

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016514.D
 Acq On : 18 Apr 2015 8:54
 Operator : TP/IZ
 Sample : G1868-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Quant Time: Apr 20 03:26:57 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	71574	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	308438	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	179508	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	376526	20.00	ng	0.00
75) Chrysene-d12	21.22	240	328344	20.00	ng	0.00
86) Perylene-d12	23.45	264	313767	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	340579	75.10	ng	0.00
7) Phenol-d6	6.84	99	478086	70.22	ng	0.00
23) Nitrobenzene-d5	8.81	82	246453	46.29	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	96303	79.33	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	526325	49.92	ng	0.00
78) Terphenyl-d14	19.67	244	654138	46.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	37763	18.32	ng	98
3) Pyridine	3.53	79	100898	16.38	ng	94
4) n-Nitrosodimethylamine	3.45	42	36571	19.97	ng	94
6) Aniline	6.99	93	78835	8.11	ng	95
8) 2-Chlorophenol	7.23	128	131029	24.06	ng	94
9) Benzaldehyde	6.80	77	23620	5.92	ng	87
10) Phenol	6.87	94	167405	22.98	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	121579	20.93	ng	97
12) 1,3-Dichlorobenzene	7.54	146	123244	22.41	ng	98
13) 1,4-Dichlorobenzene	7.69	146	127099	22.28	ng	95
14) 1,2-Dichlorobenzene	8.01	146	122425	22.44	ng	97
15) Benzyl Alcohol	7.90	79	95004	20.02	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	123553	18.89	ng	95
17) 2-Methylphenol	8.11	107	110886	22.70	ng	94
18) Hexachloroethane	8.72	117	45346	20.78	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	88016	18.04	ng	97
20) 3+4-Methylphenols	8.44	107	149009	22.02	ng	95
22) Acetophenone	8.48	105	169505	23.70	ng	98
24) Nitrobenzene	8.85	77	125849	22.10	ng	96
25) Isophorone	9.37	82	239753	20.28	ng	99
26) 2-Nitrophenol	9.57	139	71597	26.97	ng	97
27) 2,4-Dimethylphenol	9.64	122	129518	26.19	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	147913	21.92	ng	98
29) 2,4-Dichlorophenol	10.10	162	107976	27.59	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	102139	25.00	ng	99
31) Naphthalene	10.49	128	382002	23.77	ng	99
33) 4-Chloroaniline	10.61	127	75865	10.06	ng	96
34) Hexachlorobutadiene	10.78	225	44262	24.66	ng	98
35) Caprolactam	11.36	113	55520	22.54	ng	91
36) 4-Chloro-3-methylphenol	11.75	107	128071	24.77	ng	93
37) 2-Methylnaphthalene	12.11	142	274889	23.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	96845	24.50	ng	98
40) Hexachlorocyclopentadiene	12.46	237	67609	37.37	ng	97
42) 2,4,6-Trichlorophenol	12.73	196	72813	24.79	ng	95

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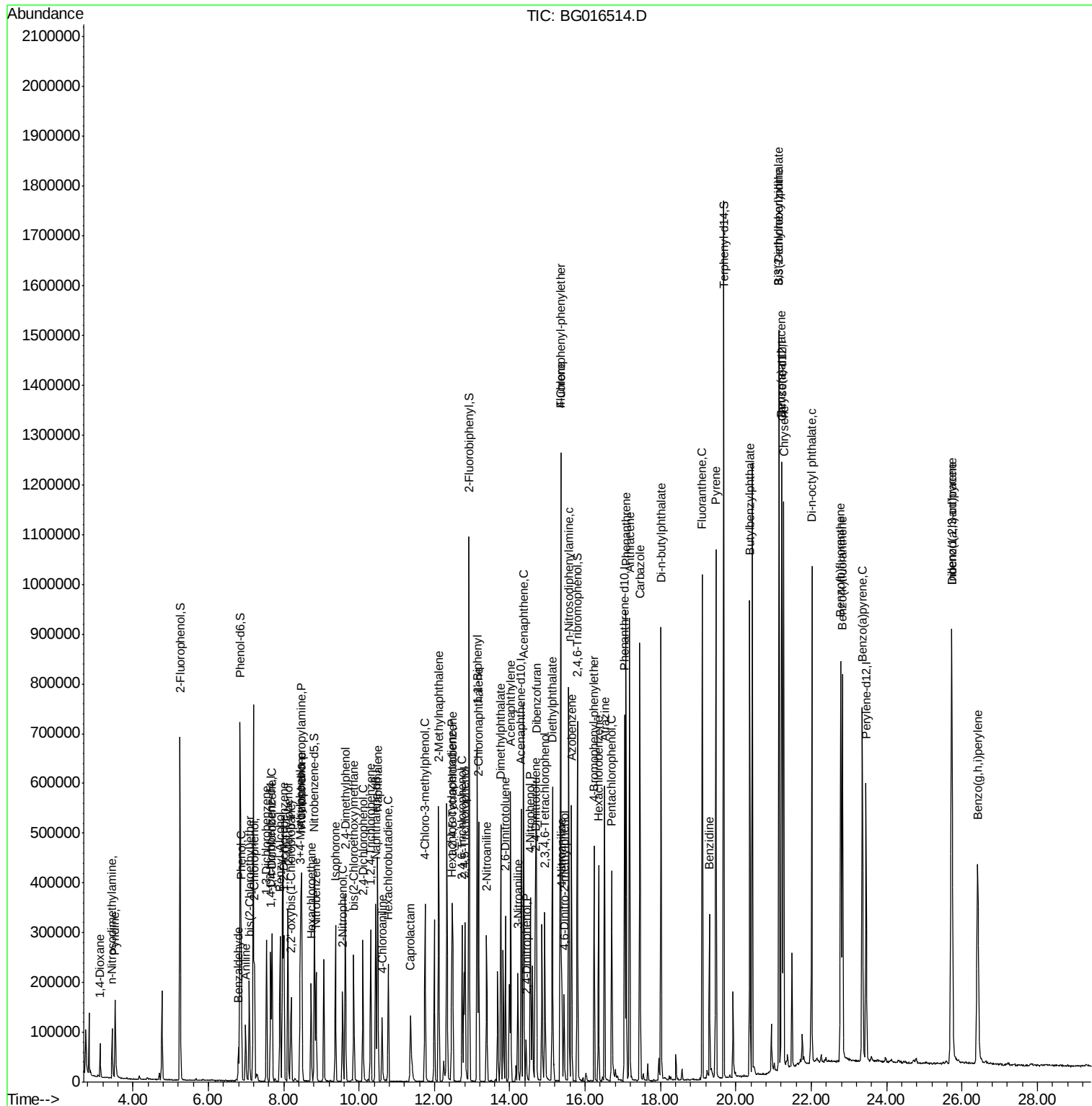
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.81	196	82096	26.16	ng	95
45) 1,1'-Biphenyl	13.13	154	331858	24.10	ng	98
46) 2-Chloronaphthalene	13.17	162	252243	24.05	ng	99
47) 2-Nitroaniline	13.38	65	78025	23.08	ng	92
48) Acenaphthylene	14.02	152	437796	23.47	ng	99
49) Dimethylphthalate	13.77	163	337140	25.63	ng	99
50) 2,6-Dinitrotoluene	13.88	165	77501	24.36	ng	92
51) Acenaphthene	14.37	154	262179	23.52	ng	99
52) 3-Nitroaniline	14.21	138	63391	15.60	ng	91
53) 2,4-Dinitrophenol	14.43	184	23954	19.93	ng	97
54) Dibenzofuran	14.70	168	385235	24.91	ng	97
55) 4-Nitrophenol	14.54	139	143229	42.65	ng	97
56) 2,4-Dinitrotoluene	14.68	165	109631	25.30	ng	88
57) Fluorene	15.35	166	335002	24.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	61611	25.44	ng	93
59) Diethylphthalate	15.13	149	323535	23.10	ng	99
60) 4-Chlorophenyl-phenylether	15.35	204	134156	24.03	ng	95
61) 4-Nitroaniline	15.38	138	100927	21.88	ng	97
62) Azobenzene	15.63	77	336549	22.58	ng	100
64) 4,6-Dinitro-2-methylphenol	15.44	198	43473	18.96	ng	90
65) n-Nitrosodiphenylamine	15.56	169	301253	23.67	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	72318	24.06	ng	97
67) Hexachlorobenzene	16.36	284	73976	23.68	ng	94
68) Atrazine	16.52	200	94078	26.52	ng	98
69) Pentachlorophenol	16.70	266	70886	37.15	ng	95
70) Phenanthrene	17.09	178	512918	24.22	ng	99
71) Anthracene	17.17	178	522059	24.87	ng	99
72) Carbazole	17.45	167	541354	25.70	ng	98
73) Di-n-butylphthalate	18.01	149	640603	24.85	ng	98
74) Fluoranthene	19.10	202	540667	24.77	ng	96
76) Benzidine	19.29	184	186590	13.40	ng	97
77) Pyrene	19.47	202	563054	24.63	ng	99
79) Butylbenzylphthalate	20.36	149	292385	26.03	ng	98
80) Benzo(a)anthracene	21.21	228	480729	24.77	ng	98
81) 3,3'-Dichlorobenzidine	21.15	252	85751	13.44	ng	97
82) Chrysene	21.26	228	463538	24.74	ng	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	403824	26.56	ng	99
84) Di-n-octyl phthalate	22.01	149	684214	27.62	ng	97
85) Indeno(1,2,3-cd)pyrene	25.72	276	493567	25.36	ng	98
87) Benzo(b)fluoranthene	22.78	252	455740	24.80	ng	96
88) Benzo(k)fluoranthene	22.83	252	432873	24.07	ng	98
89) Benzo(a)pyrene	23.35	252	435778	25.30	ng	98
90) Dibenzo(a,h)anthracene	25.73	278	412432	24.61	ng	97
91) Benzo(g,h,i)perylene	26.41	276	414349	24.75	ng	96

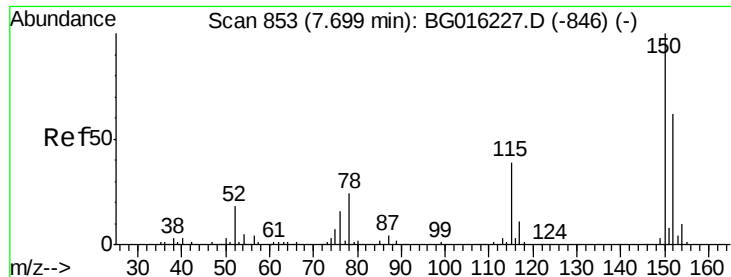
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

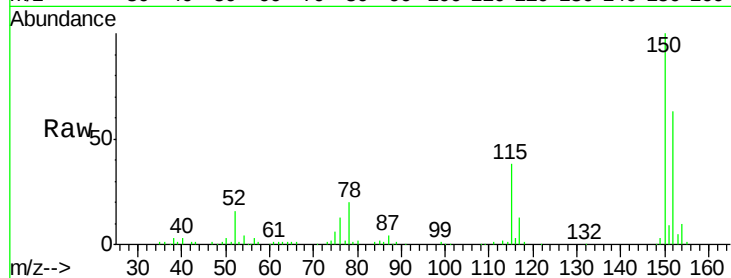
Tgt Ion:152 Resp: 71574

Ion Ratio Lower Upper

152 100

150 158.7 130.1 195.1

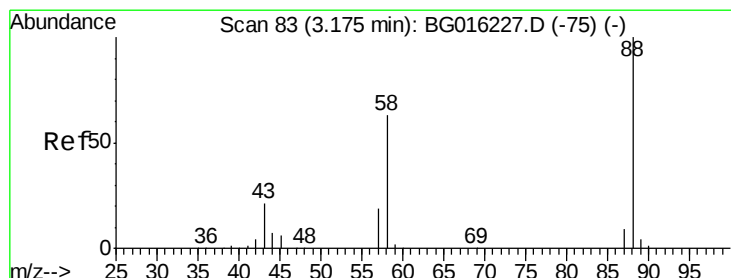
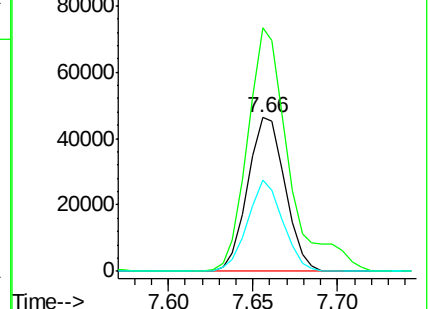
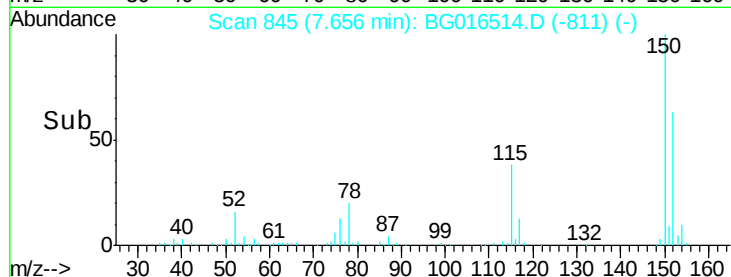
115 59.9 50.5 75.7



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: 18.32 ng

RT: 3.13 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

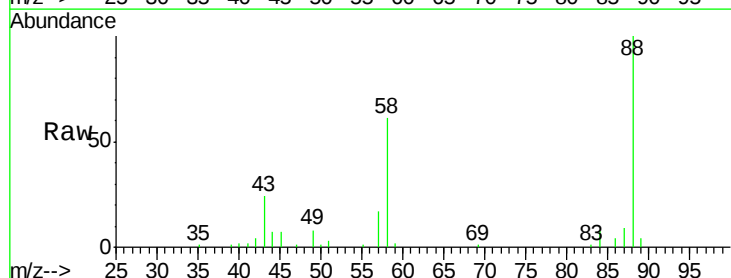
Tgt Ion: 88 Resp: 37763

Ion Ratio Lower Upper

88 100

58 65.2 50.6 76.0

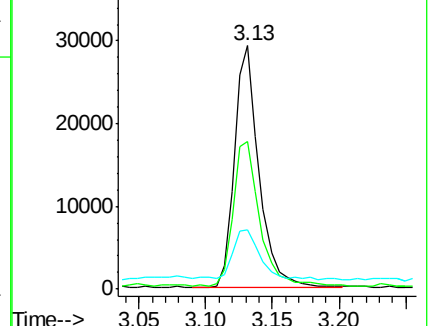
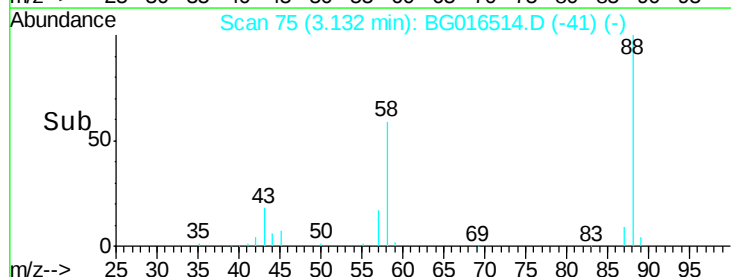
43 22.1 17.0 25.4

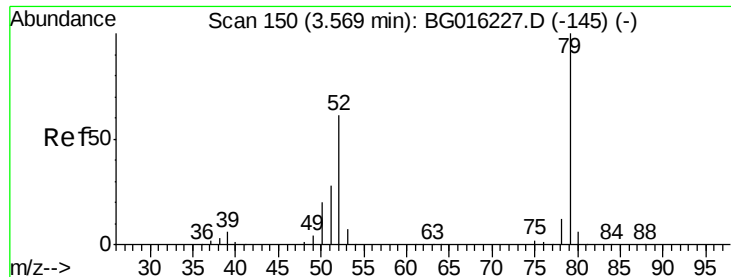


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 16.38 ng

RT: 3.53 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

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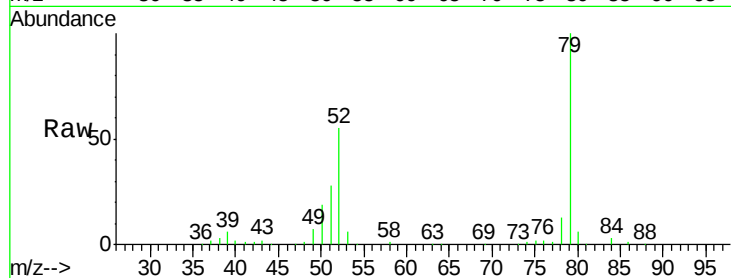
Tgt Ion: 79 Resp: 100898

Ion Ratio Lower Upper

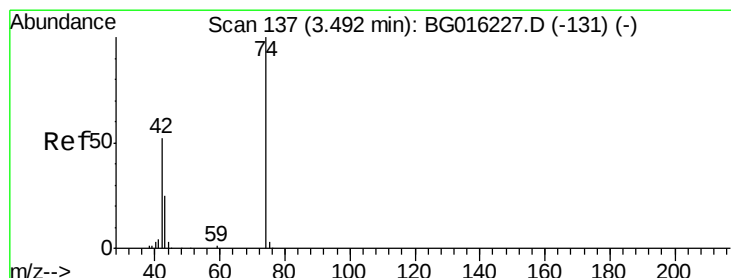
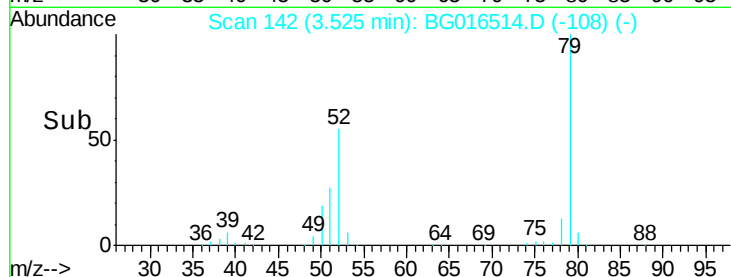
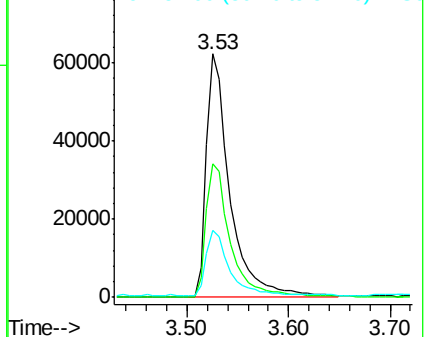
79 100

52 54.8 49.0 73.4

51 27.7 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: 19.97 ng

RT: 3.45 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

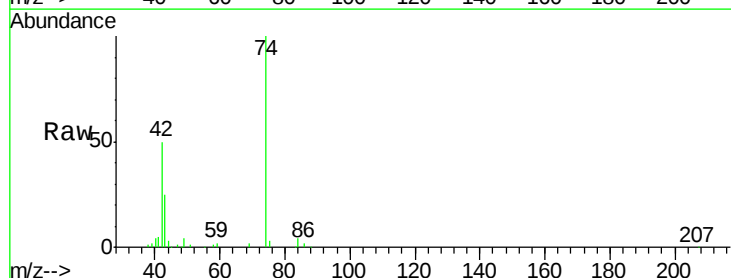
Tgt Ion: 42 Resp: 36571

Ion Ratio Lower Upper

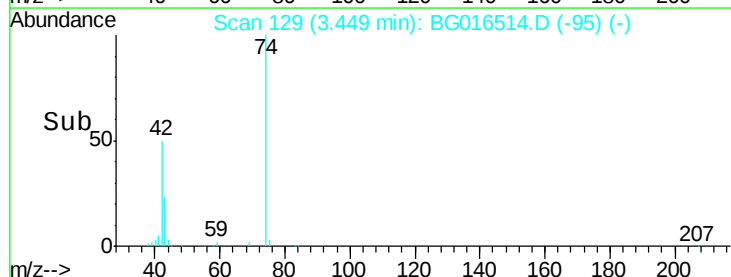
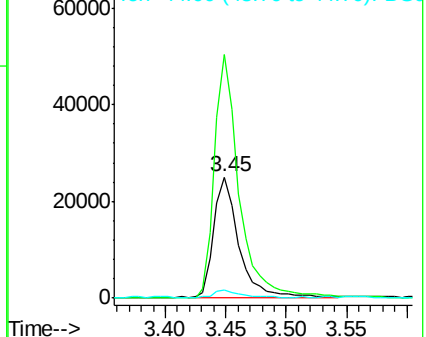
42 100

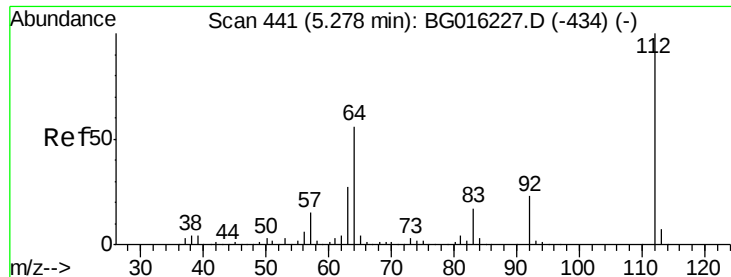
74 201.4 153.7 230.5

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: 75.10 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

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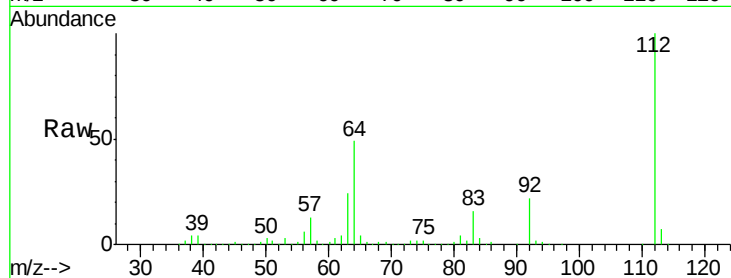
Tgt Ion: 112 Resp: 340579

Ion Ratio Lower Upper

112 100

64 49.4 44.5 66.7

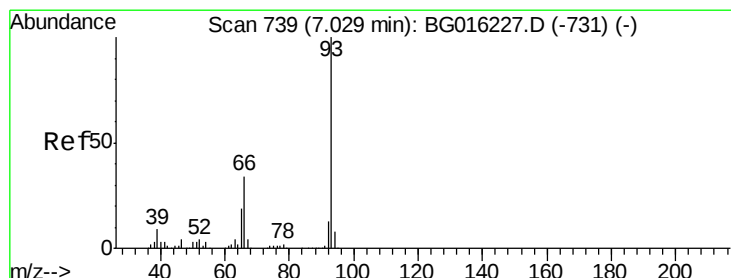
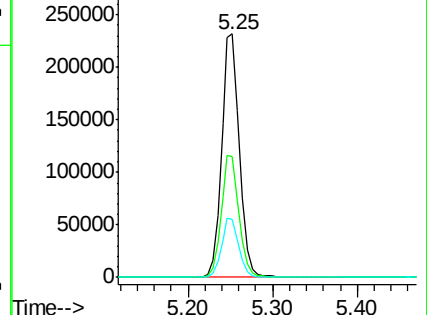
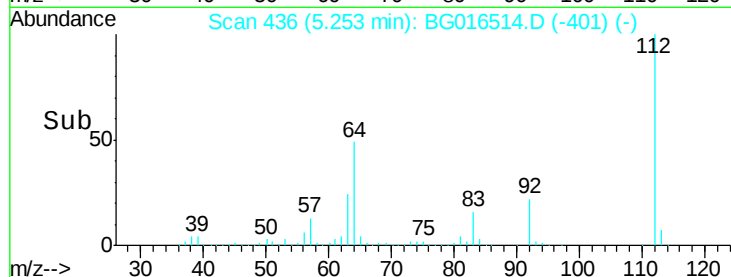
63 24.0 21.4 32.0



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: 8.11 ng

RT: 6.99 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

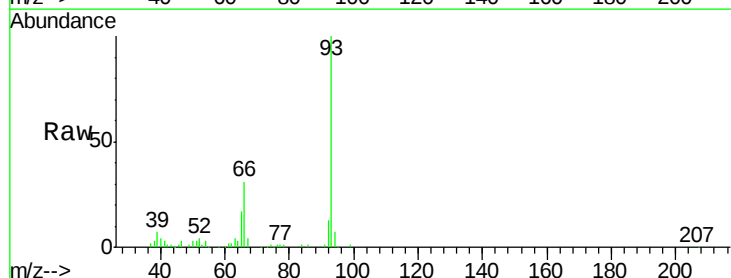
Tgt Ion: 93 Resp: 78835

Ion Ratio Lower Upper

93 100

66 30.6 27.5 41.3

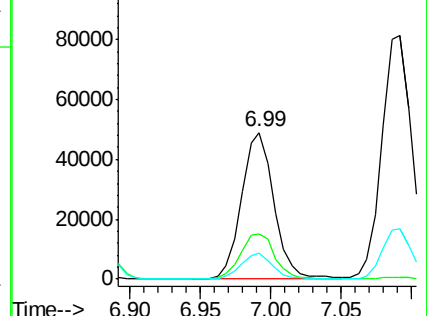
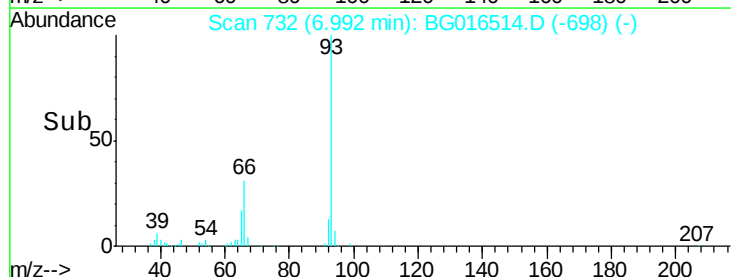
65 17.5 15.1 22.7

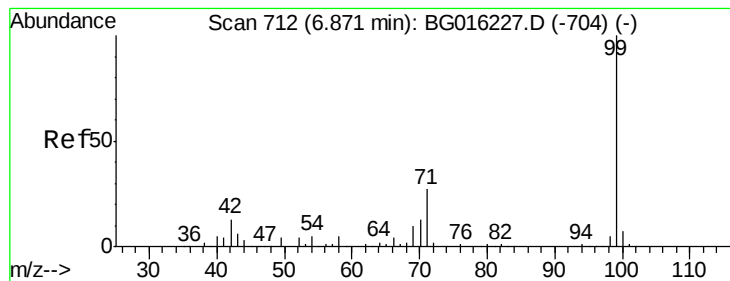


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 70.22 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.00 min

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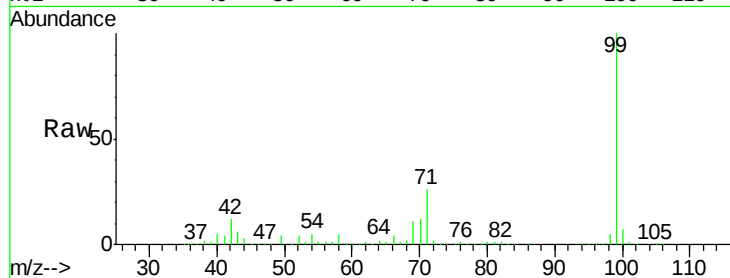
Tgt Ion: 99 Resp: 478086

Ion Ratio Lower Upper

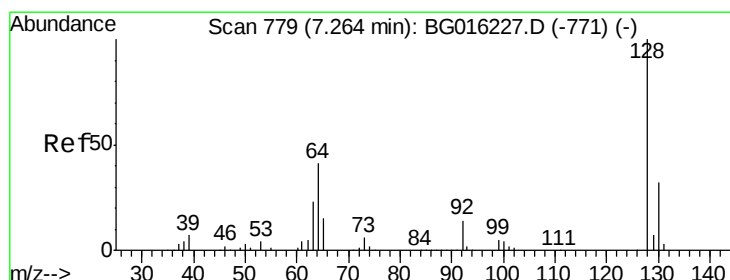
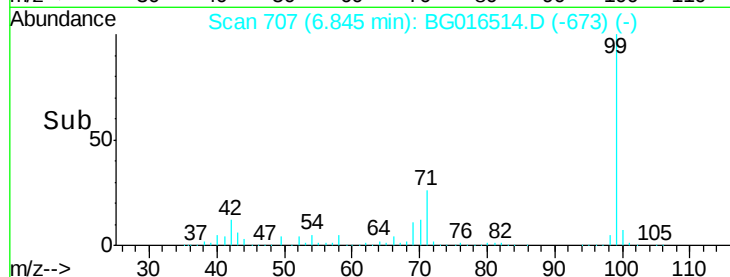
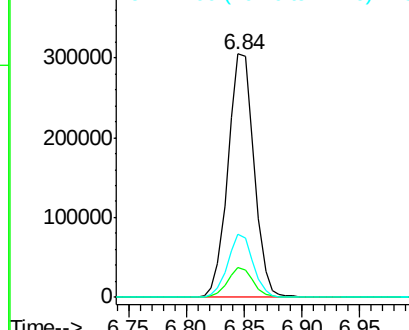
99 100

42 12.2 10.0 15.0

71 25.9 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: 24.06 ng

RT: 7.23 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

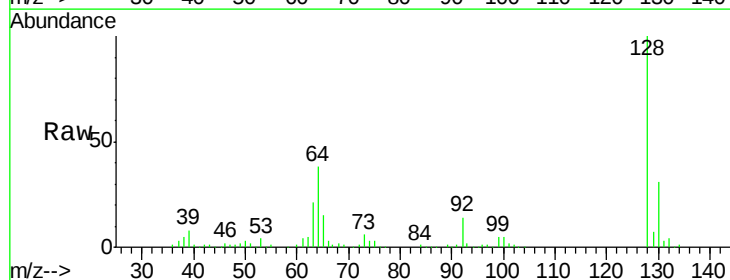
Tgt Ion: 128 Resp: 131029

Ion Ratio Lower Upper

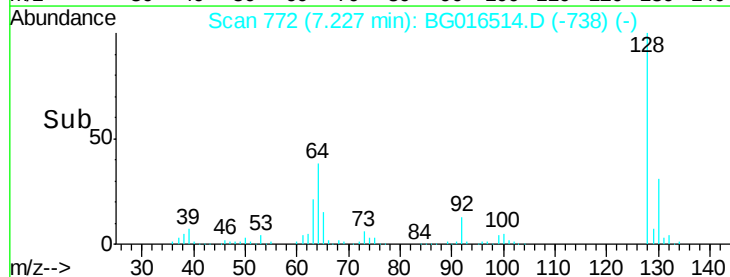
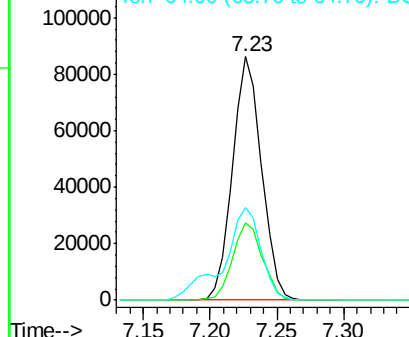
128 100

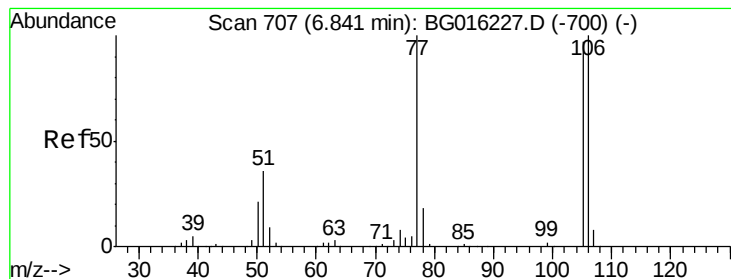
130 31.5 11.6 51.6

64 38.0 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: 5.92 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

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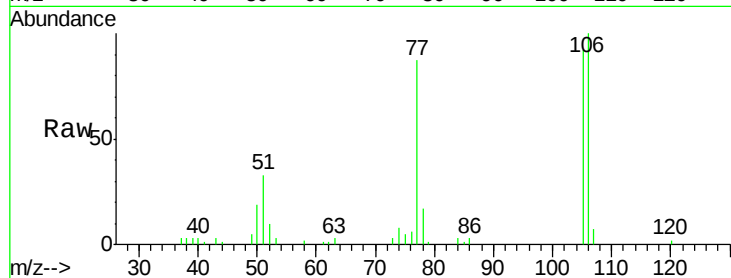
Tgt Ion: 77 Resp: 23620

Ion Ratio Lower Upper

77 100

105 106.7 76.8 116.8

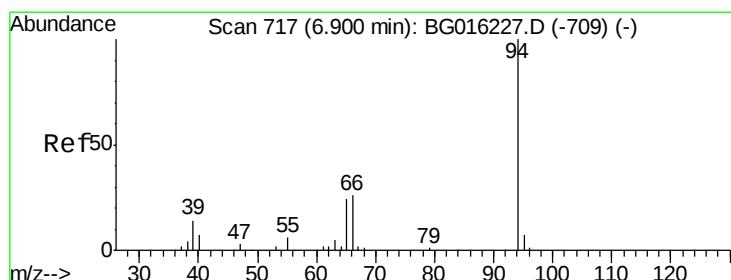
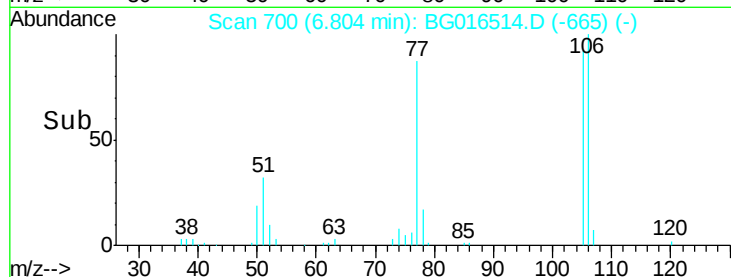
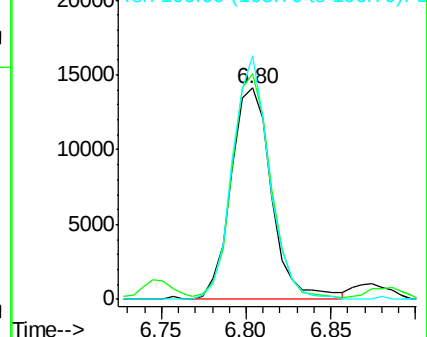
106 115.3 80.1 120.1



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: 22.98 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

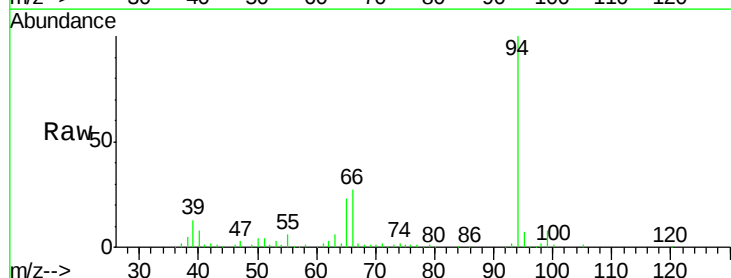
Tgt Ion: 94 Resp: 167405

Ion Ratio Lower Upper

94 100

65 22.8 3.8 43.8

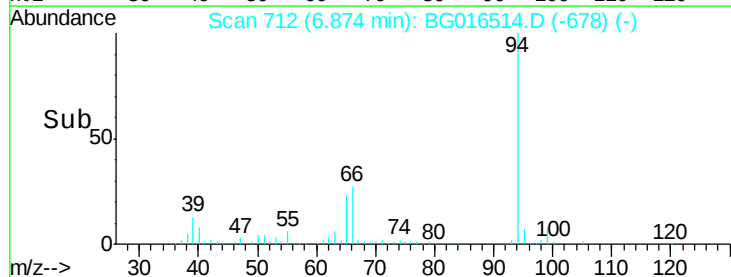
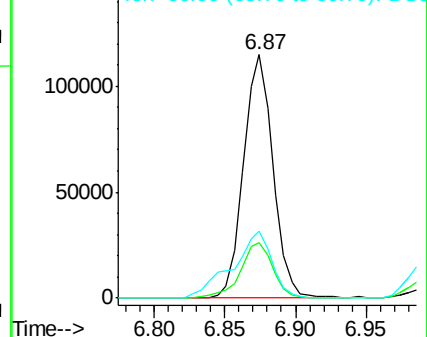
66 27.4 7.4 47.4



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

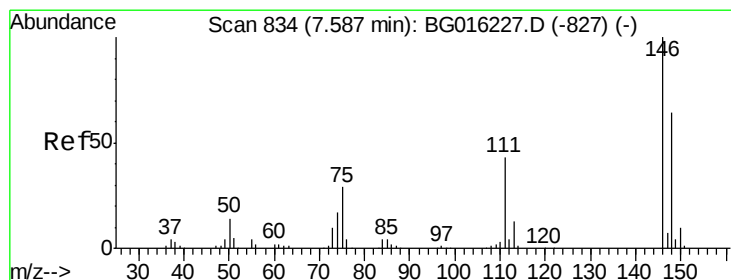
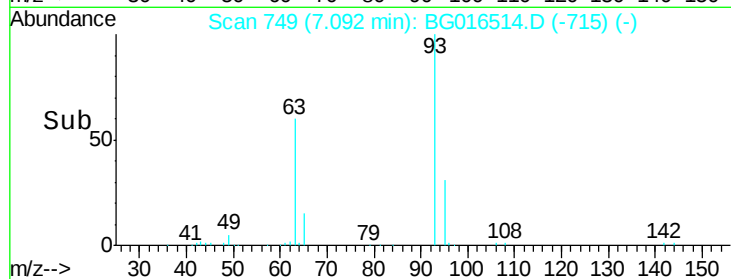
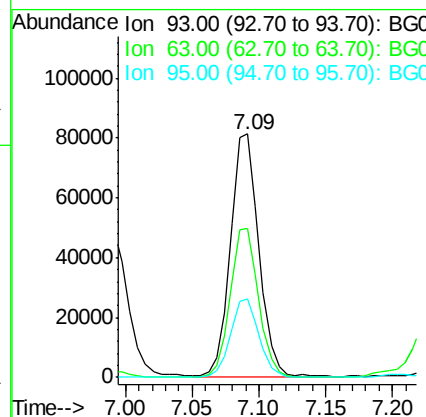
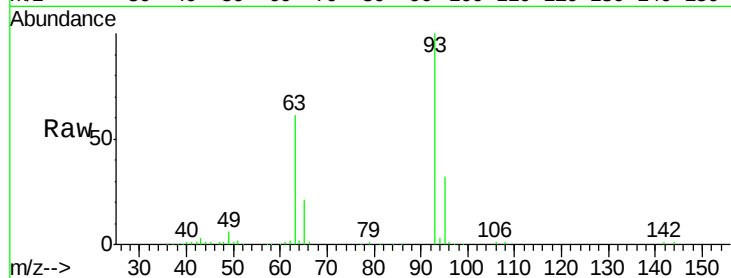




#11
bis(2-Chloroethyl)ether
Concen: 20.93 ng
RT: 7.09 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

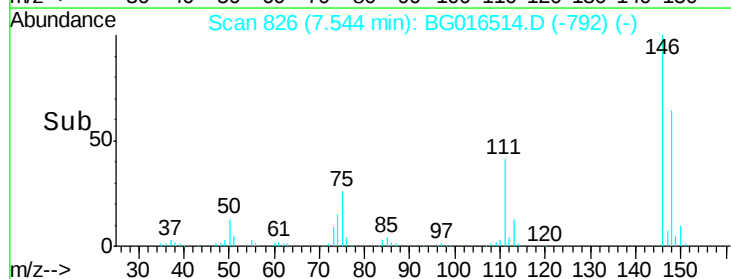
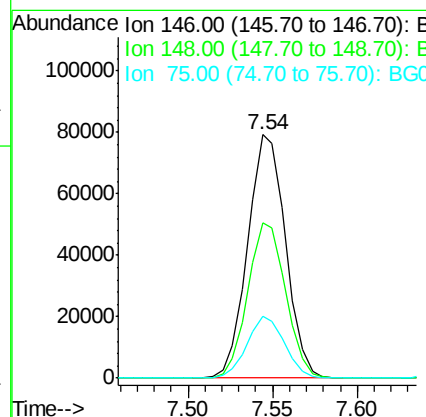
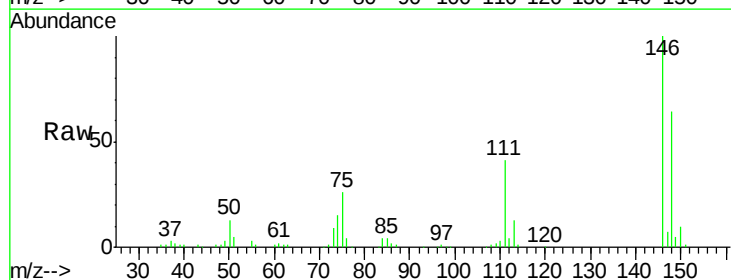
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

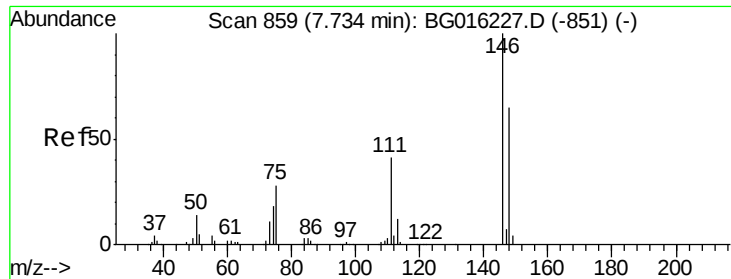
Tgt Ion:	93	Resp:	121579
Ion	Ratio	Lower	Upper
93	100		
63	61.0	44.1	84.1
95	32.4	12.5	52.5



#12
1,3-Dichlorobenzene
Concen: 22.41 ng
RT: 7.54 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:	146	Resp:	123244
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	25.5	23.3	34.9

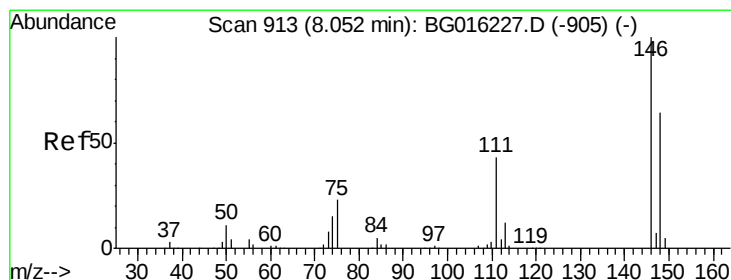
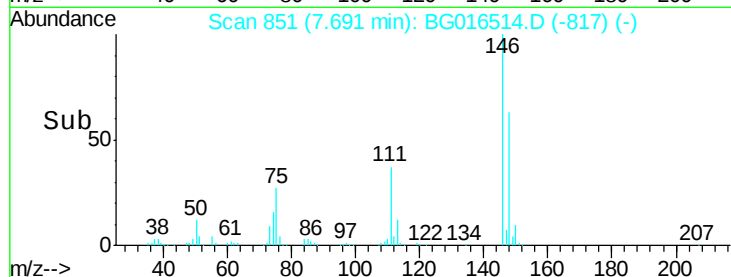
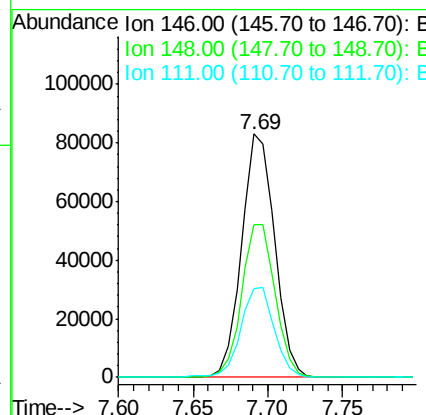
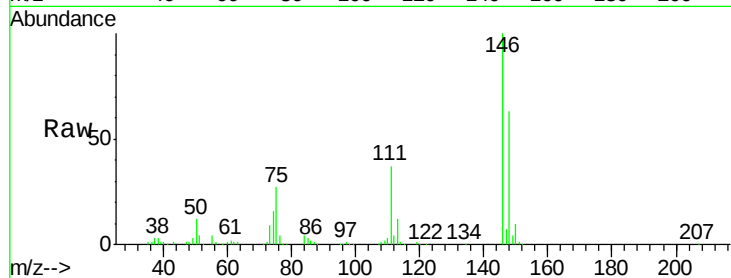




#13
 1,4-Dichlorobenzene
 Concen: 22.28 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

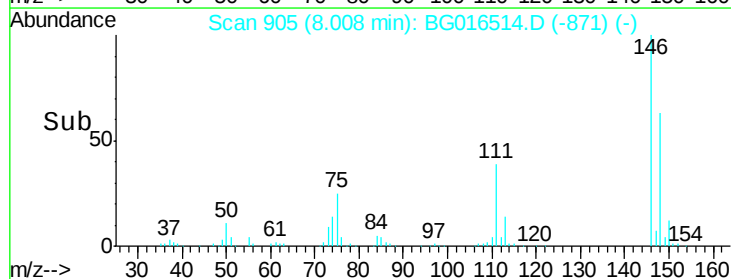
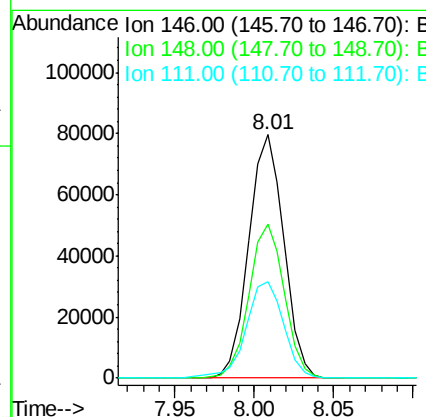
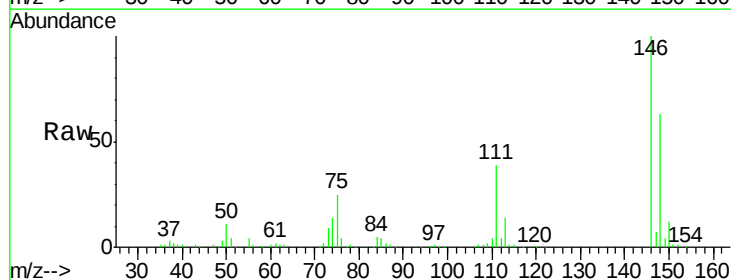
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

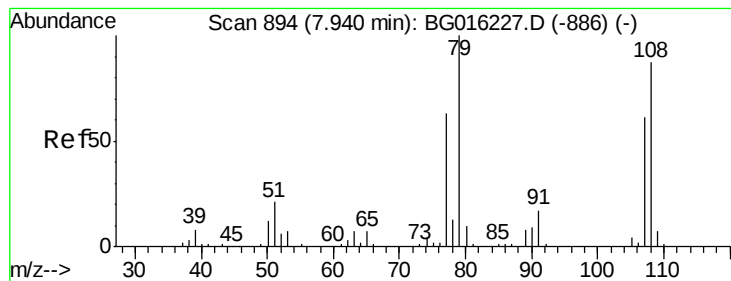
Tgt Ion:146 Resp: 127099
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.0 78.0
 111 36.5 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 22.44 ng
 RT: 8.01 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:146 Resp: 122425
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.9 76.3
 111 39.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 20.02 ng

RT: 7.90 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

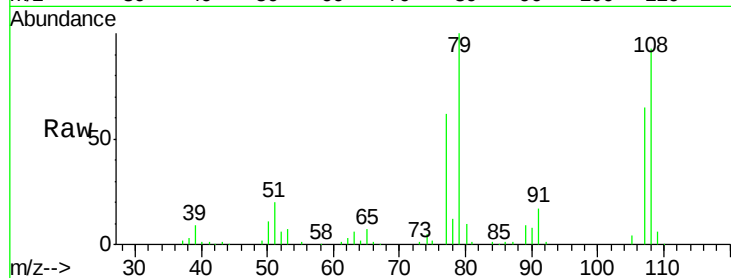
Tgt Ion: 79 Resp: 95004

Ion Ratio Lower Upper

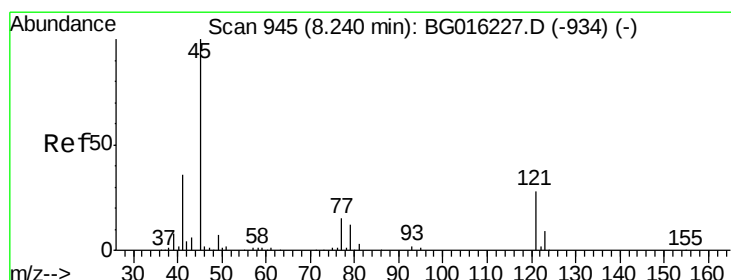
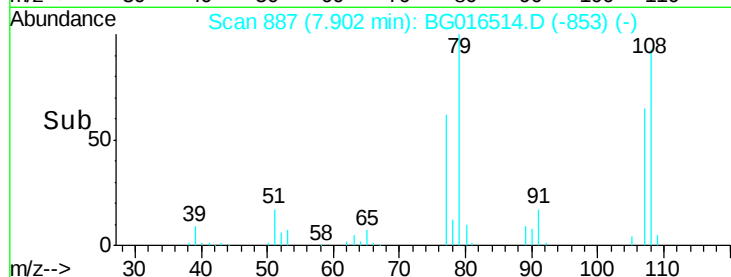
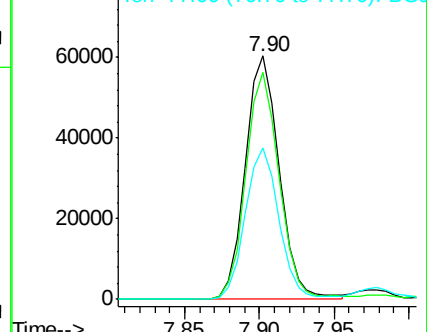
79 100

108 93.4 69.3 103.9

77 62.0 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: 18.89 ng

RT: 8.20 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

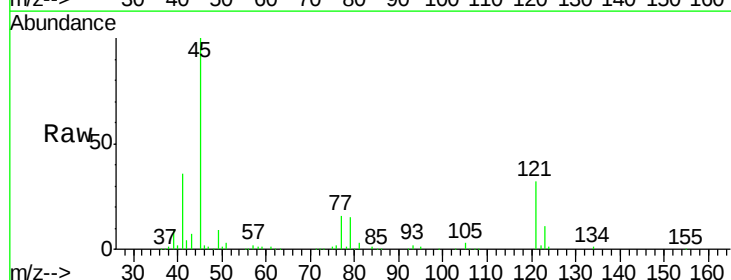
Tgt Ion: 45 Resp: 123553

Ion Ratio Lower Upper

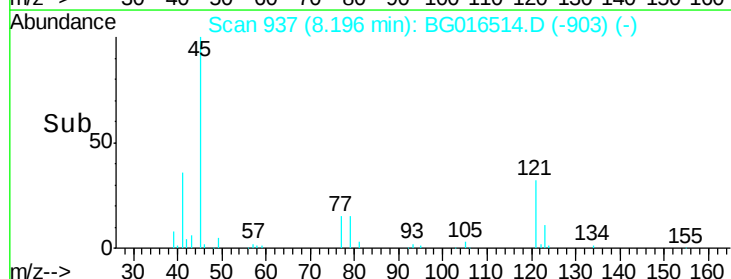
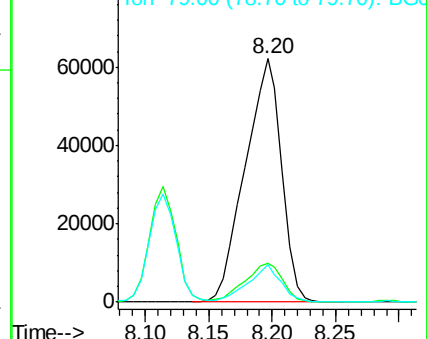
45 100

77 16.2 0.0 35.3

79 15.4 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

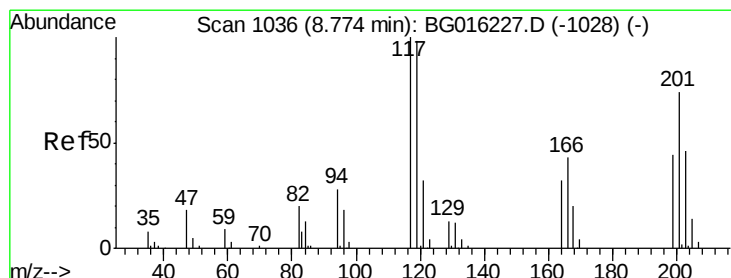
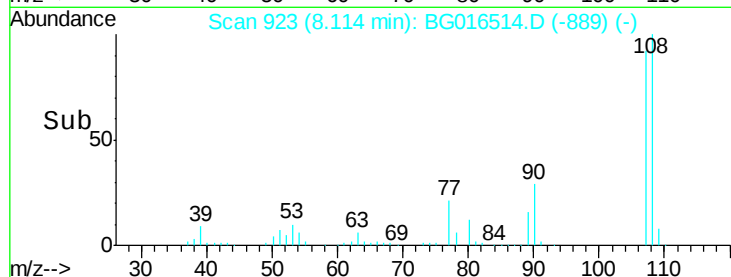
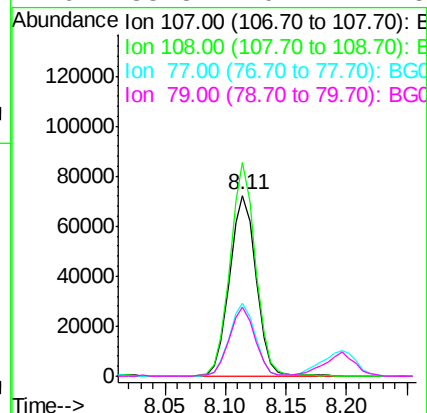
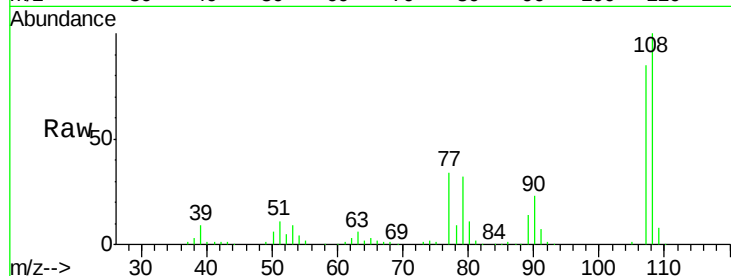




#17
 2-Methylphenol
 Concen: 22.70 ng
 RT: 8.11 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

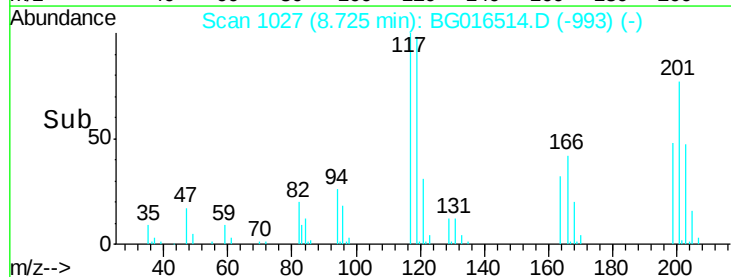
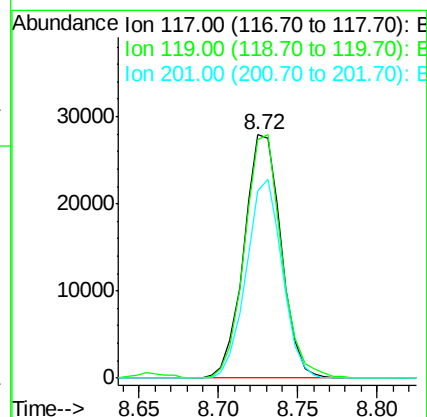
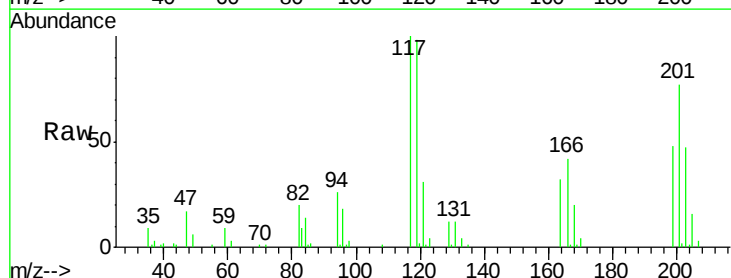
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

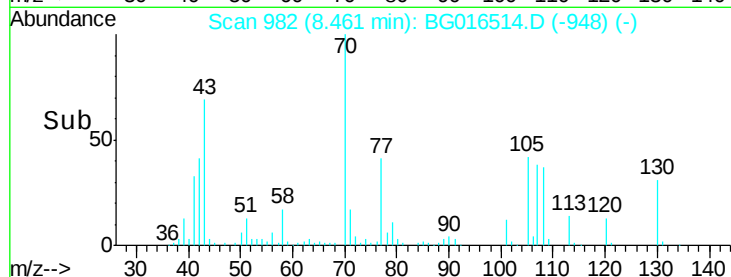
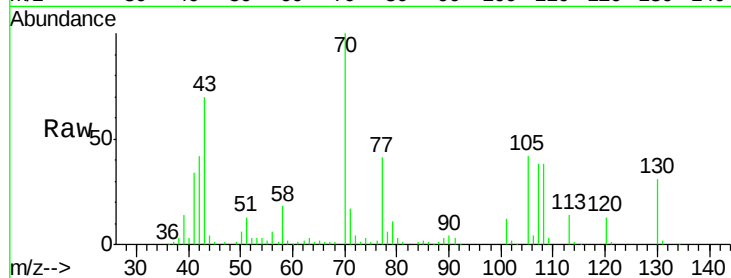
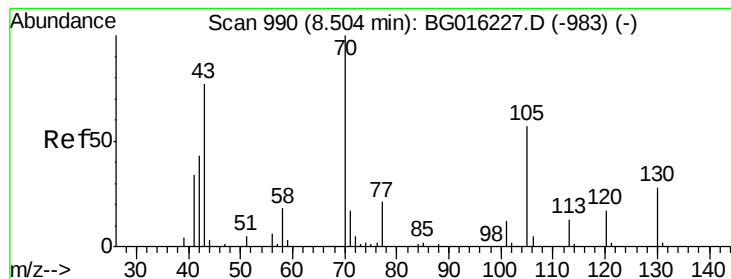
Tgt Ion:	107	Resp:	110886
Ion	Ratio	Lower	Upper
107	100		
108	118.0	87.2	130.8
77	40.6	31.1	46.7
79	38.3	29.7	44.5



#18
 Hexachloroethane
 Concen: 20.78 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:	117	Resp:	45346
Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.8	118.2
201	77.1	59.0	88.4





#19

n-Nitroso-di-n-propylamine

Concen: 18.04 ng

RT: 8.46 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

Tgt Ion: 70 Resp: 88016

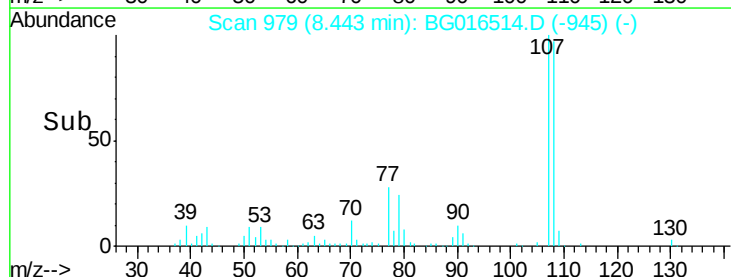
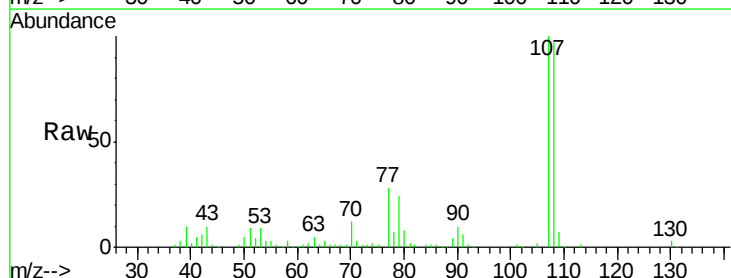
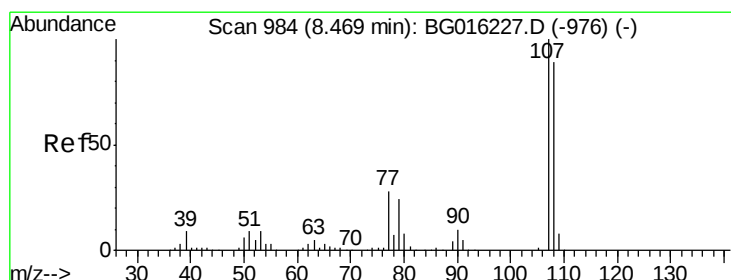
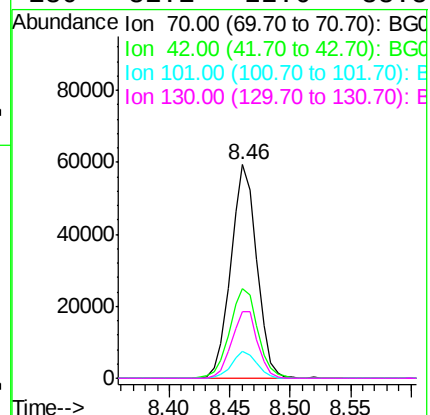
Ion Ratio Lower Upper

70 100

42 41.8 34.7 52.1

101 12.3 9.2 13.8

130 31.1 22.6 33.8



#20

3+4-Methylphenols

Concen: 22.02 ng

RT: 8.44 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Tgt Ion: 107 Resp: 149009

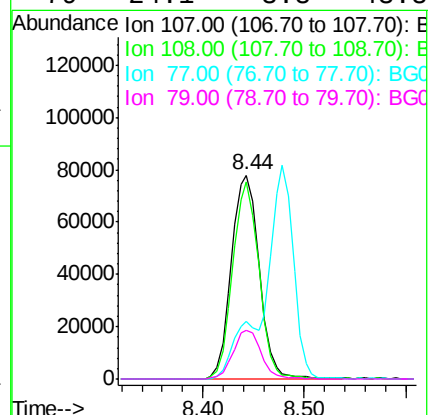
Ion Ratio Lower Upper

107 100

108 96.6 69.5 109.5

77 28.2 8.2 48.2

79 24.1 3.8 43.8

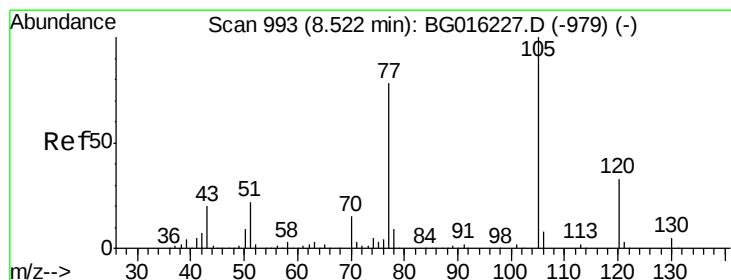
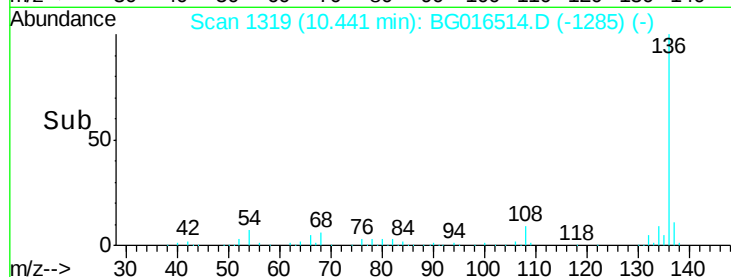
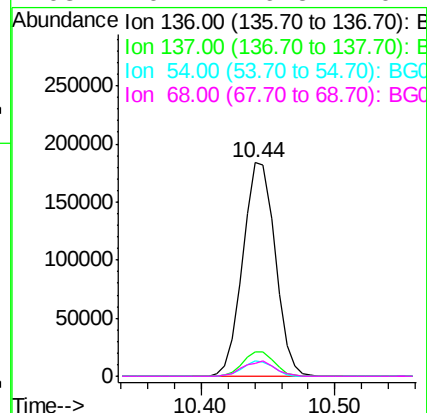
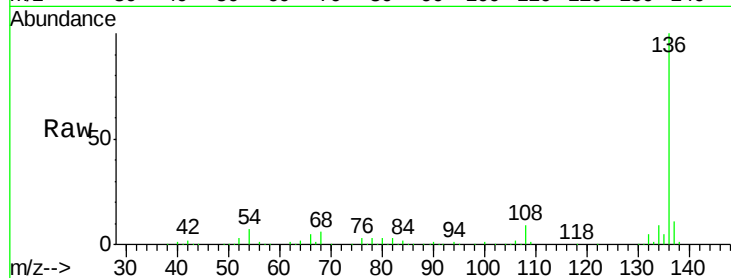




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

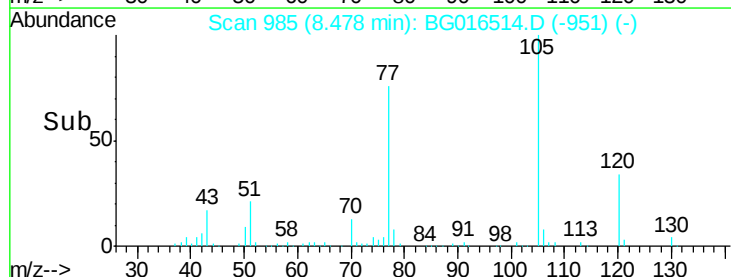
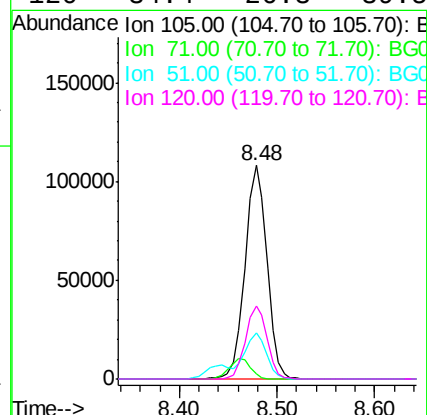
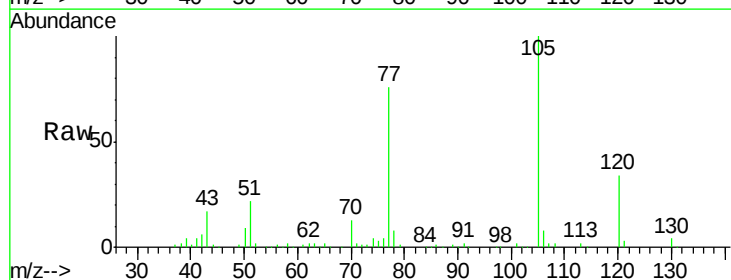
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tgt Ion:	136	Resp:	308438
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	6.9	6.3	9.5
68	6.1	6.5	9.7#



#22
Acetophenone
Concen: 23.70 ng
RT: 8.48 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:	105	Resp:	169505
Ion Ratio	Lower	Upper	
105	100		
71	2.3	2.0	3.0
51	21.5	17.9	26.9
120	34.4	26.3	39.5

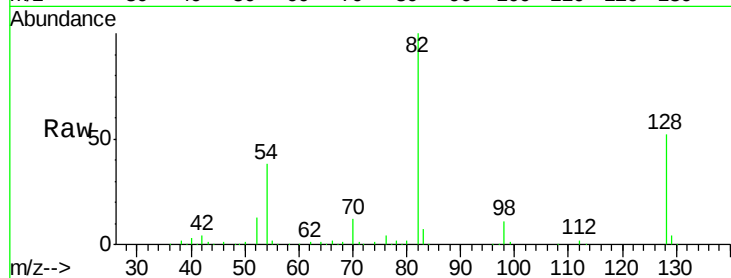




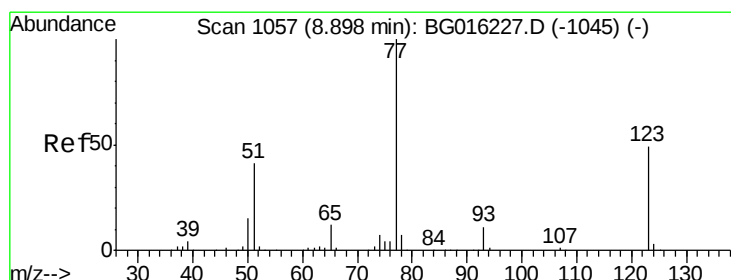
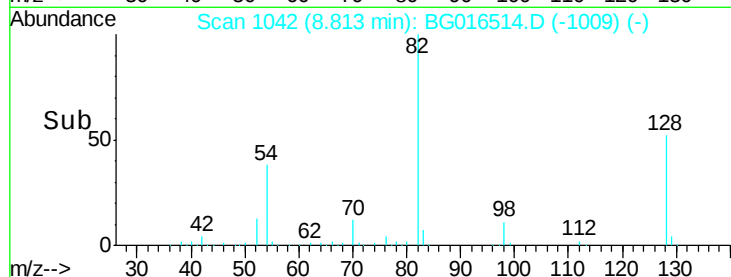
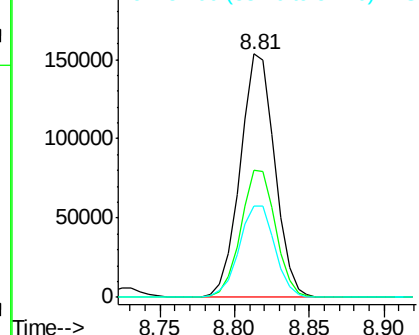
#23
 Nitrobenzene-d5
 Concen: 46.29 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.2	37.8	56.8
54	37.7	32.6	49.0

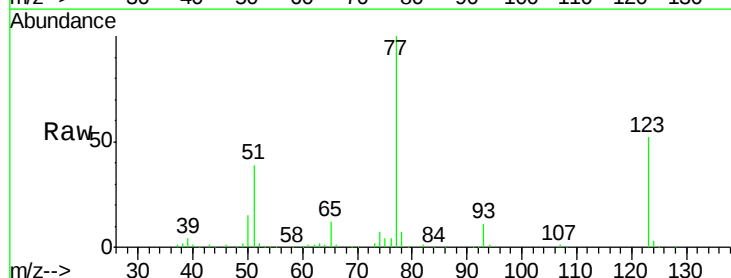


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

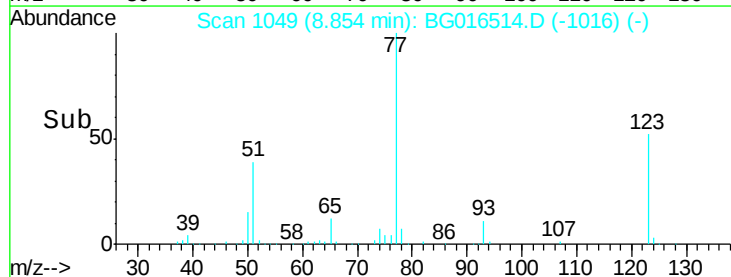
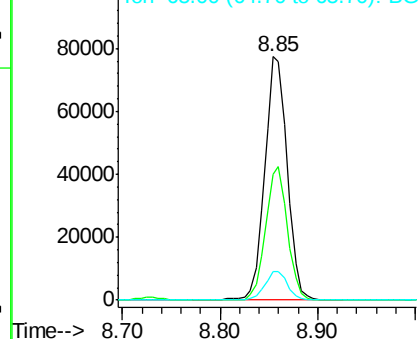


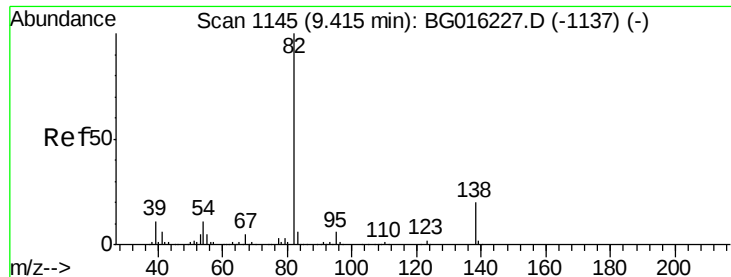
#24
 Nitrobenzene
 Concen: 22.10 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	38.8	58.2
65	11.7	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: 20.28 ng

RT: 9.37 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

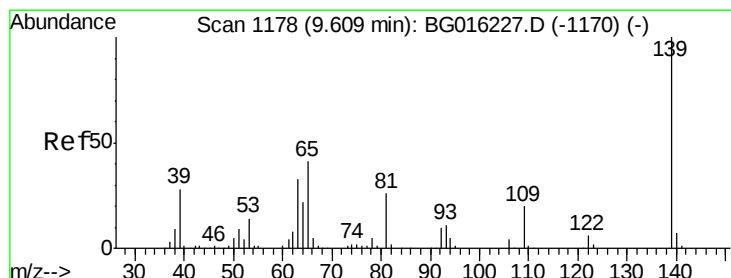
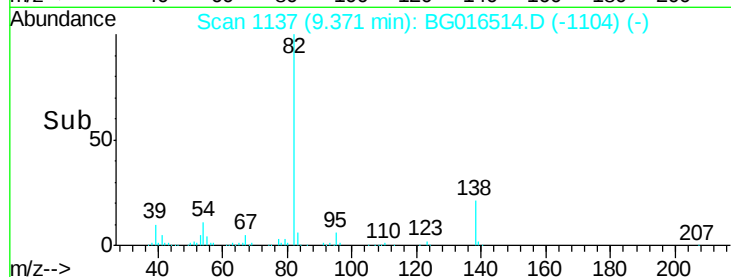
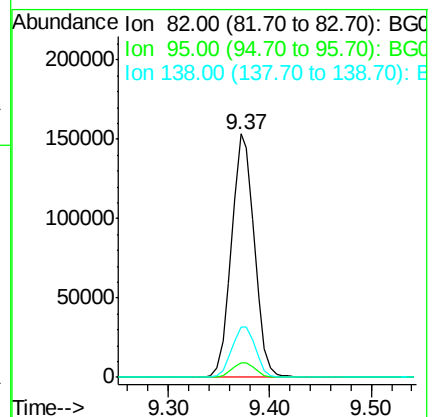
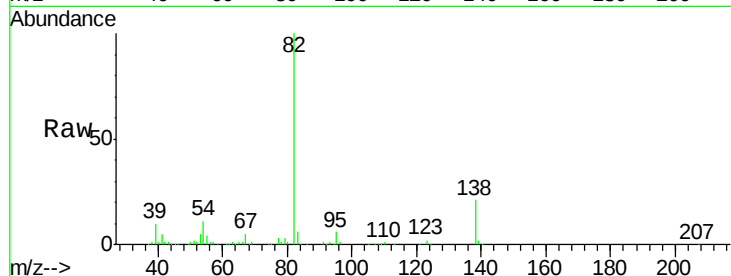
Tgt Ion: 82 Resp: 239753

Ion Ratio Lower Upper

82 100

95 5.9 5.0 7.6

138 20.8 16.2 24.2



#26

2-Nitrophenol

Concen: 26.97 ng

RT: 9.57 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

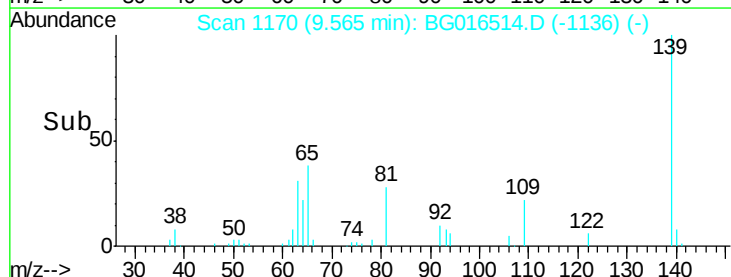
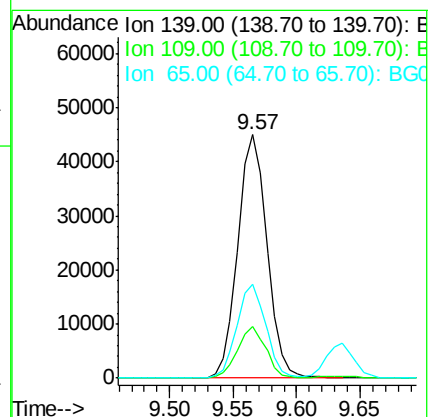
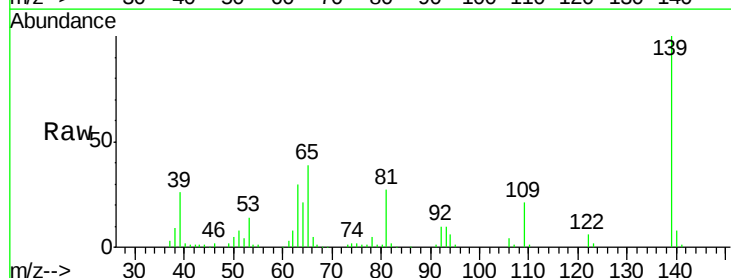
Tgt Ion: 139 Resp: 71597

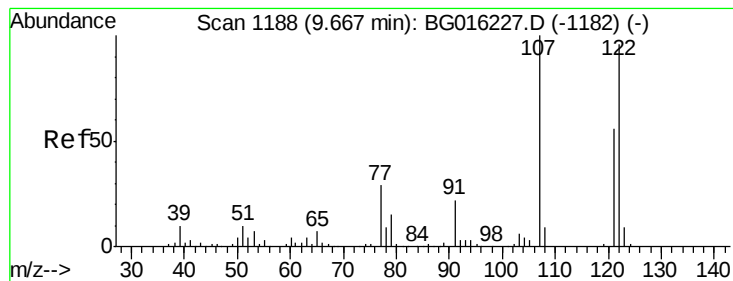
Ion Ratio Lower Upper

139 100

109 21.0 15.9 23.9

65 38.6 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 26.19 ng

RT: 9.64 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

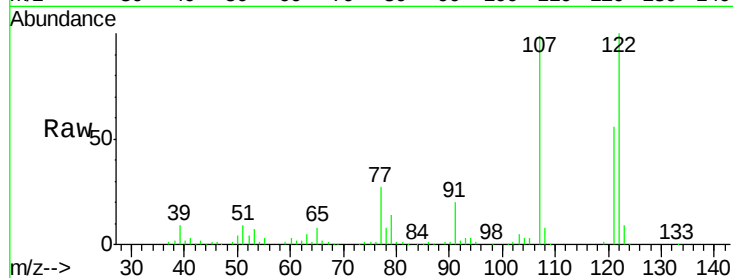
Tgt Ion: 122 Resp: 129518

Ion Ratio Lower Upper

122 100

107 99.2 83.4 125.2

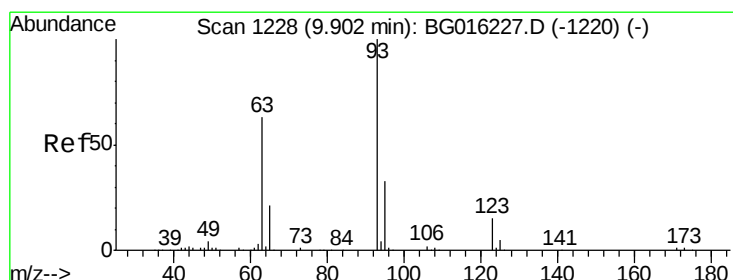
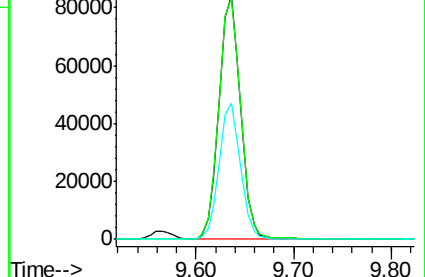
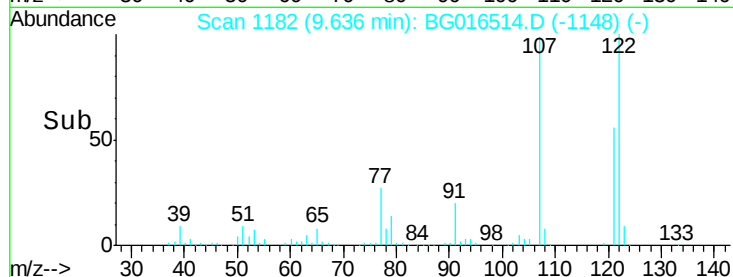
121 55.8 46.2 69.4



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: 21.92 ng

RT: 9.86 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

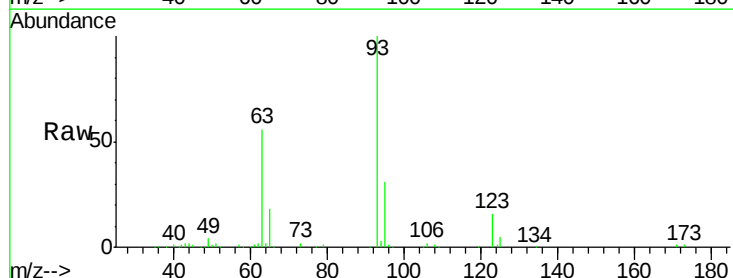
Tgt Ion: 93 Resp: 147913

Ion Ratio Lower Upper

93 100

95 31.3 26.1 39.1

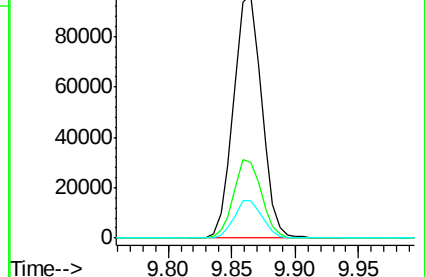
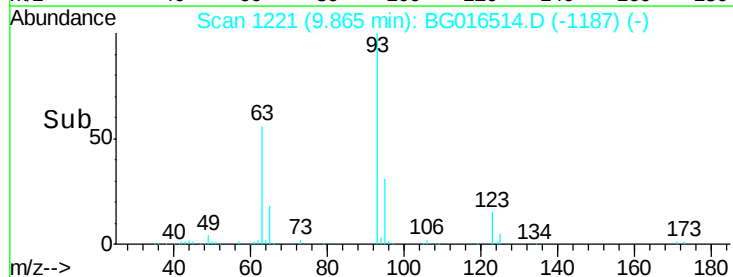
123 15.6 11.8 17.8



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

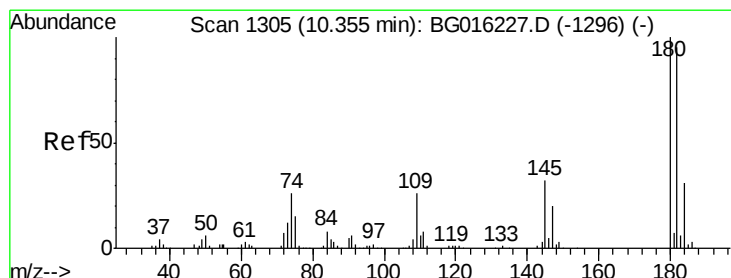
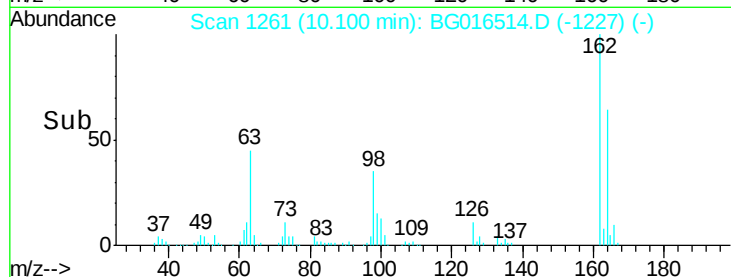
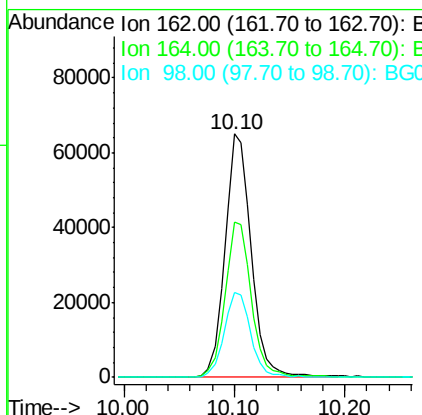
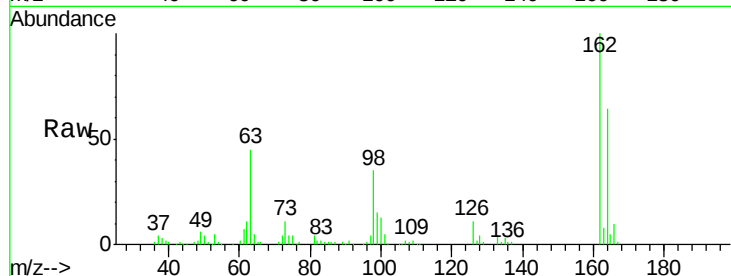




#29
2,4-Dichlorophenol
Concen: 27.59 ng
RT: 10.10 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

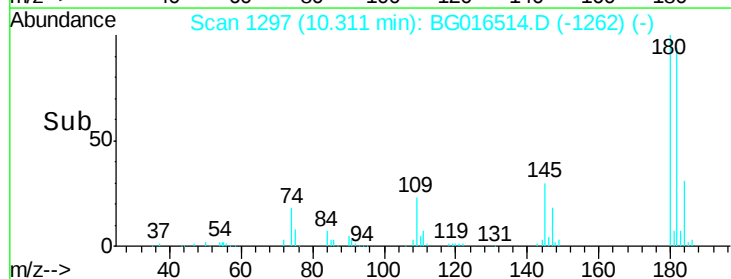
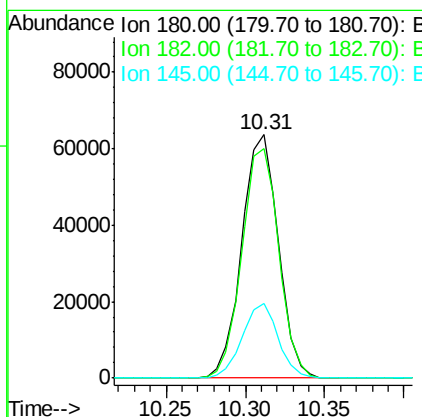
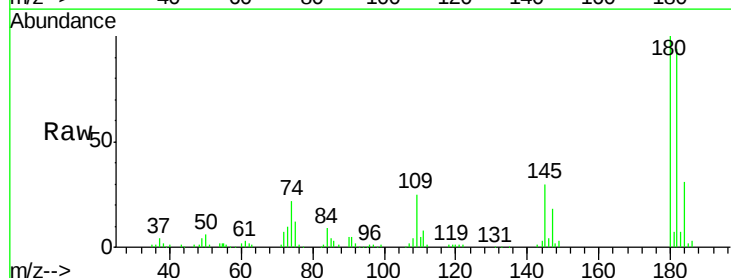
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

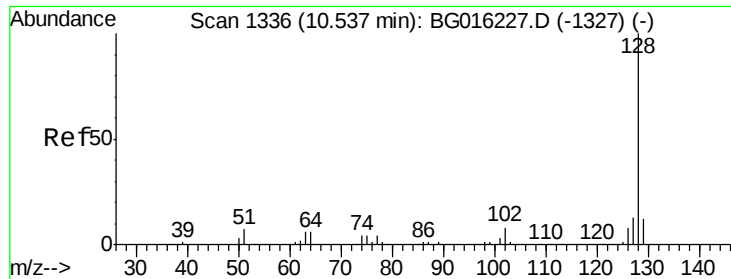
Tgt Ion:162 Resp: 107976
Ion Ratio Lower Upper
162 100
164 63.8 45.0 85.0
98 35.0 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 25.00 ng
RT: 10.31 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:180 Resp: 102139
Ion Ratio Lower Upper
180 100
182 94.5 76.3 114.5
145 30.5 25.2 37.8

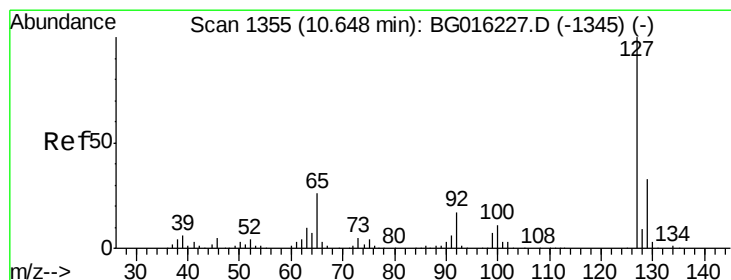
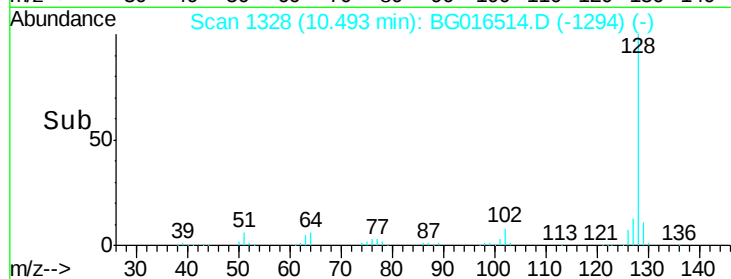
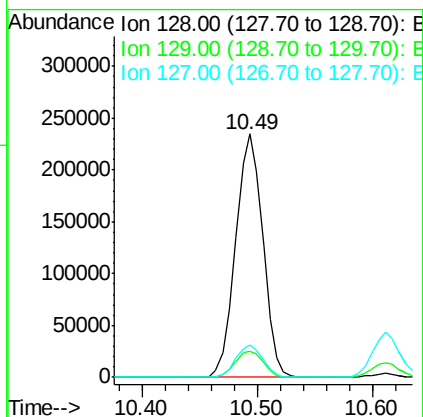
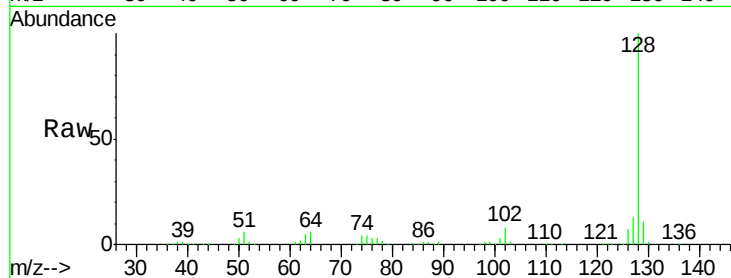




#31
Naphthalene
Concen: 23.77 ng
RT: 10.49 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

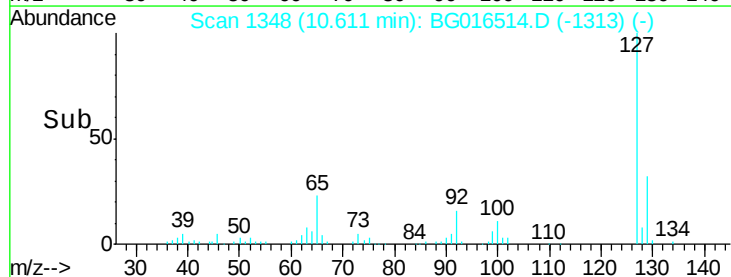
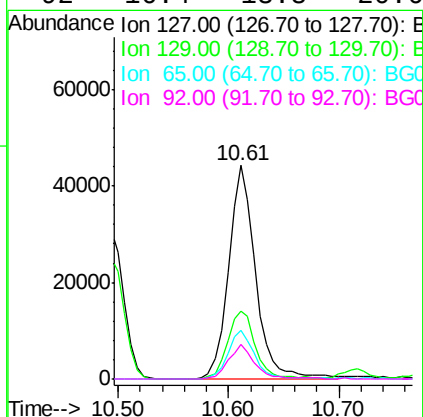
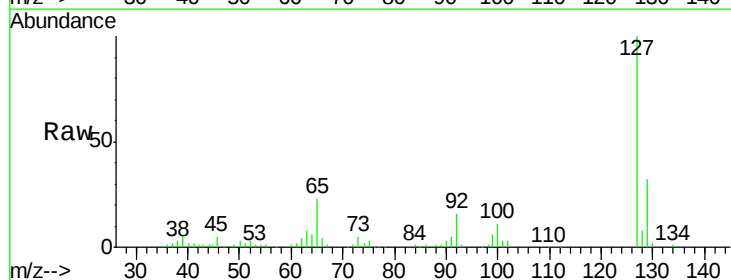
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

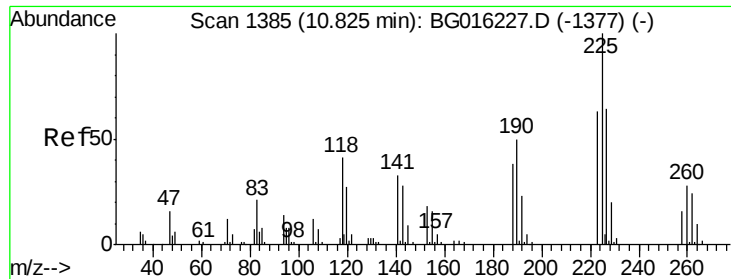
Tgt Ion:128 Resp: 382002
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.5 10.6 16.0



#33
4-Chloroaniline
Concen: 10.06 ng
RT: 10.61 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:127 Resp: 75865
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 22.5 21.2 31.8
92 16.4 13.8 20.6

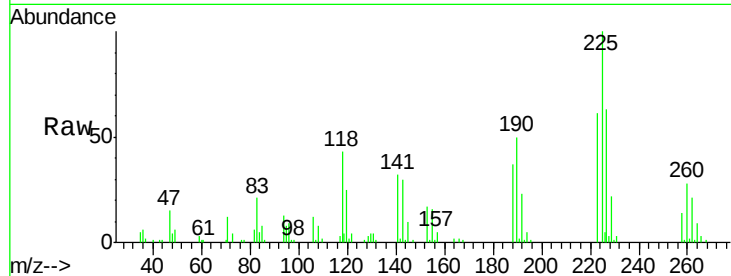




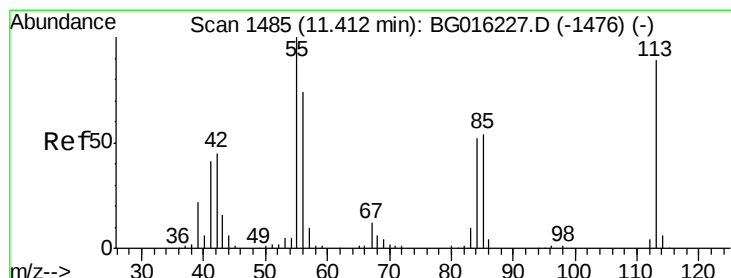
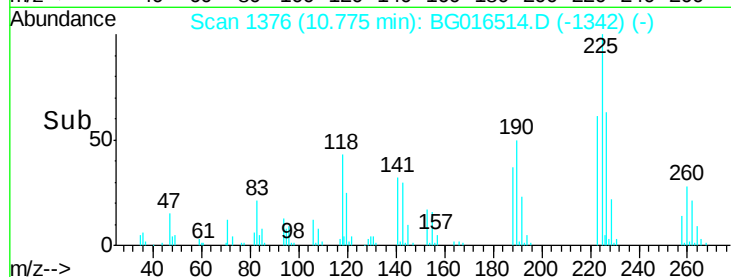
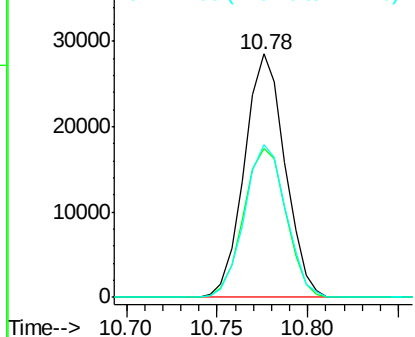
#34
Hexachlorobutadiene
Concen: 24.66 ng
RT: 10.78 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tgt Ion: 225 Resp: 44262
Ion Ratio Lower Upper
225 100
223 61.2 50.4 75.6
227 62.8 51.2 76.8

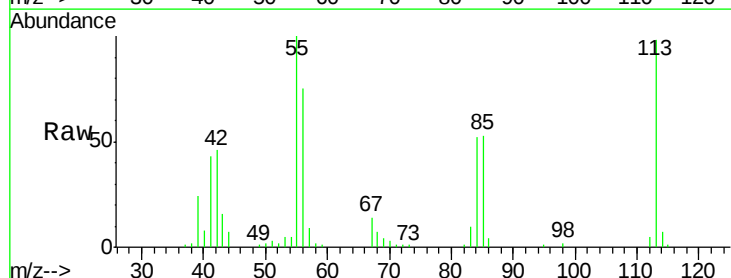


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

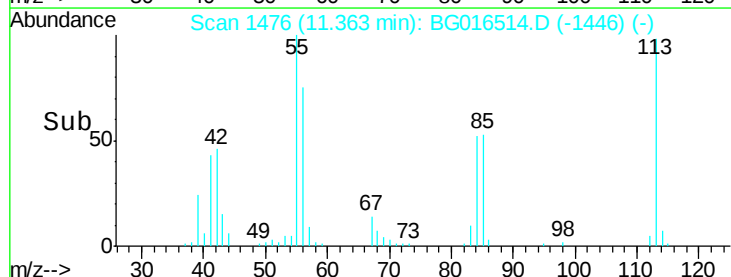
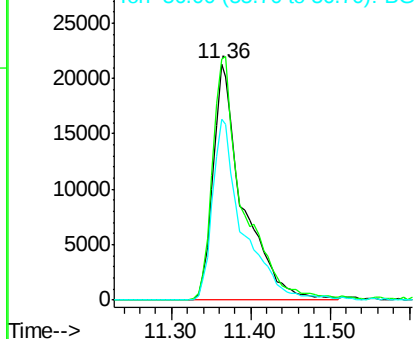


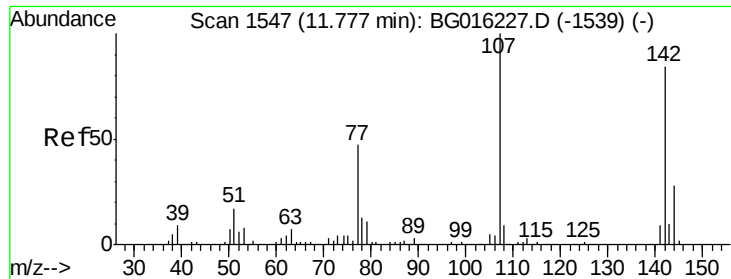
#35
Caprolactam
Concen: 22.54 ng
RT: 11.36 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion: 113 Resp: 55520
Ion Ratio Lower Upper
113 100
55 102.0 92.4 132.4
56 76.4 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

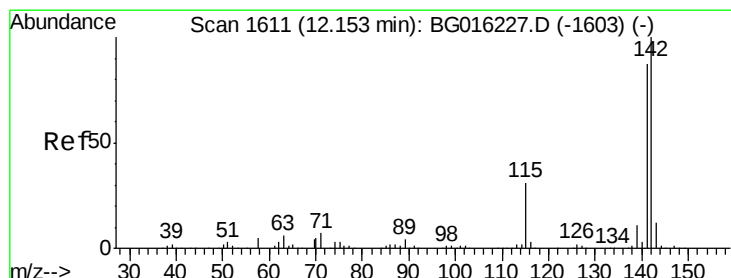
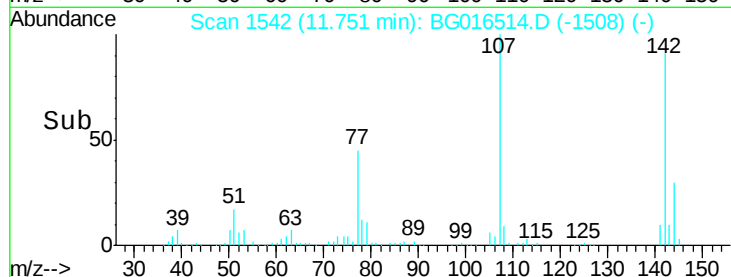
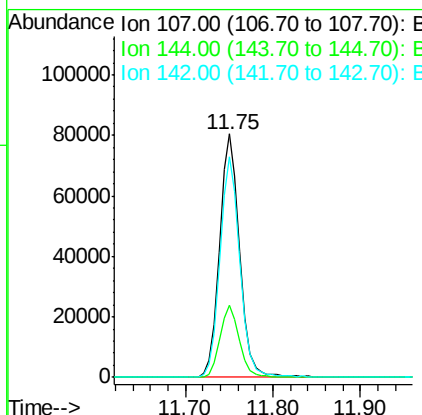
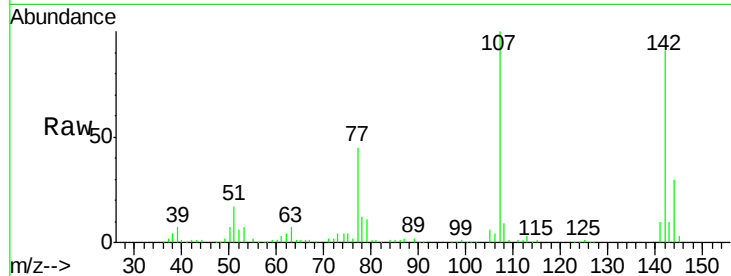




#36
 4-Chloro-3-methylphenol
 Concen: 24.77 ng
 RT: 11.75 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

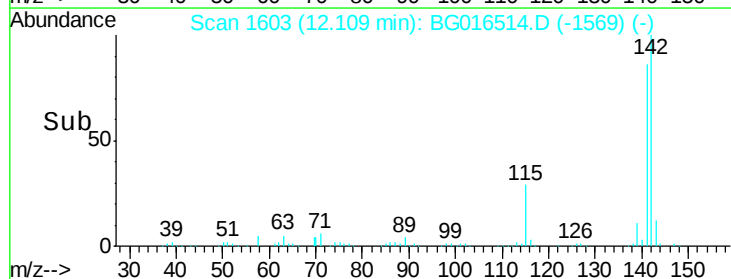
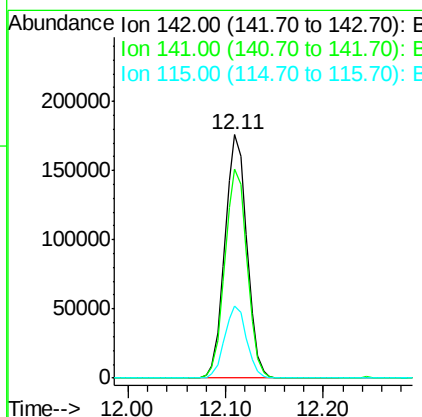
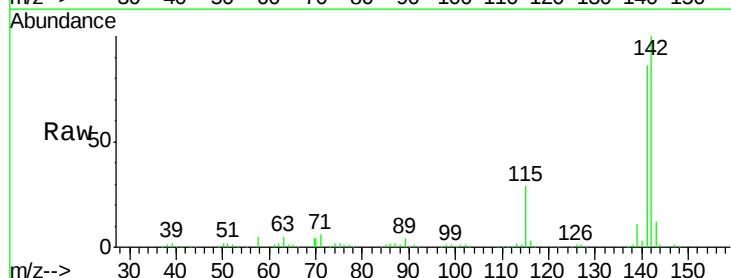
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

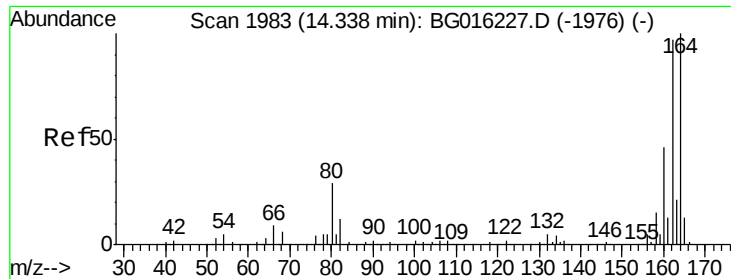
Tgt Ion:107 Resp: 128071
 Ion Ratio Lower Upper
 107 100
 144 29.6 22.0 33.0
 142 90.5 67.0 100.6



#37
 2-Methylnaphthalene
 Concen: 23.78 ng
 RT: 12.11 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:142 Resp: 274889
 Ion Ratio Lower Upper
 142 100
 141 86.0 69.3 103.9
 115 29.4 25.0 37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

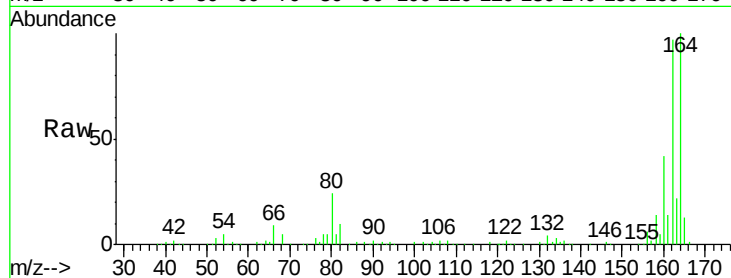
Tgt Ion:164 Resp: 179508

Ion Ratio Lower Upper

164 100

162 96.8 77.3 115.9

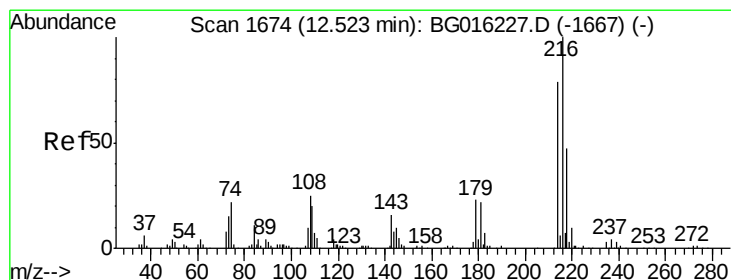
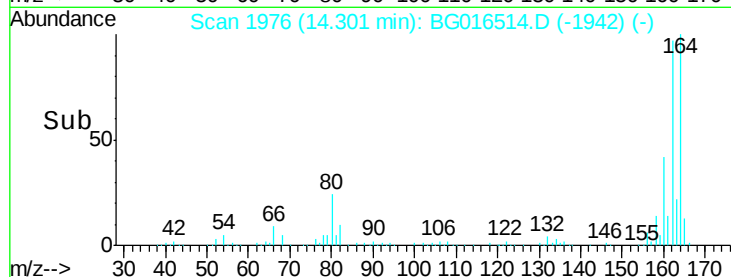
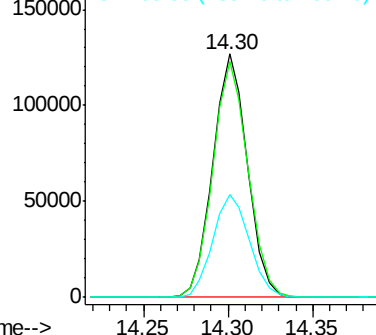
160 42.2 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.50 ng

RT: 12.49 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Tgt Ion:216 Resp: 96845

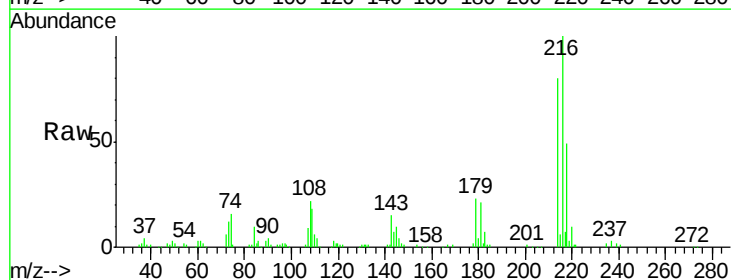
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.0

179 23.2 18.2 27.2

108 24.5 21.2 31.8

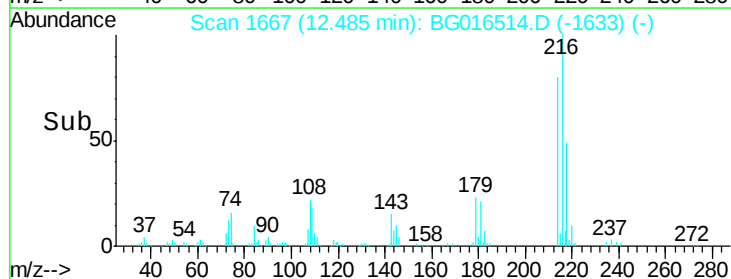
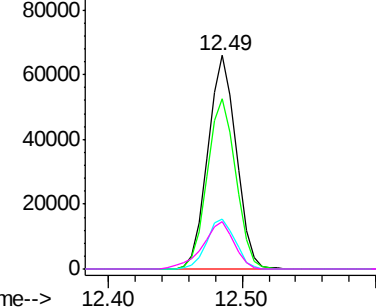


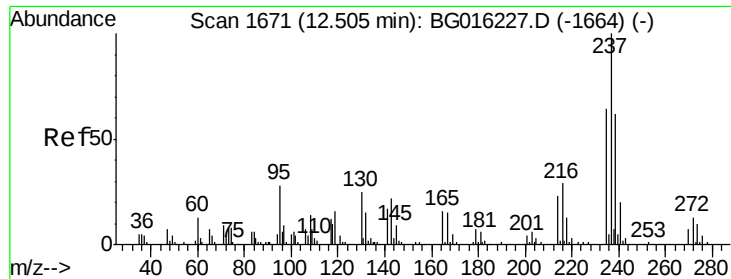
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.37 ng

RT: 12.46 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

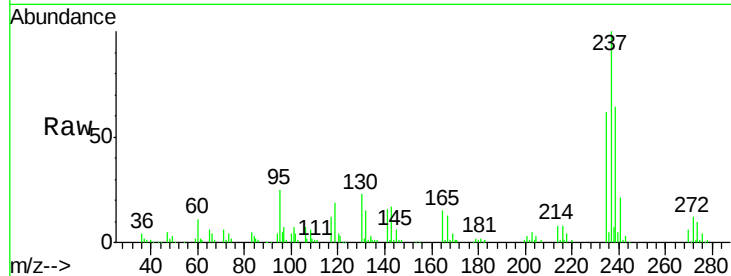
Tgt Ion:237 Resp: 67609

Ion Ratio Lower Upper

237 100

235 61.8 43.9 83.9

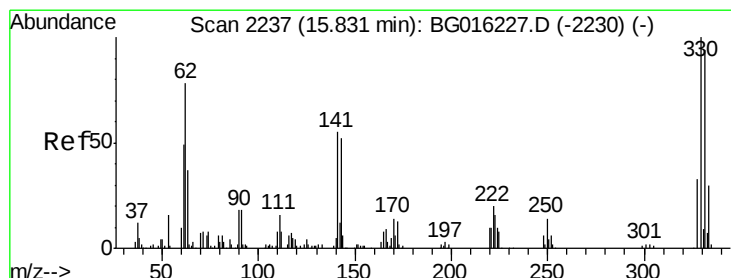
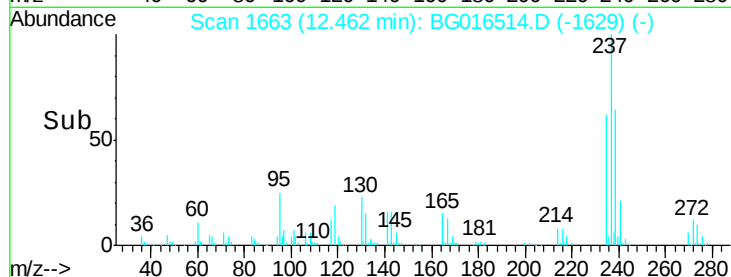
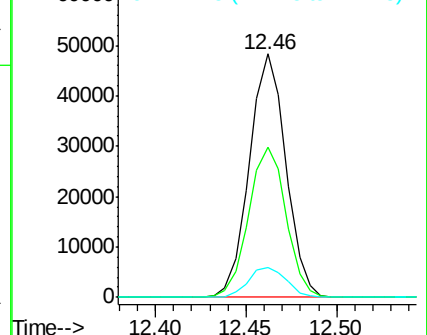
272 12.3 0.0 33.1



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: 79.33 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

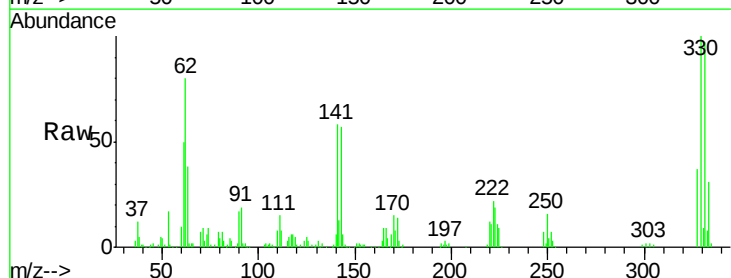
Tgt Ion:330 Resp: 96303

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.6

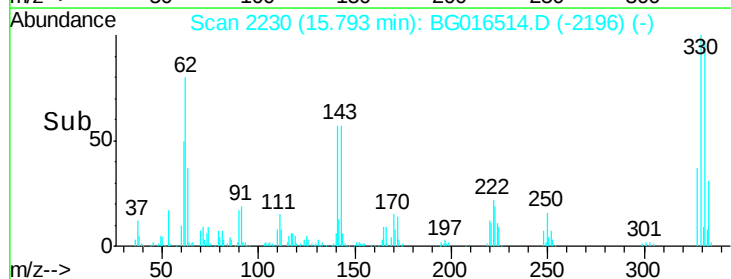
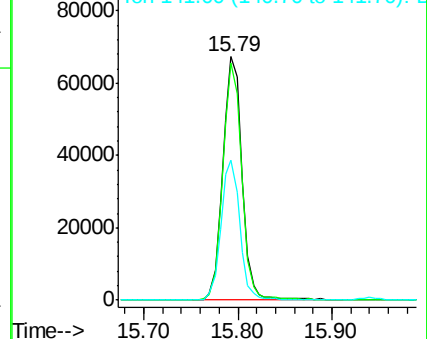
141 56.4 46.6 69.8

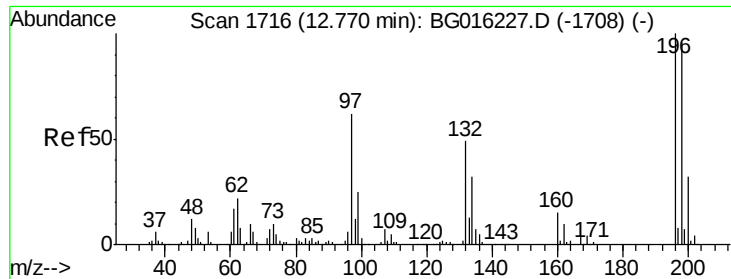


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

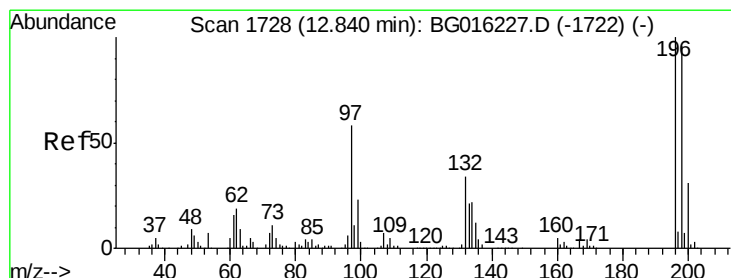
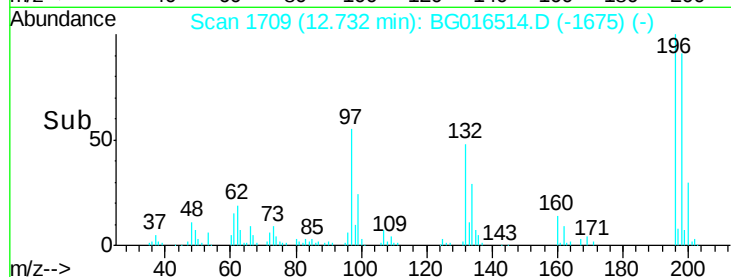
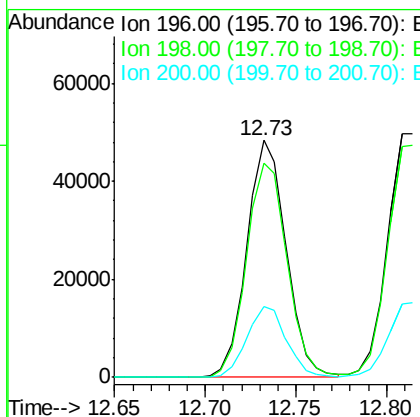
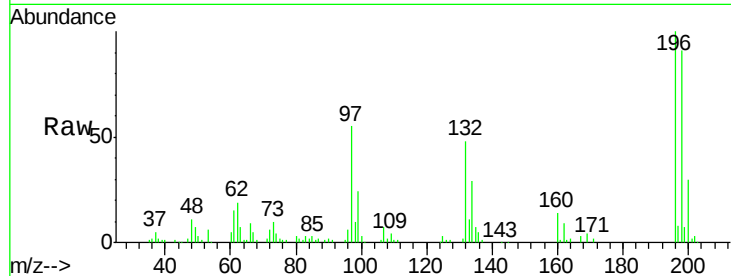




#42
 2,4,6-Trichlorophenol
 Concen: 24.79 ng
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

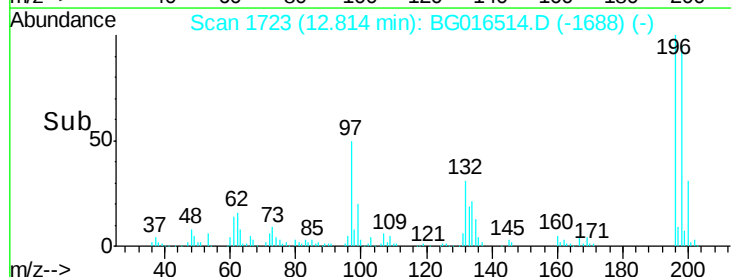
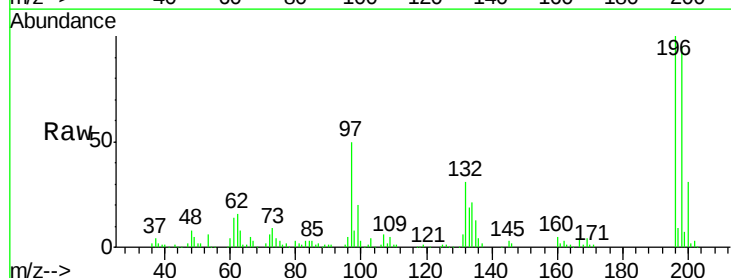
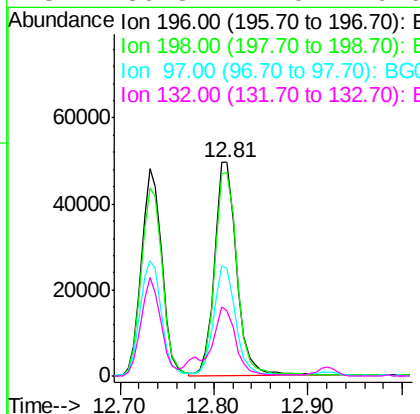
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

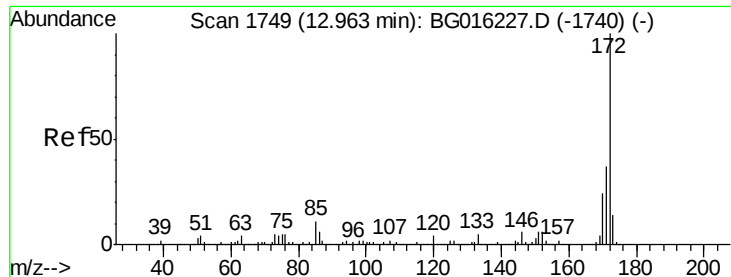
Tgt Ion:196 Resp: 72813
 Ion Ratio Lower Upper
 196 100
 198 90.5 77.2 115.8
 200 30.1 25.3 37.9



#43
 2,4,5-Trichlorophenol
 Concen: 26.16 ng
 RT: 12.81 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:196 Resp: 82096
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.1 115.7
 97 50.4 46.6 69.8
 132 30.8 27.0 40.6

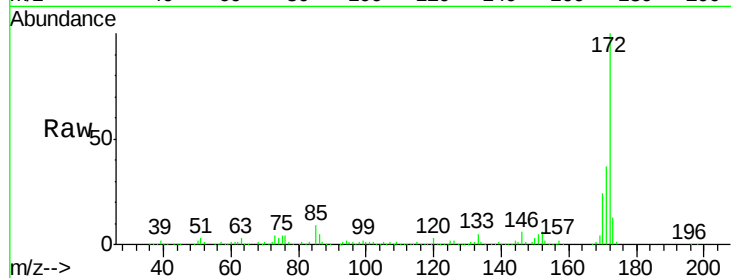




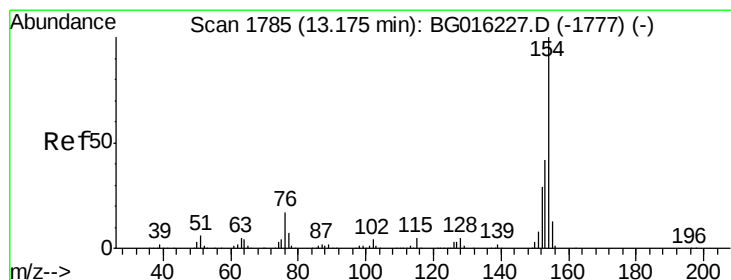
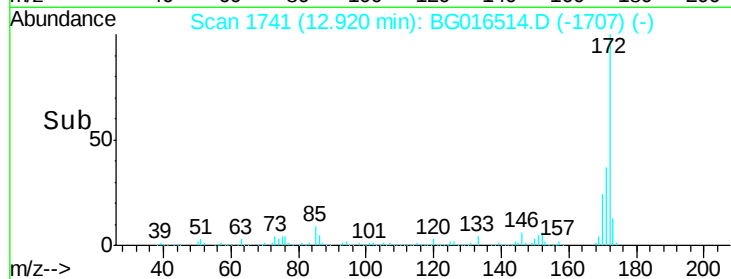
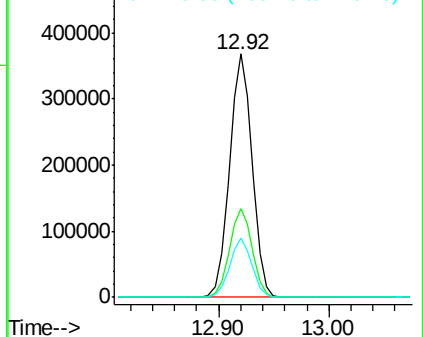
#44
 2-Fluorobiphenyl
 Concen: 49.92 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tgt Ion:172 Resp: 526325
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.1 19.4 29.2

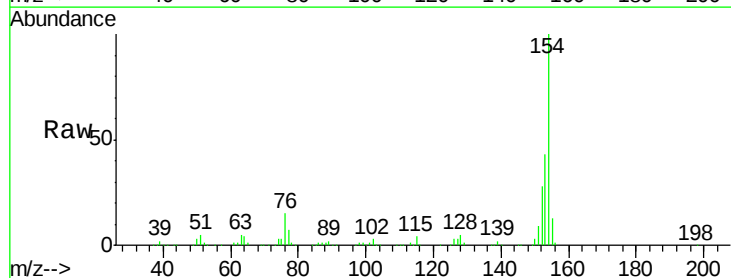


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

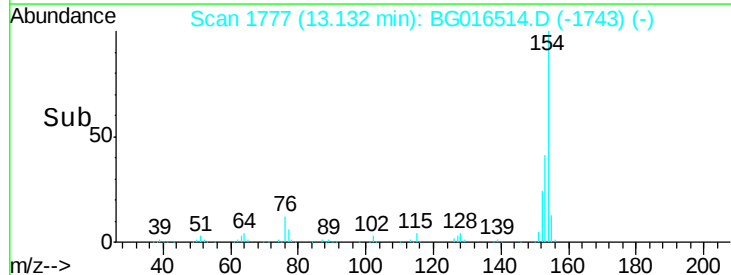
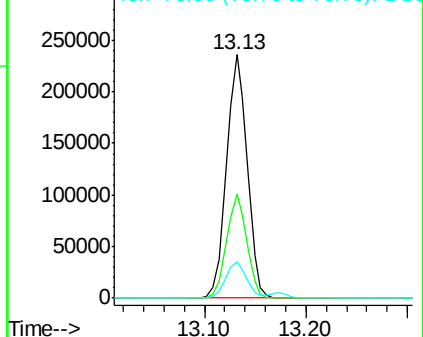


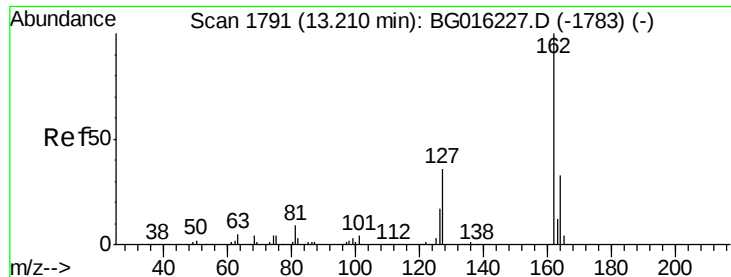
#45
 1,1'-Biphenyl
 Concen: 24.10 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:154 Resp: 331858
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.4 62.4
 76 14.9 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): BG

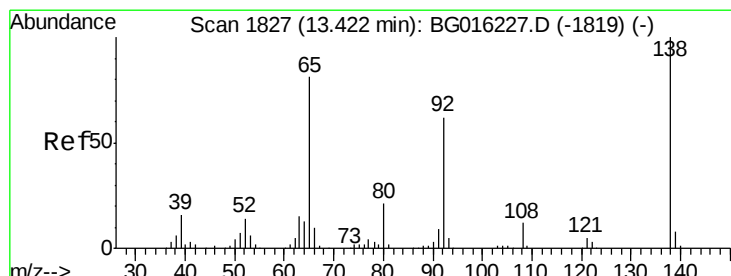
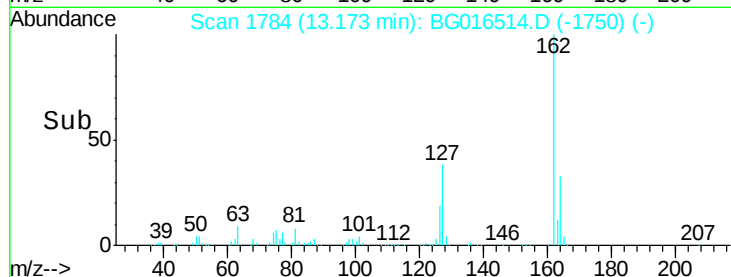
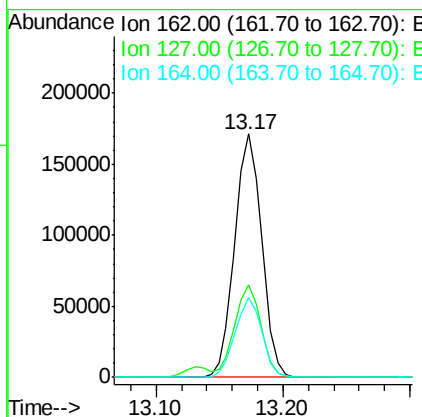
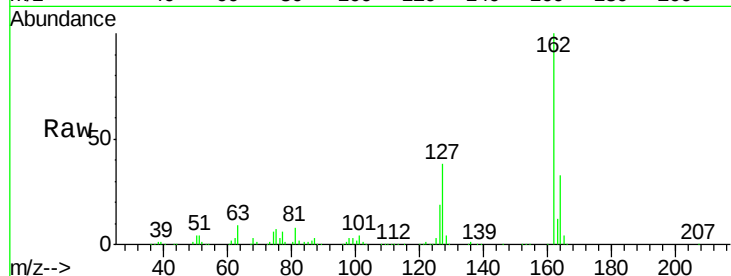




#46
2-Chloronaphthalene
Concen: 24.05 ng
RT: 13.17 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

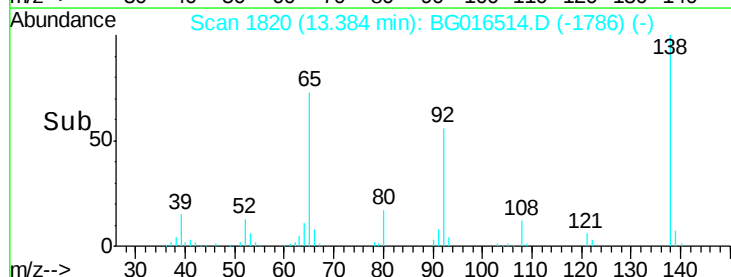
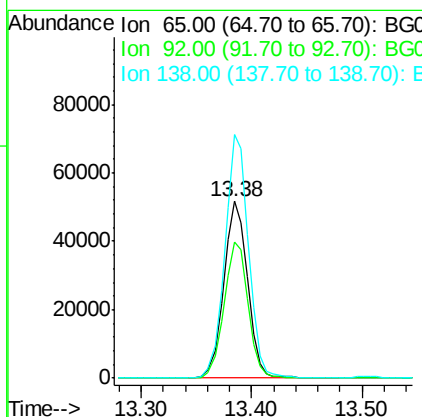
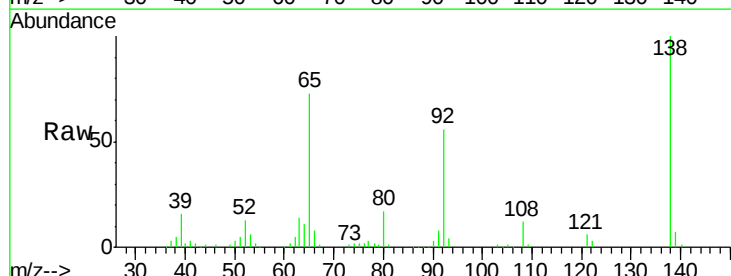
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

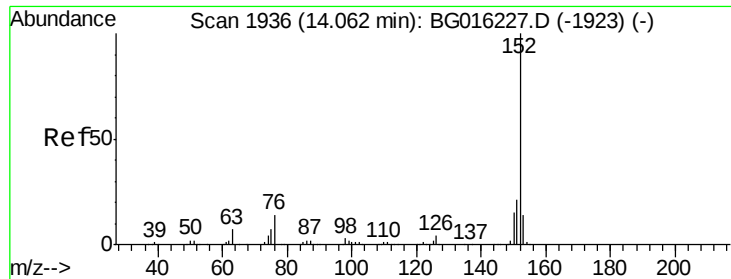
Tgt Ion: 162 Resp: 252243
Ion Ratio Lower Upper
162 100
127 38.2 30.8 46.2
164 32.7 26.6 40.0



#47
2-Nitroaniline
Concen: 23.08 ng
RT: 13.38 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion: 65 Resp: 78025
Ion Ratio Lower Upper
65 100
92 77.1 61.0 91.6
138 137.9 98.7 148.1





#48

Acenaphthylene

Concen: 23.47 ng

RT: 14.02 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

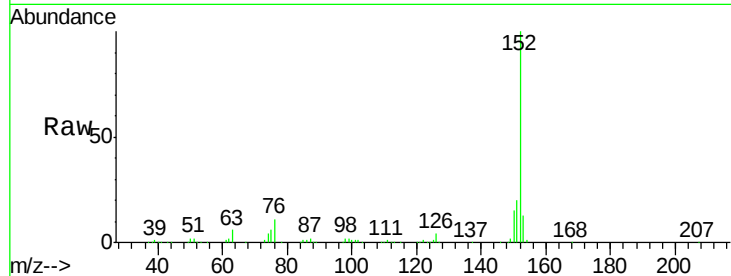
Tgt Ion:152 Resp: 437796

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

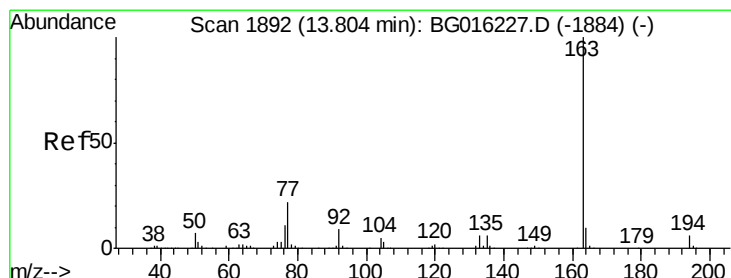
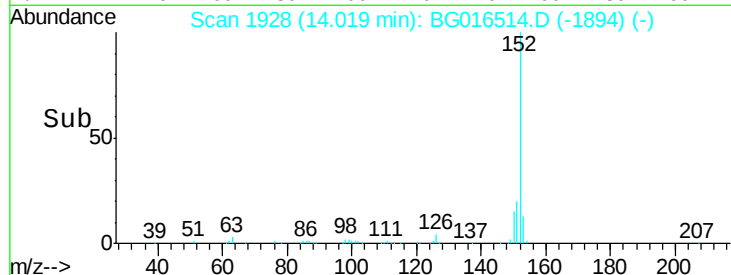
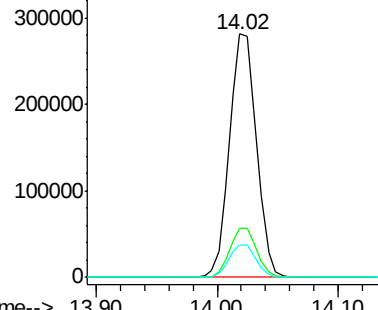
153 13.3 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 25.63 ng

RT: 13.77 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

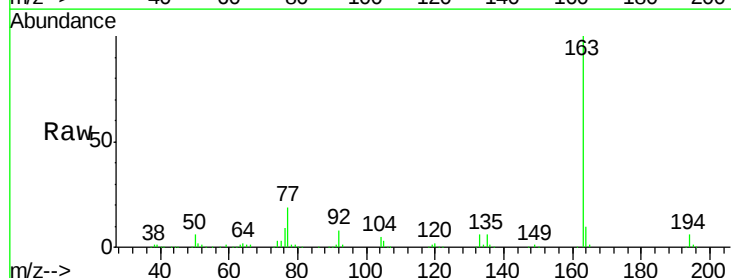
Tgt Ion:163 Resp: 337140

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

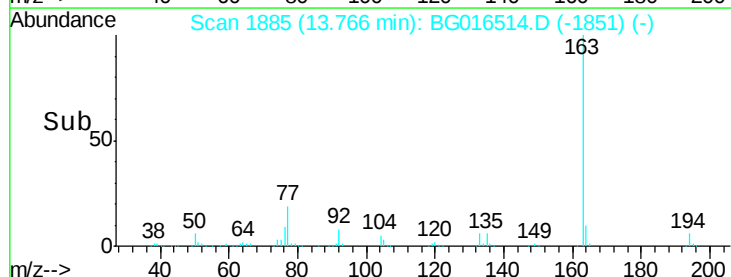
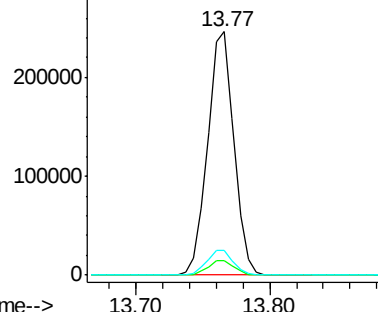
164 10.0 8.2 12.4

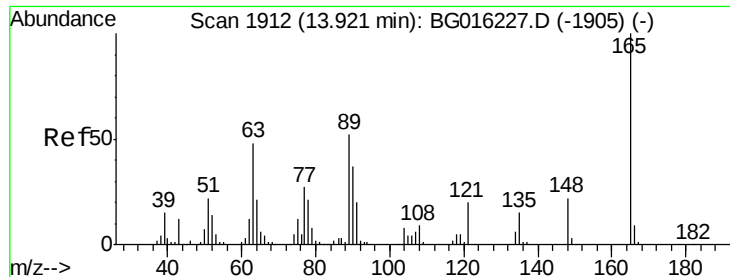


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

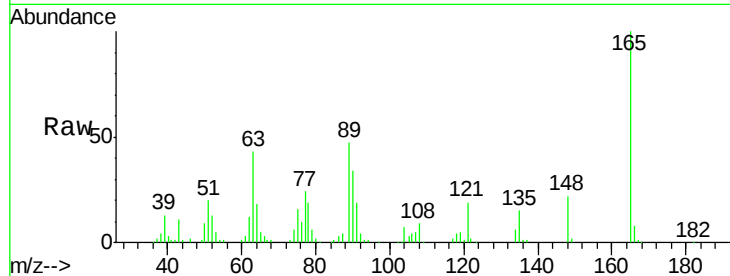




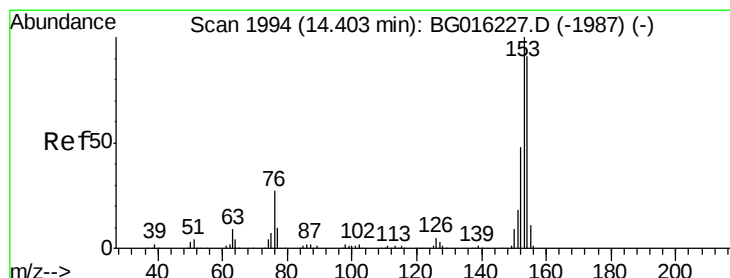
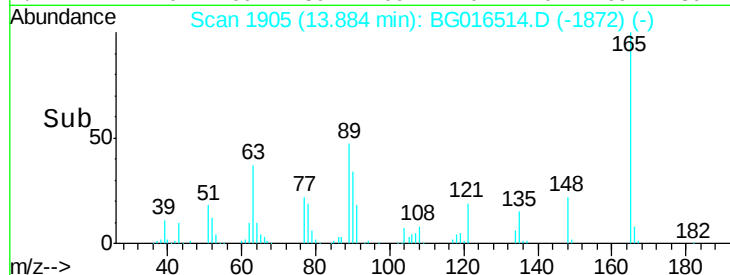
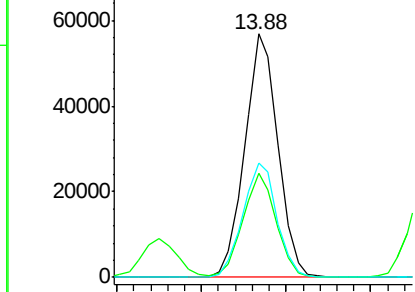
#50
2,6-Dinitrotoluene
Concen: 24.36 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tgt Ion:165 Resp: 77501
Ion Ratio Lower Upper
165 100
63 42.9 39.3 58.9
89 47.0 41.3 61.9

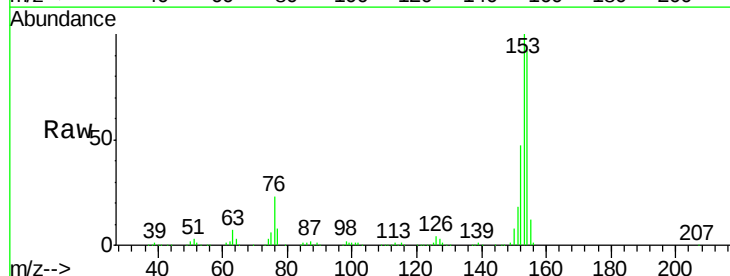


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

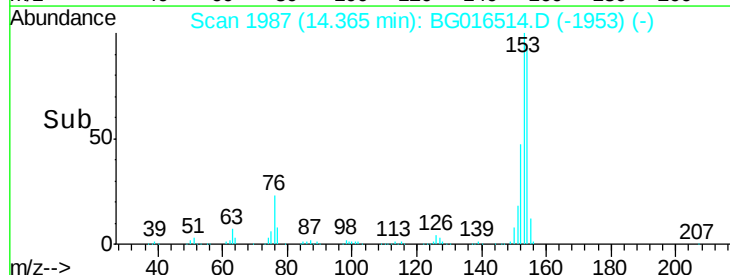
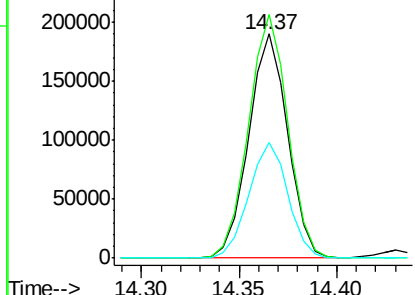


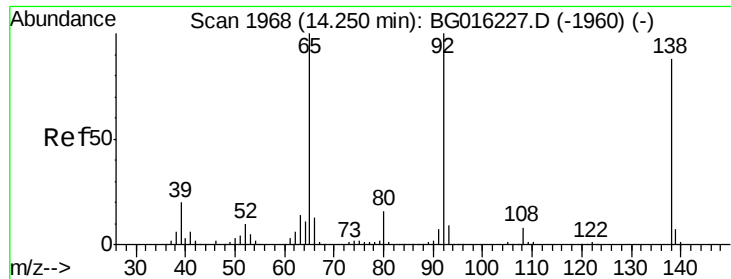
#51
Acenaphthene
Concen: 23.52 ng
RT: 14.37 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:154 Resp: 262179
Ion Ratio Lower Upper
154 100
153 108.5 87.5 131.3
152 51.4 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

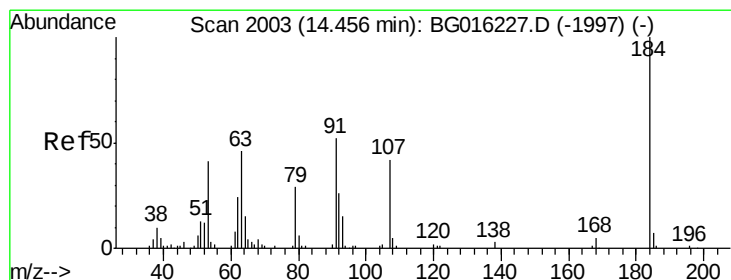
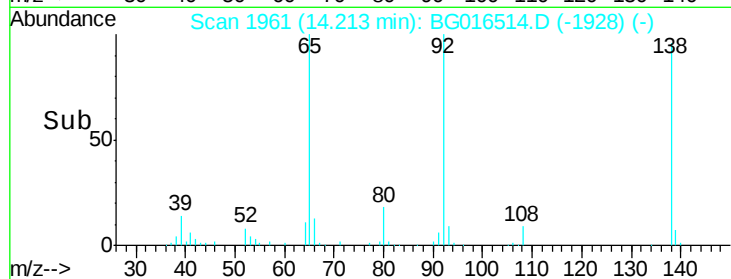
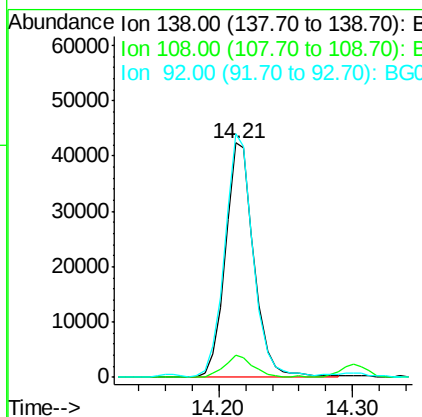
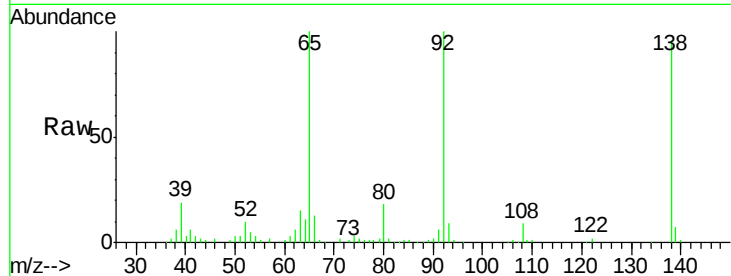




#52
 3-Nitroaniline
 Concen: 15.60 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

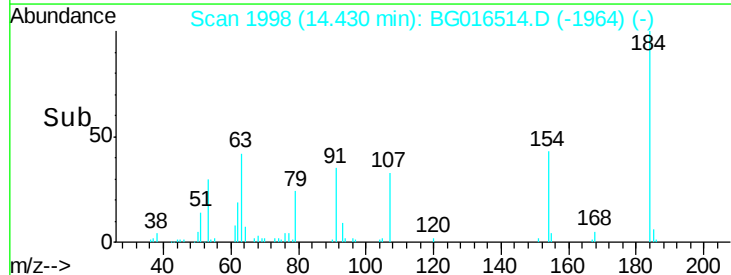
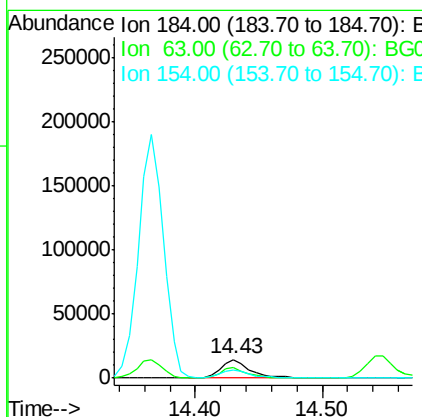
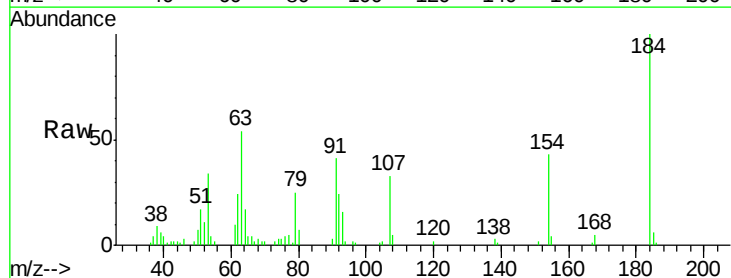
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

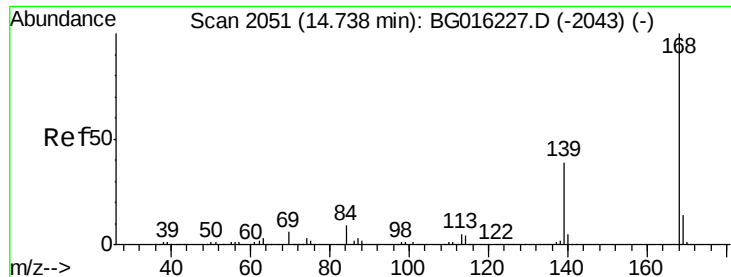
Tgt Ion:138 Resp: 63391
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.0
 92 104.0 91.4 137.0



#53
 2,4-Dinitrophenol
 Concen: 19.93 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:184 Resp: 23954
 Ion Ratio Lower Upper
 184 100
 63 53.9 45.8 68.6
 154 42.9 34.5 51.7

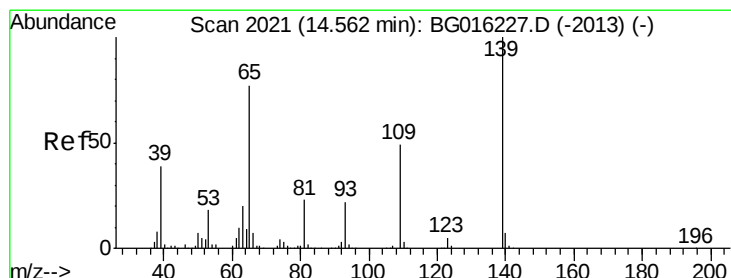
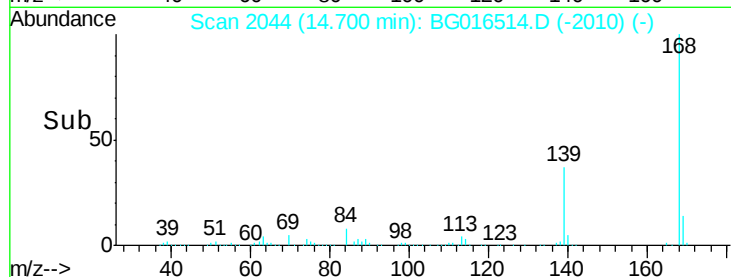
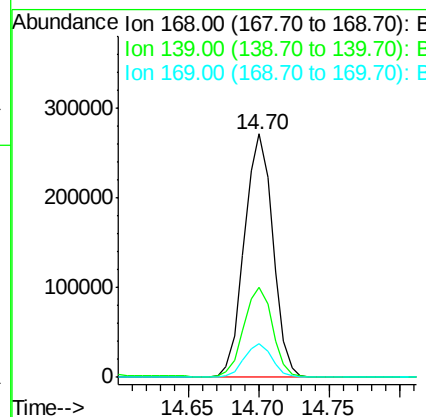
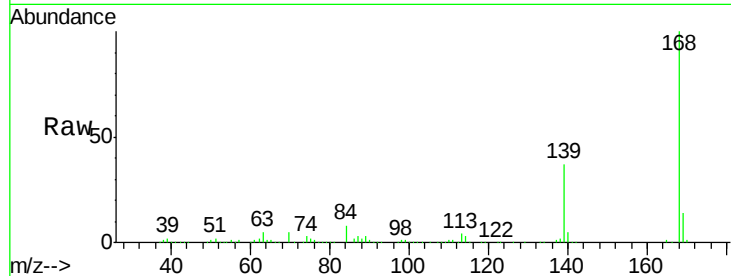




#54
Dibenzenofuran
Concen: 24.91 ng
RT: 14.70 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

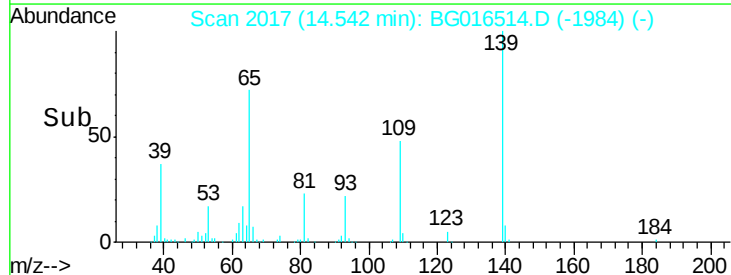
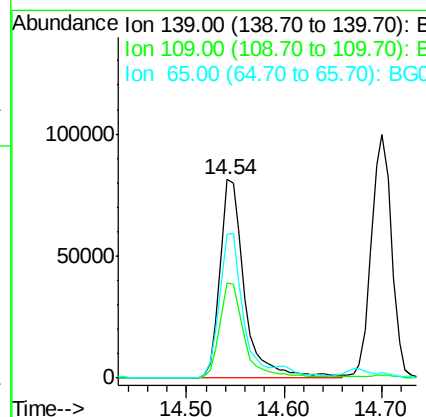
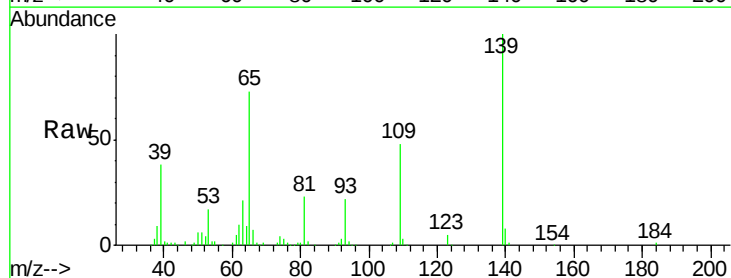
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

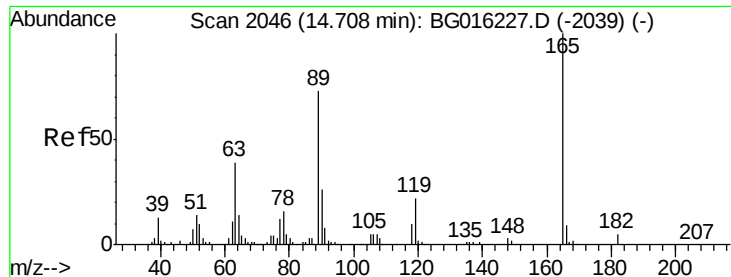
Tgt Ion:168 Resp: 385235
Ion Ratio Lower Upper
168 100
139 36.7 31.0 46.6
169 13.6 11.2 16.8



#55
4-Nitrophenol
Concen: 42.65 ng
RT: 14.54 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:139 Resp: 143229
Ion Ratio Lower Upper
139 100
109 47.7 28.5 68.5
65 72.7 56.9 96.9

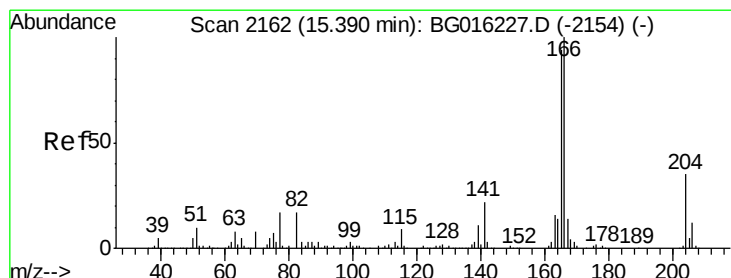
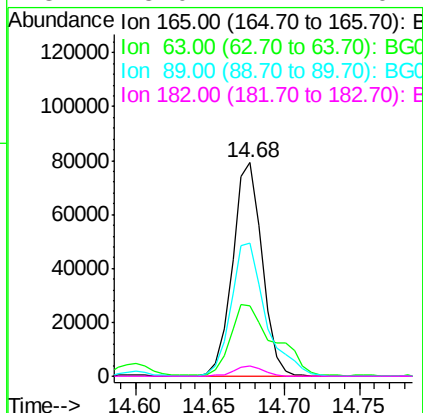
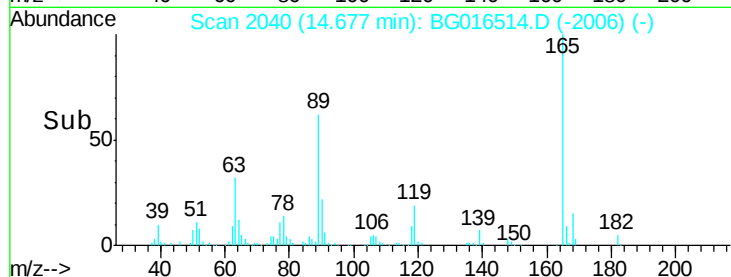
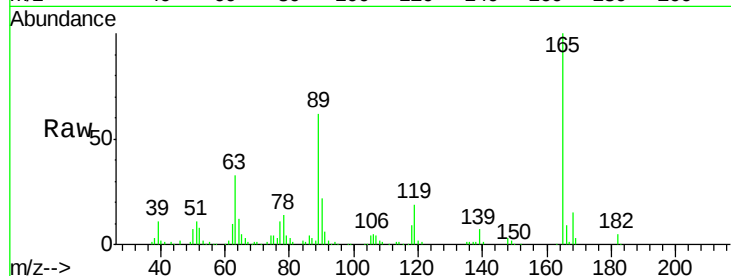




#56
2,4-Dinitrotoluene
Concen: 25.30 ng
RT: 14.68 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

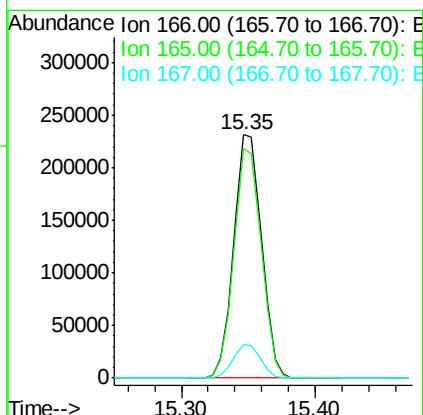
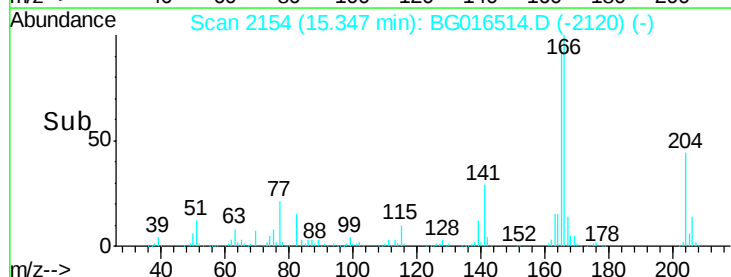
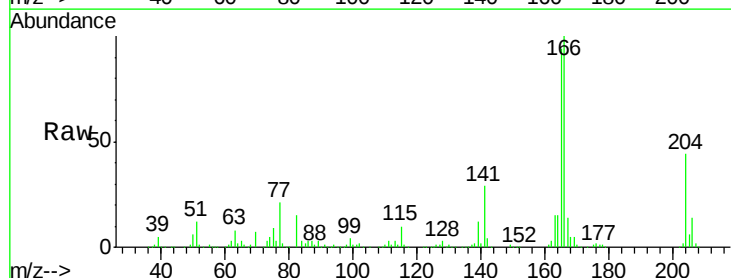
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

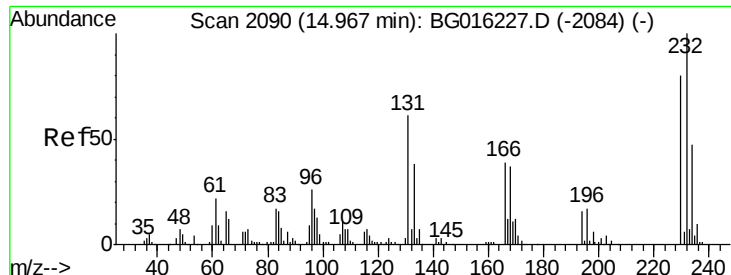
Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.9	31.4	47.2
89	62.3	58.8	88.2
182	5.0	4.1	6.1



#57
Fluorene
Concen: 24.55 ng
RT: 15.35 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.3	75.2	112.8
167	14.1	11.3	16.9

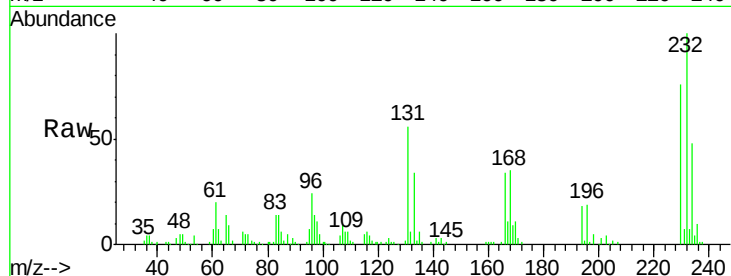




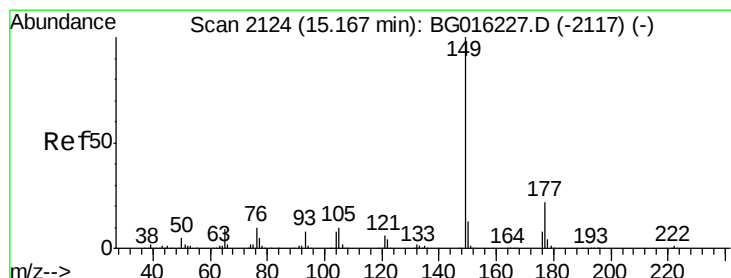
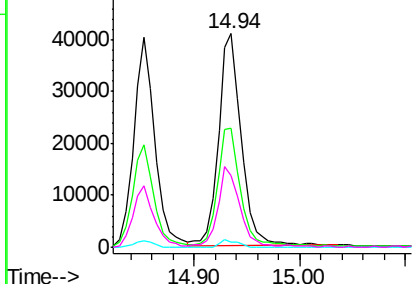
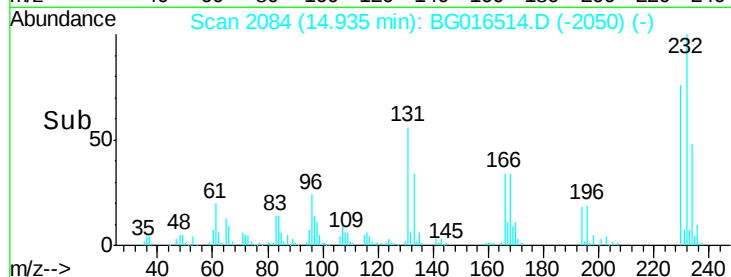
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.44 ng
 RT: 14.94 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

Tgt Ion:	232	Resp:	61611
Ion	Ratio	Lower	Upper
232	100		
131	56.0	49.8	74.6
130	2.6	2.6	3.8
166	34.6	30.6	45.8

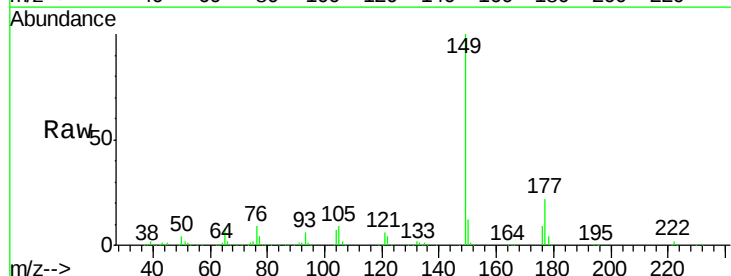


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

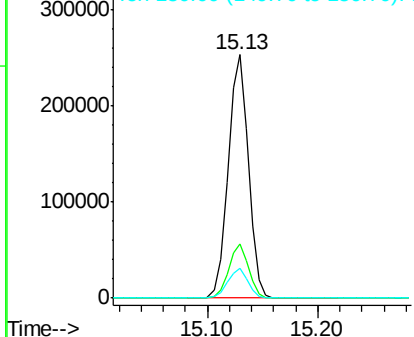
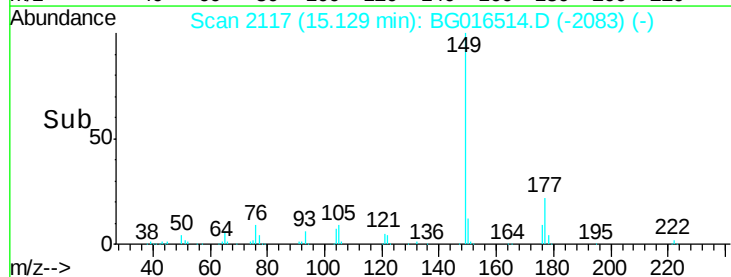


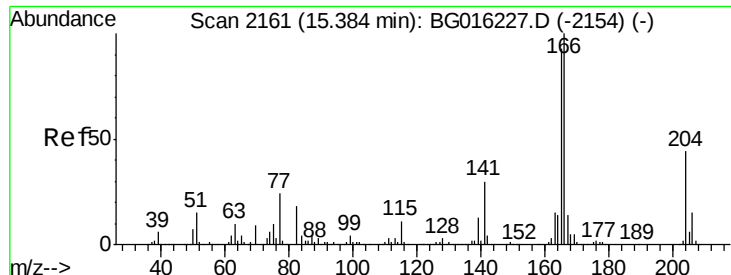
#59
 Diethylphthalate
 Concen: 23.10 ng
 RT: 15.13 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:	149	Resp:	323535
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.1	10.0	15.0



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

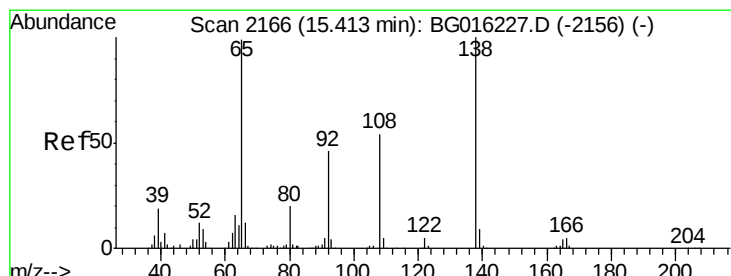
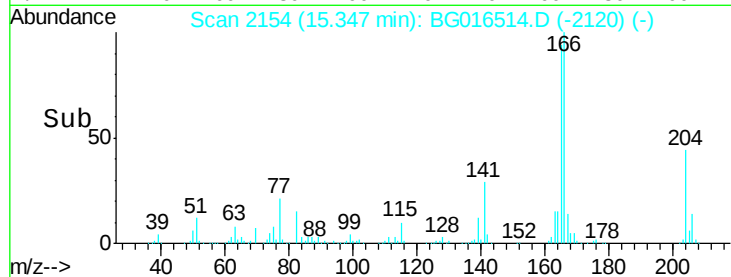
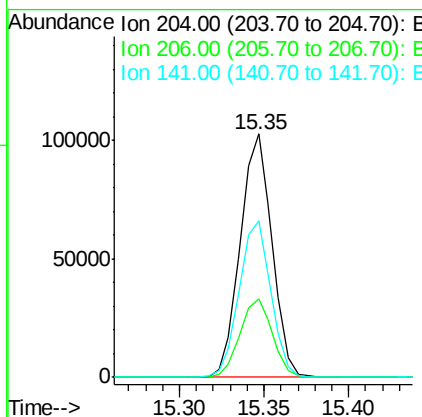
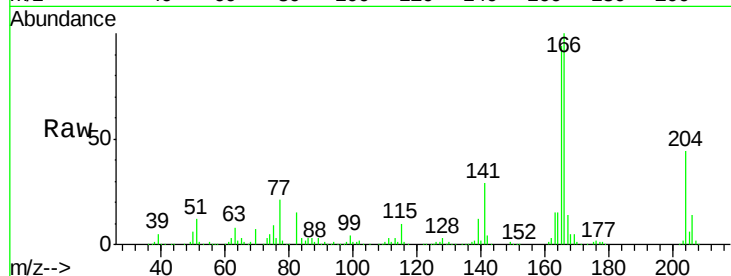




#60
 4-Chlorophenyl-phenylether
 Concen: 24.03 ng
 RT: 15.35 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

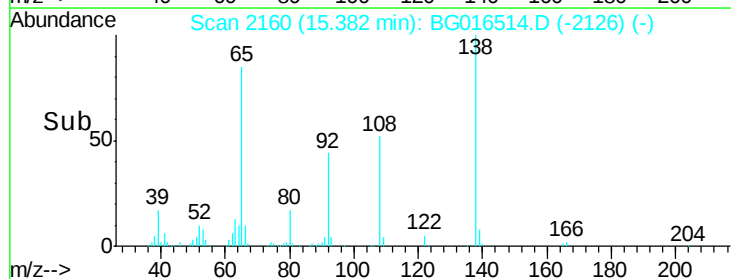
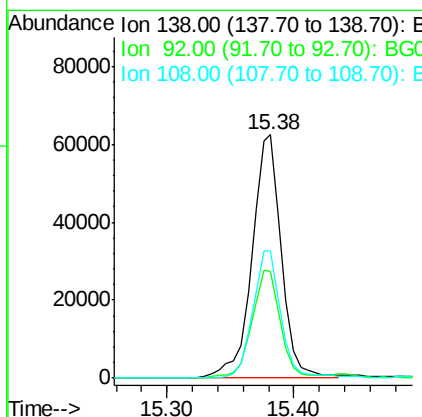
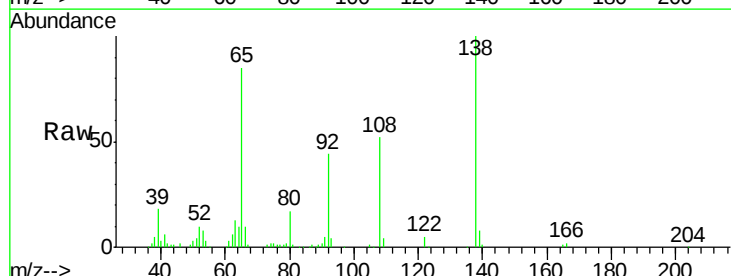
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

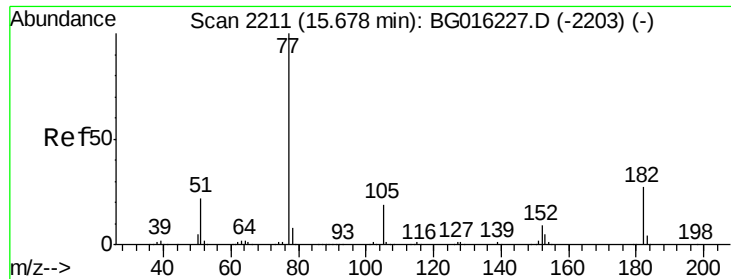
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	27.6	41.4
141	64.5	55.4	83.2



#61
 4-Nitroaniline
 Concen: 21.88 ng
 RT: 15.38 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	26.3	66.3
108	52.3	33.6	73.6





#62

Azobenzene

Concen: 22.58 ng

RT: 15.63 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

Tgt Ion: 77 Resp: 336549

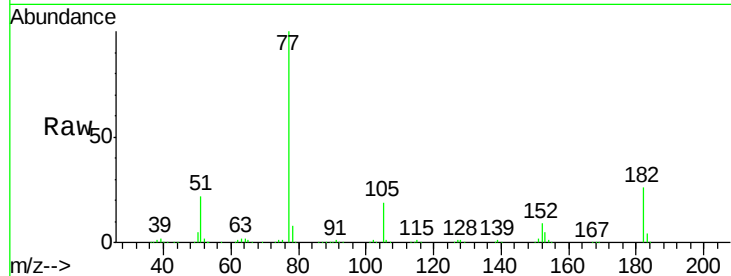
Ion Ratio Lower Upper

77 100

182 26.4 6.6 46.6

105 19.1 0.0 39.2

51 21.7 2.0 42.0

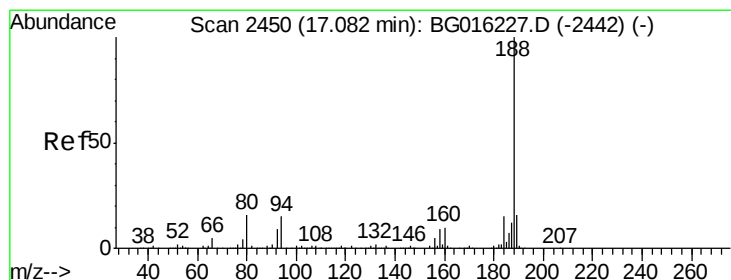
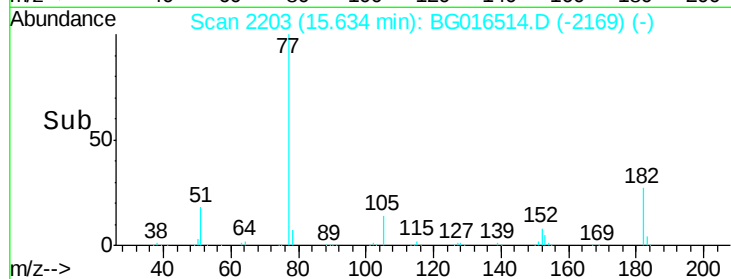
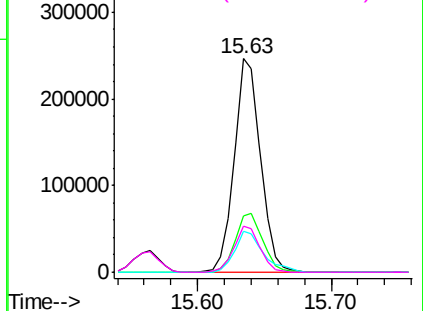


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

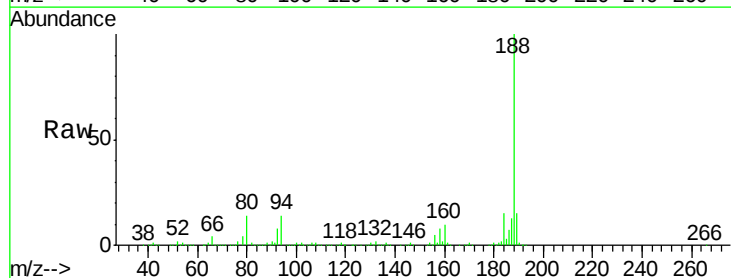
Tgt Ion: 188 Resp: 376526

Ion Ratio Lower Upper

188 100

94 13.5 12.2 18.4

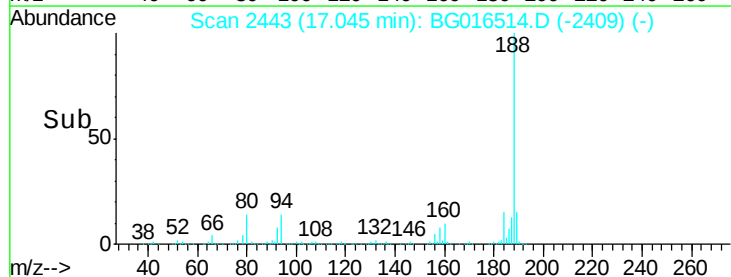
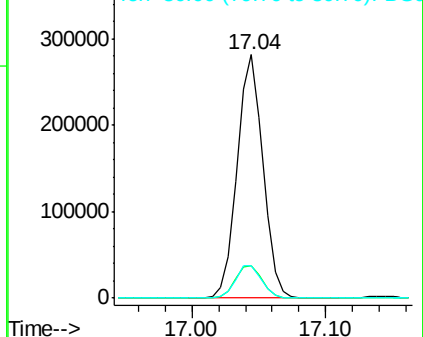
80 13.5 12.8 19.2

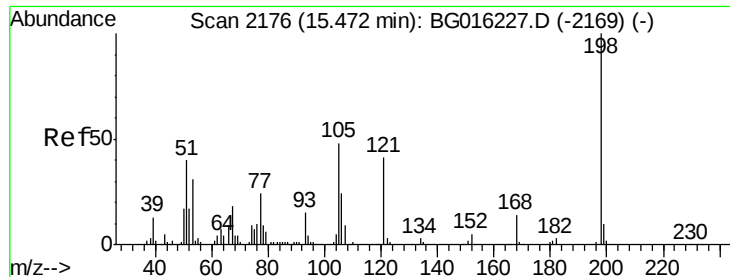


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

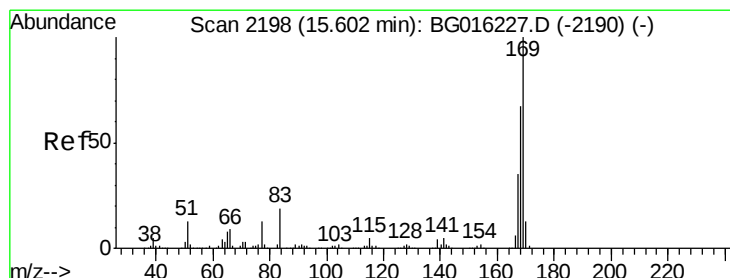
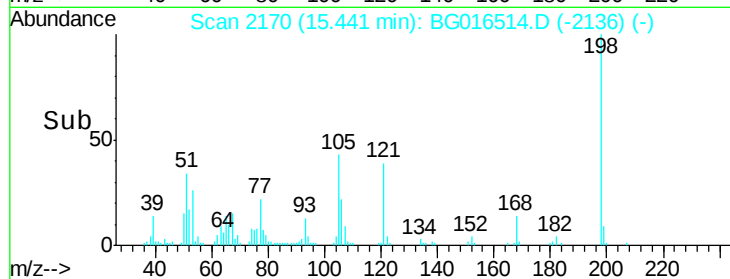
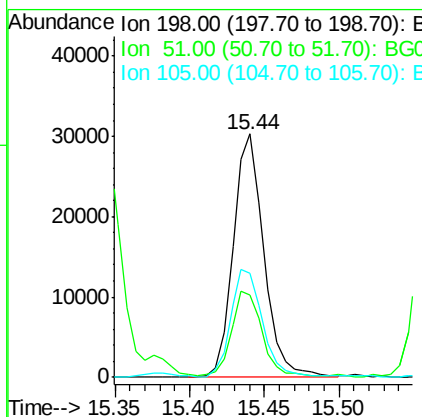
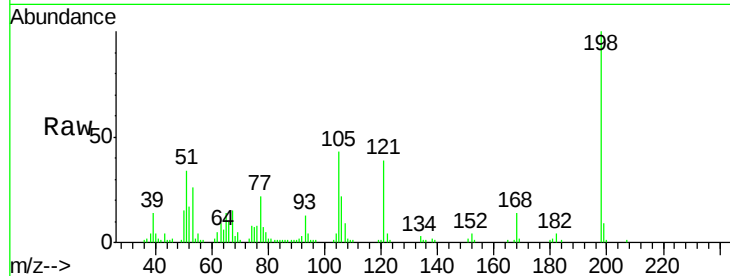




#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.96 ng
 RT: 15.44 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

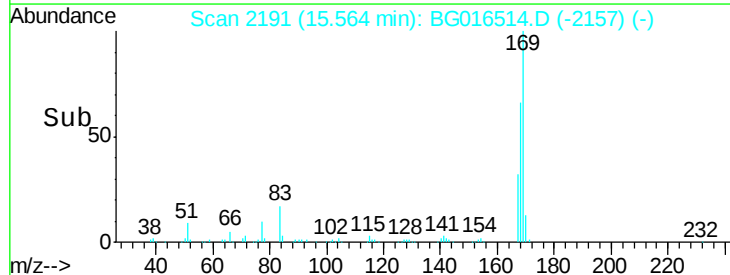
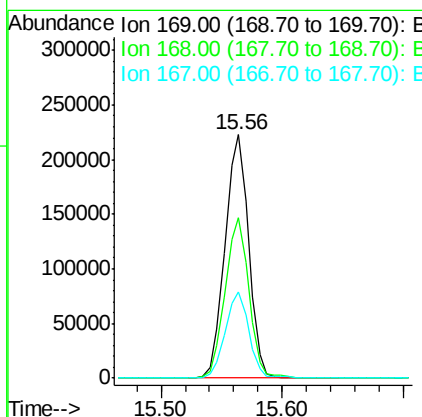
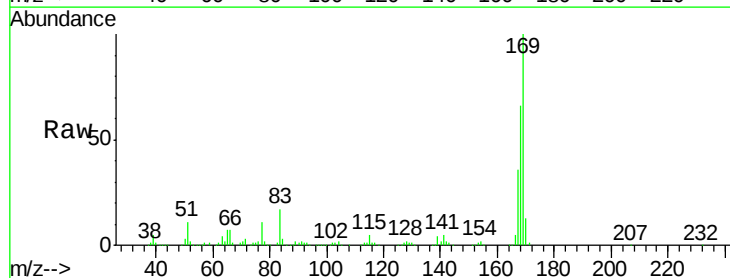
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

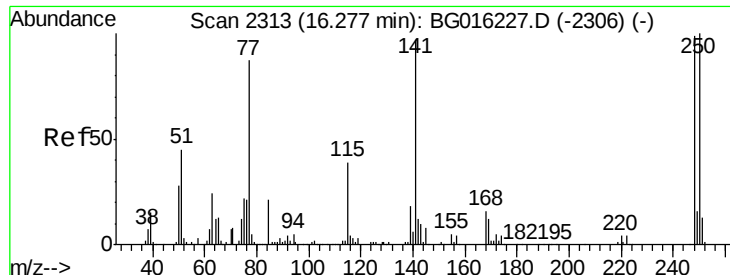
Tgt Ion:198 Resp: 43473
 Ion Ratio Lower Upper
 198 100
 51 34.0 20.7 60.7
 105 42.6 28.8 68.8



#65
 n-Nitrosodiphenylamine
 Concen: 23.67 ng
 RT: 15.56 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion:169 Resp: 301253
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.4 80.0
 167 35.6 28.3 42.5

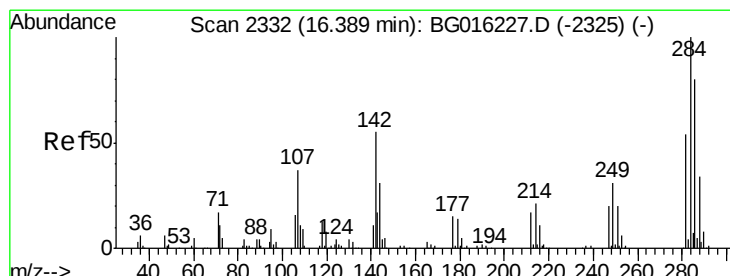
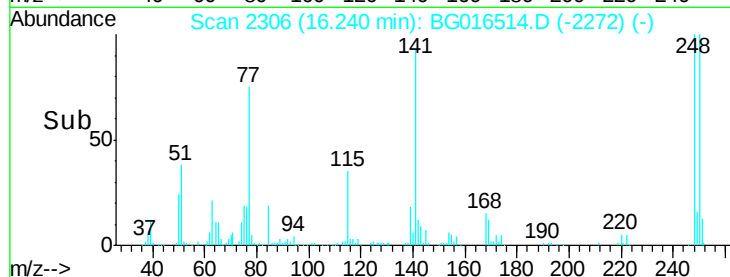
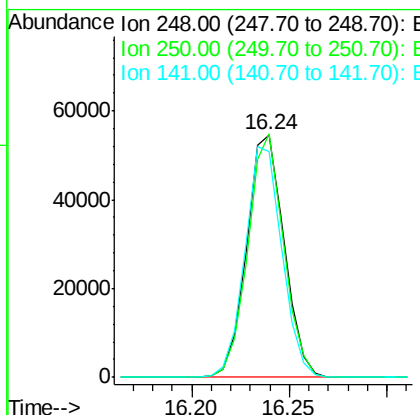
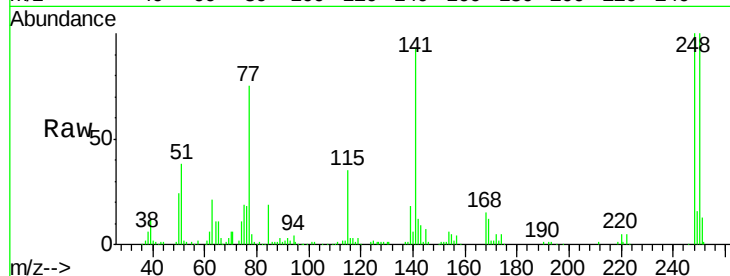




#66
 4-Bromophenyl-phenylether
 Concen: 24.06 ng
 RT: 16.24 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

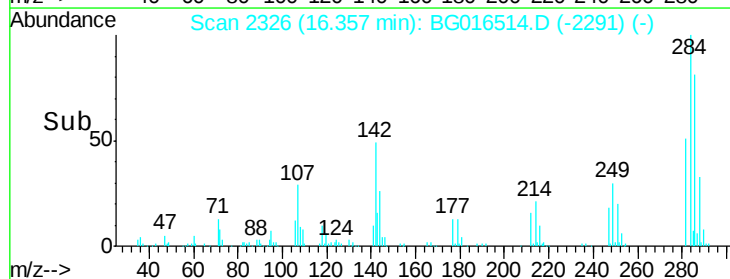
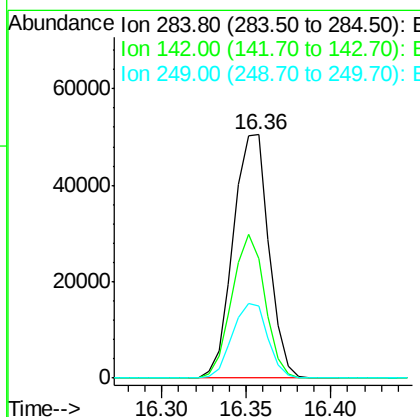
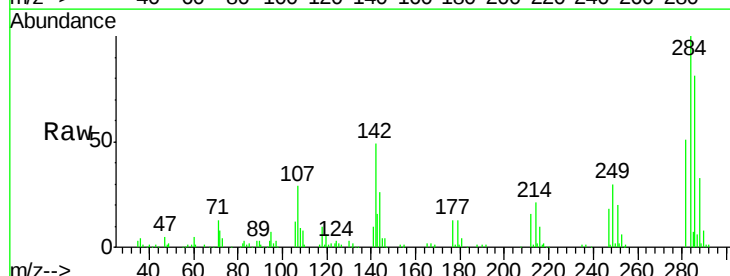
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

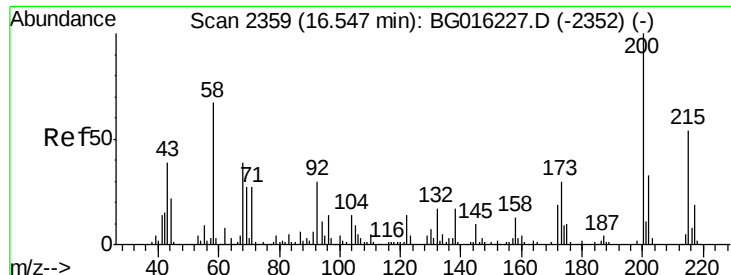
Tgt Ion: 248 Resp: 72318
 Ion Ratio Lower Upper
 248 100
 250 100.3 80.5 120.7
 141 92.8 78.2 117.4



#67
 Hexachlorobenzene
 Concen: 23.68 ng
 RT: 16.36 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion: 284 Resp: 73976
 Ion Ratio Lower Upper
 284 100
 142 49.0 44.2 66.2
 249 29.6 24.8 37.2





#68

Atrazine

Concen: 26.52 ng

RT: 16.52 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

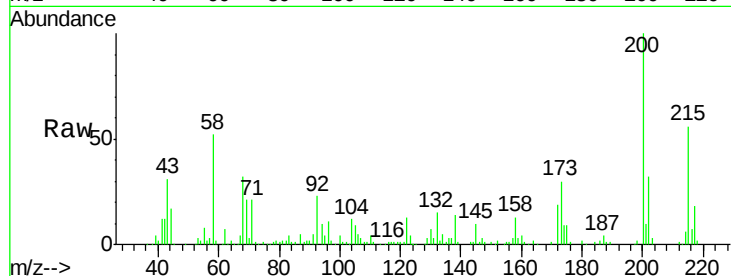
Tgt Ion:200 Resp: 94078

Ion Ratio Lower Upper

200 100

173 30.3 10.2 50.2

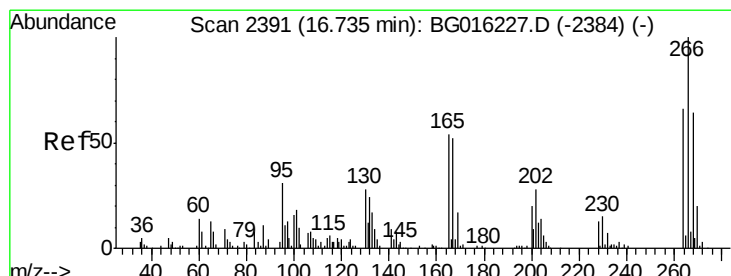
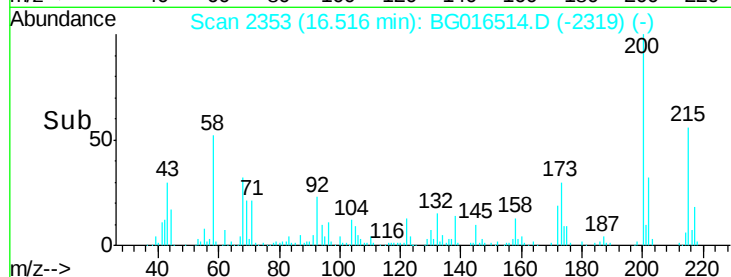
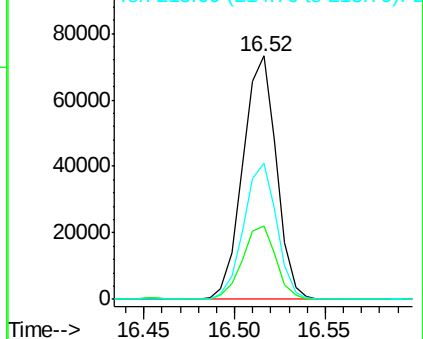
215 56.1 34.4 74.4



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: 37.15 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

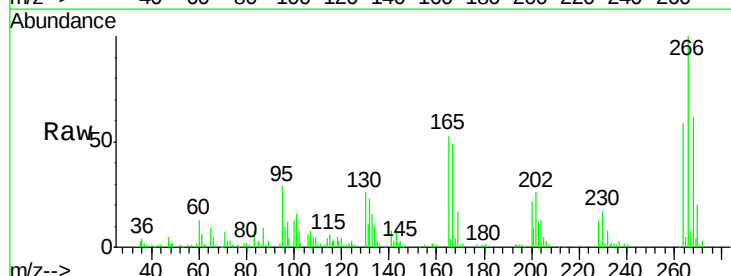
Tgt Ion:266 Resp: 70886

Ion Ratio Lower Upper

266 100

268 62.1 50.9 76.3

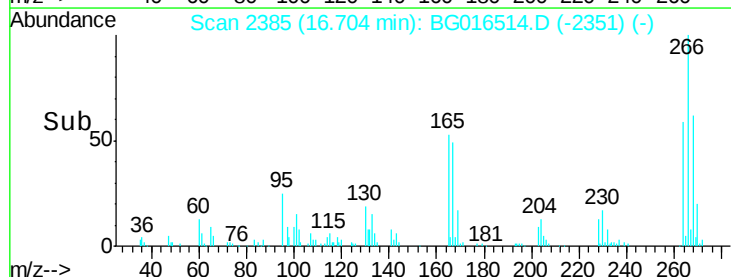
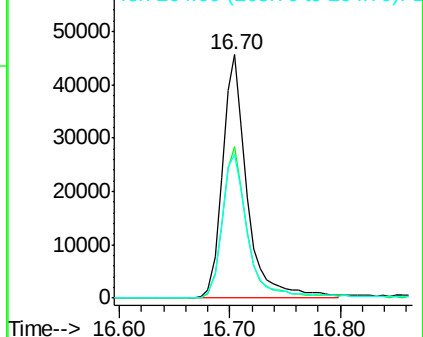
264 59.3 52.8 79.2

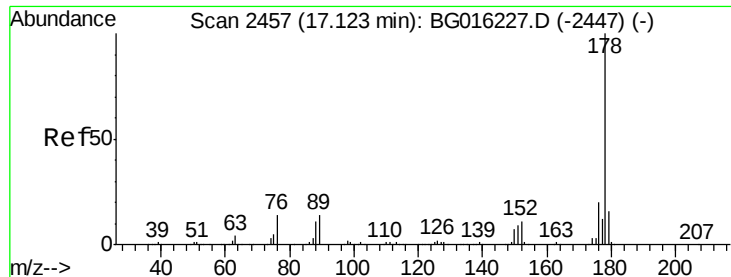


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 24.22 ng

RT: 17.09 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

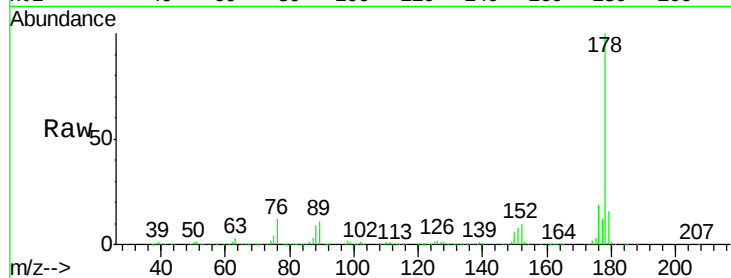
Tgt Ion:178 Resp: 512918

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

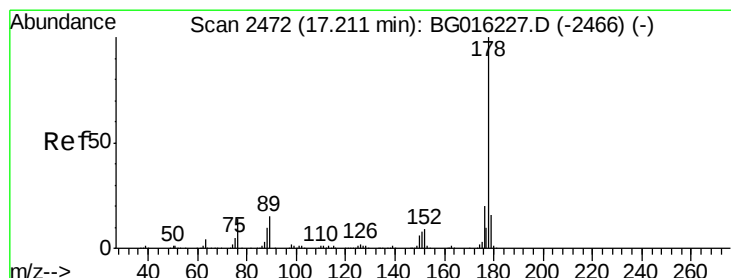
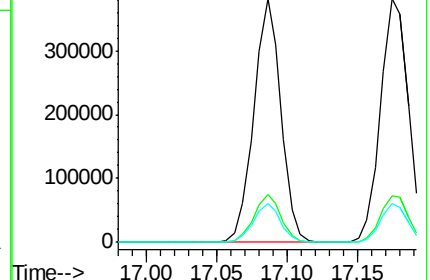
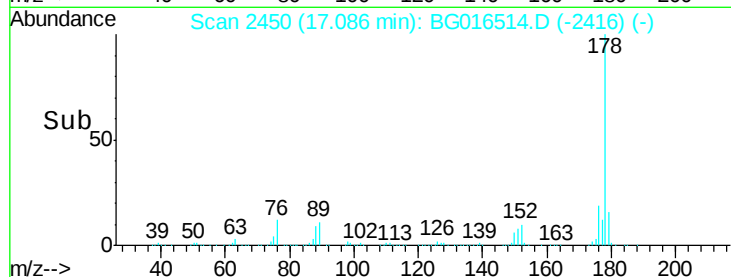
179 15.9 12.7 19.1



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: 24.87 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

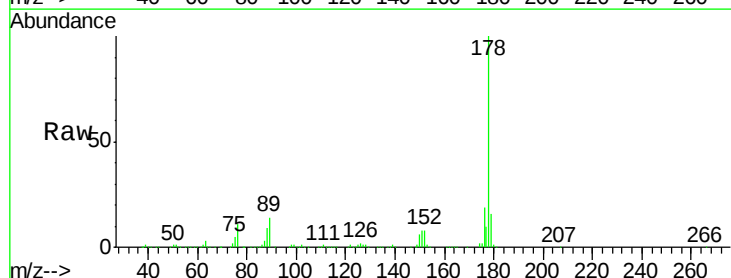
Tgt Ion:178 Resp: 522059

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

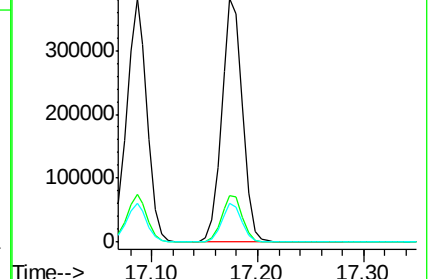
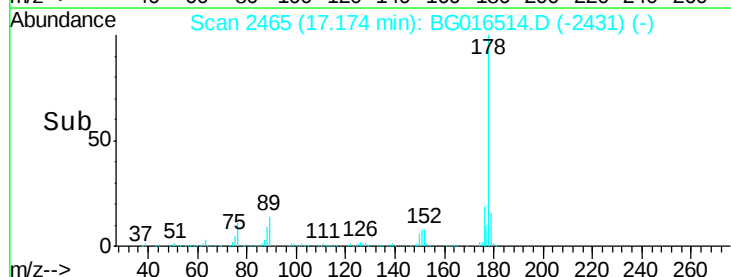
179 16.1 13.0 19.6

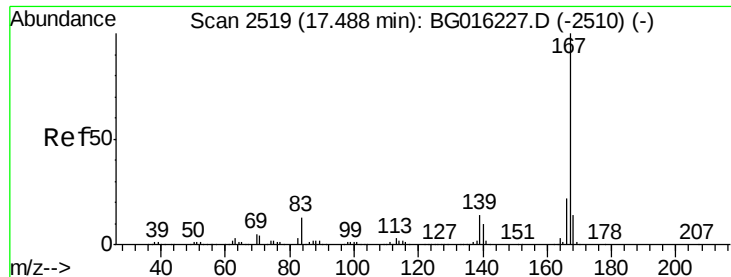


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.70 ng

RT: 17.45 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

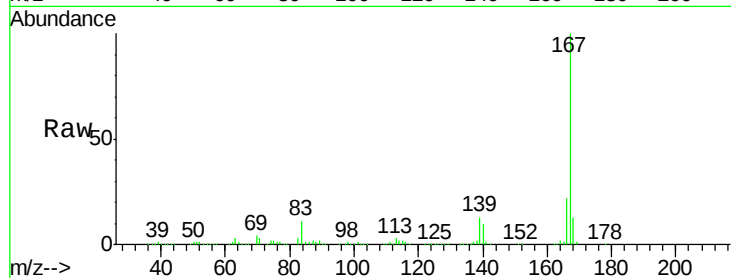
Tgt Ion:167 Resp: 541354

Ion Ratio Lower Upper

167 100

166 21.6 17.9 26.9

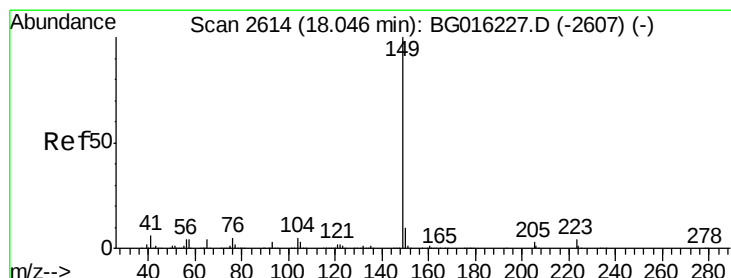
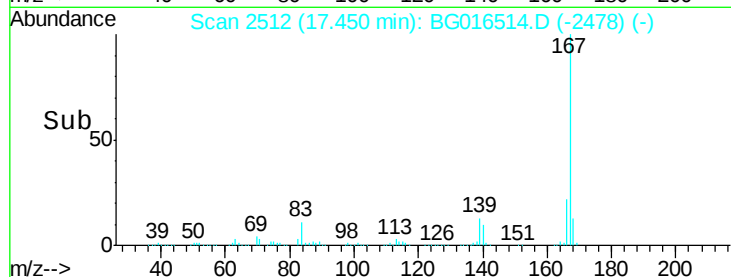
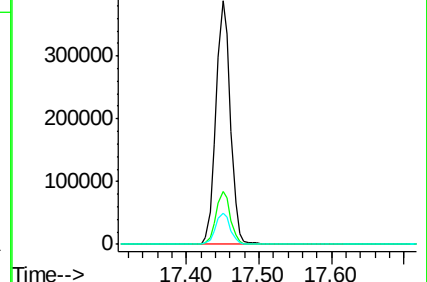
139 13.0 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 24.85 ng

RT: 18.01 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

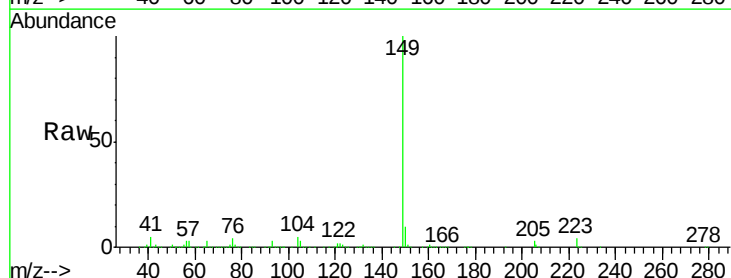
Tgt Ion:149 Resp: 640603

Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.4

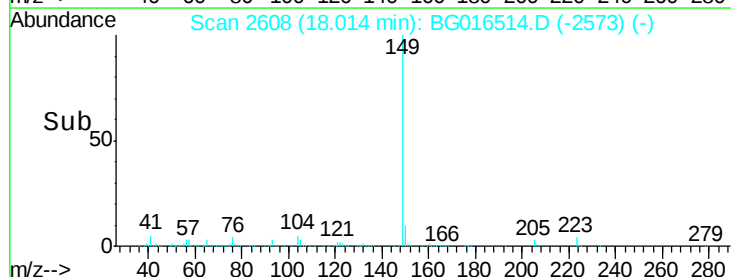
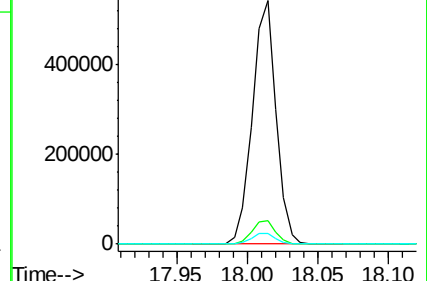
104 4.5 4.0 6.0

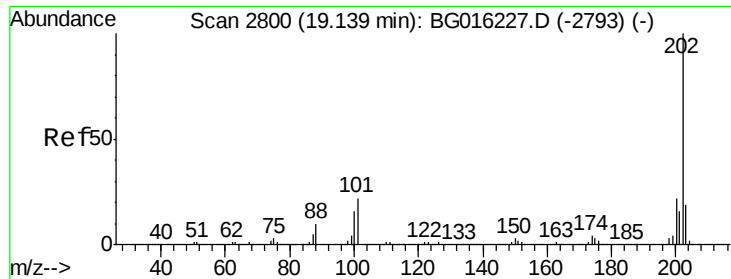


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

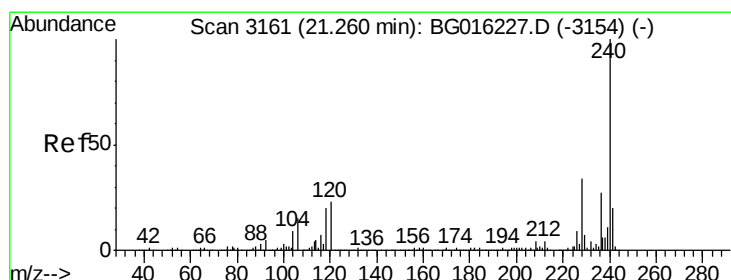
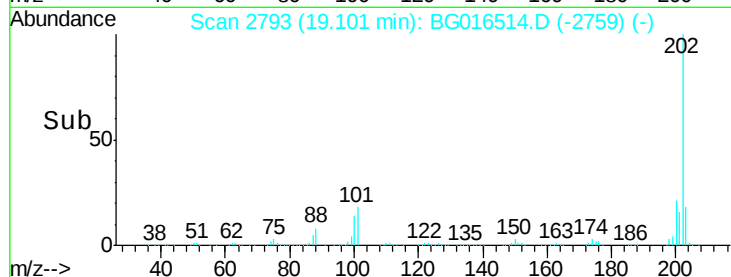
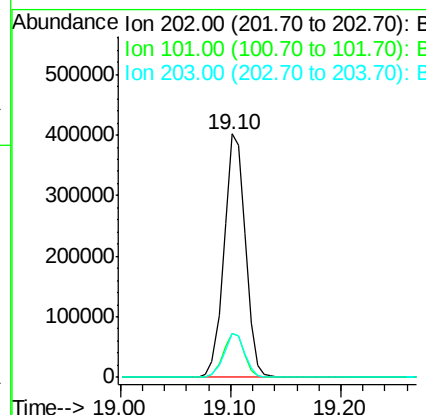
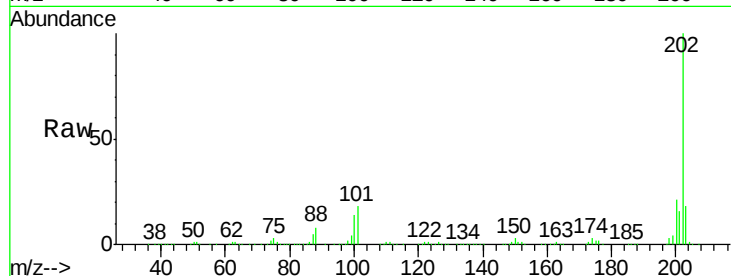




#74
 Fluoranthene
 Concen: 24.77 ng
 RT: 19.10 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

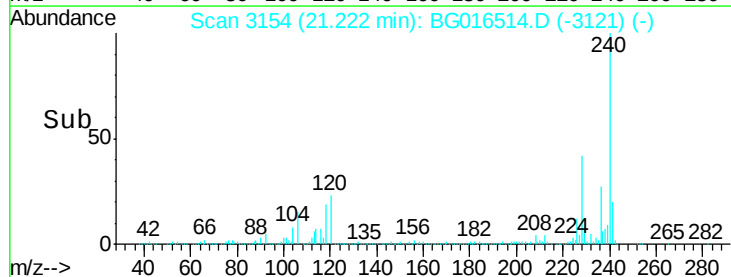
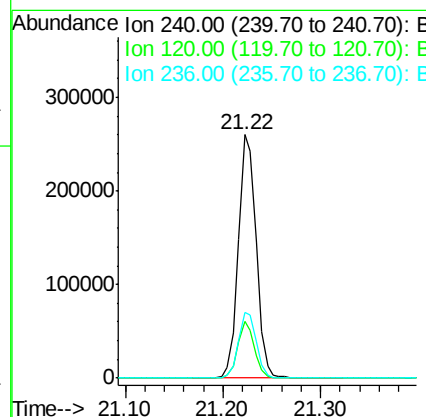
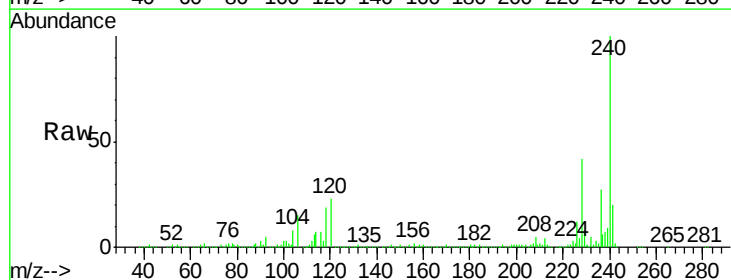
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

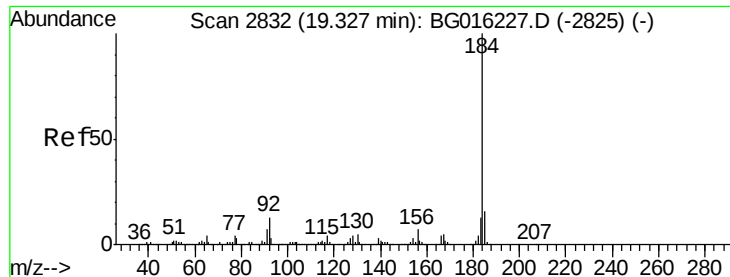
Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	1.7	41.7
203	18.2	0.0	38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	23.4	18.6	28.0
236	27.2	21.7	32.5





#76

Benzidine

Concen: 13.40 ng

RT: 19.29 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

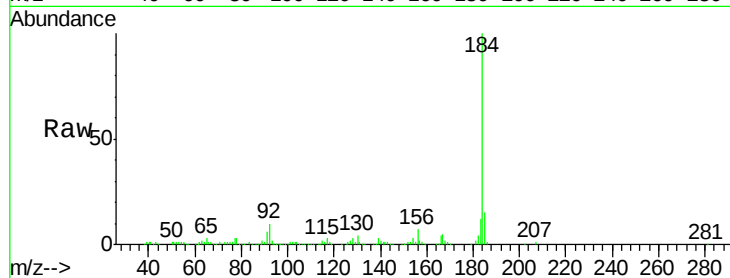
Tgt Ion:184 Resp: 186590

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

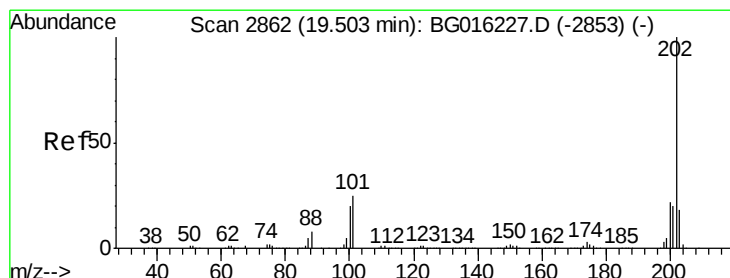
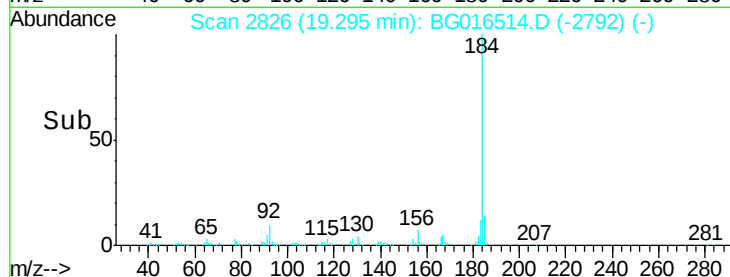
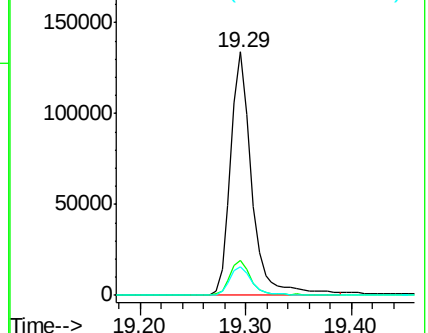
183 11.9 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 24.63 ng

RT: 19.47 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

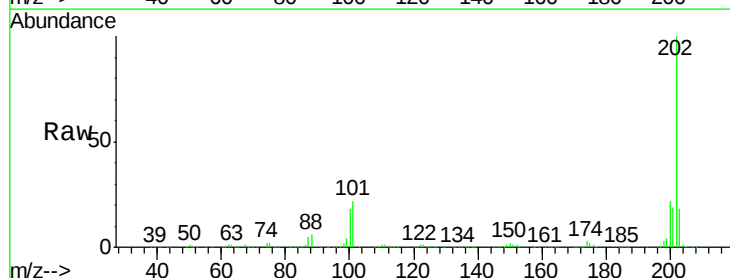
Tgt Ion:202 Resp: 563054

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.8

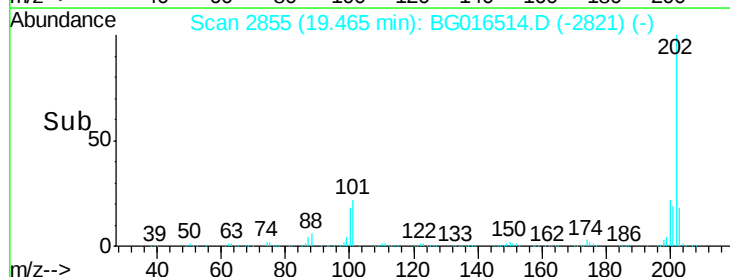
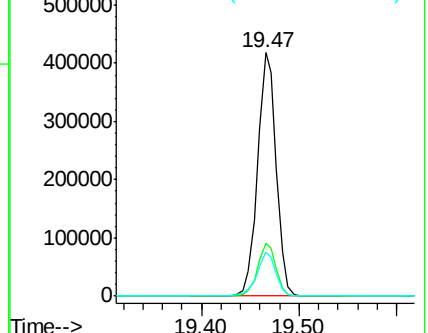
203 18.1 14.7 22.1

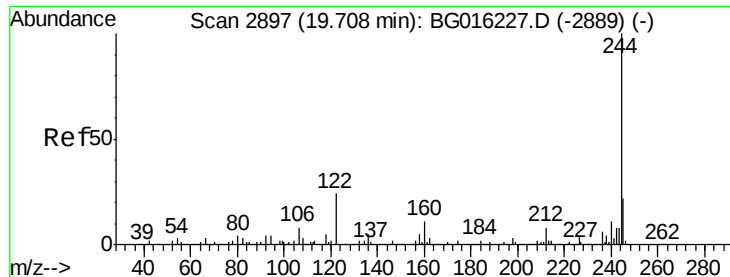


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.63 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

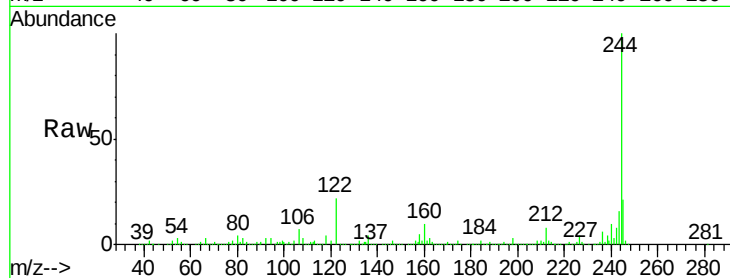
Tgt Ion:244 Resp: 654138

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

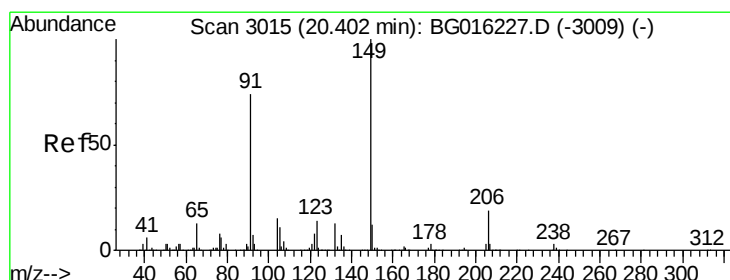
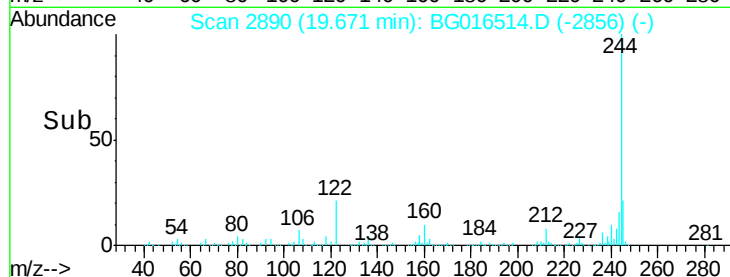
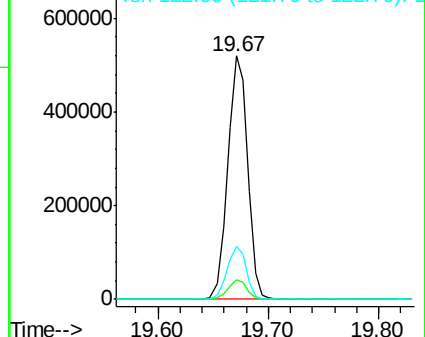
122 21.9 19.1 28.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 26.03 ng

RT: 20.36 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

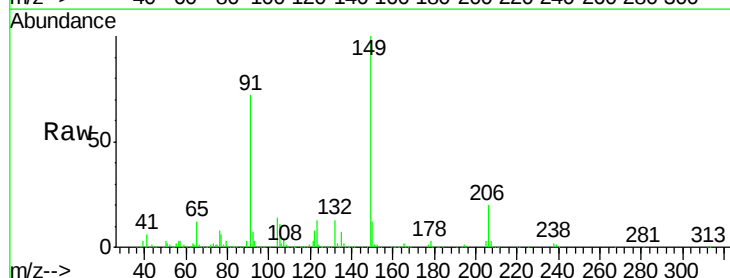
Tgt Ion:149 Resp: 292385

Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.2

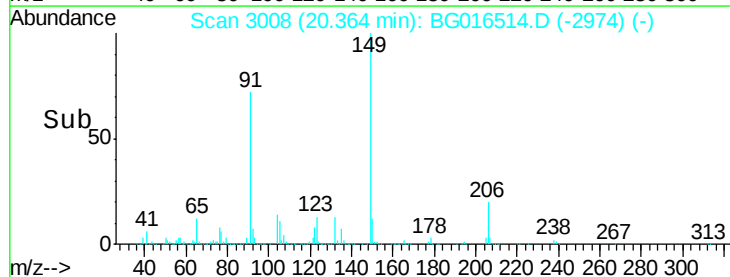
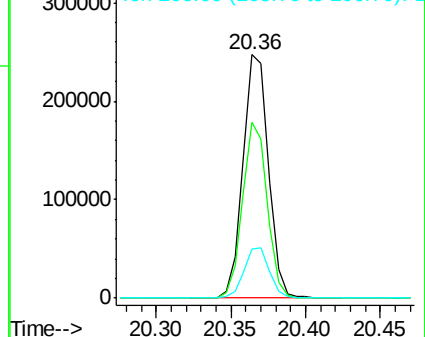
206 20.2 15.6 23.4

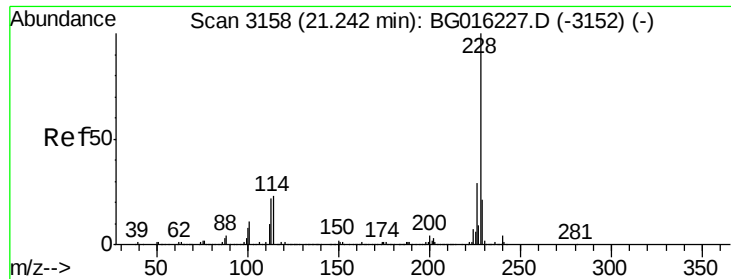


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 24.77 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

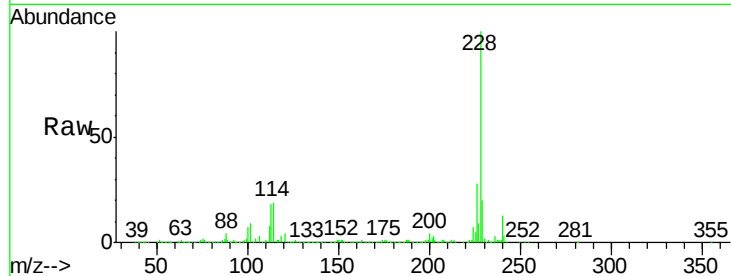
Tgt Ion:228 Resp: 480729

Ion Ratio Lower Upper

228 100

226 28.1 23.5 35.3

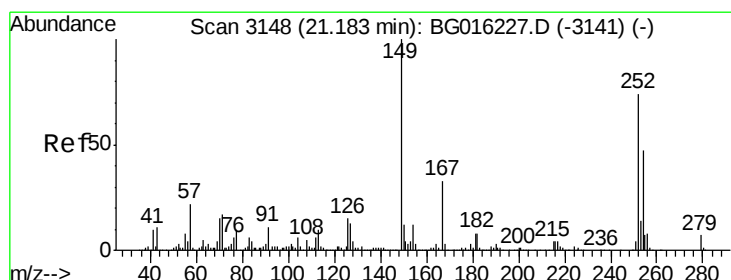
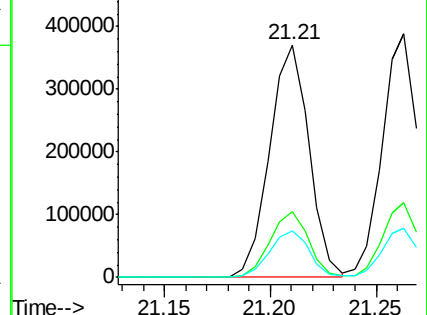
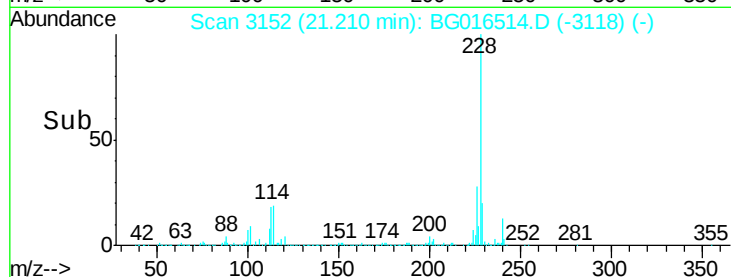
229 20.2 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 13.44 ng

RT: 21.15 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

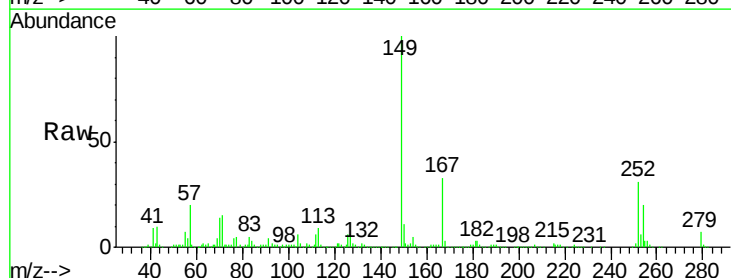
Tgt Ion:252 Resp: 85751

Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

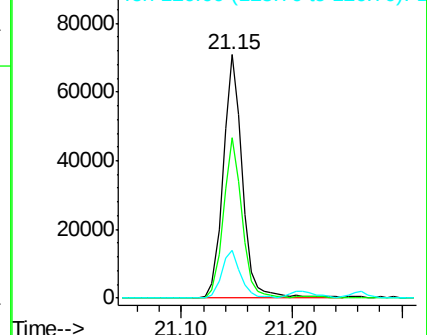
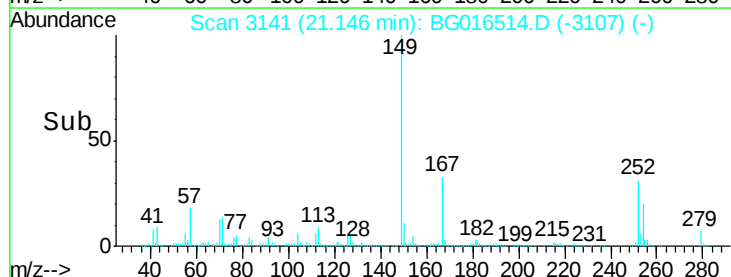
126 19.4 16.0 24.0

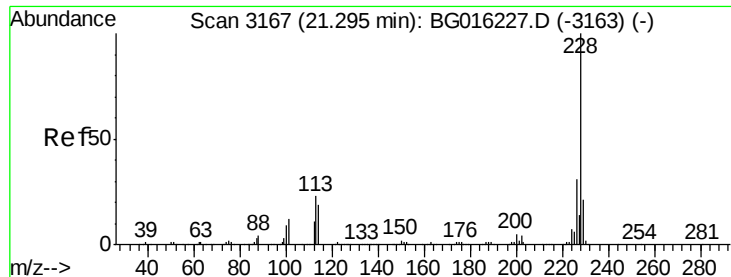


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

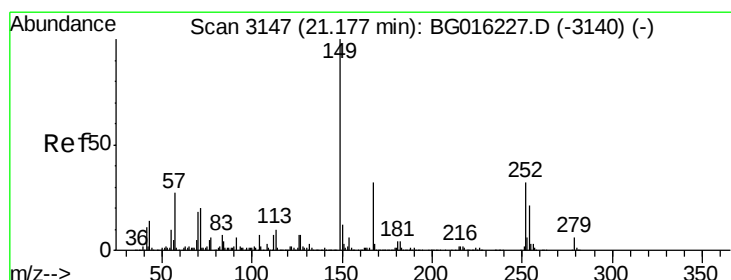
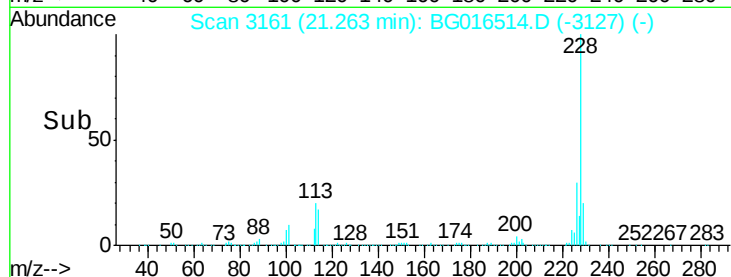
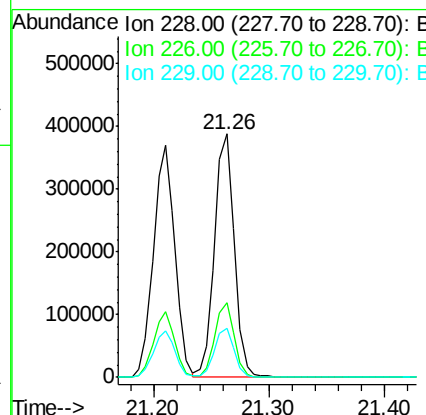
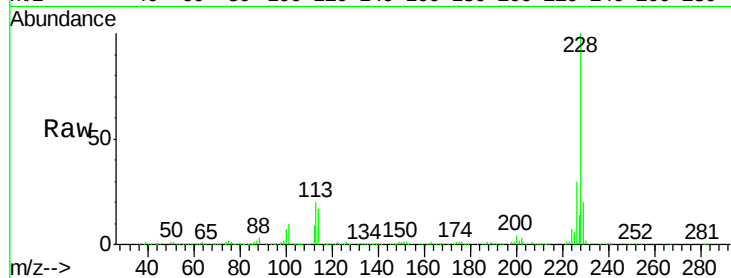




#82
 Chrysene
 Concen: 24.74 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

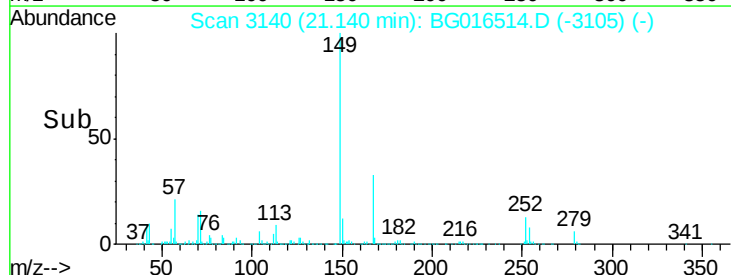
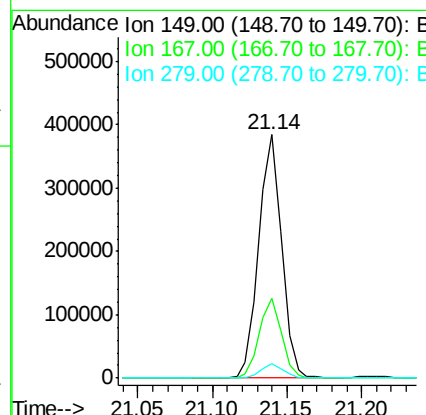
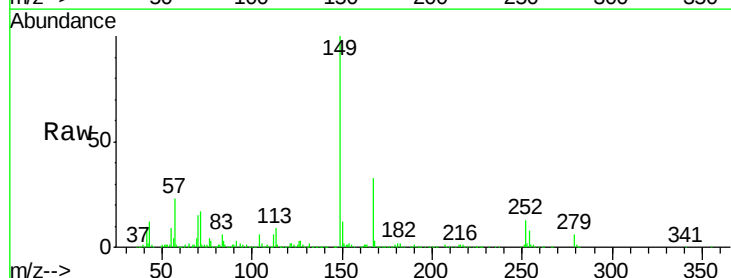
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

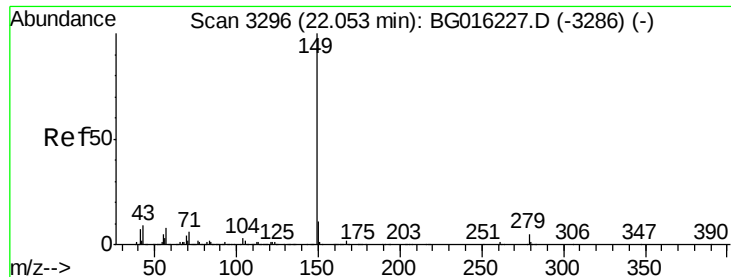
Tgt Ion: 228 Resp: 463538
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.2 17.0 25.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.56 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

Tgt Ion: 149 Resp: 403824
 Ion Ratio Lower Upper
 149 100
 167 32.8 25.8 38.6
 279 6.0 4.7 7.1

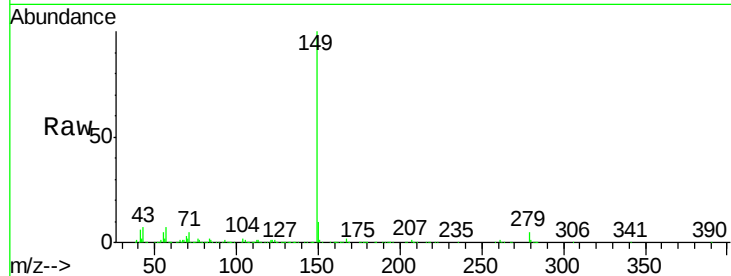




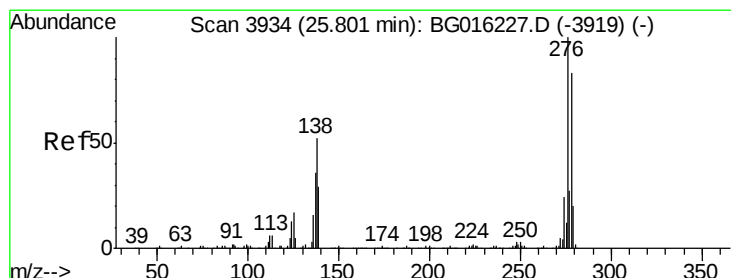
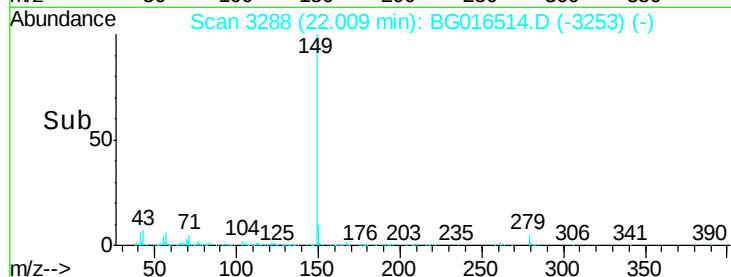
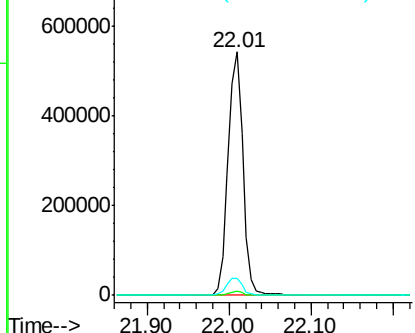
#84
Di-n-octyl phthalate
Concen: 27.62 ng
RT: 22.01 min Scan# 3288
Delta R.T. 0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tgt Ion:149 Resp: 684214
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.3 7.0 10.4

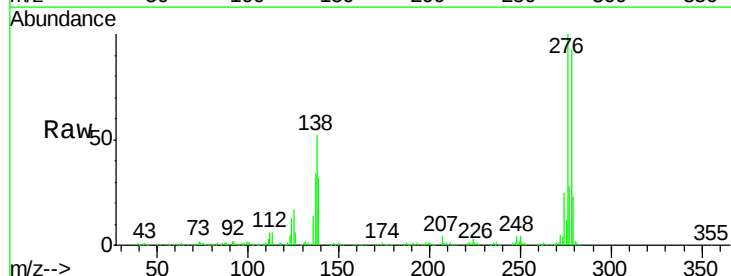


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

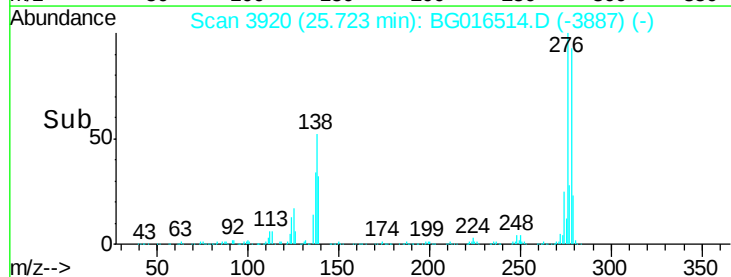
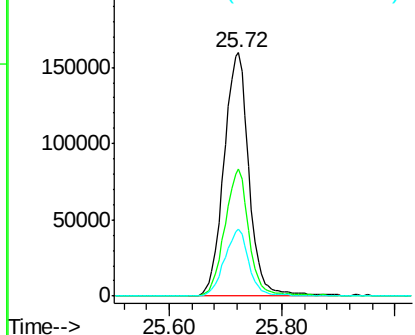


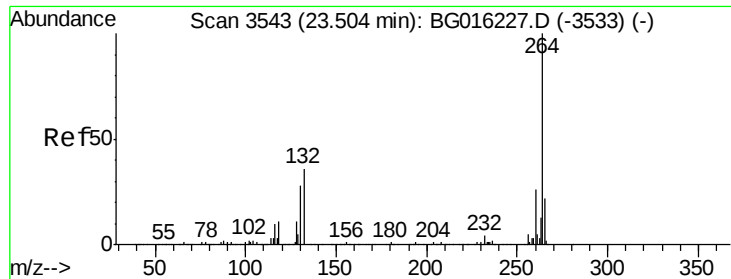
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.36 ng
RT: 25.72 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion:276 Resp: 493567
Ion Ratio Lower Upper
276 100
138 50.1 41.5 62.3
277 26.6 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



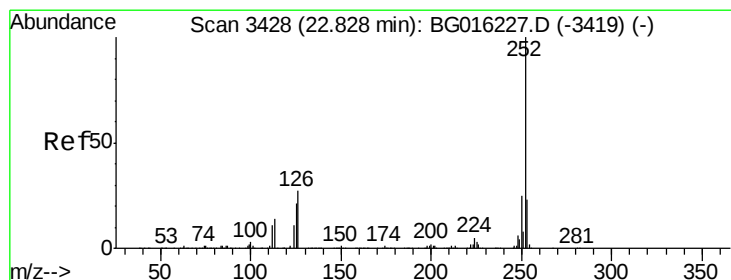
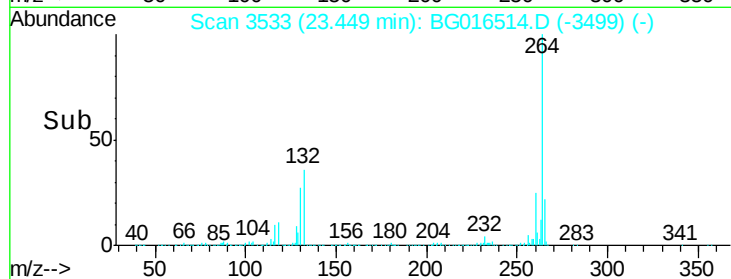
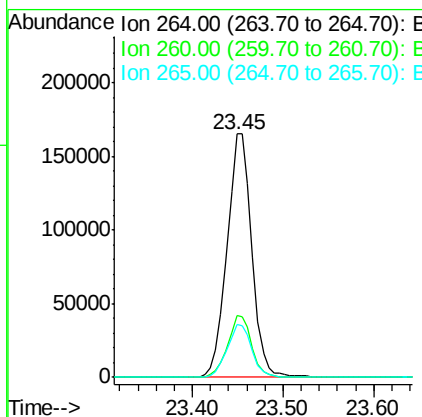
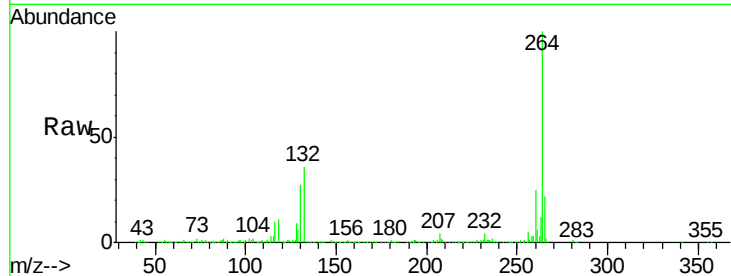


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

Tgt Ion: 264 Resp: 313767

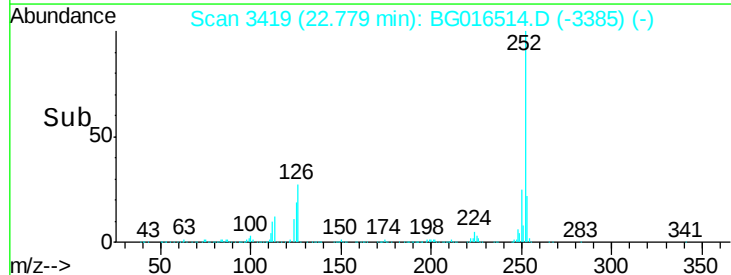
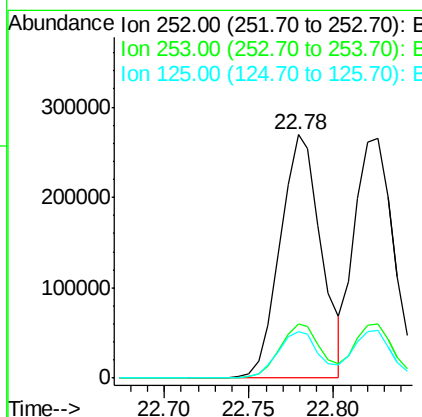
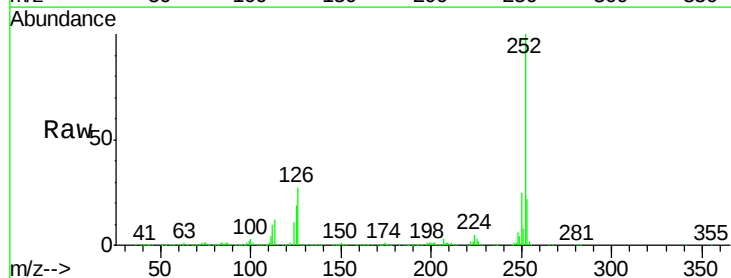
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.4	30.6
265	21.6	17.2	25.8

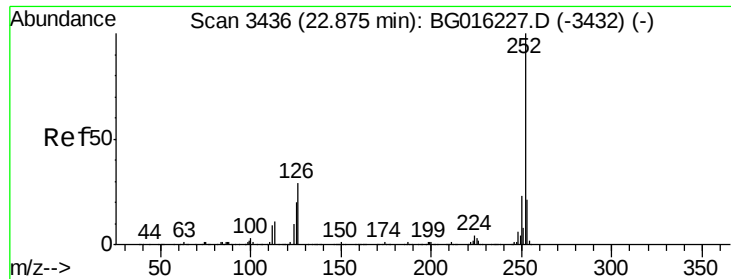


#87
Benzo(b)fluoranthene
Concen: 24.80 ng
RT: 22.78 min Scan# 3419
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion: 252 Resp: 455740

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	18.9	17.0	25.6

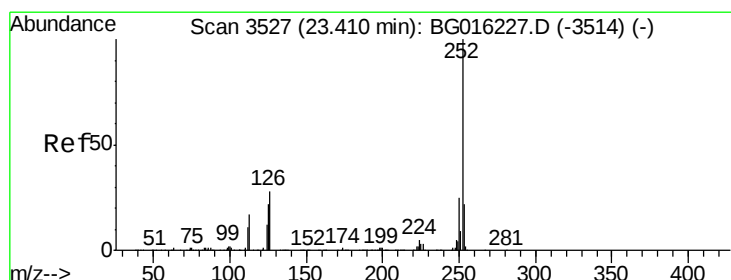
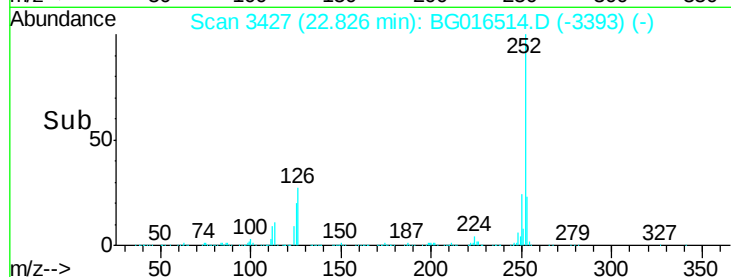
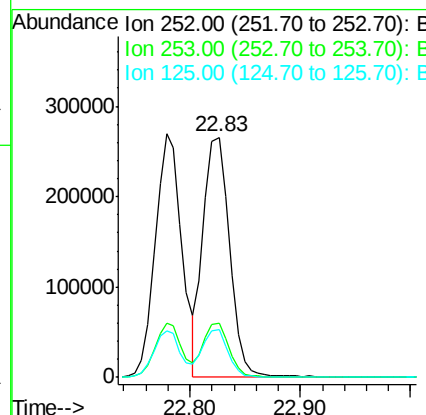
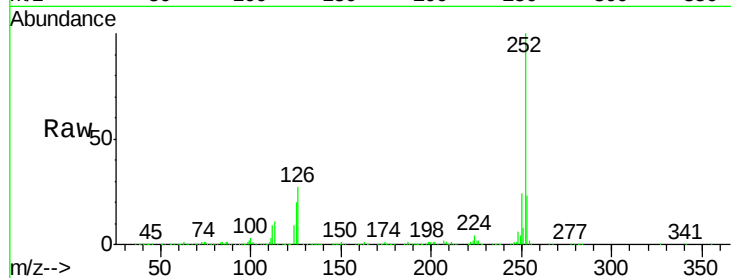




#88
Benzo(k)fluoranthene
Concen: 24.07 ng
RT: 22.83 min Scan# 3427
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

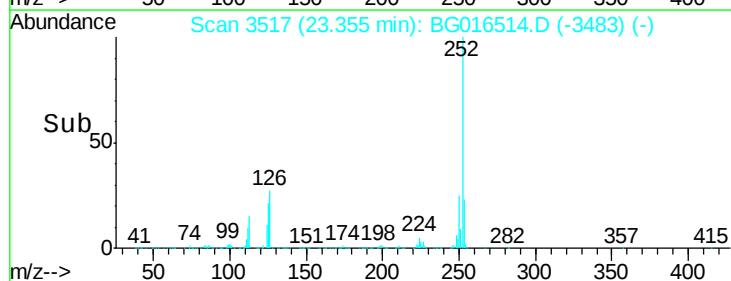
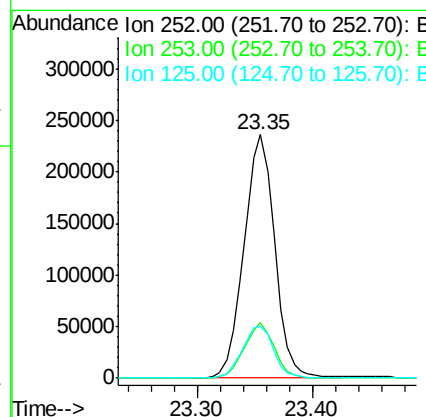
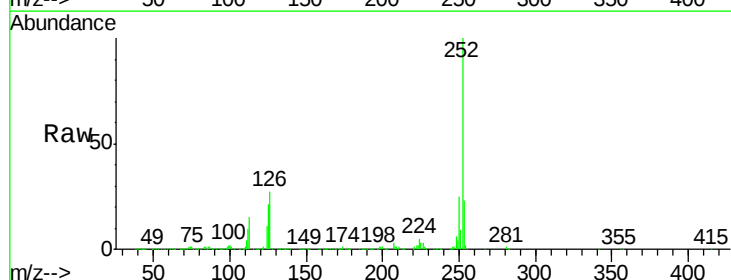
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

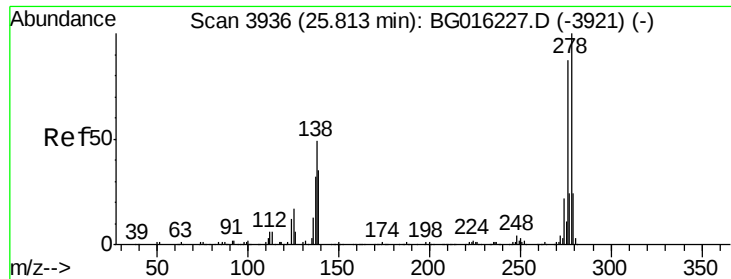
Tgt Ion: 252 Resp: 432873
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 19.8 16.3 24.5



#89
Benzo(a)pyrene
Concen: 25.30 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

Tgt Ion: 252 Resp: 435778
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 21.3 17.6 26.4





#90

Dibenzo(a,h)anthracene

Concen: 24.61 ng

RT: 25.73 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

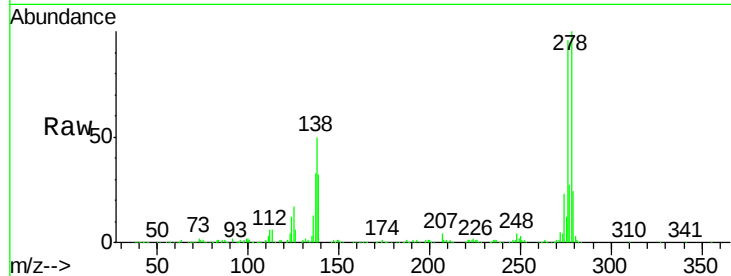
Tgt Ion:278 Resp: 412432

Ion Ratio Lower Upper

278 100

139 32.1 27.9 41.9

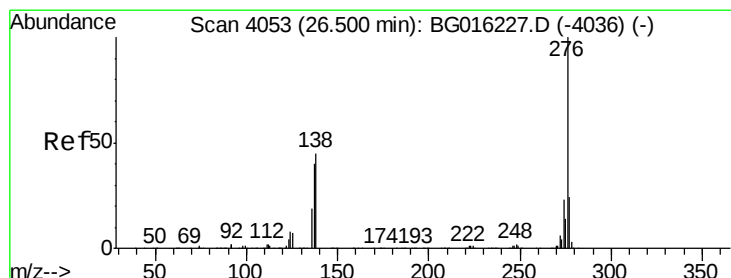
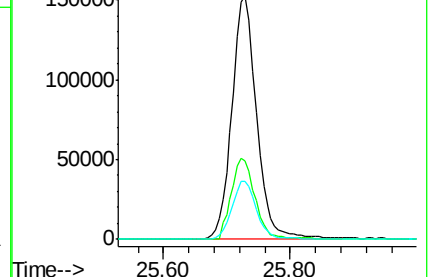
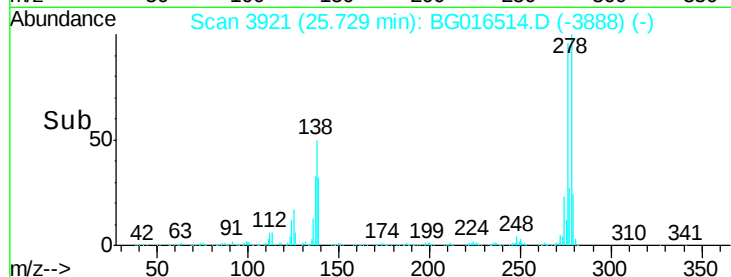
279 23.9 19.5 29.3



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: 24.75 ng

RT: 26.41 min Scan# 4037

Delta R.T. -0.01 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

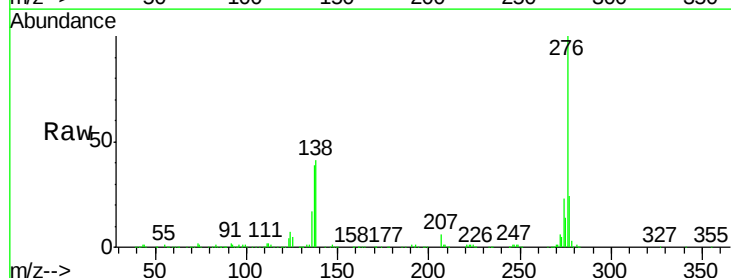
Tgt Ion:276 Resp: 414349

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 41.4 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

