

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 02:31:36 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
32) Benzoic acid	9.64	122	129449	41.56	ng # 12
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

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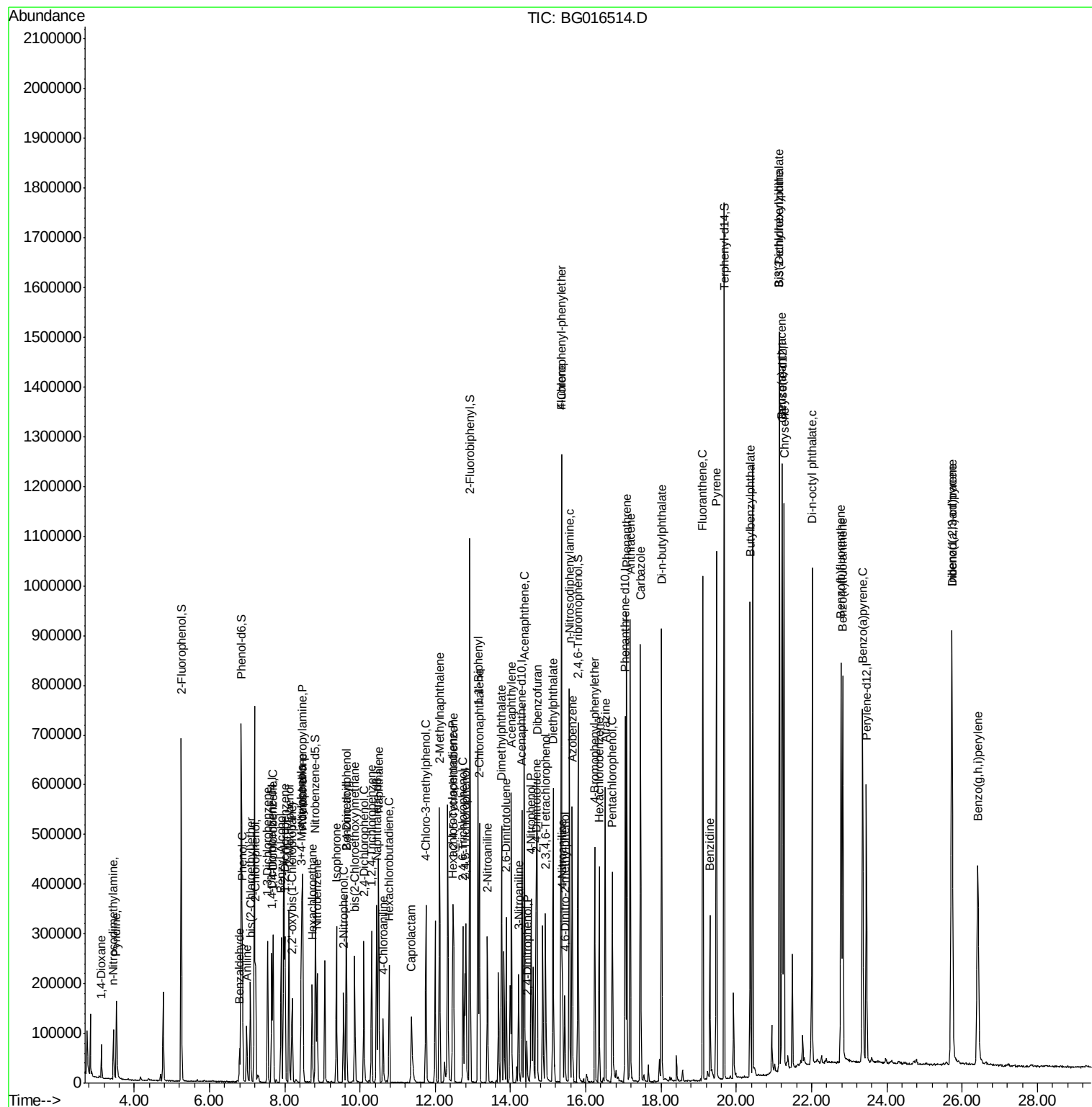
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	72813	24.79	ng	95
43) 2,4,5-Trichlorophenol	12.81	196	82096	26.16	ng	95
45) 1,1'-Biphenyl	13.13	154	331858	24.10	ng	98
46) 2-Chloronaphthalene	13.17	162	252243	24.05	ng	99
47) 2-Nitroaniline	13.38	65	78025	23.08	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

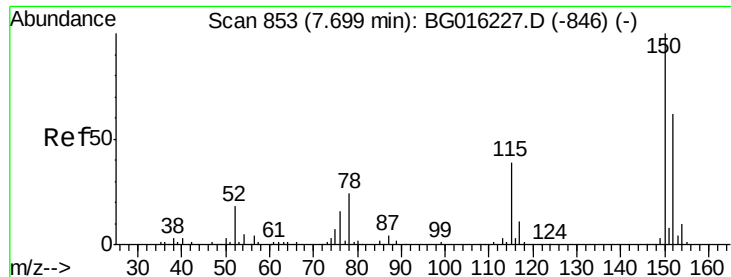
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

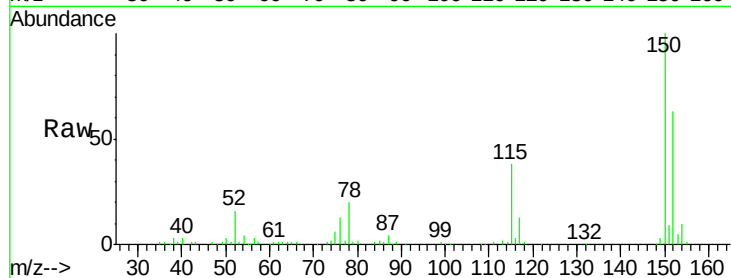
Tgt Ion:152 Resp: 71574

Ion Ratio Lower Upper

152 100

150 158.7 130.1 195.1

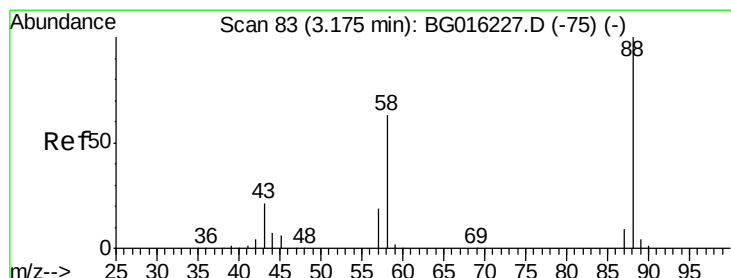
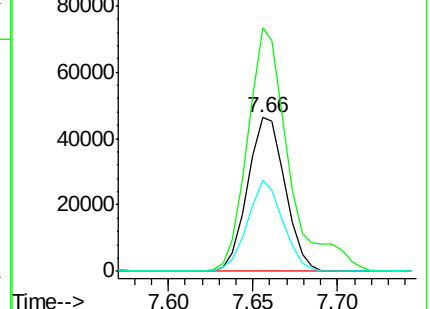
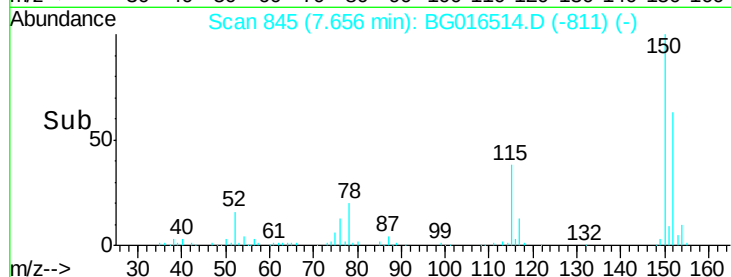
115 59.9 50.5 75.7



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

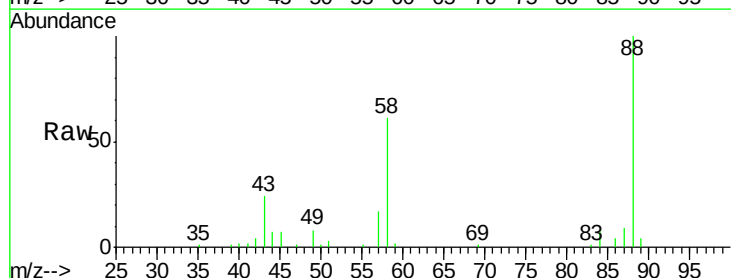
Tgt Ion: 88 Resp: 37763

Ion Ratio Lower Upper

88 100

58 65.2 50.6 76.0

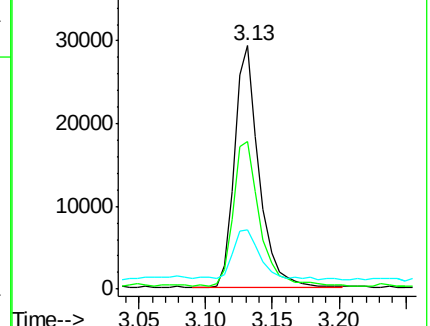
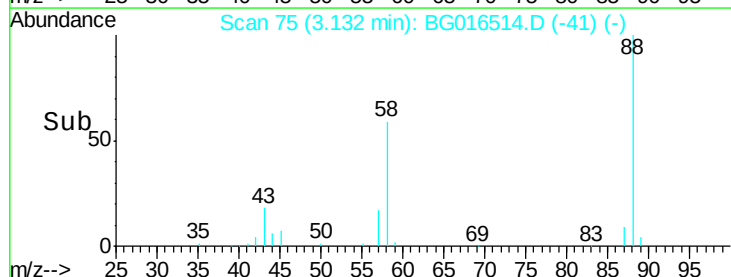
43 22.1 17.0 25.4

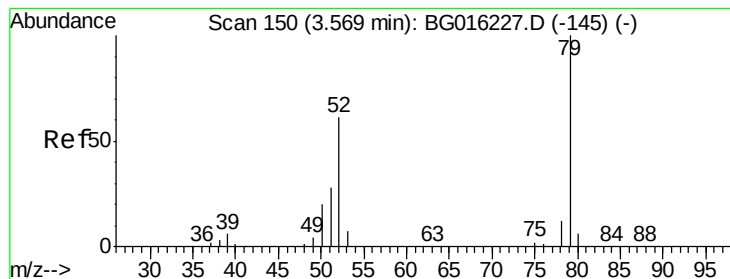


Abundance Ion 88.00 (87.70 to 88.70): BGC

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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

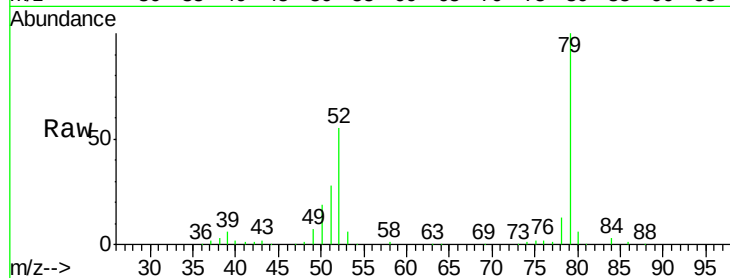
Tgt Ion: 79 Resp: 100898

Ion Ratio Lower Upper

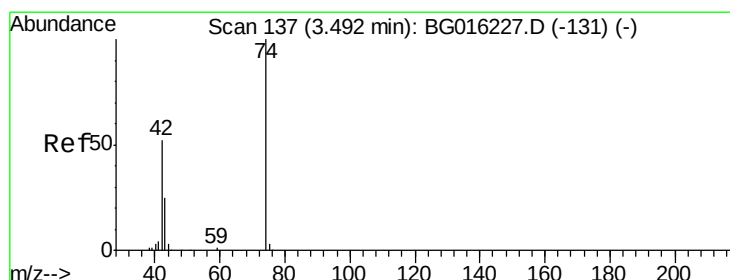
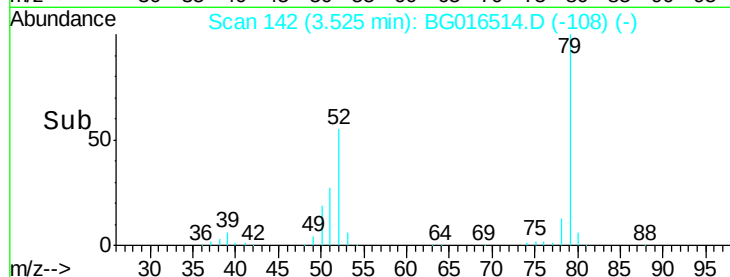
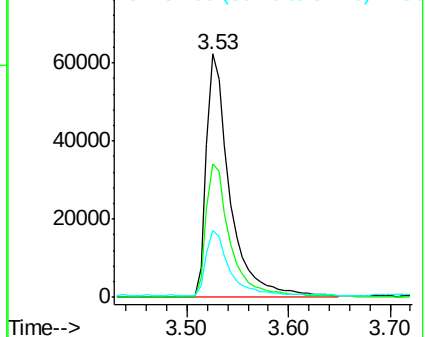
79 100

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

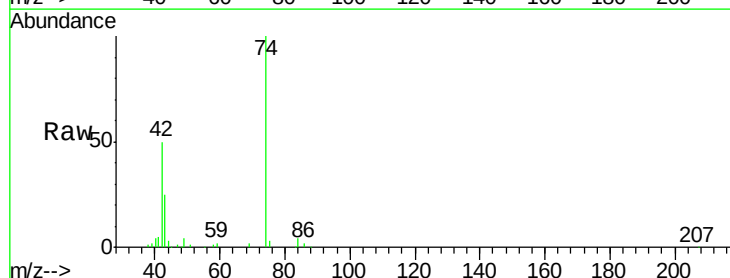
Tgt Ion: 42 Resp: 36571

Ion Ratio Lower Upper

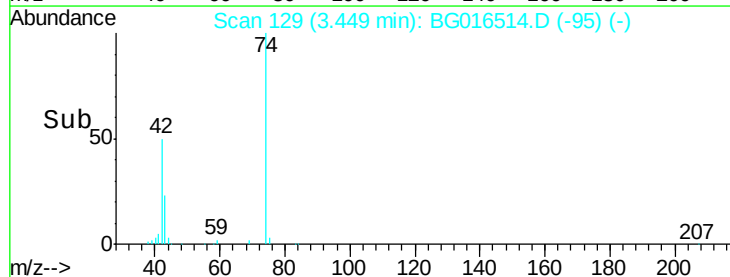
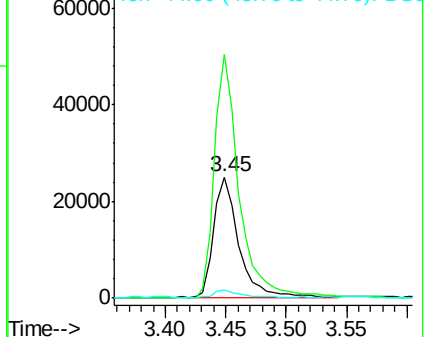
42 100

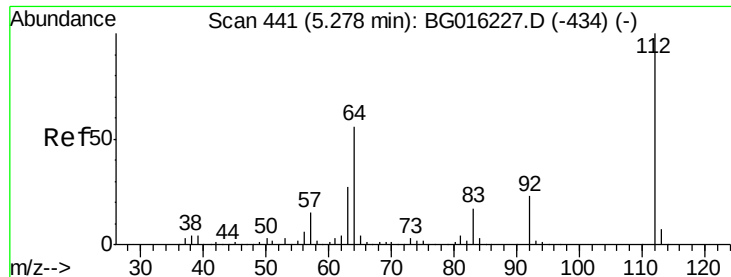
74 201.4 153.7 230.5

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

Lab File: BG016514.D

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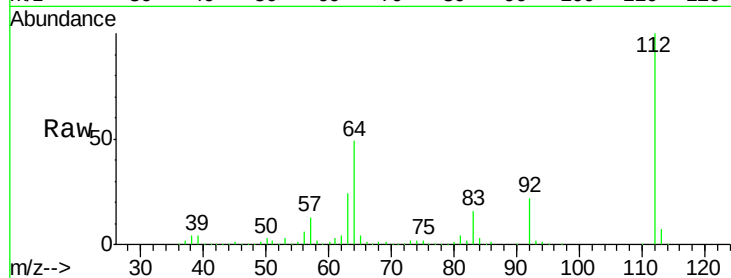
Tgt Ion: 112 Resp: 340579

Ion Ratio Lower Upper

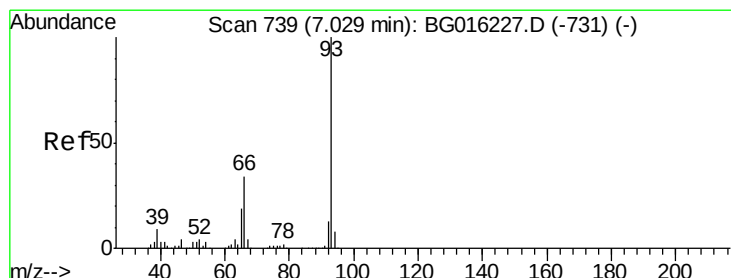
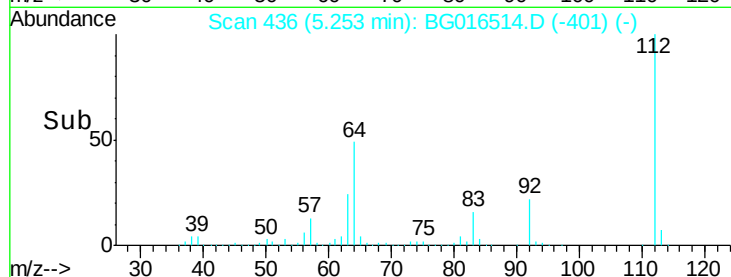
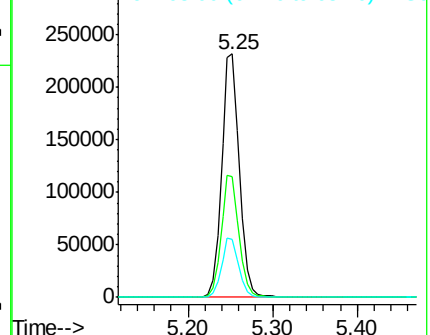
112 100

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

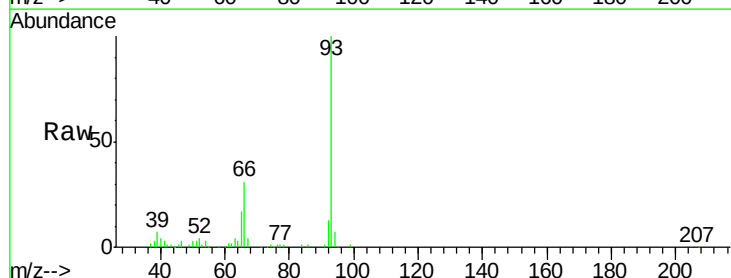
Tgt Ion: 93 Resp: 78835

Ion Ratio Lower Upper

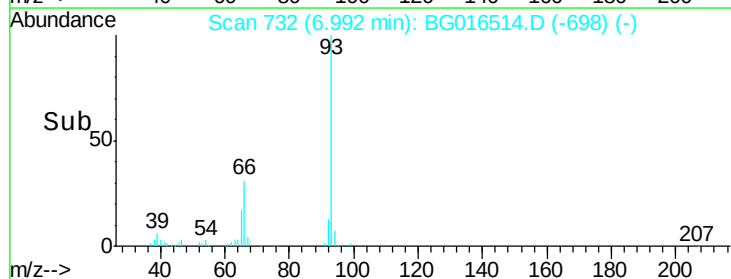
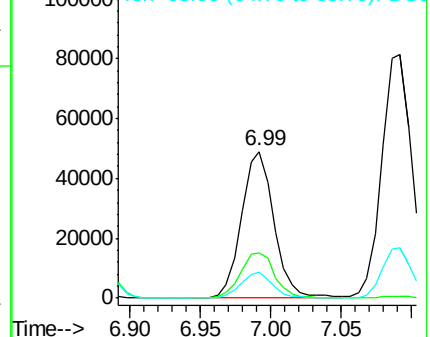
93 100

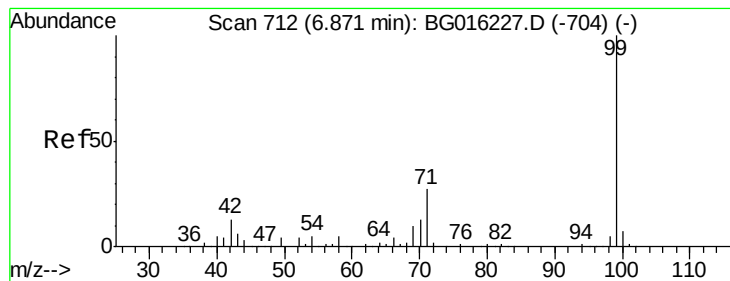
66 30.6 27.5 41.3

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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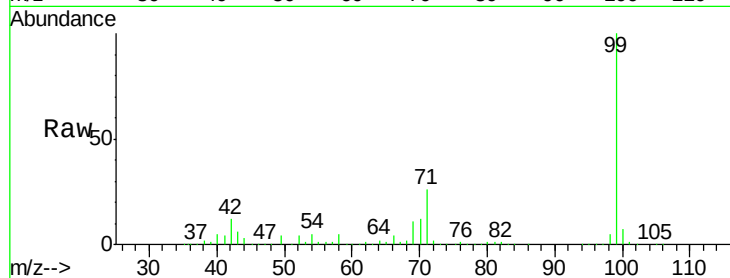
Tgt Ion: 99 Resp: 478086

Ion Ratio Lower Upper

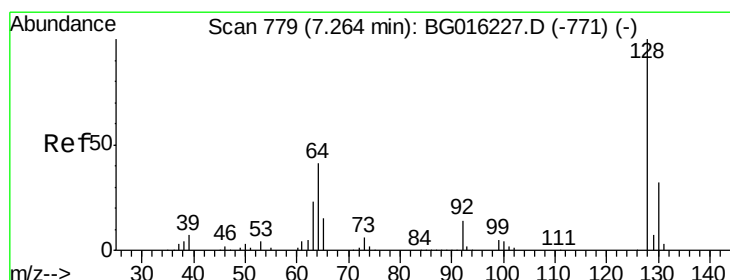
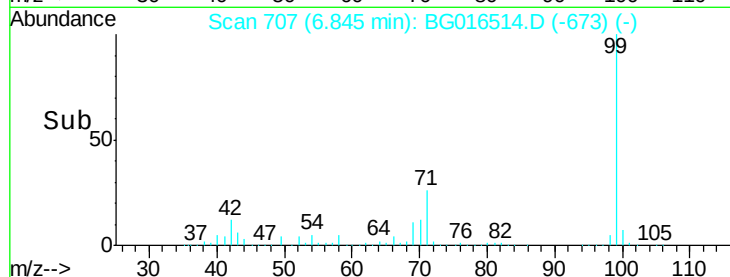
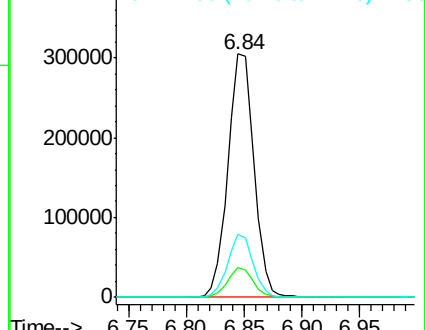
99 100

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

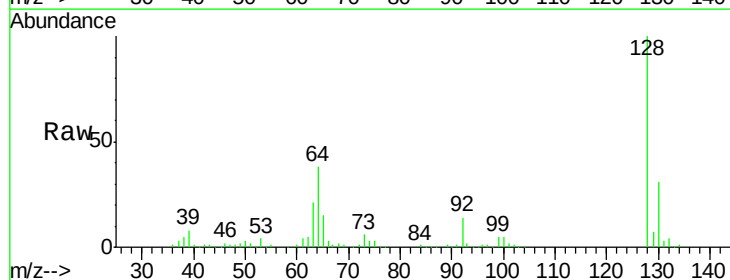
Tgt Ion: 128 Resp: 131029

Ion Ratio Lower Upper

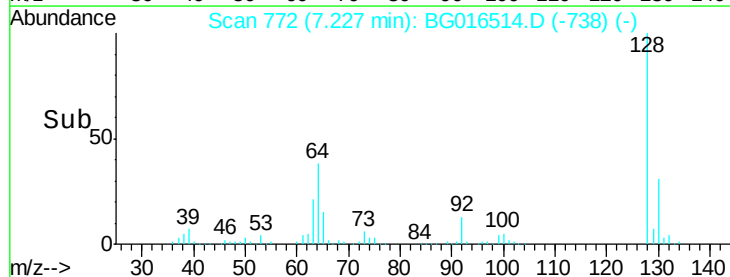
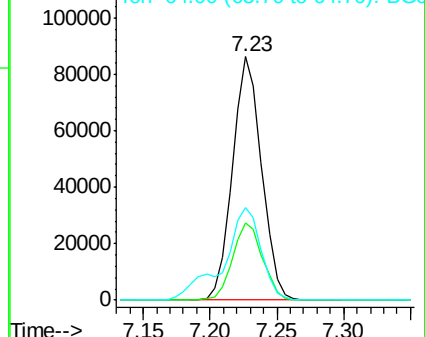
128 100

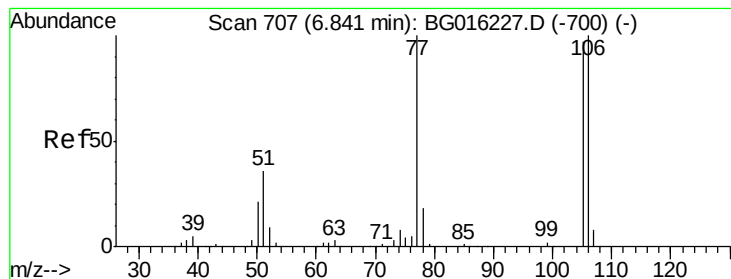
130 31.5 11.6 51.6

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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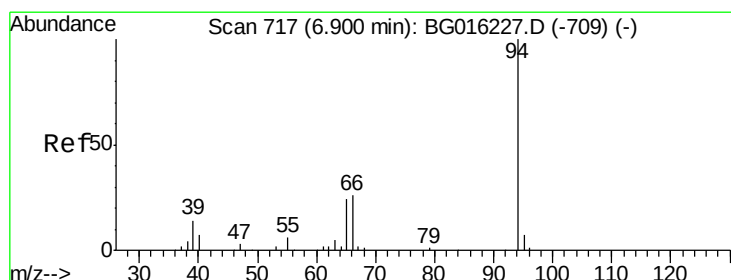
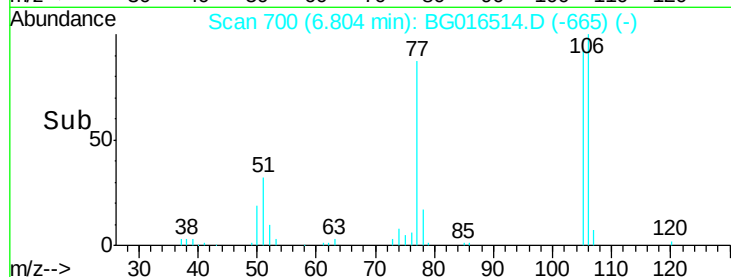
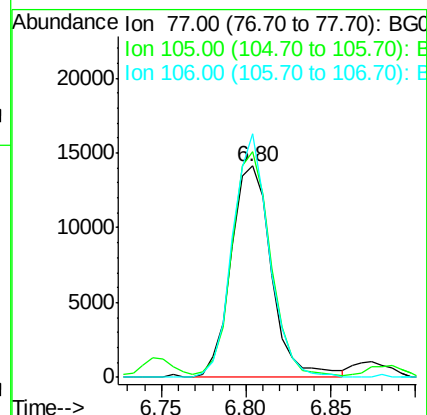
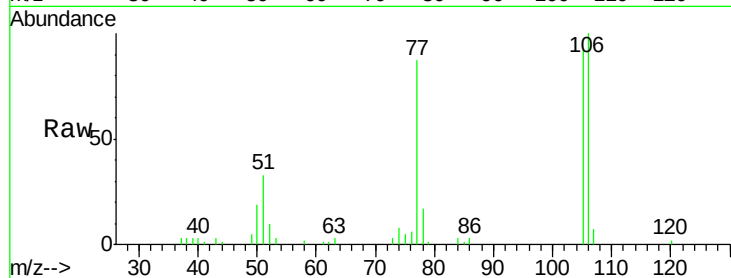
Tgt Ion: 77 Resp: 23620

Ion Ratio Lower Upper

77 100

105 106.7 76.8 116.8

106 115.3 80.1 120.1



#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

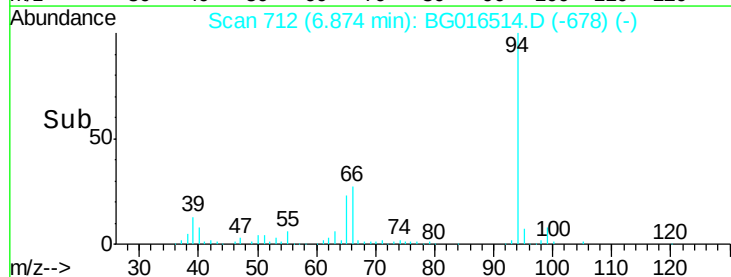
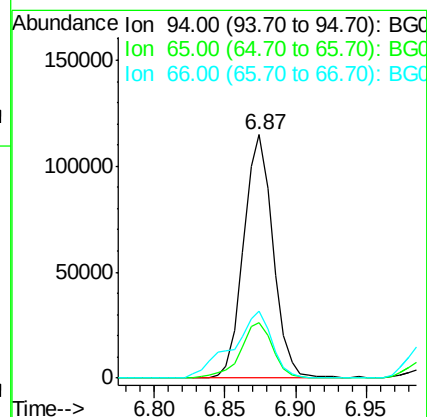
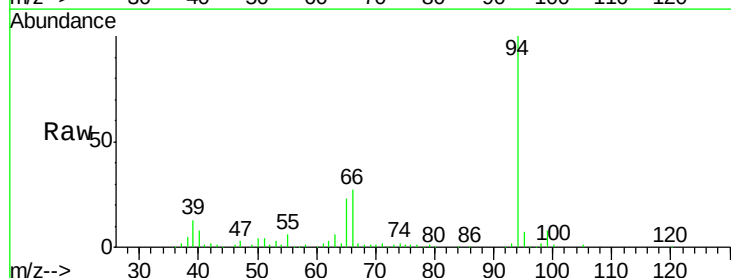
Tgt Ion: 94 Resp: 167405

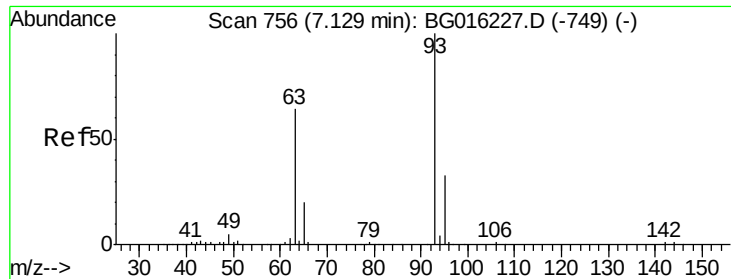
Ion Ratio Lower Upper

94 100

65 22.8 3.8 43.8

66 27.4 7.4 47.4





#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

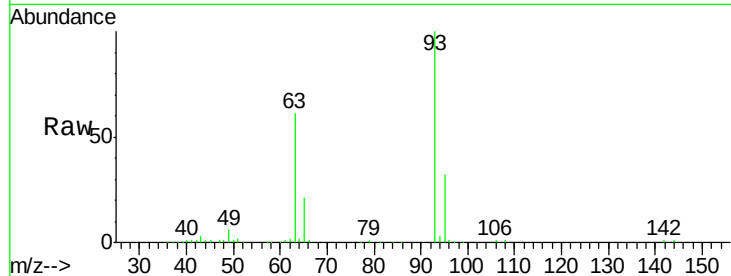
Tgt Ion: 93 Resp: 121579

Ion Ratio Lower Upper

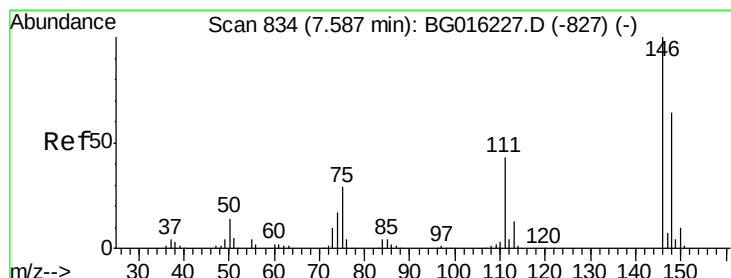
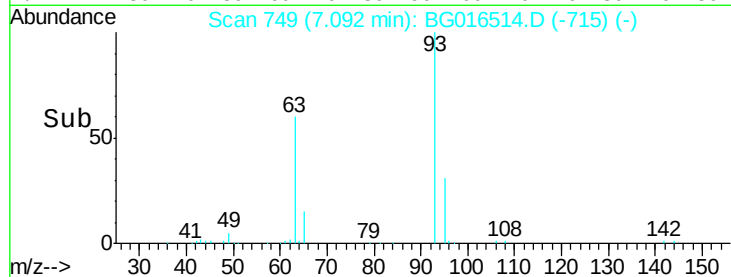
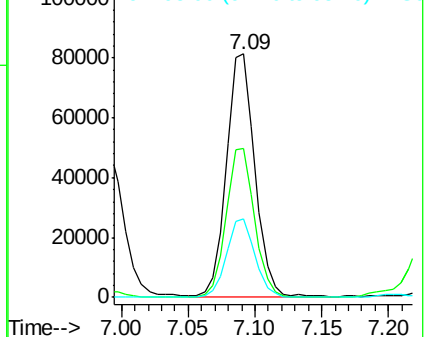
93 100

63 61.0 44.1 84.1

95 32.4 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#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

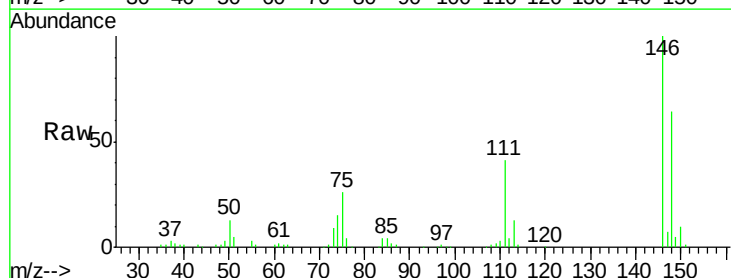
Tgt Ion: 146 Resp: 123244

Ion Ratio Lower Upper

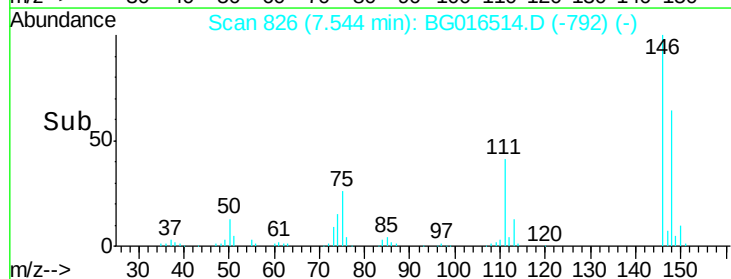
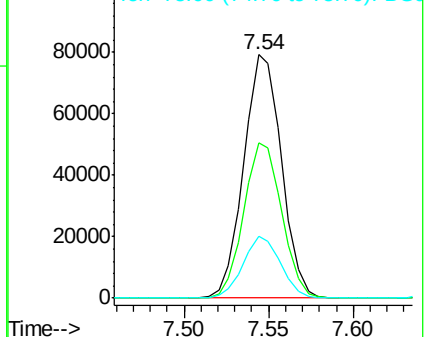
146 100

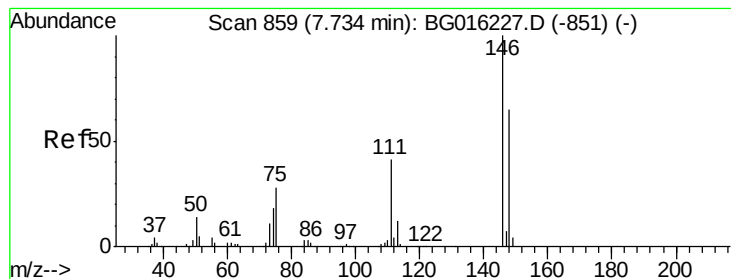
148 63.6 50.9 76.3

75 25.5 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#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

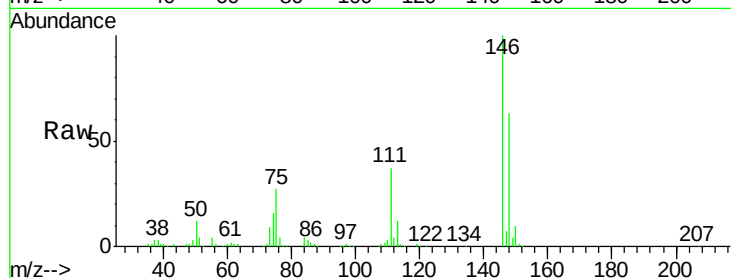
Tgt Ion:146 Resp: 127099

Ion Ratio Lower Upper

146 100

148 62.6 52.0 78.0

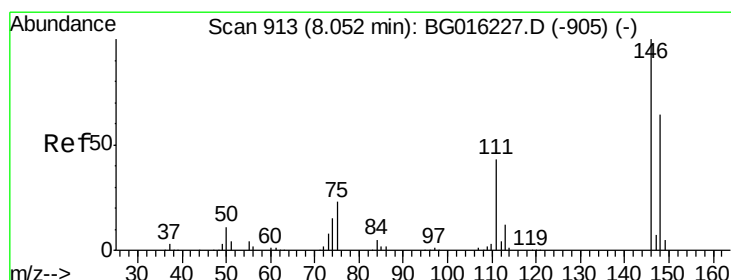
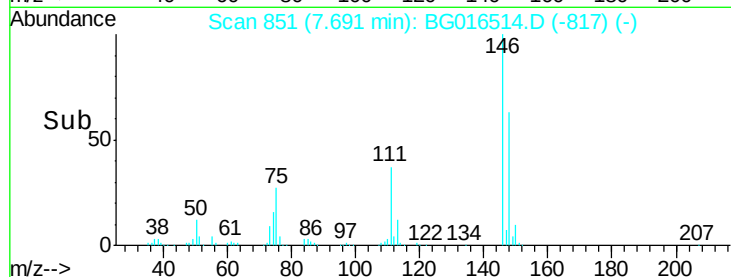
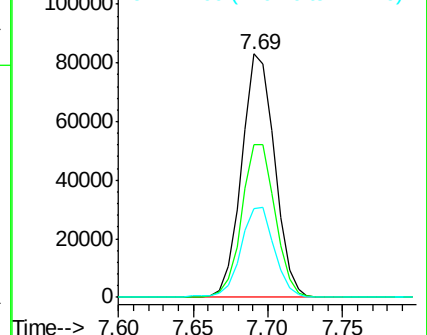
111 36.5 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

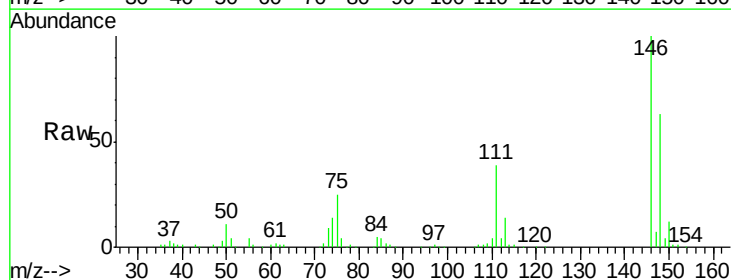
Tgt Ion:146 Resp: 122425

Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

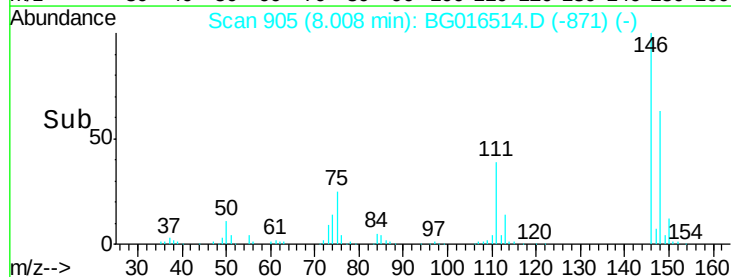
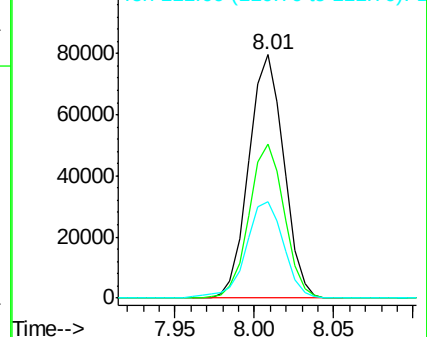
111 39.3 34.7 52.1

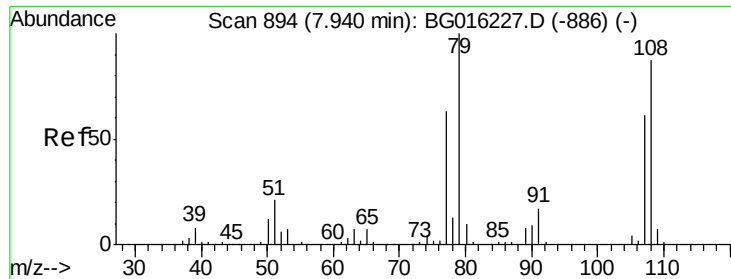


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

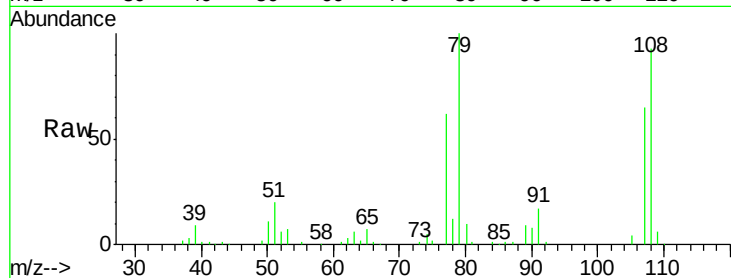
Tgt Ion: 79 Resp: 95004

Ion Ratio Lower Upper

79 100

108 93.4 69.3 103.9

77 62.0 50.3 75.5



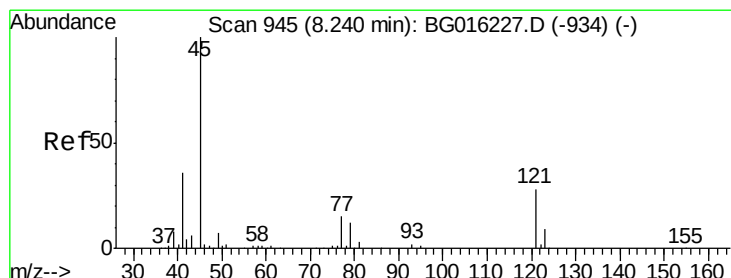
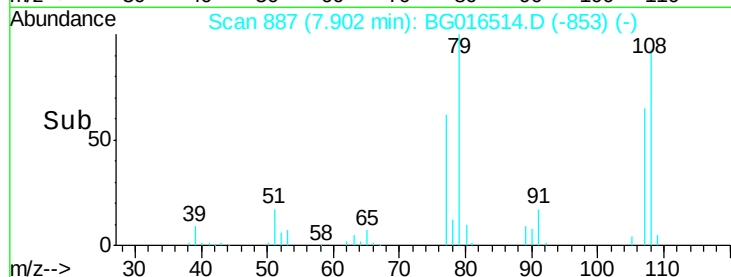
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

7.90

Time-->



#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

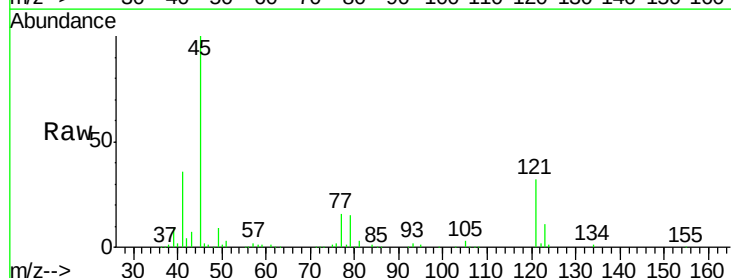
Tgt Ion: 45 Resp: 123553

Ion Ratio Lower Upper

45 100

77 16.2 0.0 35.3

79 15.4 0.0 32.3



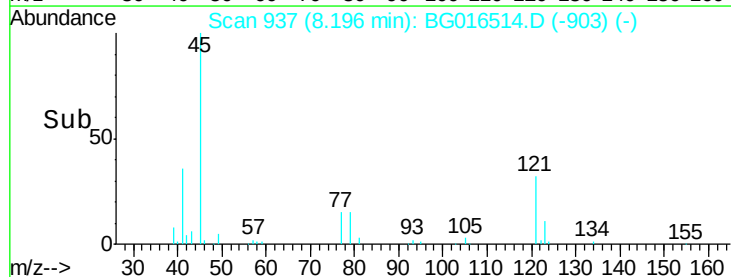
Abundance Ion 45.00 (44.70 to 45.70): BGC

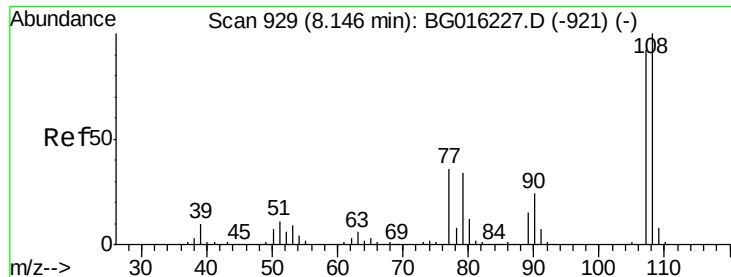
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

8.20

Time-->

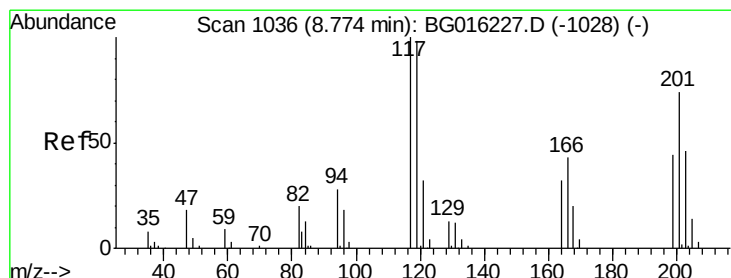
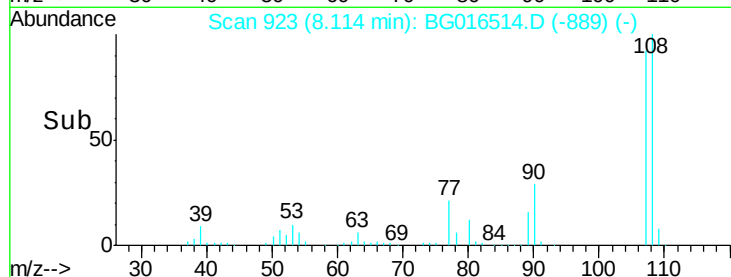
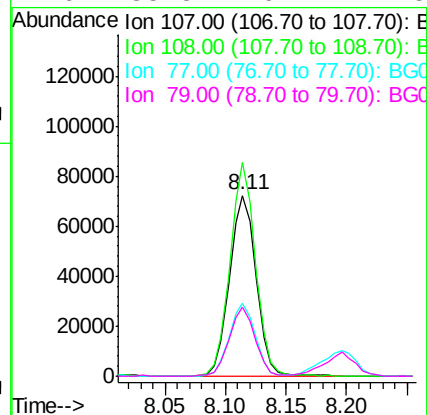
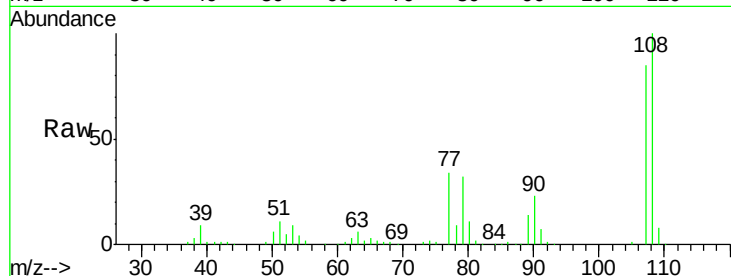




#17
2-Methylphenol
Concen: 22.70 ng
RT: 8.11 min Scan# 923
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

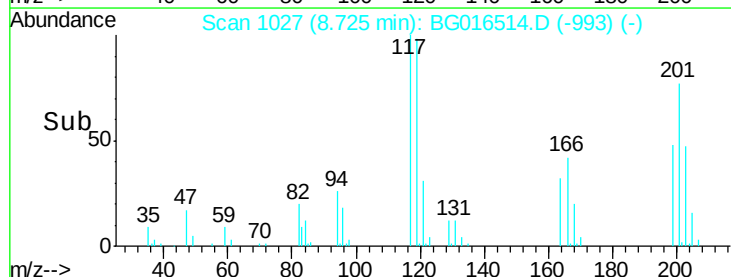
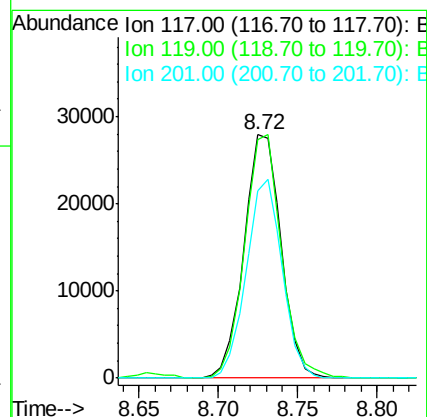
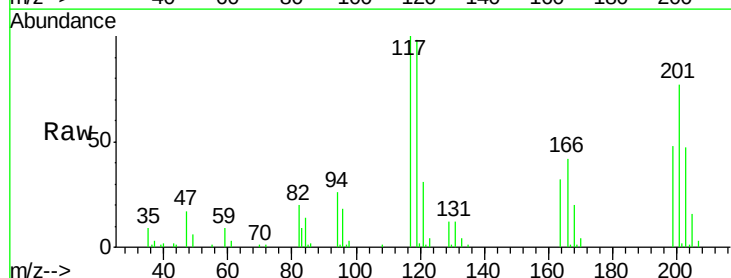
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

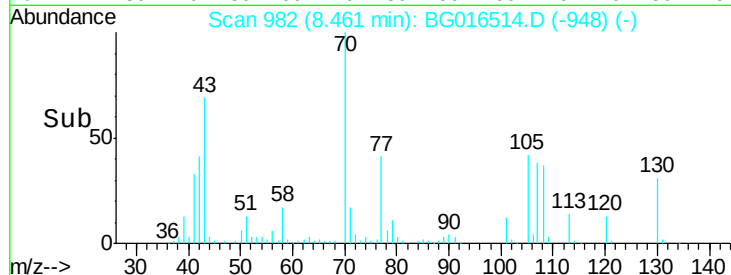
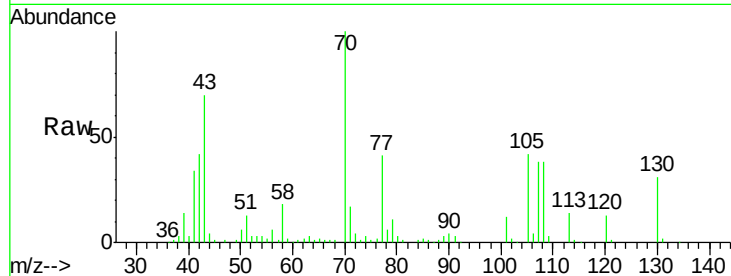
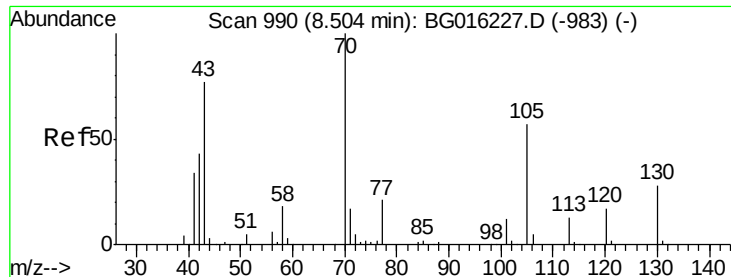
Tgt Ion:	107	Resp:	110886
Ion	Ratio	Lower	Upper
107	100		
108	118.0	87.2	130.8
77	40.6	31.1	46.7
79	38.3	29.7	44.5



#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

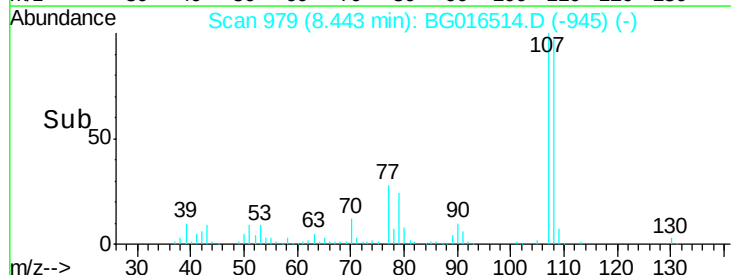
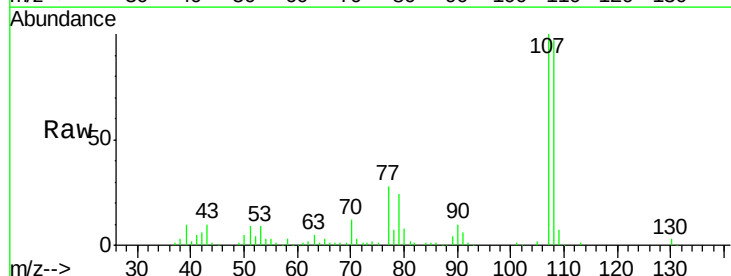
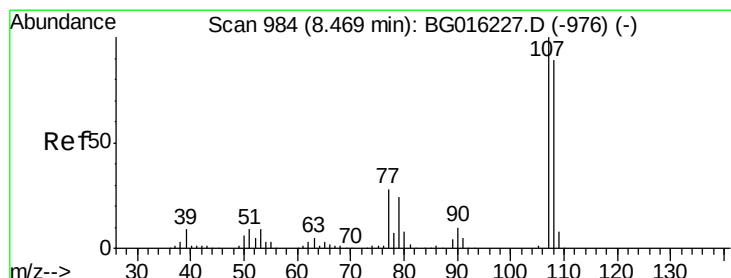
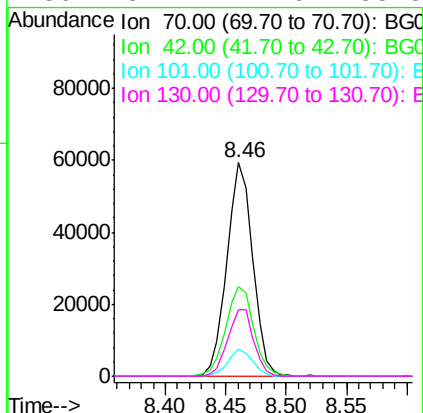




#19
n-Nitroso-di-n-propylamine
Concen: 18.04 ng
RT: 8.46 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

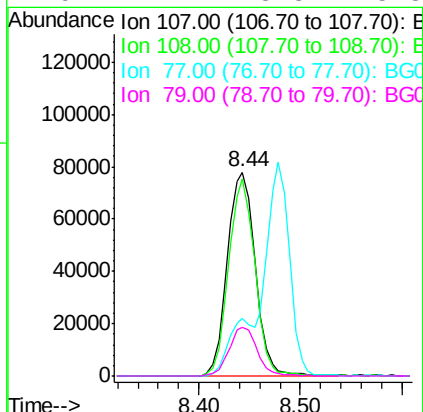
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

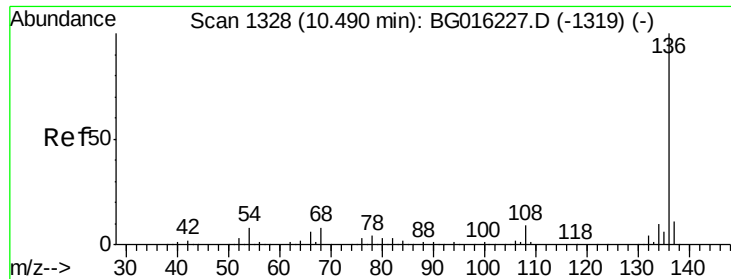
Tgt Ion:	70	Resp:	88016
Ion	Ratio	Lower	Upper
70	100		
42	41.8	34.7	52.1
101	12.3	9.2	13.8
130	31.1	22.6	33.8



#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

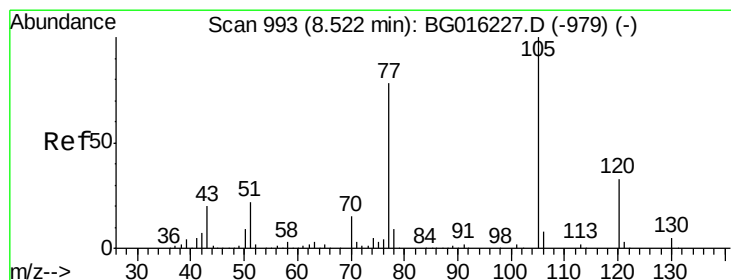
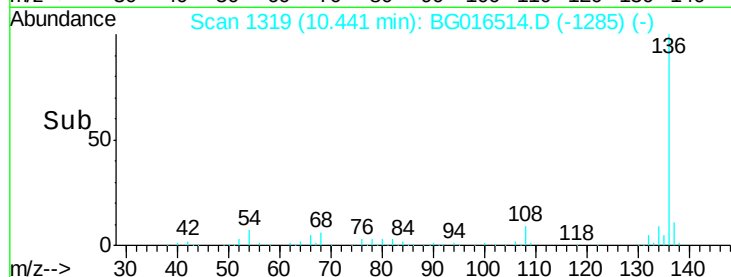
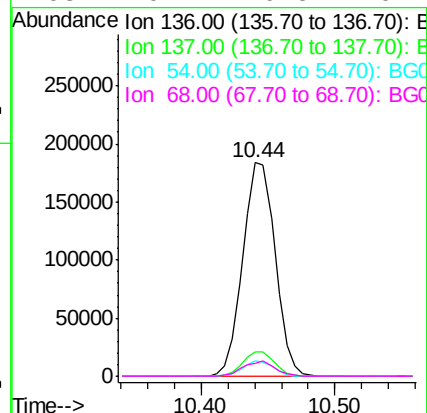
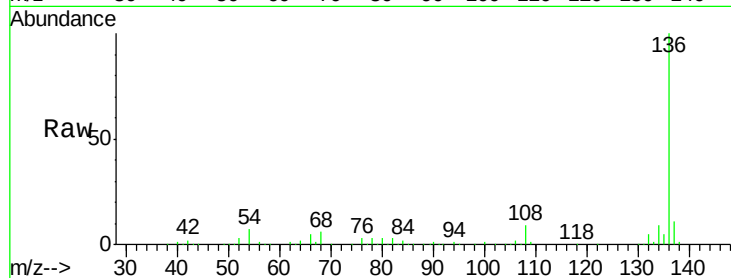




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

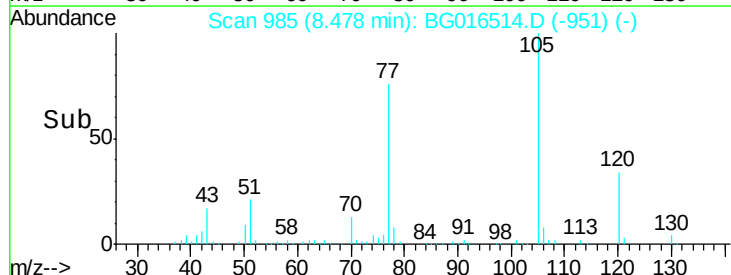
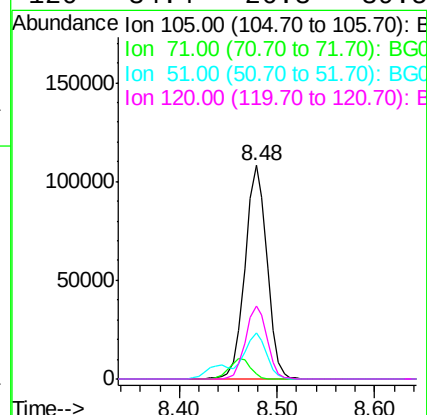
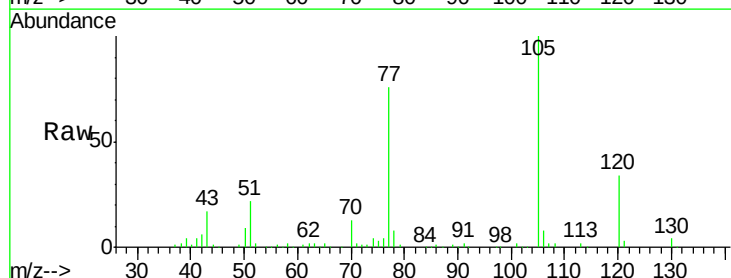
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

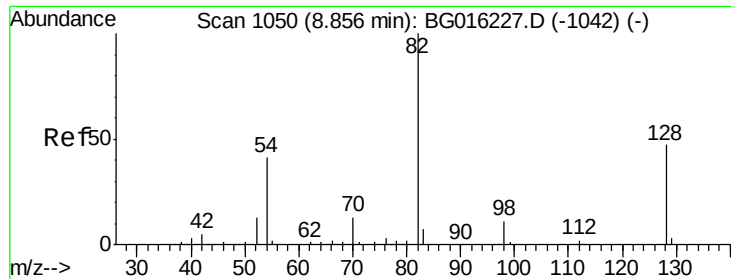
Tgt Ion:	136	Resp:	308438
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	6.9	6.3	9.5
68	6.1	6.5	9.7#



#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

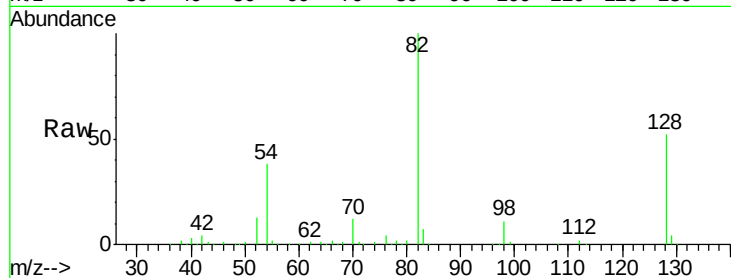




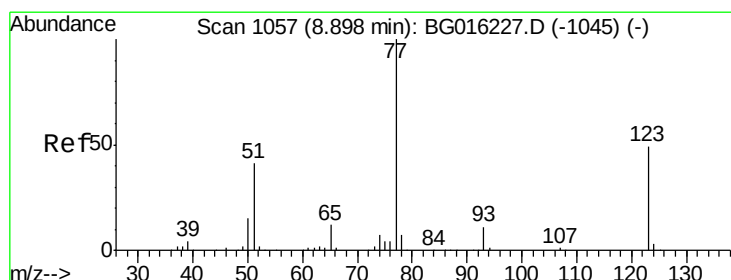
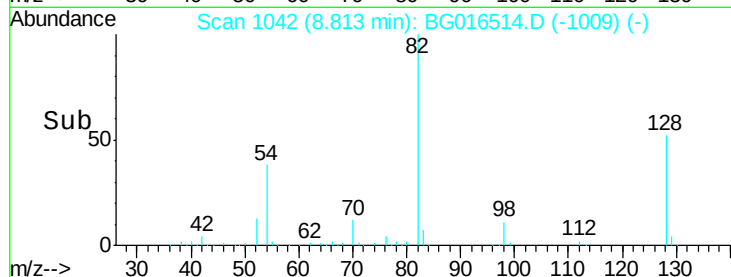
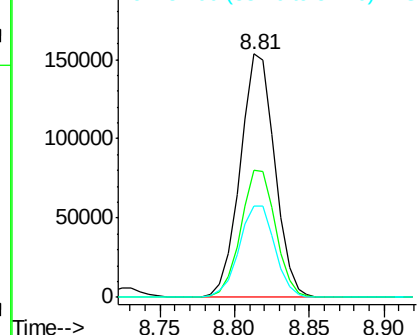
#23
 Nitrobenzene-d5
 Concen: 46.29 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

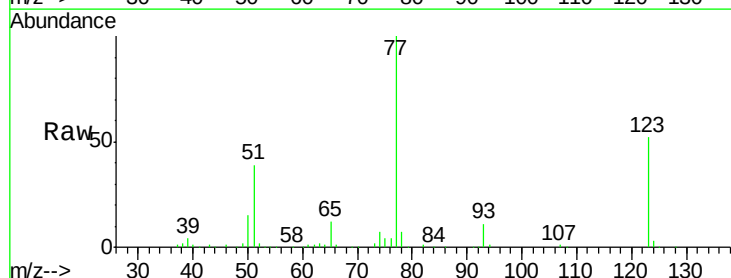


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

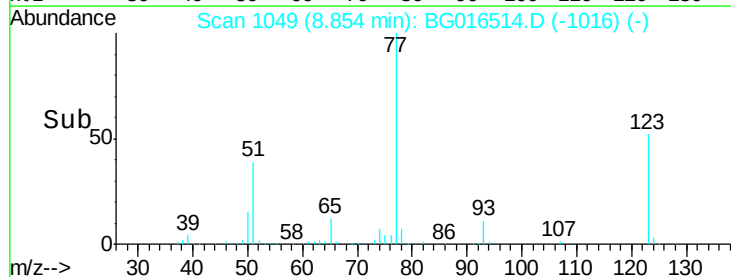
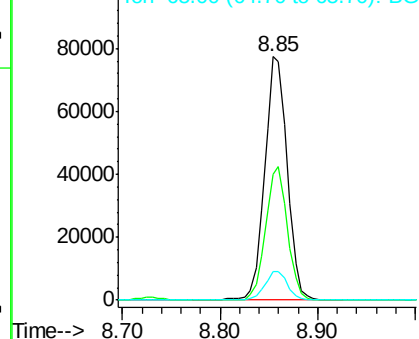


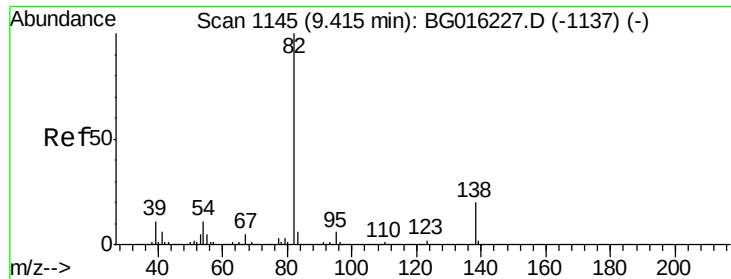
#24
 Nitrobenzene
 Concen: 22.10 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

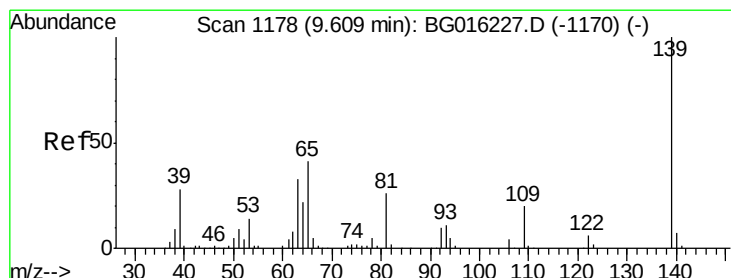
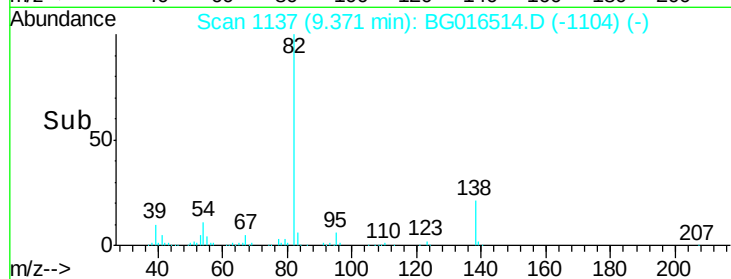
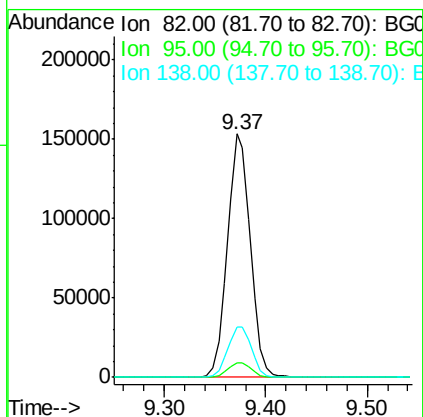
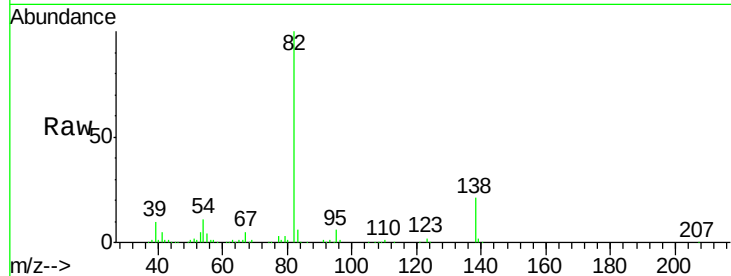




#25
Isophorone
Concen: 20.28 ng
RT: 9.37 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

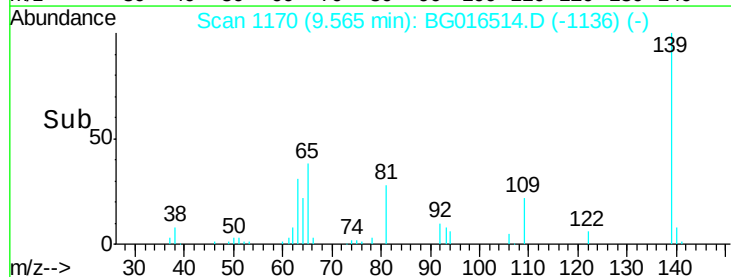
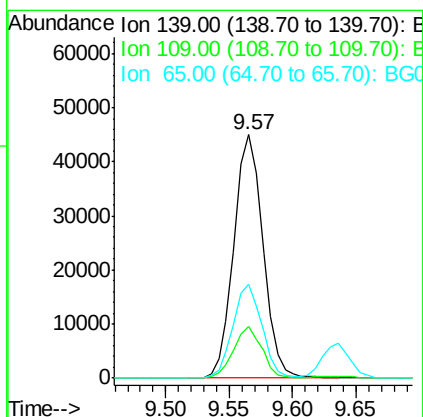
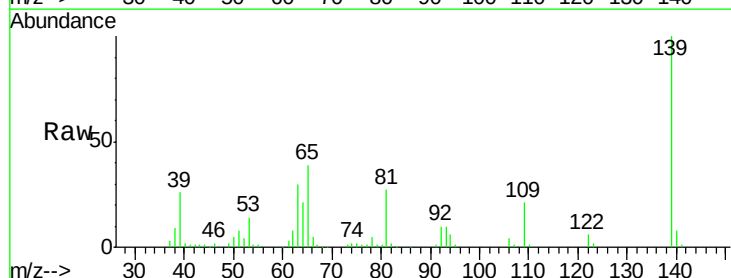
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

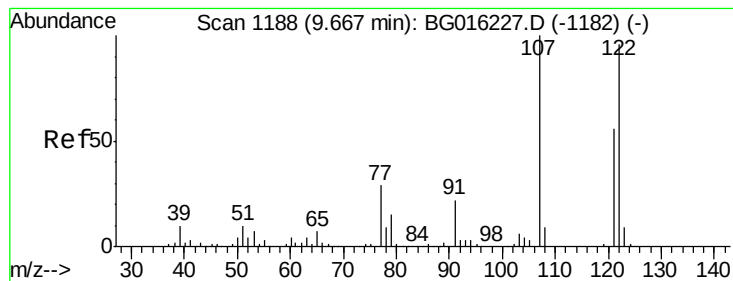
Tgt Ion: 82 Resp: 239753
Ion Ratio Lower Upper
82 100
95 5.9 5.0 7.6
138 20.8 16.2 24.2



#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

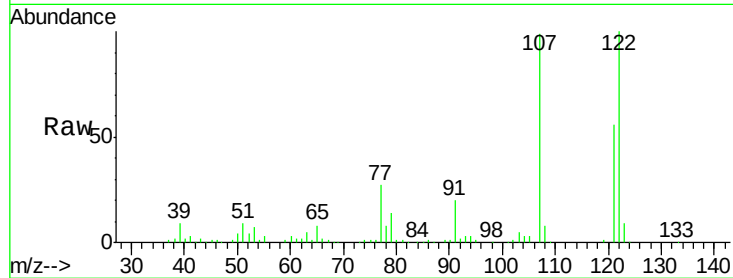
Tgt Ion:122 Resp: 129518

Ion Ratio Lower Upper

122 100

107 99.2 83.4 125.2

121 55.8 46.2 69.4

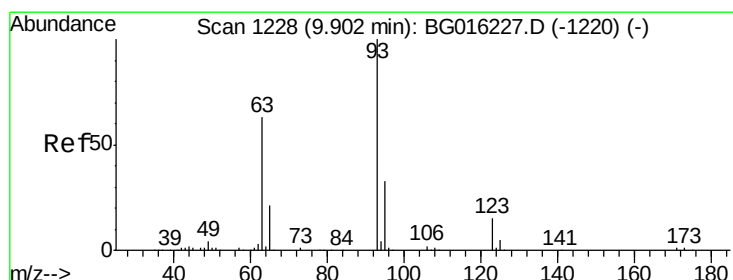
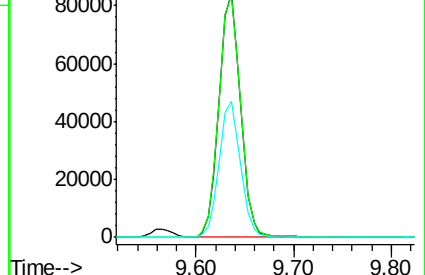
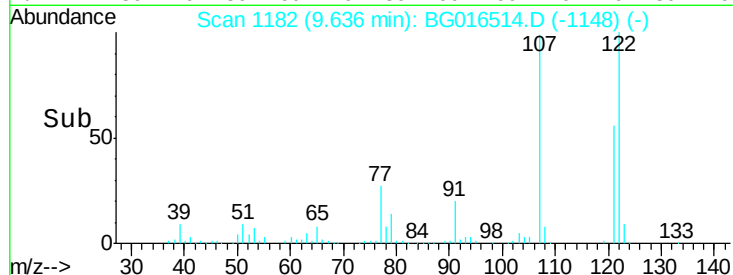


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

9.64



#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

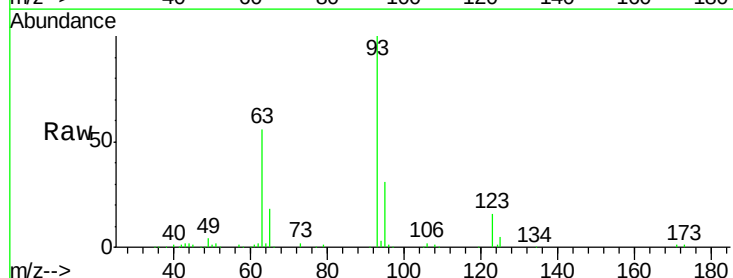
Tgt Ion: 93 Resp: 147913

Ion Ratio Lower Upper

93 100

95 31.3 26.1 39.1

123 15.6 11.8 17.8

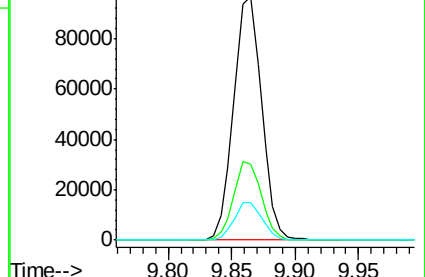
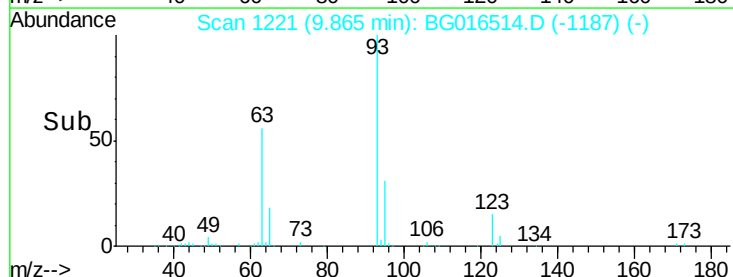


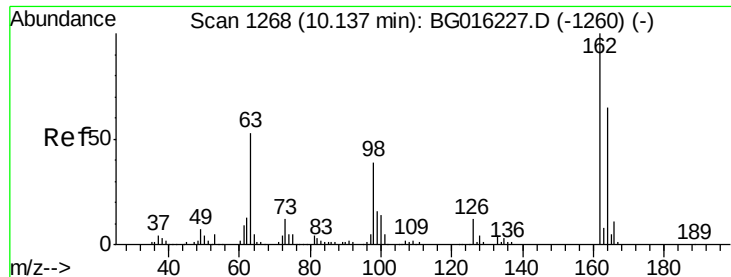
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

9.86

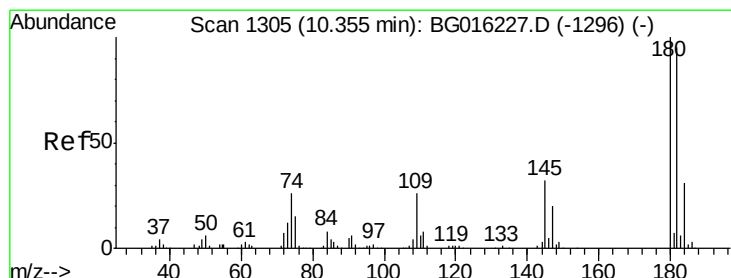
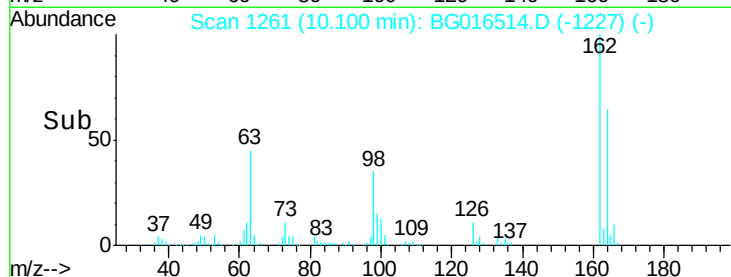
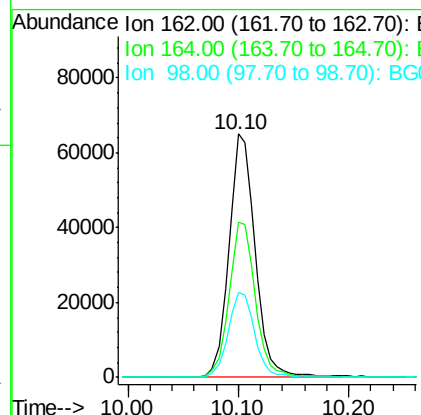
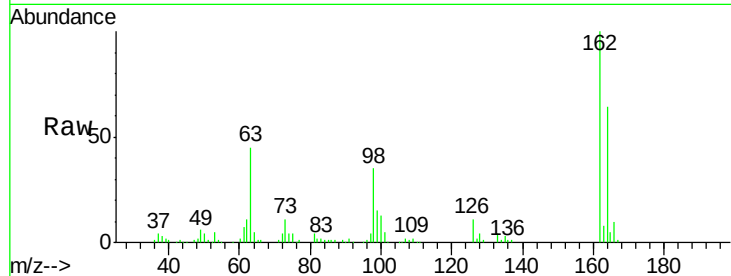




#29
 2,4-Dichlorophenol
 Concen: 27.59 ng
 RT: 10.10 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

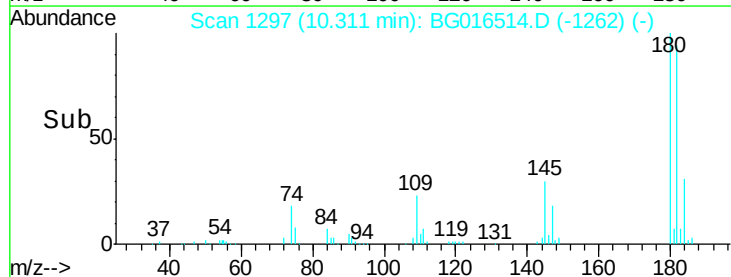
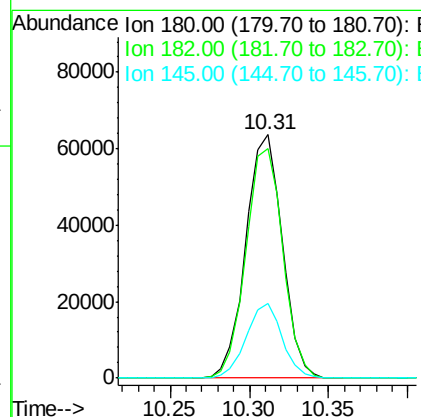
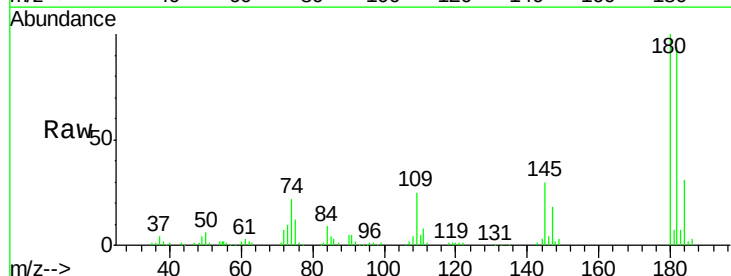
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

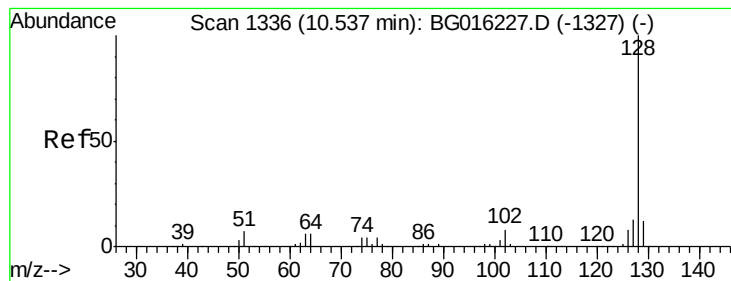
Tgt Ion:162 Resp: 107976
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.0 85.0
 98 35.0 19.1 59.1



#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

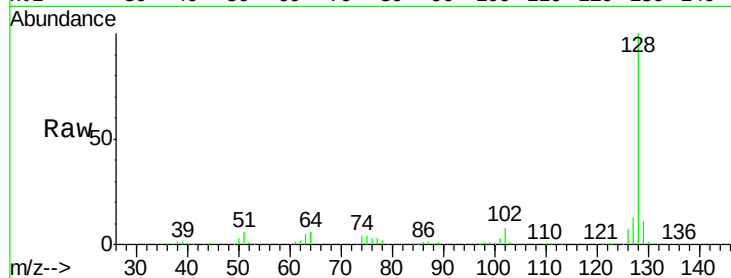
Tgt Ion:128 Resp: 382002

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

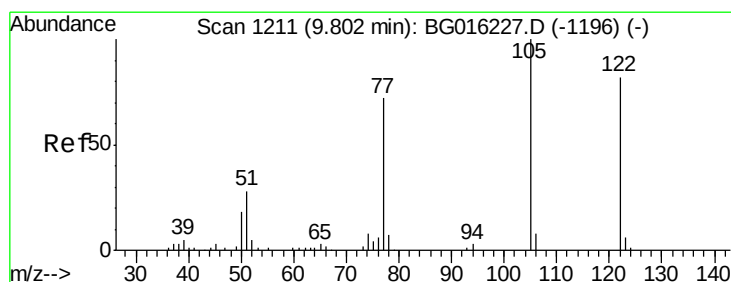
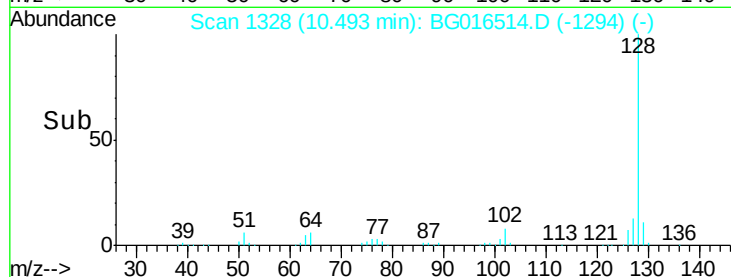
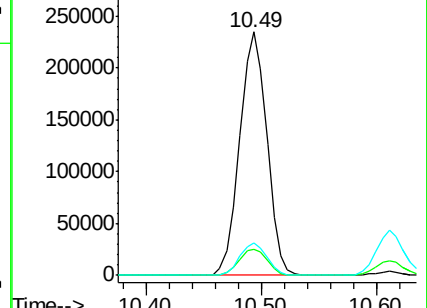
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.56 ng

RT: 9.64 min Scan# 1182

Delta R.T. -0.16 min

Lab File: BG016514.D

Acq: 18 Apr 2015 8:54

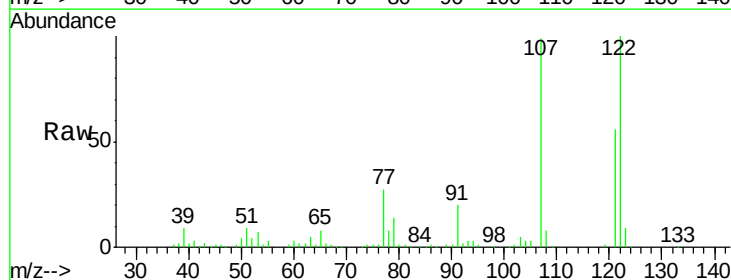
Tgt Ion:122 Resp: 129449

Ion Ratio Lower Upper

122 100

105 3.0 99.7 139.7#

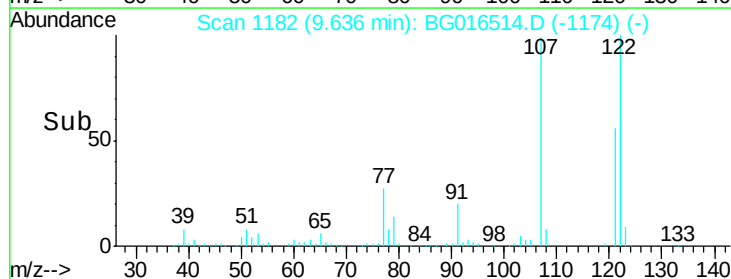
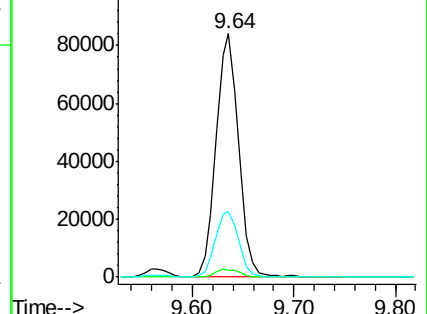
77 27.2 66.8 106.8#

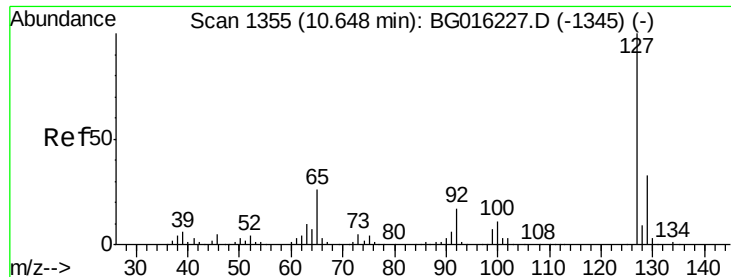


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

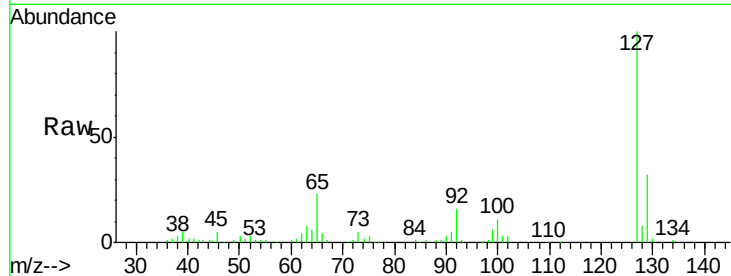




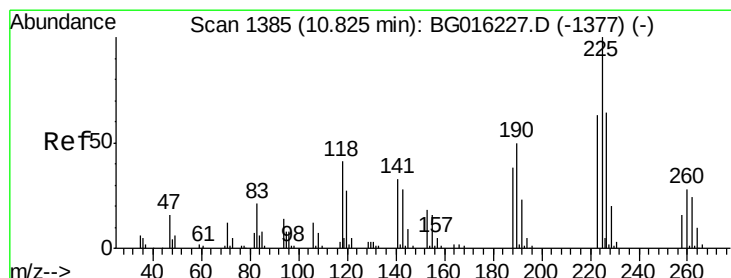
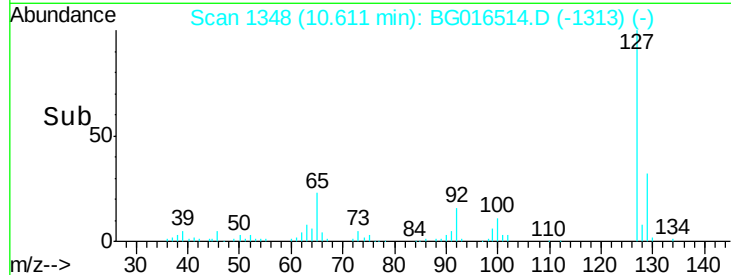
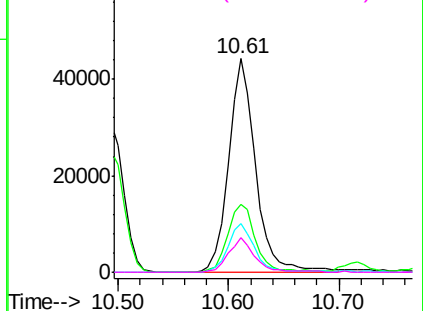
#33
4-Chloroaniline
Concen: 10.06 ng
RT: 10.61 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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

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

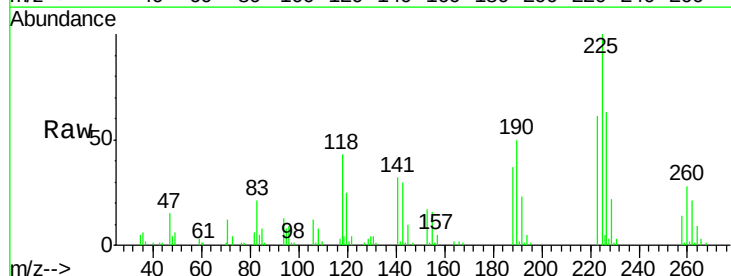


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

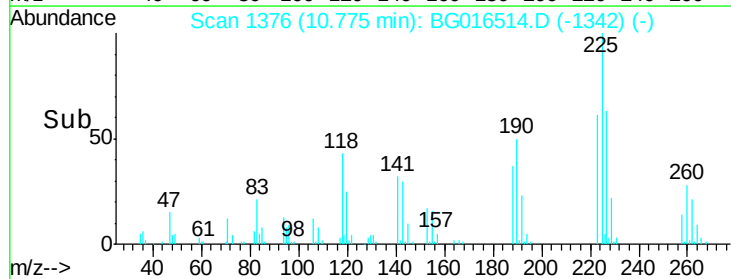
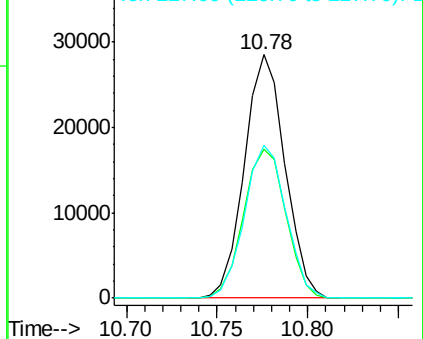


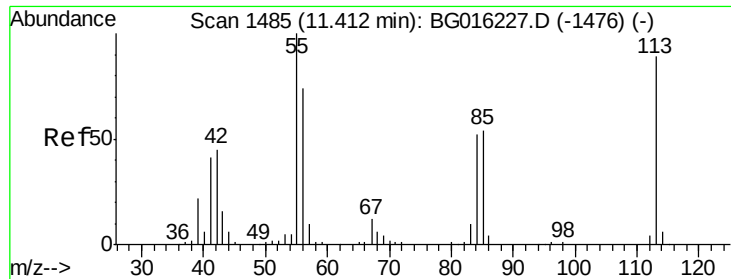
#34
Hexachlorobutadiene
Concen: 24.66 ng
RT: 10.78 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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

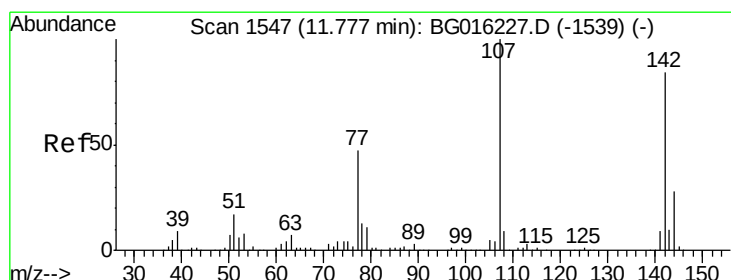
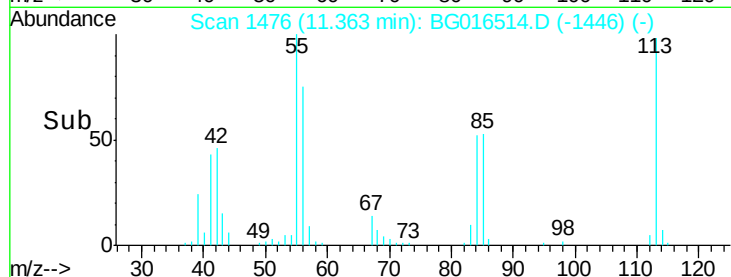
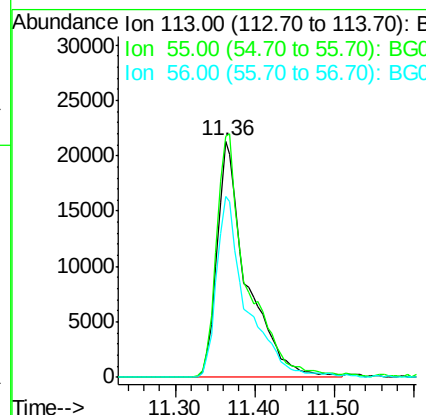
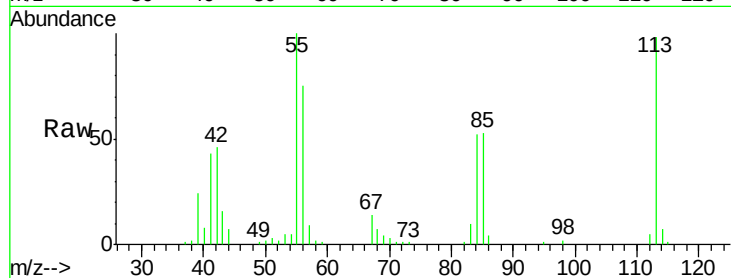




#35
 Caprolactam
 Concen: 22.54 ng
 RT: 11.36 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

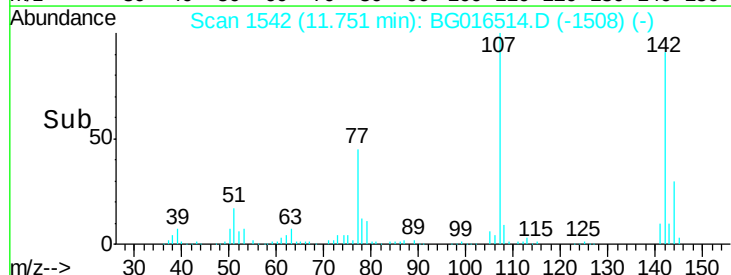
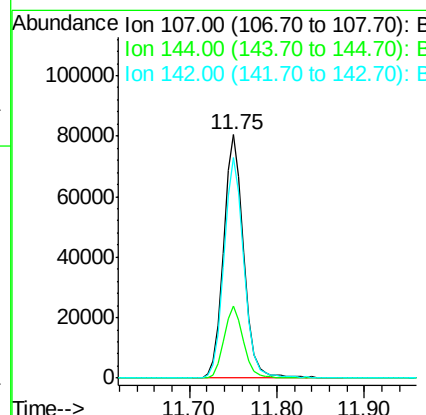
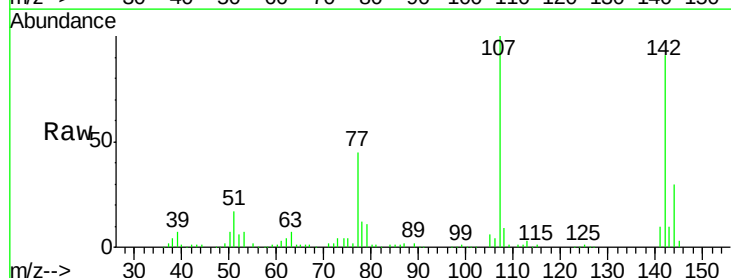
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

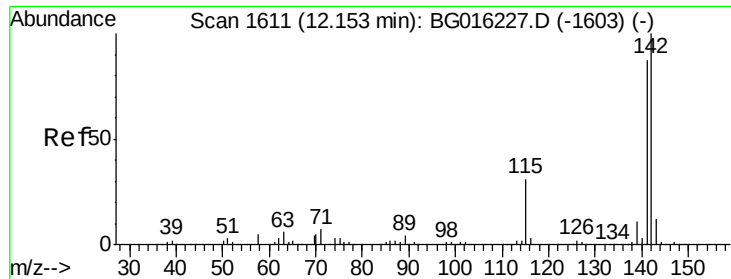
Tgt Ion:113 Resp: 55520
 Ion Ratio Lower Upper
 113 100
 55 102.0 92.4 132.4
 56 76.4 63.2 103.2



#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

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

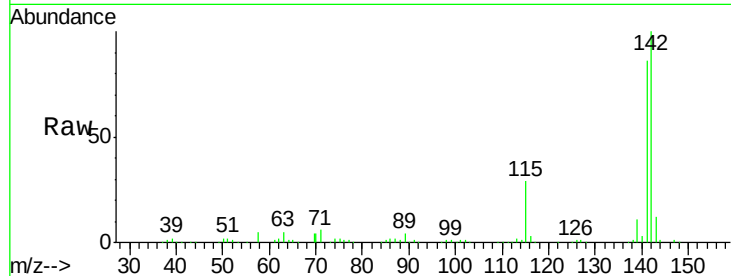




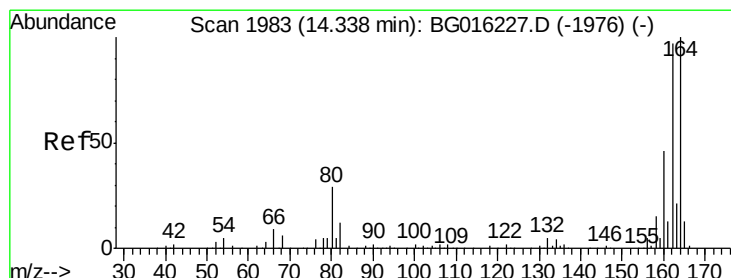
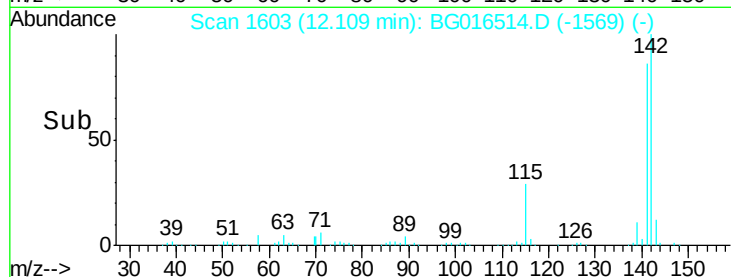
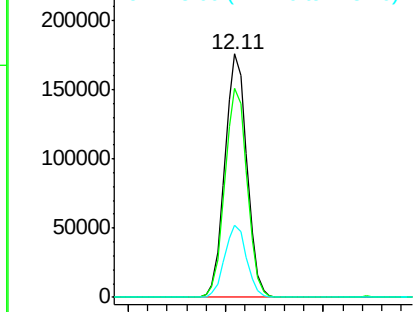
#37
 2-Methylnaphthalene
 Concen: 23.78 ng
 RT: 12.11 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

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

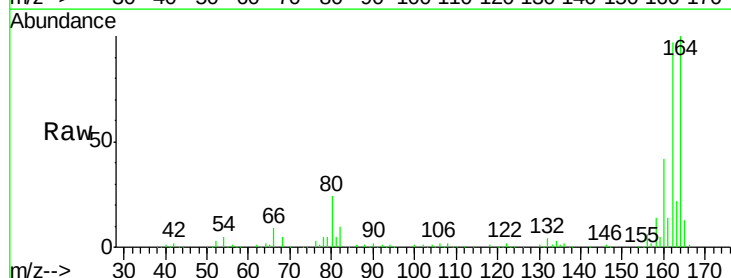


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

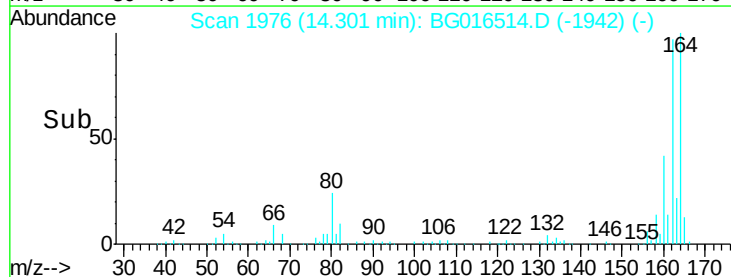
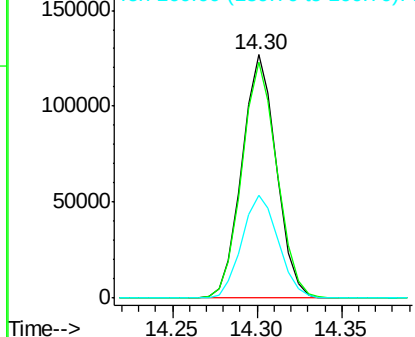


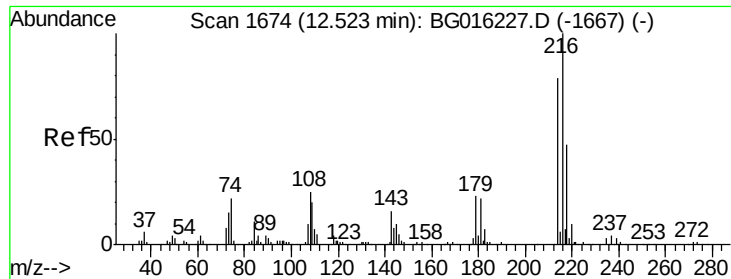
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

Tgt Ion:216 Resp: 96845

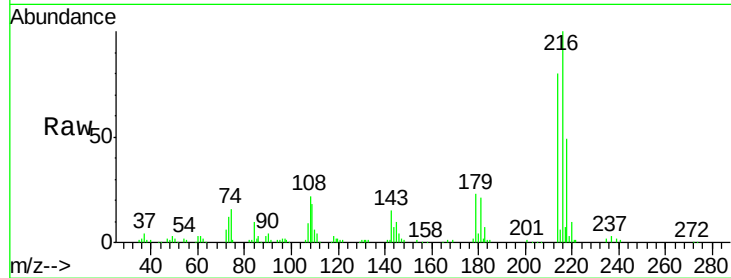
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.0

179 23.2 18.2 27.2

108 24.5 21.2 31.8

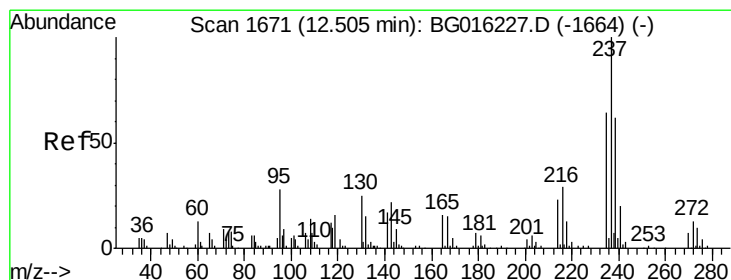
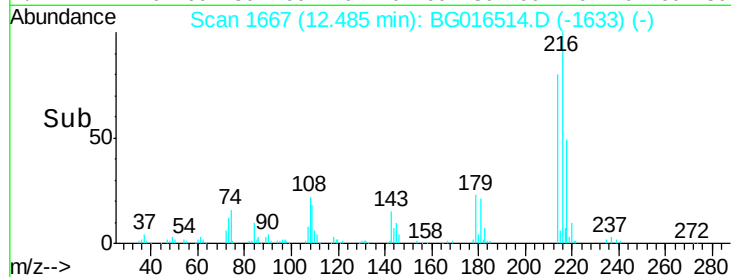
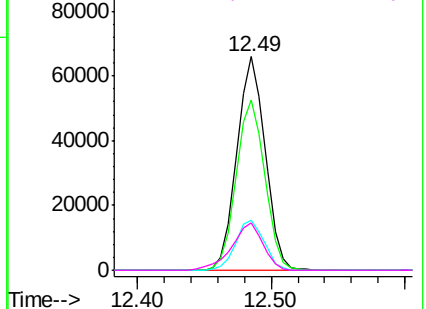


Abundance Ion 216.00 (215.70 to 216.70): E

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

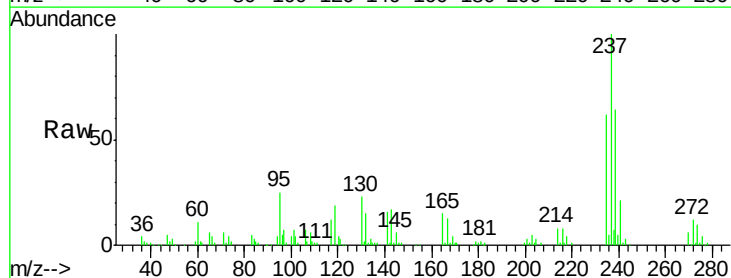
Tgt Ion:237 Resp: 67609

Ion Ratio Lower Upper

237 100

235 61.8 43.9 83.9

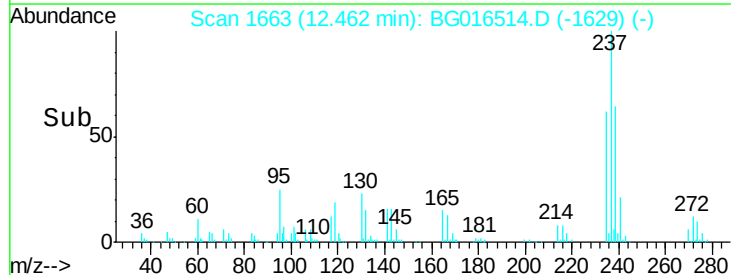
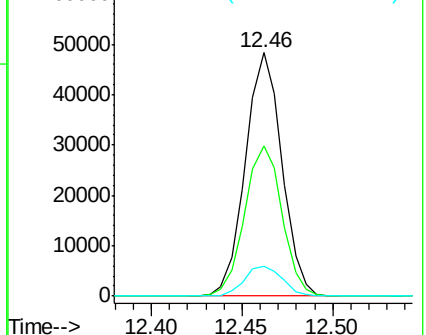
272 12.3 0.0 33.1

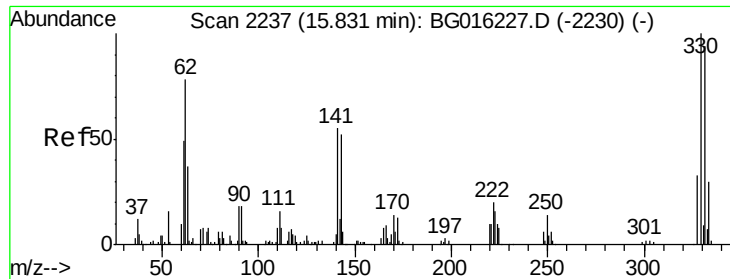


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

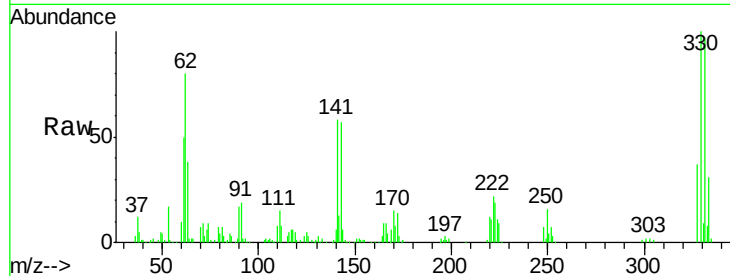




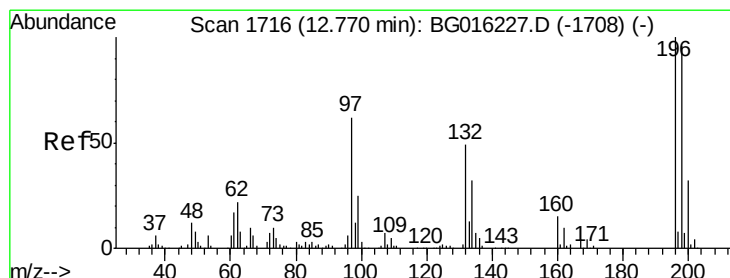
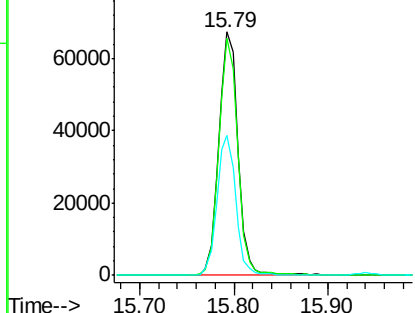
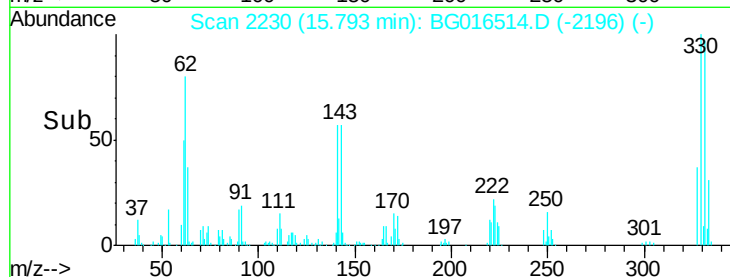
#41
 2,4,6-Tribromophenol
 Concen: 79.33 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

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

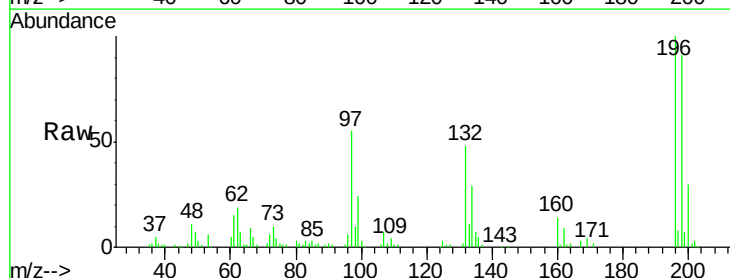


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

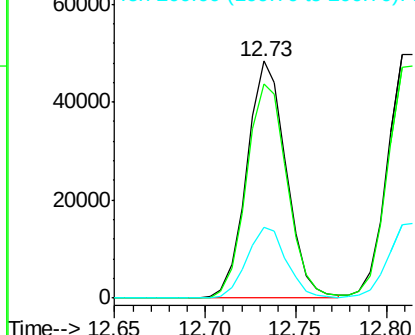
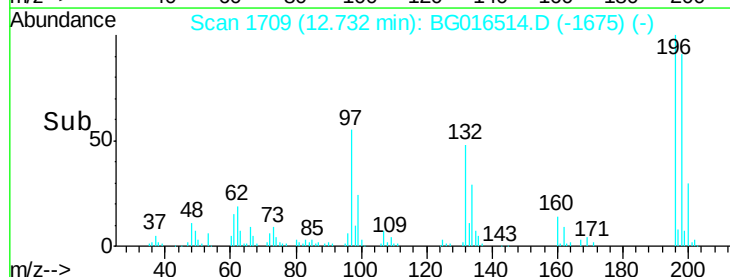


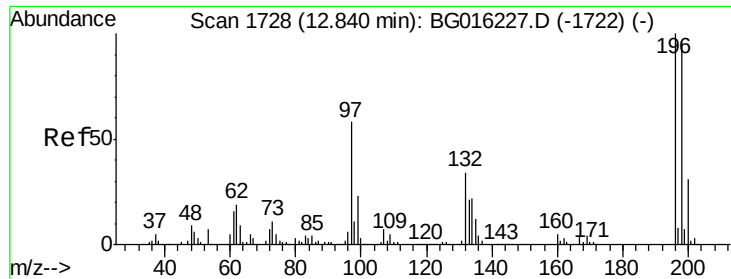
#42
 2,4,6-Trichlorophenol
 Concen: 24.79 ng
 RT: 12.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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



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

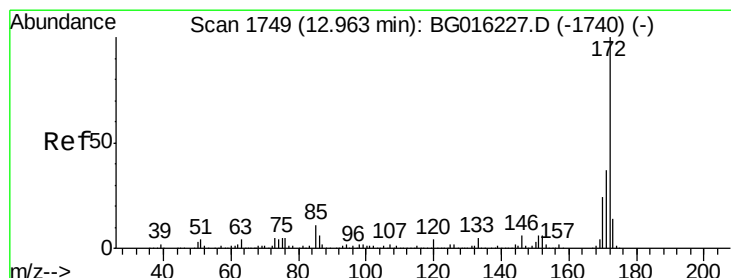
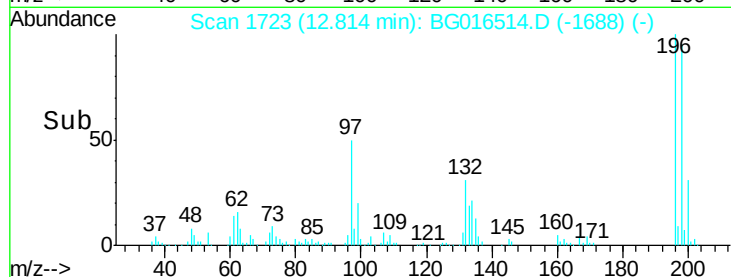
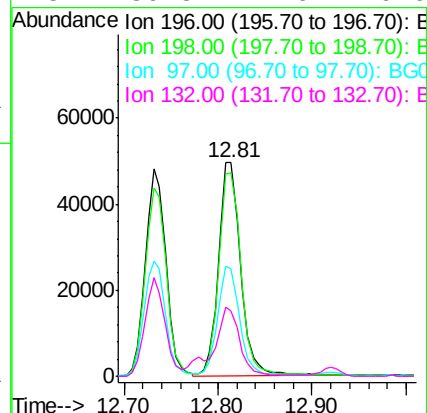
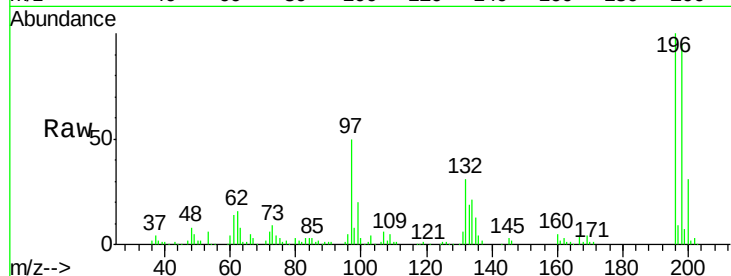




#43
 2,4,5-Trichlorophenol
 Concen: 26.16 ng
 RT: 12.81 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

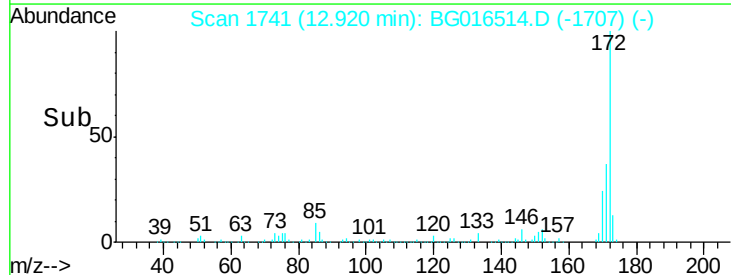
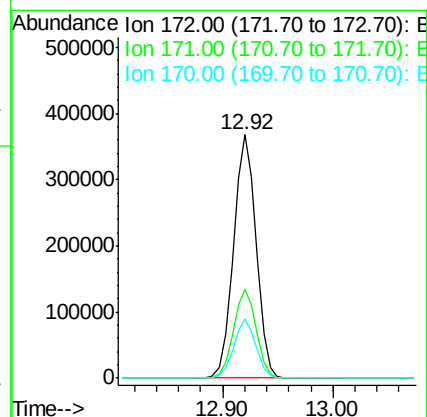
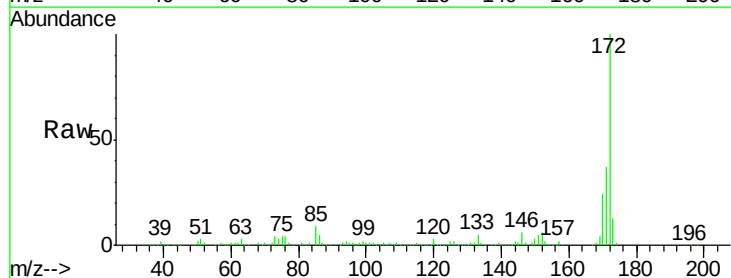
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

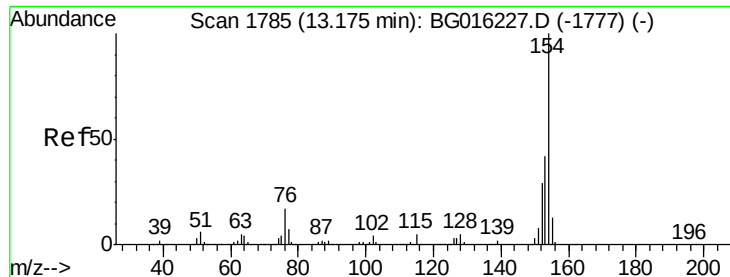
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.1	115.7
97	50.4	46.6	69.8
132	30.8	27.0	40.6



#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

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

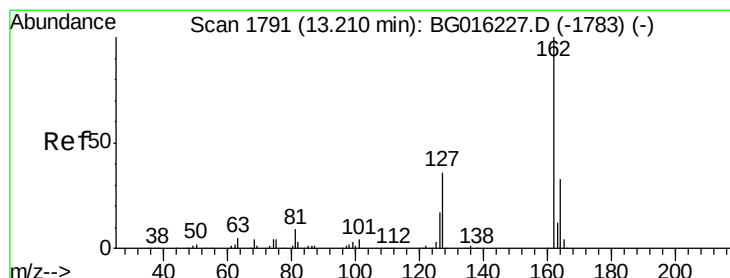
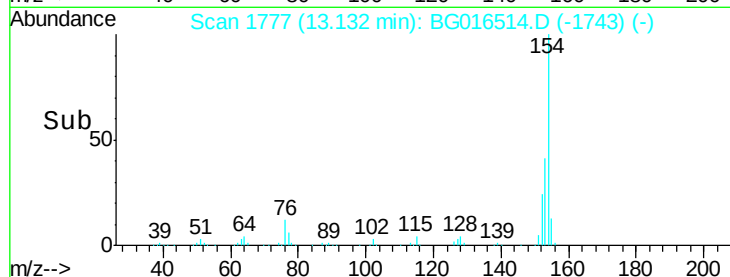
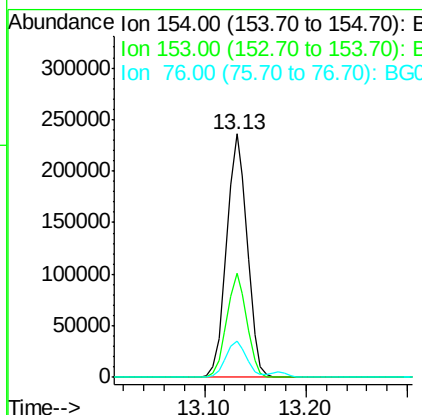
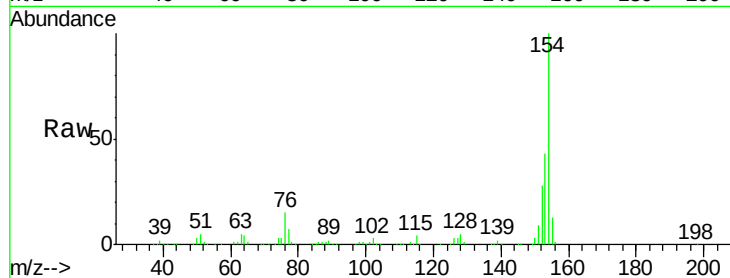




#45
 1,1'-Biphenyl
 Concen: 24.10 ng
 RT: 13.13 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

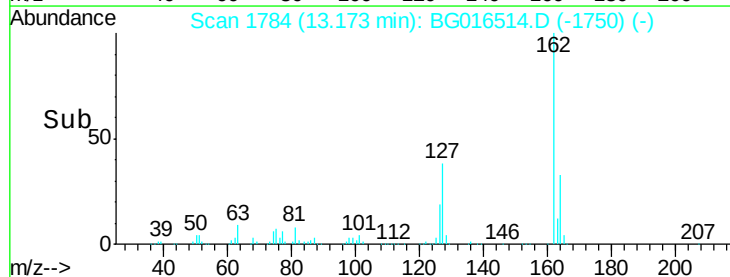
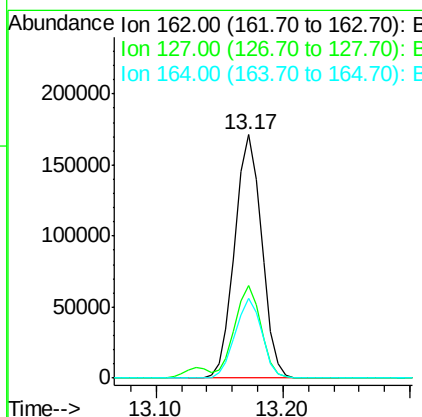
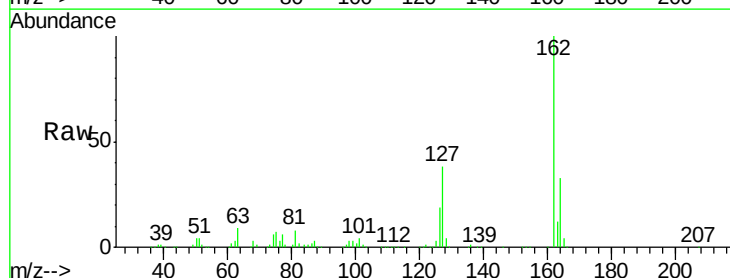
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

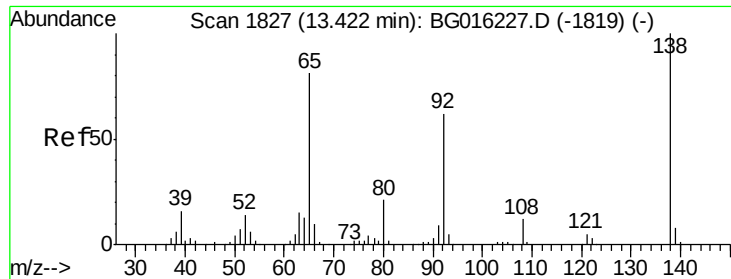
Tgt Ion:154 Resp: 331858
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.4 62.4
 76 14.9 0.0 37.1



#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

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

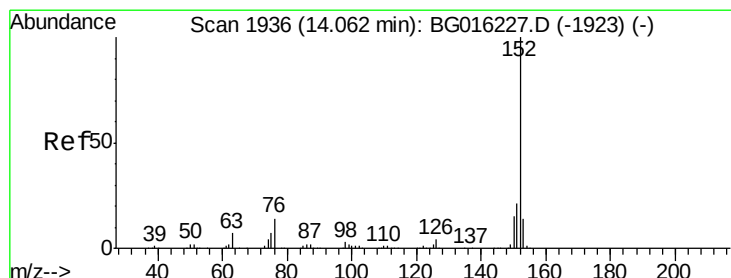
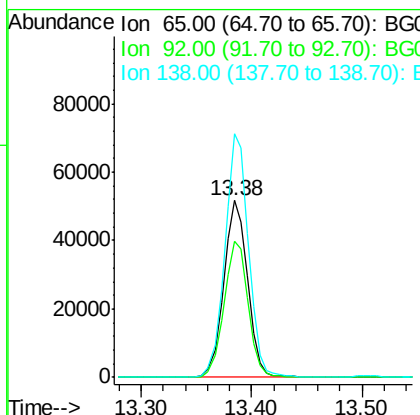
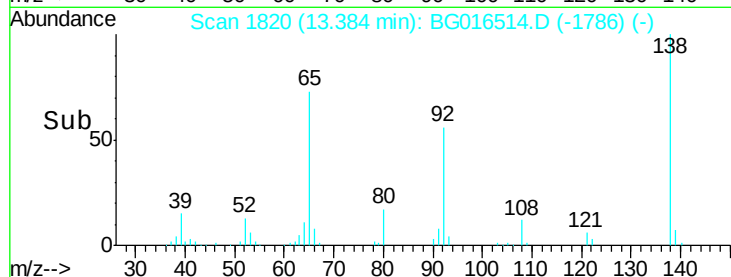
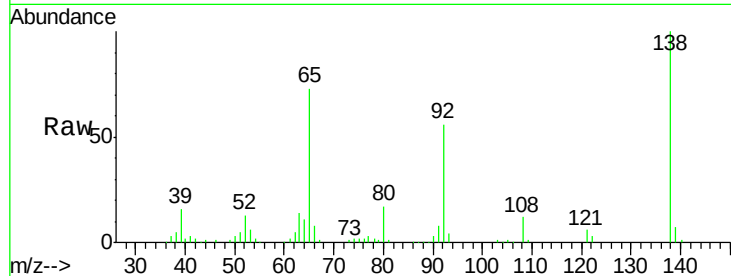




#47
 2-Nitroaniline
 Concen: 23.08 ng
 RT: 13.38 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

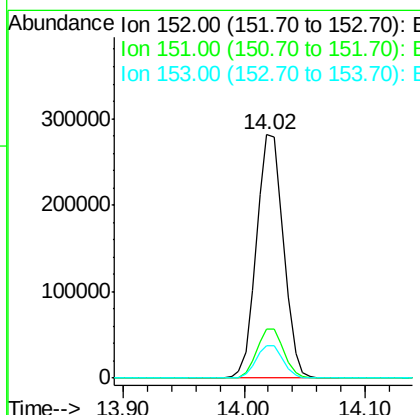
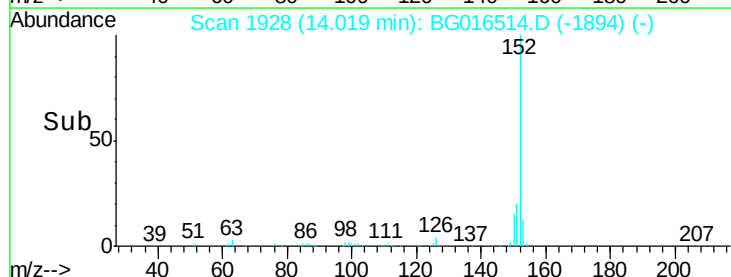
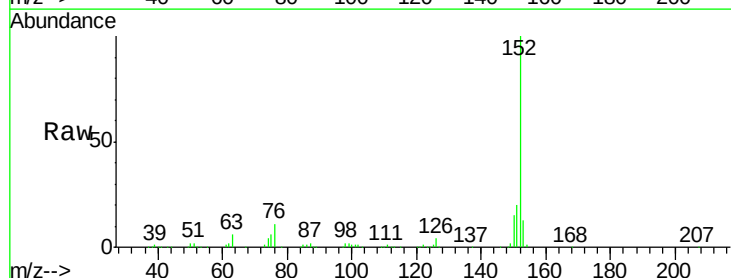
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

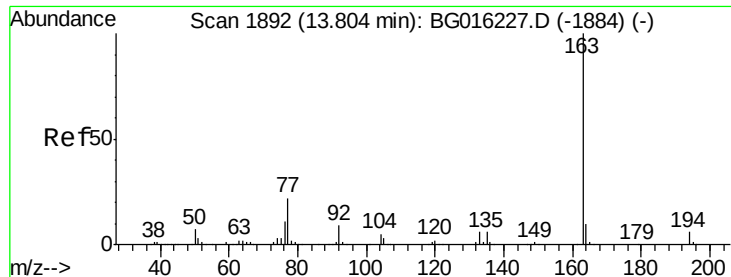
Tgt Ion: 65 Resp: 78025
 Ion Ratio Lower Upper
 65 100
 92 77.1 61.0 91.6
 138 137.9 98.7 148.1



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

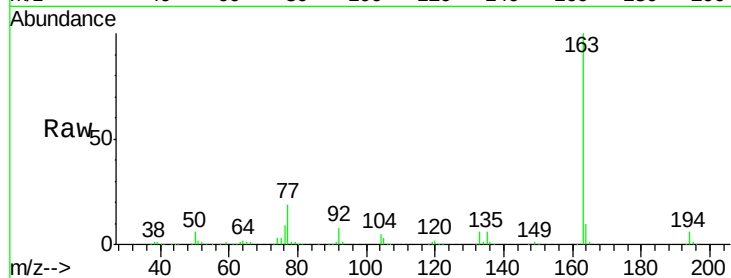
Tgt Ion:163 Resp: 337140

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

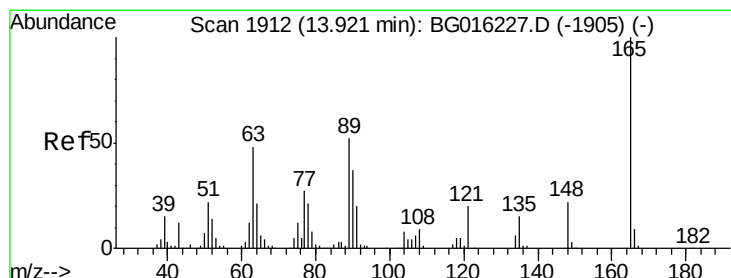
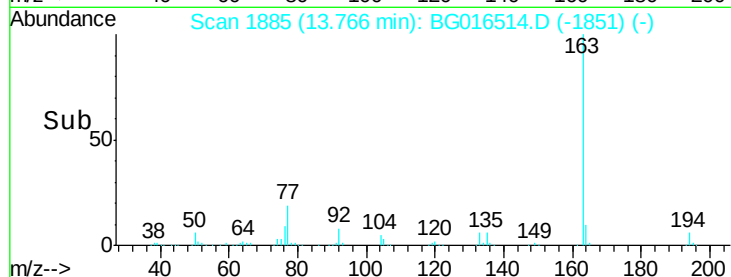
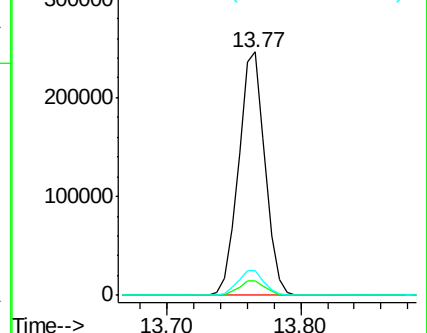
164 10.0 8.2 12.4



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

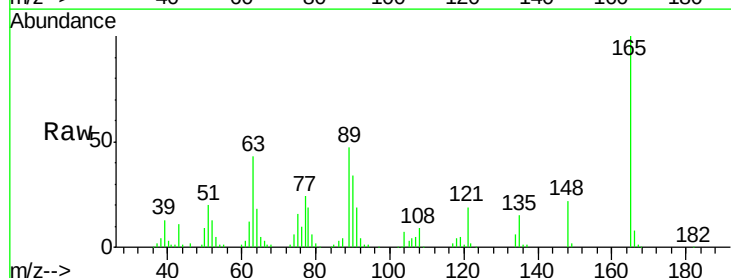
Tgt Ion:165 Resp: 77501

Ion Ratio Lower Upper

165 100

63 42.9 39.3 58.9

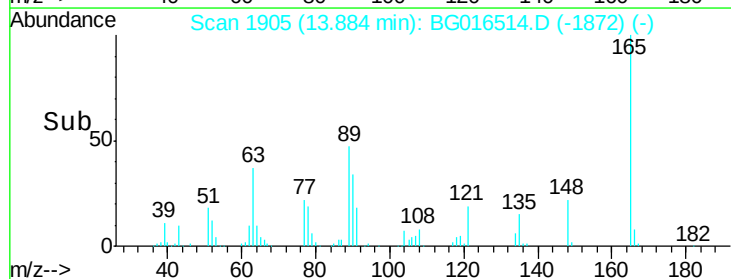
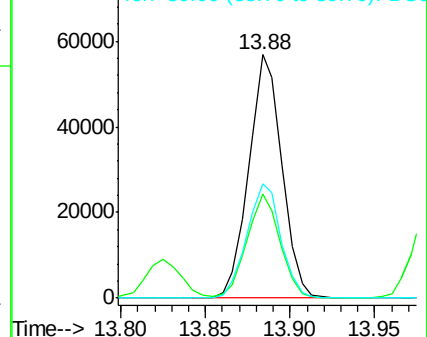
89 47.0 41.3 61.9

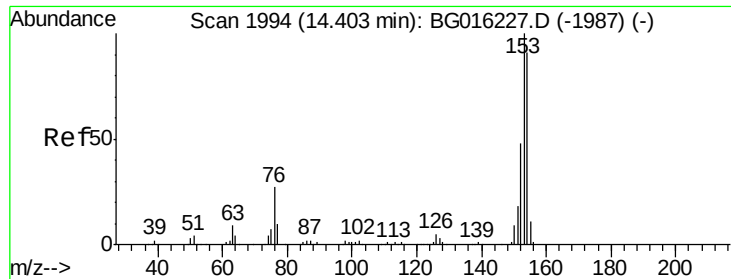


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

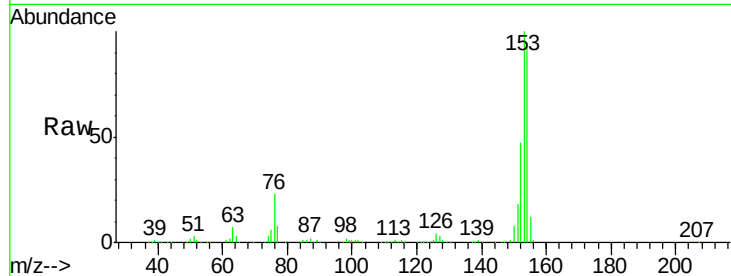
Tgt Ion:154 Resp: 262179

Ion Ratio Lower Upper

154 100

153 108.5 87.5 131.3

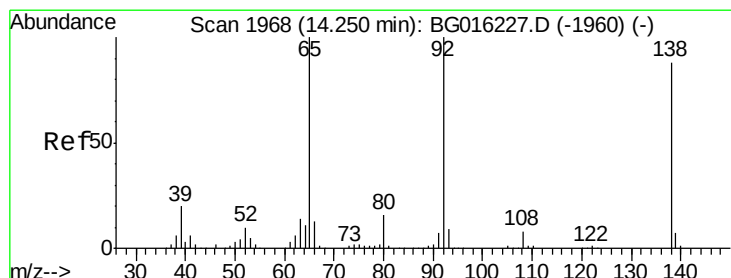
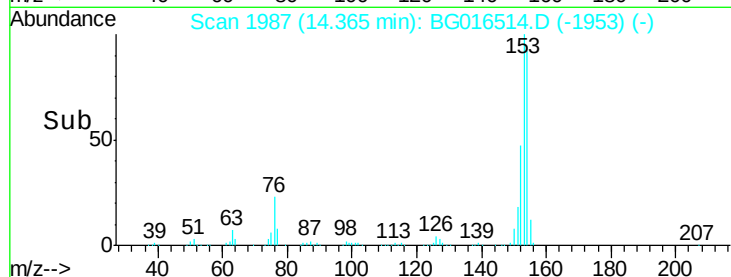
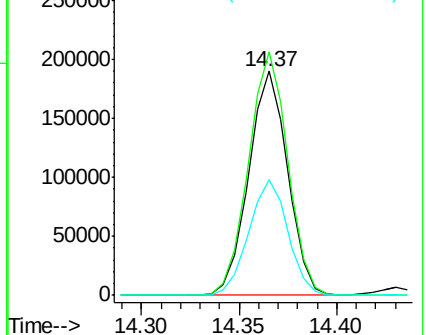
152 51.4 42.1 63.1



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

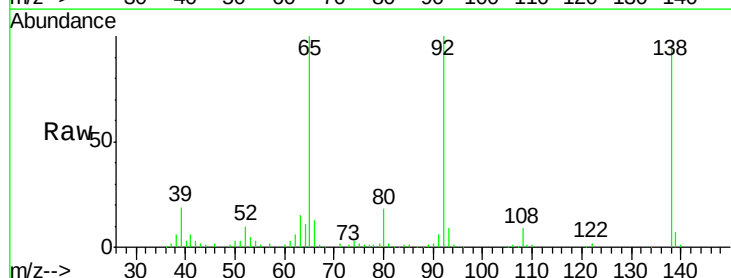
Tgt Ion:138 Resp: 63391

Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

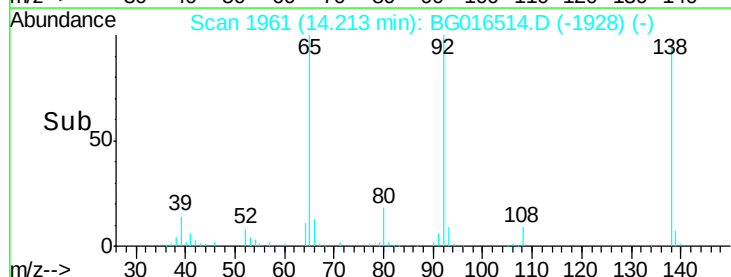
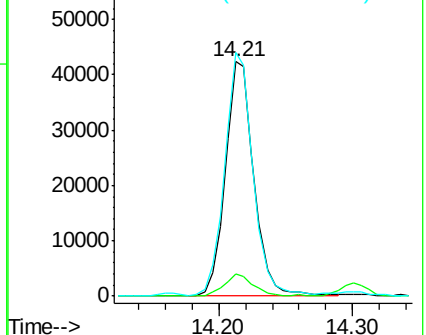
92 104.0 91.4 137.0

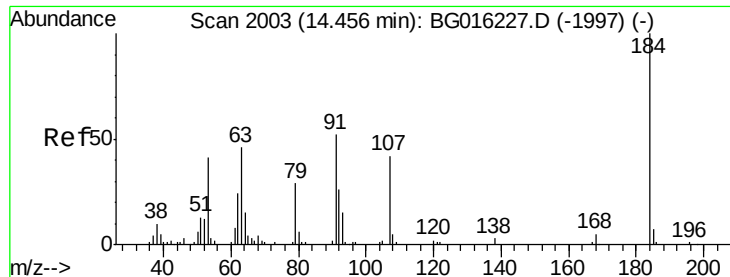


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

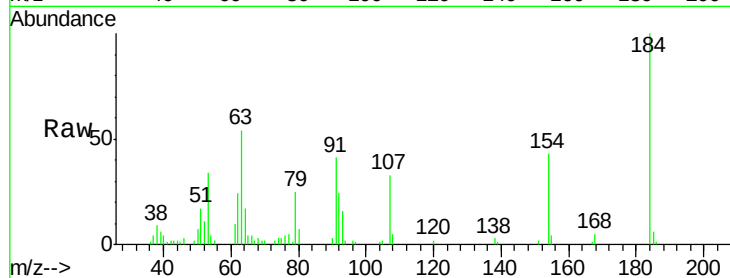




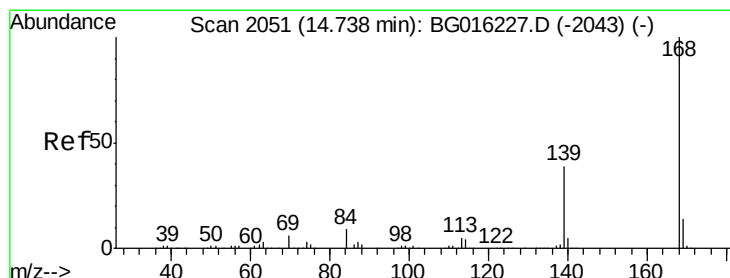
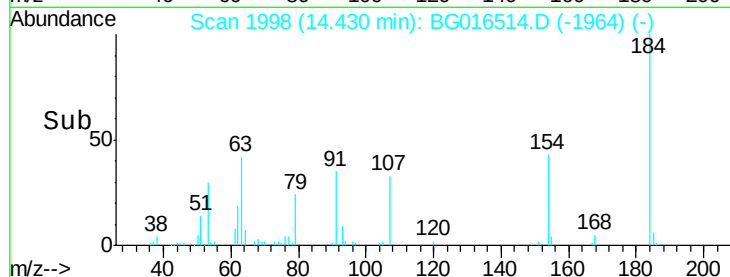
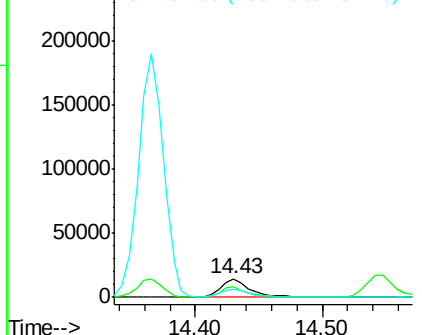
#53
 2,4-Dinitrophenol
 Concen: 19.93 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

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

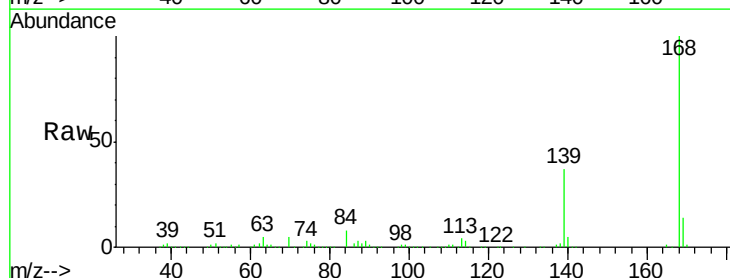


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

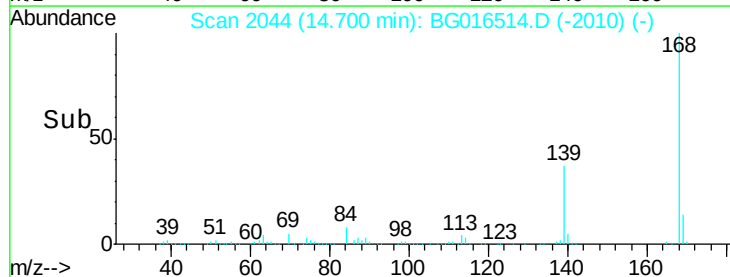
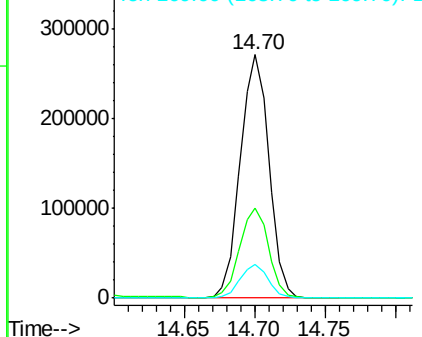


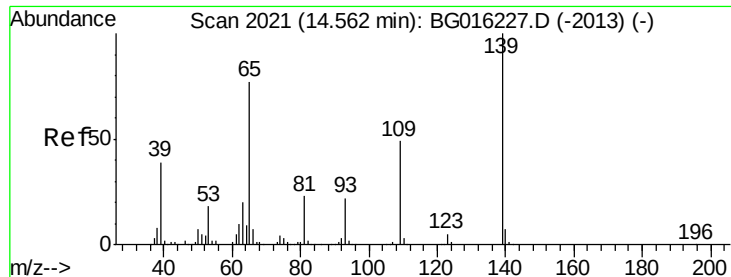
#54
 Dibenzofuran
 Concen: 24.91 ng
 RT: 14.70 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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



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

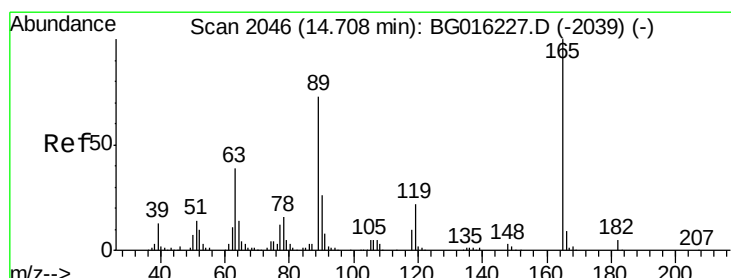
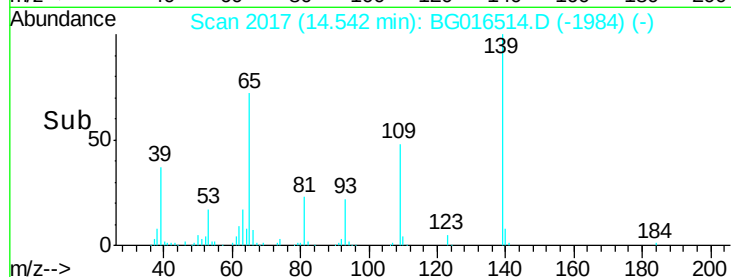
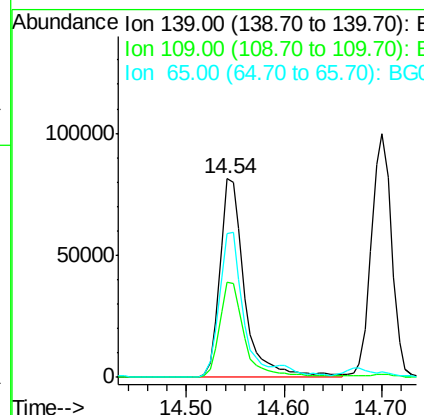
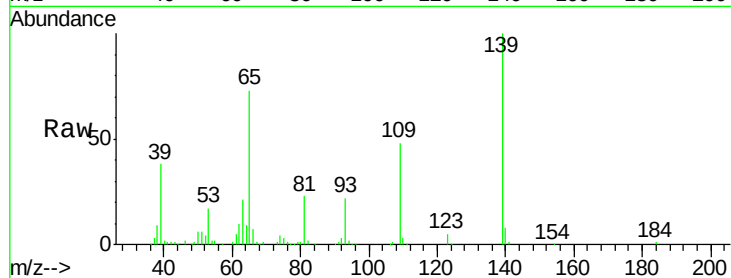




#55
4-Nitrophenol
Concen: 42.65 ng
RT: 14.54 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

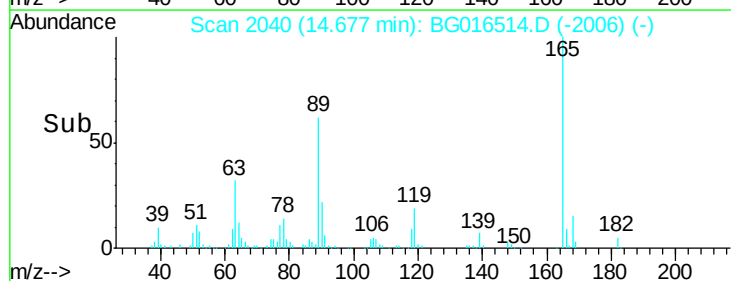
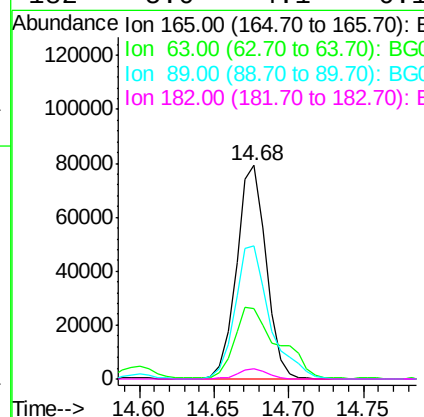
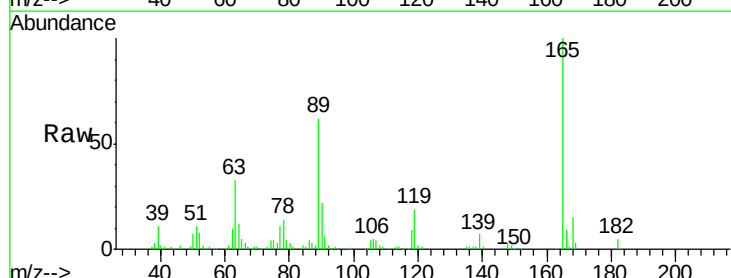
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

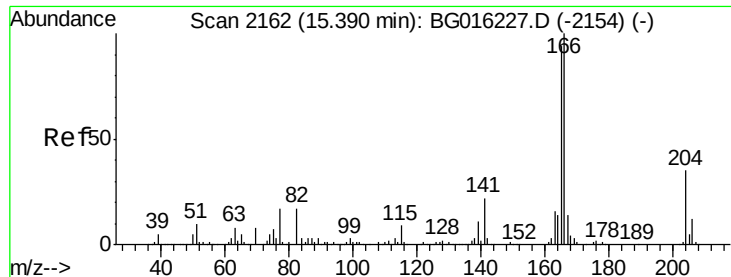
Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.7	28.5	68.5
65	72.7	56.9	96.9



#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

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

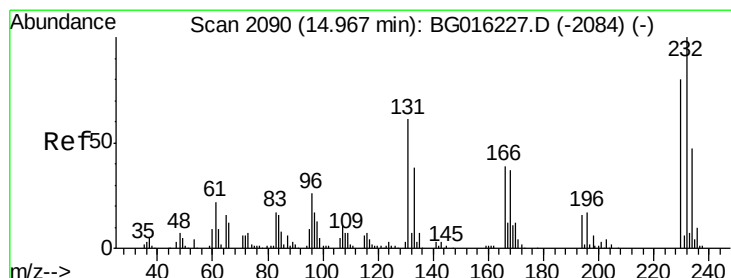
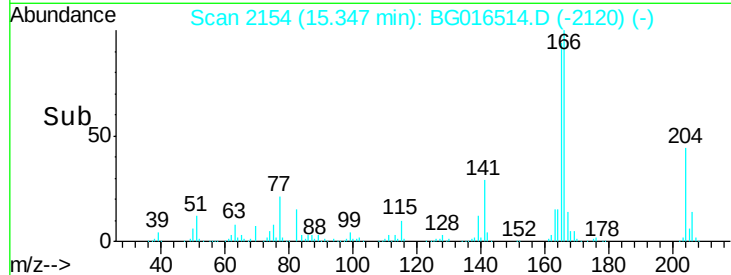
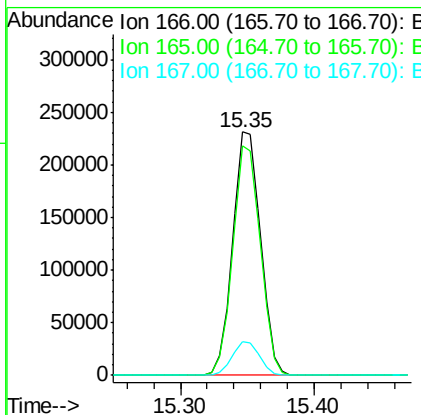
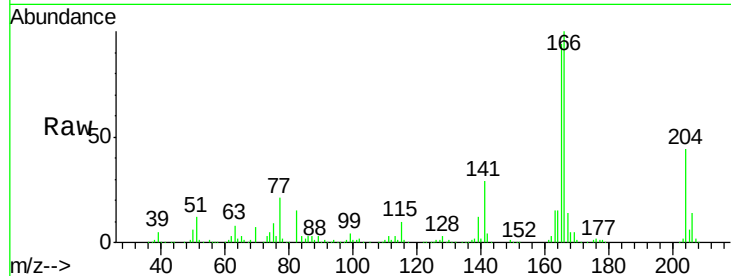




#57
Fluorene
 Concen: 24.55 ng
 RT: 15.35 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

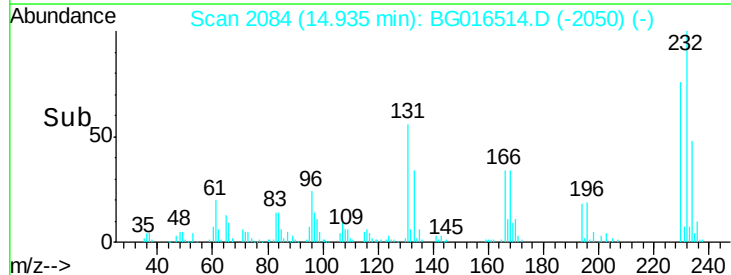
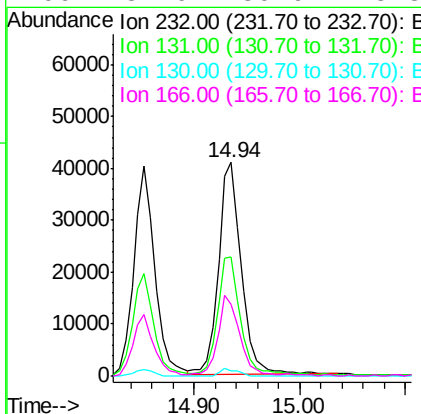
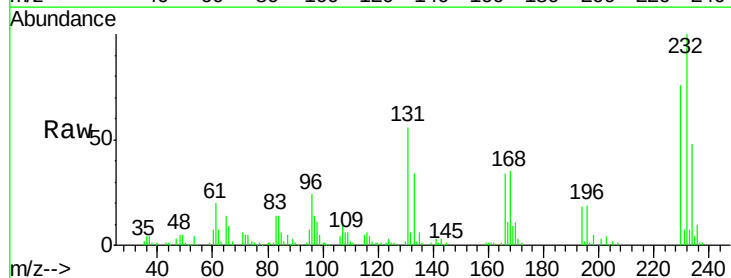
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

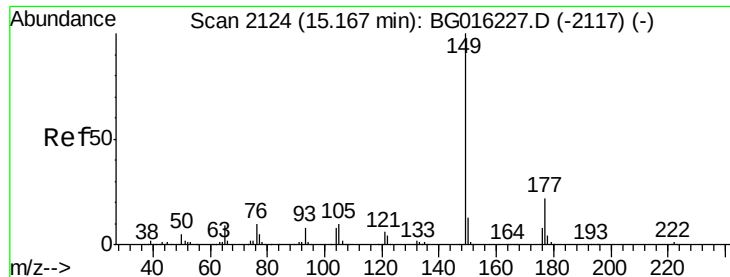
Tgt Ion:	166	Resp:	335002
Ion	Ratio	Lower	Upper
166	100		
165	94.3	75.2	112.8
167	14.1	11.3	16.9



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

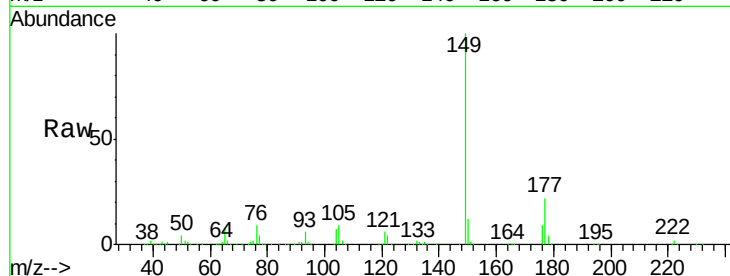
Tgt Ion:149 Resp: 323535

Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

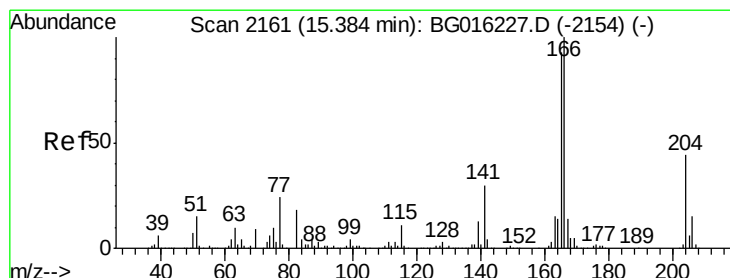
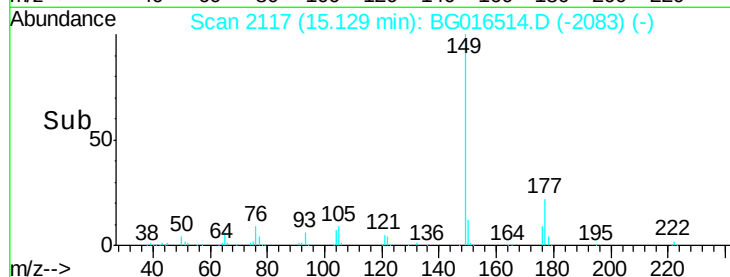
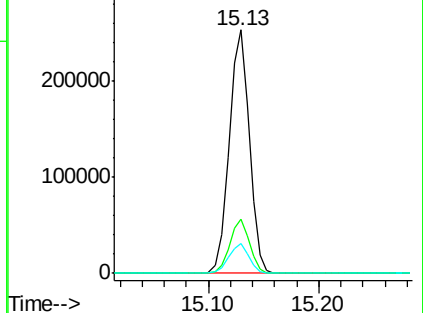
150 12.1 10.0 15.0



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

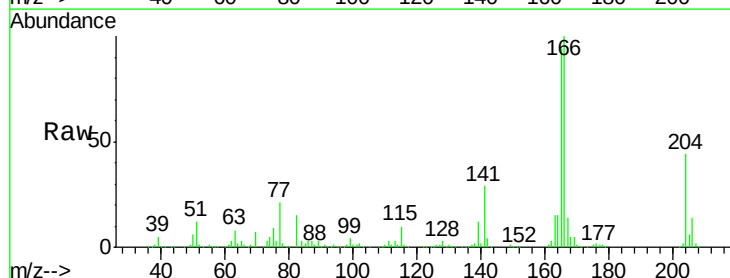
Tgt Ion:204 Resp: 134156

Ion Ratio Lower Upper

204 100

206 32.5 27.6 41.4

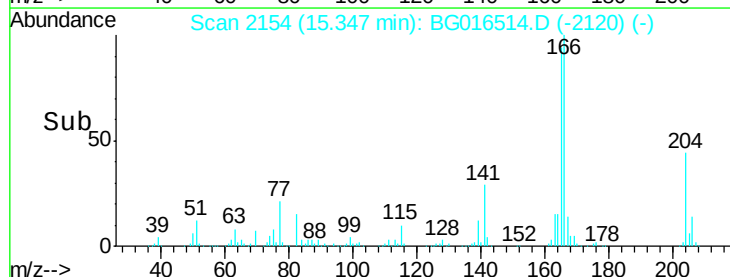
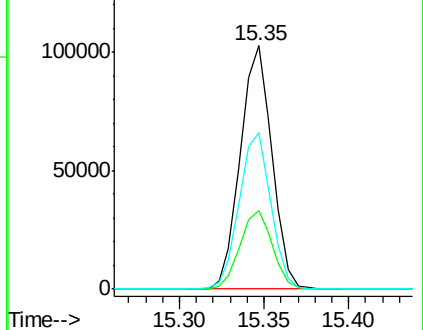
141 64.5 55.4 83.2

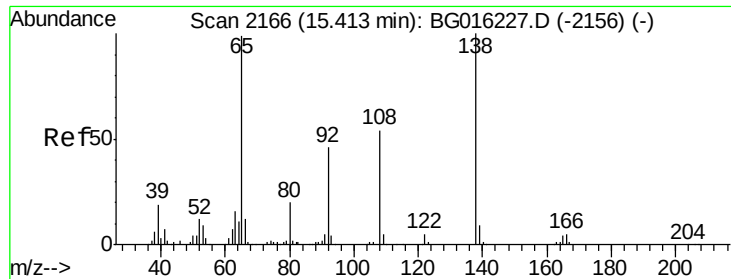


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

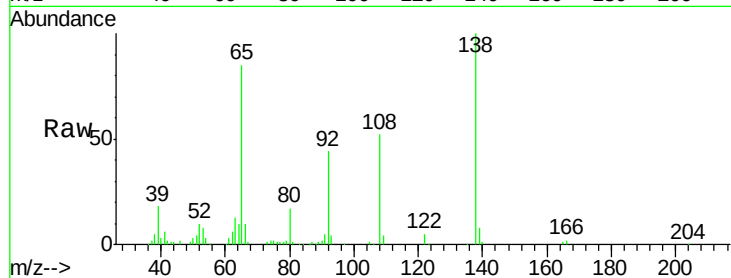




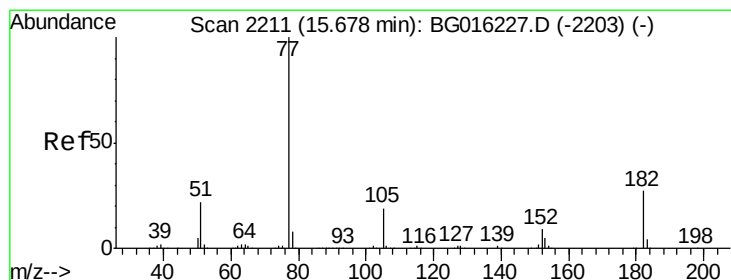
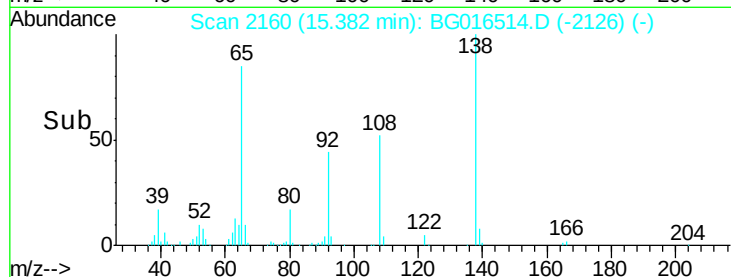
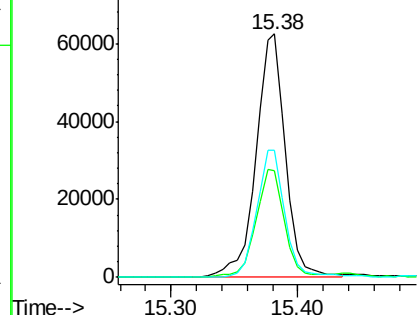
#61
4-Nitroaniline
Concen: 21.88 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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

Tgt Ion: 138 Resp: 100927
Ion Ratio Lower Upper
138 100
92 43.7 26.3 66.3
108 52.3 33.6 73.6

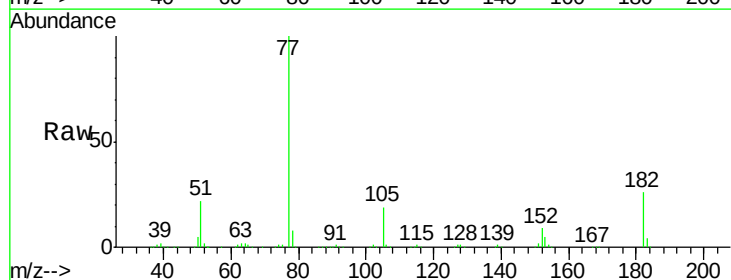


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

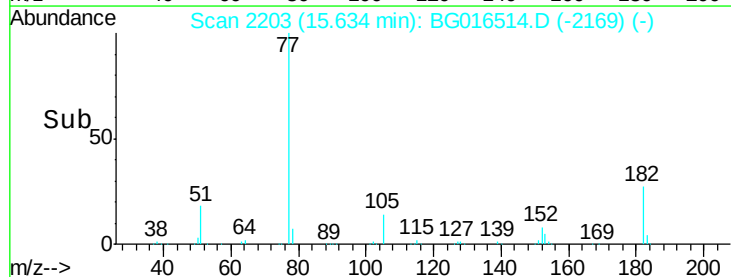
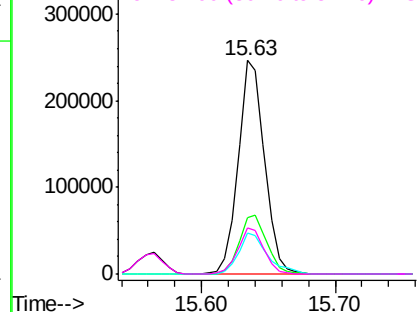


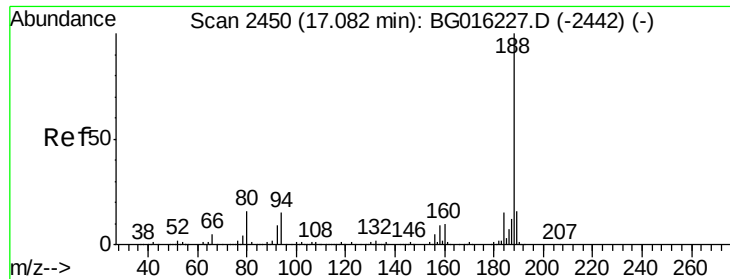
#62
Azobenzene
Concen: 22.58 ng
RT: 15.63 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

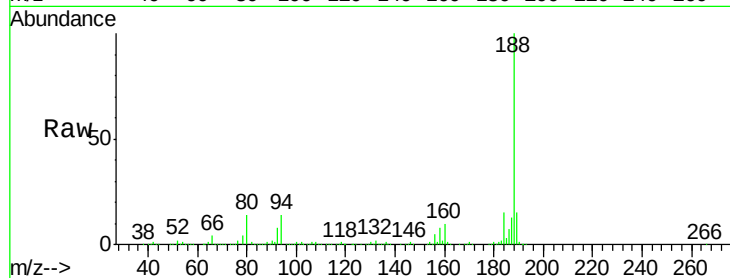




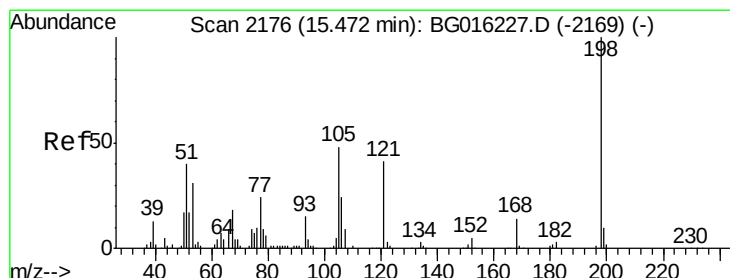
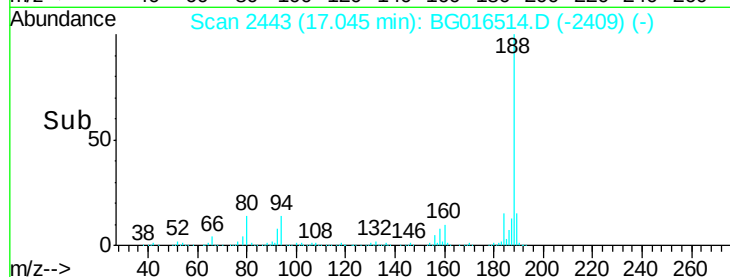
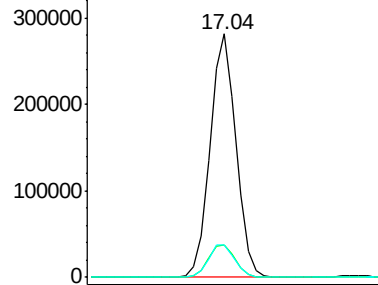
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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

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

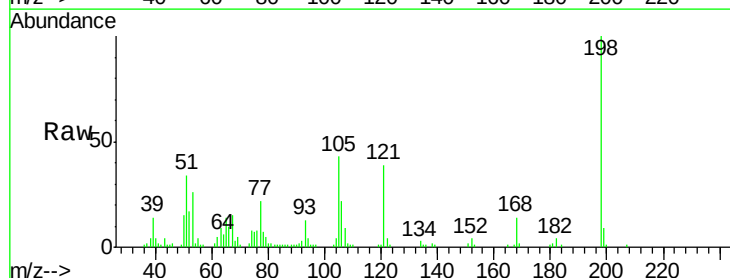


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

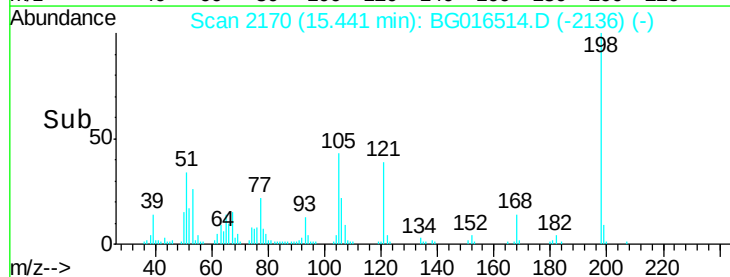
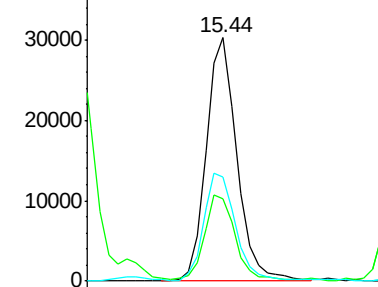


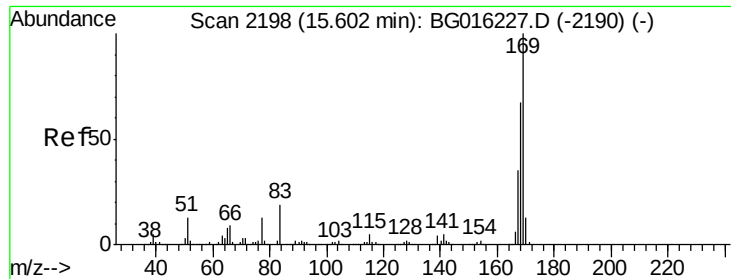
#64
4,6-Dinitro-2-methylphenol
Concen: 18.96 ng
RT: 15.44 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

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



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

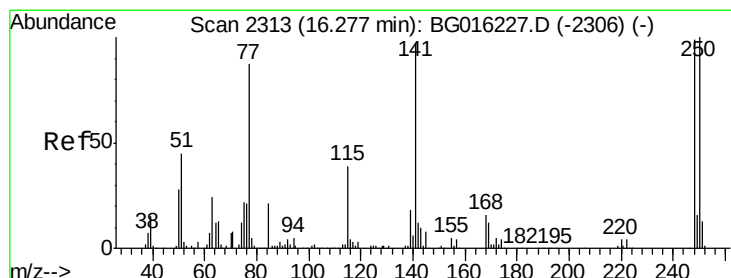
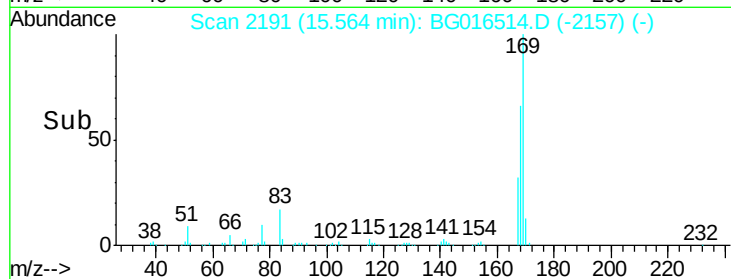
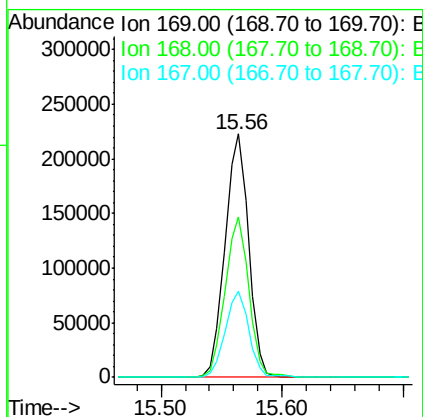
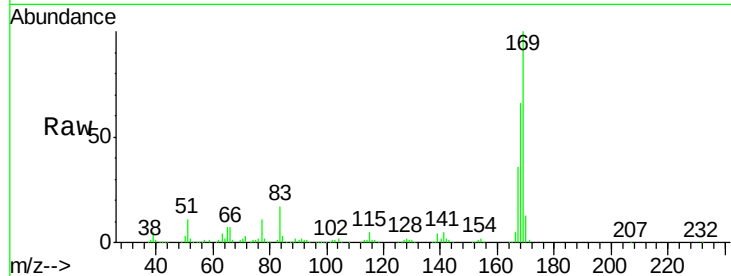




#65
n-Nitrosodiphenylamine
Concen: 23.67 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

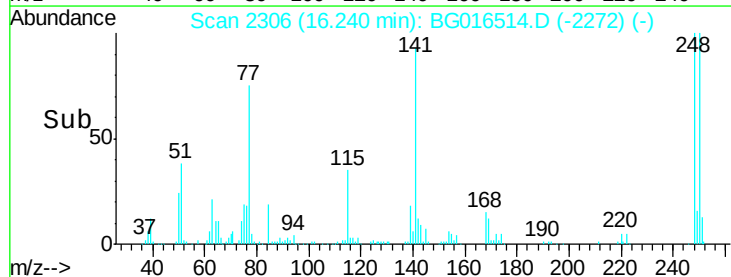
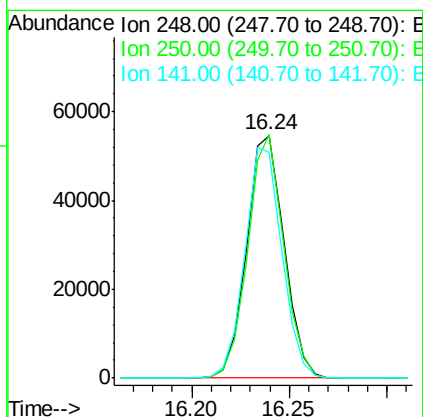
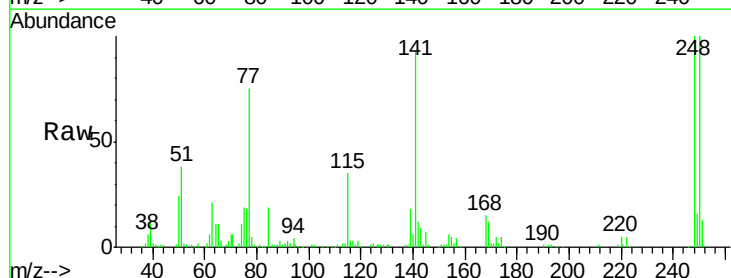
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

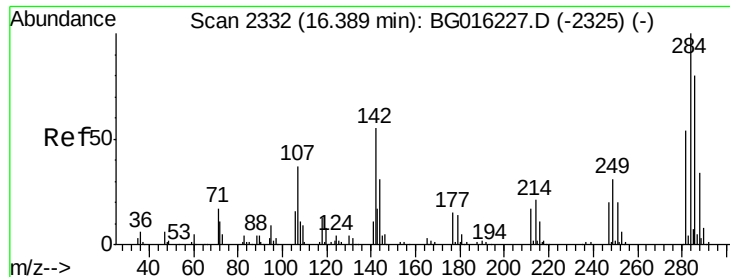
Tgt Ion:169 Resp: 301253
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 35.6 28.3 42.5



#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

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

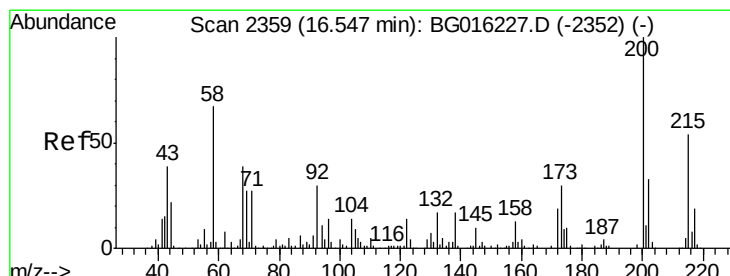
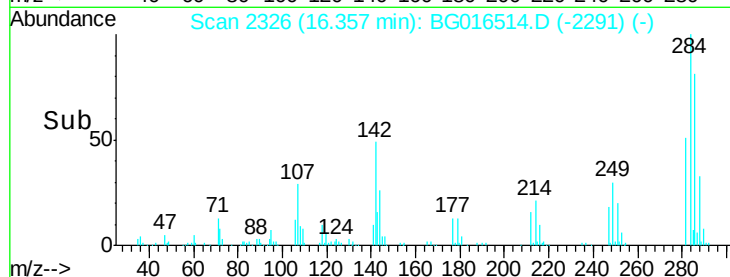
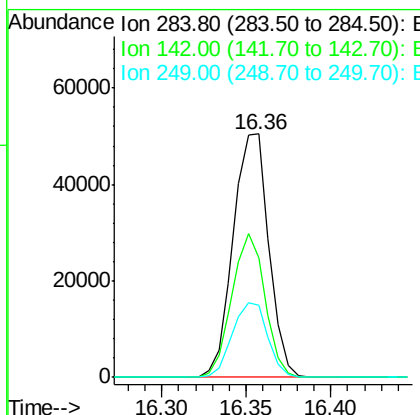
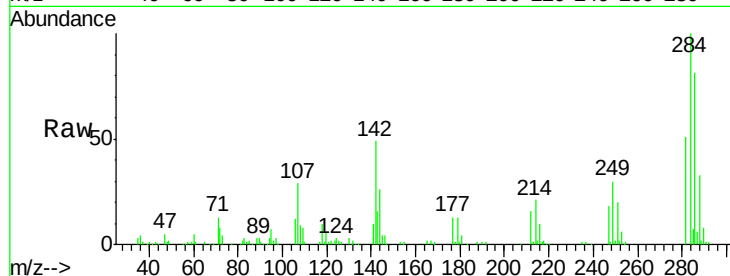




#67
Hexachlorobenzene
Concen: 23.68 ng
RT: 16.36 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

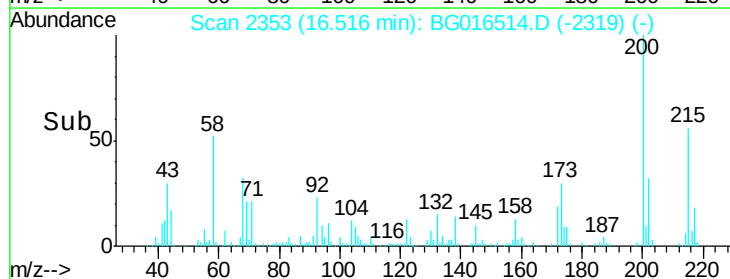
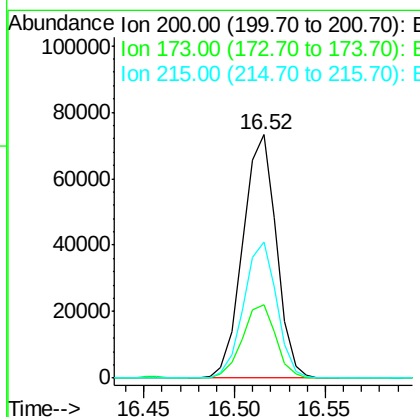
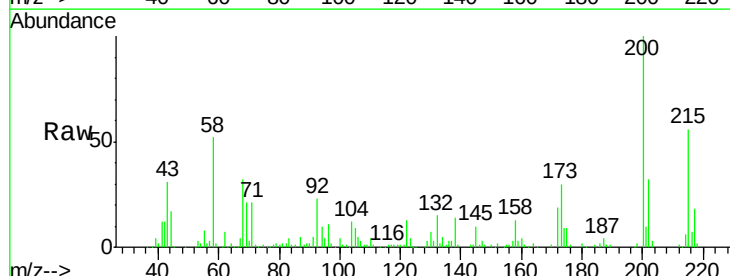
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

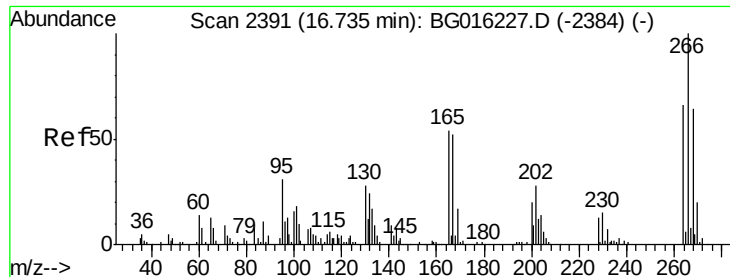
Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.0	44.2	66.2
249	29.6	24.8	37.2



#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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	10.2	50.2
215	56.1	34.4	74.4





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

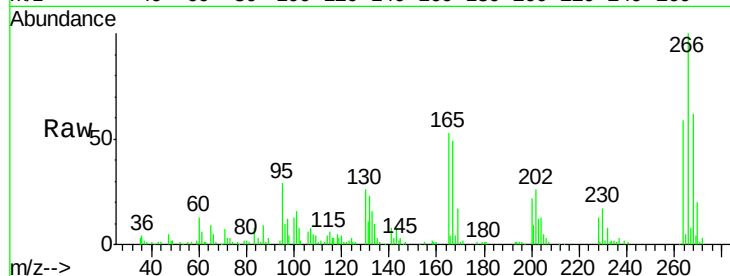
Tgt Ion:266 Resp: 70886

Ion Ratio Lower Upper

266 100

268 62.1 50.9 76.3

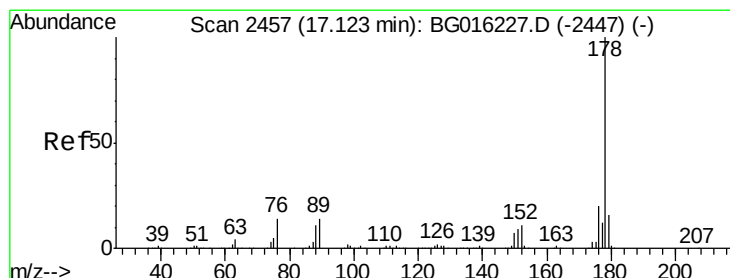
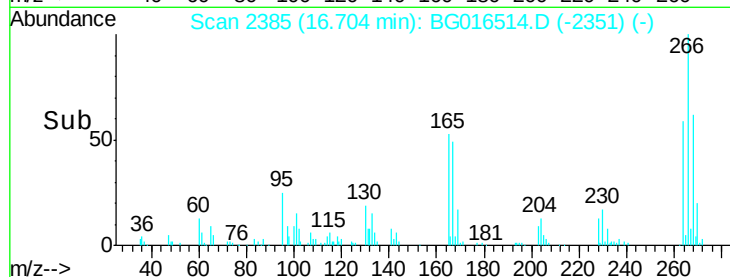
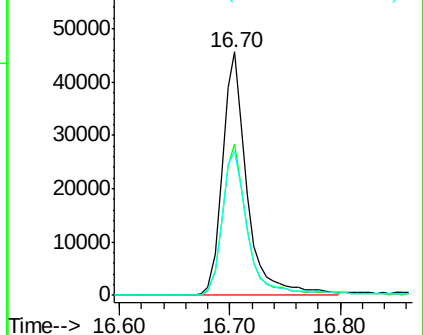
264 59.3 52.8 79.2



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

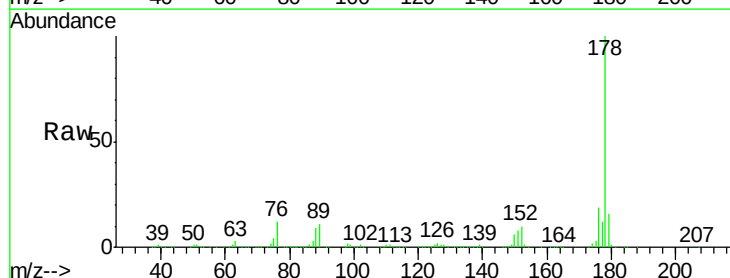
Tgt Ion:178 Resp: 512918

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

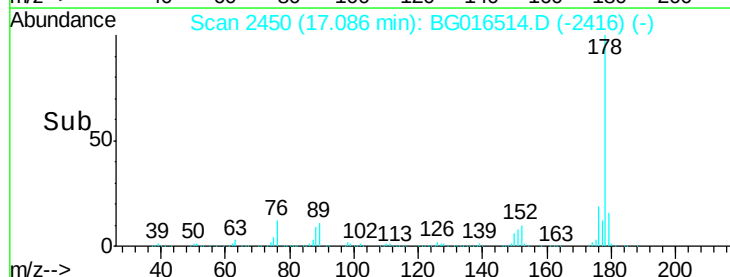
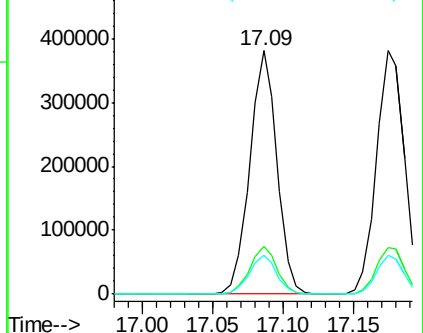
179 15.9 12.7 19.1

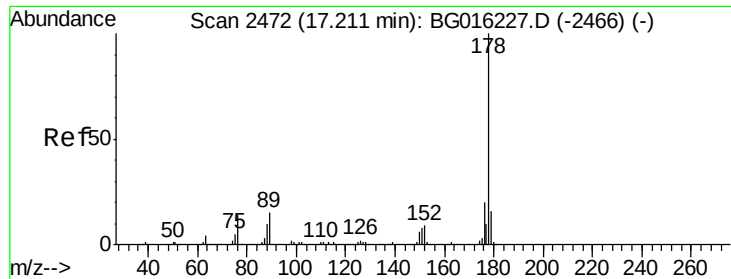


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

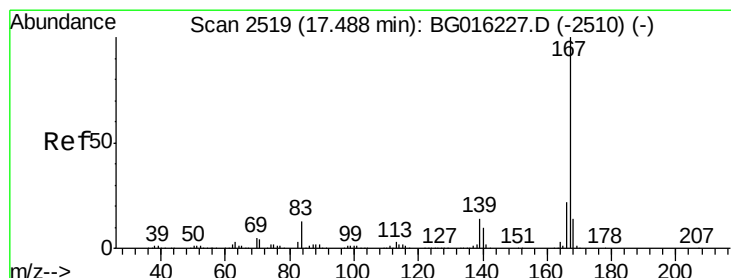
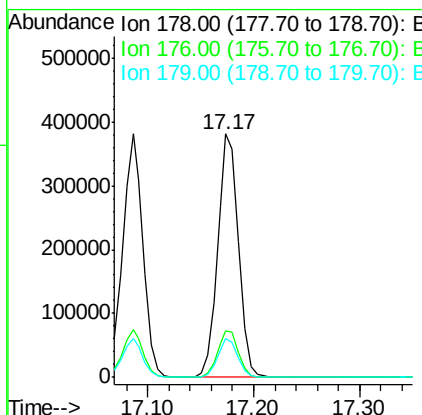
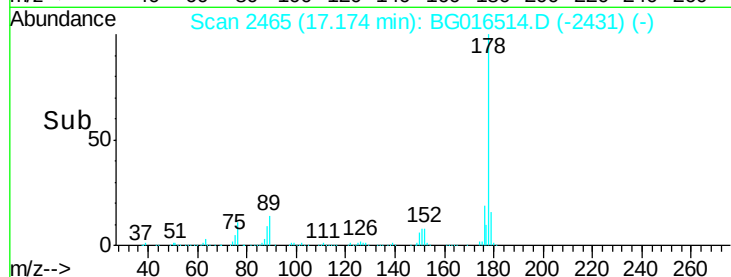
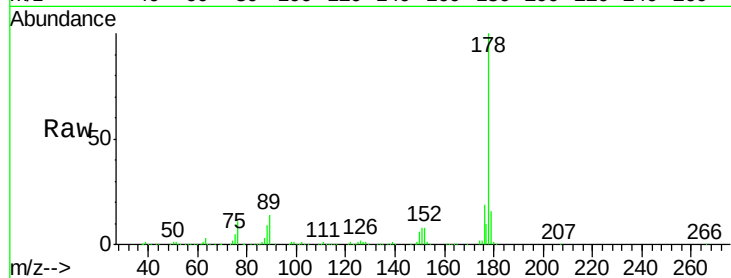




#71
 Anthracene
 Concen: 24.87 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

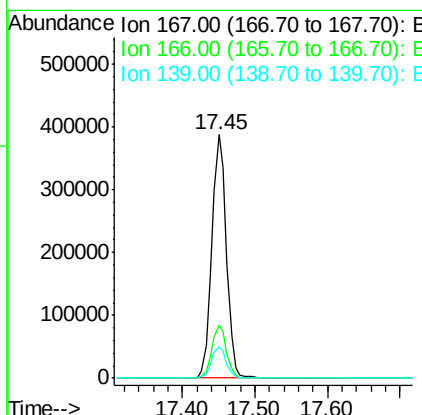
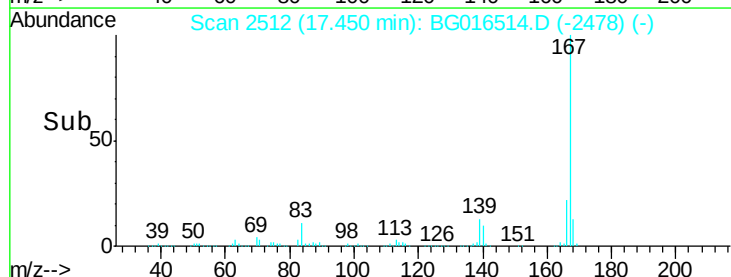
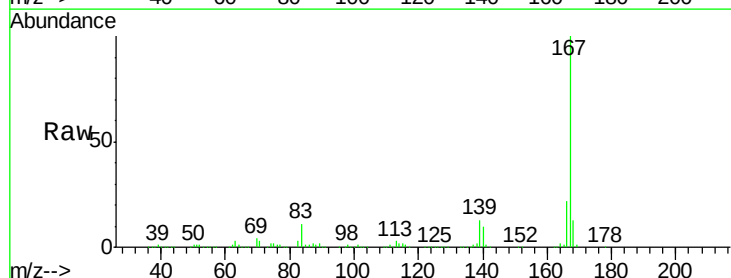
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

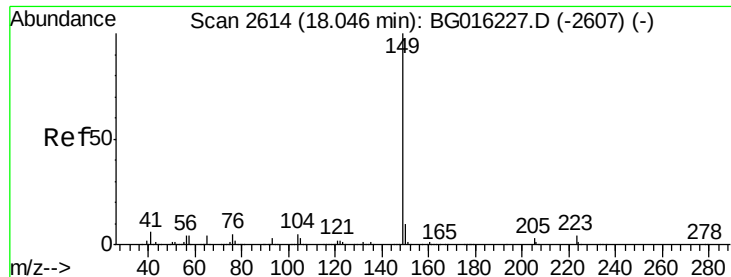
Tgt Ion:178 Resp: 522059
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 16.1 13.0 19.6



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

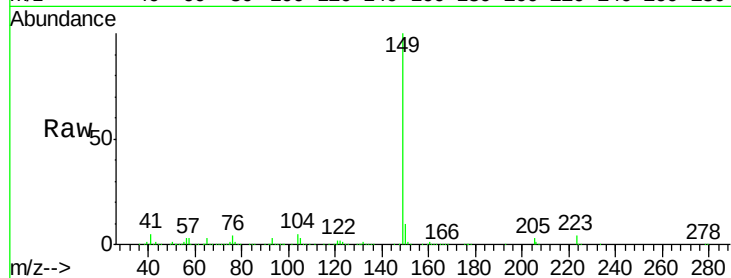
Tgt Ion:149 Resp: 640603

Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.4

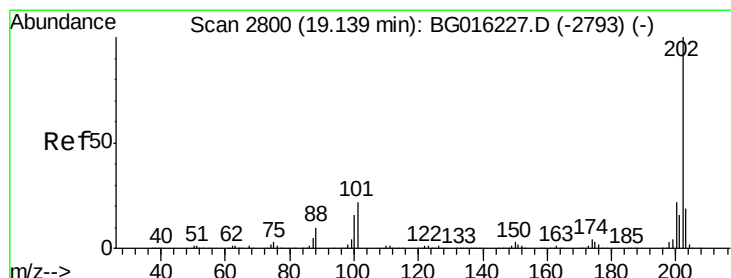
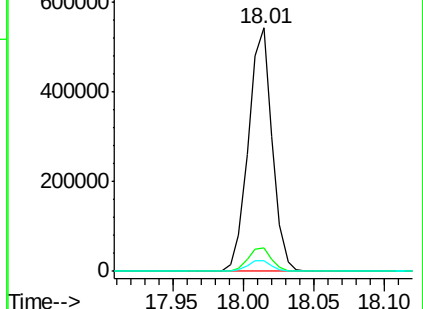
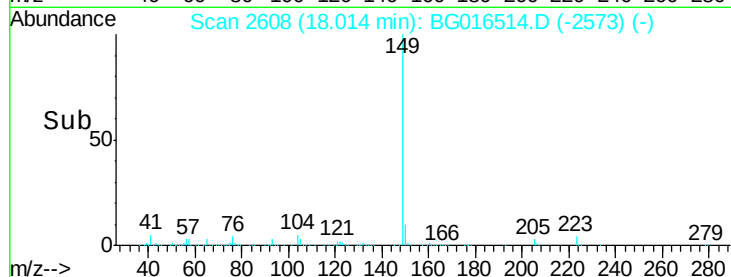
104 4.5 4.0 6.0



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

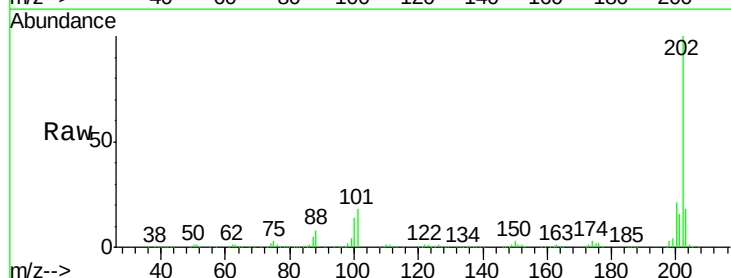
Tgt Ion:202 Resp: 540667

Ion Ratio Lower Upper

202 100

101 18.2 1.7 41.7

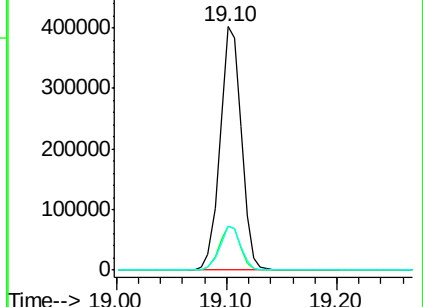
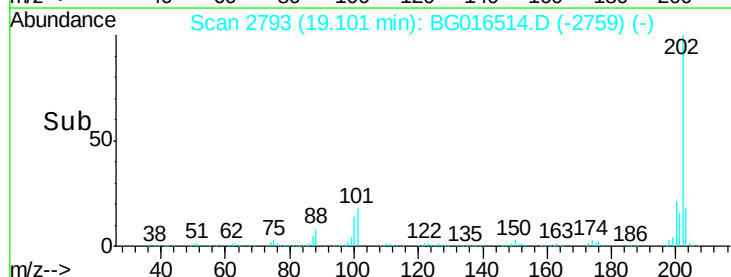
203 18.2 0.0 38.7

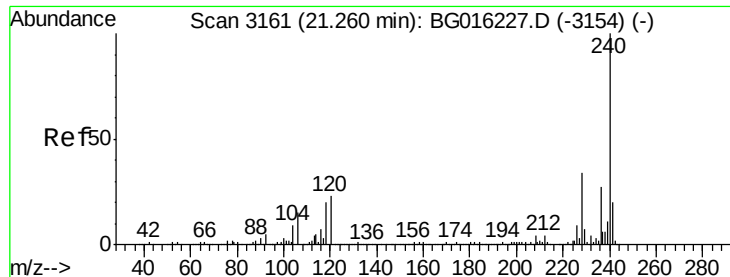


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3154

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

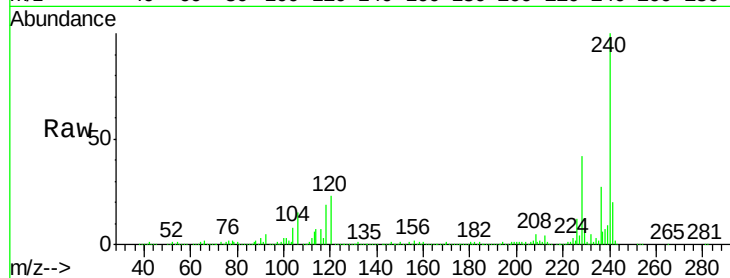
Tgt Ion:240 Resp: 328344

Ion Ratio Lower Upper

240 100

120 23.4 18.6 28.0

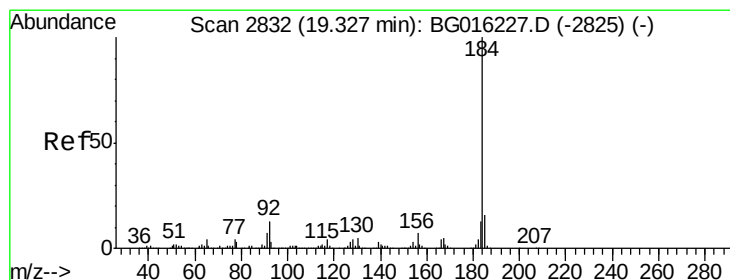
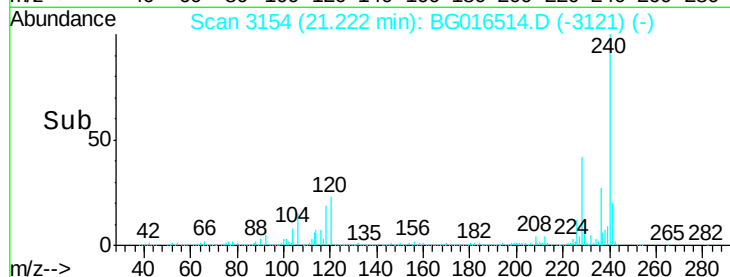
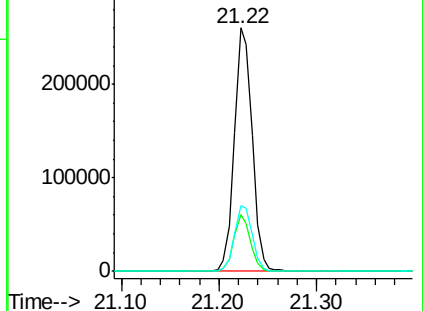
236 27.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

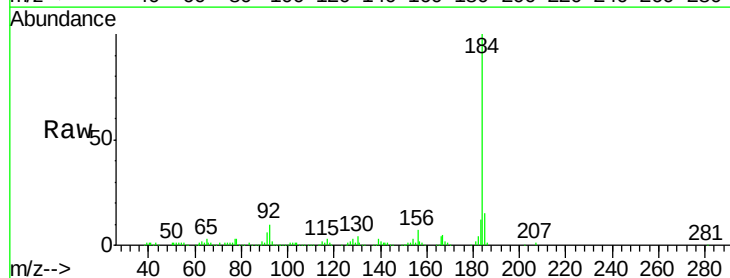
Tgt Ion:184 Resp: 186590

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

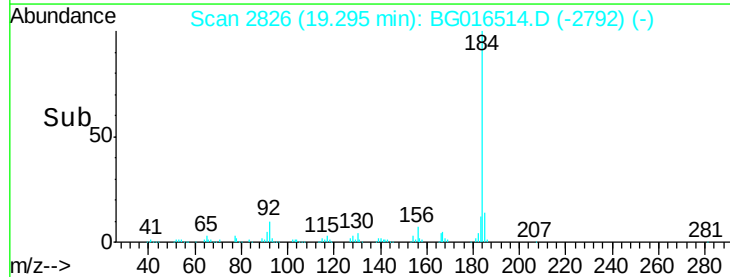
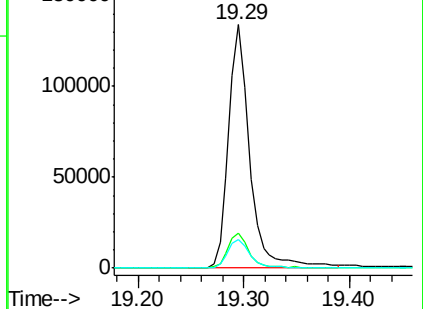
183 11.9 10.4 15.6

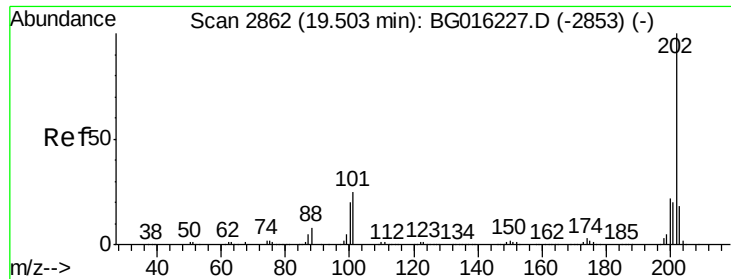


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

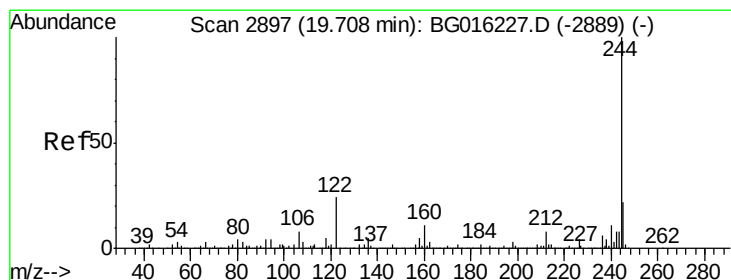
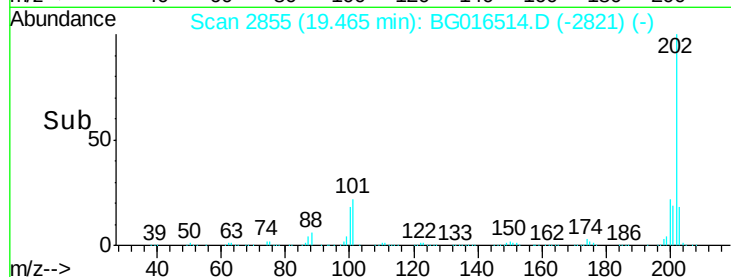
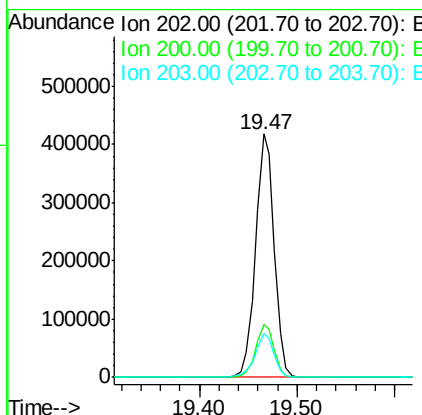
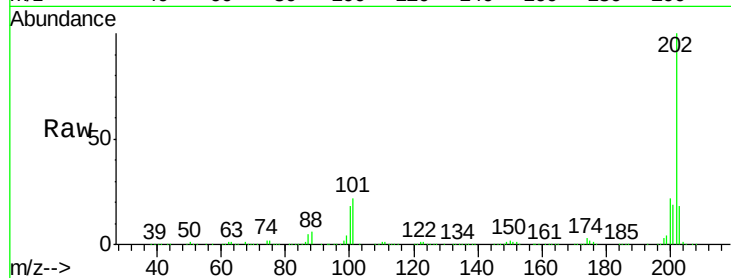




#77
 Pyrene
 Concen: 24.63 ng
 RT: 19.47 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

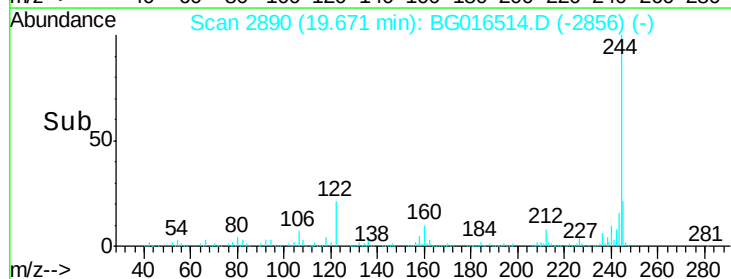
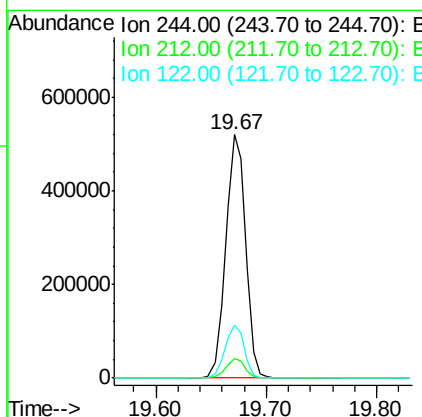
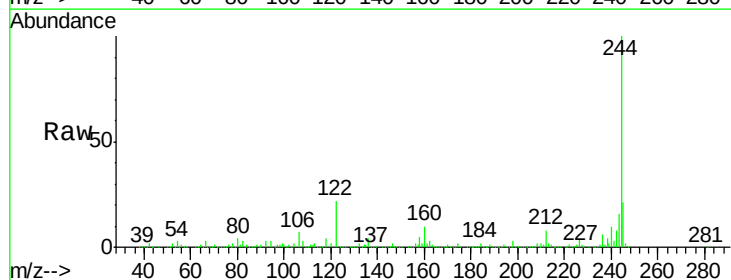
Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)MSD

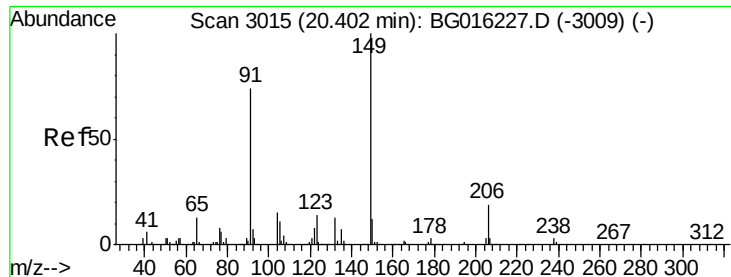
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.8
203	18.1	14.7	22.1



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	21.9	19.1	28.7

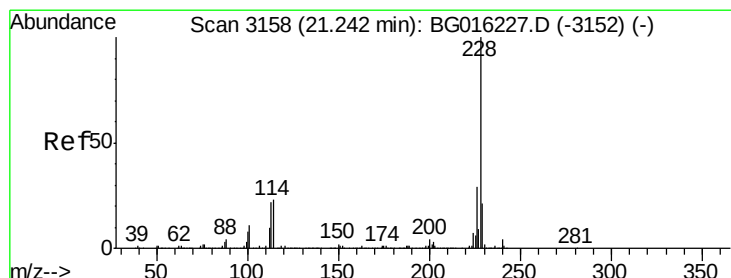
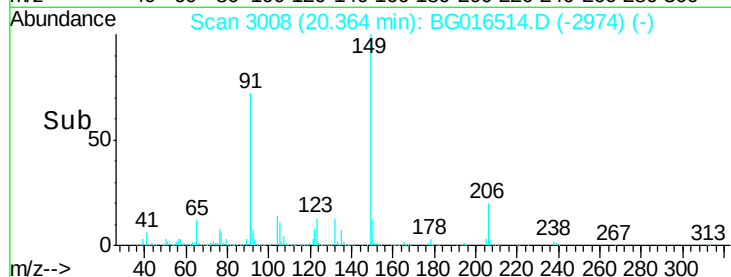
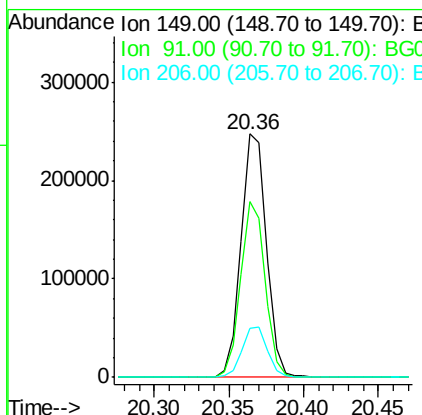
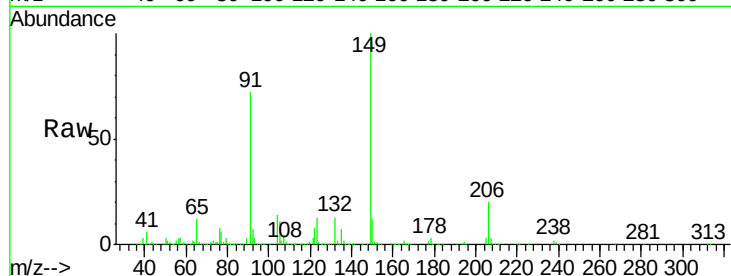




#79
Butylbenzylphthalate
Concen: 26.03 ng
RT: 20.36 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

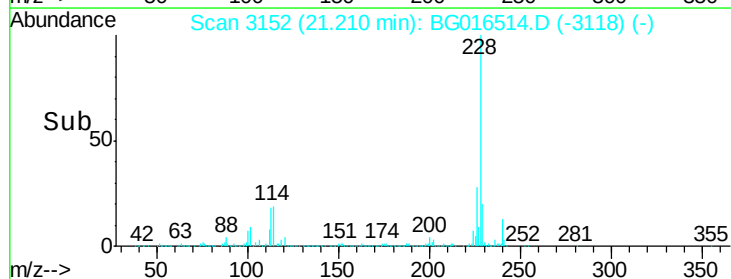
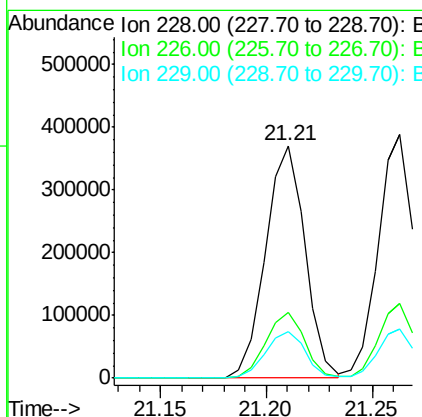
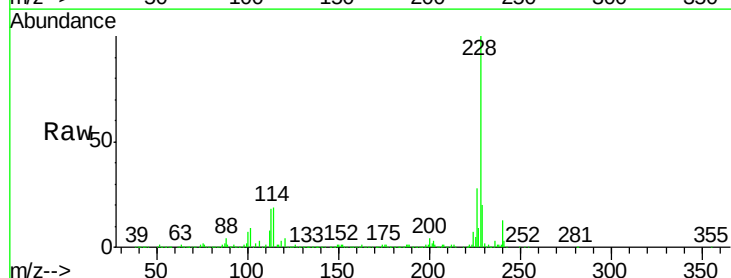
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

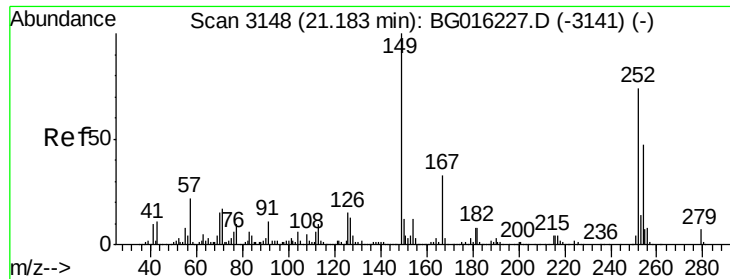
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	59.4	89.2
206	20.2	15.6	23.4



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.5	35.3
229	20.2	16.8	25.2

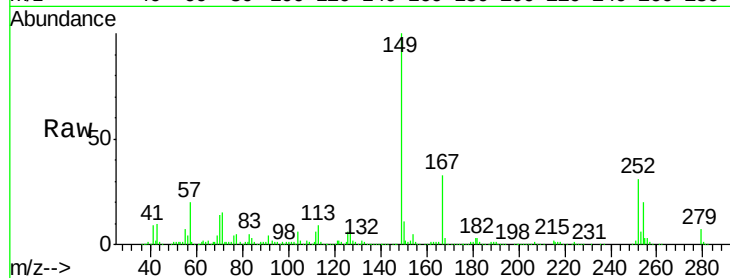




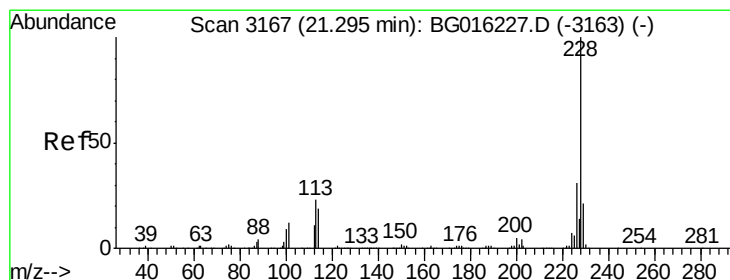
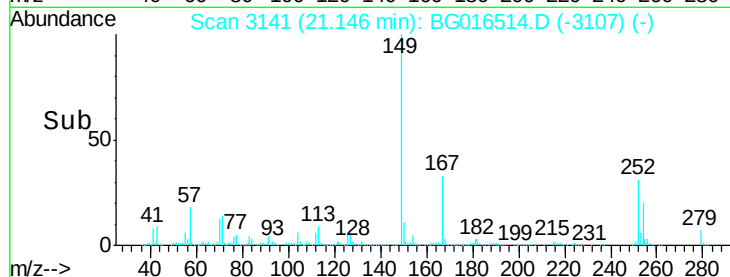
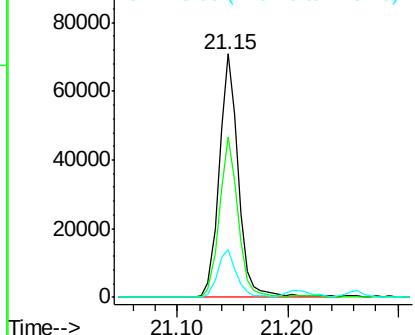
#81
 3,3'-Dichlorobenzidine
 Concen: 13.44 ng
 RT: 21.15 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

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

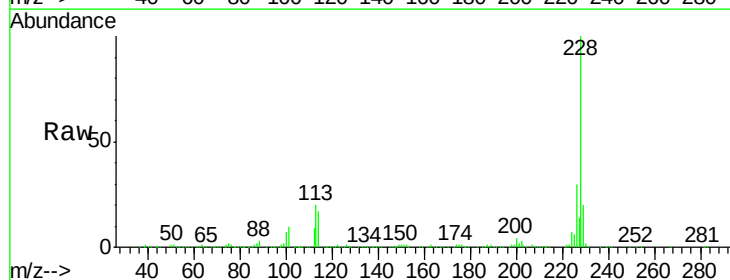


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

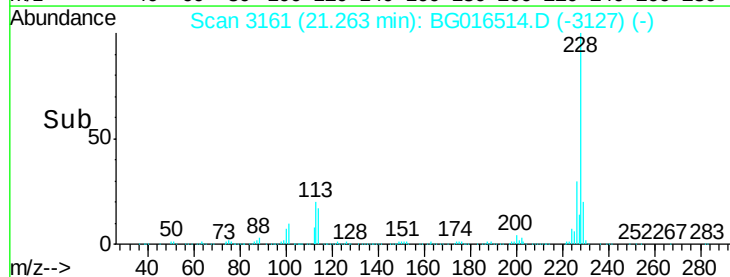
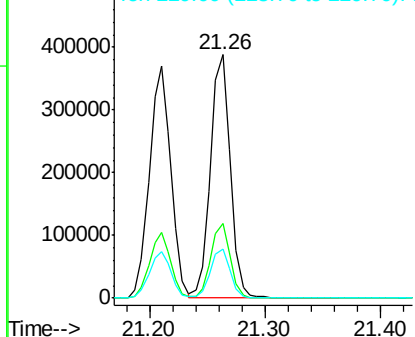


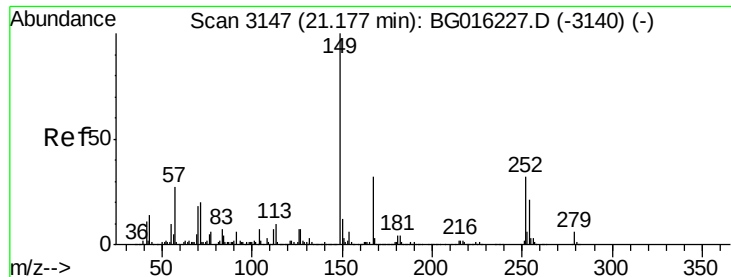
#82
 Chrysene
 Concen: 24.74 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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



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





#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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

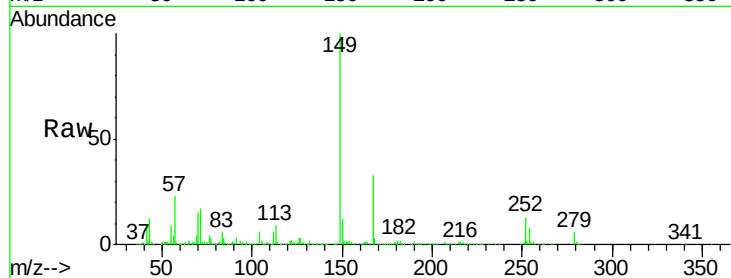
Tgt Ion:149 Resp: 403824

Ion Ratio Lower Upper

149 100

167 32.8 25.8 38.6

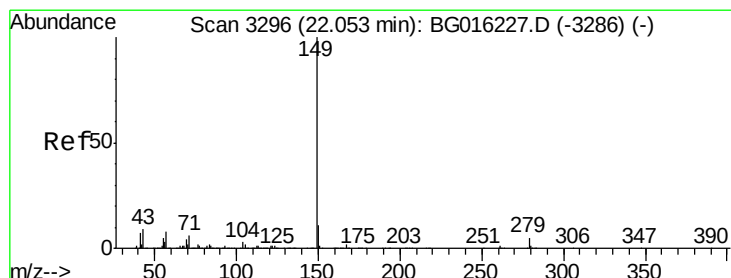
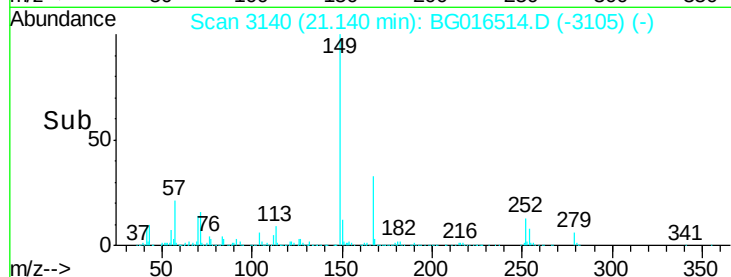
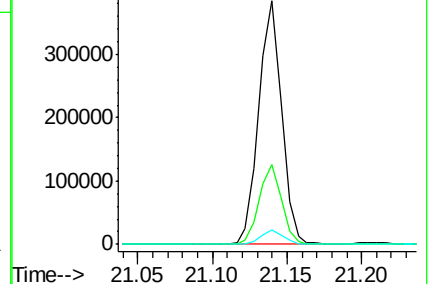
279 6.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 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

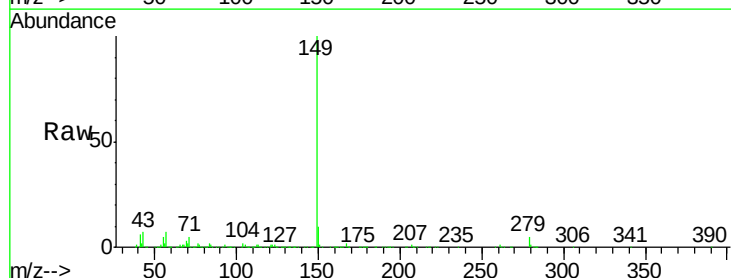
Tgt Ion:149 Resp: 684214

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

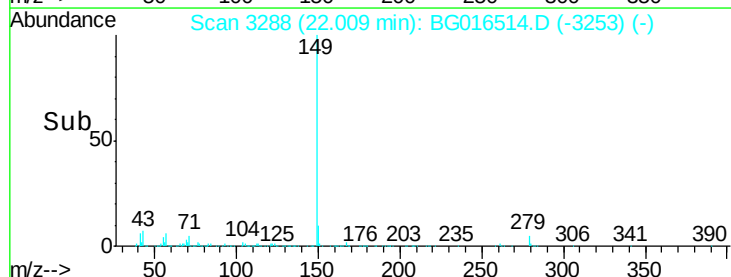
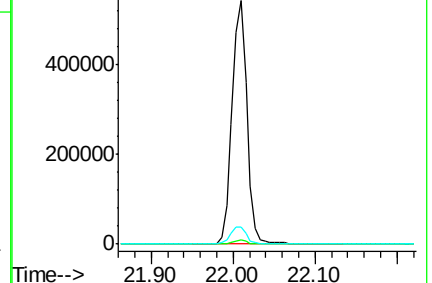
43 7.3 7.0 10.4

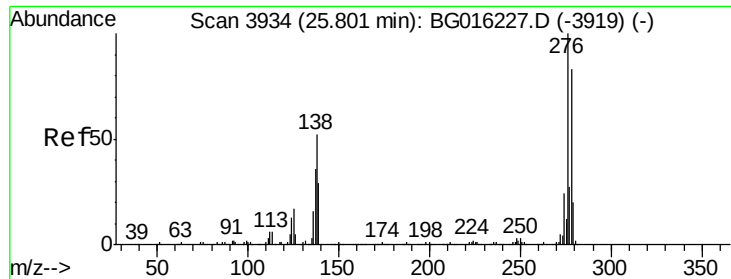


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

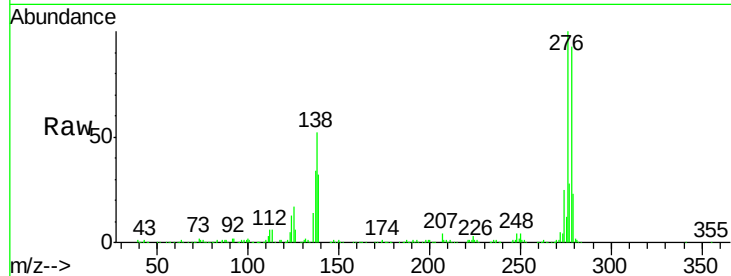




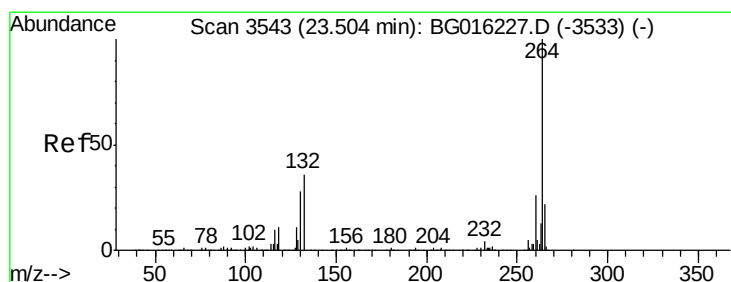
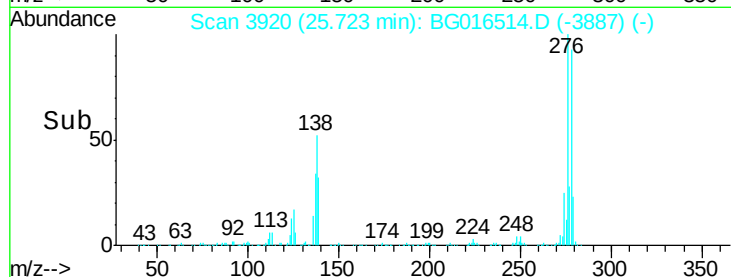
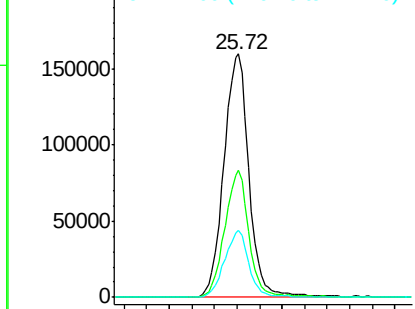
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.36 ng
 RT: 25.72 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.1	41.5	62.3
277	26.6	21.0	31.6

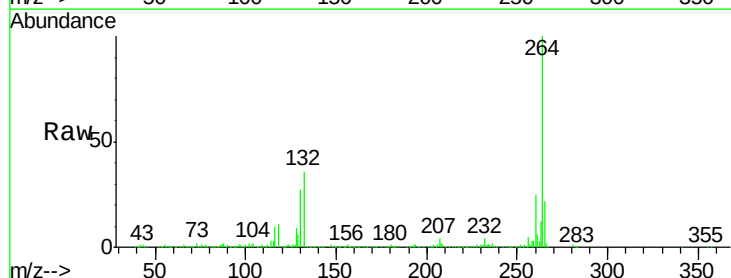


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

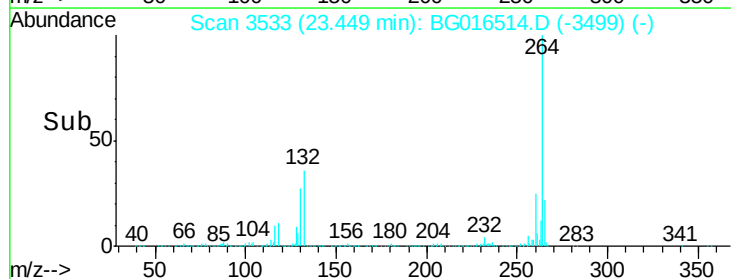
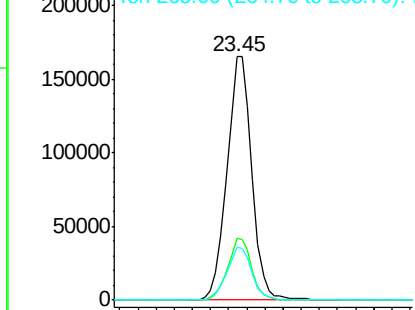


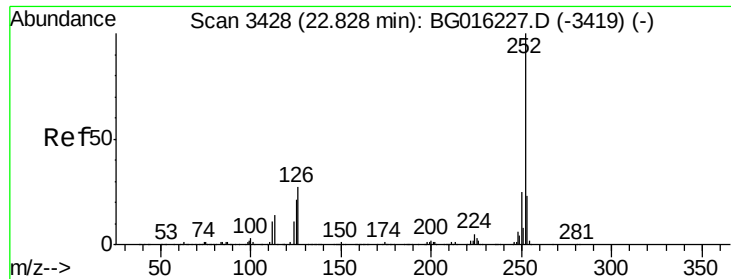
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: BG016514.D
 Acq: 18 Apr 2015 8:54

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



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

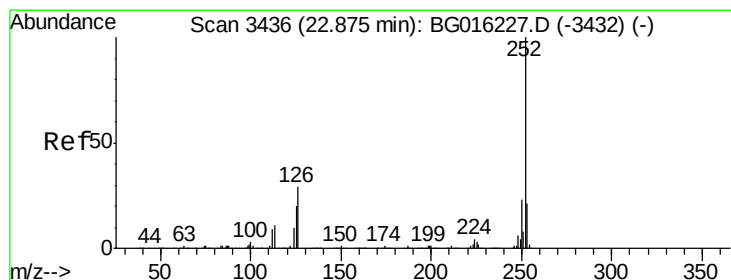
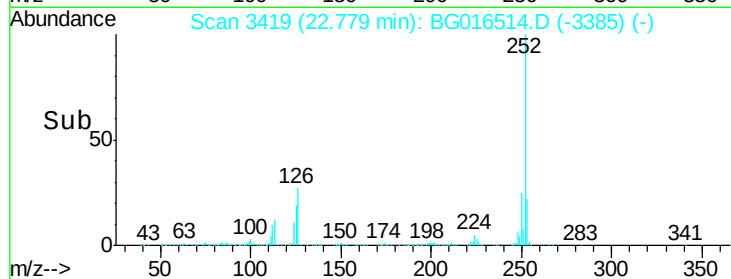
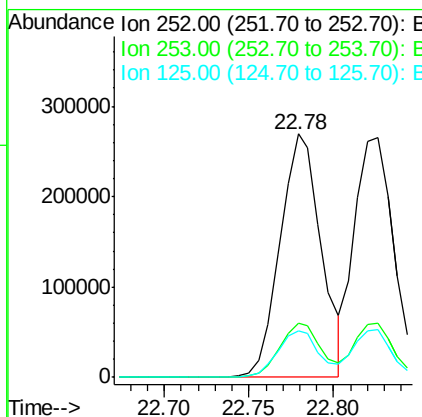
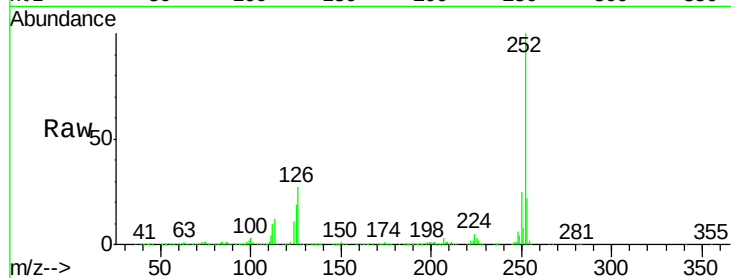




#87
Benzo(b)fluoranthene
Concen: 24.80 ng
RT: 22.78 min Scan# 3419
Delta R.T. -0.00 min
Lab File: BG016514.D
Acq: 18 Apr 2015 8:54

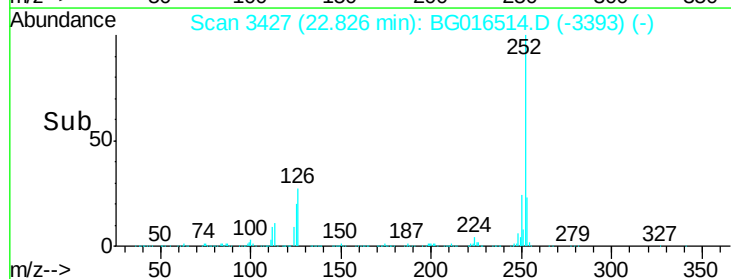
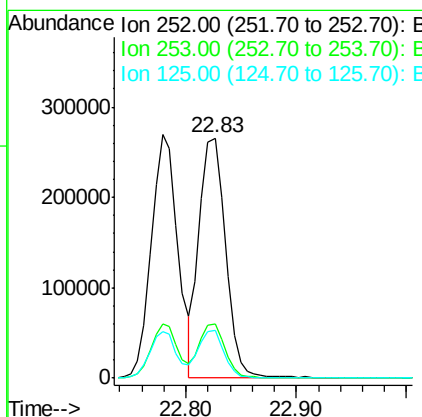
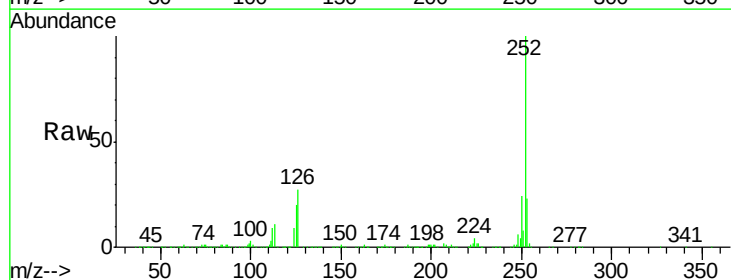
Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)MSD

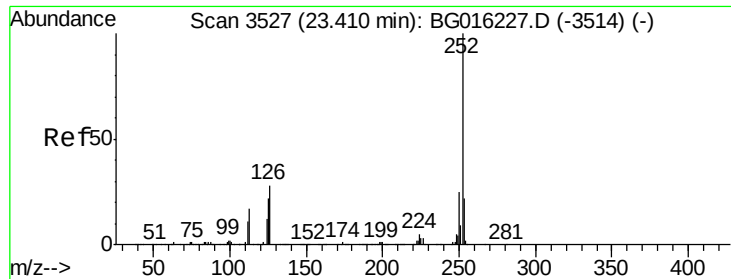
Tgt Ion:252 Resp: 455740
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 18.9 17.0 25.6



#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

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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

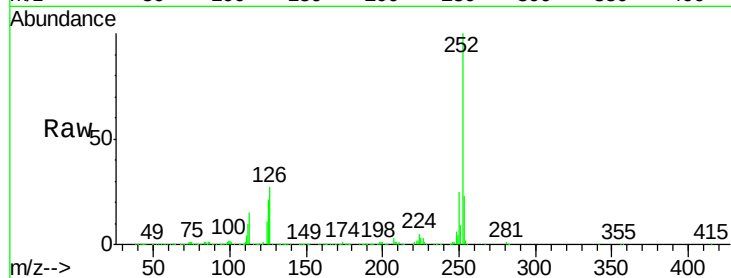
Tgt Ion:252 Resp: 435778

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

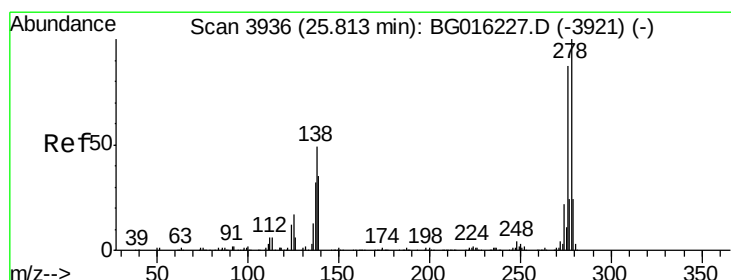
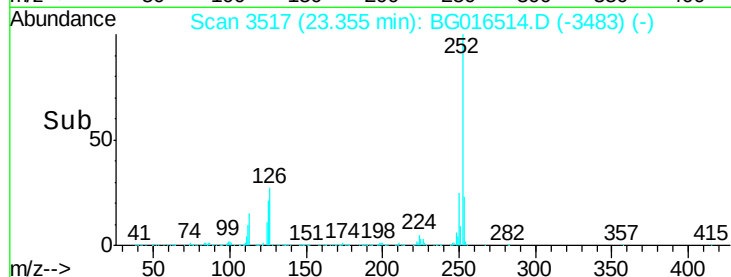
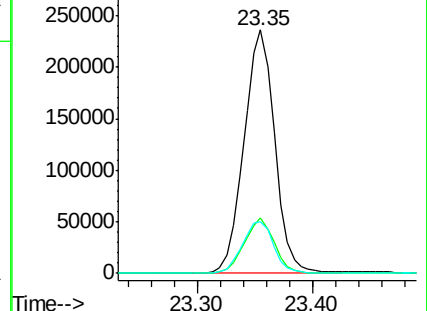
125 21.3 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

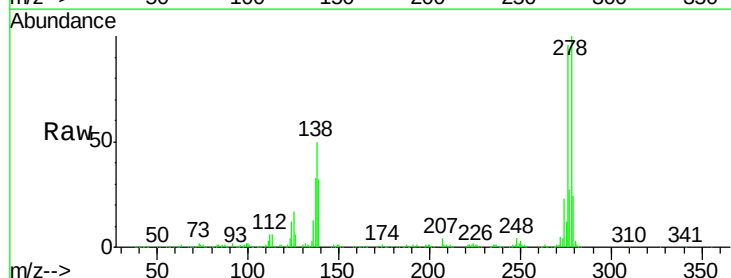
Tgt Ion:278 Resp: 412432

Ion Ratio Lower Upper

278 100

139 32.1 27.9 41.9

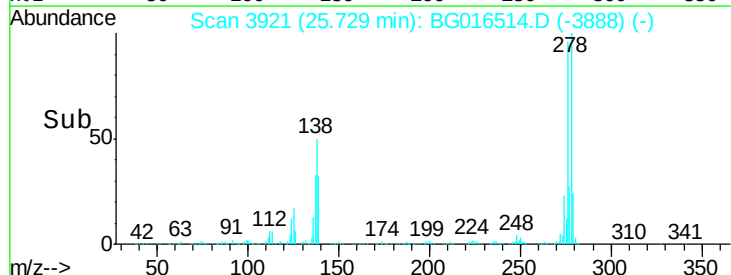
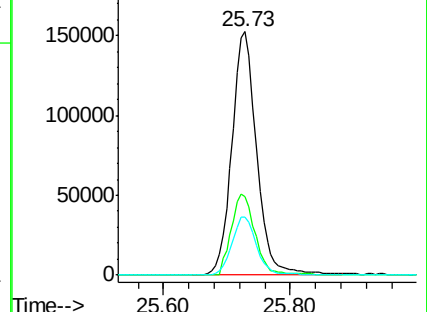
279 23.9 19.5 29.3

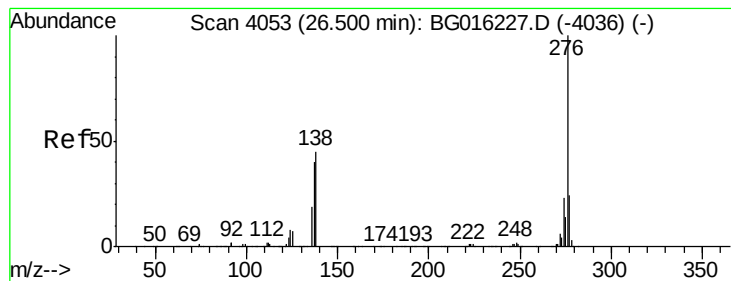


Abundance Ion 278.00 (277.70 to 278.70): E

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

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)MSD

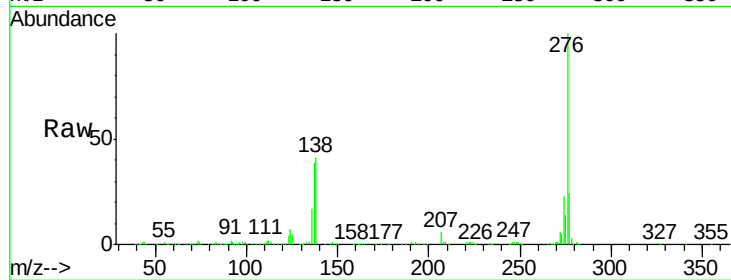
Tgt Ion: 276 Resp: 414349

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

