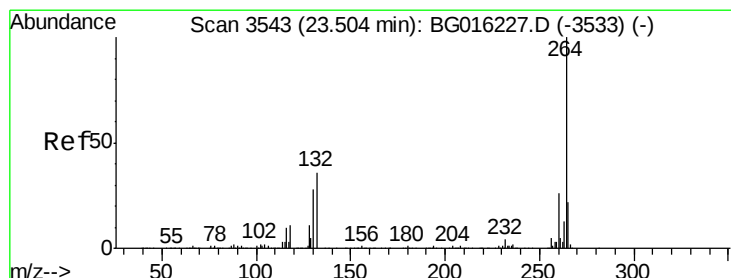
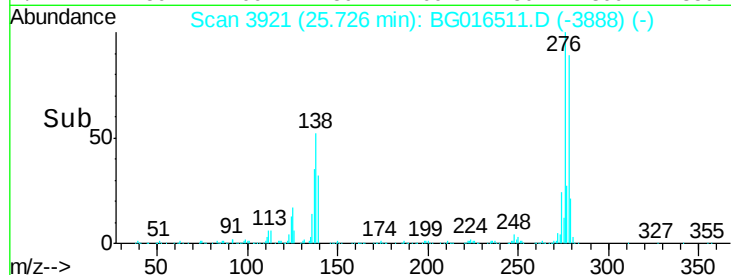
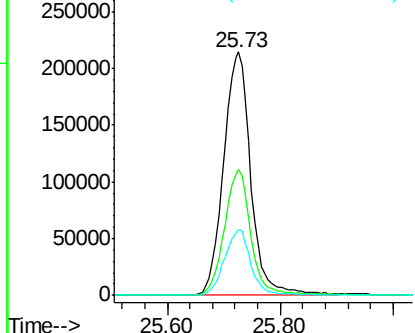
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.57 ng
 RT: 25.73 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.3	41.5	62.3
277	26.2	21.0	31.6

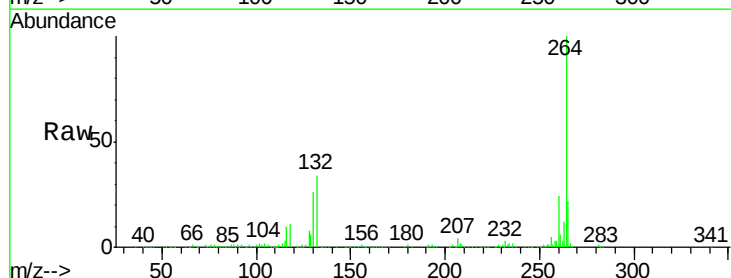


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

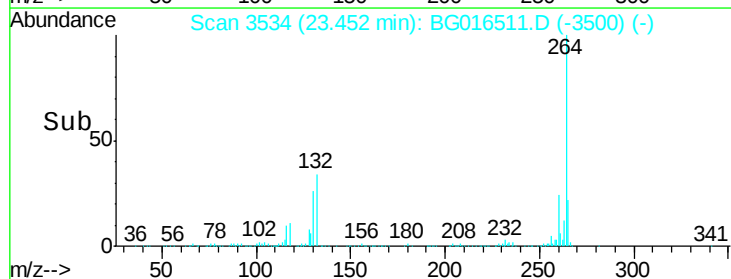
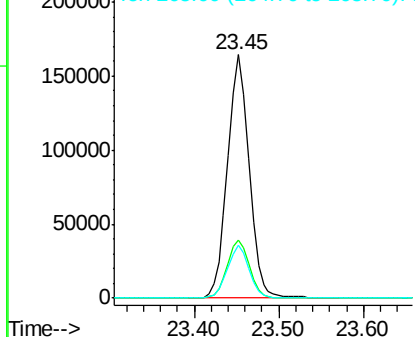


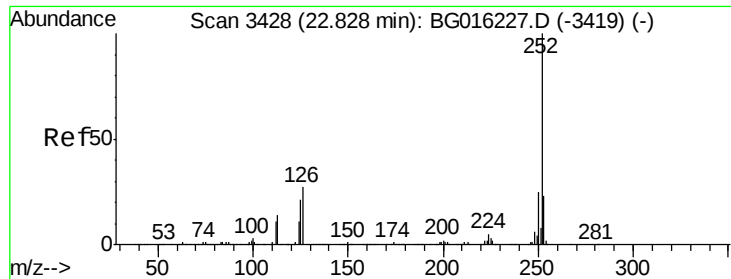
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: BG016511.D
 Acq: 18 Apr 2015 7:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	21.5	17.2	25.8



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: 39.10 ng

RT: 22.78 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

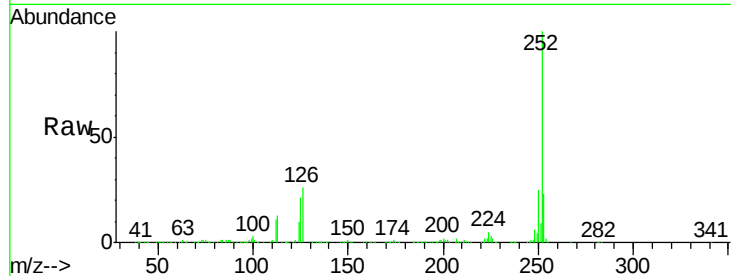
Tgt Ion:252 Resp: 665362

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

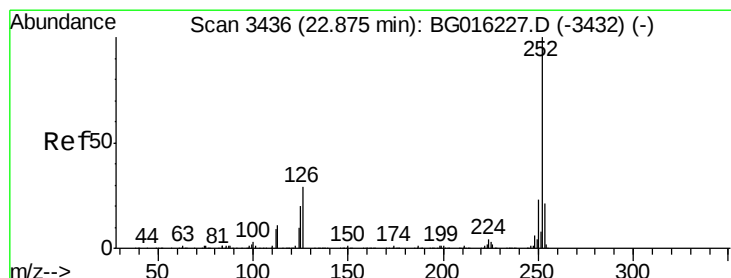
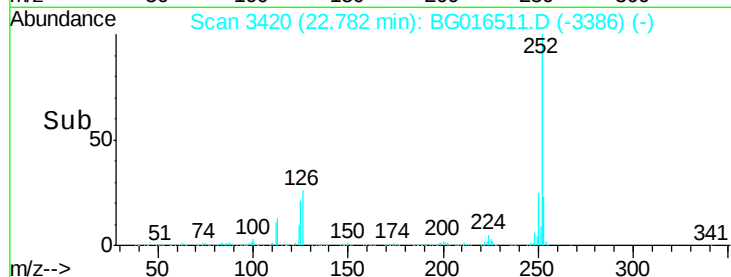
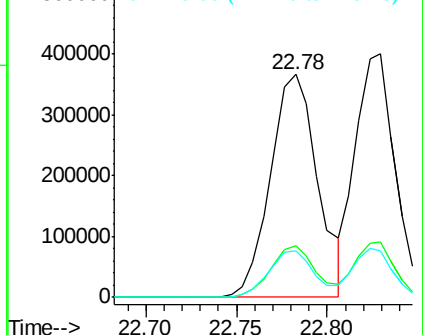
125 21.0 17.0 25.6



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



#88

Benzo(k)fluoranthene

Concen: 37.06 ng

RT: 22.83 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

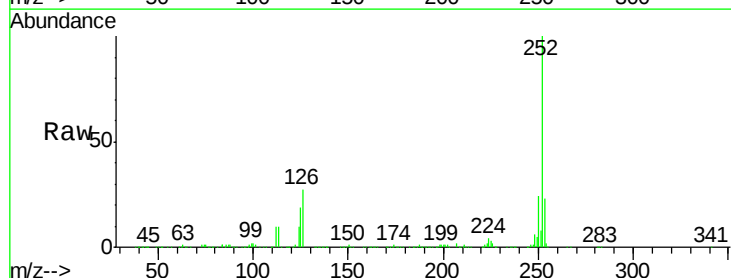
Tgt Ion:252 Resp: 617112

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

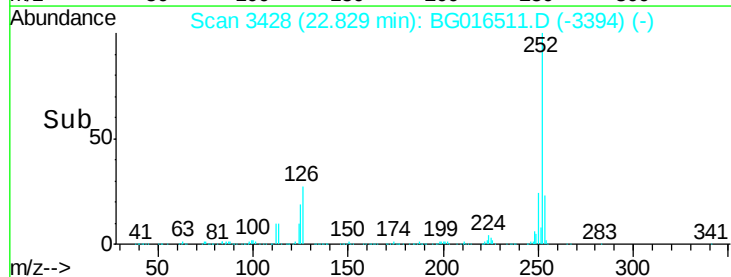
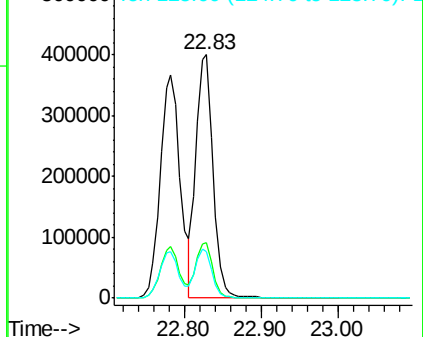
125 19.0 16.3 24.5

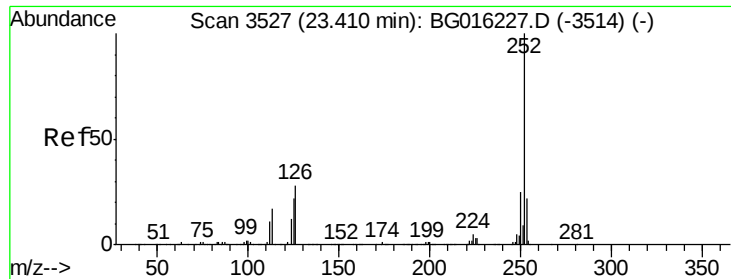


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.40 ng

RT: 23.36 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

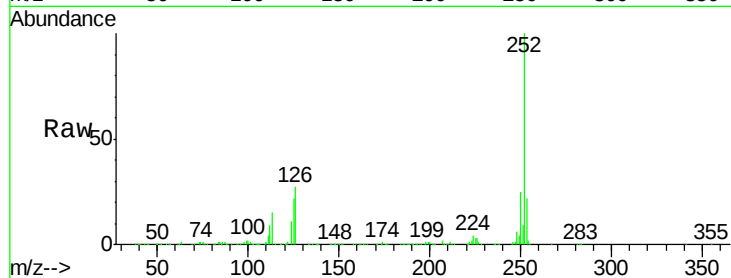
Tgt Ion:252 Resp: 628354

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

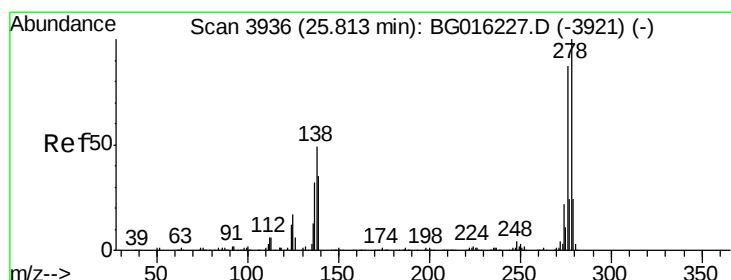
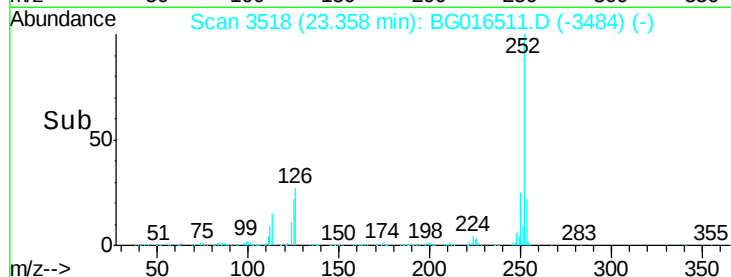
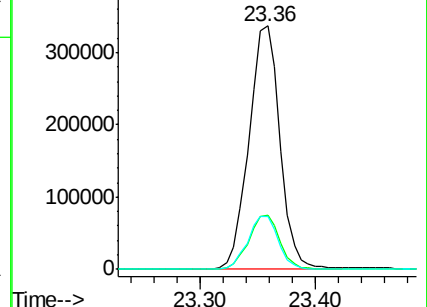
125 21.8 17.6 26.4



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: 38.52 ng

RT: 25.73 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

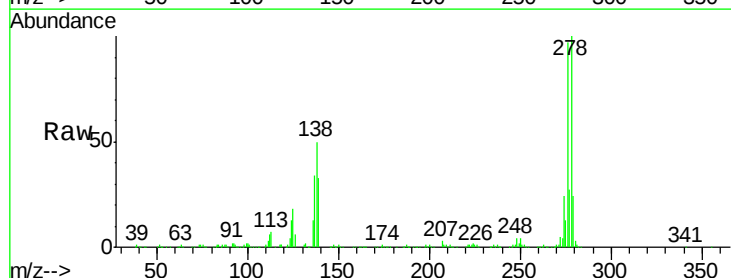
Tgt Ion:278 Resp: 597842

Ion Ratio Lower Upper

278 100

139 33.1 27.9 41.9

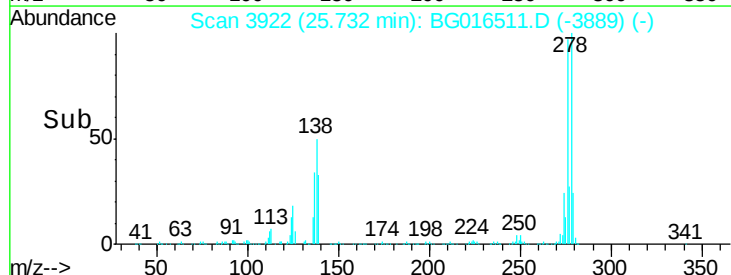
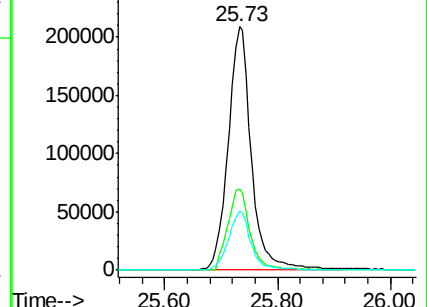
279 24.4 19.5 29.3

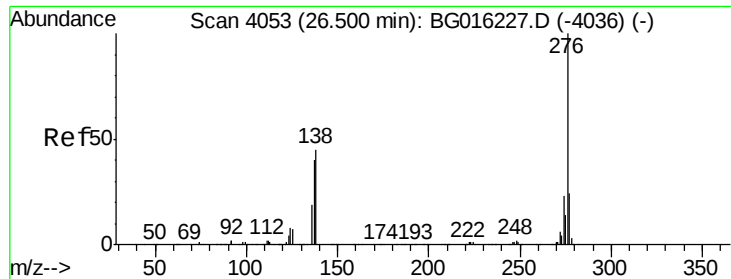


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.33 ng

RT: 26.42 min Scan# 4039

Delta R.T. -0.01 min

Lab File: BG016511.D

Acq: 18 Apr 2015 7:10

Instrument :

BNA_G

ClientSampleId :

PB82837BS

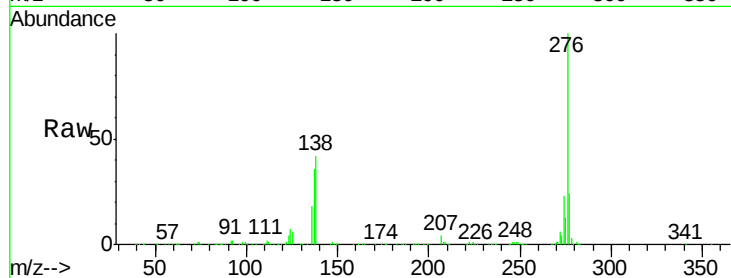
Tgt Ion: 276 Resp: 609698

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 41.8 35.7 53.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

