

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
 Data File : BG016281.D
 Acq On : 8 Apr 2015 18:35
 Operator : TP/IZ
 Sample : PB82625BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Quant Time: Apr 09 04:57:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	48745	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	223400	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	128286	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	268569	20.00	ng	0.00
75) Chrysene-d12	21.26	240	253044	20.00	ng	0.00
86) Perylene-d12	23.50	264	232771	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	316582	102.50	ng	0.00
7) Phenol-d6	6.87	99	449694	96.99	ng	0.00
23) Nitrobenzene-d5	8.85	82	304107	78.86	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	89075	102.67	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	634256	84.18	ng	0.00
78) Terphenyl-d14	19.70	244	854428	79.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	55402	39.46	ng	99
3) Pyridine	3.56	79	162479	38.72	ng	97
4) n-Nitrosodimethylamine	3.49	42	53329	42.75	ng	98
6) Aniline	7.03	93	173334	26.18	ng	98
8) 2-Chlorophenol	7.26	128	186858	50.38	ng	96
9) Benzaldehyde	6.84	77	61799	22.76	ng	98
10) Phenol	6.90	94	250921	50.58	ng	98
11) bis(2-Chloroethyl)ether	7.13	93	170633	43.14	ng	100
12) 1,3-Dichlorobenzene	7.58	146	167413	44.70	ng	98
13) 1,4-Dichlorobenzene	7.73	146	170751	43.95	ng	100
14) 1,2-Dichlorobenzene	8.05	146	165753	44.61	ng	99
15) Benzyl Alcohol	7.94	79	143634	44.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	191131	42.90	ng	99
17) 2-Methylphenol	8.14	107	160999	48.40	ng	97
18) Hexachloroethane	8.77	117	63141	42.48	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	128267	38.61	ng	99
20) 3+4-Methylphenols	8.47	107	219646	47.67	ng	98
22) Acetophenone	8.52	105	236823	45.72	ng	# 98
24) Nitrobenzene	8.89	77	180578	43.79	ng	95
25) Isophorone	9.42	82	352408	41.15	ng	96
26) 2-Nitrophenol	9.60	139	97733	50.82	ng	99
27) 2,4-Dimethylphenol	9.67	122	184557	51.52	ng	97
28) bis(2-Chloroethoxy)methane	9.90	93	220474	45.10	ng	99
29) 2,4-Dichlorophenol	10.13	162	153808	54.27	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	138640	46.85	ng	97
31) Naphthalene	10.53	128	530015	45.53	ng	99
32) Benzoic acid	9.79	122	104264	45.24	ng	98
33) 4-Chloroaniline	10.64	127	102190	18.71	ng	98
34) Hexachlorobutadiene	10.82	225	60130	46.26	ng	98
35) Caprolactam	11.40	113	85286m	47.80	ng	
36) 4-Chloro-3-methylphenol	11.78	107	188796	50.42	ng	96
37) 2-Methylnaphthalene	12.15	142	379599	45.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	132602	46.95	ng	99
40) Hexachlorocyclopentadiene	12.50	237	131082	101.39	ng	99

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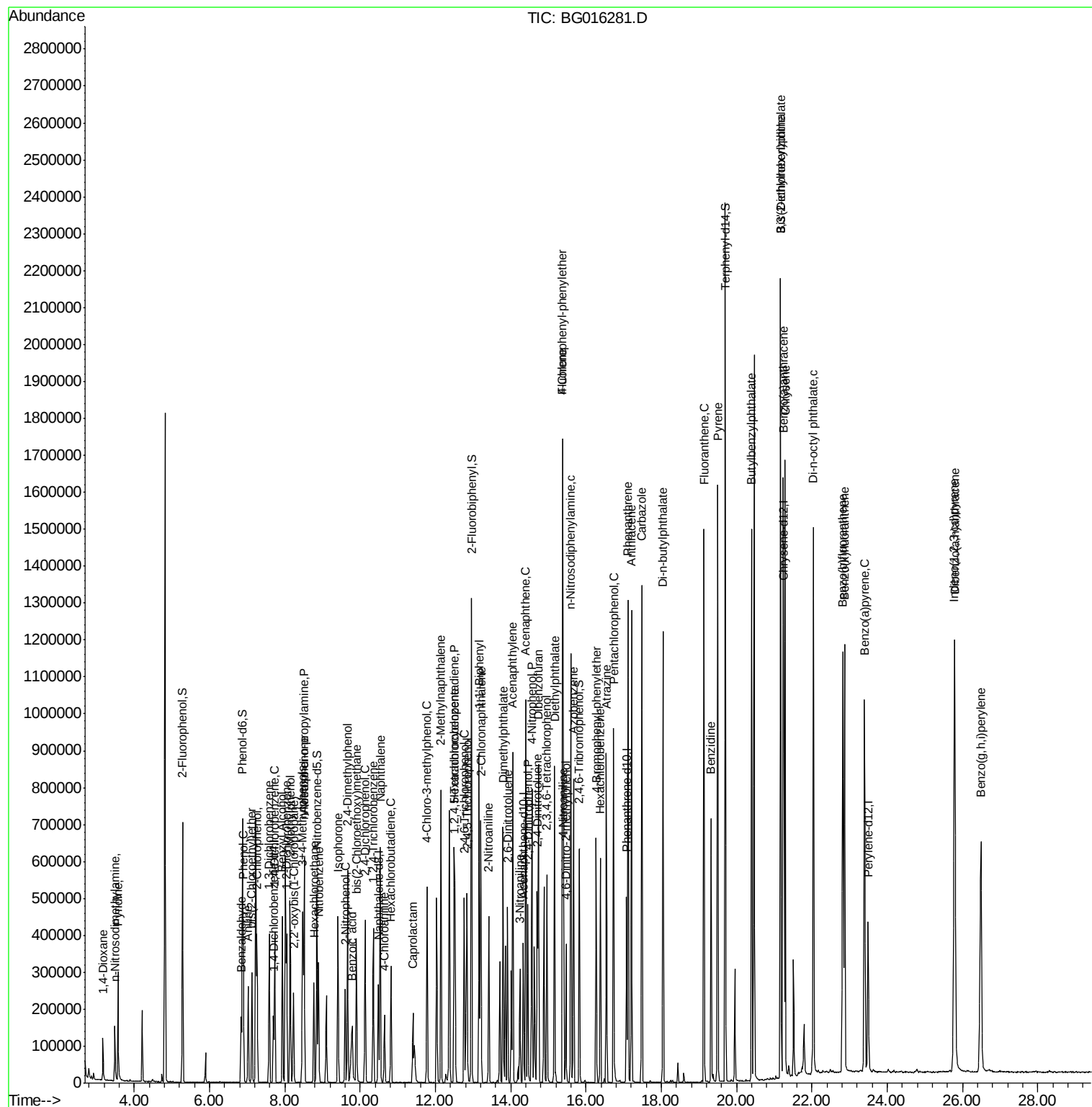
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	106790	50.88	nq	99
43) 2,4,5-Trichlorophenol	12.84	196	120571	53.77	nq	98
45) 1,1'-Biphenyl	13.17	154	465672	47.32	nq	98
46) 2-Chloronaphthalene	13.21	162	350162	46.71	nq	98
47) 2-Nitroaniline	13.42	65	116514	48.22	nq	98
48) Acenaphthylene	14.06	152	604393	45.34	nq	100
49) Dimethylphthalate	13.80	163	427565	45.48	nq	99
50) 2,6-Dinitrotoluene	13.92	165	109453	48.13	nq	97
51) Acenaphthene	14.40	154	364816	45.80	nq	100
52) 3-Nitroaniline	14.25	138	84755	29.19	nq	94
53) 2,4-Dinitrophenol	14.46	184	117991	88.67	nq	96
54) Dibenzofuran	14.73	168	527912	47.76	nq	98
55) 4-Nitrophenol	14.56	139	246166	102.57	nq	99
56) 2,4-Dinitrotoluene	14.70	165	153069	49.42	nq	97
57) Fluorene	15.39	166	460267	47.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	91773	53.03	nq	97
59) Diethylphthalate	15.16	149	452871	45.25	nq	100
60) 4-Chlorophenyl-phenylether	15.38	204	189316	47.46	nq	96
61) 4-Nitroaniline	15.41	138	155653	47.22	nq	99
62) Azobenzene	15.67	77	494648	46.44	nq	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	83884	44.67	nq	97
65) n-Nitrosodiphenylamine	15.60	169	412122	45.39	nq	99
66) 4-Bromophenyl-phenylether	16.27	248	101020	47.11	nq	95
67) Hexachlorobenzene	16.39	284	104463	46.87	nq	98
68) Atrazine	16.54	200	130228	51.47	nq	99
69) Pentachlorophenol	16.73	266	139296	102.36	nq	100
70) Phenanthrene	17.12	178	716212	47.41	nq	99
71) Anthracene	17.21	178	715774	47.81	nq	99
72) Carbazole	17.48	167	772747	51.43	nq	99
73) Di-n-butylphthalate	18.05	149	891992	48.52	nq	98
74) Fluoranthene	19.13	202	779364	50.06	nq	99
76) Benzidine	19.32	184	363469	33.87	nq	98
77) Pyrene	19.50	202	824493	46.79	nq	99
79) Butylbenzylphthalate	20.40	149	433932	50.13	nq	99
80) Benzo(a)anthracene	21.24	228	712208	47.62	nq	99
81) 3,3'-Dichlorobenzidine	21.18	252	138142	28.09	nq	98
82) Chrysene	21.29	228	675894	46.81	nq	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	584450	49.87	nq	97
84) Di-n-octyl phthalate	22.04	149	964970	50.54	nq	98
85) Indeno(1,2,3-cd)pyrene	25.79	276	720200	48.02	nq	98
87) Benzo(b)fluoranthene	22.82	252	641992	47.09	nq	98
88) Benzo(k)fluoranthene	22.87	252	648658	48.62	nq	98
89) Benzo(a)pyrene	23.40	252	636697	49.83	nq	99
90) Dibenzo(a,h)anthracene	25.80	278	598914	48.17	nq	97
91) Benzo(g,h,i)perylene	26.49	276	605700	48.77	nq	100

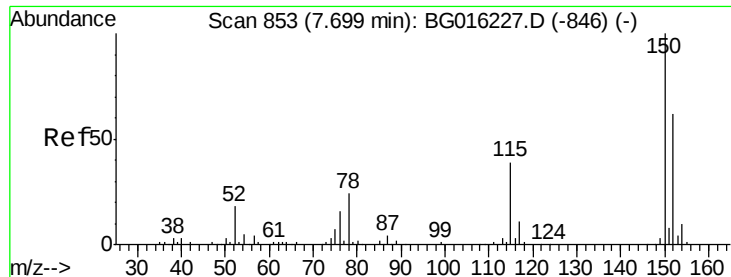
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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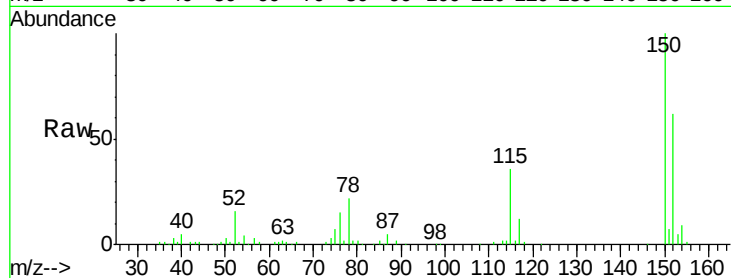


#1

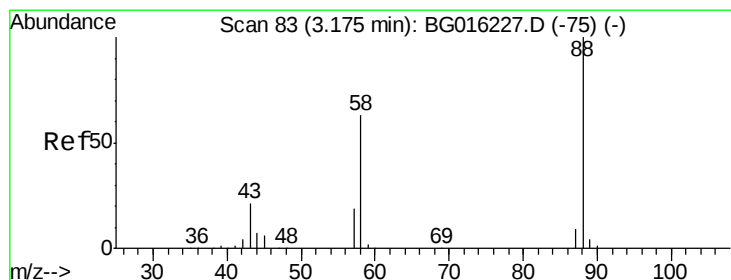
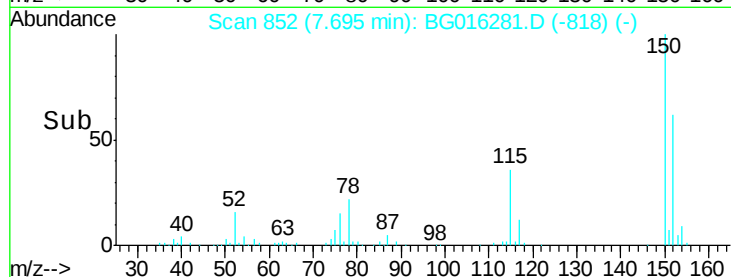
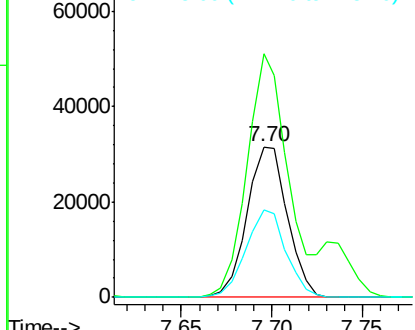
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:152 Resp: 48745
Ion Ratio Lower Upper
152 100
150 161.6 130.1 195.1
115 57.8 50.5 75.7



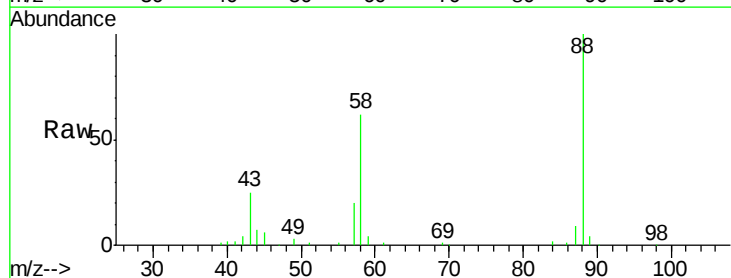
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



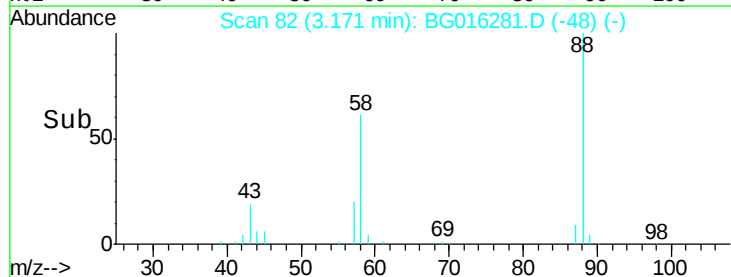
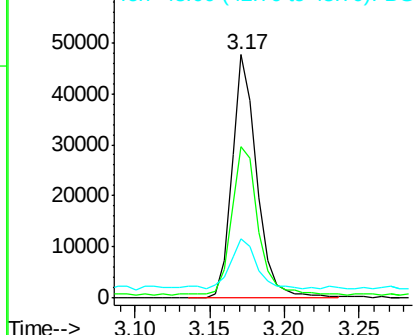
#2

1,4-Dioxane
Concen: 39.46 ng
RT: 3.17 min Scan# 82
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion: 88 Resp: 55402
Ion Ratio Lower Upper
88 100
58 64.4 50.6 76.0
43 21.1 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

Pvridine

Concen: 38.72 ng

RT: 3.56 min Scan# 149

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

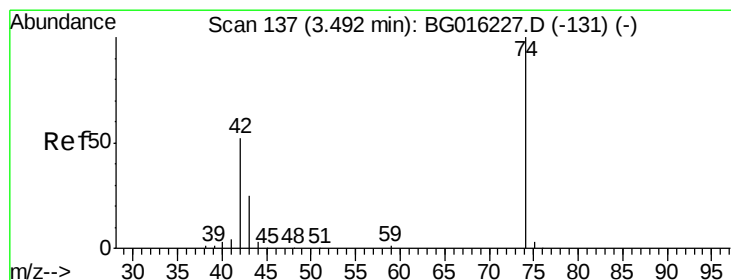
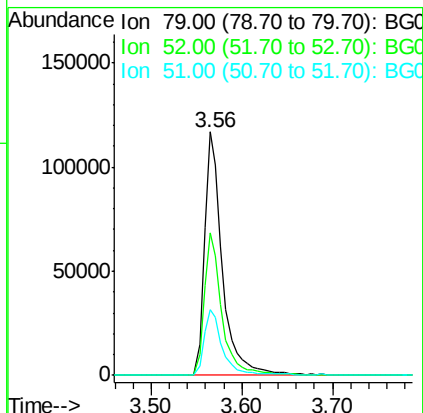
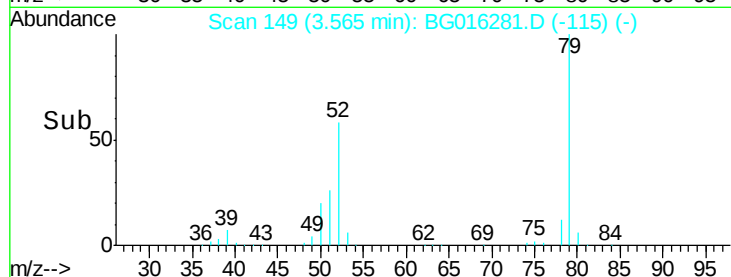
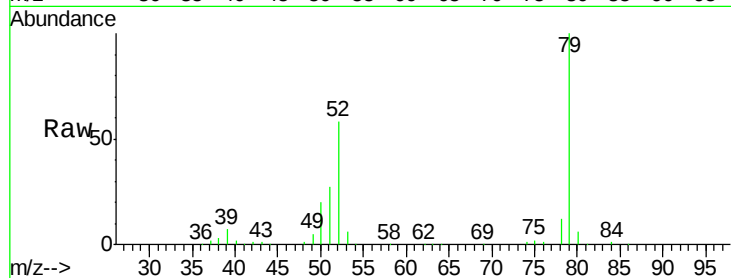
Tot Ion: 79 Resp: 162479

Ion Ratio Lower Upper

79 100

52 58.3 49.0 73.4

51 26.7 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 42.75 ng

RT: 3.49 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

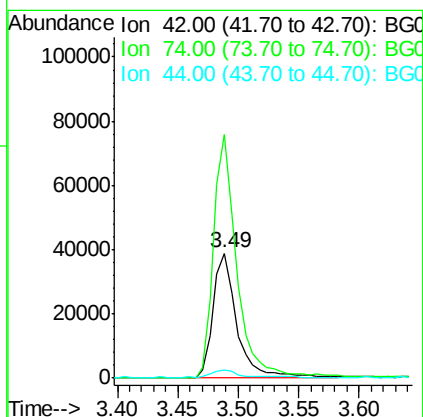
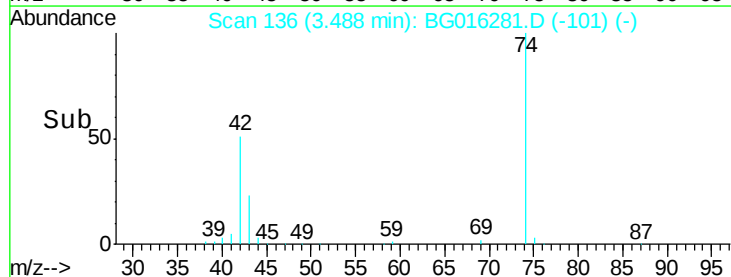
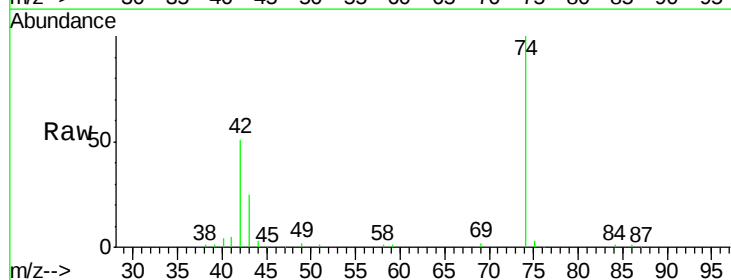
Tgt Ion: 42 Resp: 53329

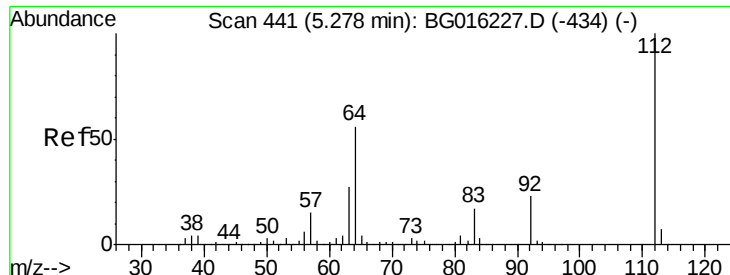
Ion Ratio Lower Upper

42 100

74 195.2 153.7 230.5

44 6.3 5.3 7.9





#5

2-Fluorophenol

Concen: 102.50 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.01 min

Lab File: BG016281.D

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Instrument :

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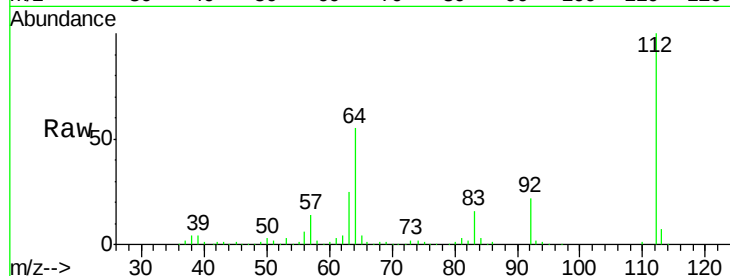
Tot Ion:112 Resp: 316582

Ion Ratio Lower Upper

112 100

64 54.7 44.5 66.7

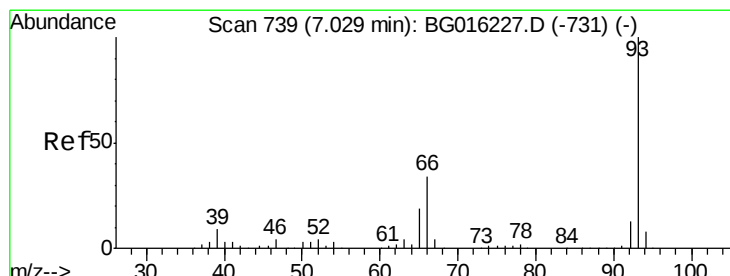
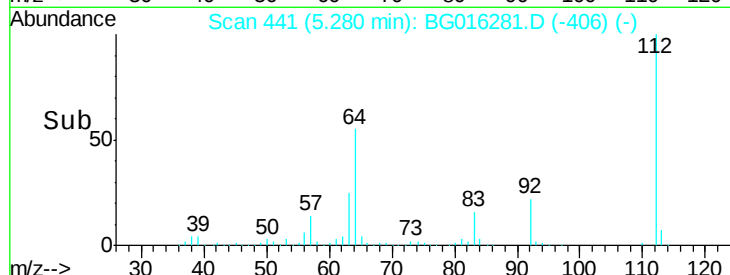
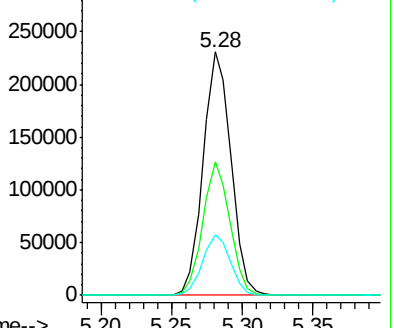
63 24.7 21.4 32.0



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: 26.18 ng

RT: 7.03 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

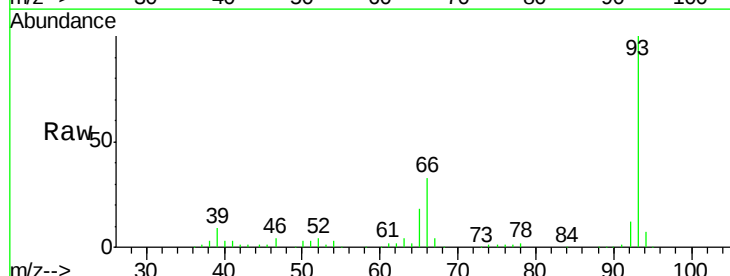
Tgt Ion: 93 Resp: 173334

Ion Ratio Lower Upper

93 100

66 33.0 27.5 41.3

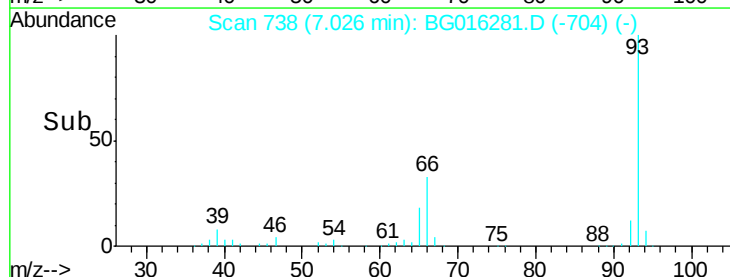
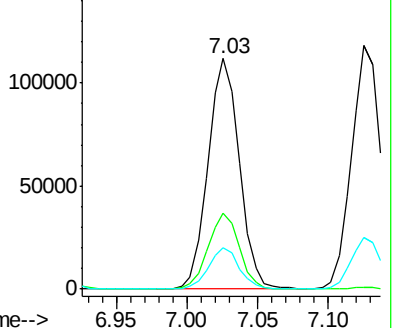
65 18.0 15.1 22.7

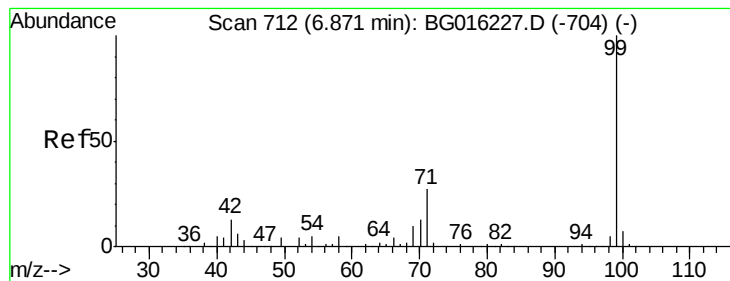


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.99 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.01 min

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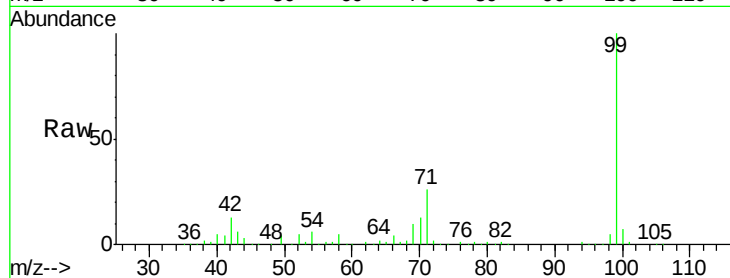
Tot Ion: 99 Resp: 449694

Ion Ratio Lower Upper

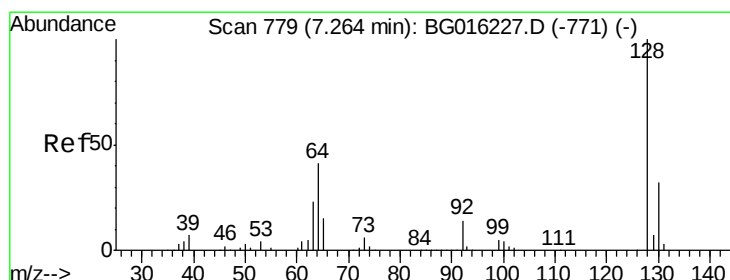
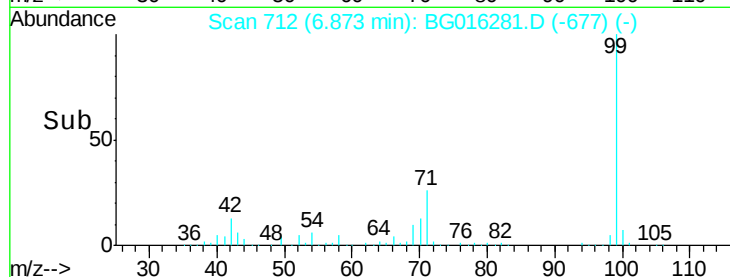
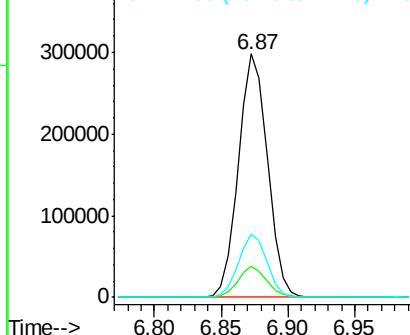
99 100

42 12.7 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: 50.38 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016281.D

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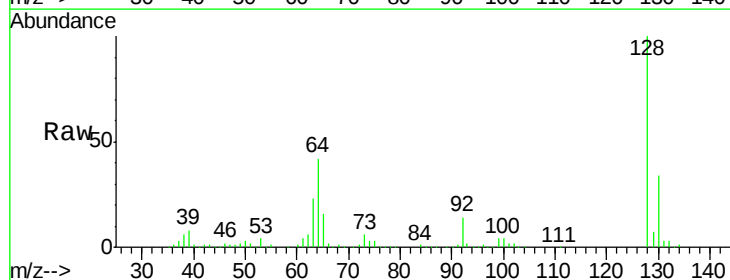
Tgt Ion: 128 Resp: 186858

Ion Ratio Lower Upper

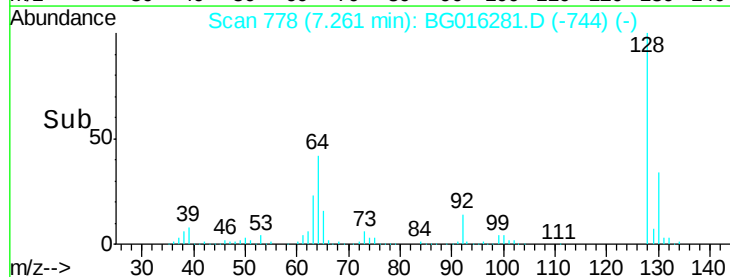
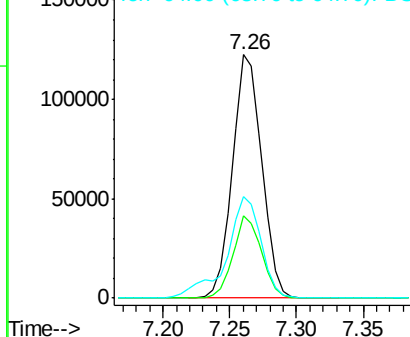
128 100

130 33.8 11.6 51.6

64 41.6 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: 22.76 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

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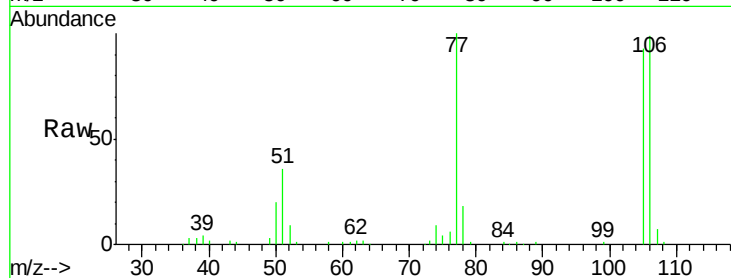
Tot Ion: 77 Resp: 61799

Ion Ratio Lower Upper

77 100

105 93.4 76.8 116.8

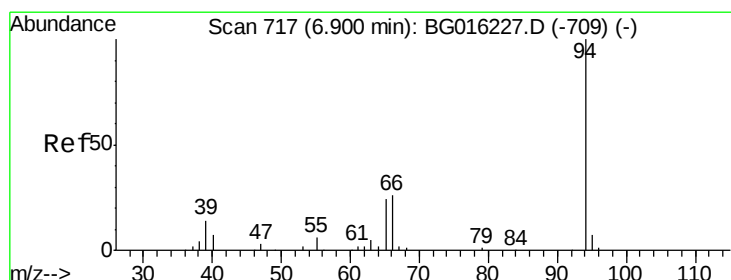
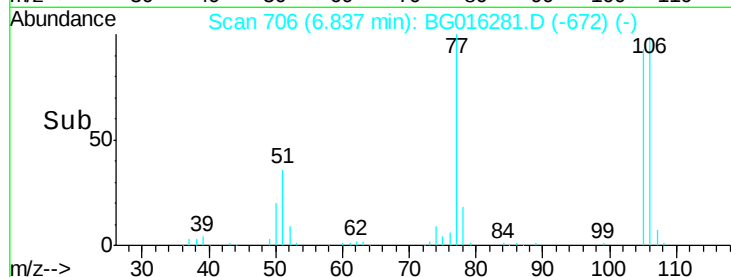
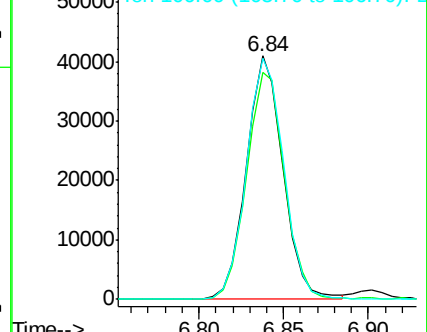
106 98.9 80.1 120.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.58 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.01 min

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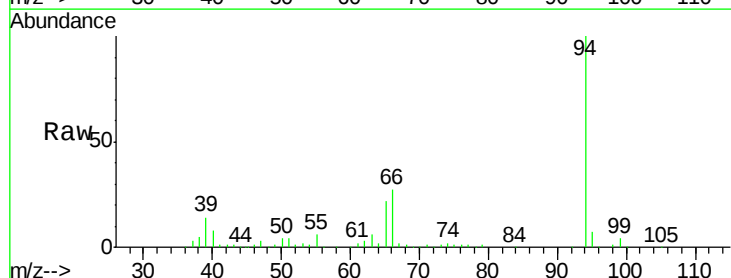
Tgt Ion: 94 Resp: 250921

Ion Ratio Lower Upper

94 100

65 22.3 3.8 43.8

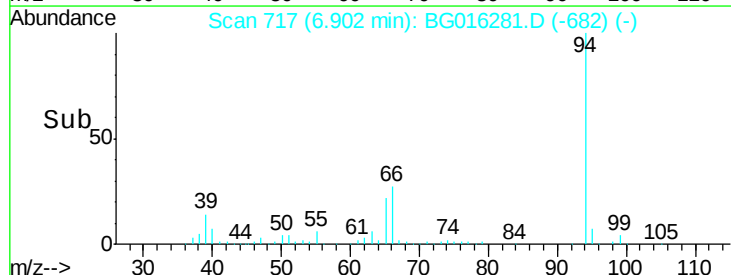
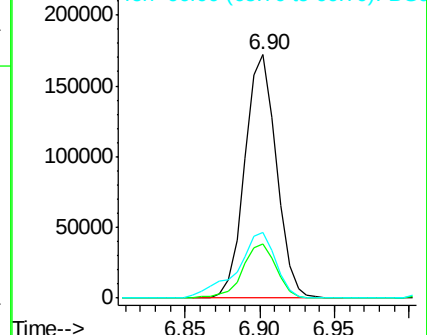
66 27.2 7.4 47.4

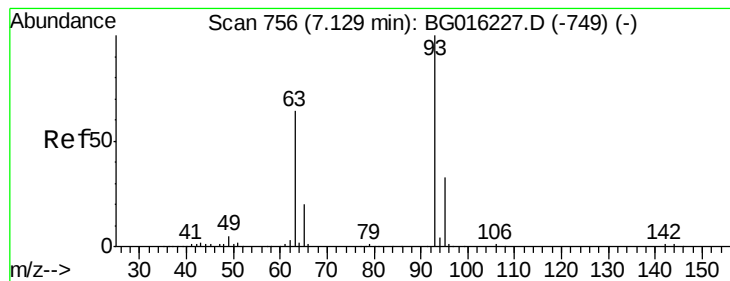


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.14 ng

RT: 7.13 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

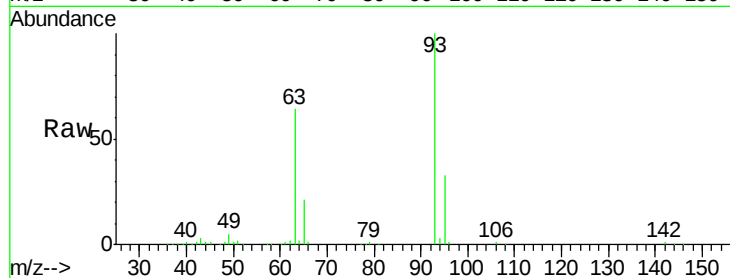
Tot Ion: 93 Resp: 170633

Ion Ratio Lower Upper

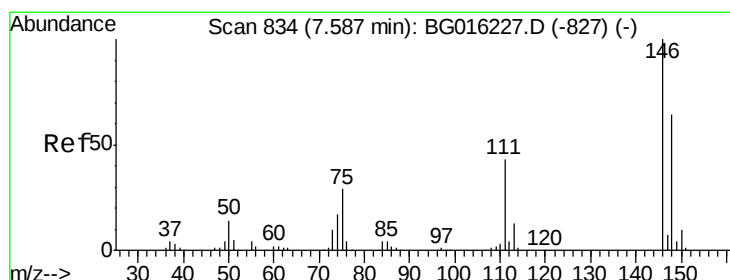
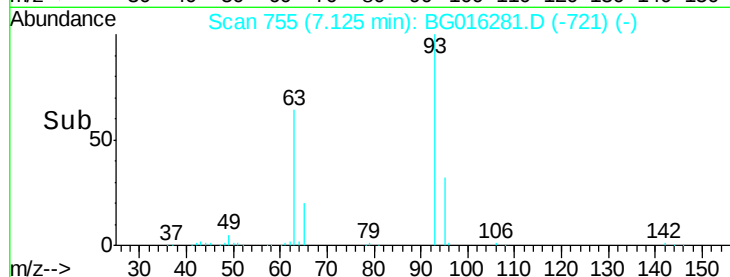
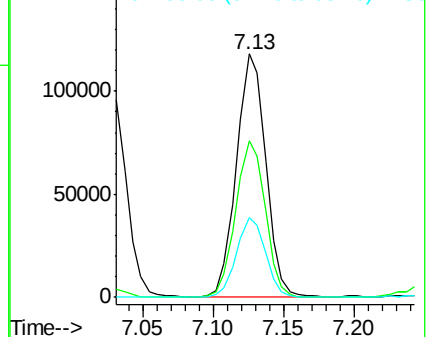
93 100

63 64.1 44.1 84.1

95 32.6 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: 44.70 ng

RT: 7.58 min Scan# 833

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

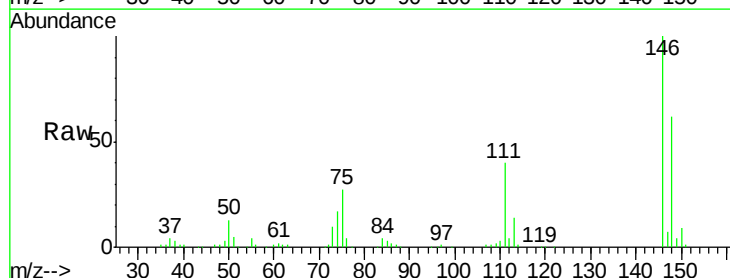
Tgt Ion: 146 Resp: 167413

Ion Ratio Lower Upper

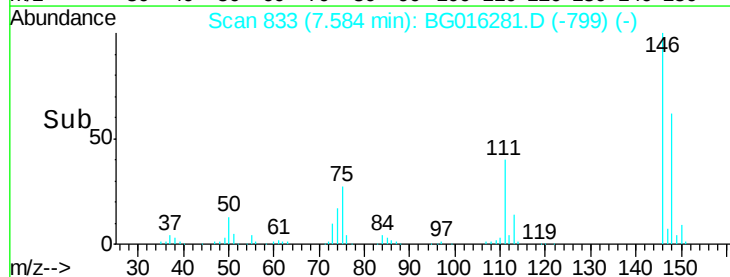
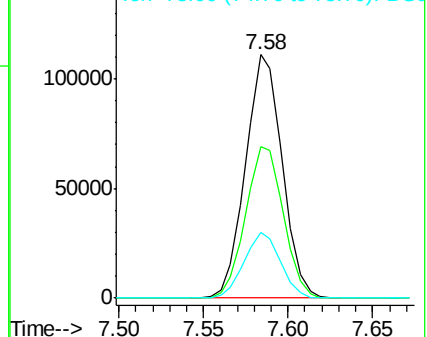
146 100

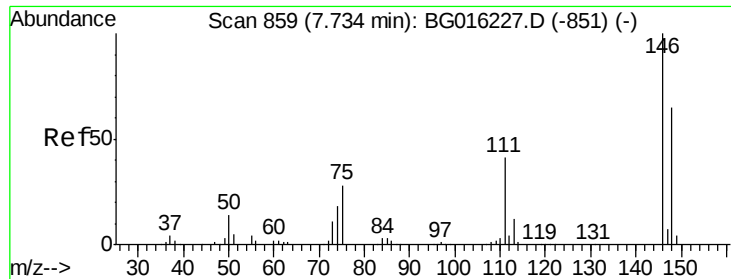
148 62.4 50.9 76.3

75 26.9 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

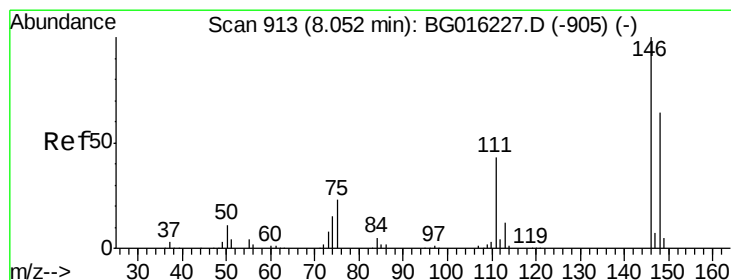
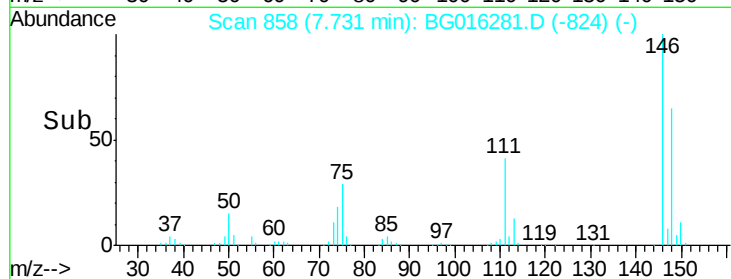
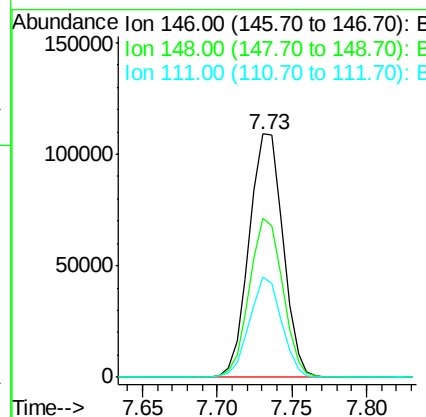
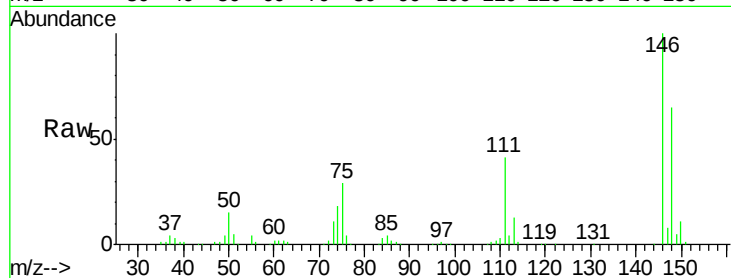




#13
 1,4-Dichlorobenzene
 Concen: 43.95 ng
 RT: 7.73 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

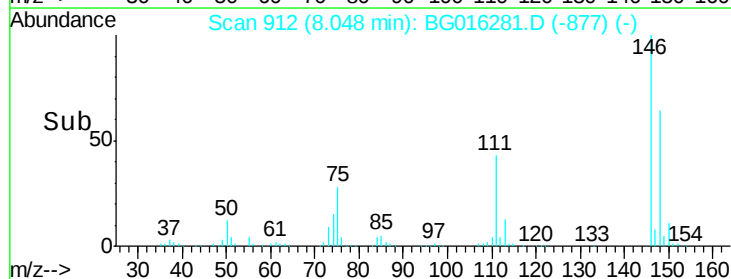
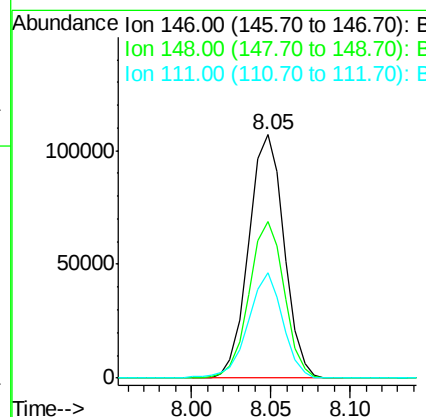
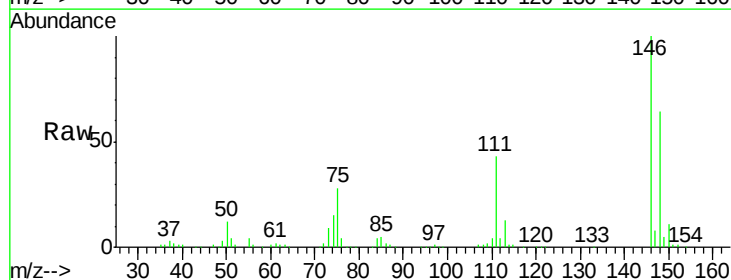
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

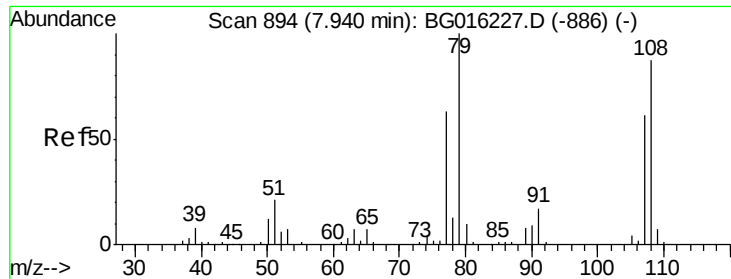
Tot Ion:146 Resp: 170751
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 41.2 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 44.61 ng
 RT: 8.05 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:146 Resp: 165753
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 111 43.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 44.44 ng

RT: 7.94 min Scan# 893

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

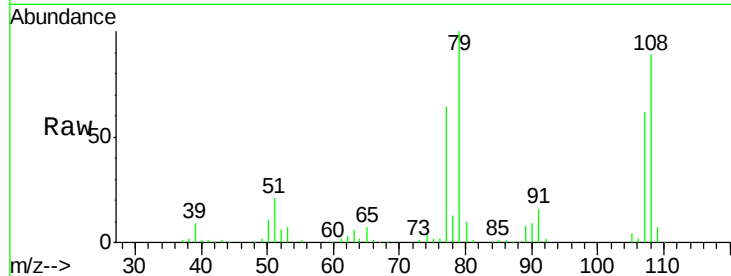
Tot Ion: 79 Resp: 143634

Ion Ratio Lower Upper

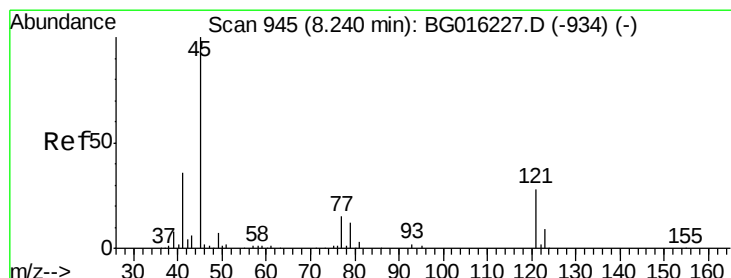
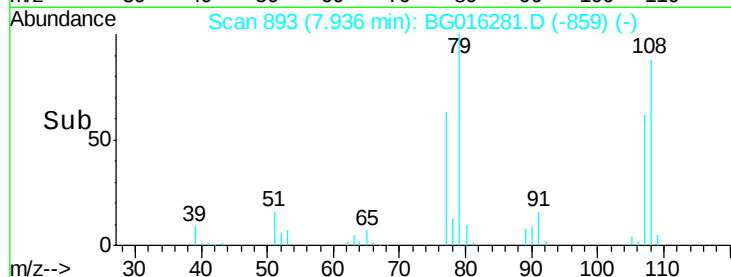
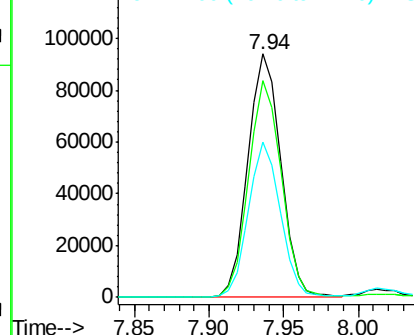
79 100

108 88.8 69.3 103.9

77 63.6 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.90 ng

RT: 8.24 min Scan# 944

Delta R.T. 0.01 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

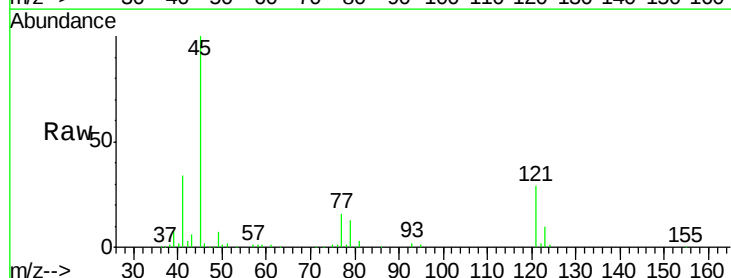
Tgt Ion: 45 Resp: 191131

Ion Ratio Lower Upper

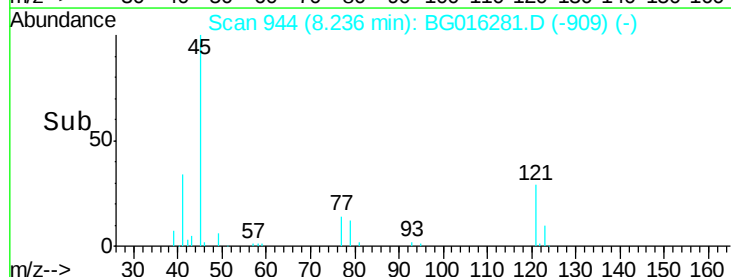
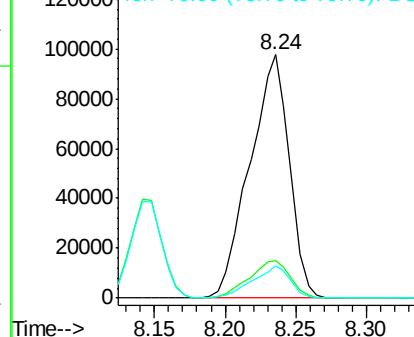
45 100

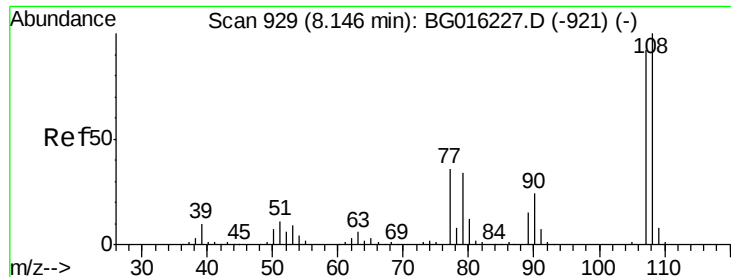
77 15.6 0.0 35.3

79 13.2 0.0 32.3



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

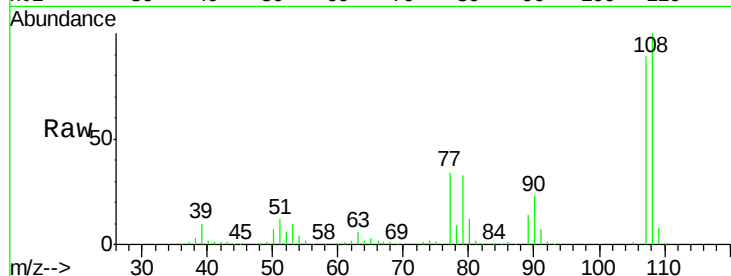




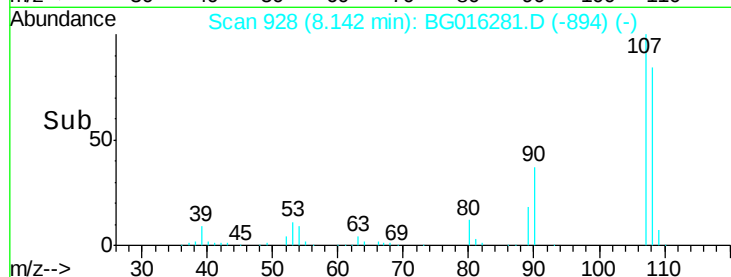
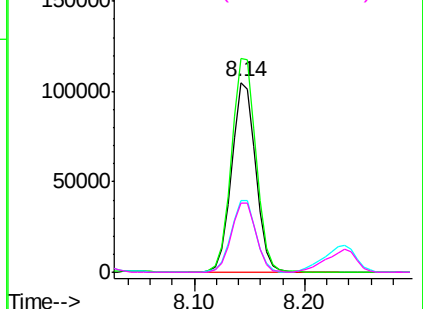
#17
2-Methylphenol
Concen: 48.40 ng
RT: 8.14 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:107 Resp: 160999
Ion Ratio Lower Upper
107 100
108 112.4 87.2 130.8
77 37.7 31.1 46.7
79 36.6 29.7 44.5

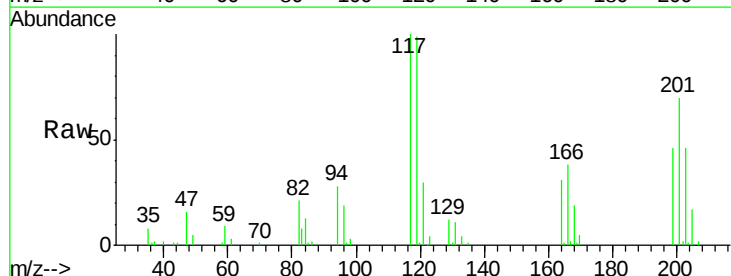


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

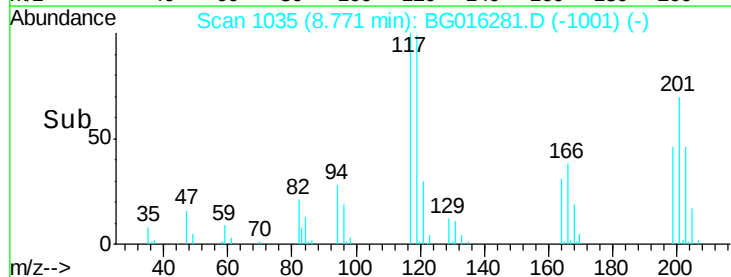
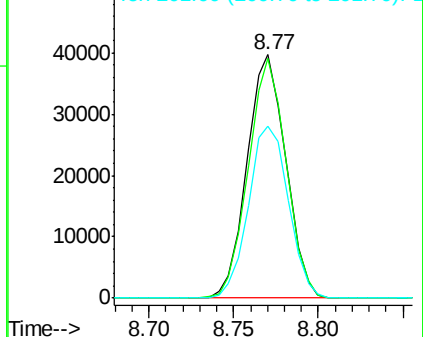


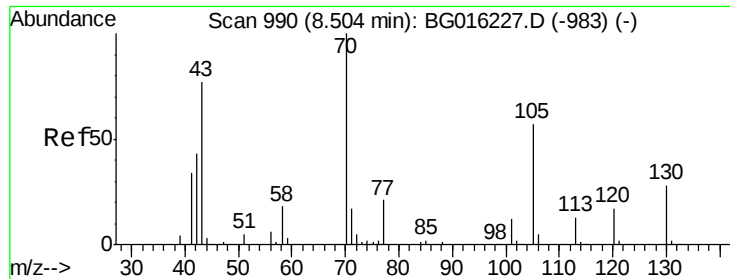
#18
Hexachloroethane
Concen: 42.48 ng
RT: 8.77 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:117 Resp: 63141
Ion Ratio Lower Upper
117 100
119 98.7 78.8 118.2
201 70.4 59.0 88.4



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

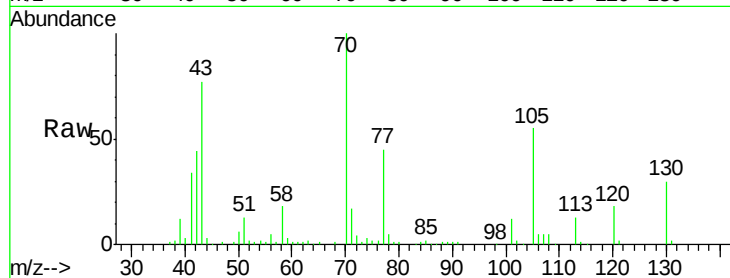




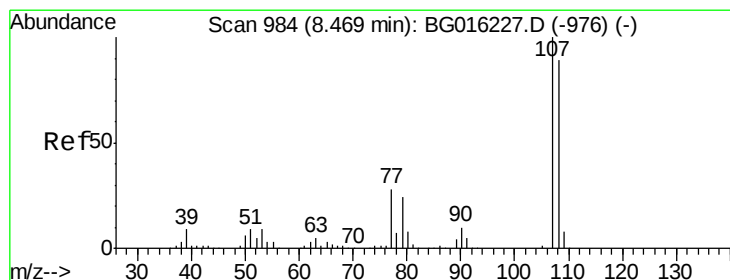
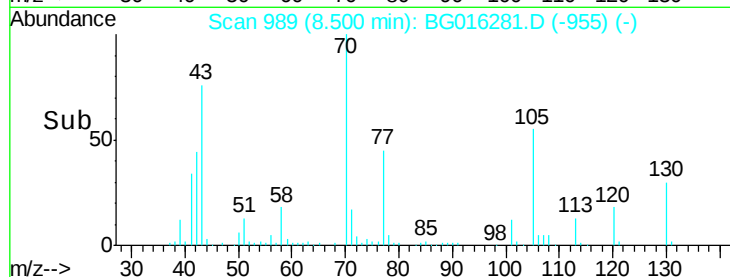
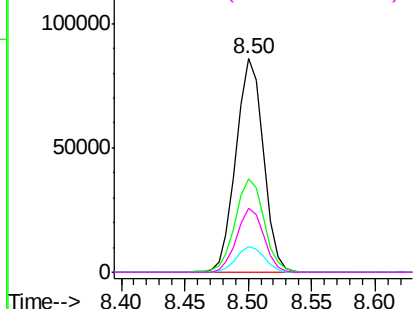
#19
n-Nitroso-di-n-propylamine
Concen: 38.61 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion: 70 Resp: 128267
Ion Ratio Lower Upper
70 100
42 43.9 34.7 52.1
101 11.7 9.2 13.8
130 29.8 22.6 33.8

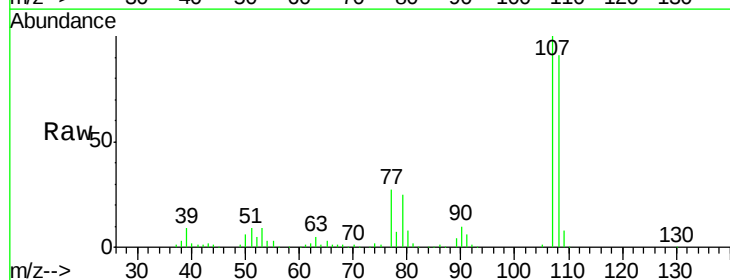


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

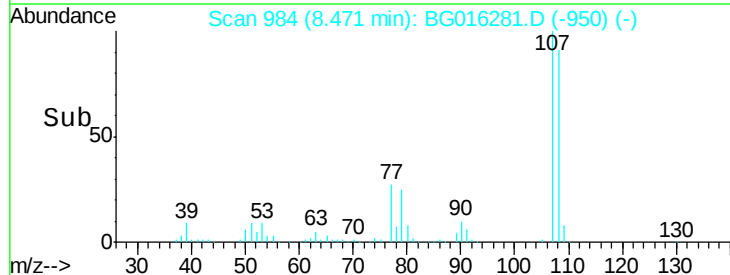
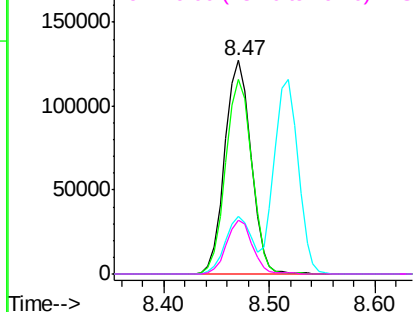


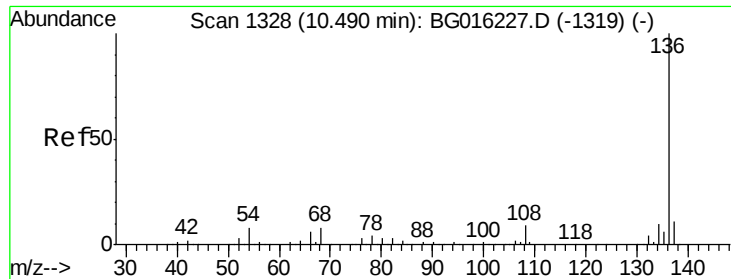
#20
3+4-Methylphenols
Concen: 47.67 ng
RT: 8.47 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion: 107 Resp: 219646
Ion Ratio Lower Upper
107 100
108 91.1 69.5 109.5
77 27.0 8.2 48.2
79 25.2 3.8 43.8



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

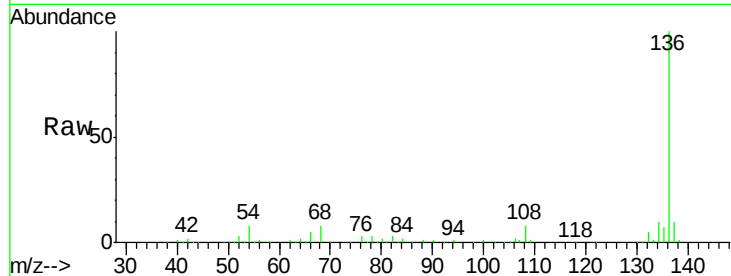




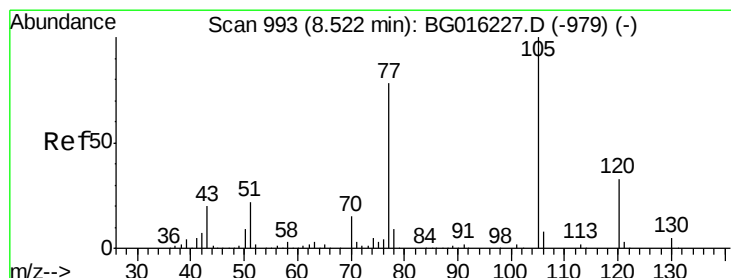
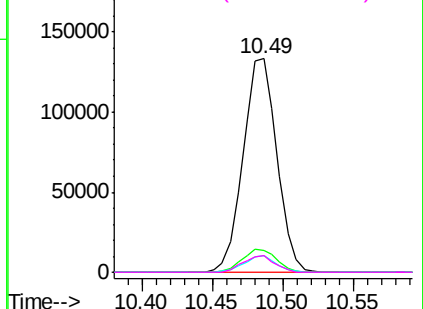
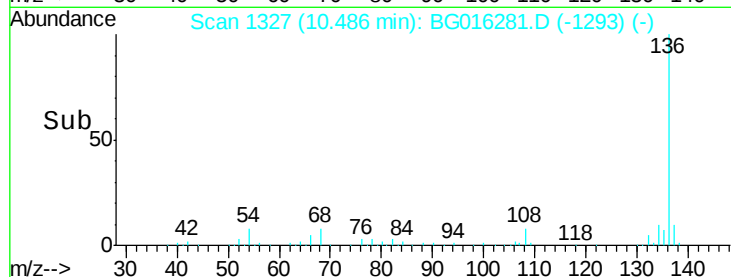
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:136	Resp:	223400
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.7 13.1
54	7.5	6.3 9.5
68	7.7	6.5 9.7

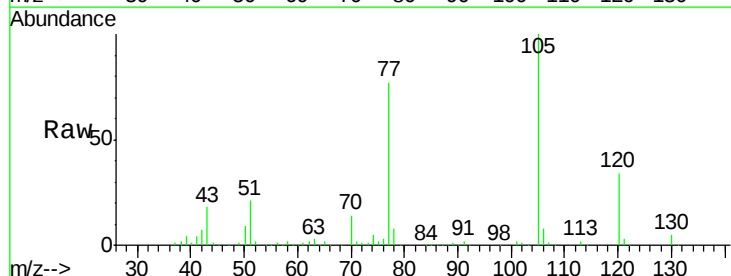


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGO
Ion 68.00 (67.70 to 68.70): BGO

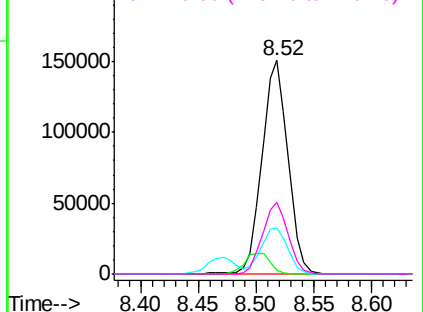
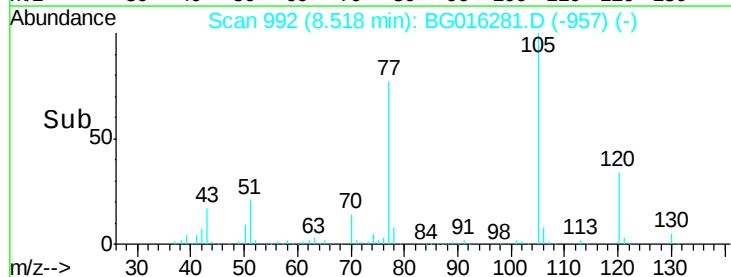


#22
Acetophenone
Concen: 45.72 ng
RT: 8.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:105	Resp:	236823
Ion	Ratio	Lower Upper
105	100	
71	1.8	2.0 3.0#
51	21.4	17.9 26.9
120	33.7	26.3 39.5



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

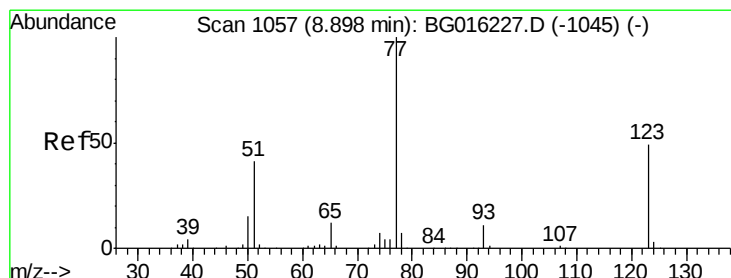
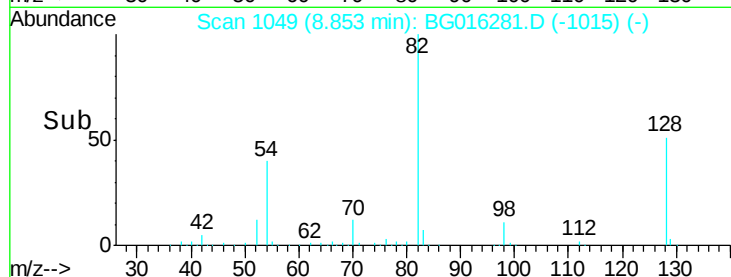
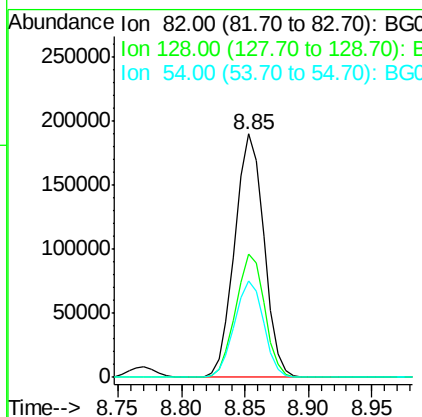
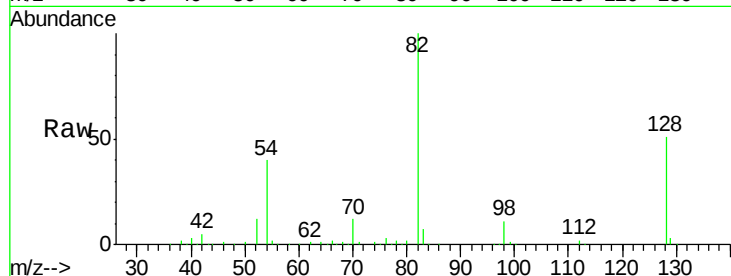




#23
 Nitrobenzene-d5
 Concen: 78.86 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

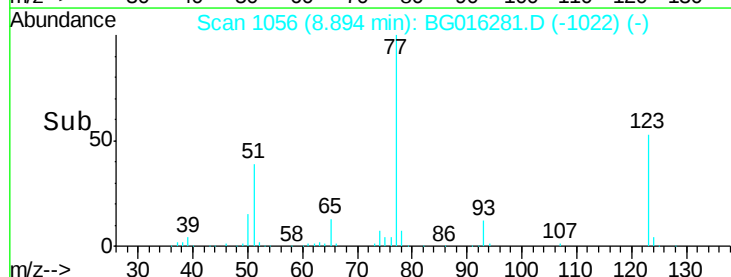
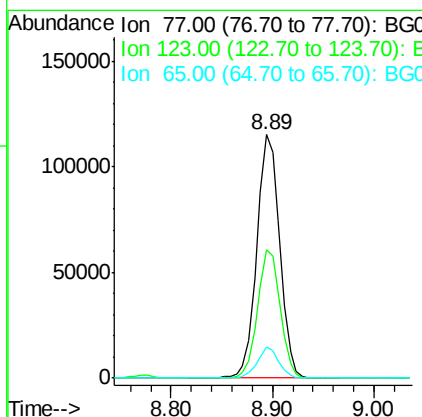
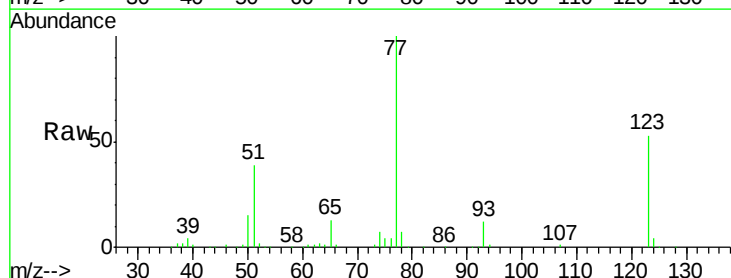
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

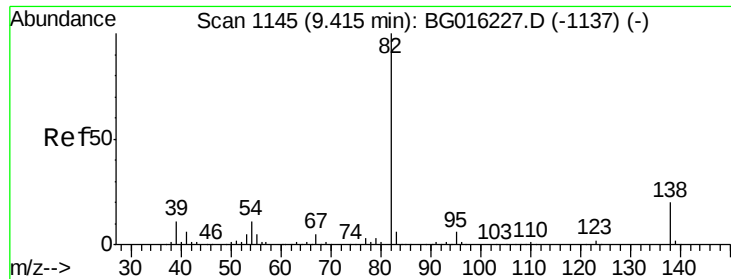
Tot Ion	82	Resp	304107
Ion Ratio	100	Lower	Upper
128	50.5	37.8	56.8
54	39.6	32.6	49.0



#24
 Nitrobenzene
 Concen: 43.79 ng
 RT: 8.89 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion	77	Resp	180578
Ion Ratio	100	Lower	Upper
123	52.6	38.8	58.2
65	12.6	9.4	14.2





#25

Isophorone

Concen: 41.15 ng

RT: 9.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

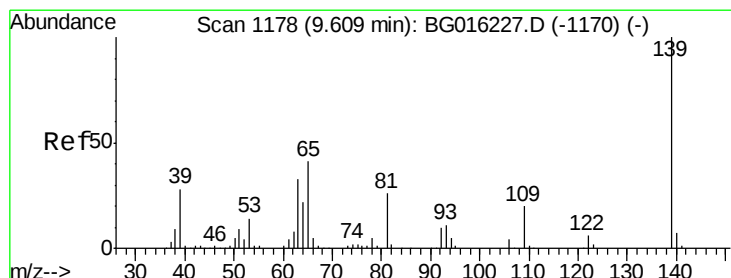
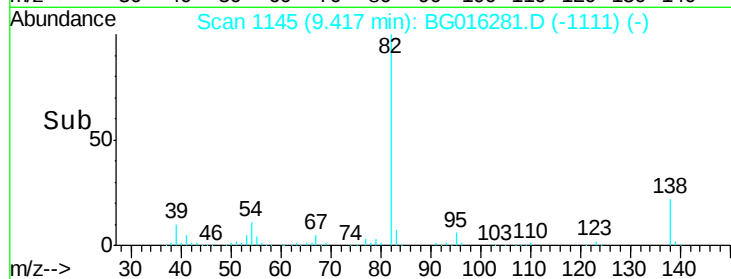
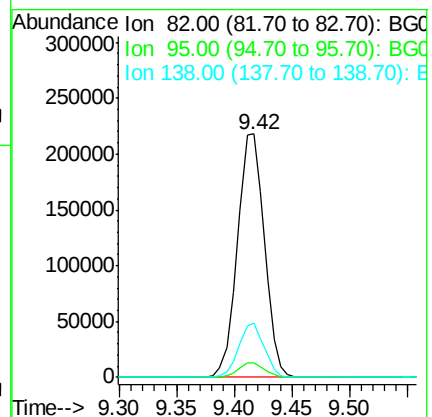
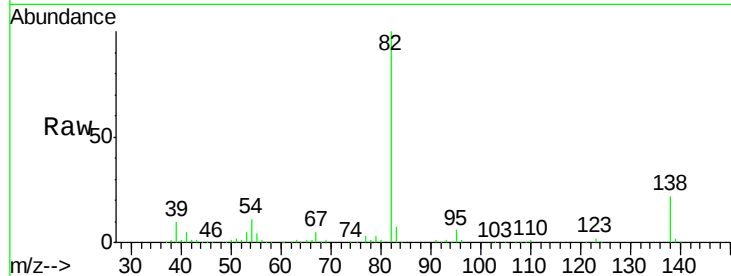
Tot Ion: 82 Resp: 352408

Ion Ratio Lower Upper

82 100

95 6.2 5.0 7.6

138 22.3 16.2 24.2



#26

2-Nitrophenol

Concen: 50.82 ng

RT: 9.60 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

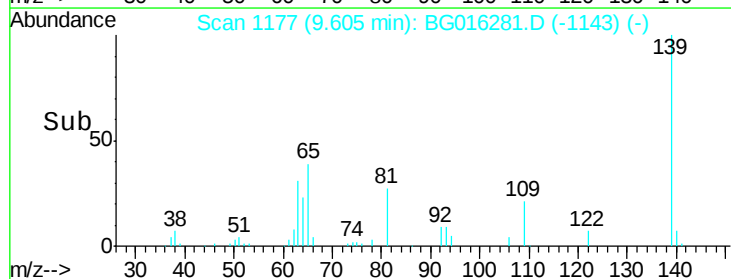
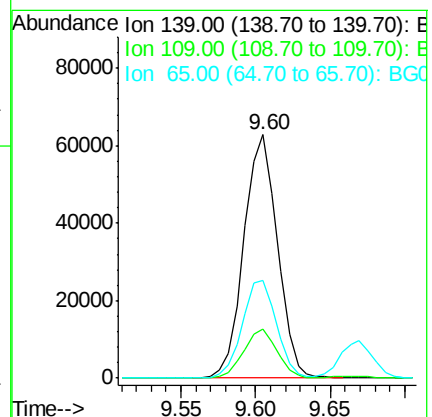
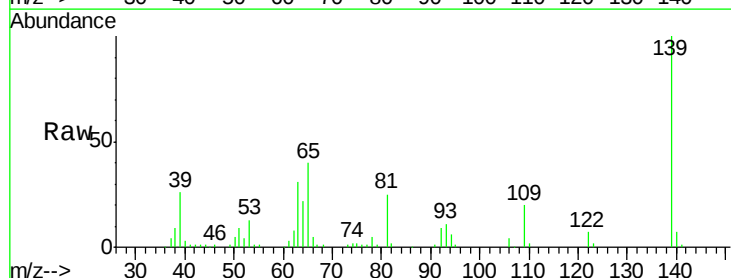
Tgt Ion: 139 Resp: 97733

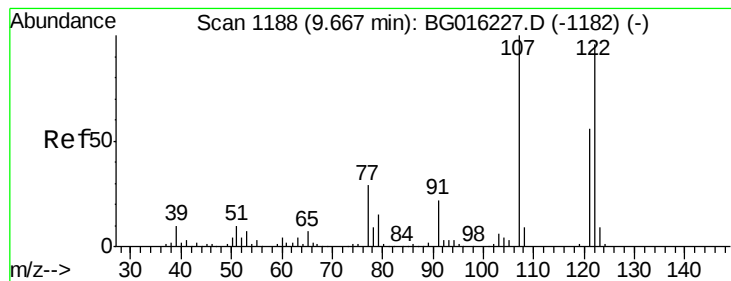
Ion Ratio Lower Upper

139 100

109 20.1 15.9 23.9

65 40.3 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 51.52 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

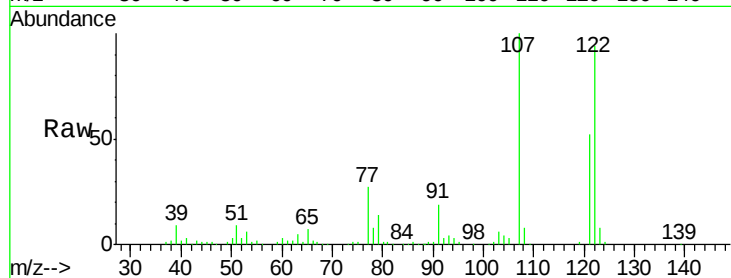
Tot Ion:122 Resp: 184557

Ion Ratio Lower Upper

122 100

107 106.8 83.4 125.2

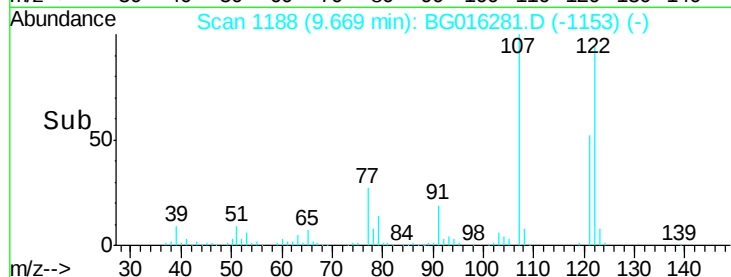
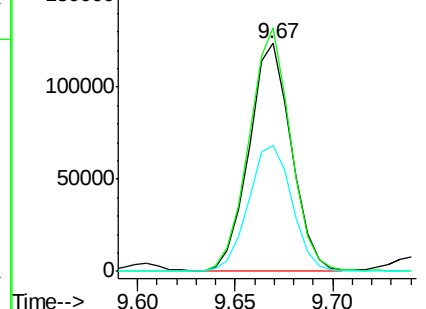
121 55.2 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.10 ng

RT: 9.90 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

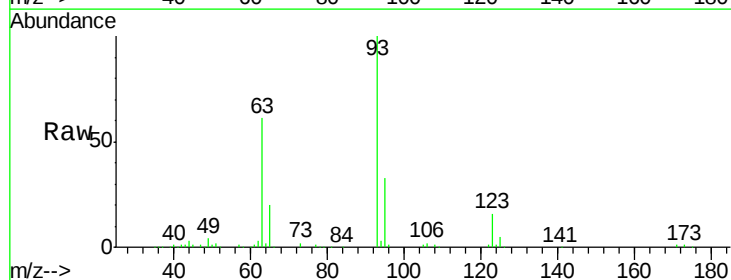
Tgt Ion: 93 Resp: 220474

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

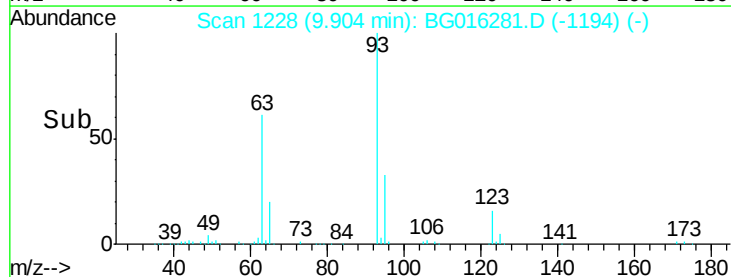
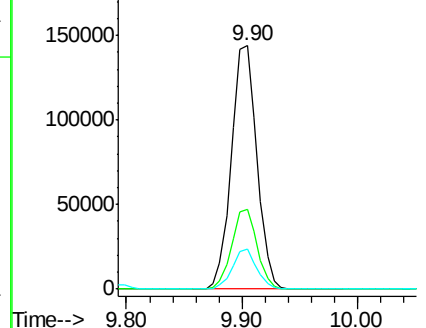
123 16.4 11.8 17.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

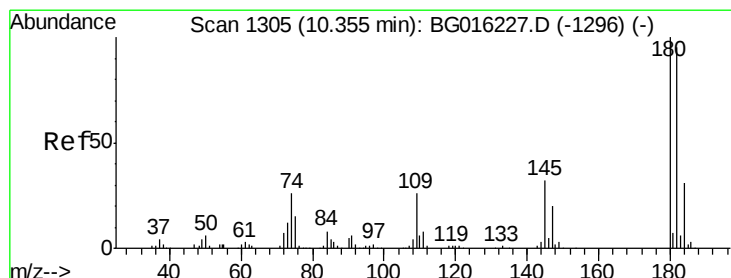
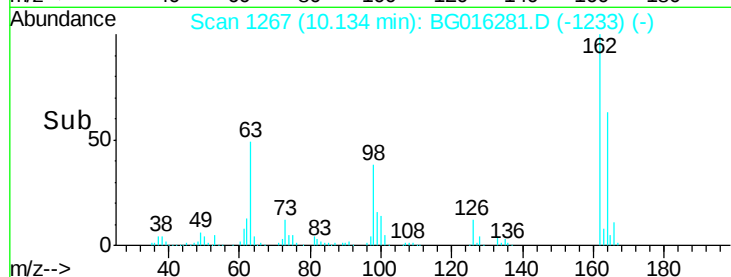
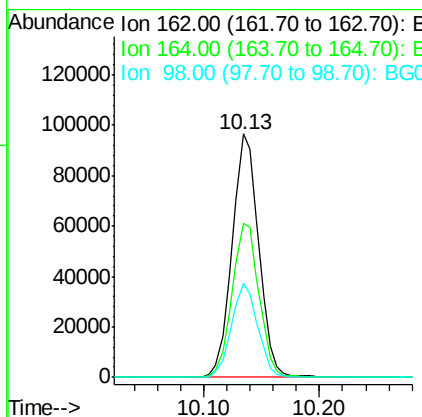
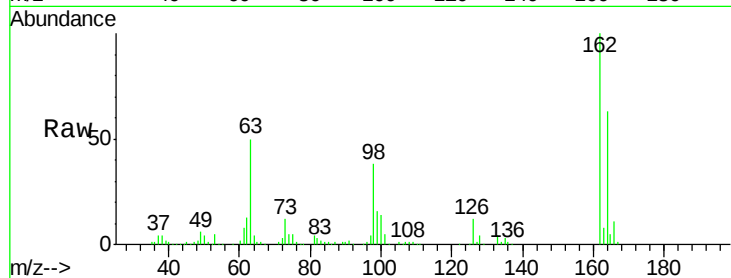




#29
 2,4-Dichlorophenol
 Concen: 54.27 ng
 RT: 10.13 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

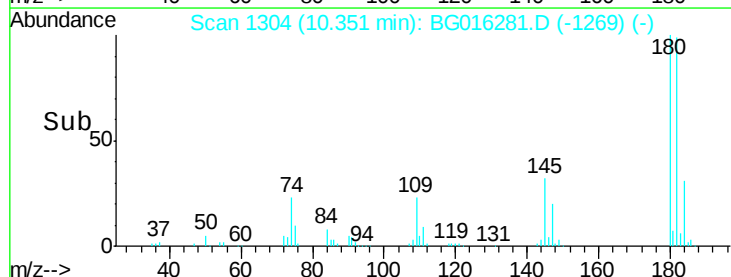
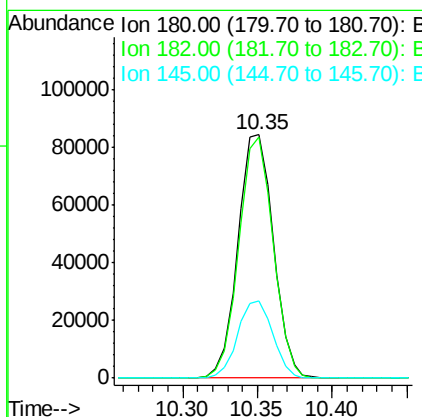
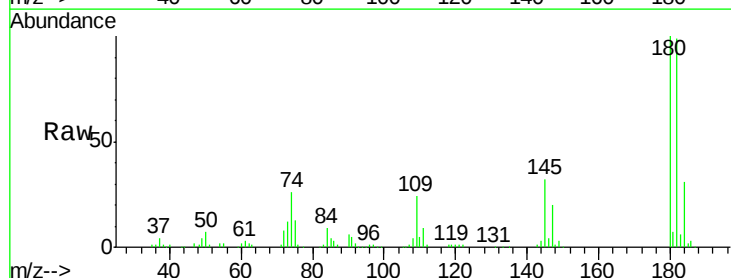
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

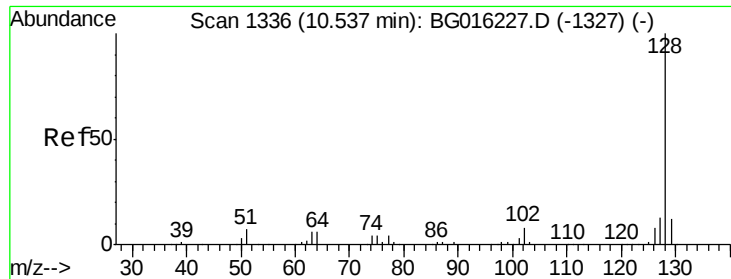
Tot Ion:162 Resp: 153808
 Ion Ratio Lower Upper
 162 100
 164 63.4 45.0 85.0
 98 38.4 19.1 59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 46.85 ng
 RT: 10.35 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:180 Resp: 138640
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.3 114.5
 145 31.8 25.2 37.8

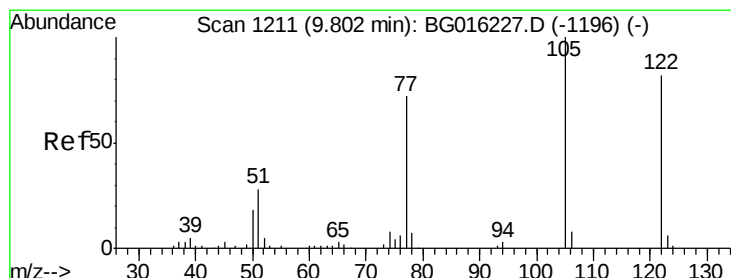
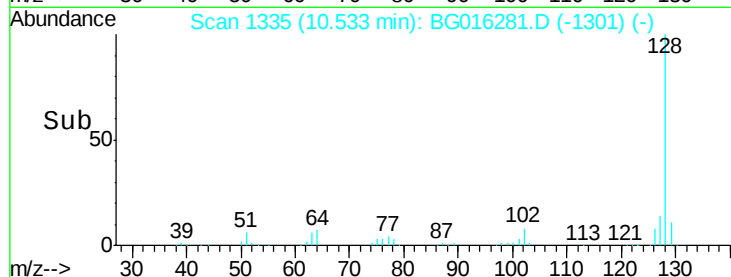
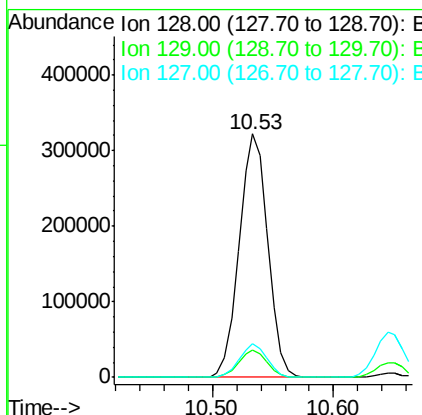
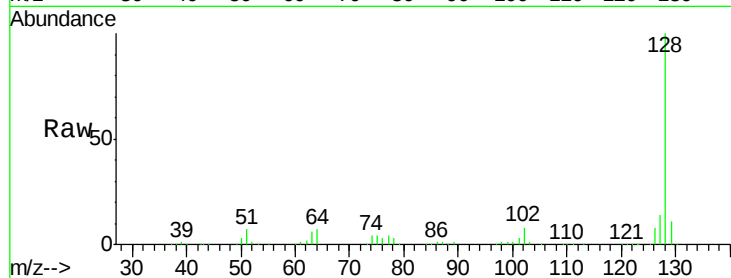




#31
Naphthalene
Concen: 45.53 ng
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

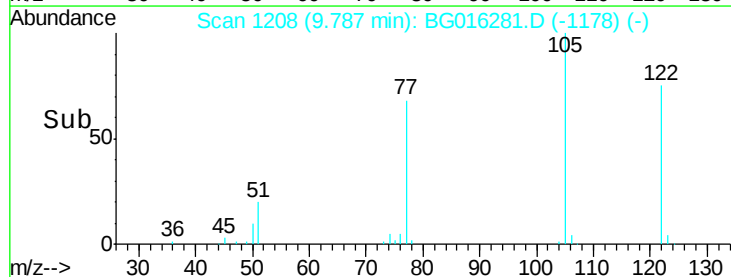
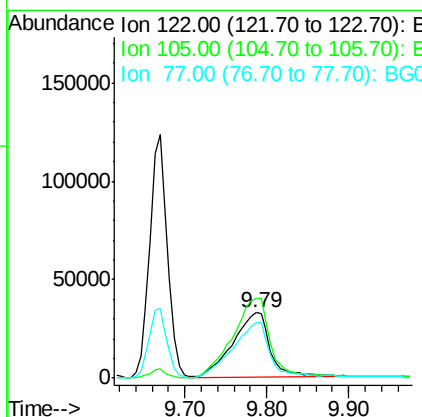
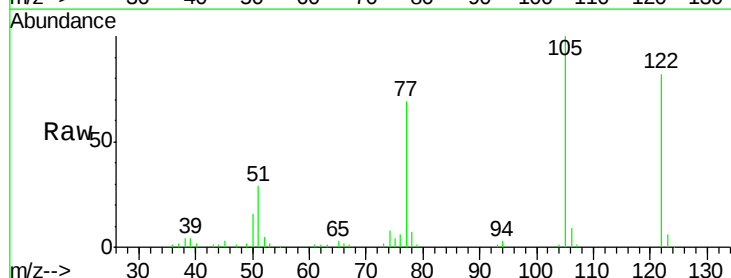
Instrument :
BNA_G
ClientSampleId :
PB82625BSD

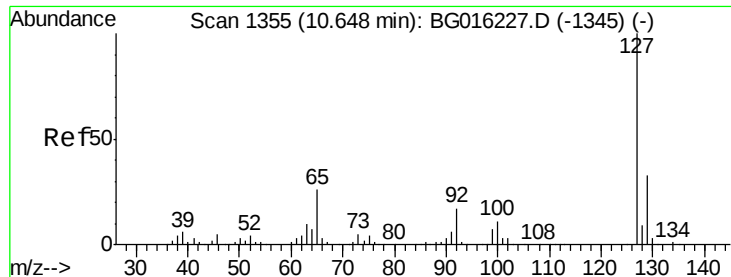
Tot Ion:128 Resp: 530015
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 45.24 ng
RT: 9.79 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:122 Resp: 104264
Ion Ratio Lower Upper
122 100
105 122.3 99.7 139.7
77 85.0 66.8 106.8

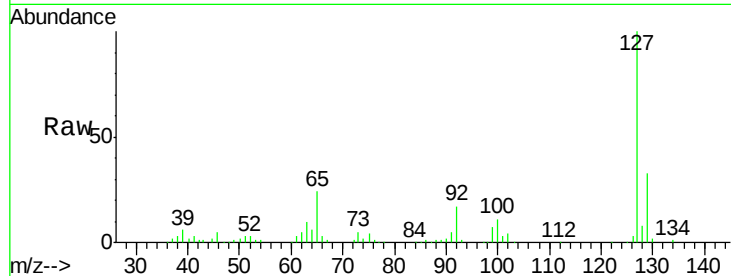




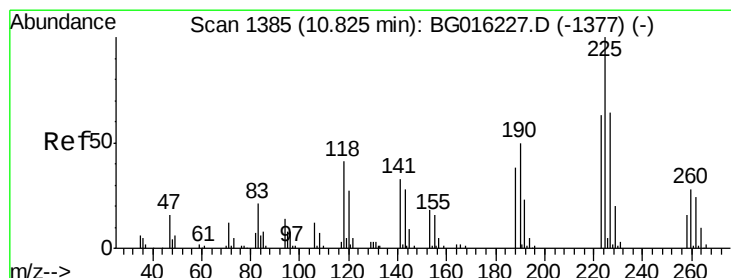
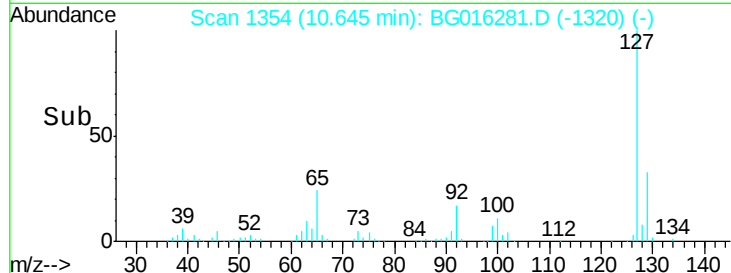
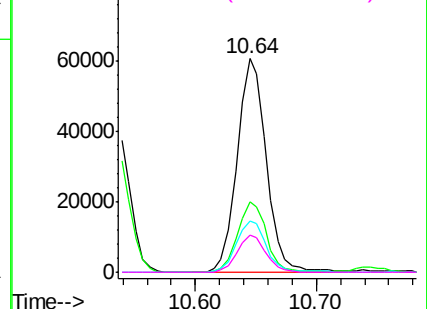
#33
4-Chloroaniline
Concen: 18.71 ng
RT: 10.64 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:	127	Resp:	102190
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	23.7	21.2	31.8
92	17.5	13.8	20.6

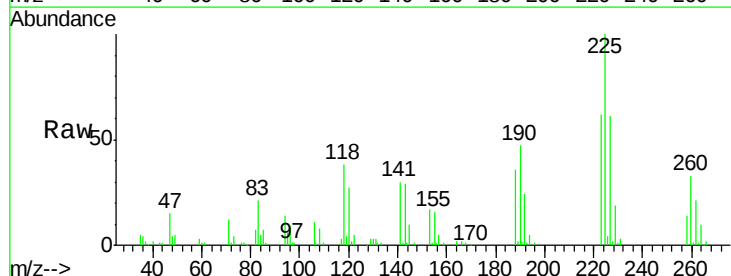


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

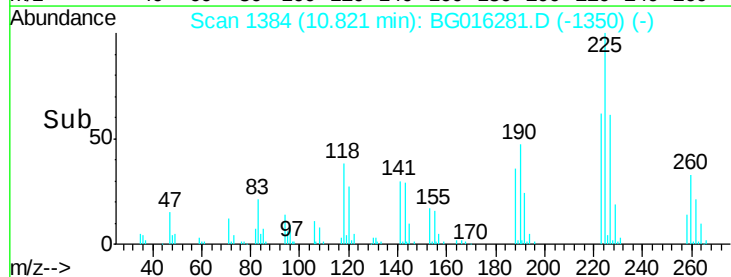
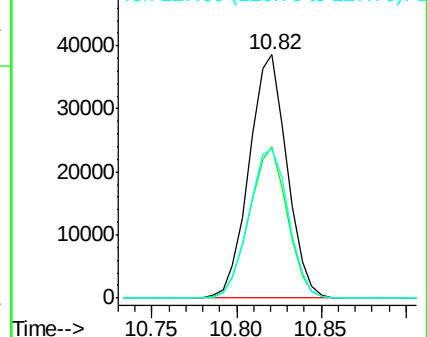


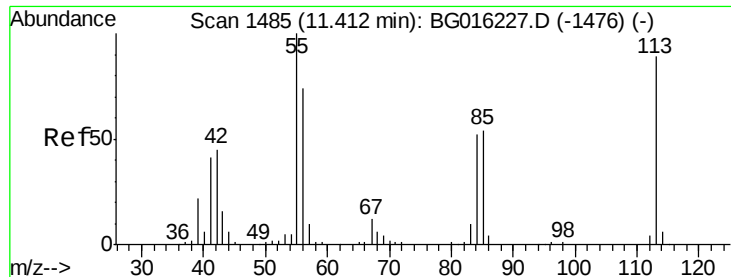
#34
Hexachlorobutadiene
Concen: 46.26 ng
RT: 10.82 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:	225	Resp:	60130
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	61.0	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: 47.80 ng/mL

RT: 11.40 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

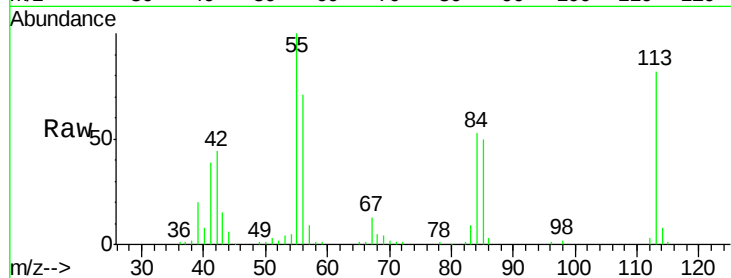
Tot Ion:113 Resp: 85286

Ion Ratio Lower Upper

113 100

55 121.9 92.4 132.4

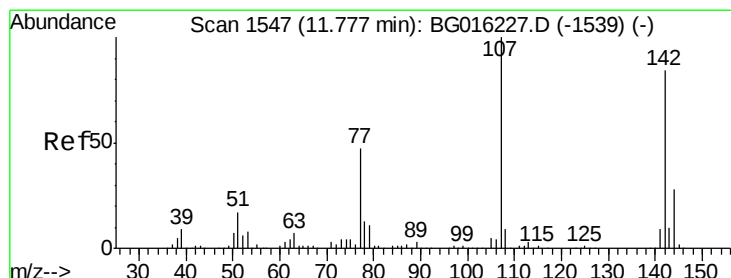
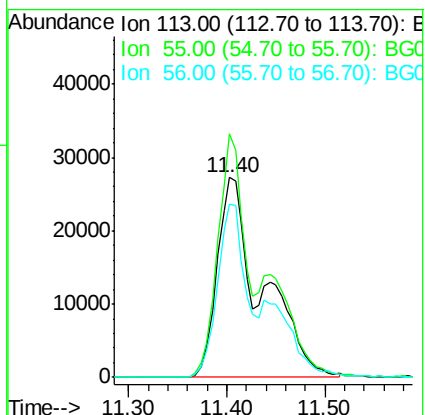
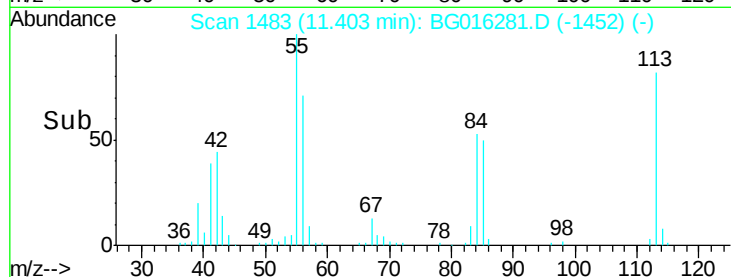
56 86.7 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG016227.D (-1476) (-)

Ion 56.00 (55.70 to 56.70): BG016227.D (-1476) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.42 ng/mL

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

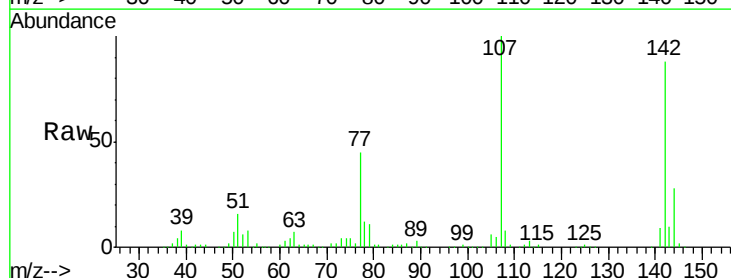
Tgt Ion:107 Resp: 188796

Ion Ratio Lower Upper

107 100

144 28.4 22.0 33.0

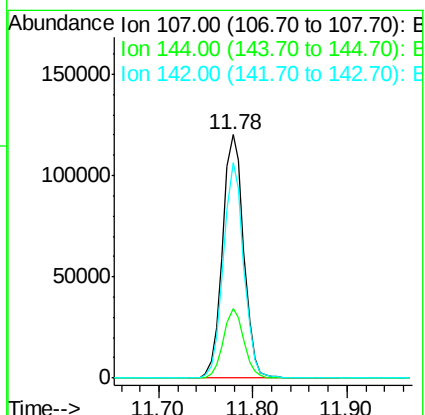
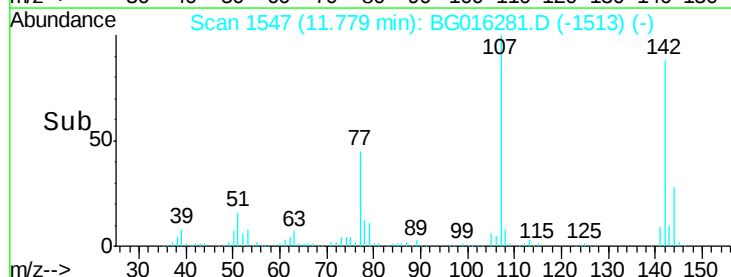
142 88.4 67.0 100.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG016227.D (-1539) (-)

Ion 142.00 (141.70 to 142.70): BG016227.D (-1539) (-)

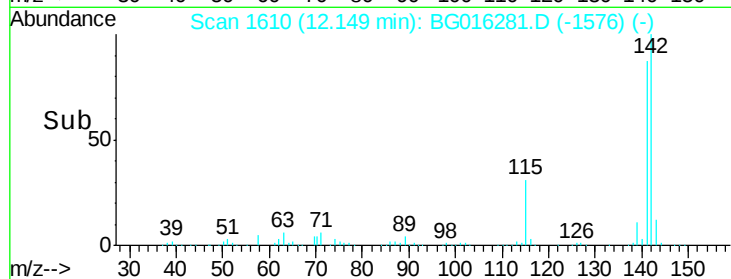
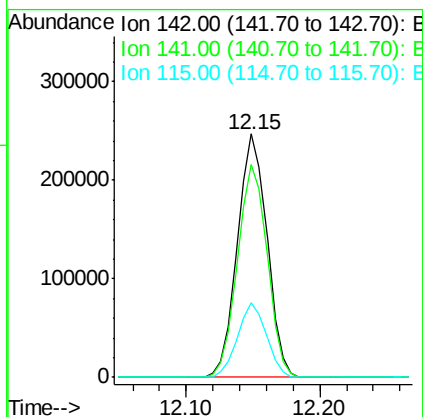
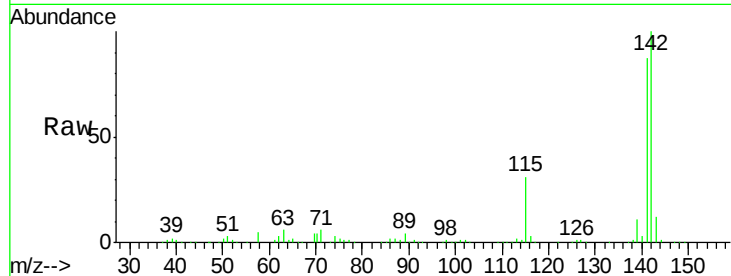




#37
2-Methylnaphthalene
Concen: 45.33 ng
RT: 12.15 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

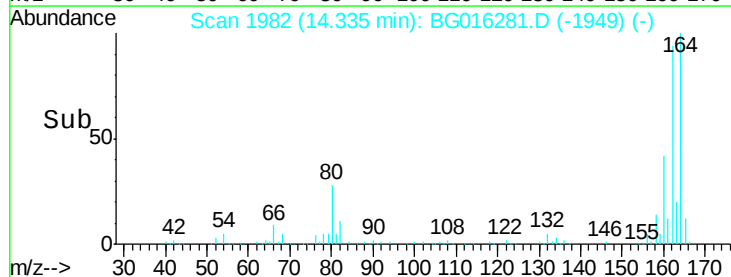
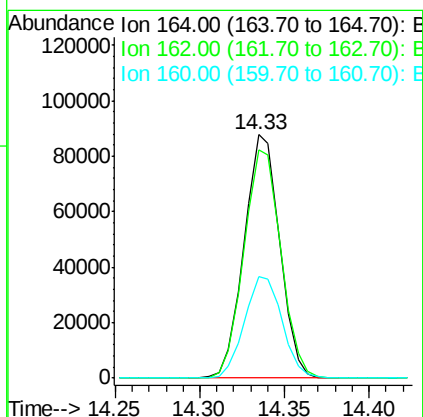
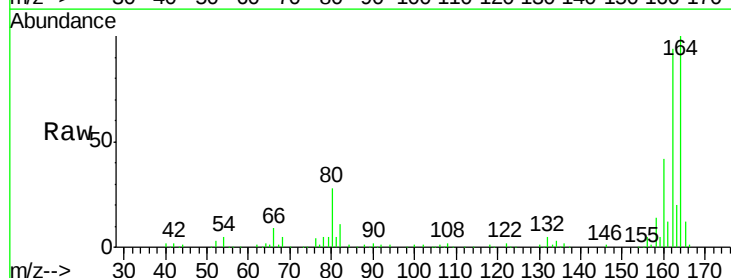
Instrument :
BNA_G
ClientSampleId :
PB82625BSD

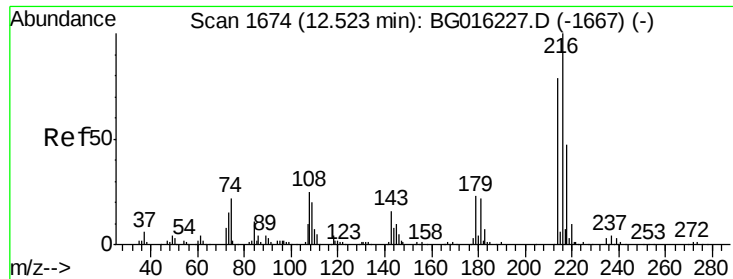
Tot Ion:142 Resp: 379599
Ion Ratio Lower Upper
142 100
141 87.5 69.3 103.9
115 30.7 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:164 Resp: 128286
Ion Ratio Lower Upper
164 100
162 93.9 77.3 115.9
160 41.6 36.7 55.1

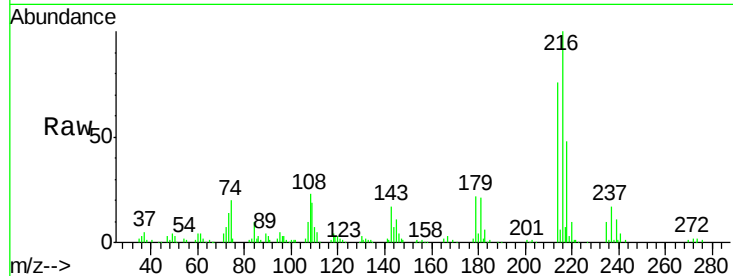




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.95 ng
 RT: 12.52 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:	216	Resp:	132602
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	22.4	18.2	27.2
108	27.3	21.2	31.8

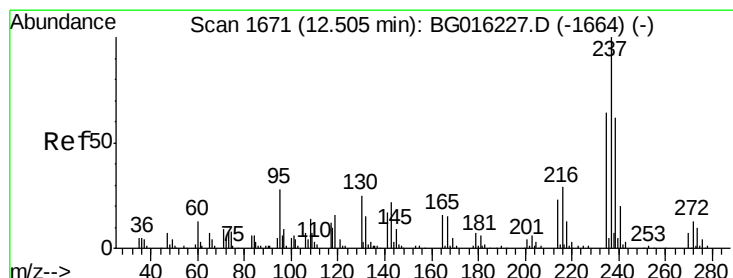
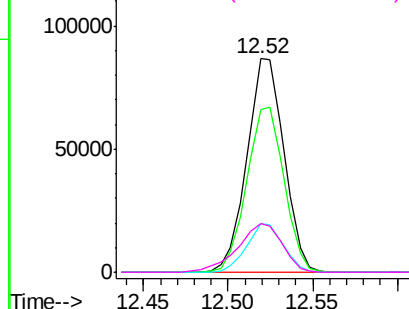
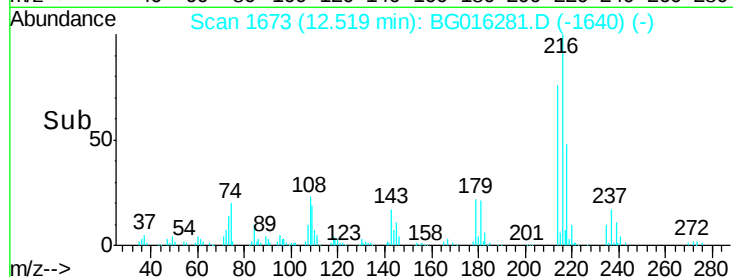


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

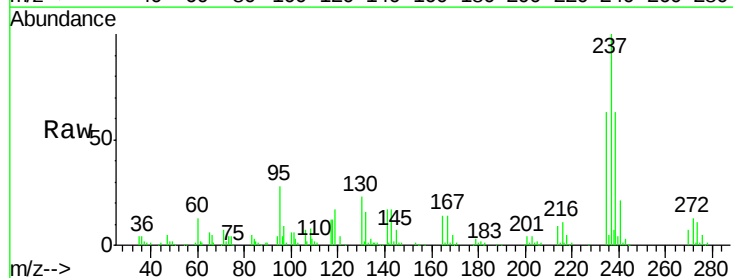
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 101.39 ng
 RT: 12.50 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

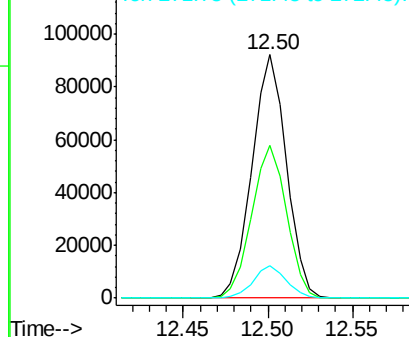
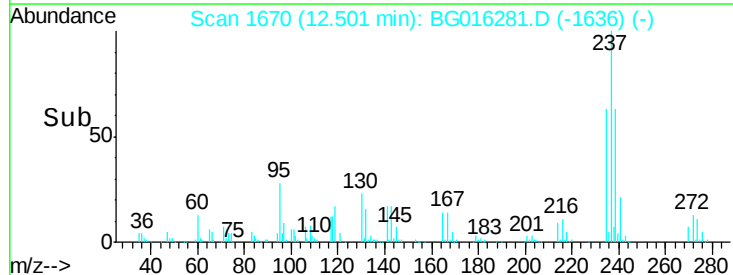
Tgt Ion:	237	Resp:	131082
Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.9	83.9
272	13.4	0.0	33.1



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

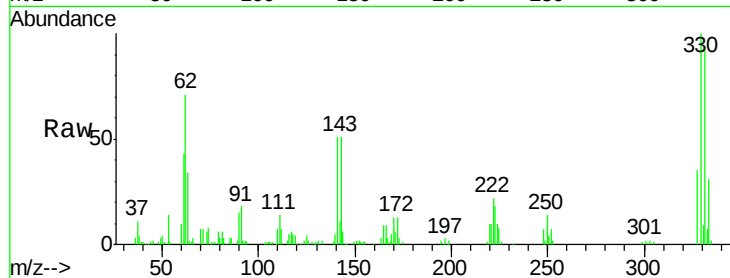




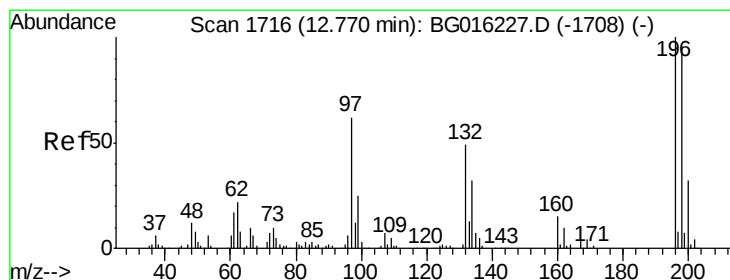
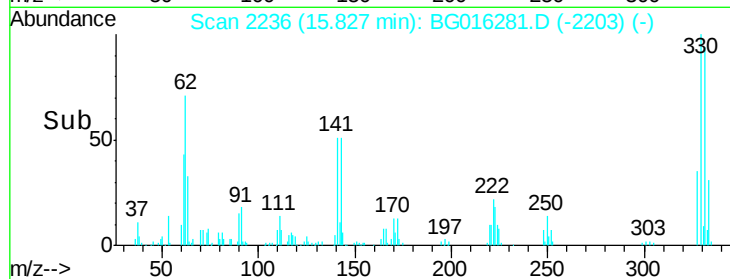
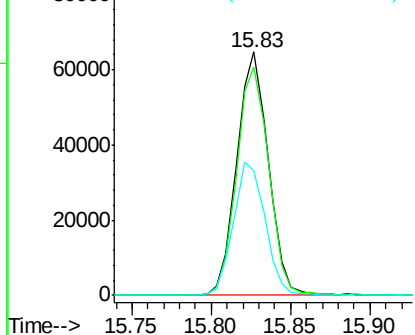
#41
 2,4,6-Tribromophenol
 Concen: 102.67 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:330 Resp: 89075
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 55.1 46.6 69.8

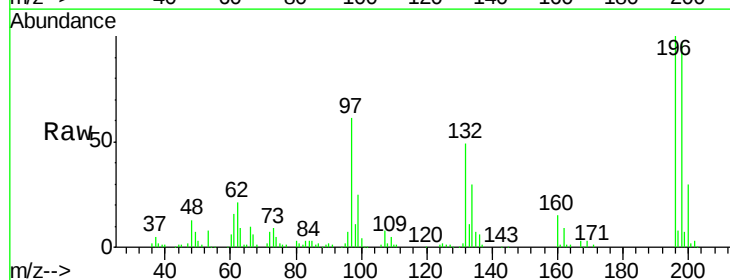


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

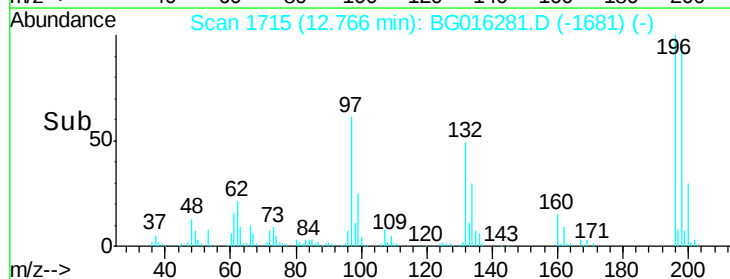
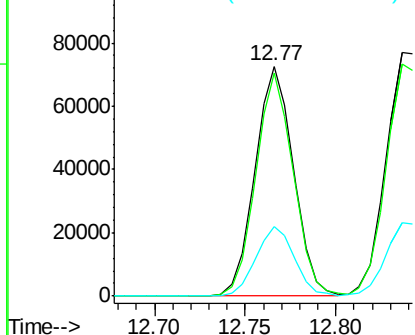


#42
 2,4,6-Trichlorophenol
 Concen: 50.88 ng
 RT: 12.77 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:196 Resp: 106790
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.2 115.8
 200 30.4 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

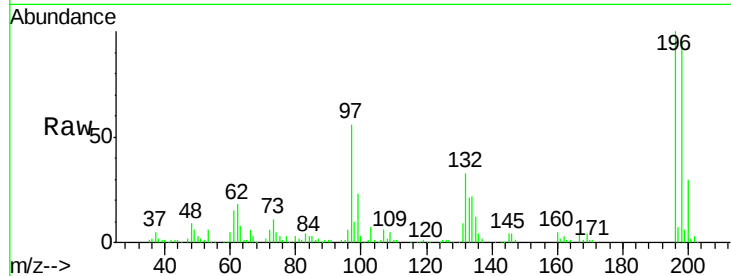




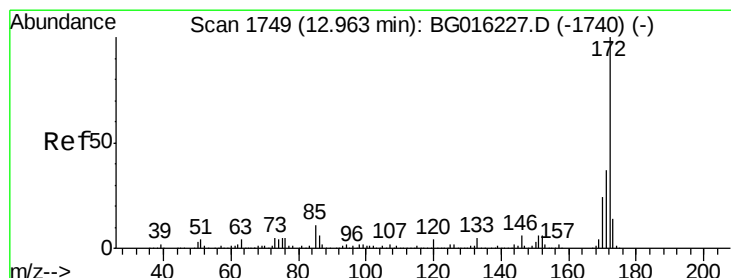
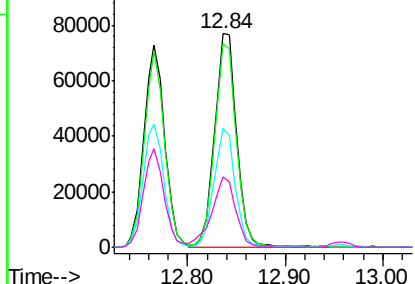
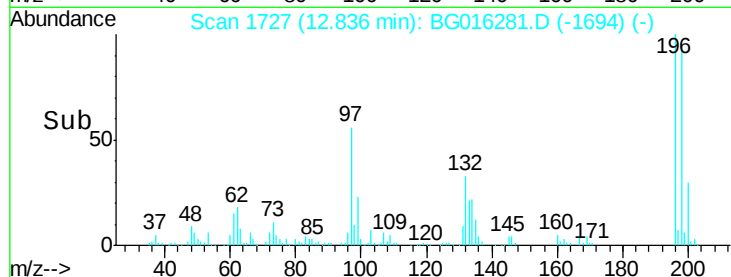
#43
 2,4,5-Trichlorophenol
 Concen: 53.77 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.5	77.1	115.7	
97	55.7	46.6	69.8	
132	33.1	27.0	40.6	

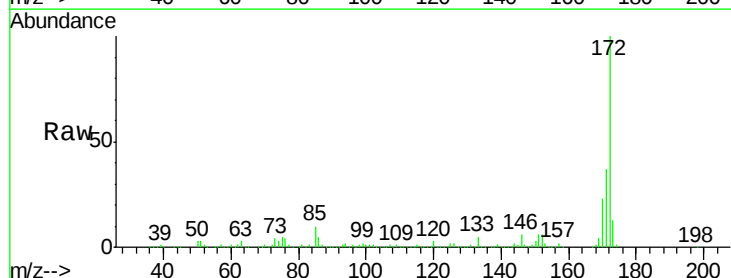


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

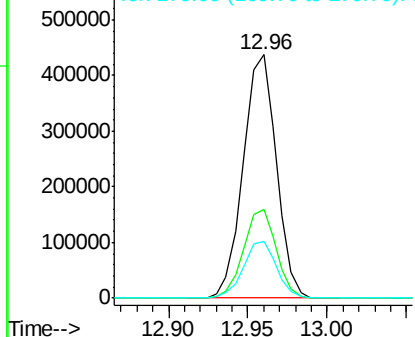
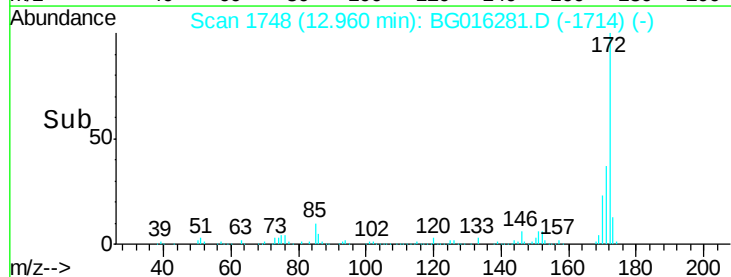


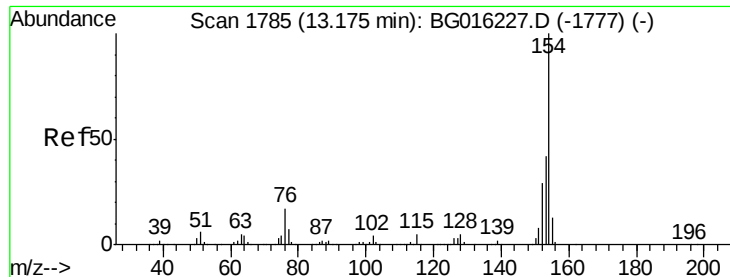
#44
 2-Fluorobiphenyl
 Concen: 84.18 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	29.6	44.4	
170	23.5	19.4	29.2	



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

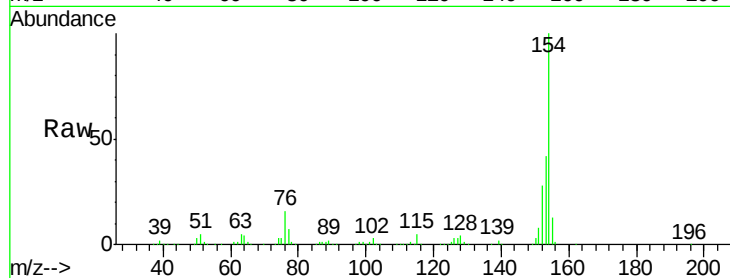




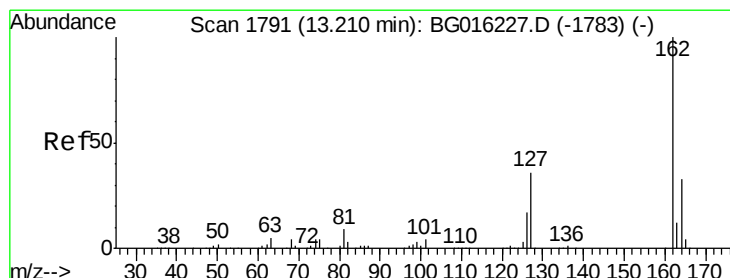
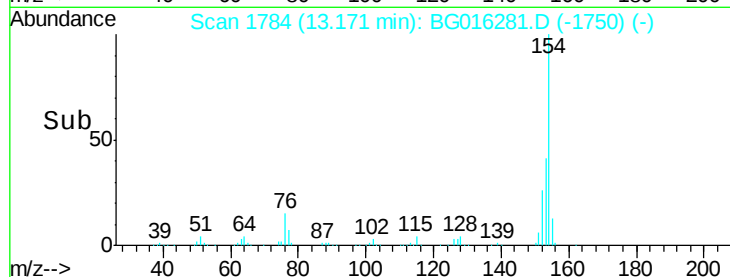
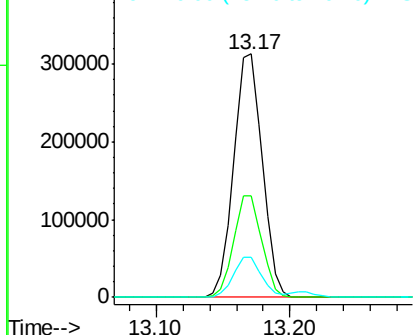
#45
 1,1'-Biphenyl
 Concen: 47.32 ng
 RT: 13.17 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:154 Resp: 465672
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.4 62.4
 76 16.3 0.0 37.1

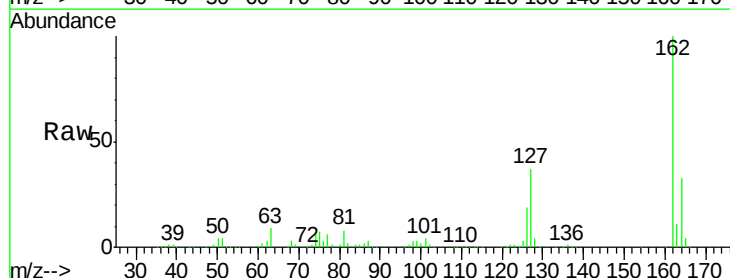


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

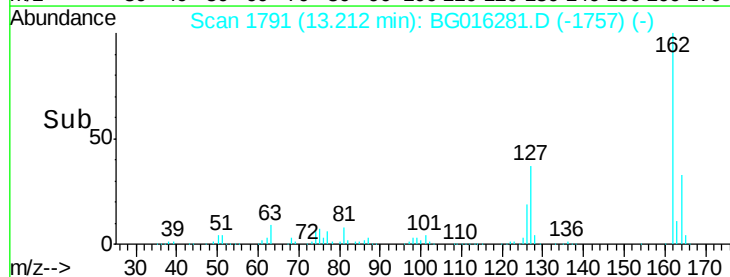
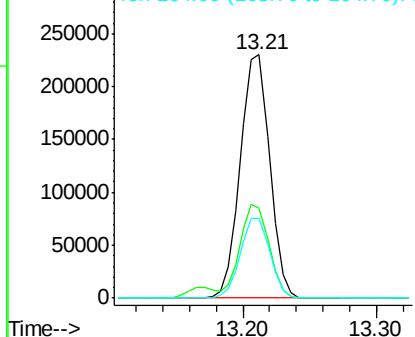


#46
 2-Chloronaphthalene
 Concen: 46.71 ng
 RT: 13.21 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:162 Resp: 350162
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.8 46.2
 164 32.7 26.6 40.0



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

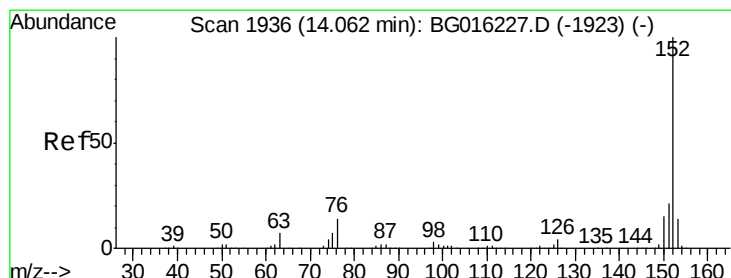
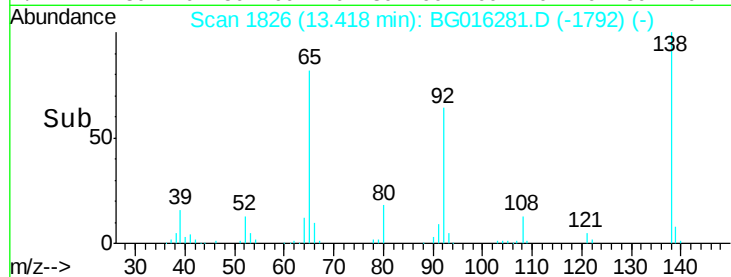
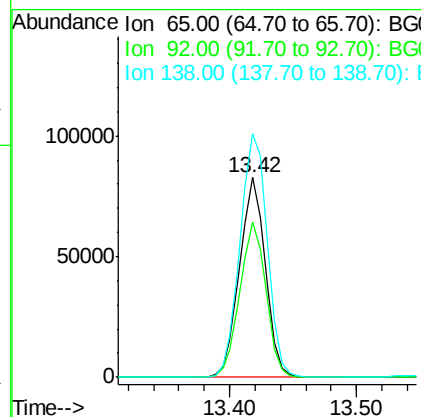
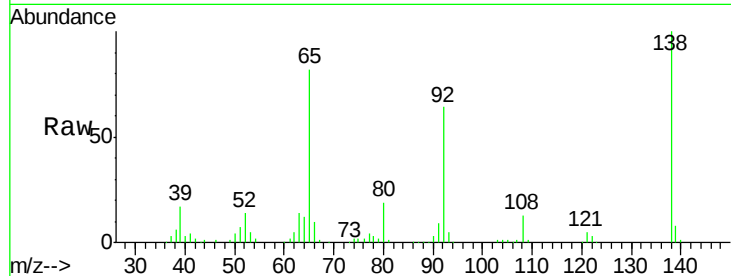




#47
 2-Nitroaniline
 Concen: 48.22 ng
 RT: 13.42 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

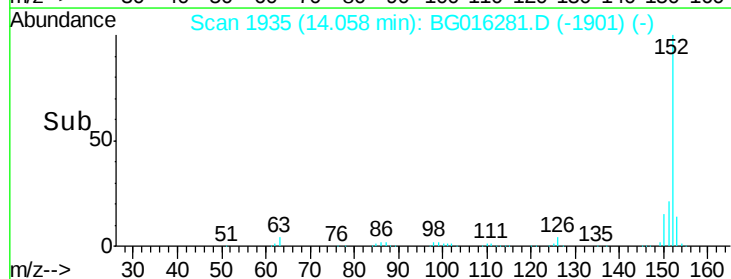
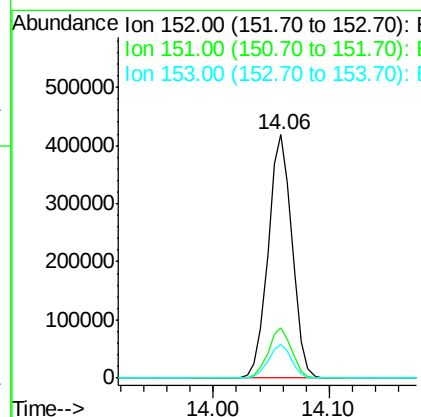
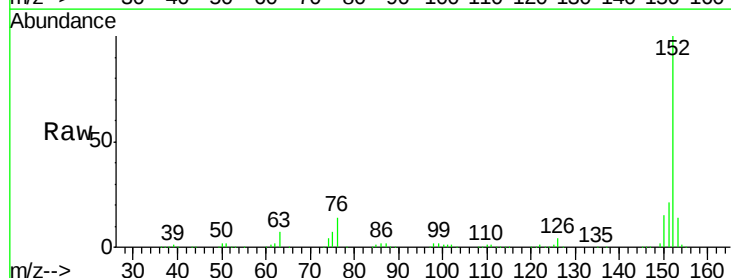
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:	65	Resp:	116514
Ion	Ratio	Lower	Upper
65	100		
92	77.7	61.0	91.6
138	121.8	98.7	148.1



#48
 Acenaphthylene
 Concen: 45.34 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:	152	Resp:	604393
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	13.9	11.1	16.7





#49

Dimethylphthalate

Concen: 45.48 ng

RT: 13.80 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

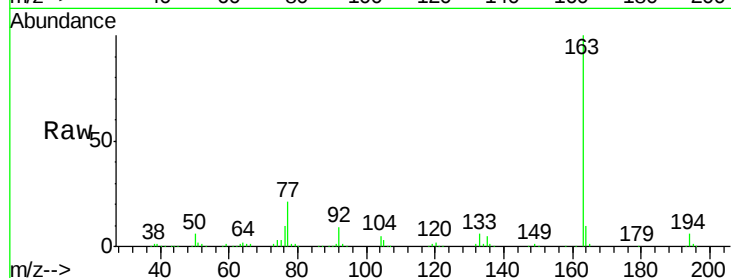
Tot Ion:163 Resp: 427565

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

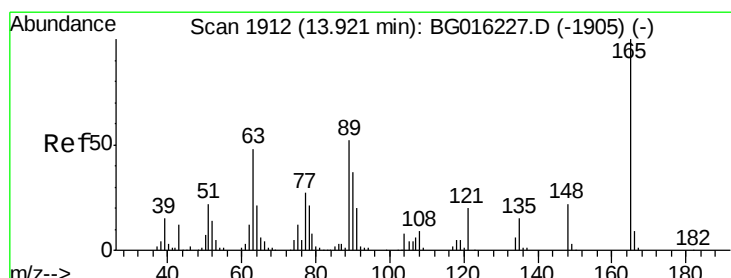
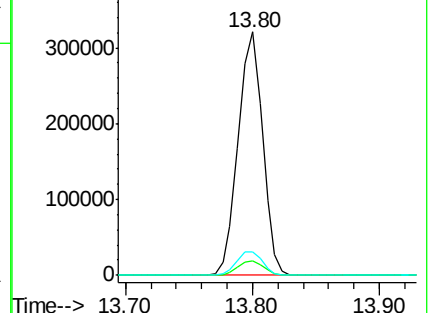
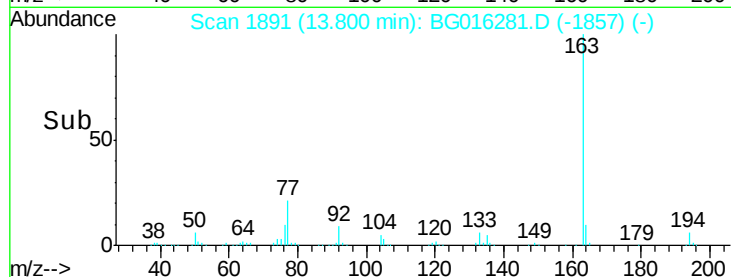
164 9.7 8.2 12.4



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: 48.13 ng

RT: 13.92 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

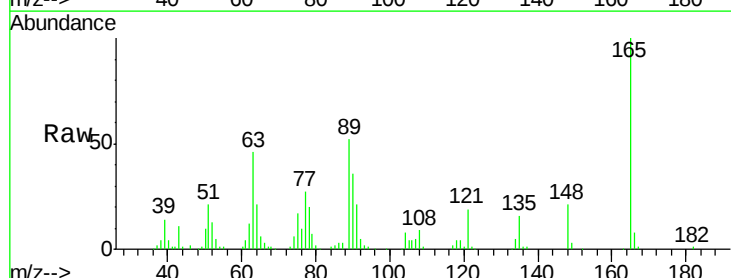
Tgt Ion:165 Resp: 109453

Ion Ratio Lower Upper

165 100

63 46.4 39.3 58.9

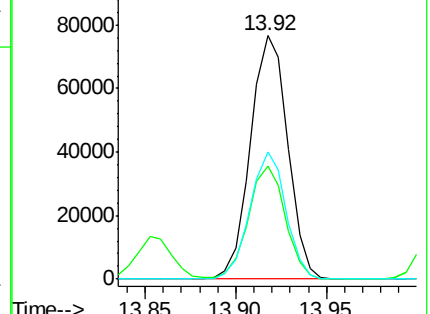
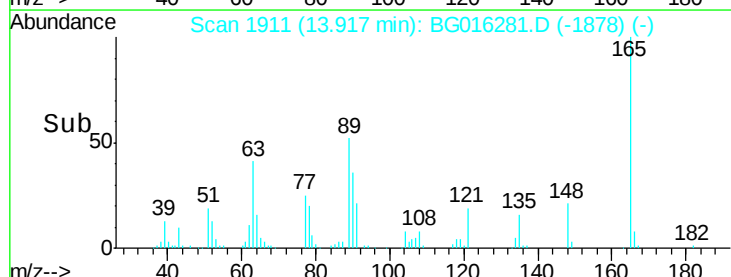
89 52.4 41.3 61.9

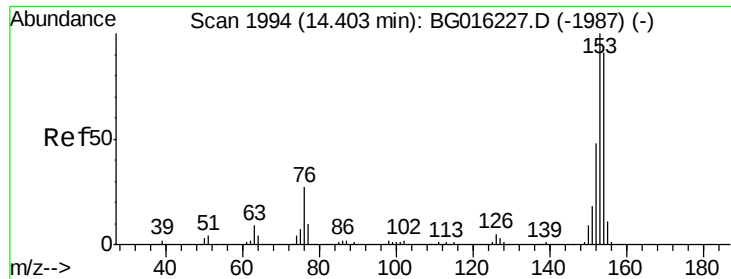


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.80 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

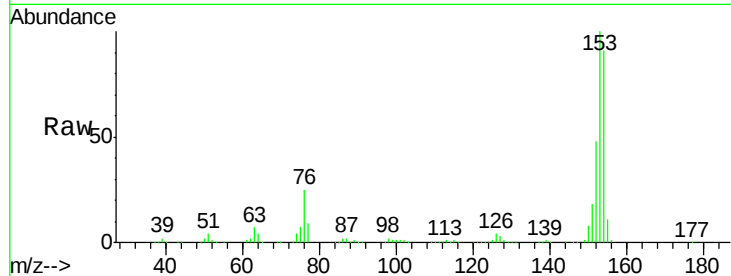
Tot Ion:154 Resp: 364816

Ion Ratio Lower Upper

154 100

153 109.3 87.5 131.3

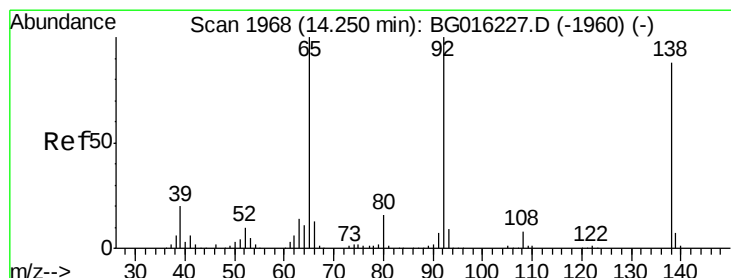
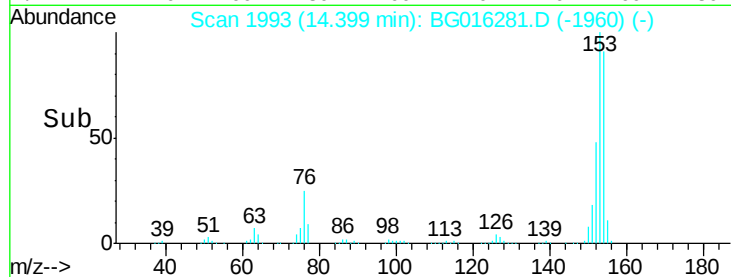
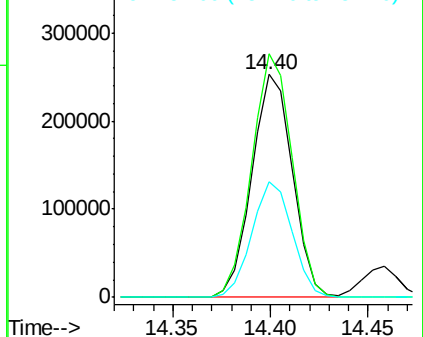
152 52.1 42.1 63.1



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: 29.19 ng

RT: 14.25 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

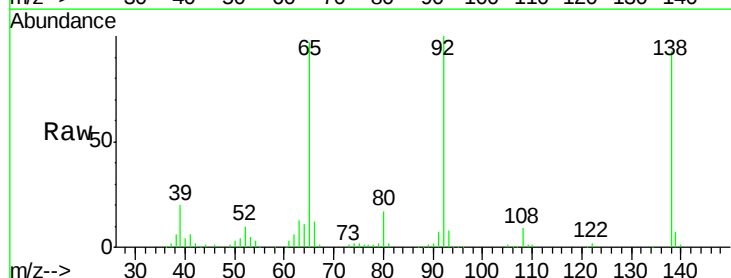
Tgt Ion:138 Resp: 84755

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.0

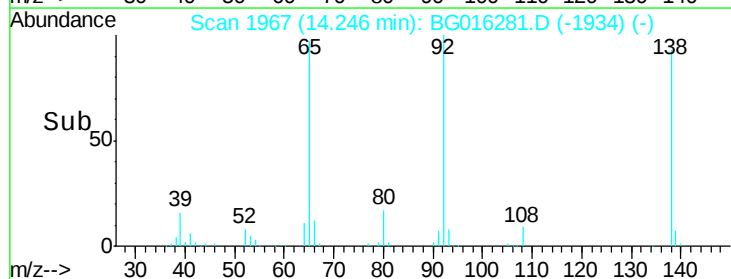
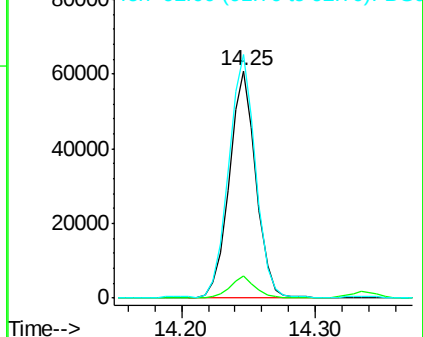
92 107.1 91.4 137.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

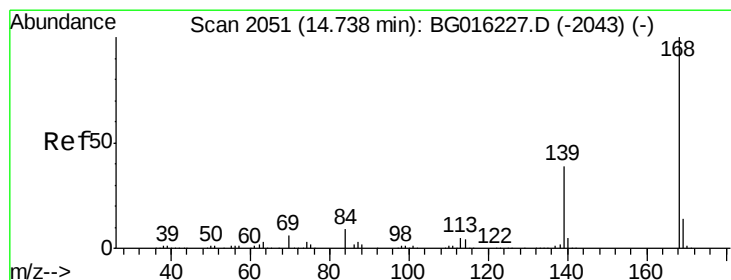
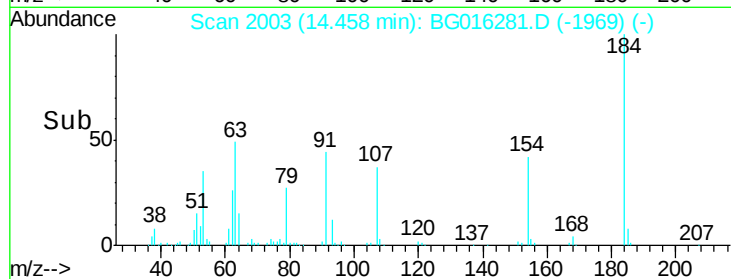
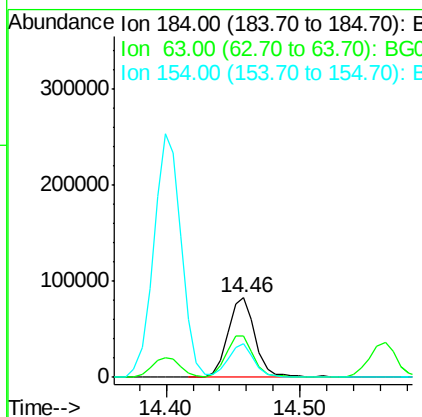
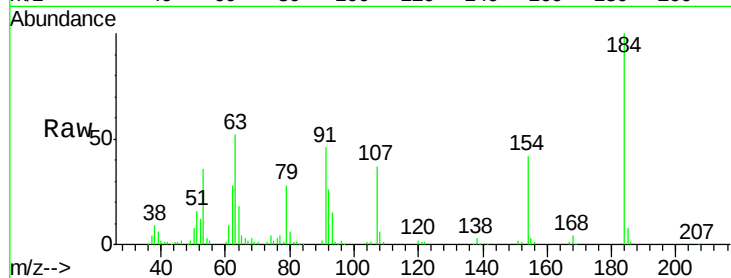




#53
 2,4-Dinitrophenol
 Concen: 88.67 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

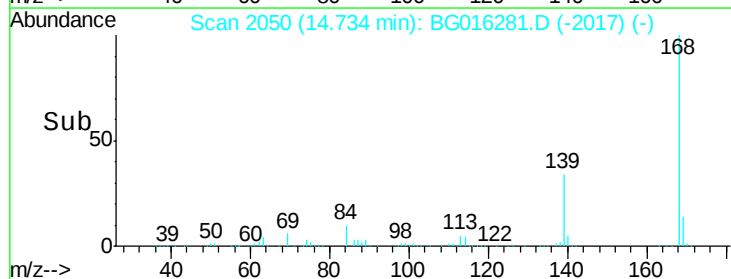
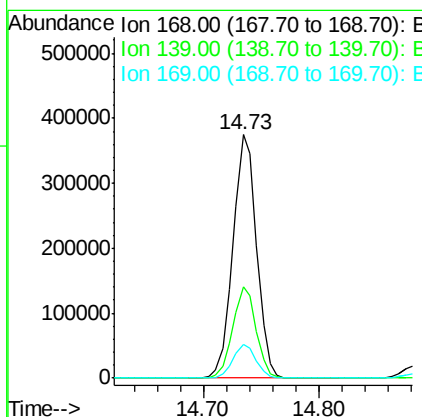
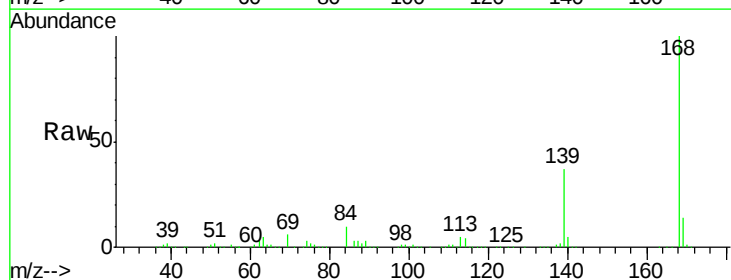
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:184 Resp: 117991
 Ion Ratio Lower Upper
 184 100
 63 52.3 45.8 68.6
 154 42.3 34.5 51.7



#54
 Dibenzofuran
 Concen: 47.76 ng
 RT: 14.73 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:168 Resp: 527912
 Ion Ratio Lower Upper
 168 100
 139 37.5 31.0 46.6
 169 13.8 11.2 16.8

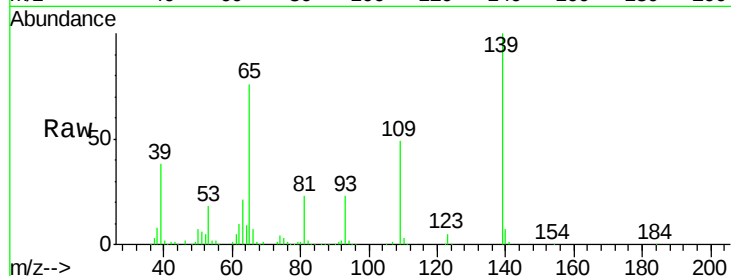




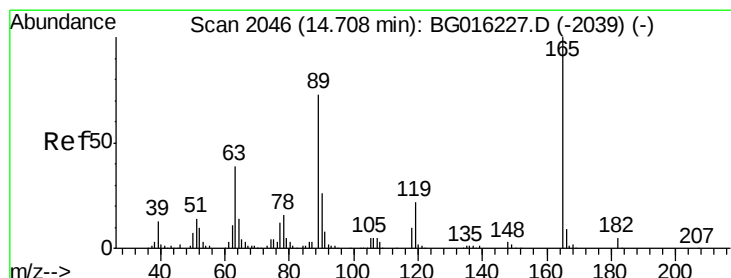
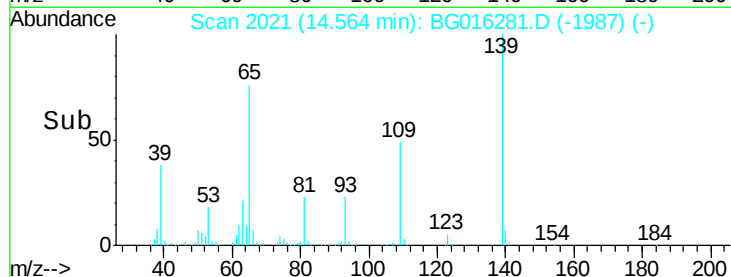
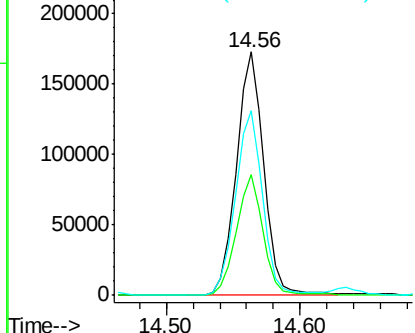
#55
4-Nitrophenol
Concen: 102.57 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	49.4	28.5	68.5
65	76.0	56.9	96.9



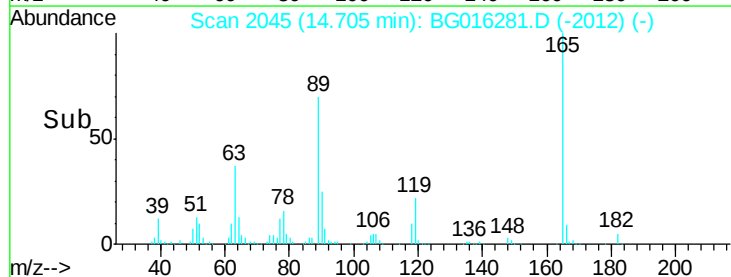
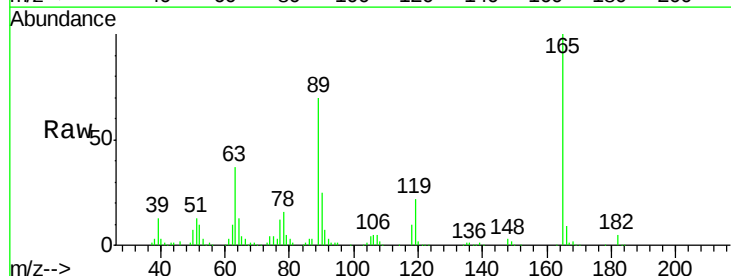
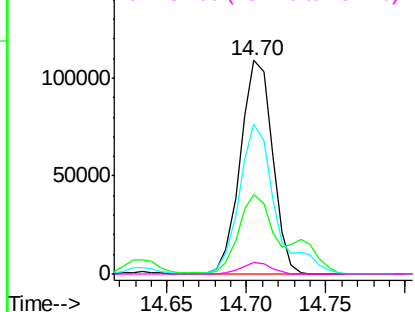
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

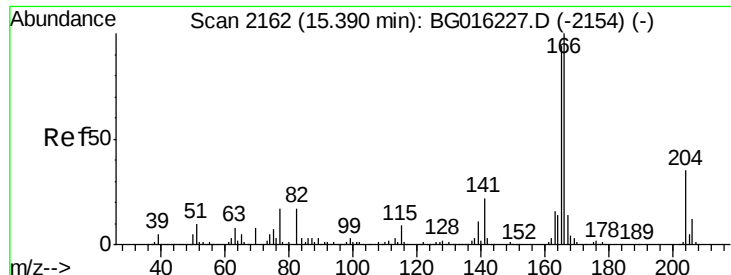


#56
2,4-Dinitrotoluene
Concen: 49.42 ng
RT: 14.70 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.4	31.4	47.2
89	70.2	58.8	88.2
182	5.1	4.1	6.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

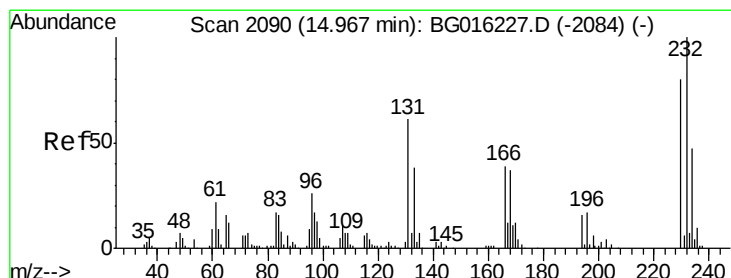
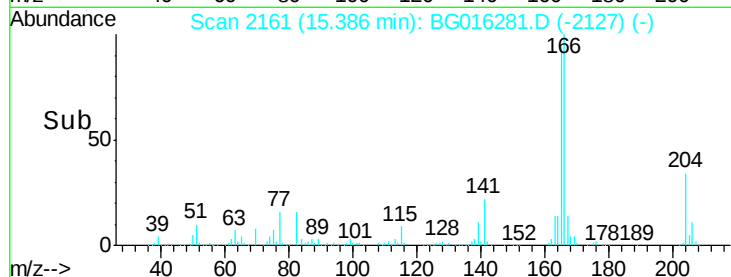
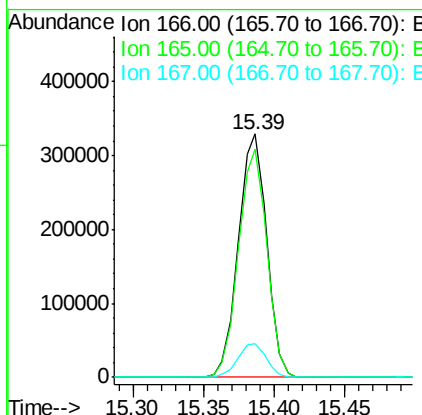
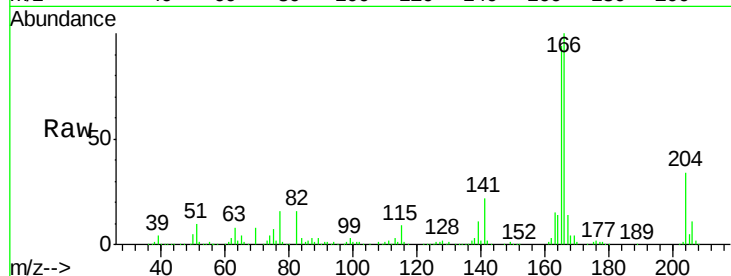




#57
Fluorene
 Concen: 47.20 ng
 RT: 15.39 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

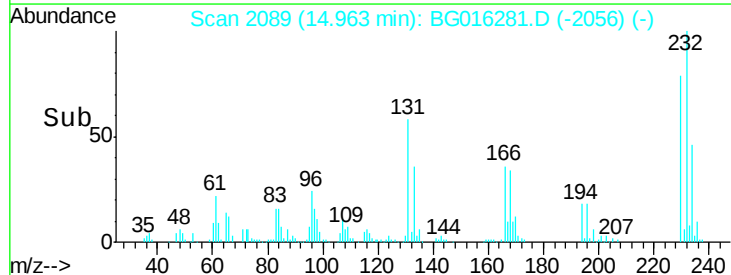
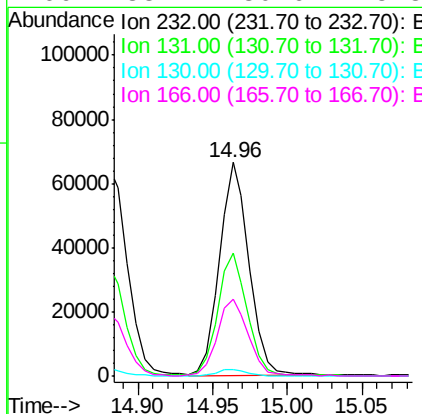
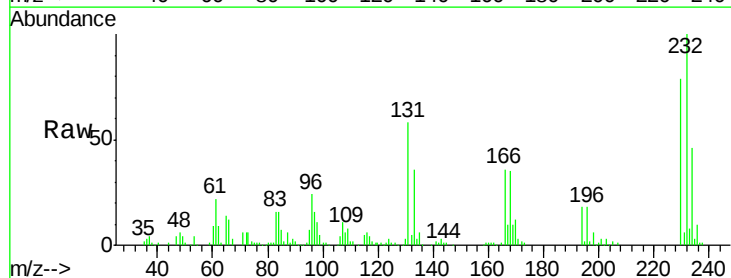
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

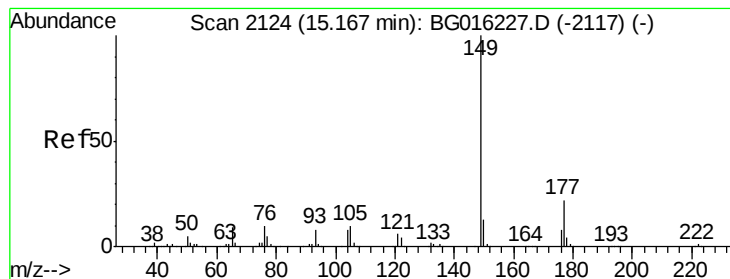
Tot Ion:166 Resp: 460267
 Ion Ratio Lower Upper
 166 100
 165 93.6 75.2 112.8
 167 13.6 11.3 16.9



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.03 ng
 RT: 14.96 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:232 Resp: 91773
 Ion Ratio Lower Upper
 232 100
 131 58.6 49.8 74.6
 130 3.1 2.6 3.8
 166 38.1 30.6 45.8





#59

Diethylphthalate

Concen: 45.25 ng

RT: 15.16 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

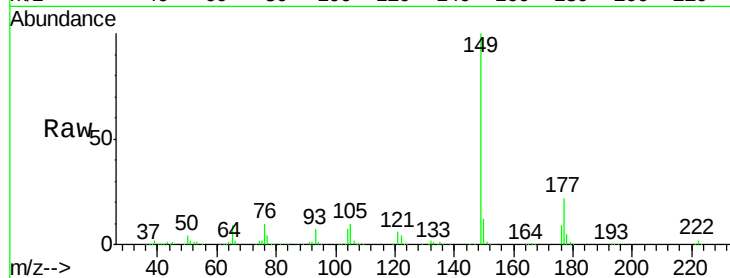
Tot Ion:149 Resp: 452871

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

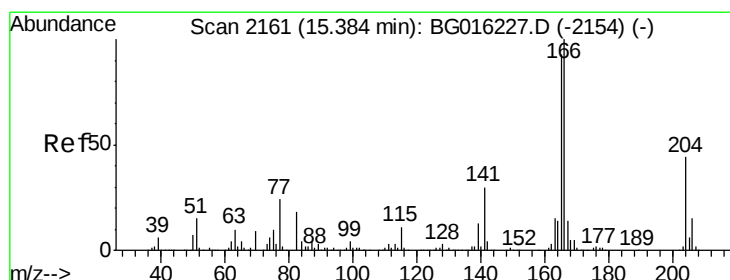
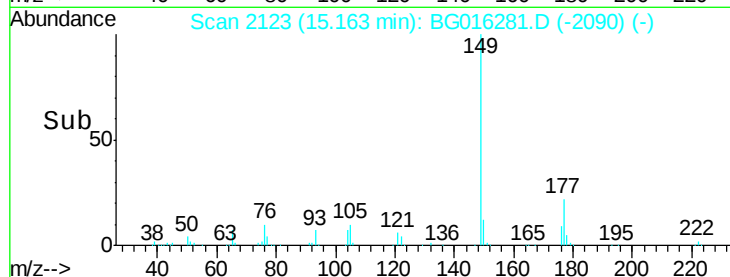
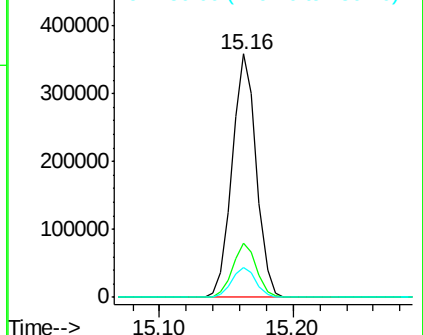
150 12.4 10.0 15.0



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: 47.46 ng

RT: 15.38 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

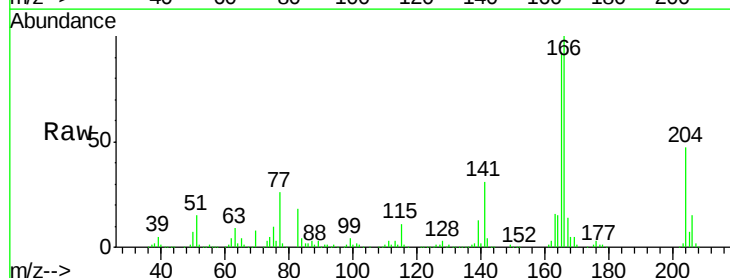
Tgt Ion:204 Resp: 189316

Ion Ratio Lower Upper

204 100

206 32.5 27.6 41.4

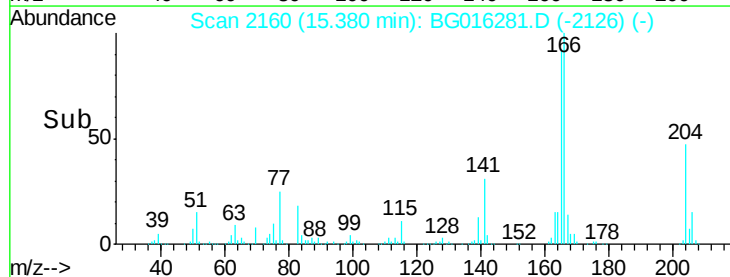
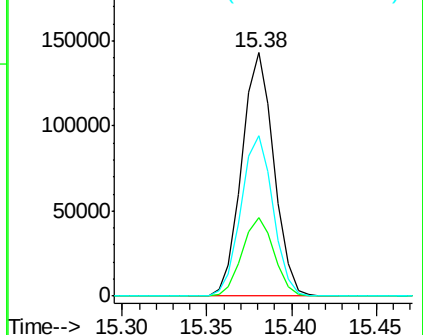
141 65.9 55.4 83.2



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: 47.22 ng

RT: 15.41 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

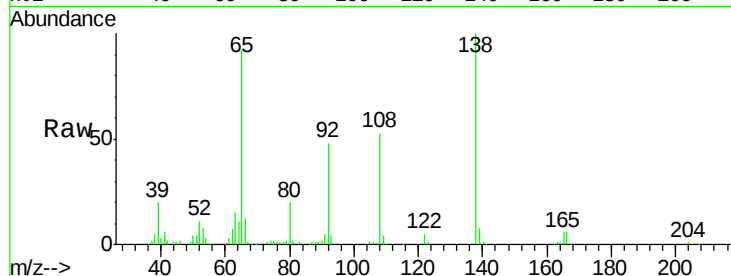
Tot Ion:138 Resp: 155653

Ion Ratio Lower Upper

138 100

92 47.7 26.3 66.3

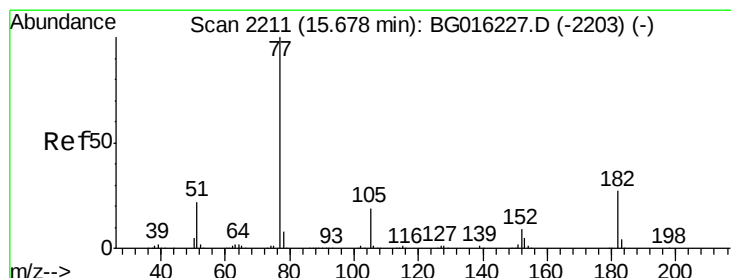
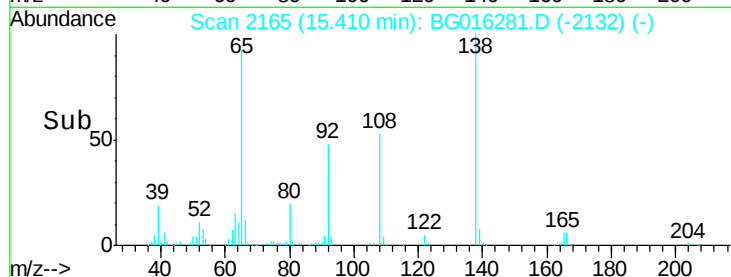
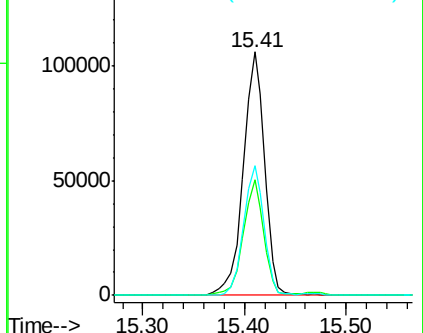
108 53.4 33.6 73.6



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: 46.44 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Tgt Ion: 77 Resp: 494648

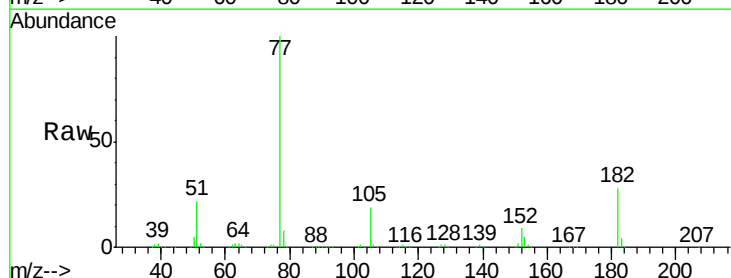
Ion Ratio Lower Upper

77 100

182 28.2 6.6 46.6

105 19.4 0.0 39.2

51 22.2 2.0 42.0

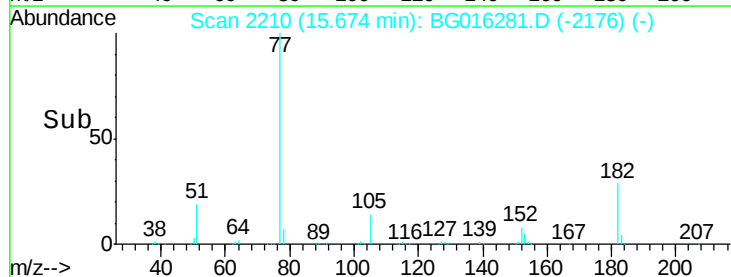
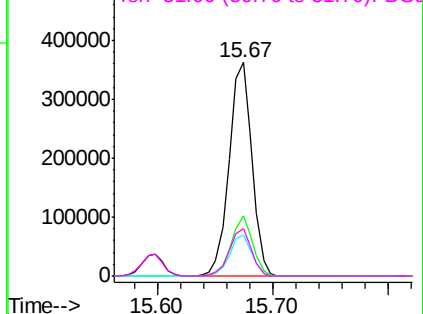


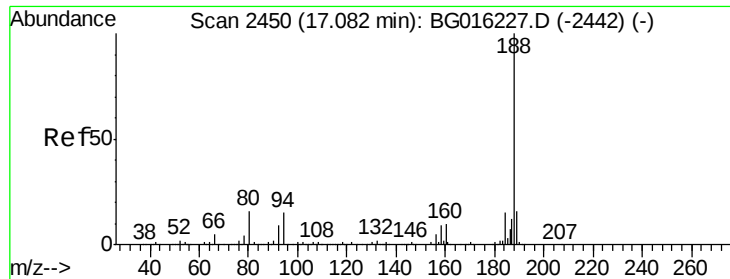
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

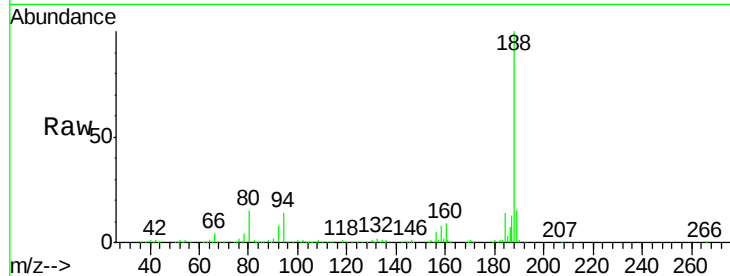




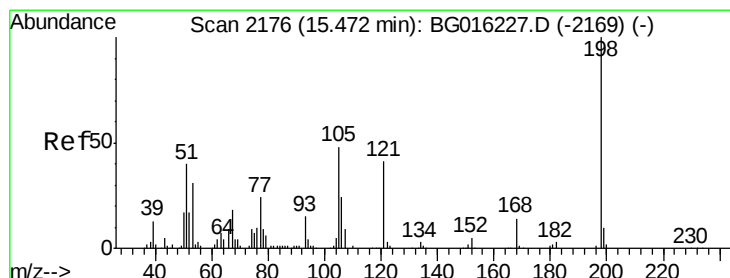
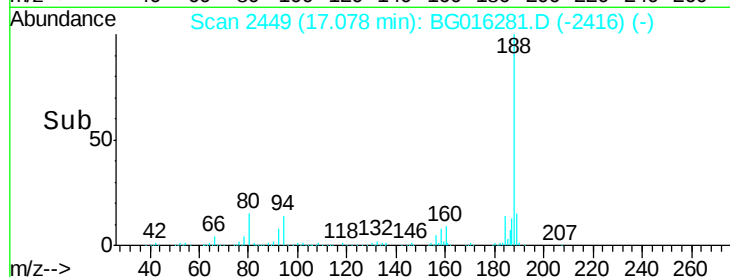
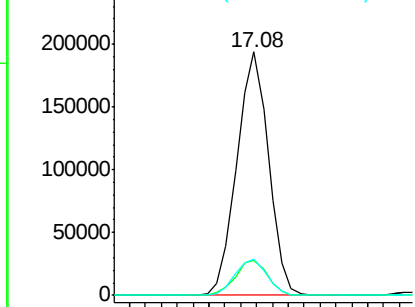
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:188 Resp: 268569
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 14.9 12.8 19.2

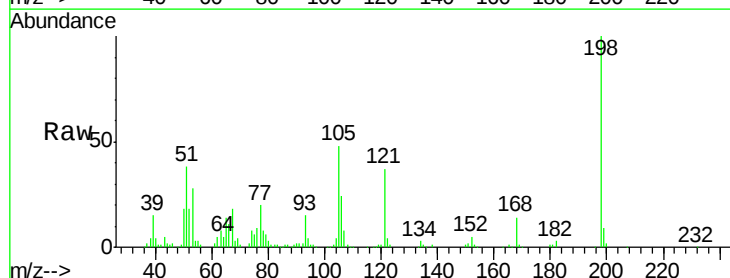


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

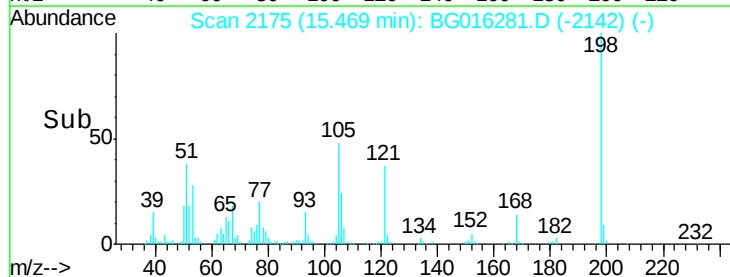
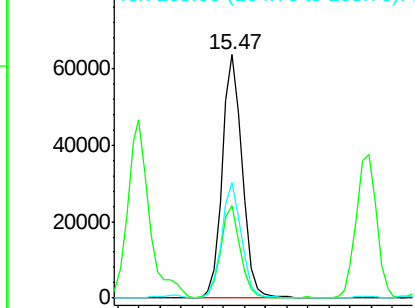


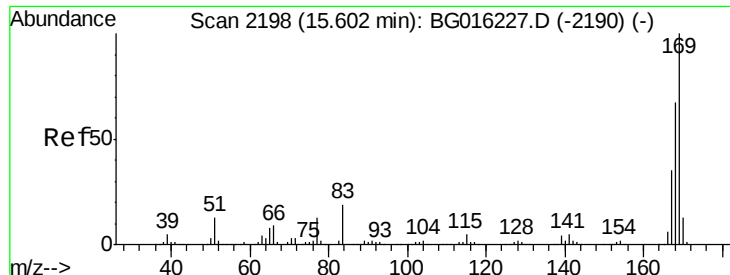
#64
4,6-Dinitro-2-methylphenol
Concen: 44.67 ng
RT: 15.47 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:198 Resp: 83884
Ion Ratio Lower Upper
198 100
51 37.9 20.7 60.7
105 47.5 28.8 68.8



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

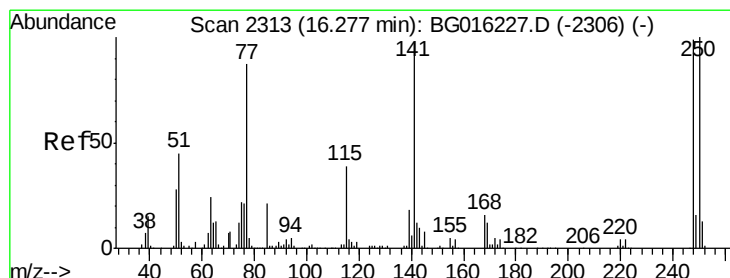
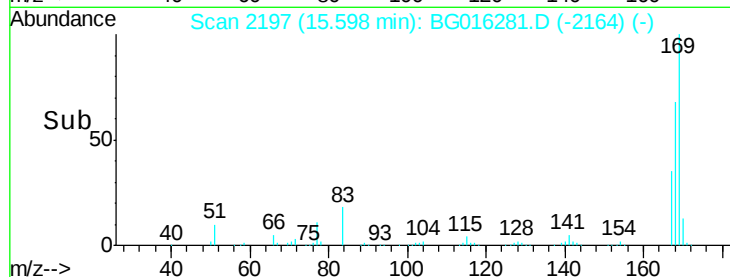
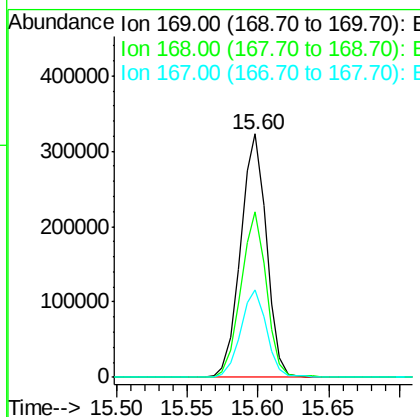
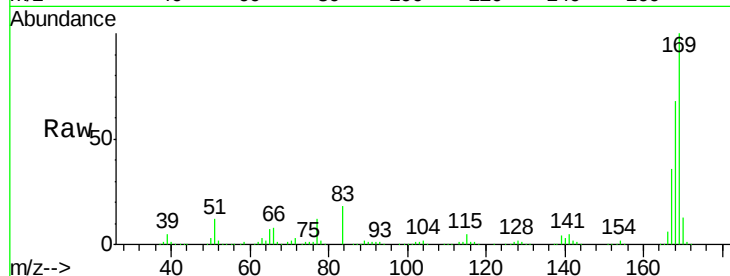




#65
n-Nitrosodiphenylamine
Concen: 45.39 ng
RT: 15.60 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

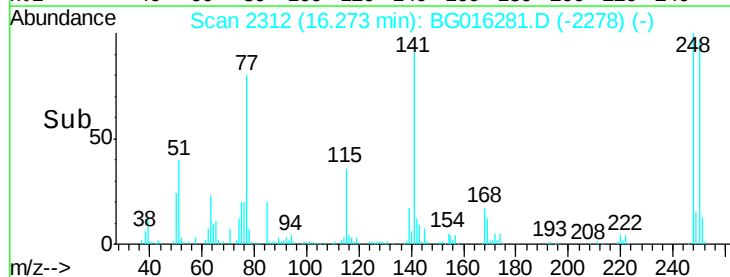
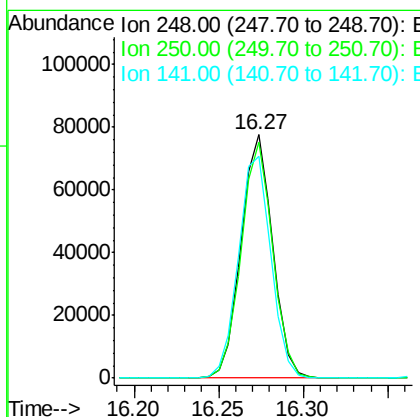
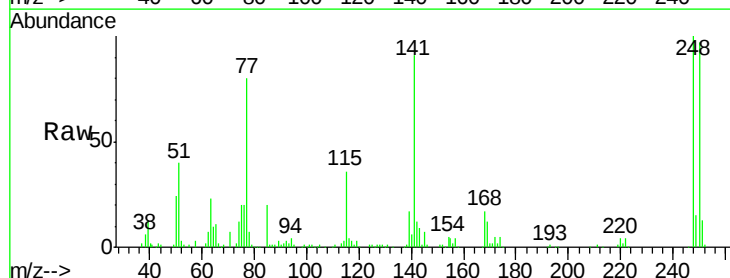
Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:169 Resp: 412122
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.0
167 35.9 28.3 42.5



#66
4-Bromophenyl-phenylether
Concen: 47.11 ng
RT: 16.27 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:248 Resp: 101020
Ion Ratio Lower Upper
248 100
250 96.8 80.5 120.7
141 91.1 78.2 117.4

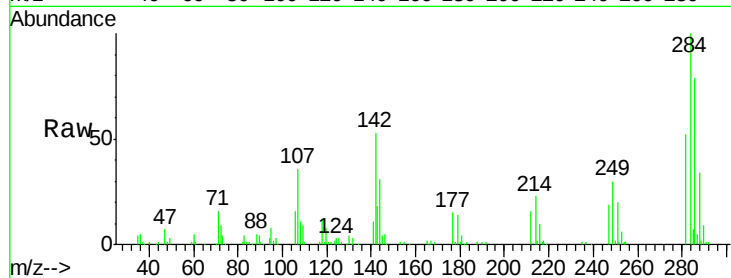




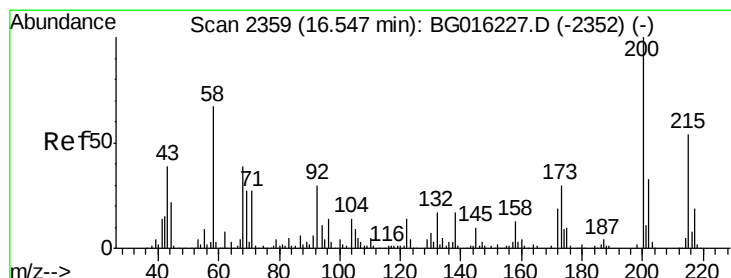
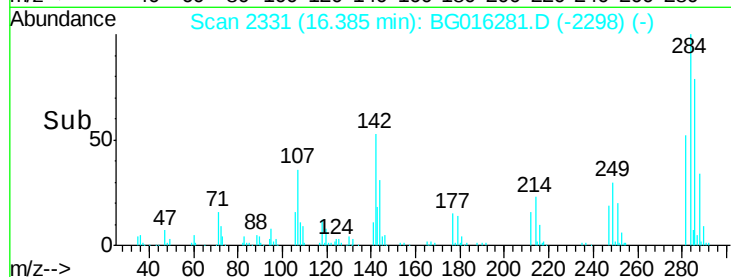
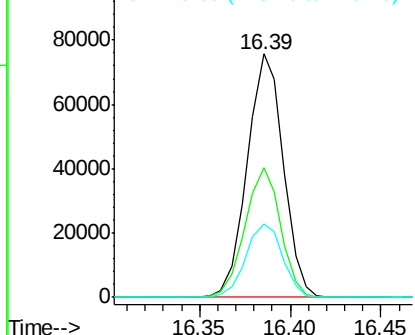
#67
Hexachlorobenzene
Concen: 46.87 ng
RT: 16.39 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Instrument :
BNA_G
ClientSampleId :
PB82625BSD

Tot Ion:284 Resp: 104463
Ion Ratio Lower Upper
284 100
142 53.1 44.2 66.2
249 30.0 24.8 37.2

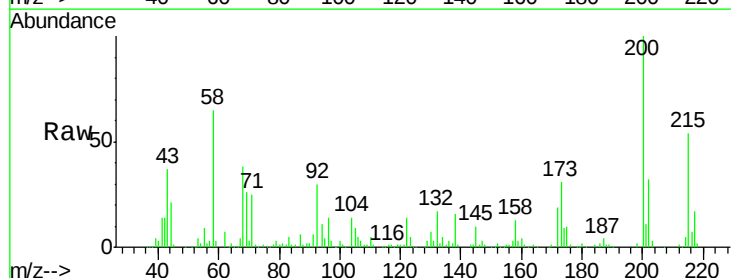


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

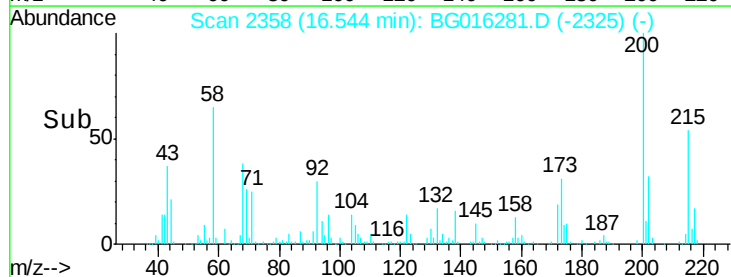
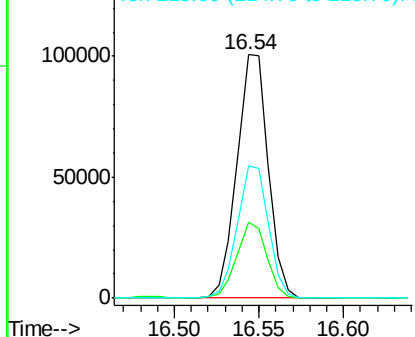


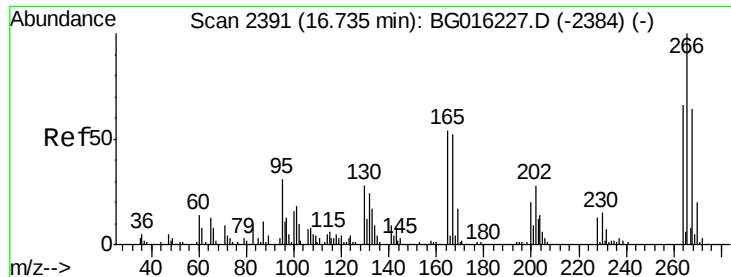
#68
Atrazine
Concen: 51.47 ng
RT: 16.54 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:200 Resp: 130228
Ion Ratio Lower Upper
200 100
173 31.4 10.2 50.2
215 54.1 34.4 74.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

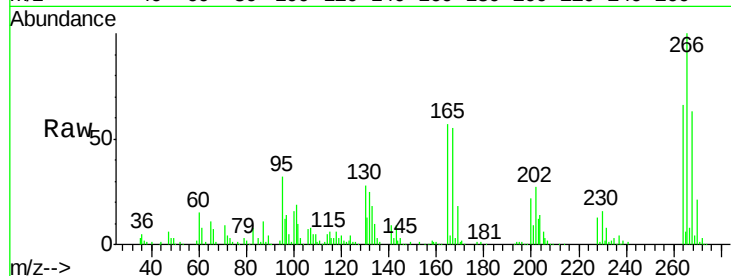




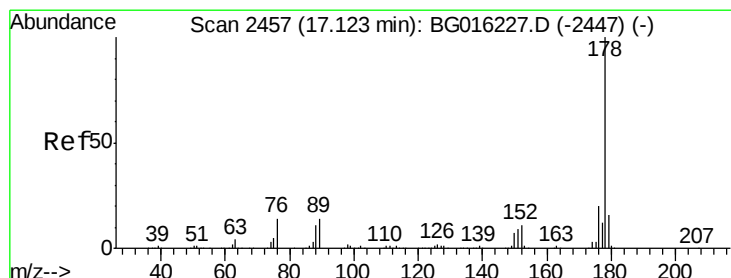
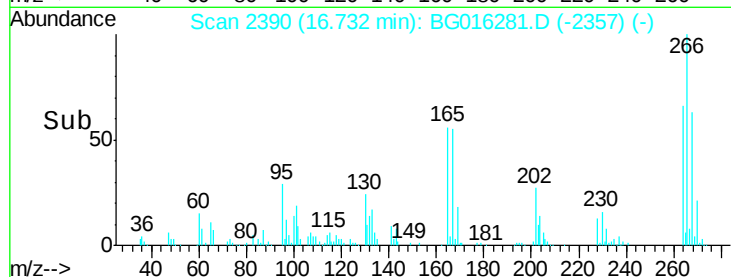
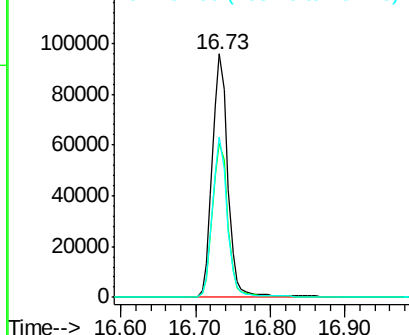
#69
 Pentachlorophenol
 Concen: 102.36 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:266 Resp: 139296
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.9 76.3
 264 66.1 52.8 79.2

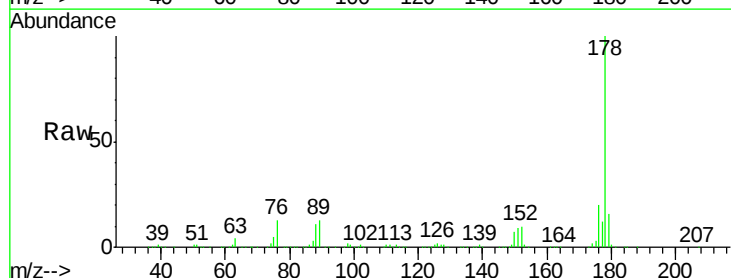


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

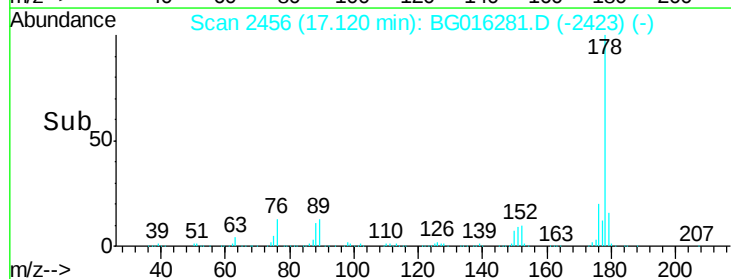
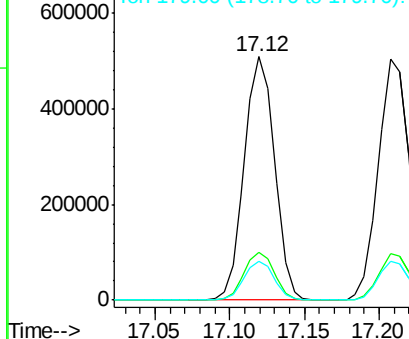


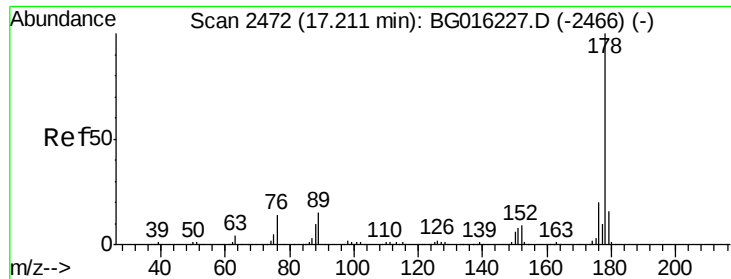
#70
 Phenanthrene
 Concen: 47.41 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:178 Resp: 716212
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 16.1 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: 47.81 ng

RT: 17.21 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

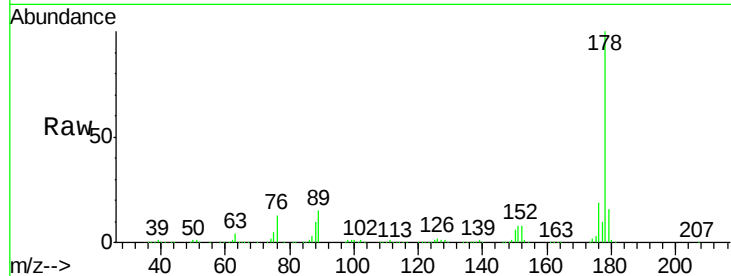
Tot Ion:178 Resp: 715774

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

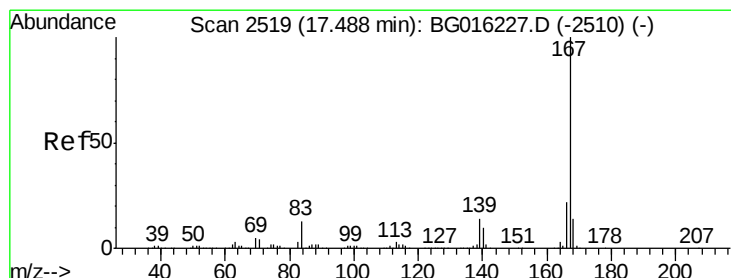
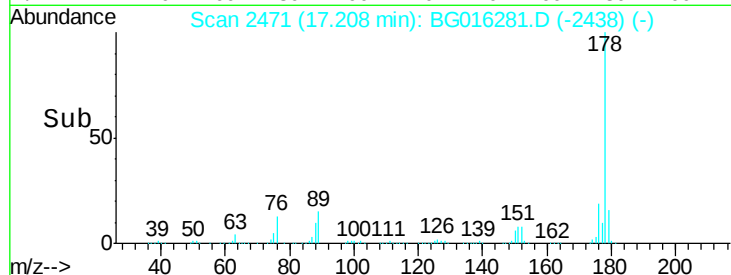
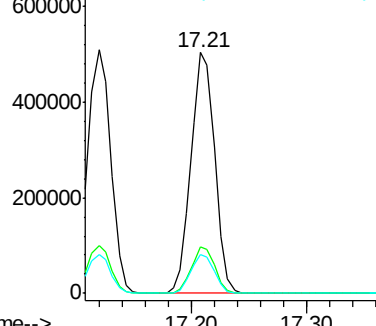
179 16.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.43 ng

RT: 17.48 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

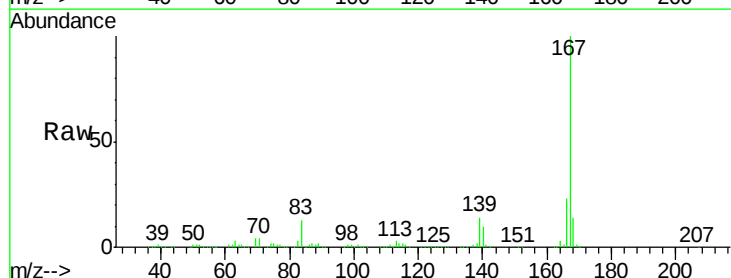
Tgt Ion:167 Resp: 772747

Ion Ratio Lower Upper

167 100

166 23.2 17.9 26.9

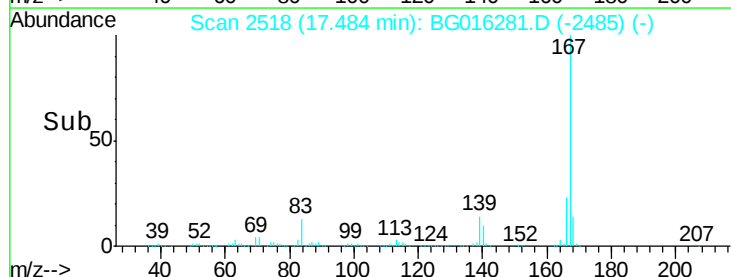
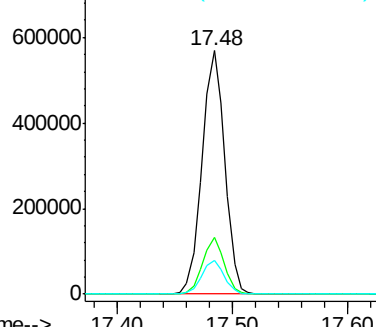
139 14.0 11.5 17.3

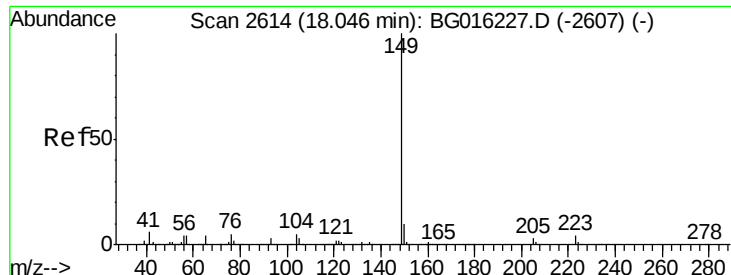


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

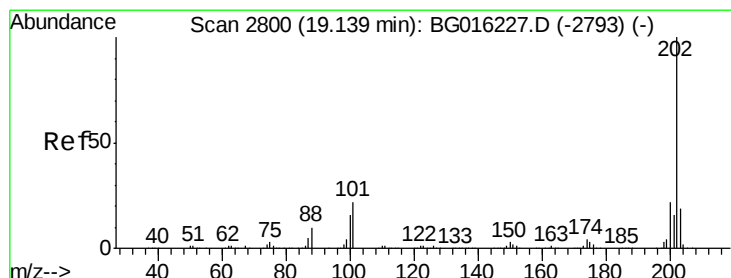
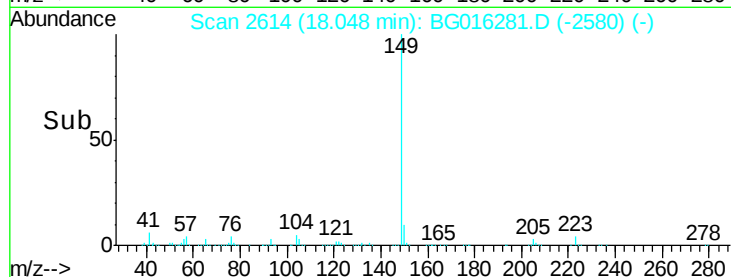
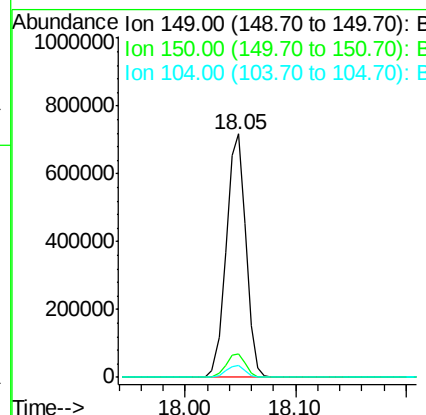
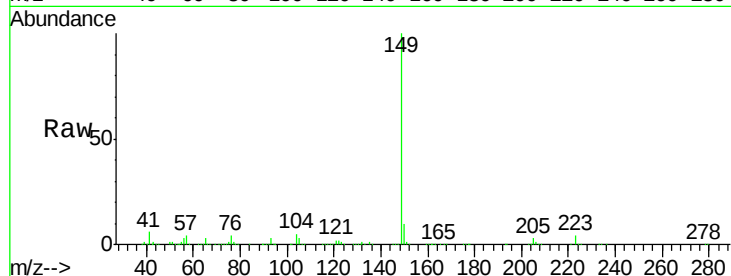




#73
Di-n-butylphthalate
Concen: 48.52 ng
RT: 18.05 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

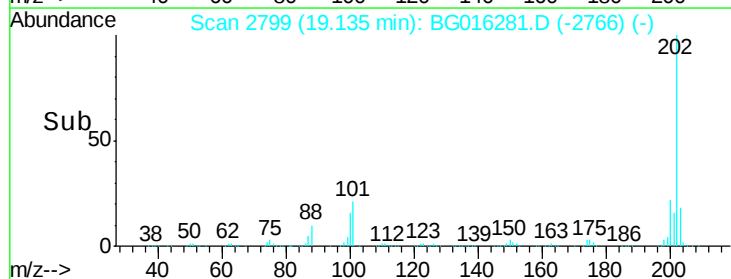
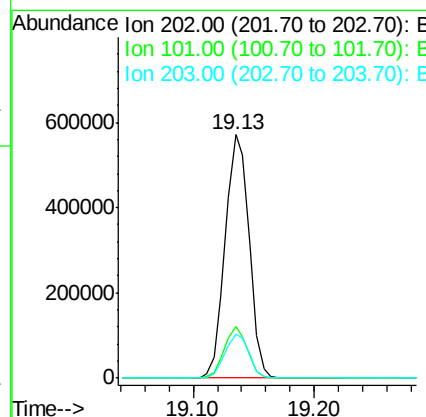
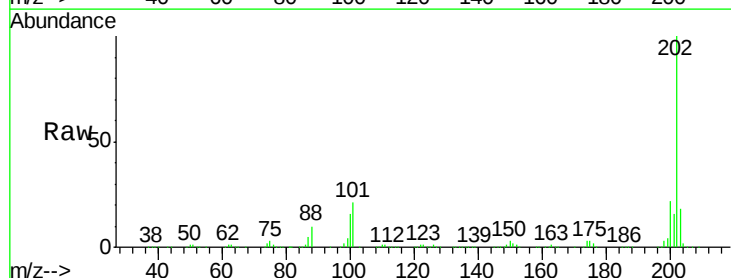
Instrument :
BNA_G
ClientSampleId :
PB82625BSD

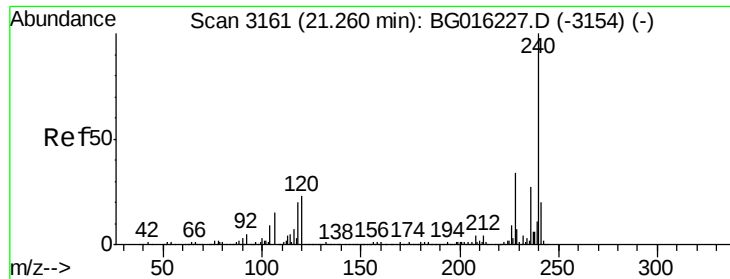
Tot Ion:149 Resp: 891992
Ion Ratio Lower Upper
149 100
150 9.6 8.2 12.4
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 50.06 ng
RT: 19.13 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:202 Resp: 779364
Ion Ratio Lower Upper
202 100
101 21.3 1.7 41.7
203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

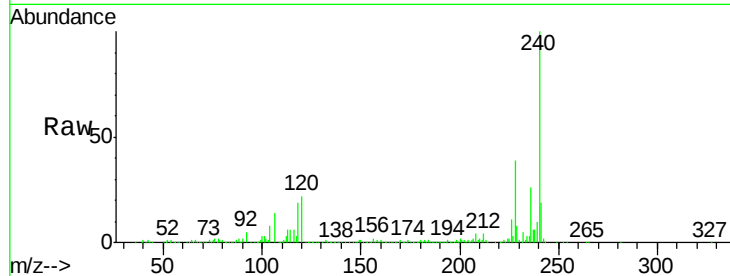
Tot Ion:240 Resp: 253044

Ion Ratio Lower Upper

240 100

120 21.6 18.6 28.0

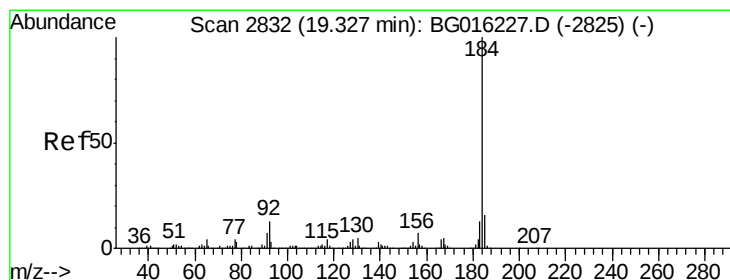
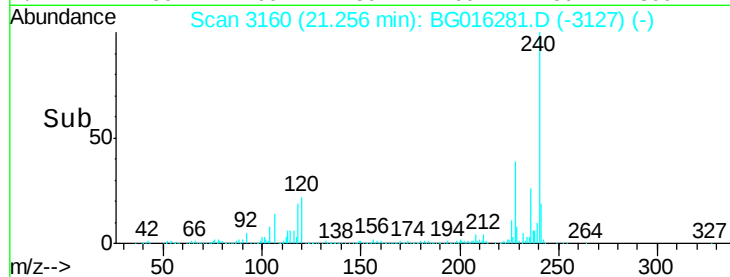
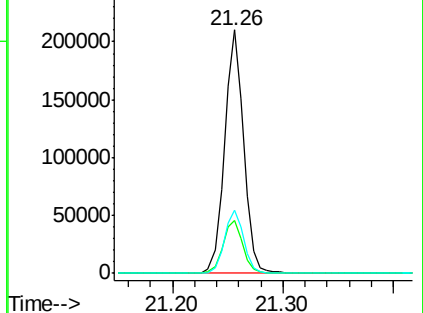
236 26.1 21.7 32.5



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: 33.87 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

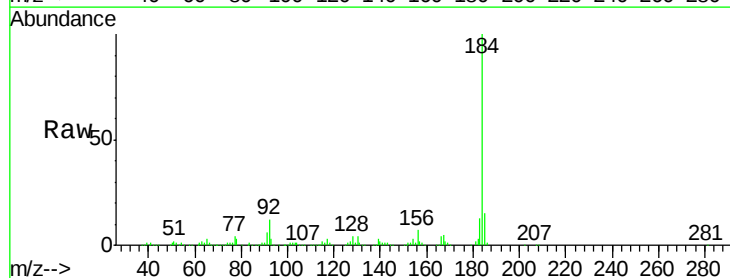
Tgt Ion:184 Resp: 363469

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

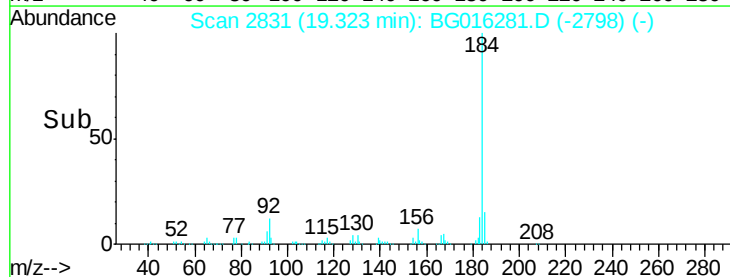
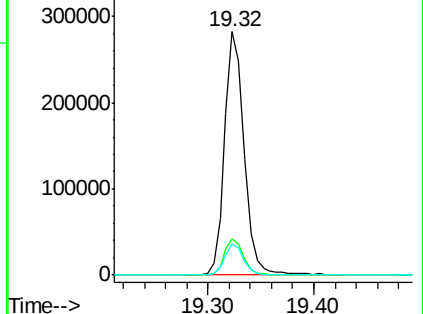
183 12.6 10.4 15.6

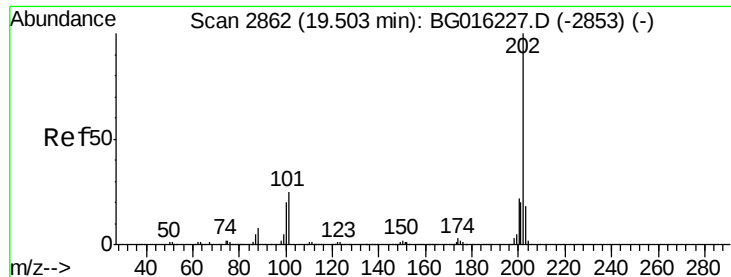


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.79 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

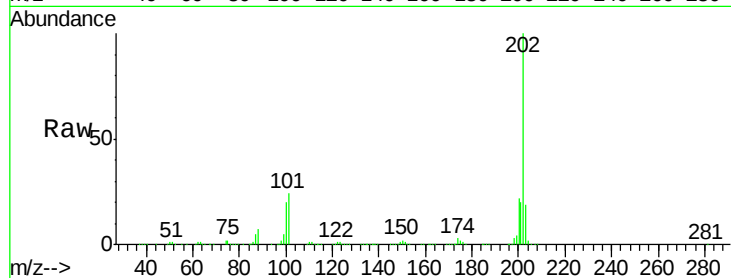
Tot Ion:202 Resp: 824493

Ion Ratio Lower Upper

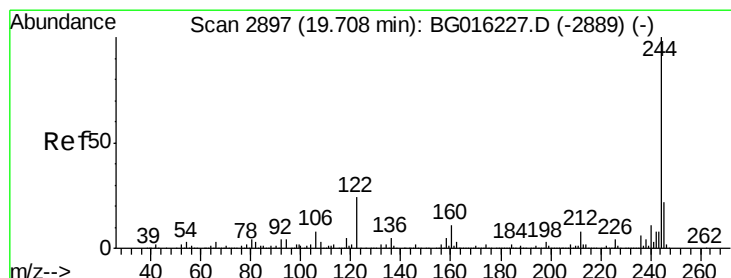
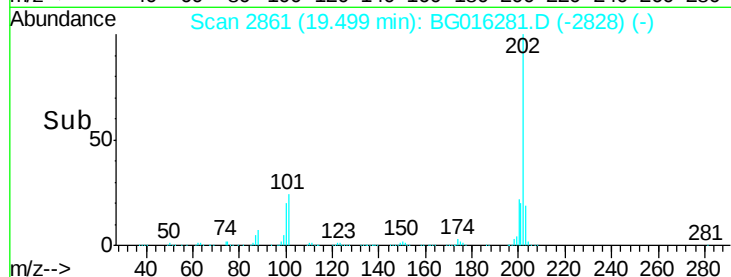
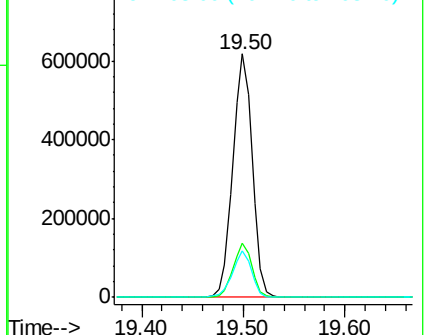
202 100

200 22.2 17.8 26.8

203 18.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.03 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

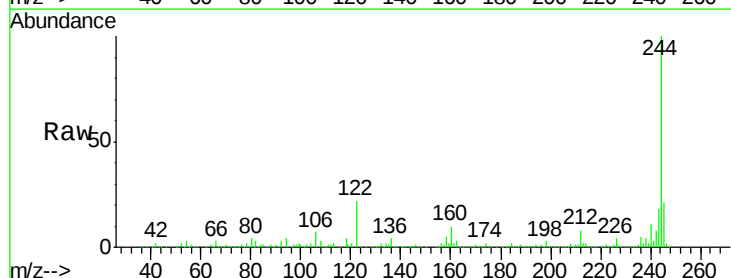
Tgt Ion:244 Resp: 854428

Ion Ratio Lower Upper

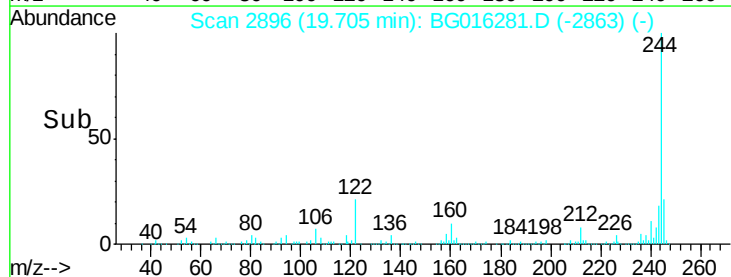
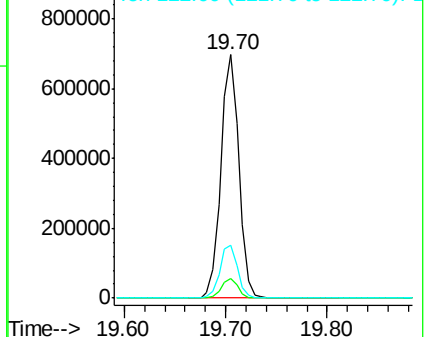
244 100

212 8.1 6.6 9.8

122 21.5 19.1 28.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

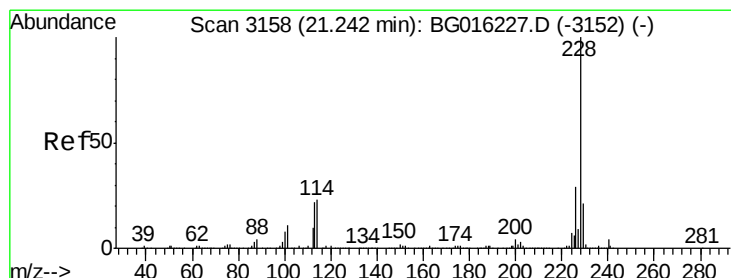
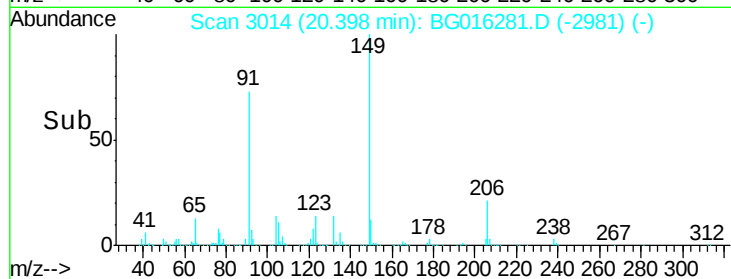
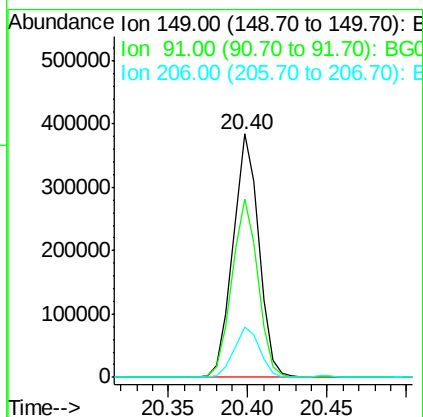
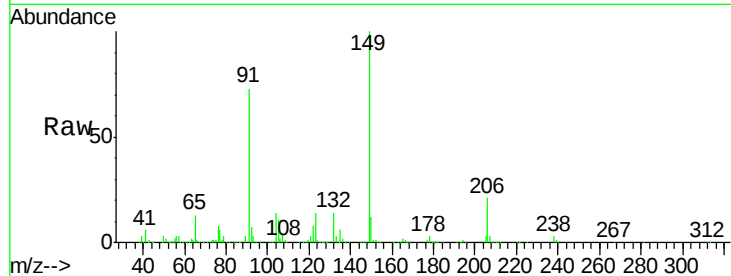




#79
Butylbenzylphthalate
Concen: 50.13 ng
RT: 20.40 min Scan# 3014
Delta R.T. -0.00 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

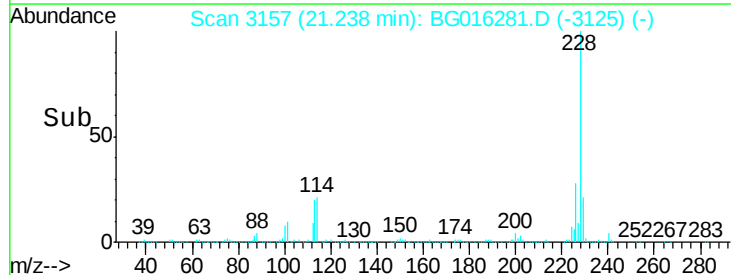
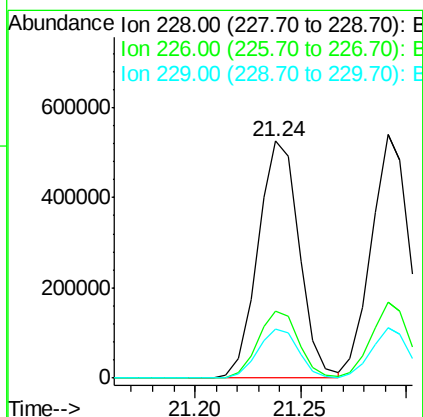
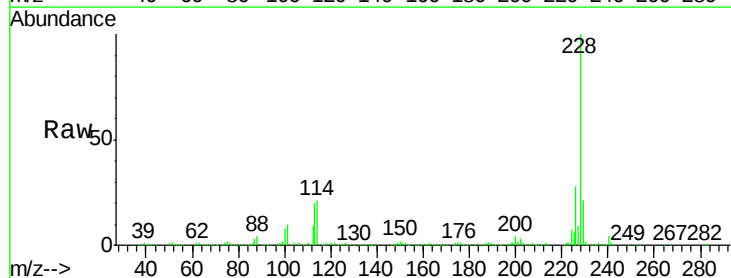
Instrument :
BNA_G
ClientSampleId :
PB82625BSD

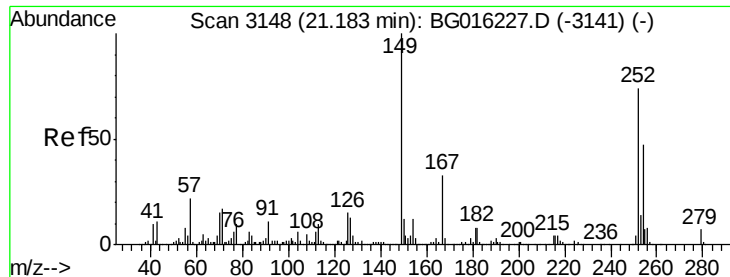
Tot Ion:149 Resp: 433932
Ion Ratio Lower Upper
149 100
91 73.4 59.4 89.2
206 20.5 15.6 23.4



#80
Benzo(a)anthracene
Concen: 47.62 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG016281.D
Acq: 8 Apr 2015 18:35

Tgt Ion:228 Resp: 712208
Ion Ratio Lower Upper
228 100
226 28.1 23.5 35.3
229 20.9 16.8 25.2

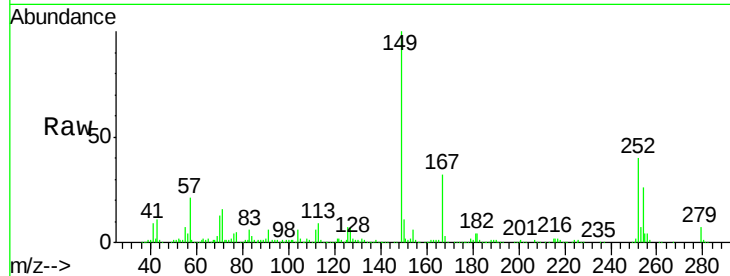




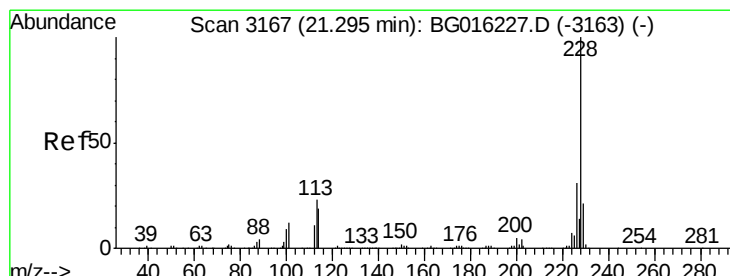
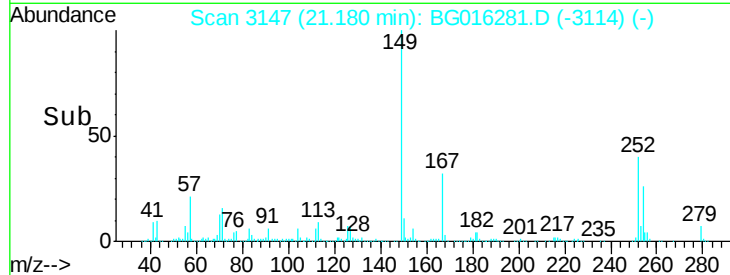
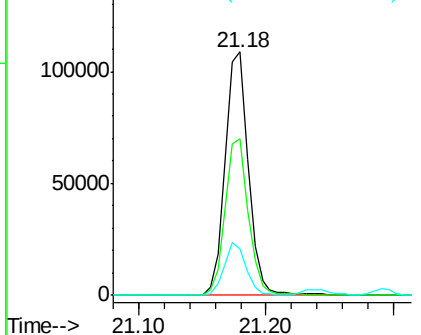
#81
 3,3'-Dichlorobenzidine
 Concen: 28.09 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion:252 Resp: 138142
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 18.9 16.0 24.0

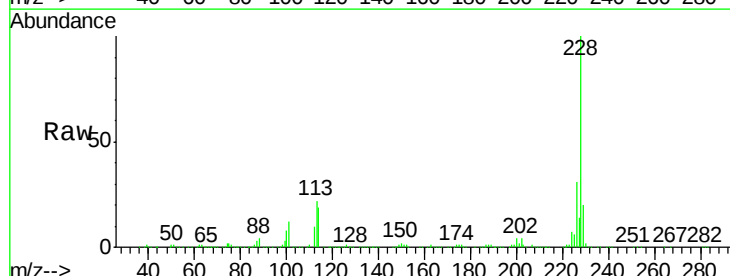


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

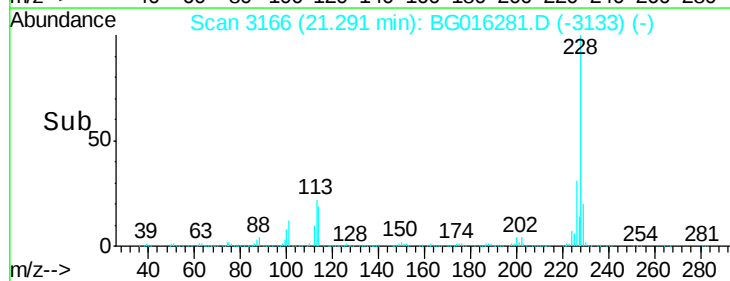
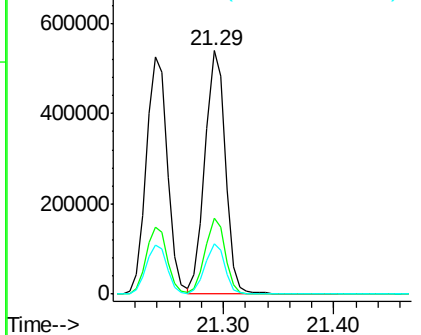


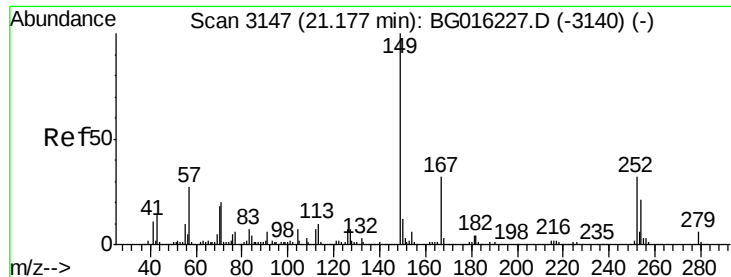
#82
 Chrysene
 Concen: 46.81 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:228 Resp: 675894
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 20.5 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

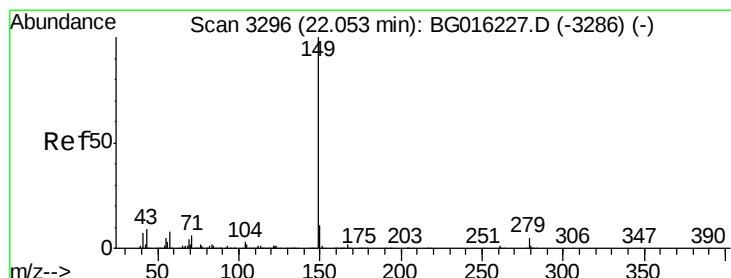
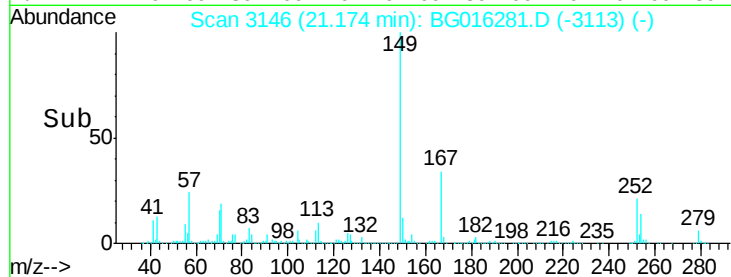
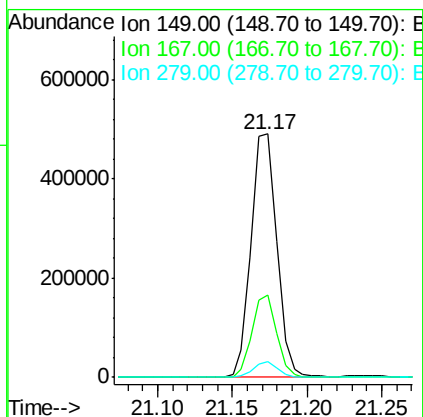
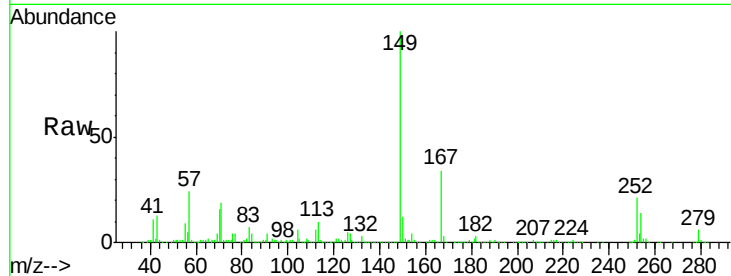




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.87 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

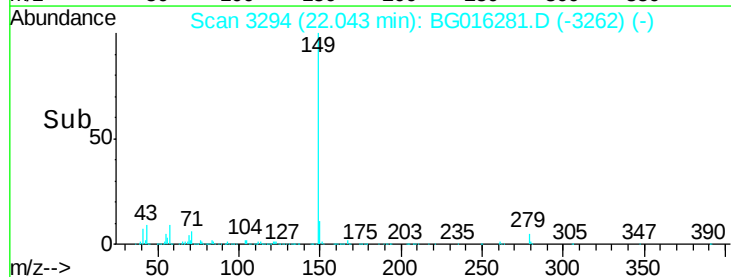
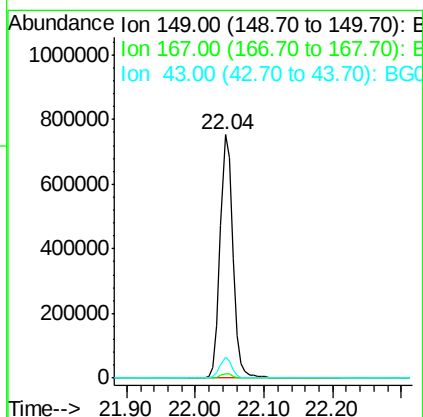
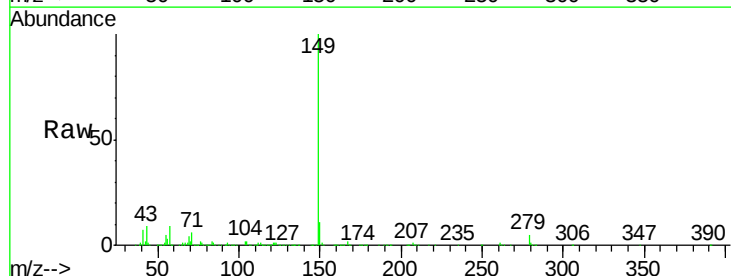
Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

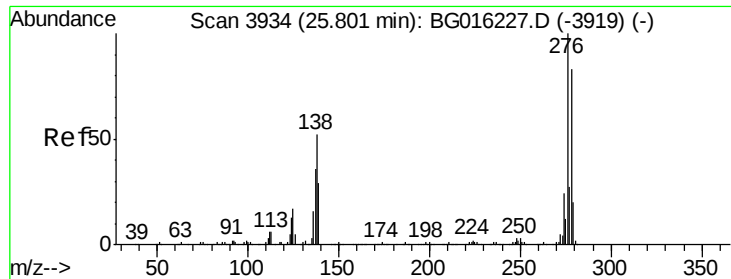
Tot Ion:149 Resp: 584450
 Ion Ratio Lower Upper
 149 100
 167 33.9 25.8 38.6
 279 6.3 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 50.54 ng
 RT: 22.04 min Scan# 3294
 Delta R.T. -0.01 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion:149 Resp: 964970
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.0 7.0 10.4

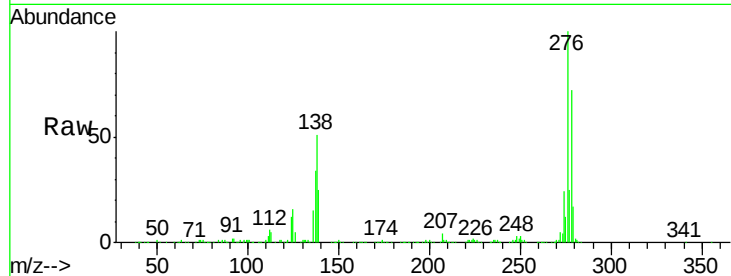




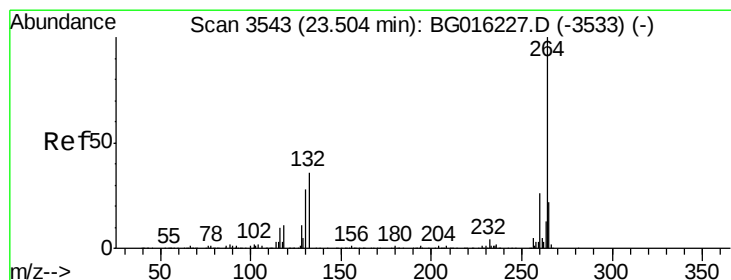
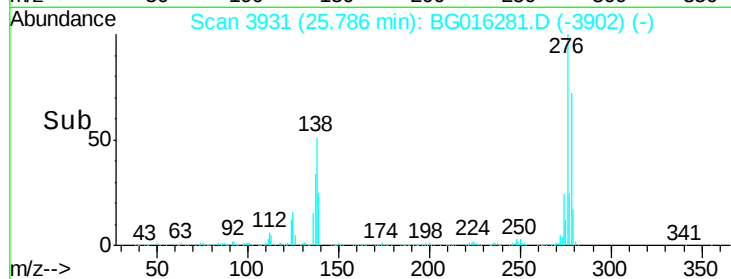
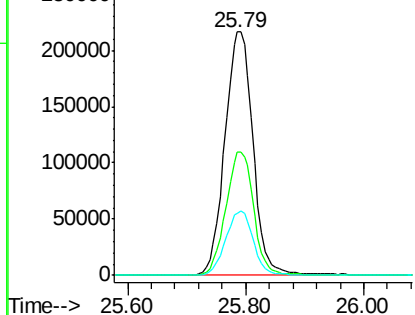
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.02 ng
 RT: 25.79 min Scan# 3931
 Delta R.T. -0.03 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	50.3	41.5	62.3
277	26.0	21.0	31.6

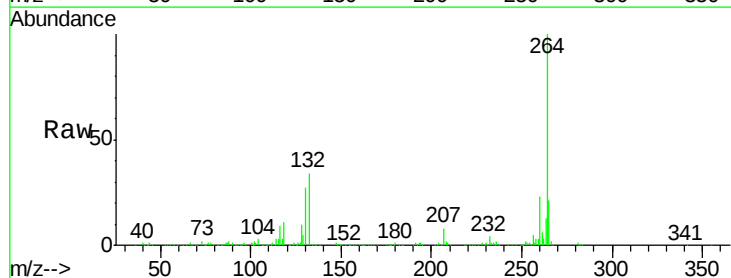


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

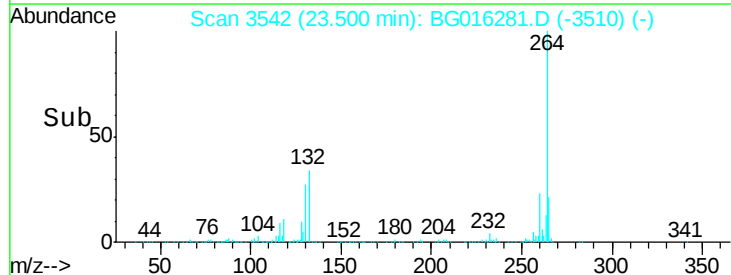
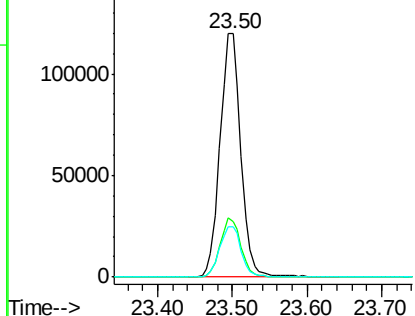


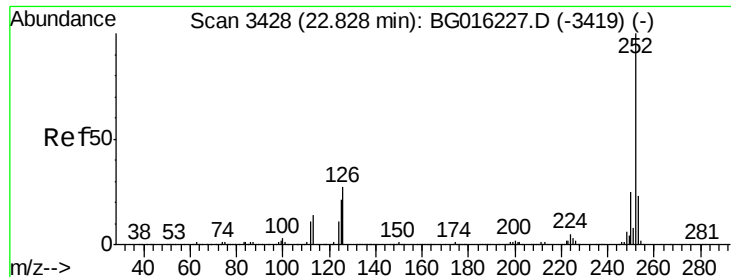
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.50 min Scan# 3542
 Delta R.T. -0.01 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	20.4	30.6
265	20.9	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: 47.09 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

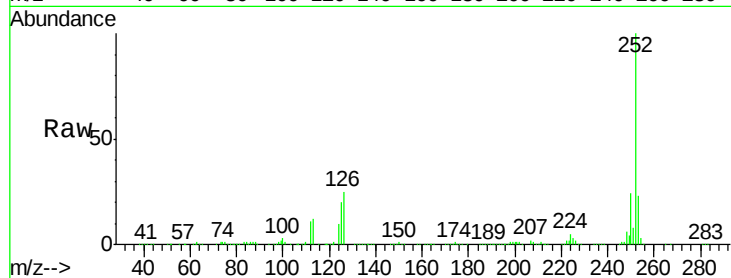
Tot Ion:252 Resp: 641992

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

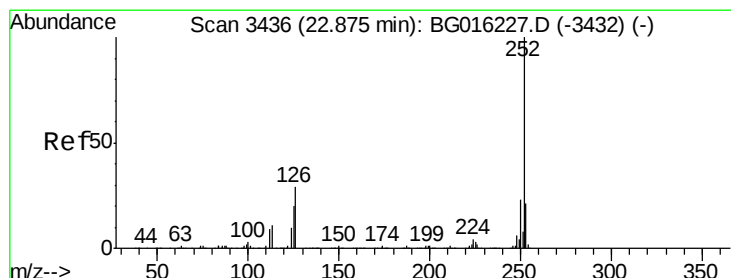
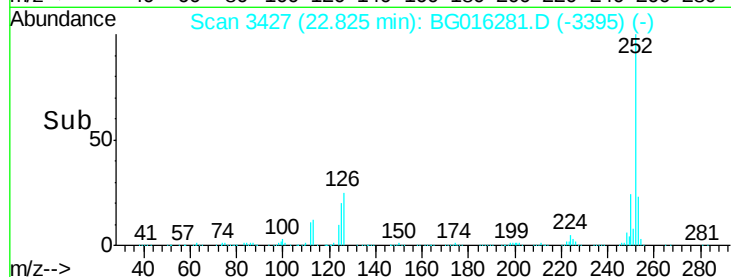
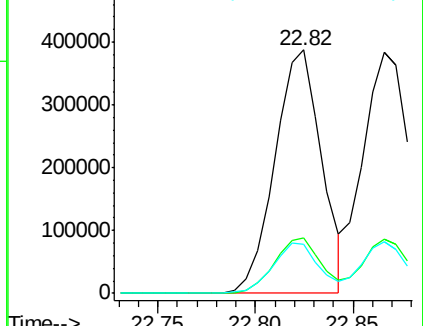
125 20.1 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.62 ng

RT: 22.87 min Scan# 3434

Delta R.T. -0.01 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

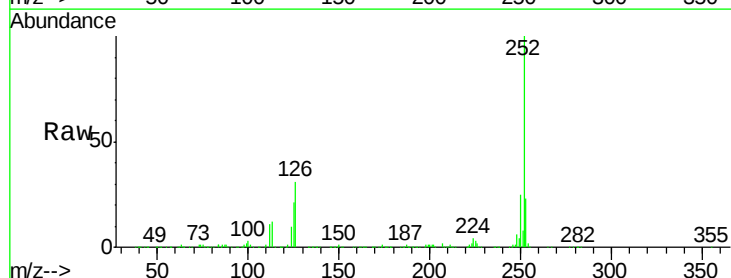
Tgt Ion:252 Resp: 648658

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

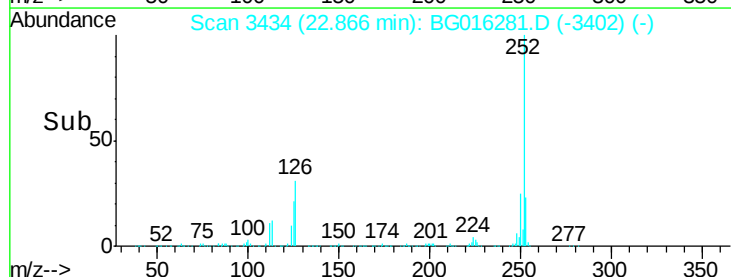
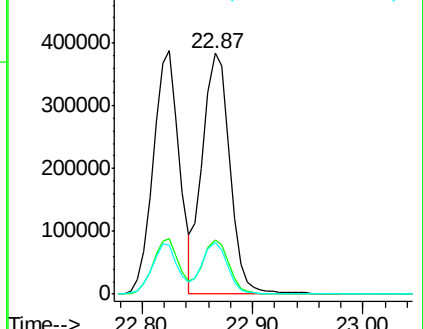
125 21.3 16.3 24.5

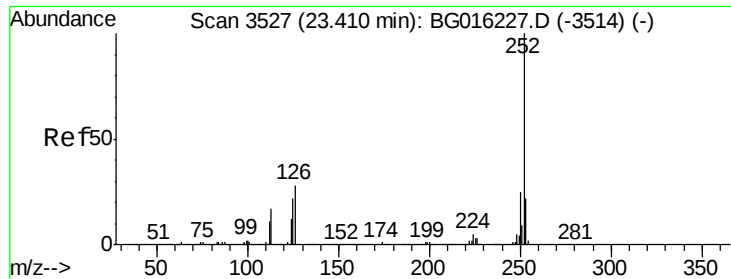


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.83 ng

RT: 23.40 min Scan# 3525

Delta R.T. -0.02 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

Instrument :

BNA_G

ClientSampleId :

PB82625BSD

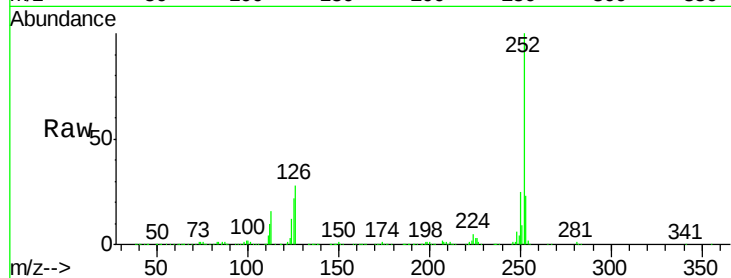
Tot Ion:252 Resp: 636697

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

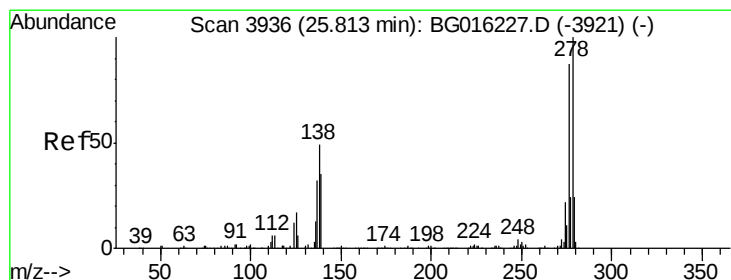
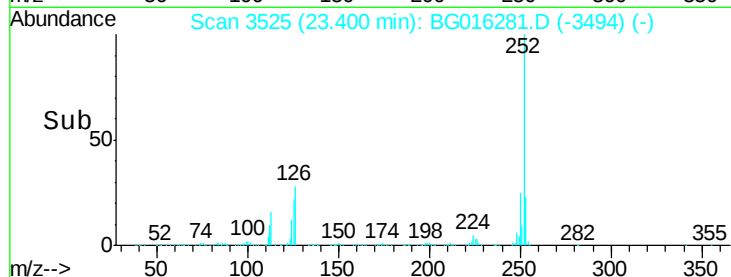
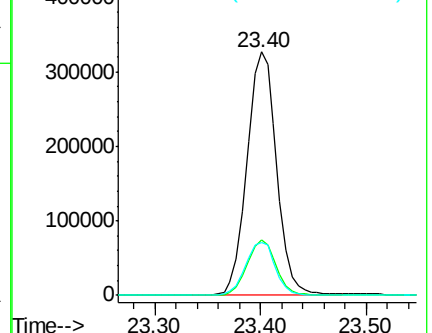
125 21.9 17.6 26.4



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: 48.17 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.02 min

Lab File: BG016281.D

Acq: 8 Apr 2015 18:35

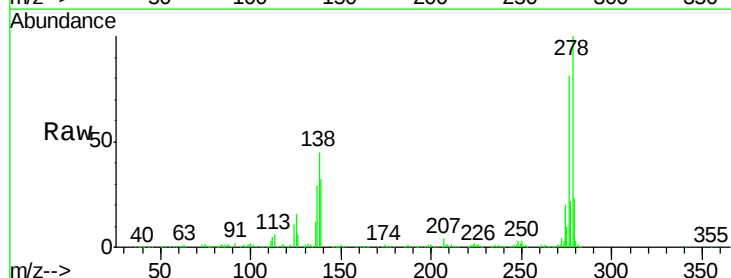
Tgt Ion:278 Resp: 598914

Ion Ratio Lower Upper

278 100

139 32.5 27.9 41.9

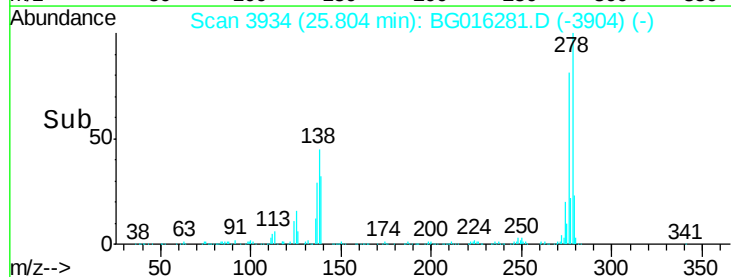
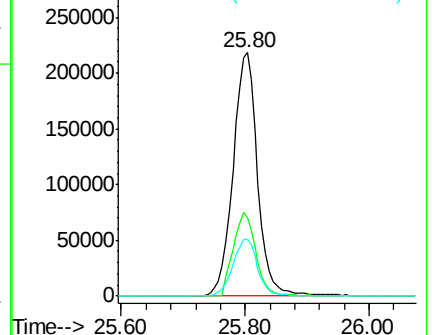
279 23.5 19.5 29.3

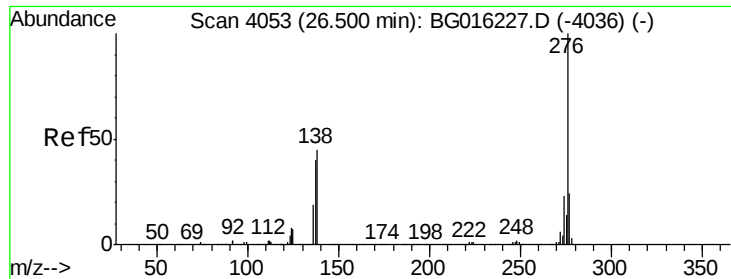


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.77 ng
 RT: 26.49 min Scan# 4051
 Delta R.T. -0.03 min
 Lab File: BG016281.D
 Acq: 8 Apr 2015 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB82625BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	44.5	35.7	53.5

