

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020938.D
 Acq On : 18 Feb 2016 16:34
 Operator : SJ/UM
 Sample : PB88335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:46:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15896	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	80452	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	53178	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	127231	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	117812	20.00	ng	-0.02
86) Perylene-d12	25.25	264	110615	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	119842	126.96	ng	0.00
7) Phenol-d6	7.40	99	169323	122.73	ng	0.00
23) Nitrobenzene-d5	9.43	82	89481	73.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	69310	132.54	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	253625	67.00	ng	-0.01
78) Terphenyl-d14	20.18	244	367446	72.76	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	10500	30.59	ng	94
3) Pyridine	4.04	79	32315	31.83	ng	98
4) n-Nitrosodimethylamine	3.95	42	9283	34.95	ng	89
6) Aniline	7.57	93	23293	13.54	ng	98
8) 2-Chlorophenol	7.82	128	46398	39.35	ng	98
9) Benzaldehyde	7.39	77	9999	14.47	ng	90
10) Phenol	7.43	94	58487	40.06	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	41252	35.37	ng	95
12) 1,3-Dichlorobenzene	8.15	146	43531	34.92	ng	97
13) 1,4-Dichlorobenzene	8.29	146	45682	36.14	ng	98
14) 1,2-Dichlorobenzene	8.62	146	44063	35.83	ng	97
15) Benzyl Alcohol	8.49	79	34512	39.68	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	40376	33.19	ng	98
17) 2-Methylphenol	8.69	107	41912	39.85	ng	99
18) Hexachloroethane	9.35	117	15391	35.41	ng	94
19) n-Nitroso-di-n-propylamine	9.06	70	31028	34.85	ng	98
20) 3+4-Methylphenols	9.02	107	58136	39.66	ng	98
22) Acetophenone	9.08	105	65085	33.56	ng	# 99
24) Nitrobenzene	9.48	77	43720	34.28	ng	97
25) Isophorone	9.99	82	91414	35.45	ng	97
26) 2-Nitrophenol	10.19	139	25009	37.26	ng	98
27) 2,4-Dimethylphenol	10.24	122	50648	39.38	ng	97
28) bis(2-Chloroethoxy)methane	10.47	93	60622	38.14	ng	99
29) 2,4-Dichlorophenol	10.72	162	47343	41.07	ng	99
30) 1,2,4-Trichlorobenzene	10.94	180	41538	35.77	ng	98
31) Naphthalene	11.14	128	147879	35.53	ng	99
32) Benzoic acid	10.34	122	30550	29.61	ng	96
33) 4-Chloroaniline	11.24	127	14751	8.24	ng	96
34) Hexachlorobutadiene	11.41	225	20756	35.07	ng	96
35) Caprolactam	12.00	113	14464	32.74	ng	95
36) 4-Chloro-3-methylphenol	12.34	107	55090	41.71	ng	97
37) 2-Methylnaphthalene	12.72	142	114600	39.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	47566	30.49	ng	98
40) Hexachlorocyclopentadiene	13.06	237	50680	73.85	ng	98

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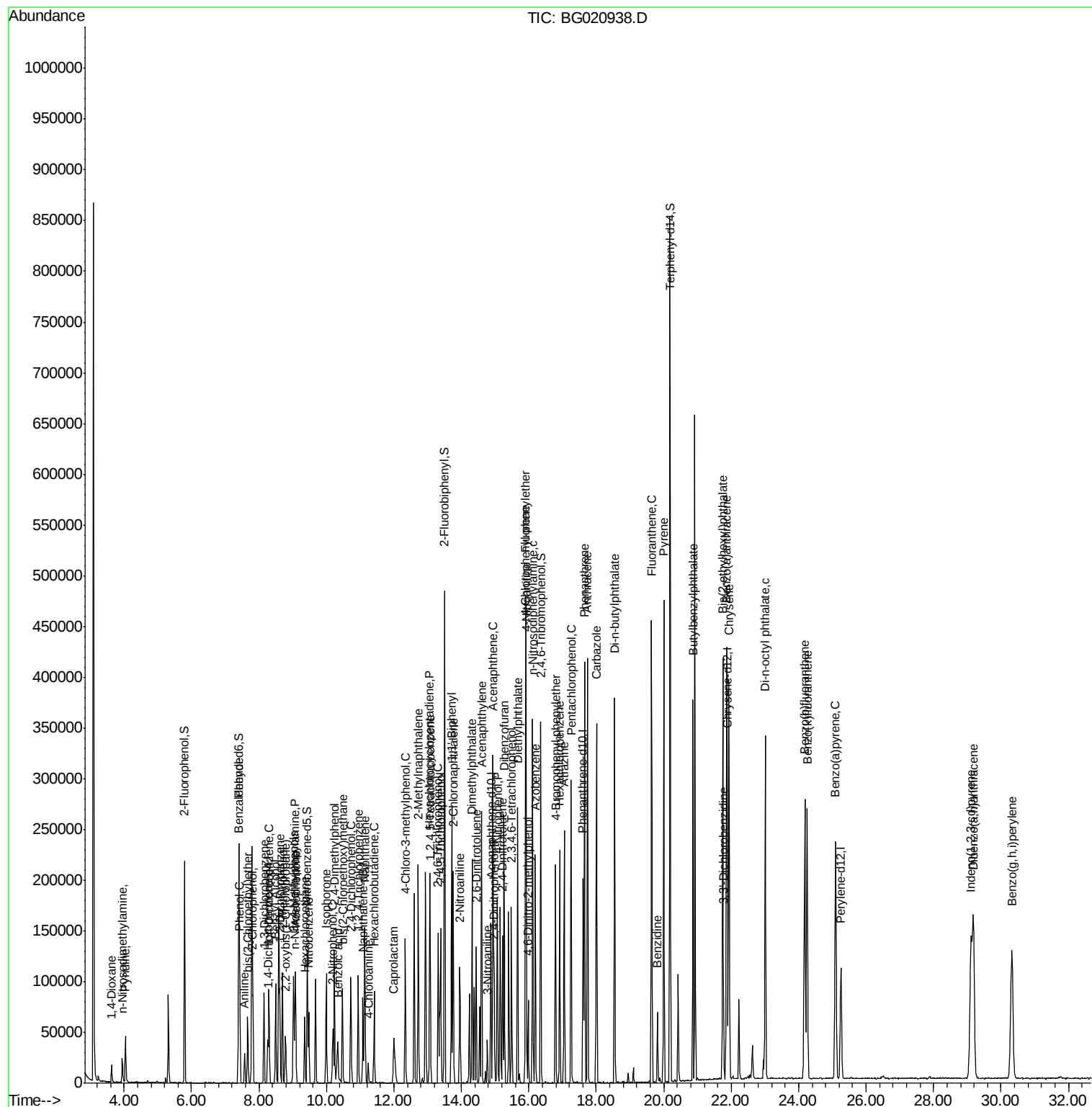
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	38733	36.96	nq	98
43) 2,4,5-Trichlorophenol	13.39	196	43343	39.34	nq	97
45) 1,1'-Biphenyl	13.71	154	149757	31.92	nq	100
46) 2-Chloronaphthalene	13.76	162	112274	33.43	nq	99
47) 2-Nitroaniline	13.95	65	31371	39.00	nq	97
48) Acenaphthylene	14.60	152	206293	35.32	nq	99
49) Dimethylphthalate	14.32	163	158744	38.18	nq	100
50) 2,6-Dinitrotoluene	14.44	165	35269	39.58	nq	97
51) Acenaphthene	14.94	154	135414	38.24	nq	98
52) 3-Nitroaniline	14.77	138	15222	14.70	nq	93
53) 2,4-Dinitrophenol	14.97	184	27530	73.61	nq	93
54) Dibenzofuran	15.27	168	192127	41.02	nq	99
55) 4-Nitrophenol	15.07	139	68339	87.39	nq	98
56) 2,4-Dinitrotoluene	15.22	165	50622	43.95	nq	98
57) Fluorene	15.91	166	167294	38.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.48	232	38151	45.44	nq	99
59) Diethylphthalate	15.67	149	171997	40.24	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	71301	37.22	nq	97
61) 4-Nitroaniline	15.93	138	43392	41.75	nq	95
62) Azobenzene	16.19	77	141336	42.05	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	21985	35.61	nq	97
65) n-Nitrosodiphenylamine	16.11	169	142926	34.77	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	45473	33.84	nq	98
67) Hexachlorobenzene	16.91	284	49733	34.78	nq	99
68) Atrazine	17.05	200	46582	37.34	nq	100
69) Pentachlorophenol	17.25	266	55999	68.31	nq	96
70) Phenanthrene	17.65	178	263245	36.34	nq	99
71) Anthracene	17.74	178	263894	35.89	nq	99
72) Carbazole	18.00	167	239063	36.23	nq	99
73) Di-n-butylphthalate	18.55	149	294709	34.83	nq	100
74) Fluoranthene	19.64	202	272781	34.86	nq	99
76) Benzidine	19.81	184	46109	12.10	nq	98
77) Pyrene	20.00	202	283081	36.43	nq	99
79) Butylbenzylphthalate	20.87	149	130081	34.96	nq	99
80) Benzo(a)anthracene	21.86	228	254930	36.25	nq	99
81) 3,3'-Dichlorobenzidine	21.77	252	27357	10.48	nq	98
82) Chrysene	21.93	228	230430	34.84	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	191388	34.70	nq	100
84) Di-n-octyl phthalate	23.01	149	325615	35.96	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	279426	36.73	nq	# 88
87) Benzo(b)fluoranthene	24.18	252	252526	37.30	nq	99
88) Benzo(k)fluoranthene	24.25	252	241055	36.34	nq	100
89) Benzo(a)pyrene	25.10	252	241301	37.41	nq	99
90) Dibenzo(a,h)anthracene	29.18	278	230400	36.73	nq	97
91) Benzo(g,h,i)perylene	30.32	276	227412	36.53	nq	99

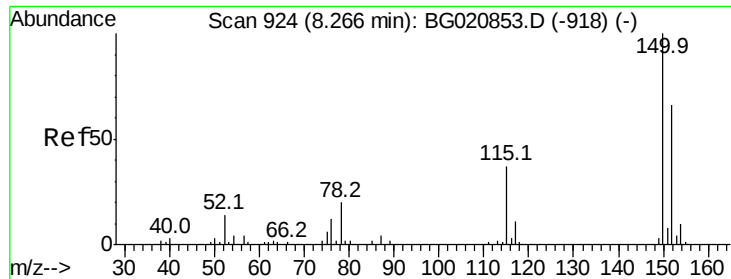
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

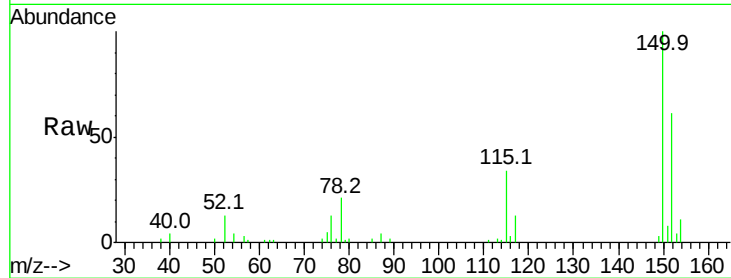
Tot Ion:152 Resp: 15896

Ion Ratio Lower Upper

152 100

150 164.0 122.0 183.0

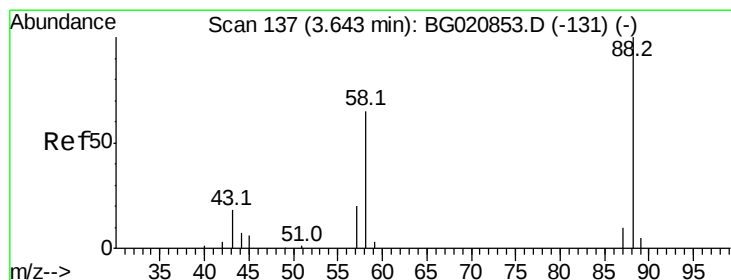
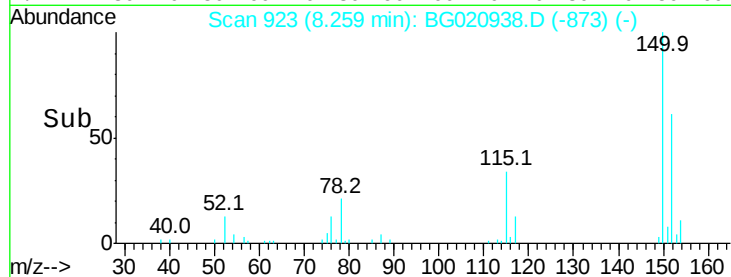
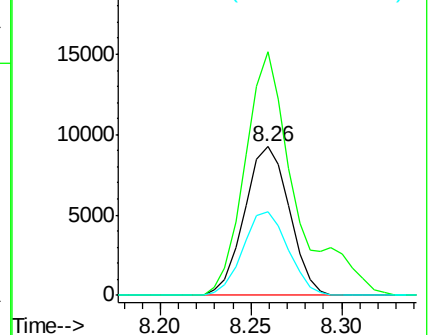
115 56.2 45.2 67.8



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: 30.59 ng

RT: 3.62 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

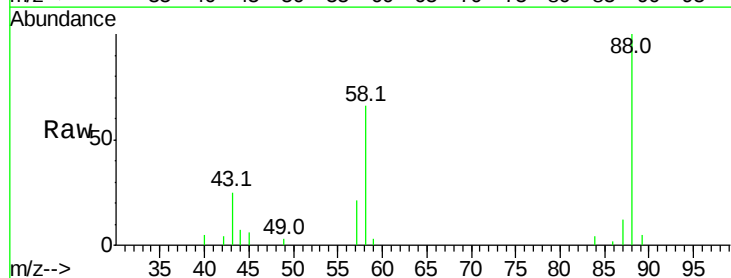
Tgt Ion: 88 Resp: 10500

Ion Ratio Lower Upper

88 100

58 68.0 50.3 75.5

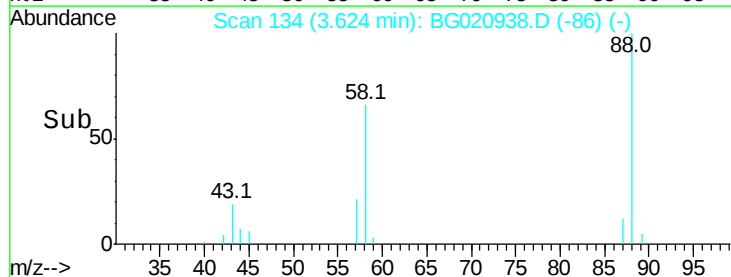
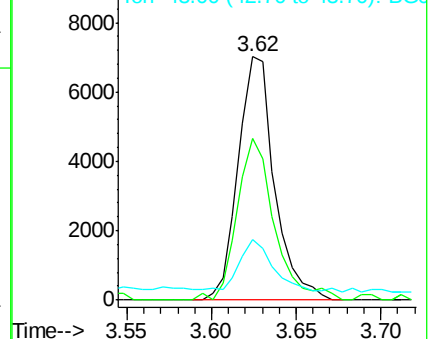
43 19.1 14.5 21.7

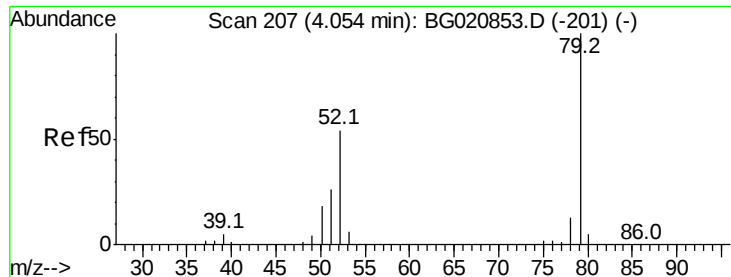


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.83 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

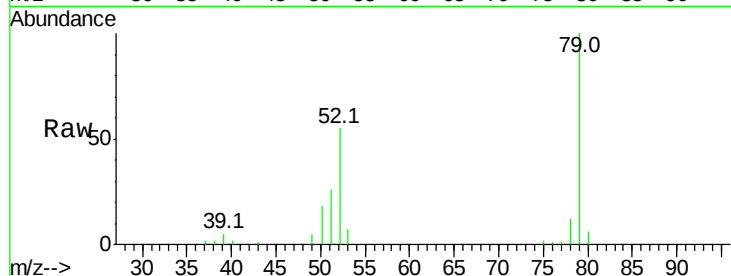
Tot Ion: 79 Resp: 32315

Ion Ratio Lower Upper

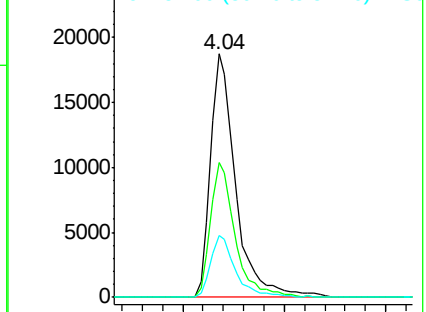
79 100

52 55.3 43.1 64.7

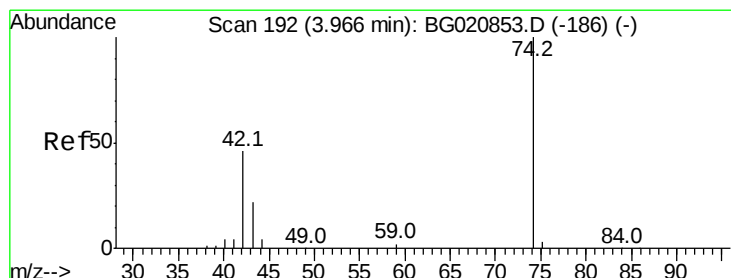
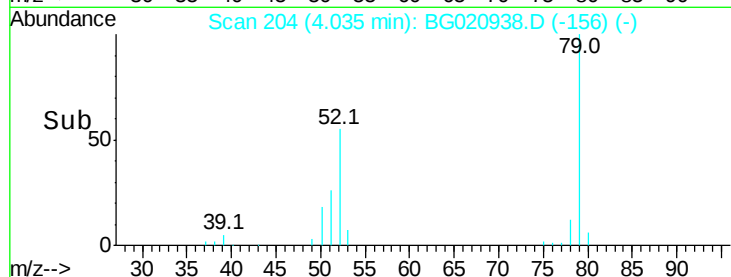
51 25.6 20.7 31.1



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



Time-->



#4

n-Nitrosodimethylamine

Concen: 34.95 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

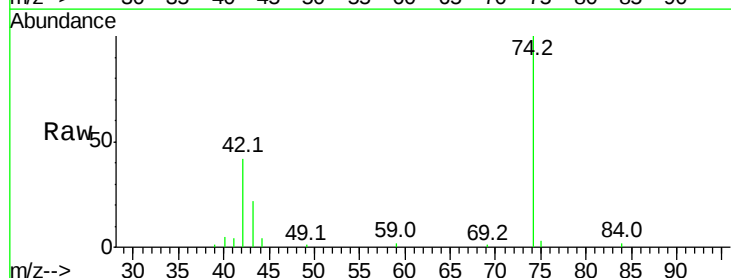
Tgt Ion: 42 Resp: 9283

Ion Ratio Lower Upper

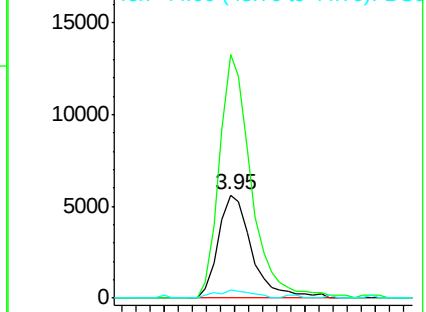
42 100

74 235.7 173.8 260.6

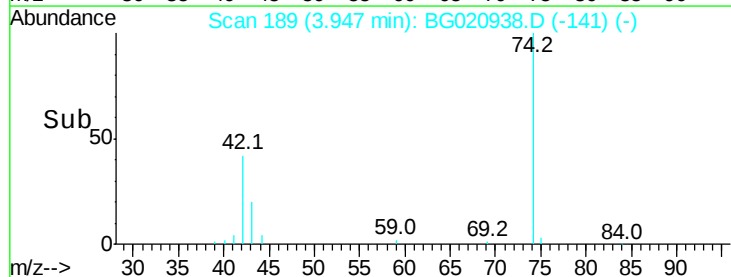
44 8.5 6.3 9.5

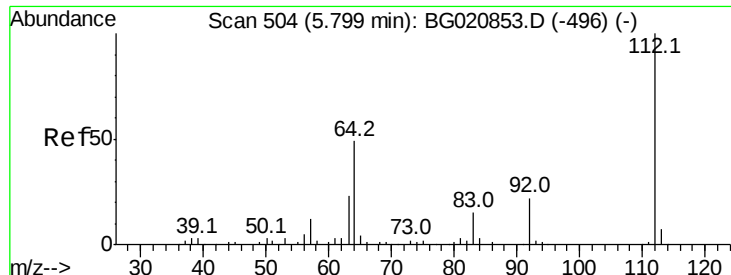


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 126.96 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

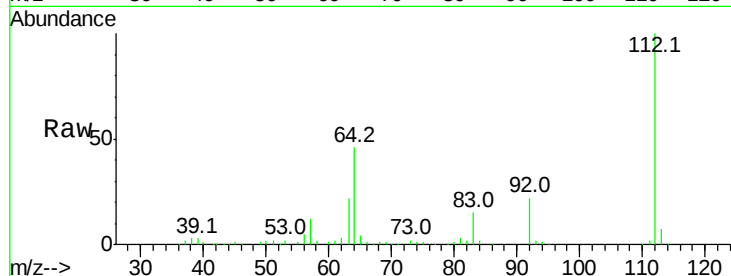
Tot Ion:112 Resp: 119842

Ion Ratio Lower Upper

112 100

64 46.1 39.3 58.9

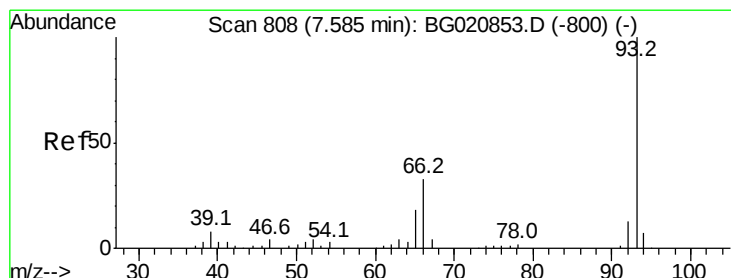
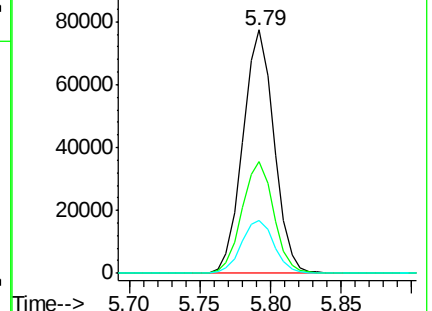
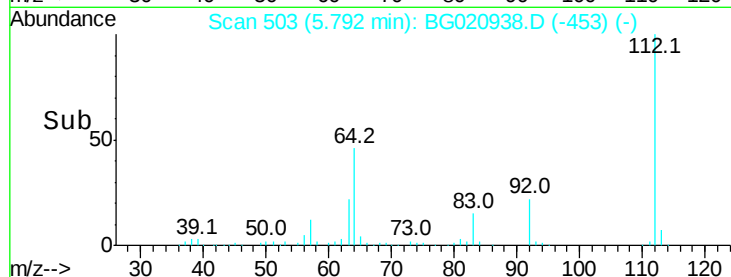
63 21.9 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.54 ng

RT: 7.57 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

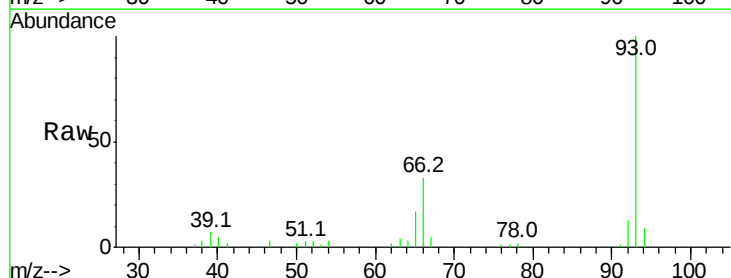
Tgt Ion: 93 Resp: 23293

Ion Ratio Lower Upper

93 100

66 32.5 26.6 40.0

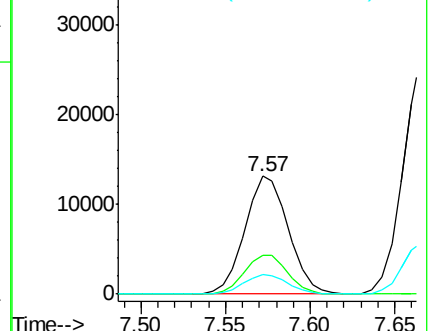
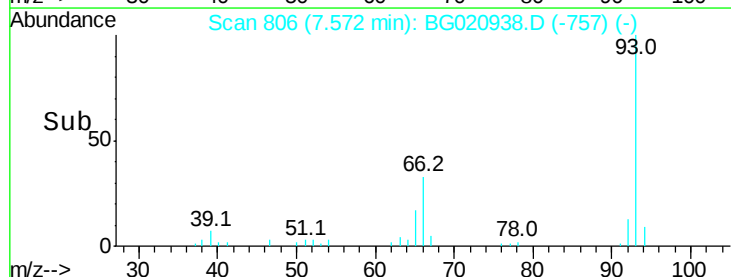
65 16.6 14.0 21.0

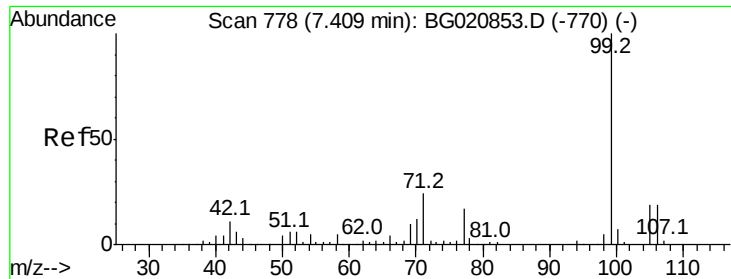


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.73 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

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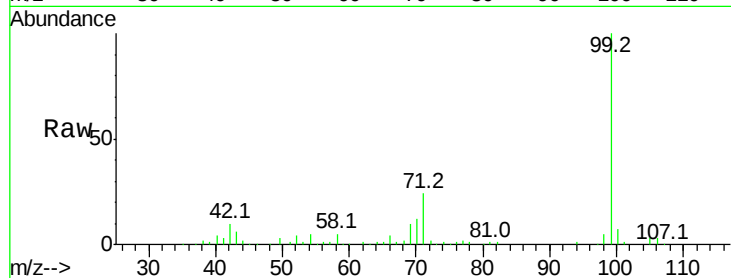
Tot Ion: 99 Resp: 169323

Ion Ratio Lower Upper

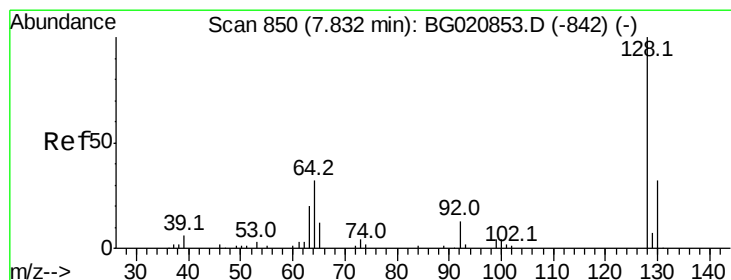
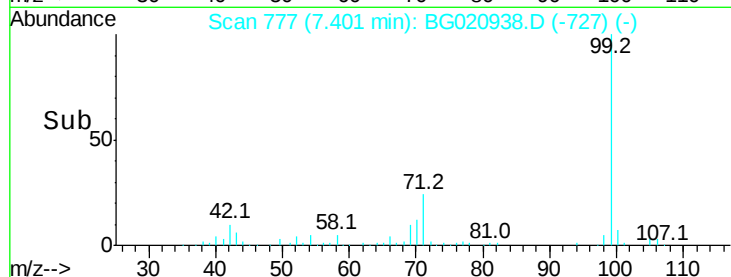
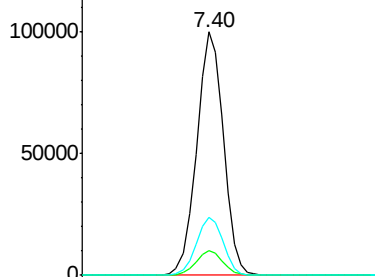
99 100

42 10.3 8.4 12.6

71 23.7 19.4 29.0



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: 39.35 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

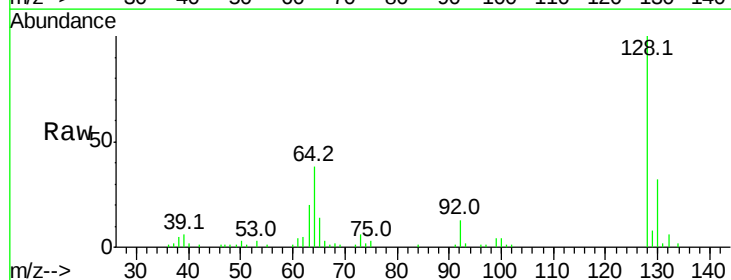
Tgt Ion:128 Resp: 46398

Ion Ratio Lower Upper

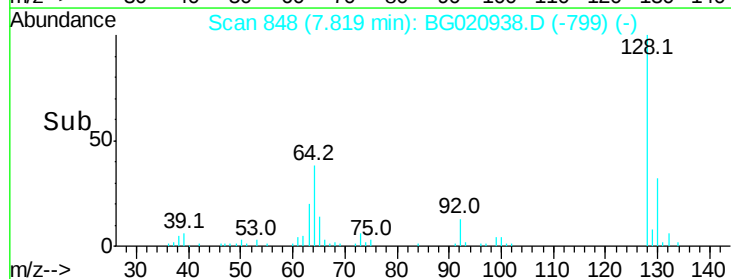
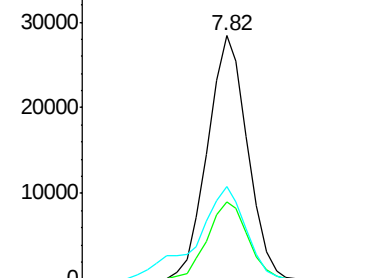
128 100

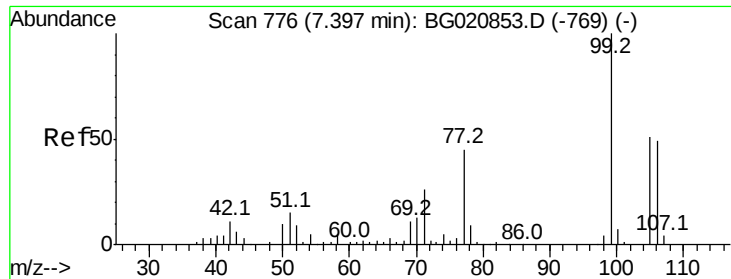
130 31.9 12.3 52.3

64 37.8 15.9 55.9



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: 14.47 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

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ClientSampleId :

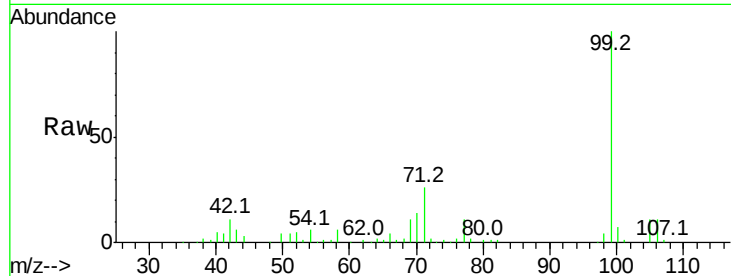
Tot Ion: 77 Resp: 9999

Ion Ratio Lower Upper

77 100

105 100.1 93.4 133.4

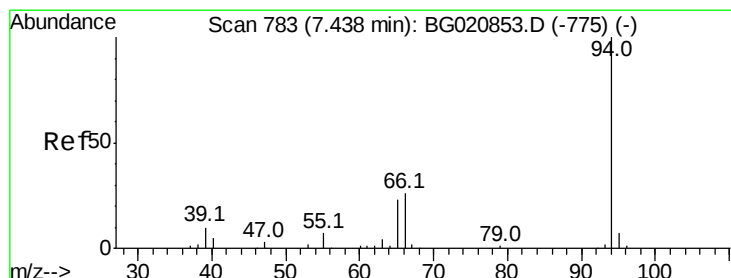
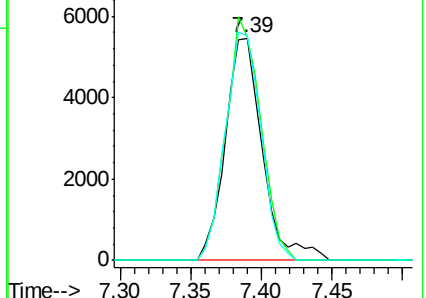
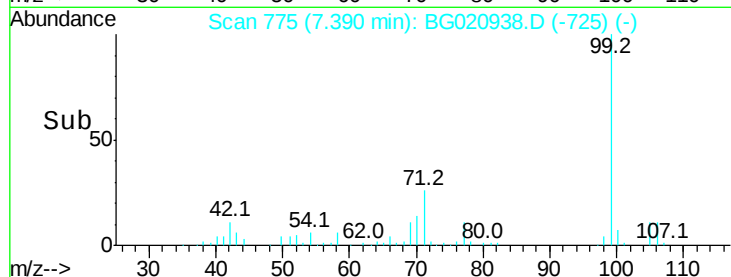
106 100.6 88.7 128.7



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: 40.06 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

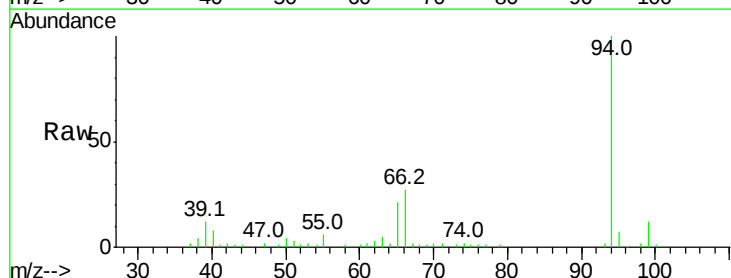
Tgt Ion: 94 Resp: 58487

Ion Ratio Lower Upper

94 100

65 21.4 2.8 42.8

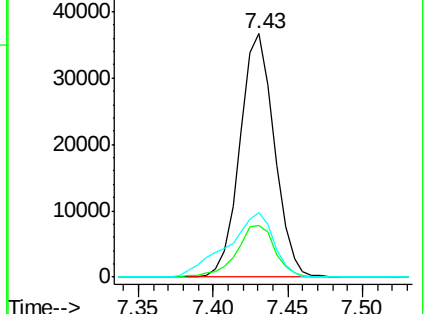
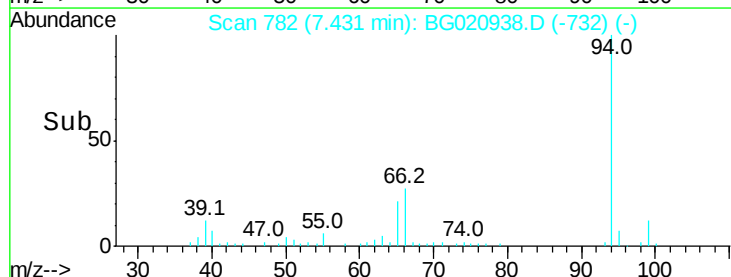
66 26.7 7.2 47.2

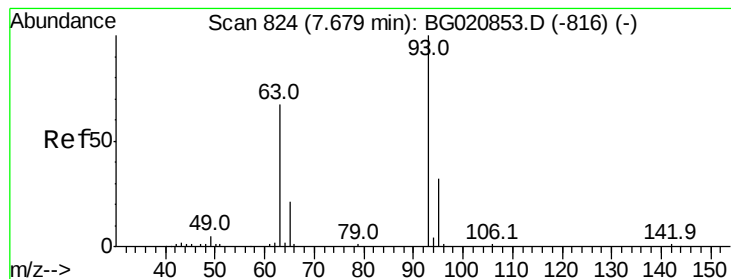


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.37 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

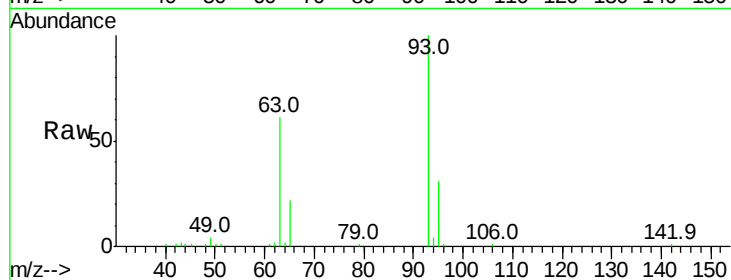
Tot Ion: 93 Resp: 41252

Ion Ratio Lower Upper

93 100

63 60.7 46.4 86.4

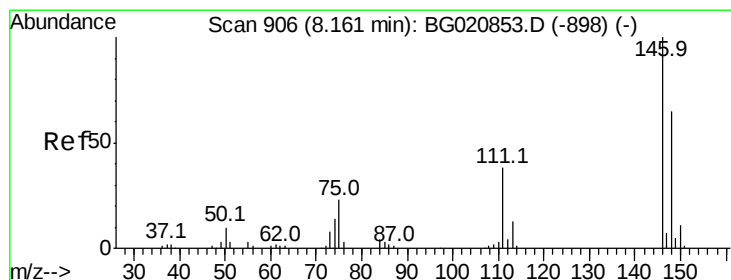
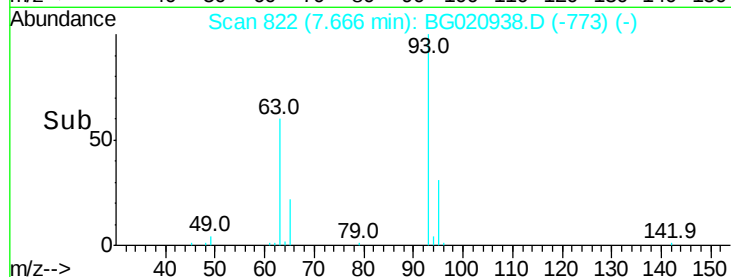
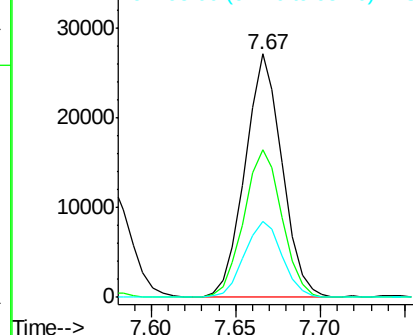
95 31.4 12.1 52.1



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: 34.92 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

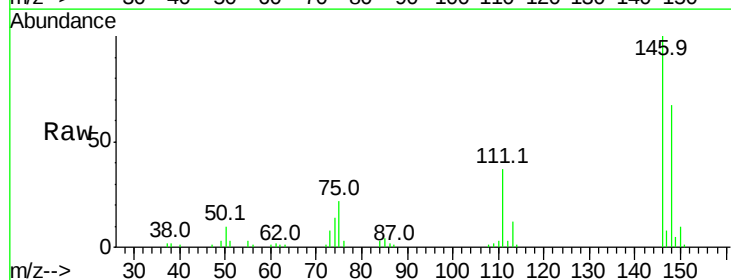
Tgt Ion: 146 Resp: 43531

Ion Ratio Lower Upper

146 100

148 67.1 51.8 77.8

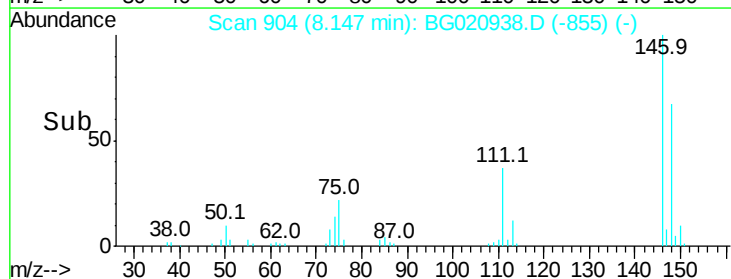
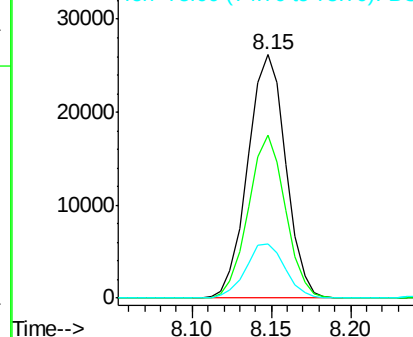
75 22.2 18.7 28.1

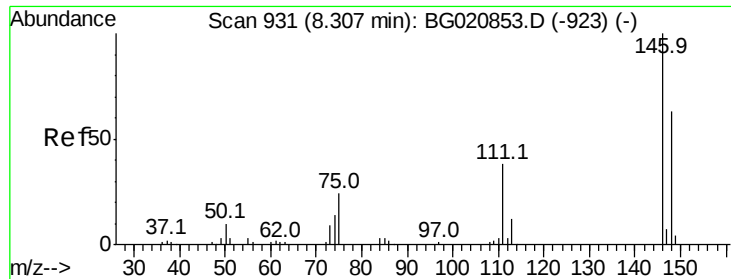


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

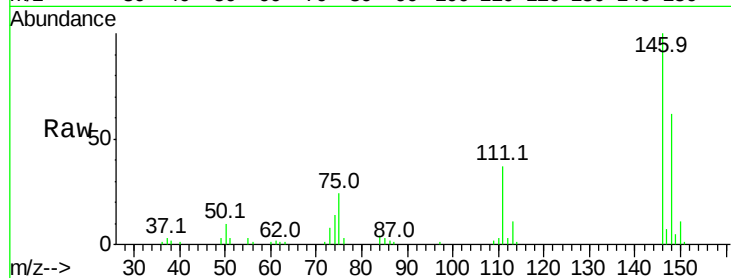




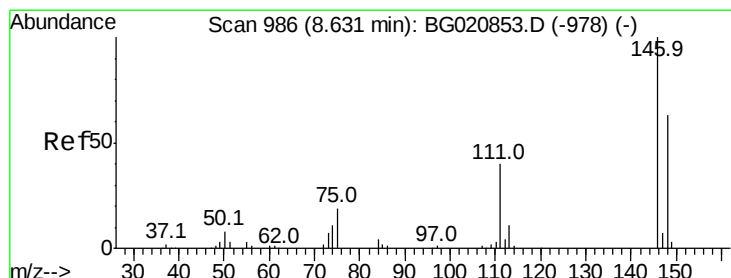
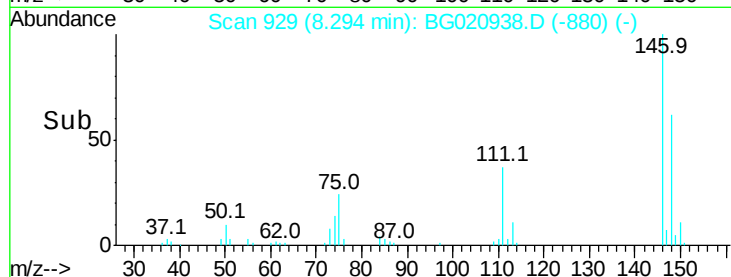
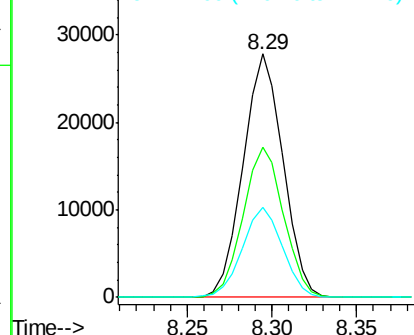
#13
 1,4-Dichlorobenzene
 Concen: 36.14 ng
 RT: 8.29 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 45682
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.8 76.2
 111 36.9 30.1 45.1

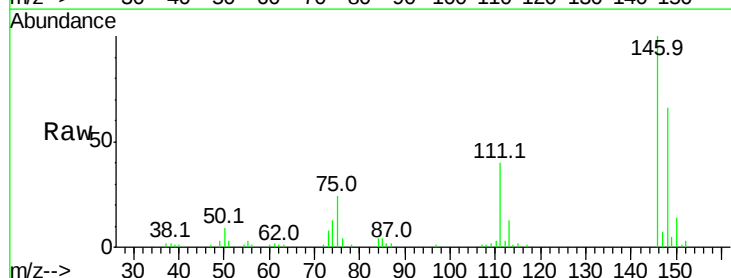


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

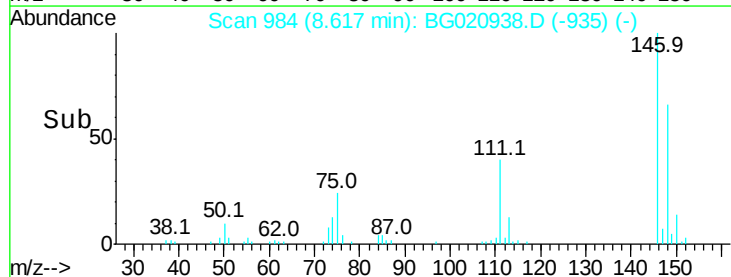
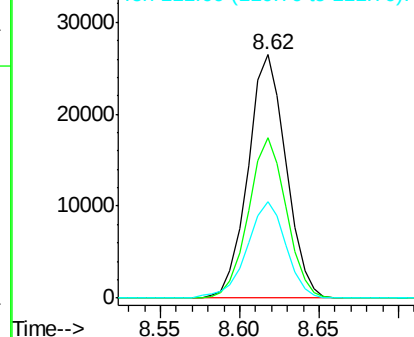


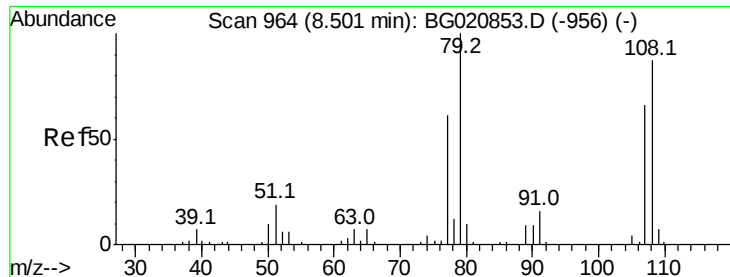
#14
 1,2-Dichlorobenzene
 Concen: 35.83 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:146 Resp: 44063
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 76.0
 111 39.8 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

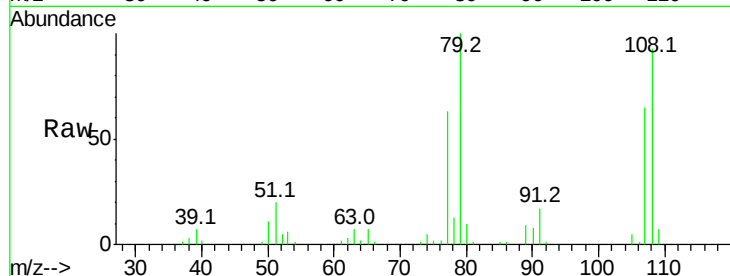
Tot Ion: 79 Resp: 34512

Ion Ratio Lower Upper

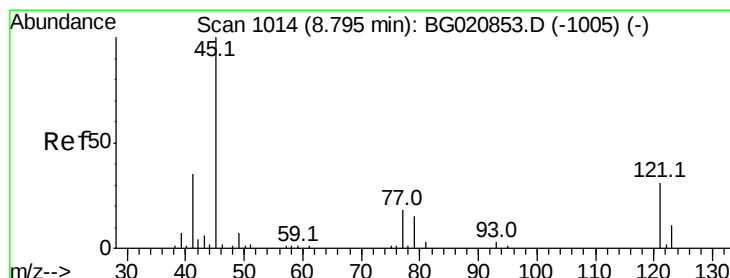
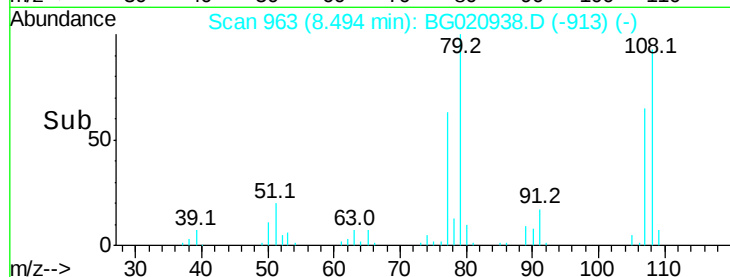
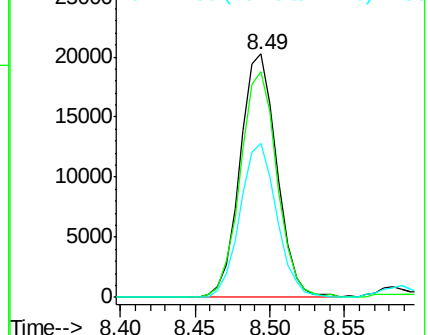
79 100

108 92.8 69.4 104.2

77 63.2 48.6 73.0



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: 33.19 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

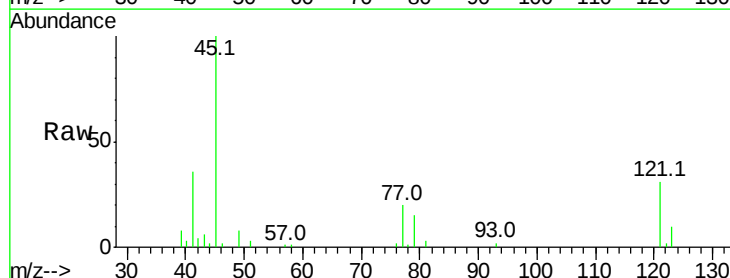
Tgt Ion: 45 Resp: 40376

Ion Ratio Lower Upper

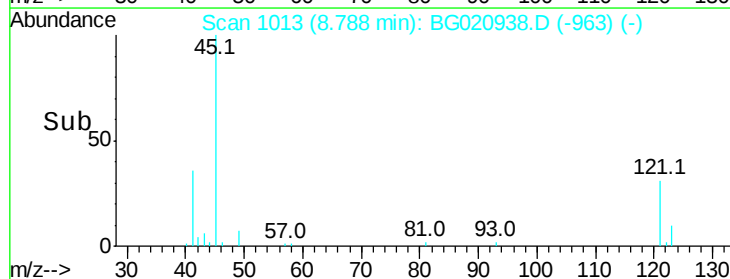
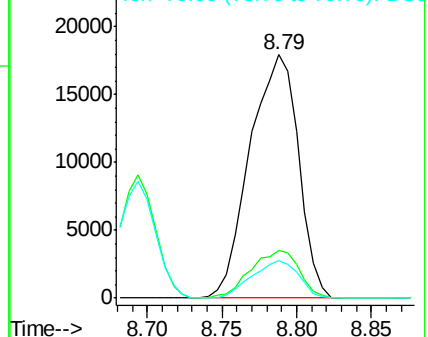
45 100

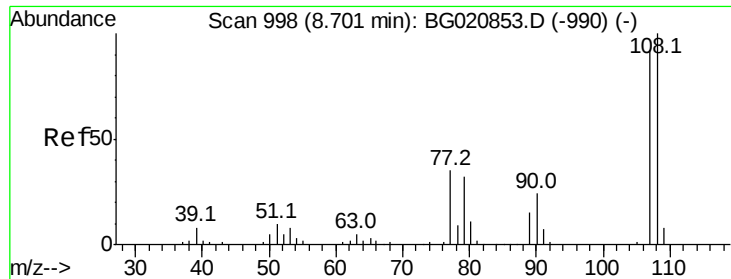
77 19.9 0.0 38.5

79 15.3 0.0 34.9



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

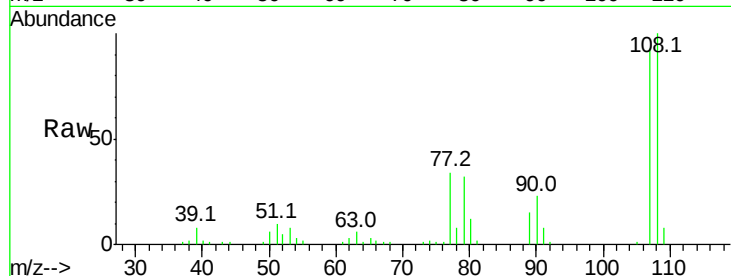




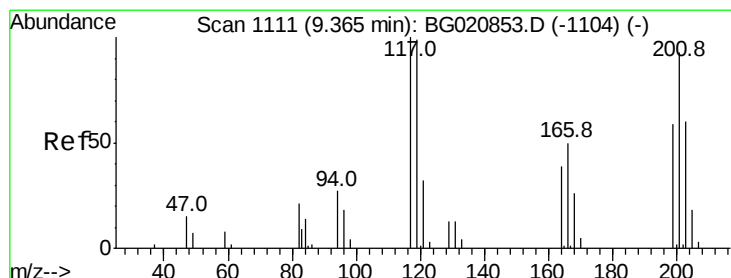
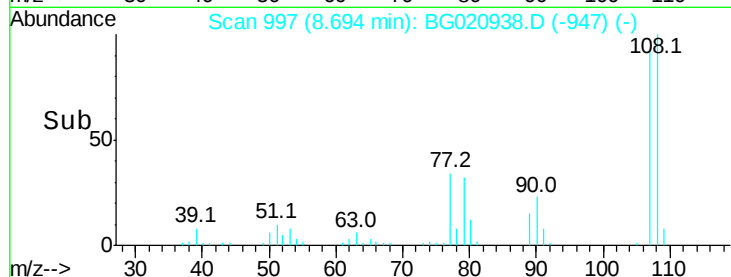
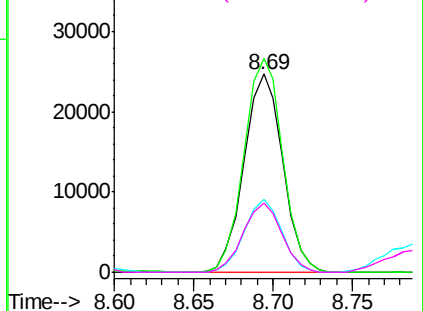
#17
2-Methylphenol
Concen: 39.85 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 41912
Ion Ratio Lower Upper
107 100
108 107.9 87.0 130.4
77 36.8 30.1 45.1
79 34.9 27.4 41.2

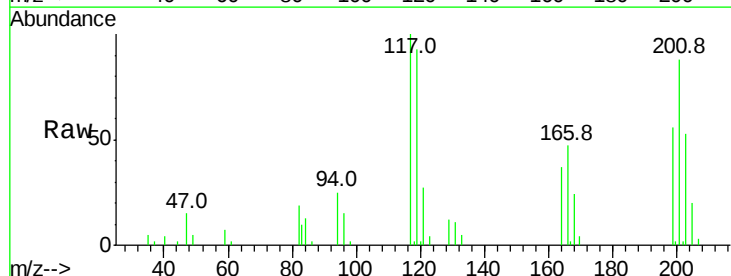


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

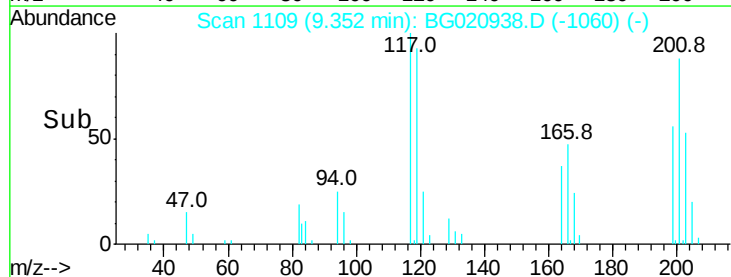
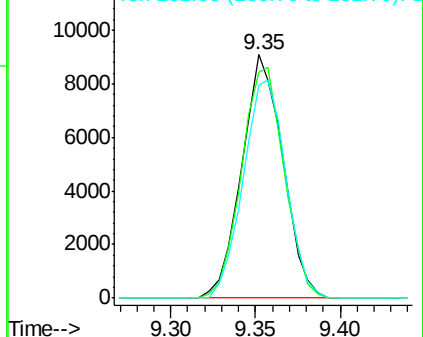


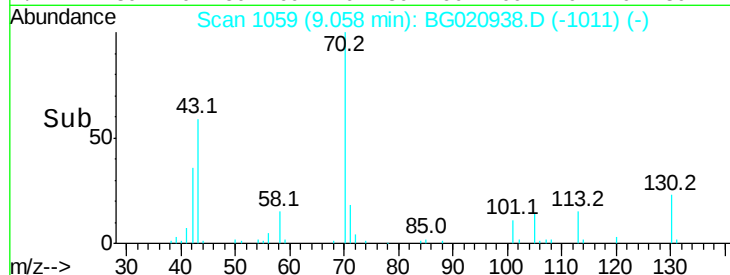
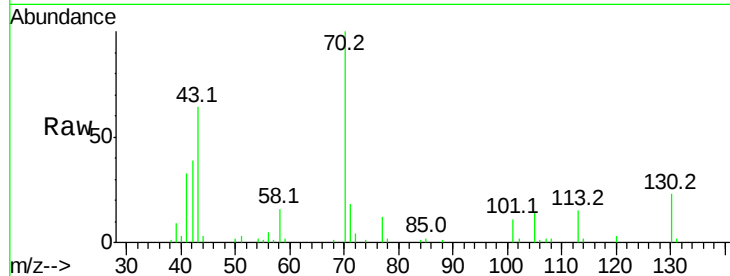
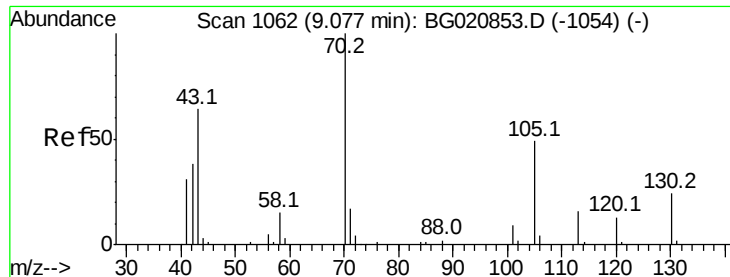
#18
Hexachloroethane
Concen: 35.41 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:117 Resp: 15391
Ion Ratio Lower Upper
117 100
119 92.9 79.6 119.4
201 87.6 74.5 111.7



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

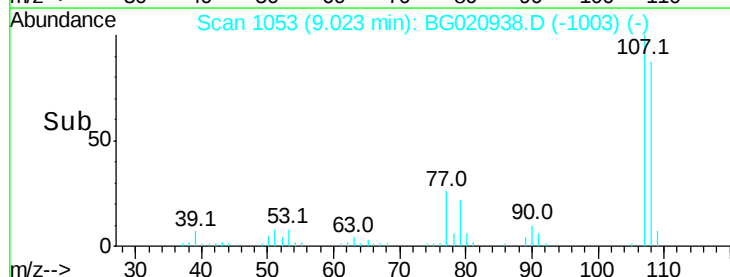
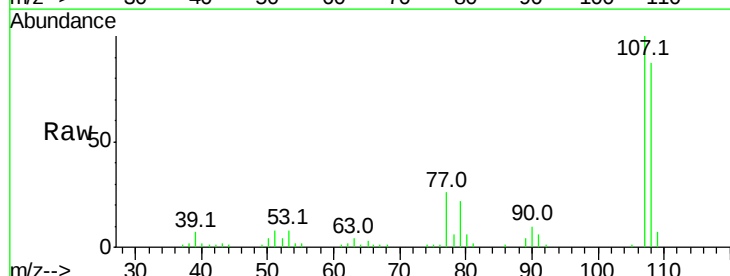
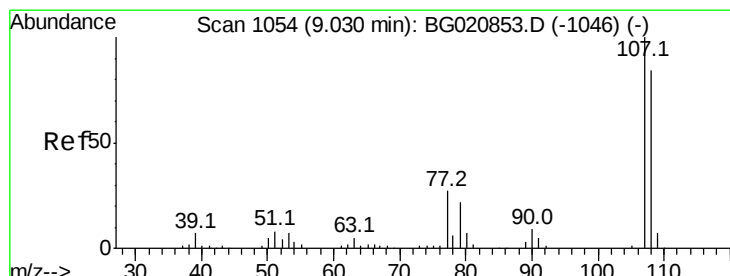
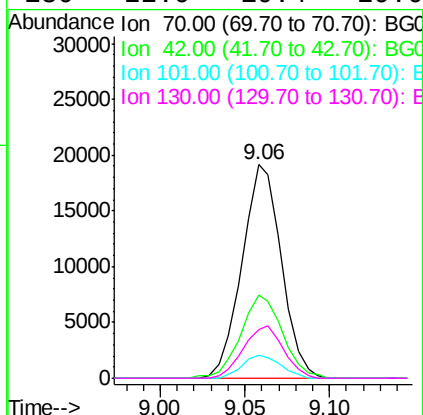




#19
n-Nitroso-di-n-propylamine
Concen: 34.85 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

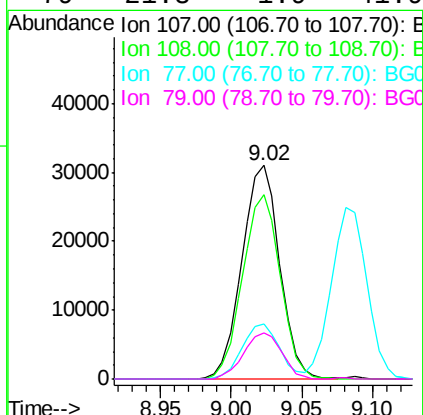
Instrument :
BNA_G
ClientSampleId :

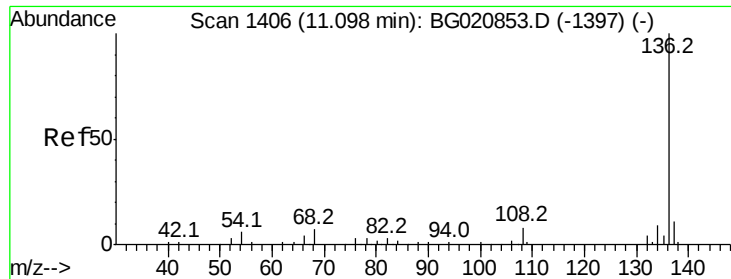
Tot Ion:	70	Resp:	31028
Ion	Ratio	Lower	Upper
70	100		
42	39.2	30.9	46.3
101	10.7	7.3	10.9
130	22.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:	107	Resp:	58136
Ion	Ratio	Lower	Upper
107	100		
108	86.5	64.4	104.4
77	26.0	7.1	47.1
79	21.8	1.9	41.9

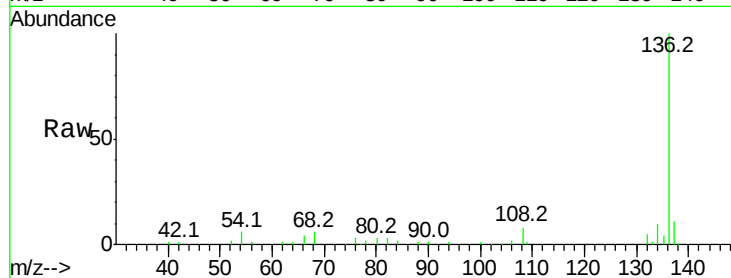




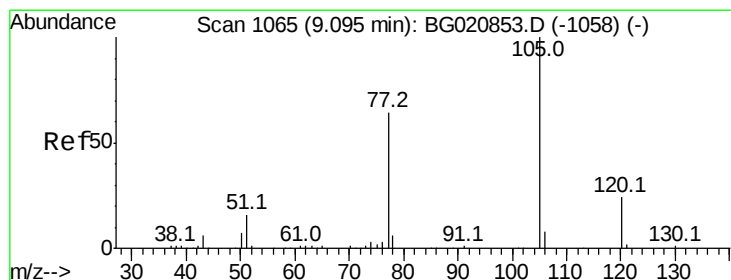
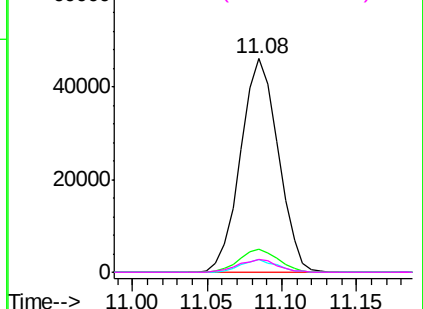
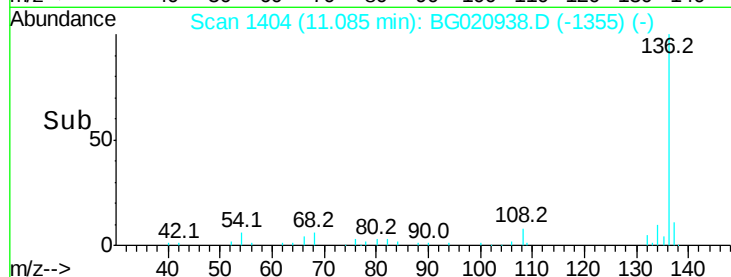
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	80452
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	5.9	5.0 7.4
68	6.2	5.2 7.8

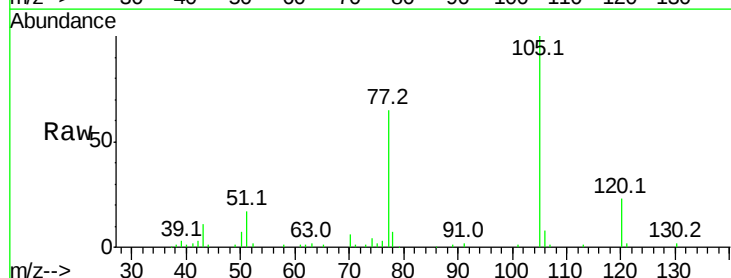


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

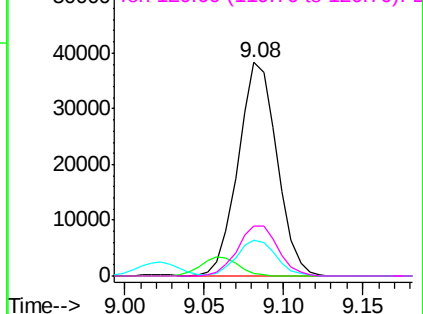
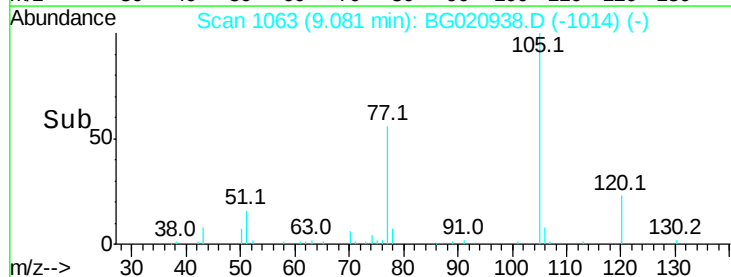


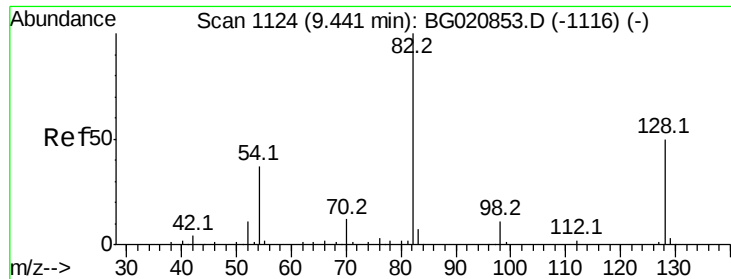
#22
Acetophenone
Concen: 33.56 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:105	Resp:	65085
Ion Ratio	Lower	Upper
105	100	
71	1.1	1.4 2.0#
51	17.0	13.7 20.5
120	23.2	19.0 28.6



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

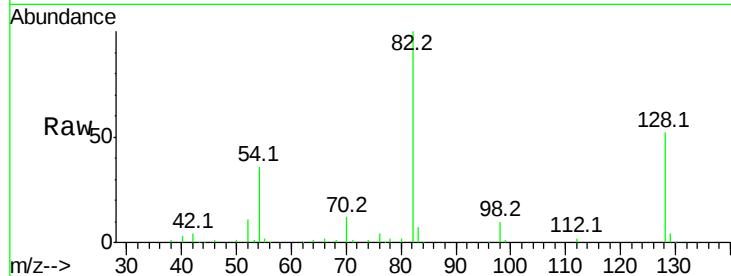




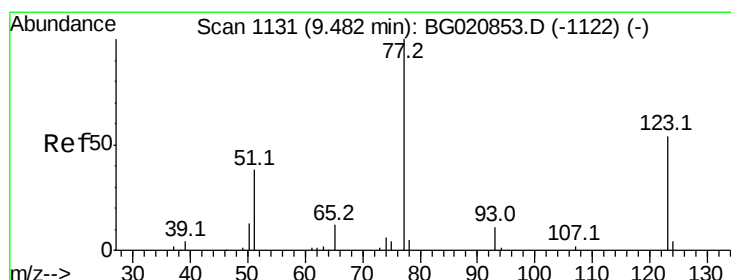
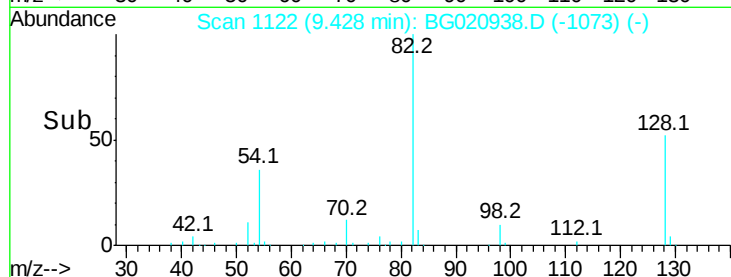
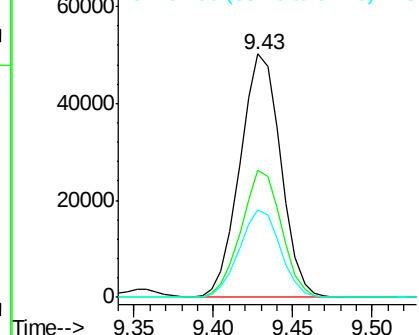
#23
Nitrobenzene-d5
Concen: 73.13 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 89481
Ion Ratio Lower Upper
82 100
128 52.1 40.1 60.1
54 36.0 29.5 44.3

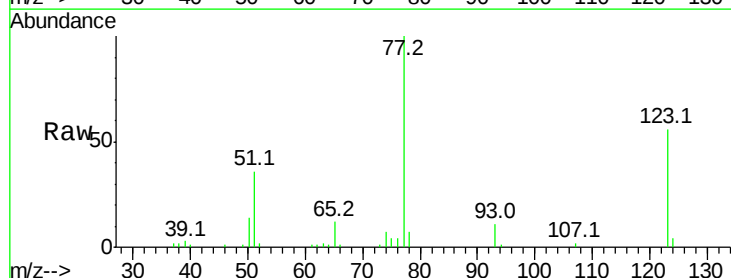


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

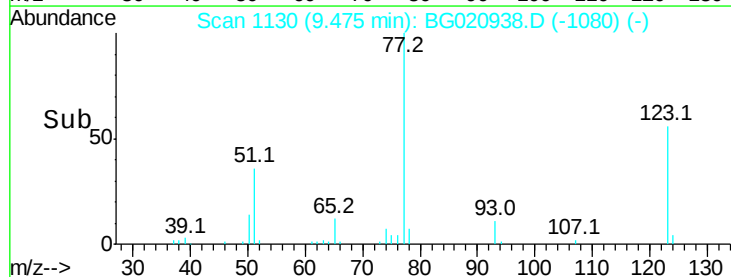
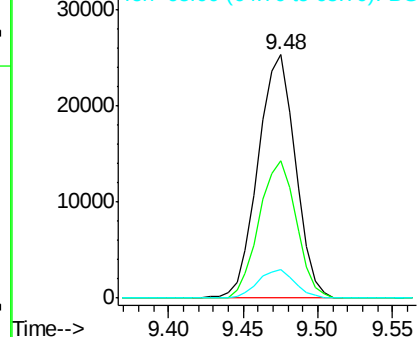


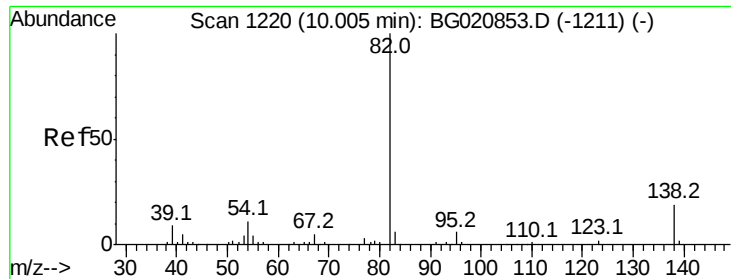
#24
Nitrobenzene
Concen: 34.28 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion: 77 Resp: 43720
Ion Ratio Lower Upper
77 100
123 56.3 43.2 64.8
65 11.5 9.2 13.8



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





#25

Isophorone

Concen: 35.45 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

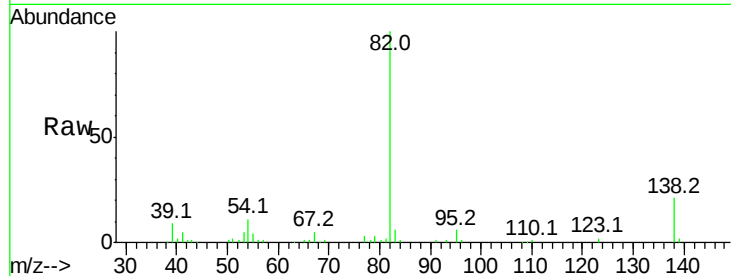
Tot Ion: 82 Resp: 91414

Ion Ratio Lower Upper

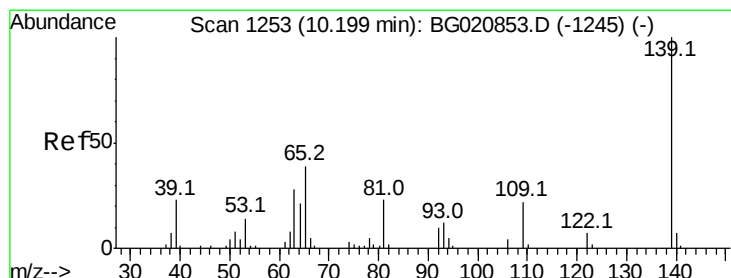
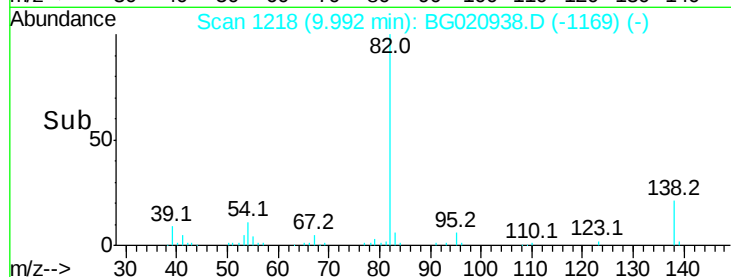
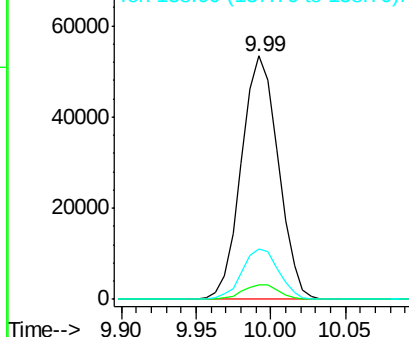
82 100

95 5.8 4.8 7.2

138 20.7 15.4 23.0



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



#26

2-Nitrophenol

Concen: 37.26 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

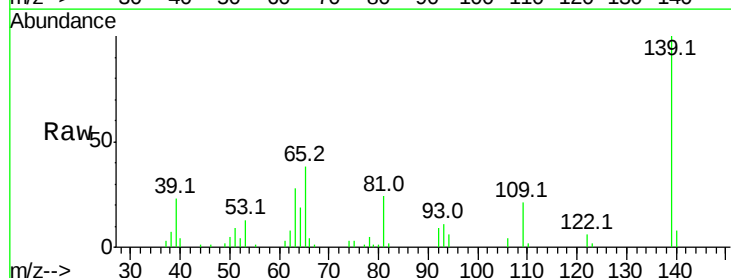
Tgt Ion:139 Resp: 25009

Ion Ratio Lower Upper

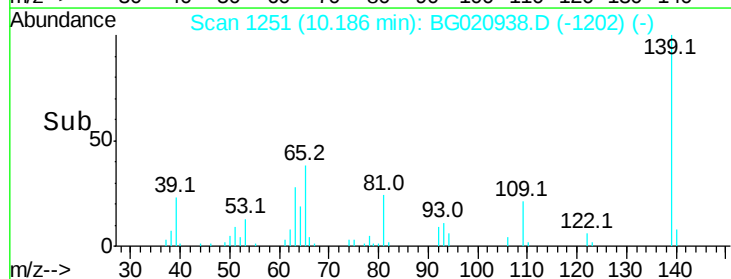
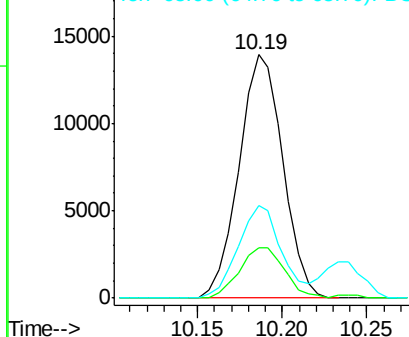
139 100

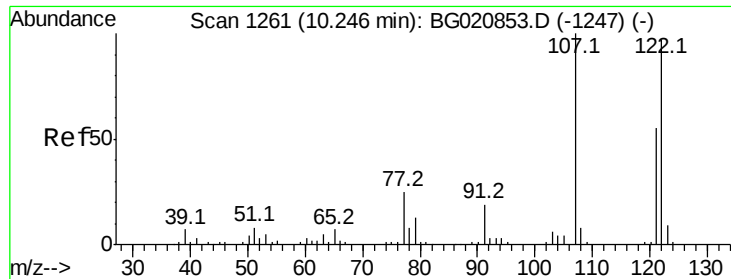
109 20.6 17.6 26.4

65 37.9 31.0 46.6



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

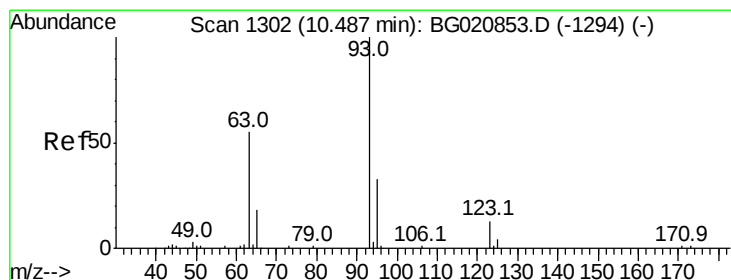
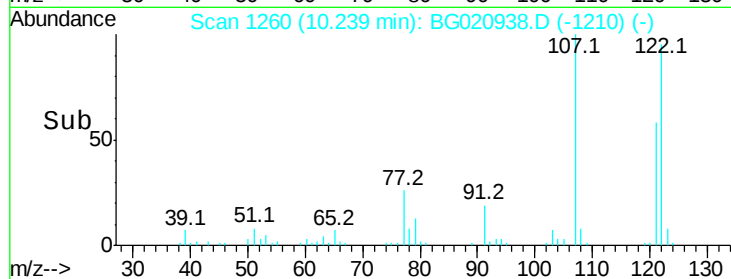
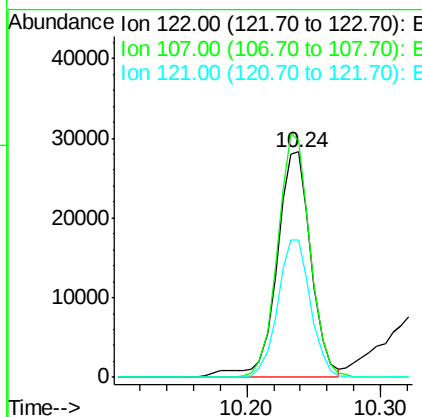
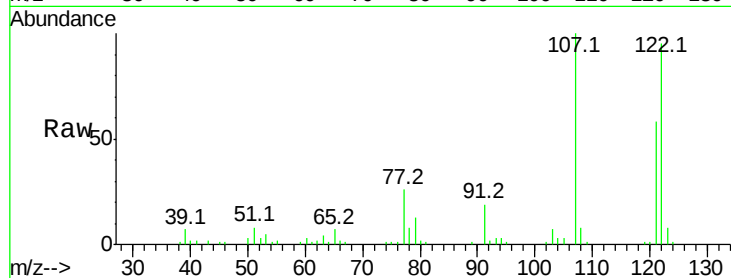




#27
 2,4-Dimethylphenol
 Concen: 39.38 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

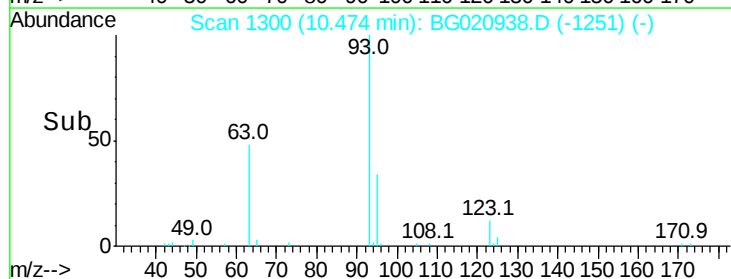
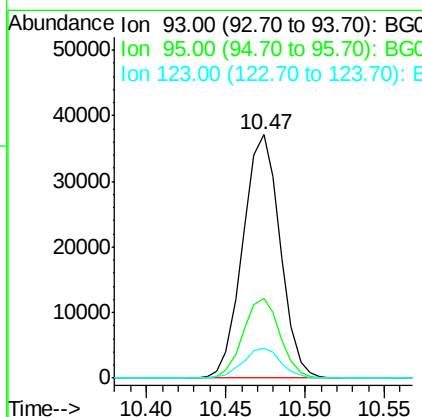
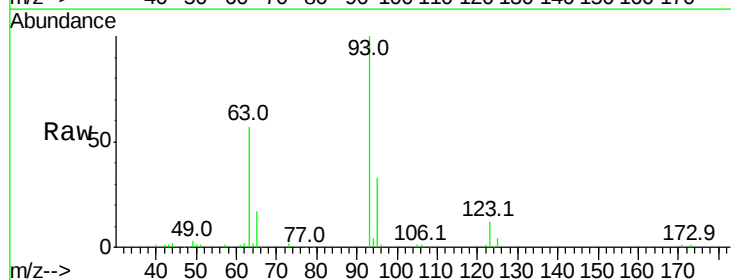
Instrument :
 BNA_G
 ClientSampleId :

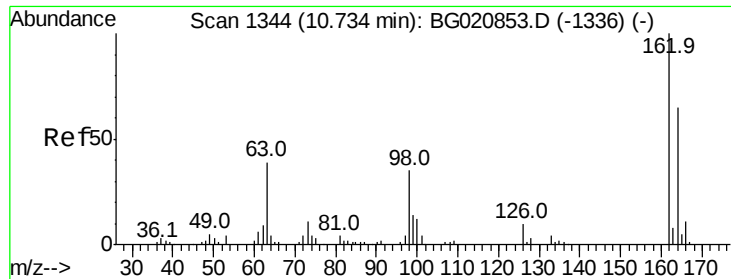
Tot Ion:122 Resp: 50648
 Ion Ratio Lower Upper
 122 100
 107 105.4 82.6 124.0
 121 61.2 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.14 ng
 RT: 10.47 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion: 93 Resp: 60622
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 12.1 10.0 15.0

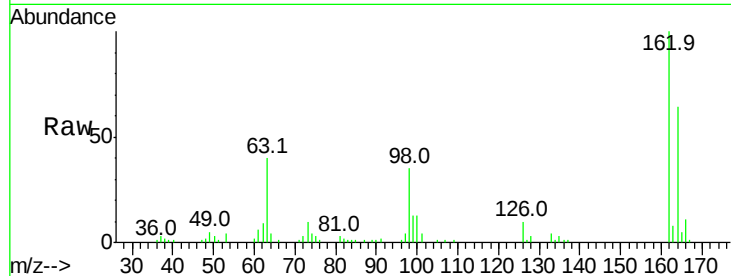




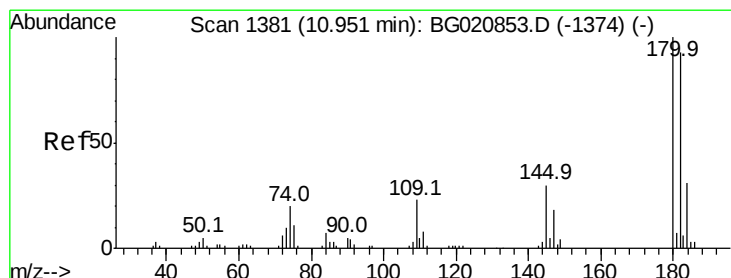
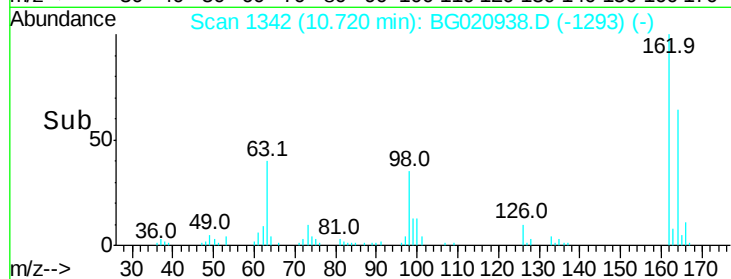
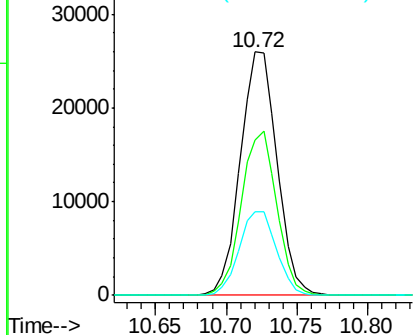
#29
 2,4-Dichlorophenol
 Concen: 41.07 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.5	84.5
98	34.5	14.9	54.9

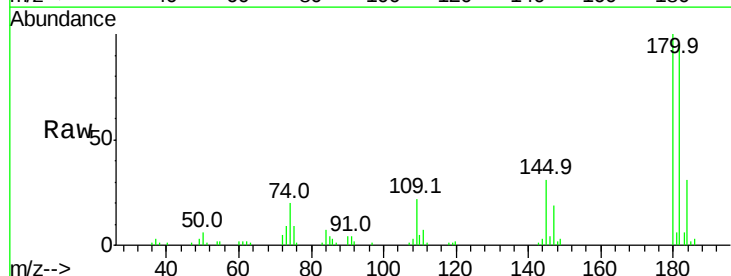


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

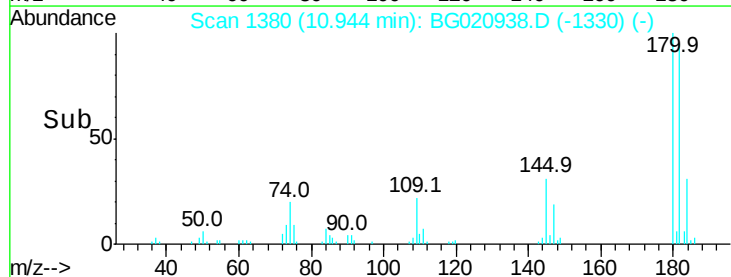
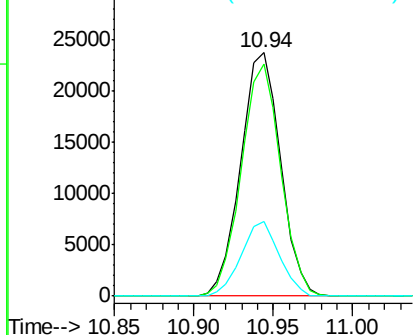


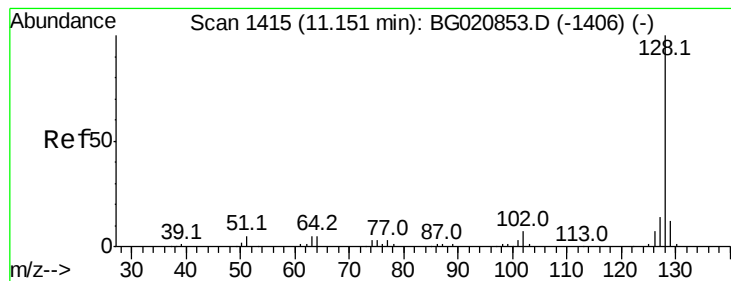
#30
 1,2,4-Trichlorobenzene
 Concen: 35.77 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.1	111.1
145	30.8	24.1	36.1



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





#31

Naphthalene

Concen: 35.53 ng

RT: 11.14 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

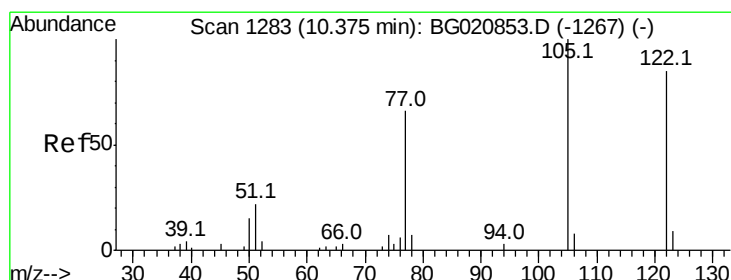
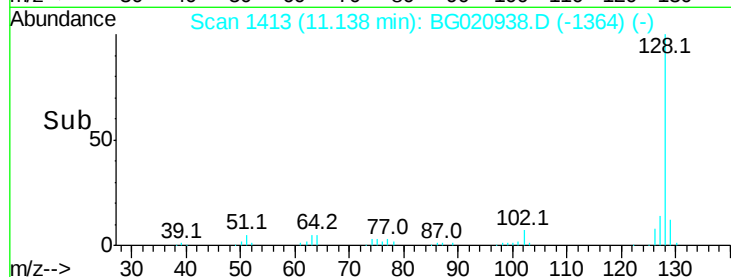
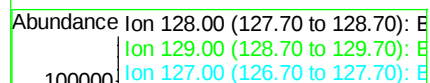
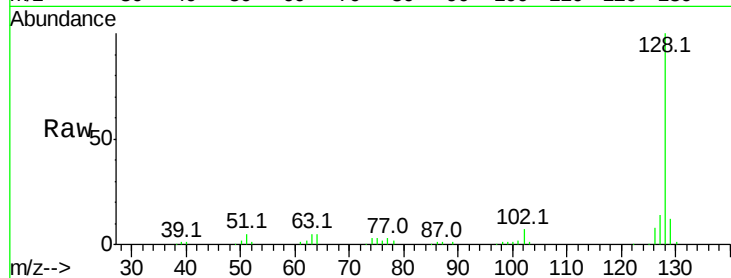
Tot Ion:128 Resp: 147879

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

127 13.7 11.4 17.2



#32

Benzoic acid

Concen: 29.61 ng

RT: 10.34 min Scan# 1277

Delta R.T. -0.04 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

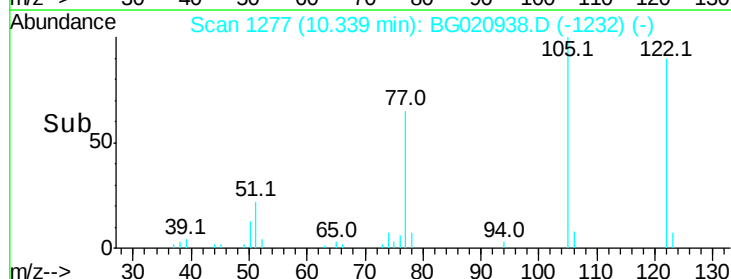
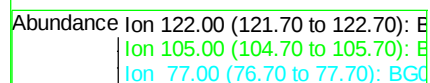
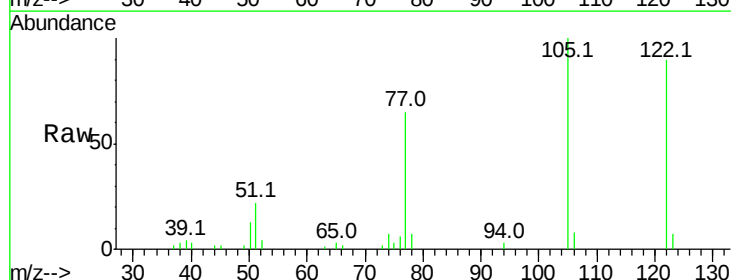
Tgt Ion:122 Resp: 30550

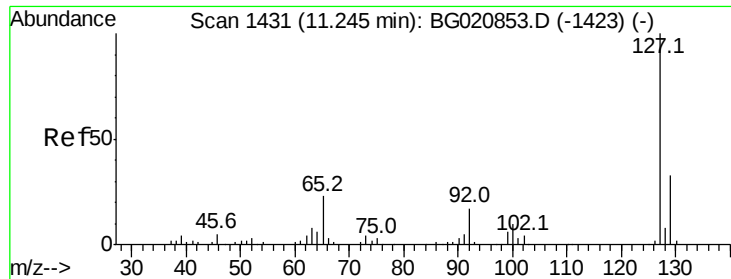
Ion Ratio Lower Upper

122 100

105 110.9 94.0 134.0

77 72.5 56.8 96.8

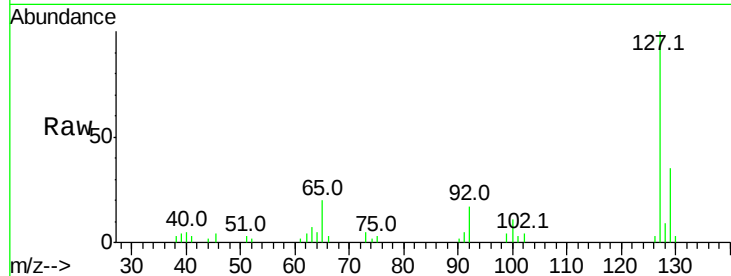




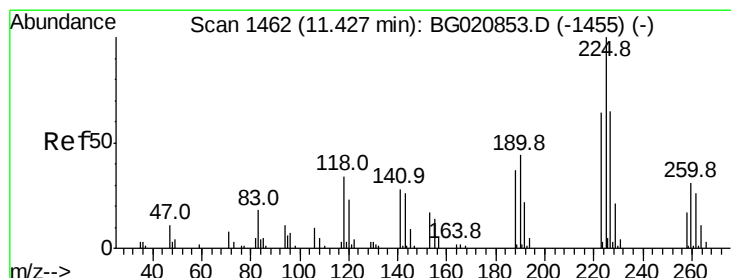
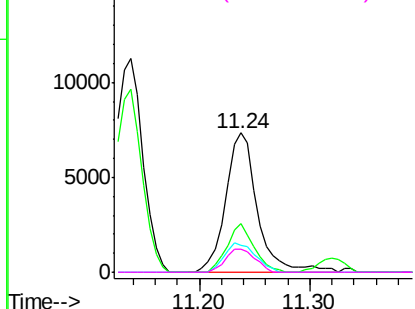
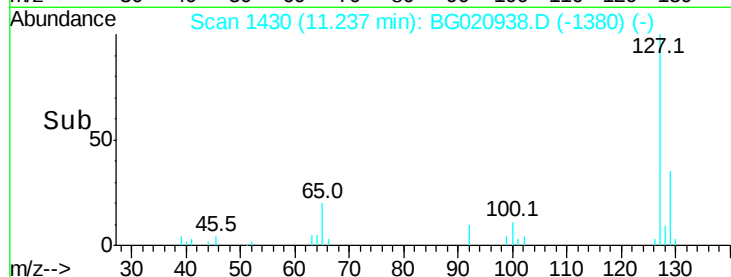
#33
4-Chloroaniline
Concen: 8.24 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	14751
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.2	39.4
65	19.8	18.6	27.8
92	16.7	13.3	19.9

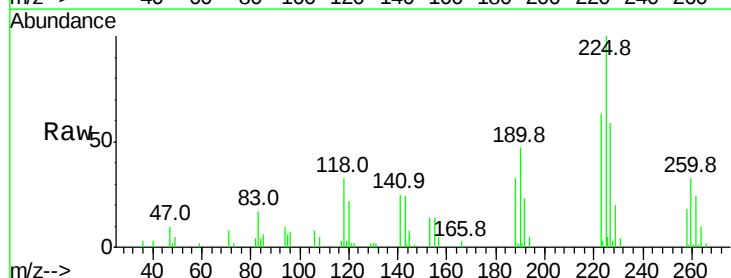


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

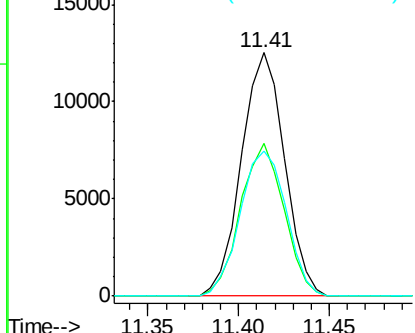
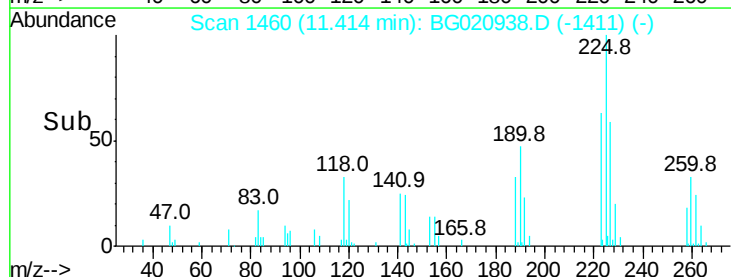


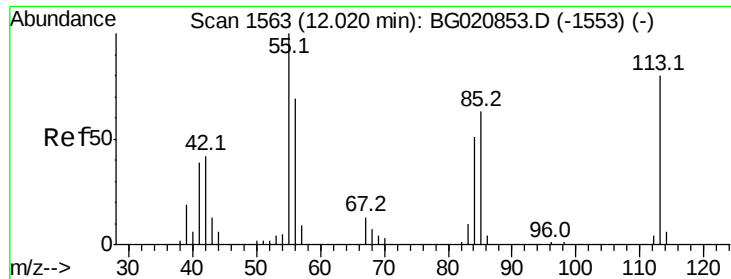
#34
Hexachlorobutadiene
Concen: 35.07 ng
RT: 11.41 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:	225	Resp:	20756
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	59.4	51.7	77.5



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: 32.74 ng

RT: 12.00 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

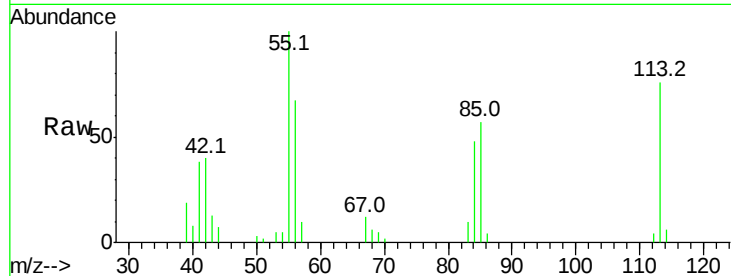
Tot Ion:113 Resp: 14464

Ion Ratio Lower Upper

113 100

55 131.2 104.4 144.4

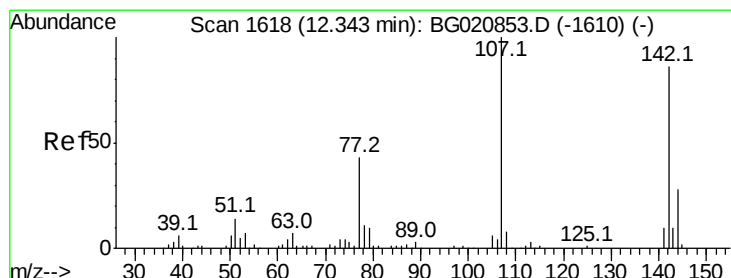
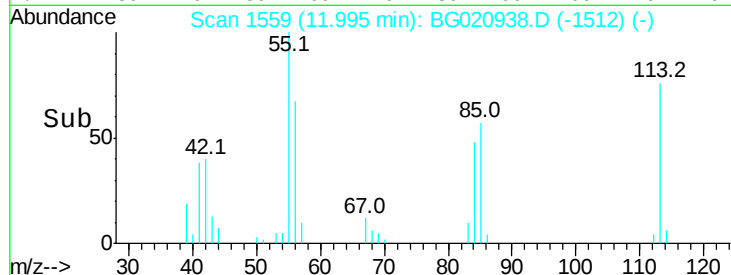
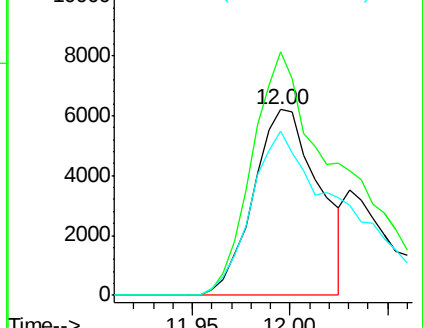
56 88.5 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.71 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

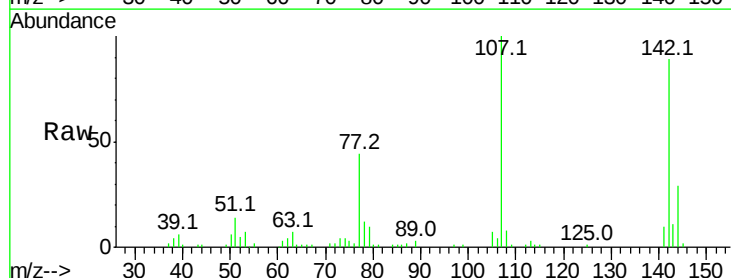
Tgt Ion:107 Resp: 55090

Ion Ratio Lower Upper

107 100

144 29.3 22.4 33.6

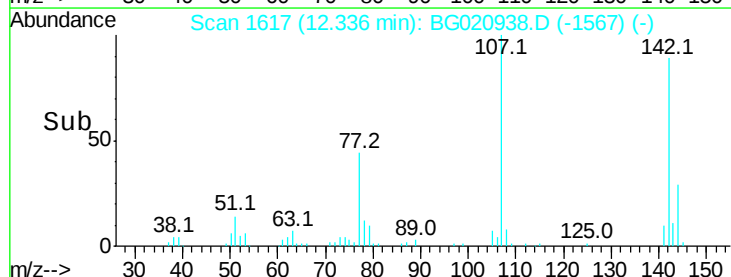
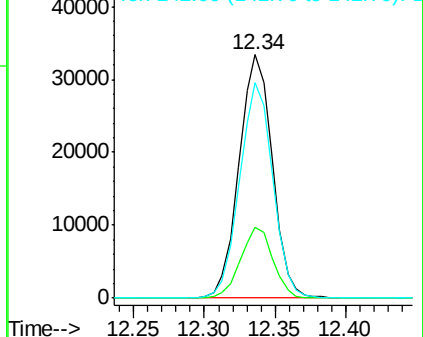
142 88.5 68.6 103.0

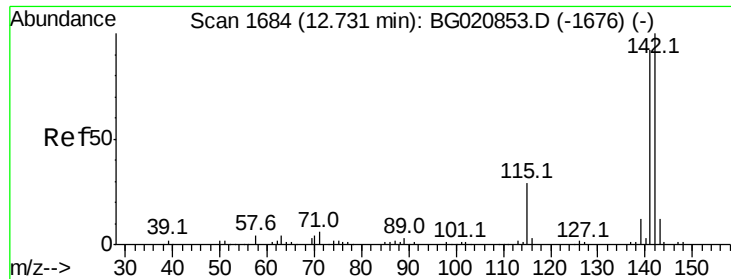


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

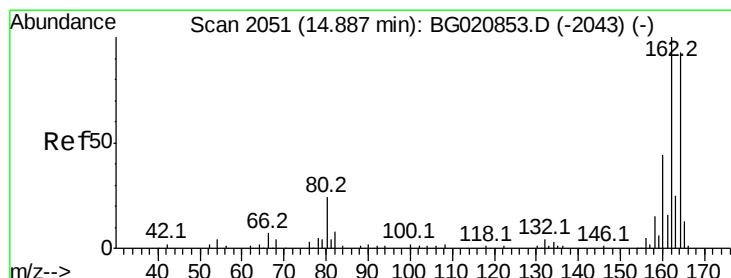
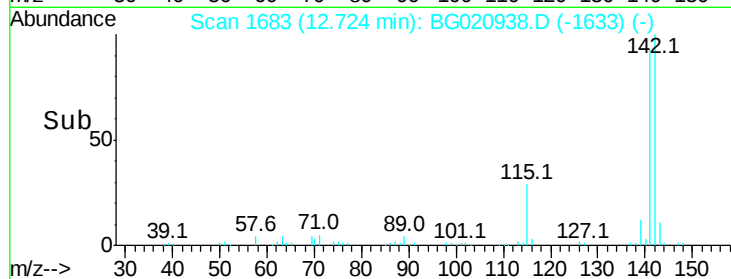
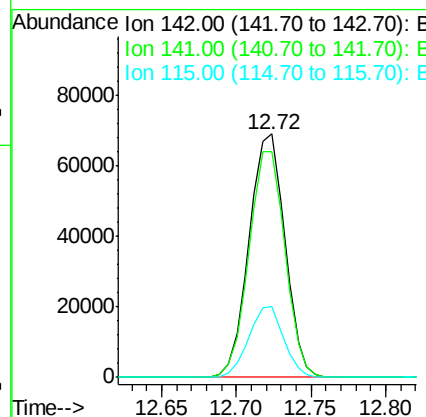
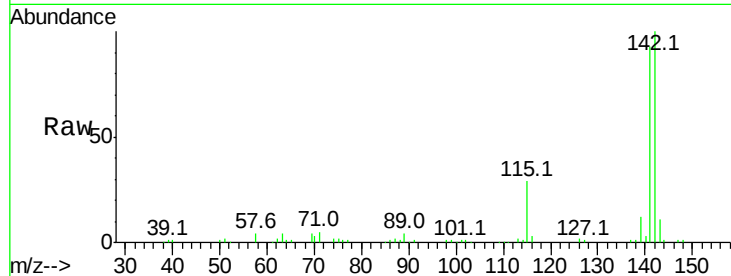




#37
 2-Methylnaphthalene
 Concen: 39.24 ng
 RT: 12.72 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

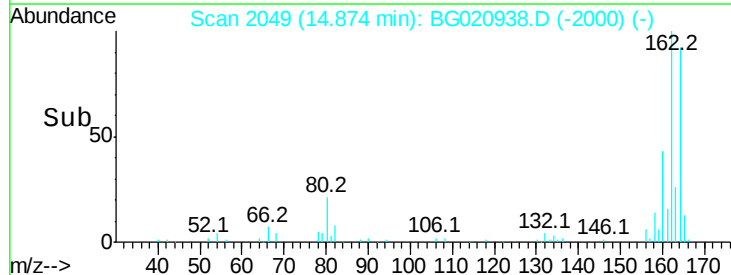
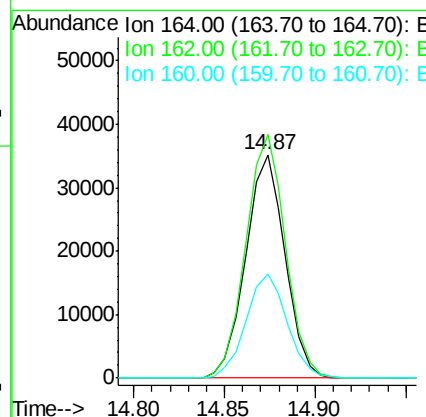
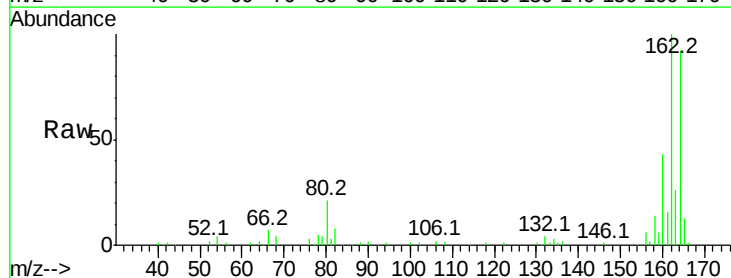
Instrument :
 BNA_G
 ClientSampleId :

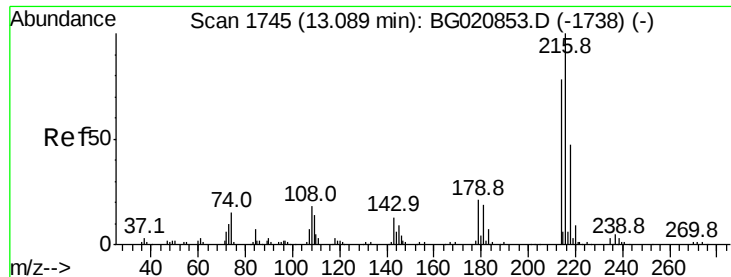
Tot Ion:142 Resp: 114600
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.4 110.2
 115 29.0 23.0 34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:164 Resp: 53178
 Ion Ratio Lower Upper
 164 100
 162 108.9 85.7 128.5
 160 46.5 37.4 56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.49 ng

RT: 13.08 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 47566

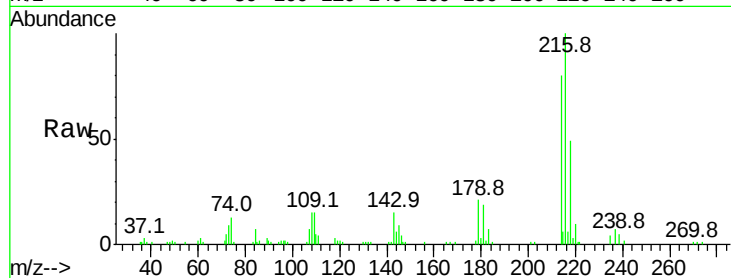
Ion Ratio Lower Upper

216 100

214 78.7 61.9 92.9

179 20.3 16.5 24.7

108 20.3 15.1 22.7

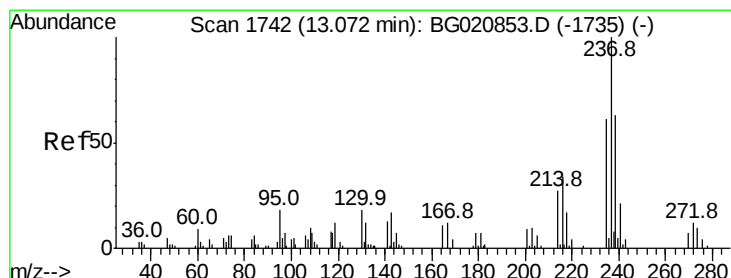
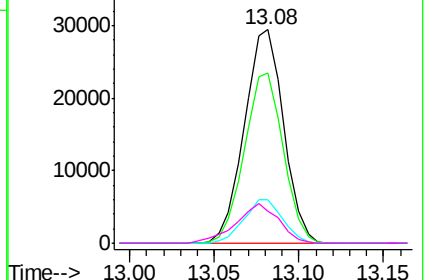
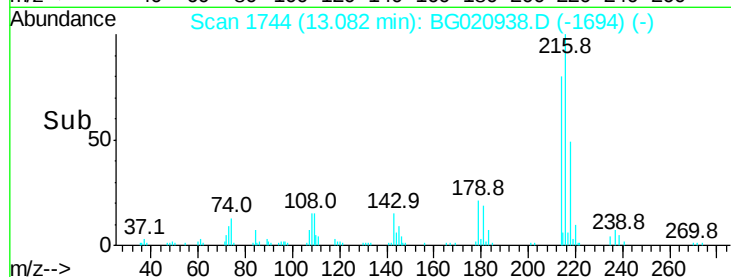


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.85 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

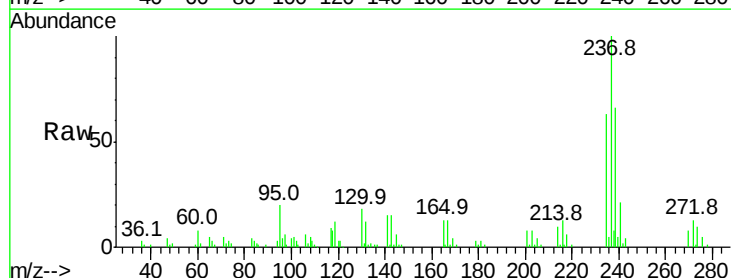
Tgt Ion:237 Resp: 50680

Ion Ratio Lower Upper

237 100

235 62.6 40.8 80.8

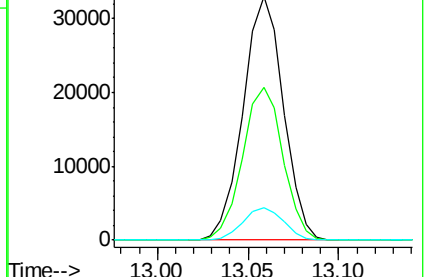
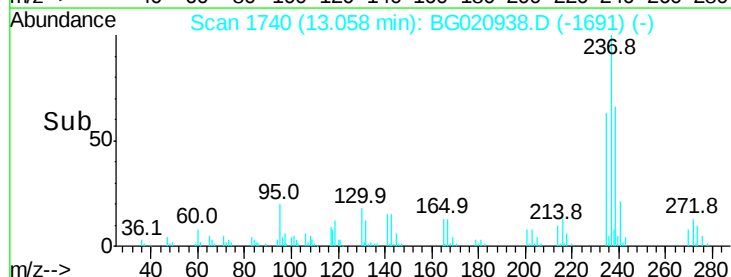
272 13.2 0.0 32.3

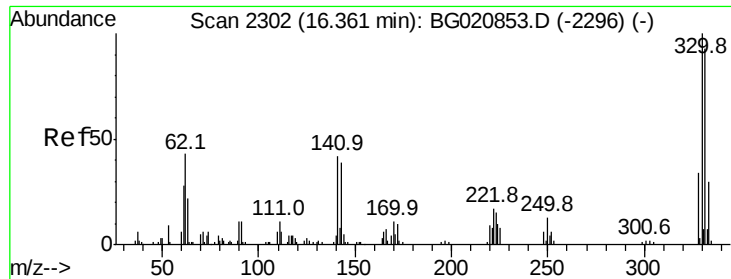


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

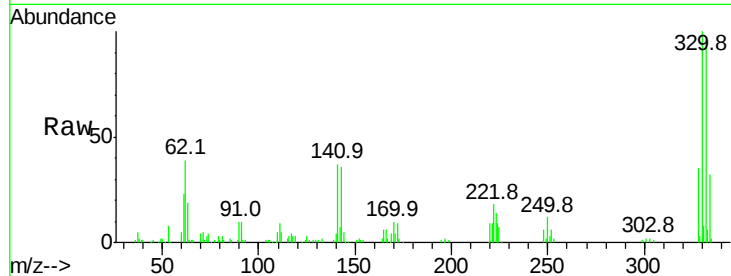




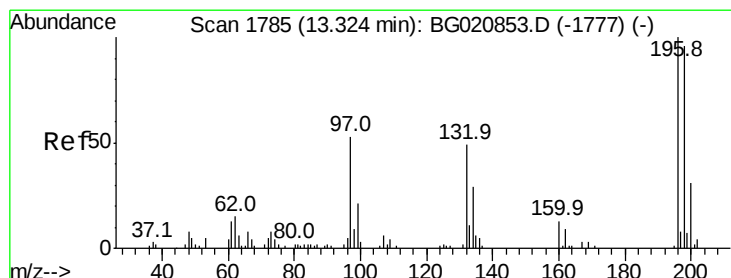
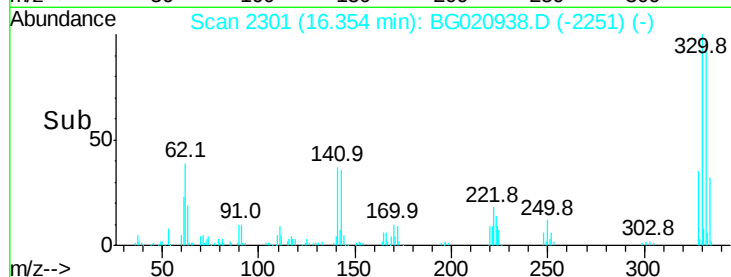
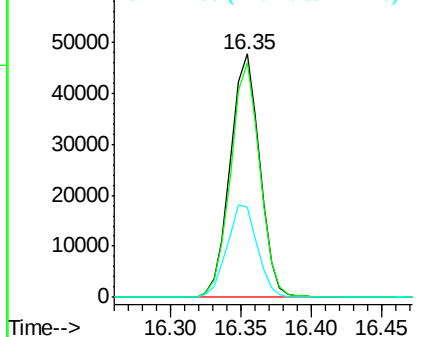
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 69310
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 39.0 32.0 48.0

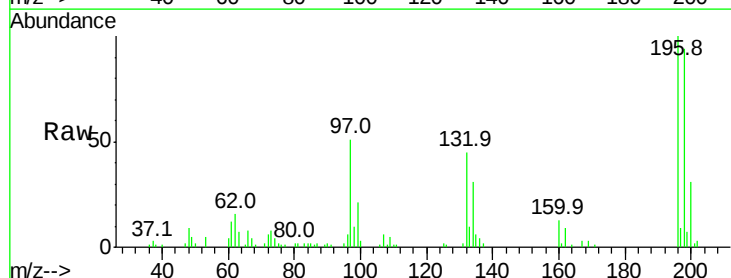


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

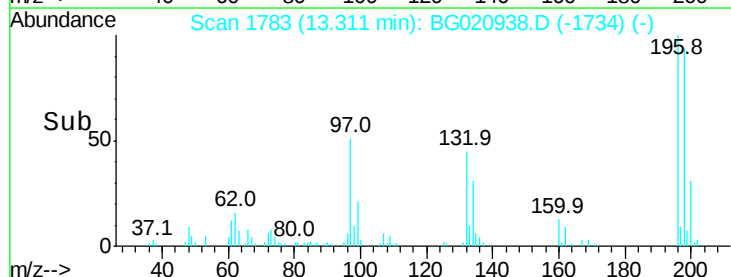
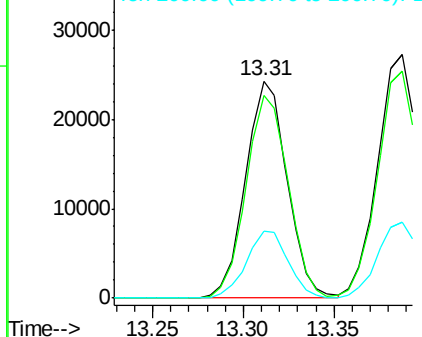


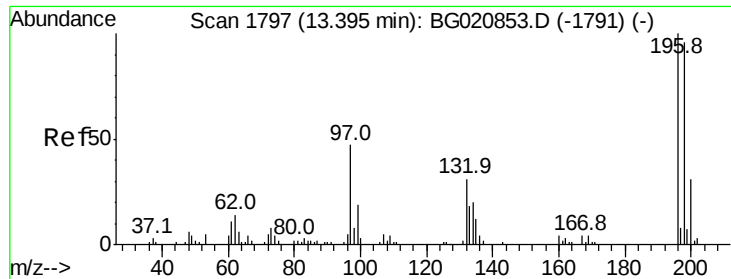
#42
 2,4,6-Trichlorophenol
 Concen: 36.96 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:196 Resp: 38733
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.1 115.7
 200 30.9 24.7 37.1



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

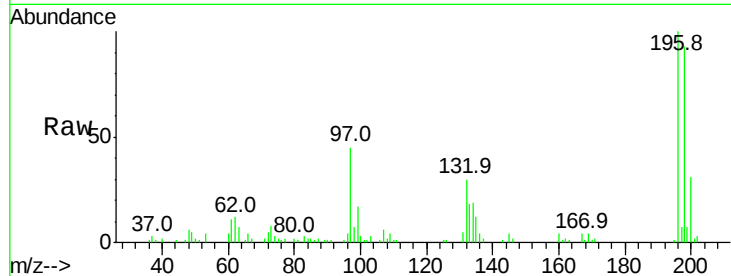




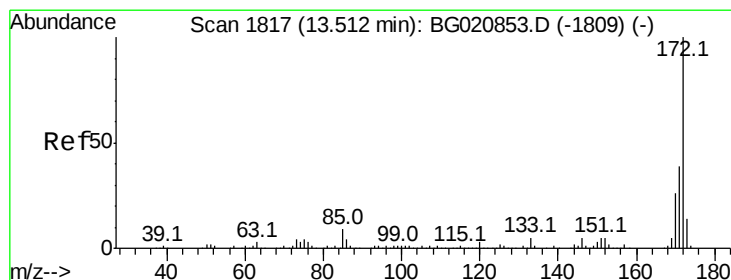
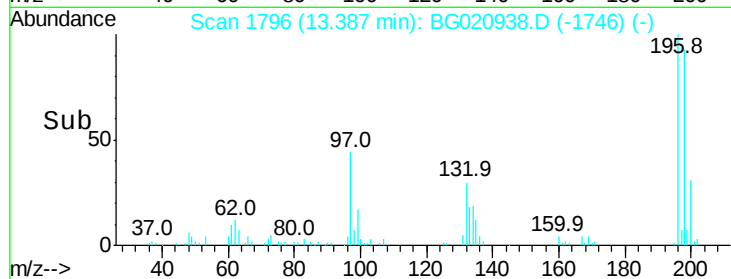
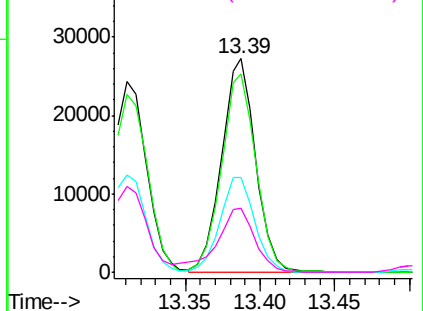
#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	43343
Ion	Ratio	Lower	Upper
196	100		
198	93.1	76.4	114.6
97	44.6	37.4	56.0
132	29.9	24.7	37.1

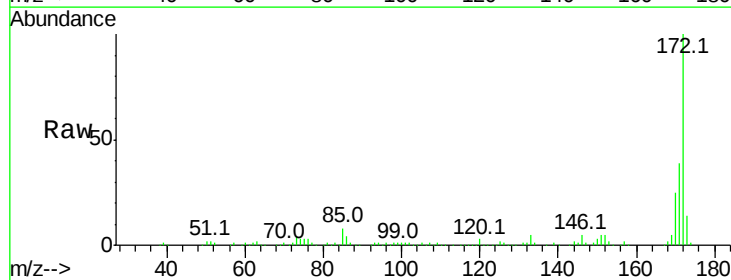


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

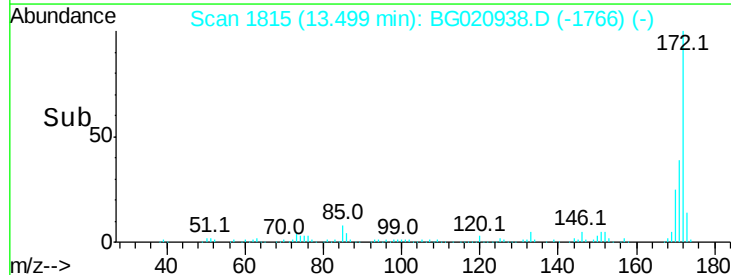
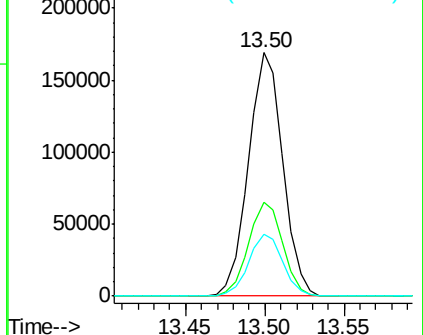


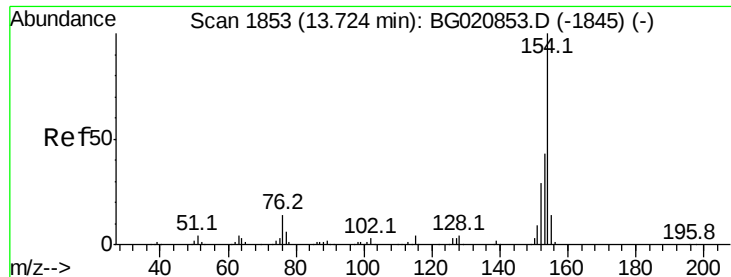
#44
 2-Fluorobiphenyl
 Concen: 67.00 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:	172	Resp:	253625
Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.2	46.8
170	25.2	20.6	30.8



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: 31.92 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

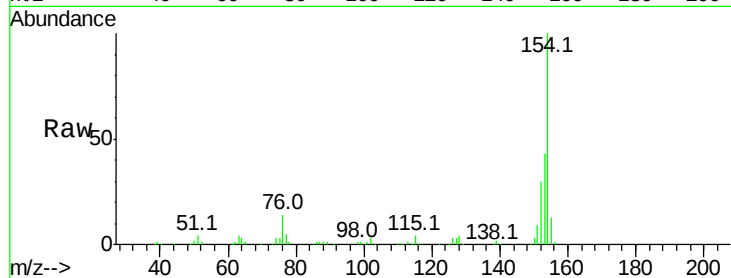
Tot Ion:154 Resp: 149757

Ion Ratio Lower Upper

154 100

153 42.6 22.5 62.5

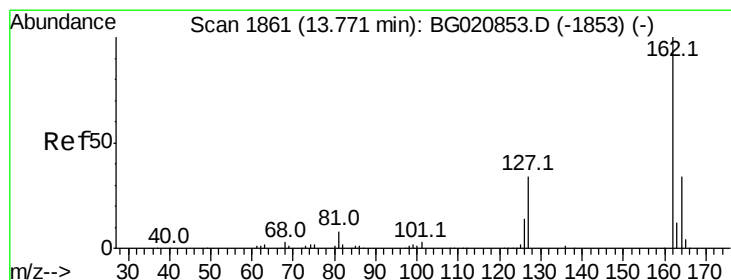
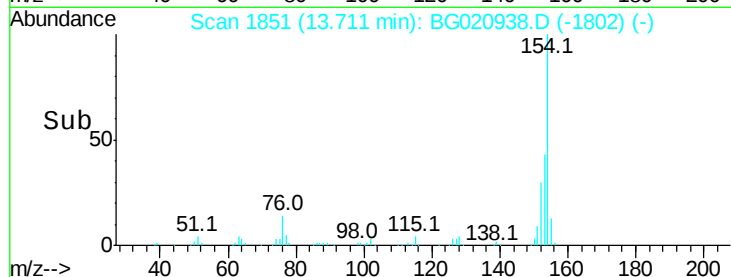
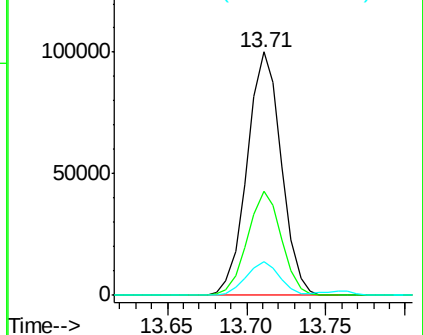
76 13.9 0.0 33.8



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): E



#46

2-Chloronaphthalene

Concen: 33.43 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

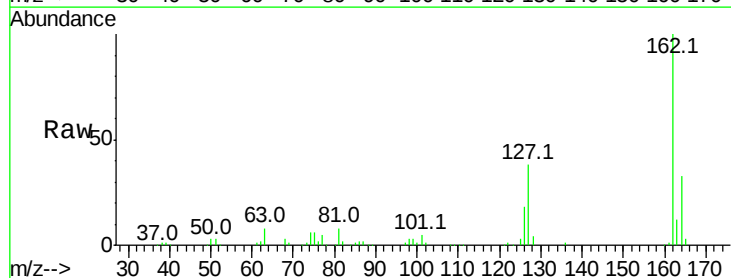
Tgt Ion:162 Resp: 112274

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

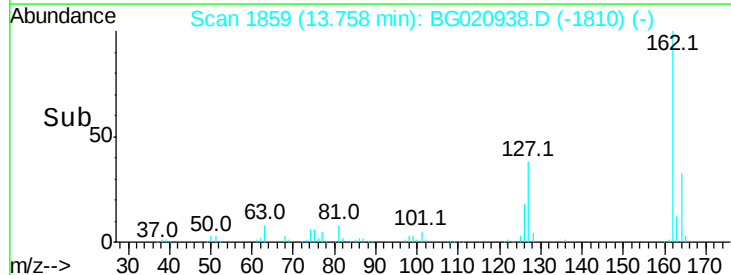
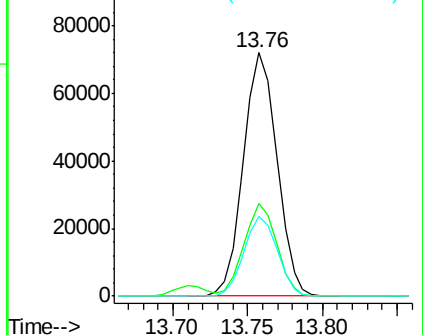
164 32.5 26.8 40.2

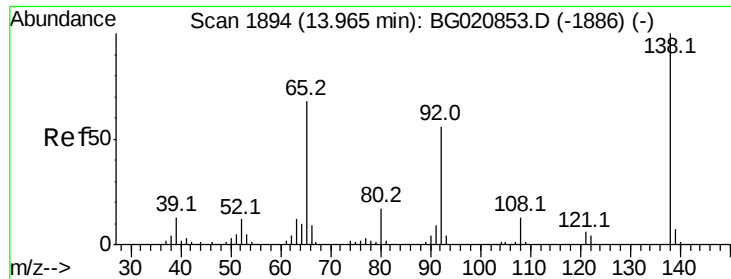


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

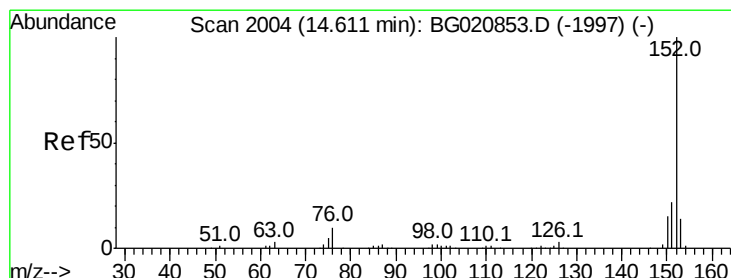
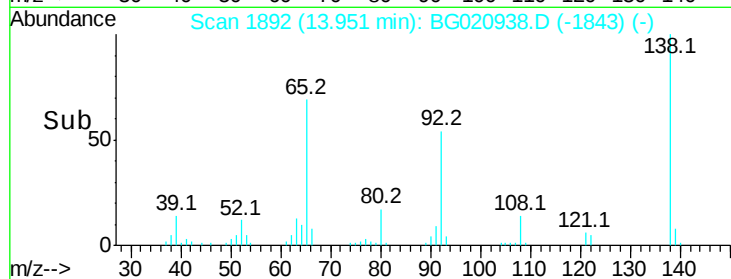
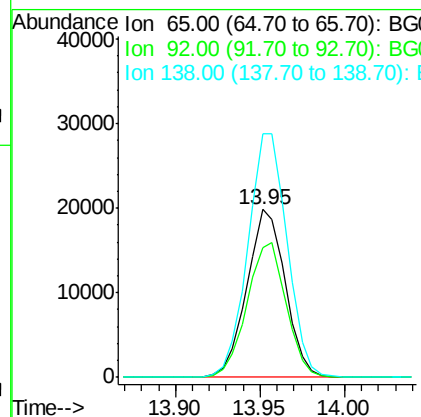
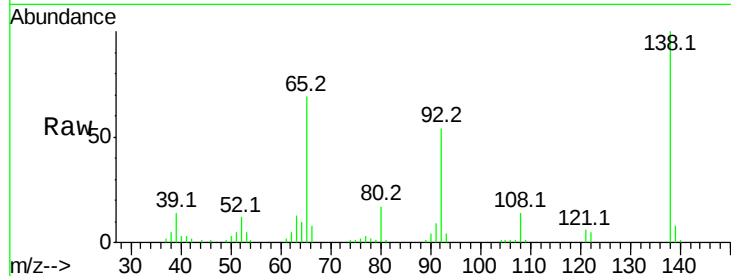




#47
2-Nitroaniline
Concen: 39.00 ng
RT: 13.95 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

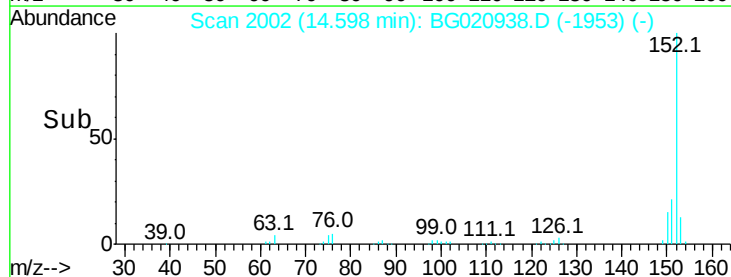
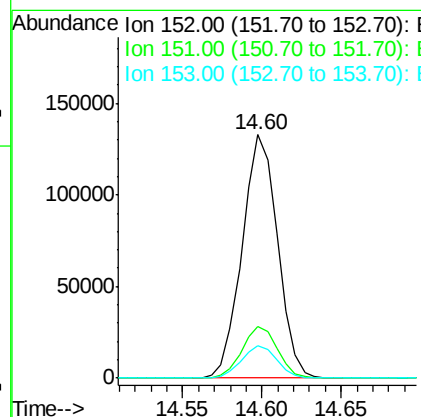
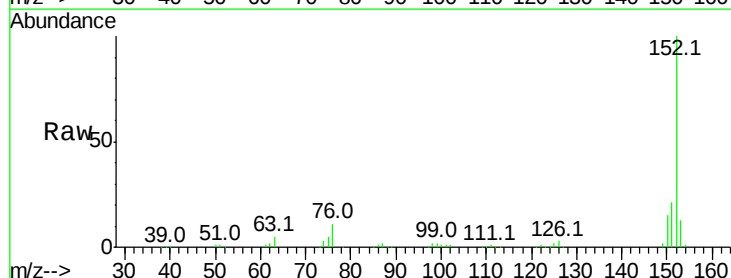
Instrument :
BNA_G
ClientSampled :

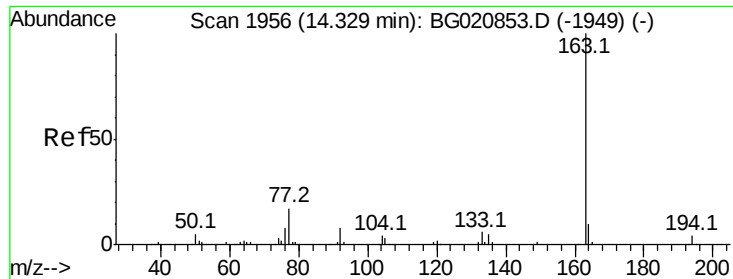
Tot Ion: 65 Resp: 31371
Ion Ratio Lower Upper
65 100
92 77.6 65.8 98.8
138 144.9 117.1 175.7



#48
Acenaphthylene
Concen: 35.32 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:152 Resp: 206293
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 38.18 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

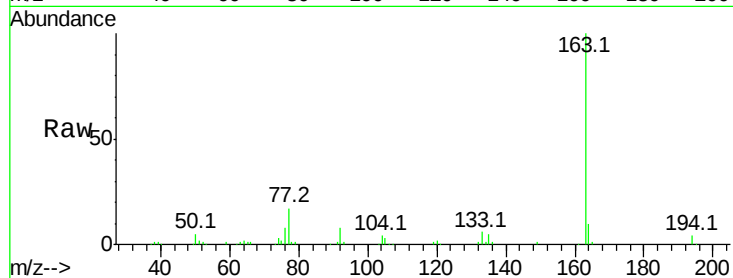
Tot Ion:163 Resp: 158744

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

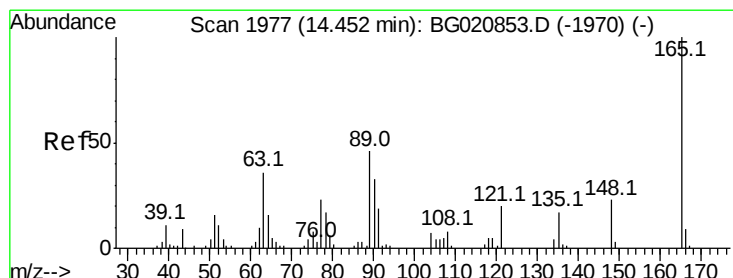
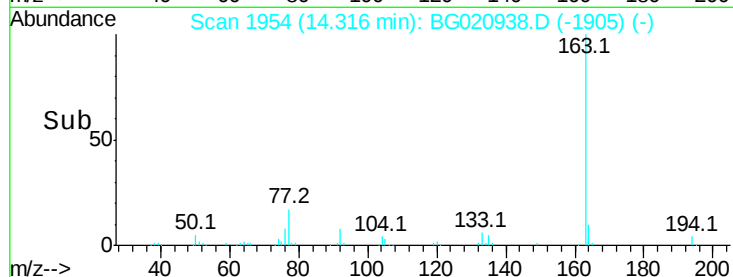
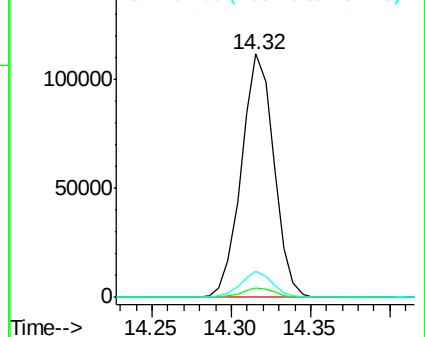
164 10.5 8.3 12.5



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: 39.58 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

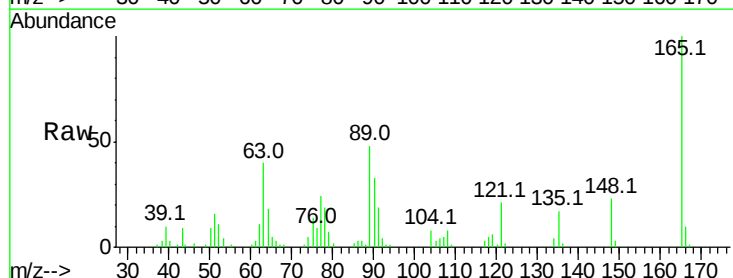
Tgt Ion:165 Resp: 35269

Ion Ratio Lower Upper

165 100

63 39.7 30.3 45.5

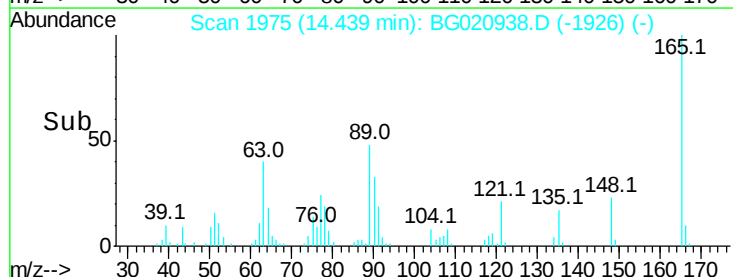
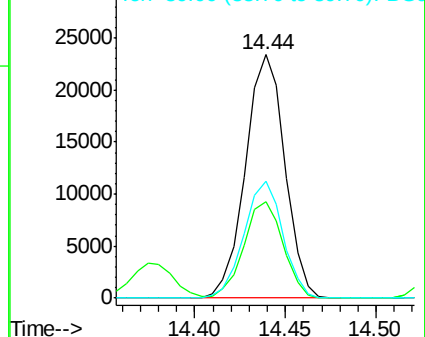
89 48.0 36.9 55.3

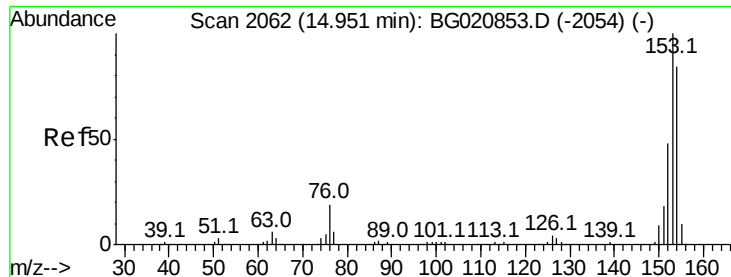


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.24 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

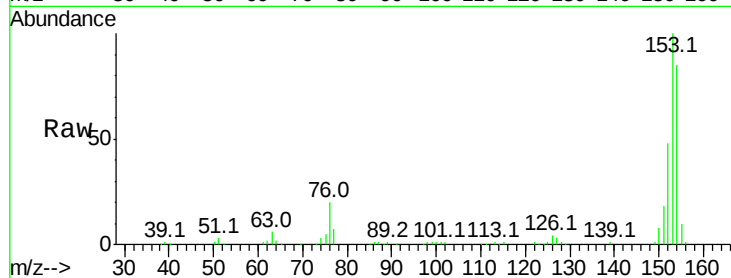
Tot Ion:154 Resp: 135414

Ion Ratio Lower Upper

154 100

153 117.0 95.4 143.0

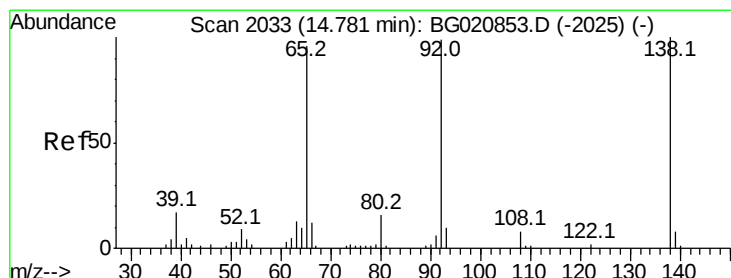
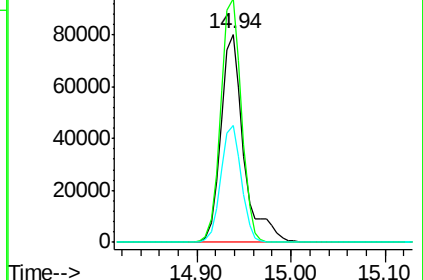
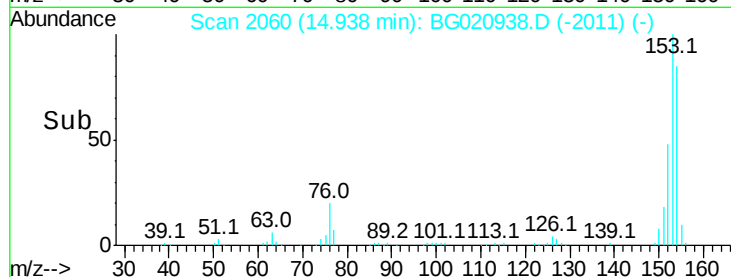
152 55.9 46.1 69.1



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: 14.70 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

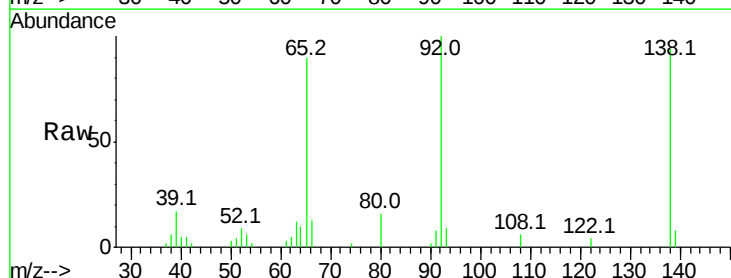
Tgt Ion:138 Resp: 15222

Ion Ratio Lower Upper

138 100

108 6.3 6.2 9.2

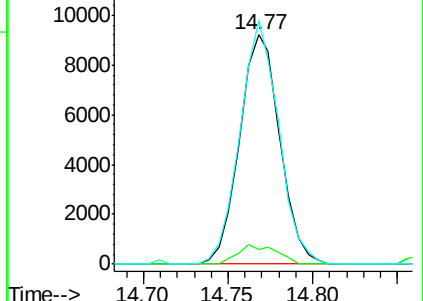
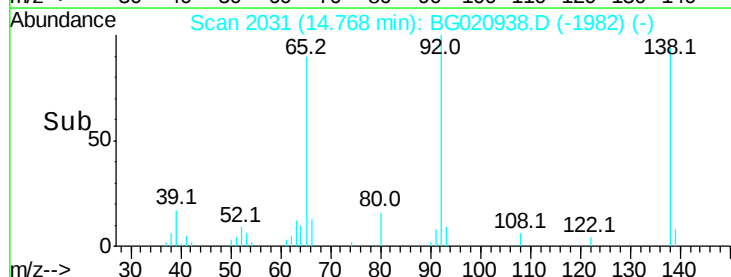
92 106.3 79.5 119.3

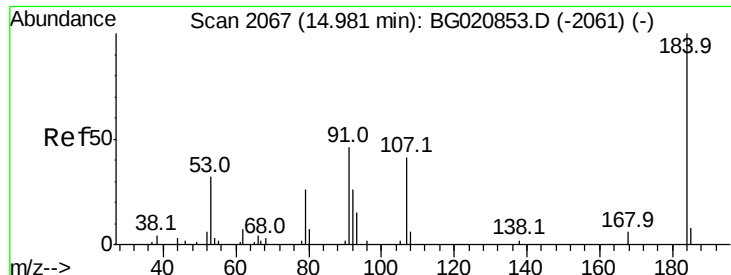


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

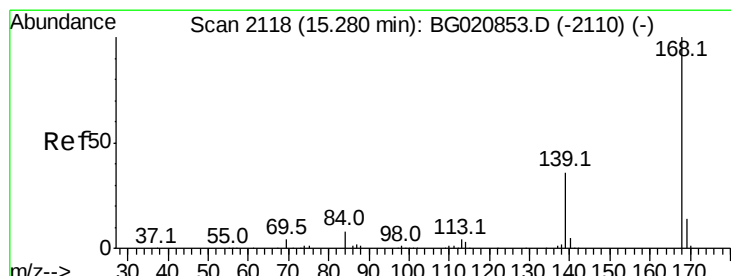
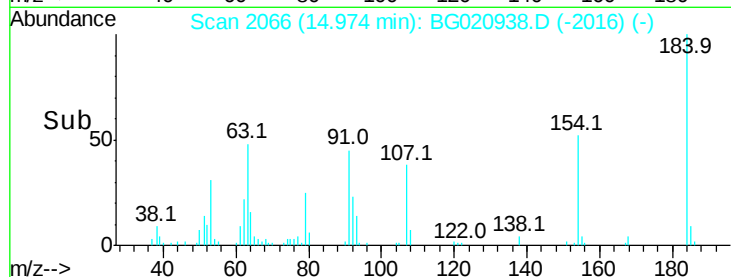
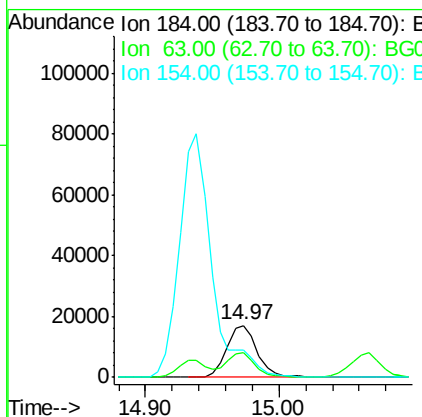
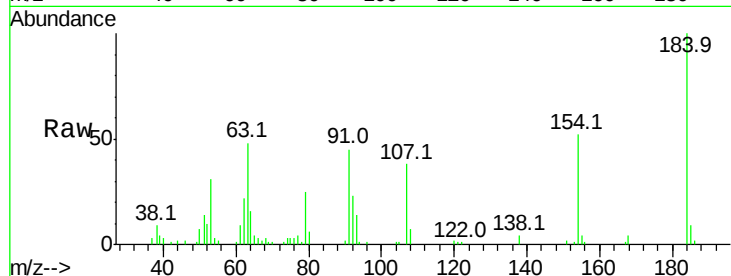




#53
 2,4-Dinitrophenol
 Concen: 73.61 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

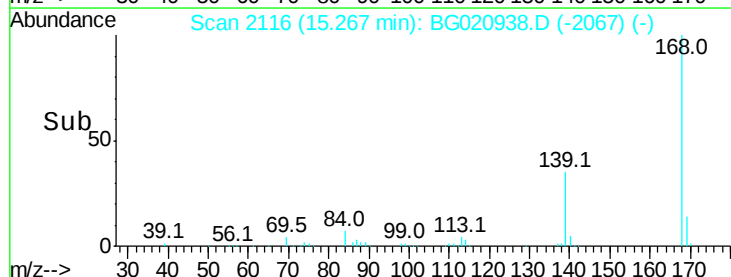
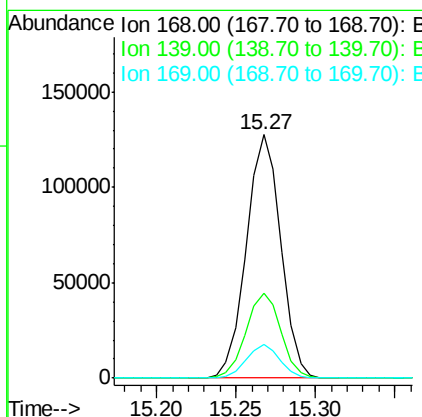
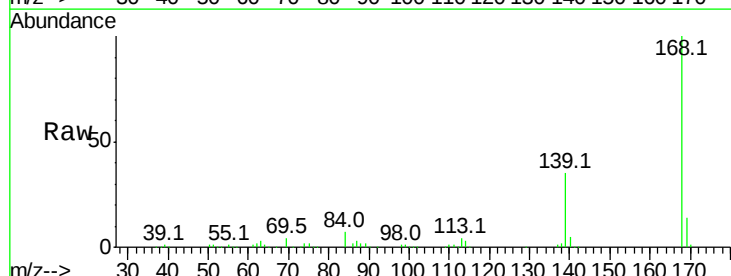
Instrument :
 BNA_G
 ClientSampled :

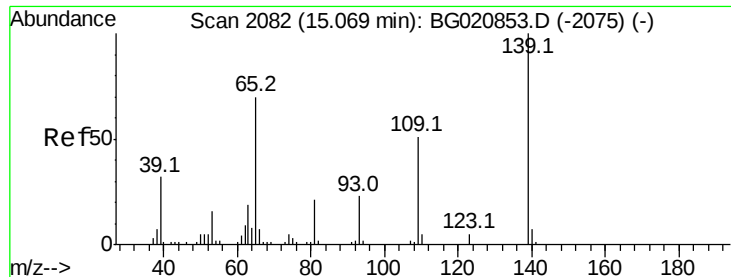
Tot Ion:184 Resp: 27530
 Ion Ratio Lower Upper
 184 100
 63 47.7 39.8 59.6
 154 51.9 48.1 72.1



#54
 Dibenzofuran
 Concen: 41.02 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:168 Resp: 192127
 Ion Ratio Lower Upper
 168 100
 139 34.9 28.5 42.7
 169 13.6 11.0 16.4

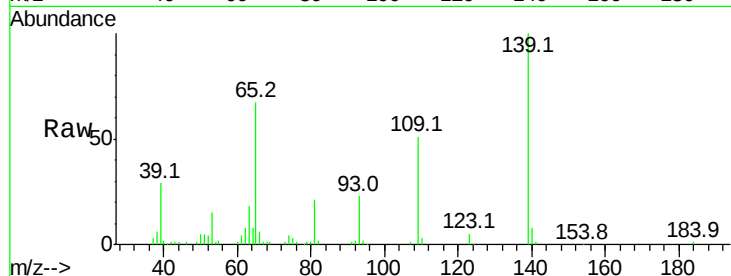




#55
4-Nitrophenol
Concen: 87.39 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	50.8	31.0	71.0
65	67.0	49.6	89.6

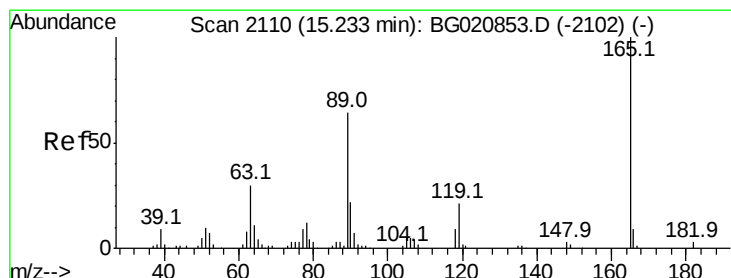
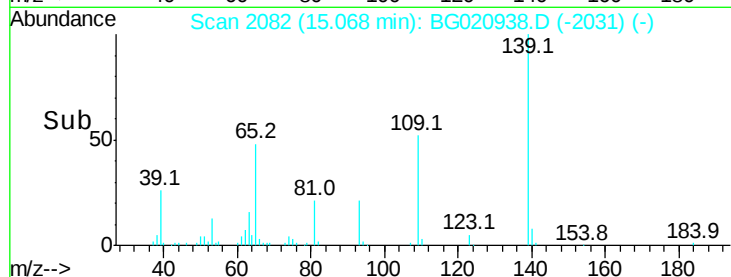
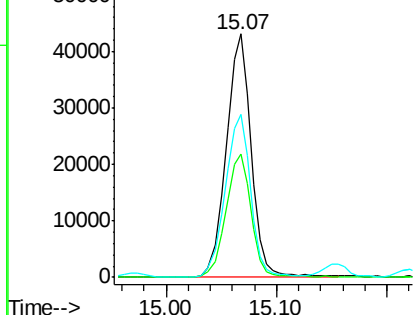


Abundance

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): BGC



#56
2,4-Dinitrotoluene
Concen: 43.95 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.6	23.7	35.5
89	62.4	50.9	76.3
182	2.5	2.2	3.2

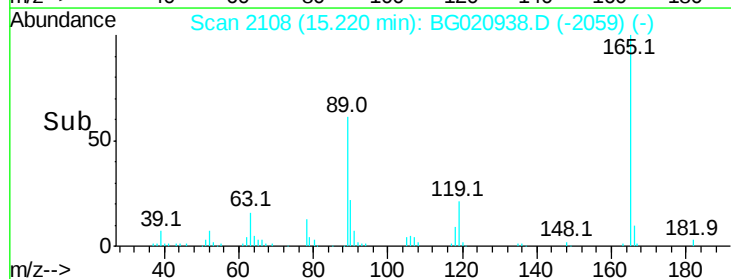
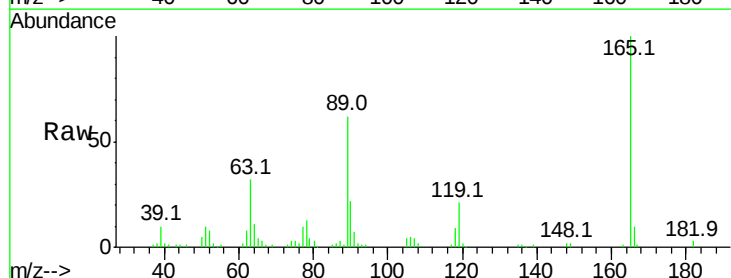
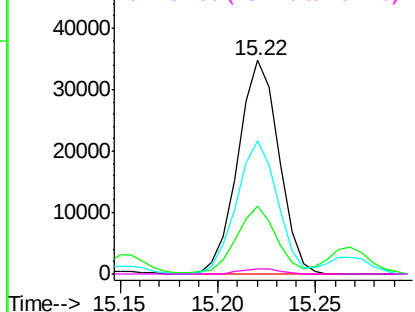
Abundance

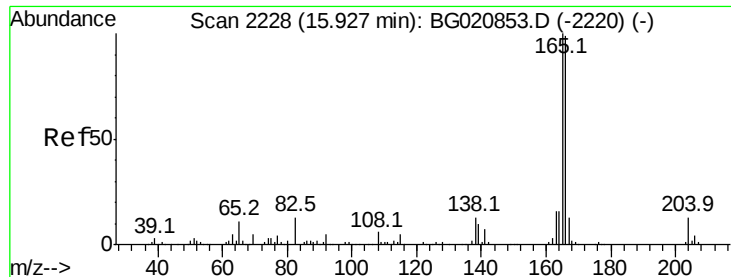
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.79 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

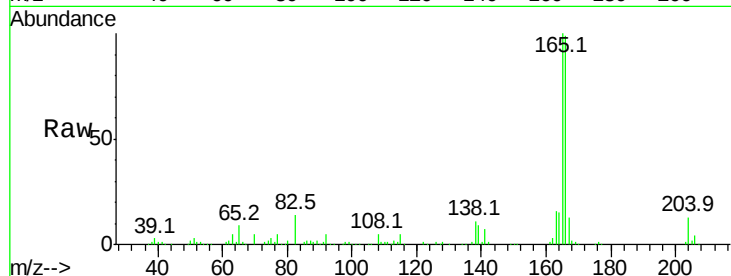
Tot Ion:166 Resp: 167294

Ion Ratio Lower Upper

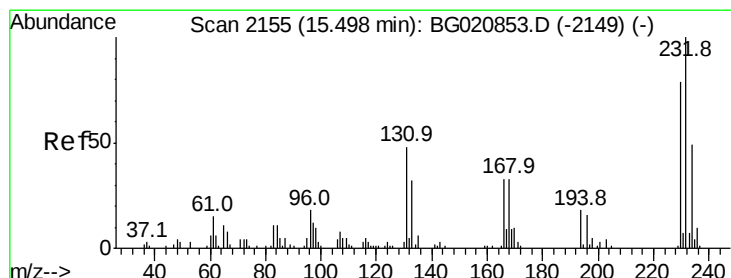
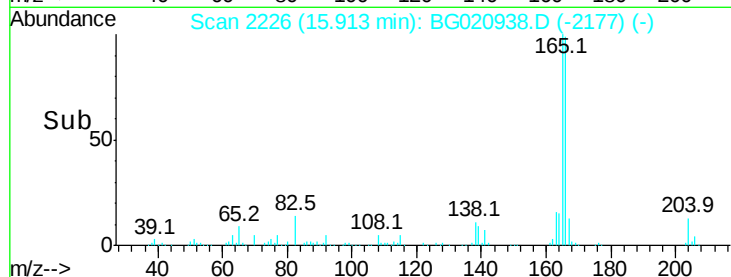
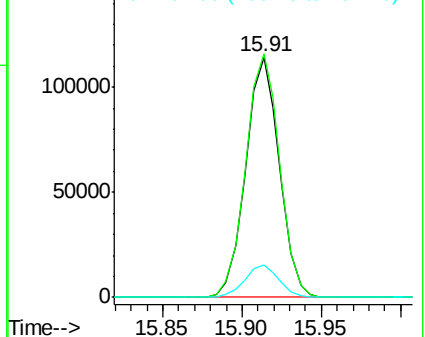
166 100

165 101.5 81.0 121.4

167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.44 ng

RT: 15.48 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:232 Resp: 38151

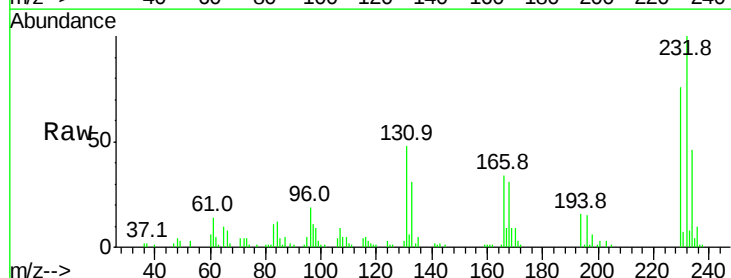
Ion Ratio Lower Upper

232 100

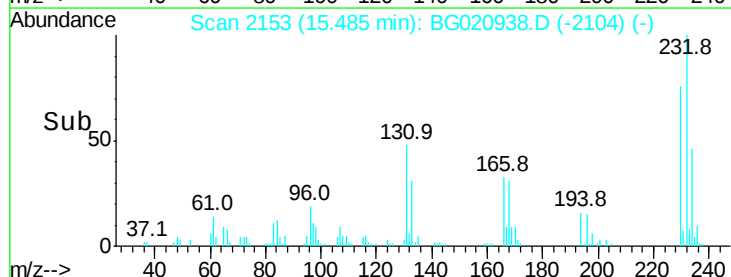
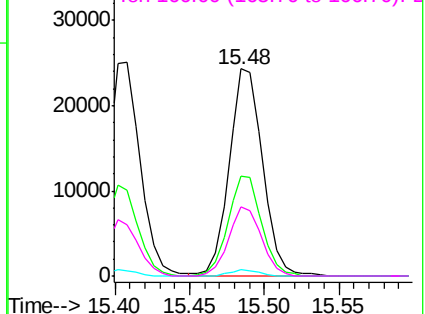
131 48.2 39.2 58.8

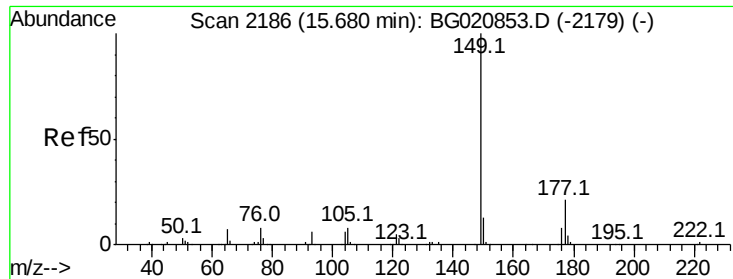
130 2.5 2.0 3.0

166 32.6 25.8 38.8



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

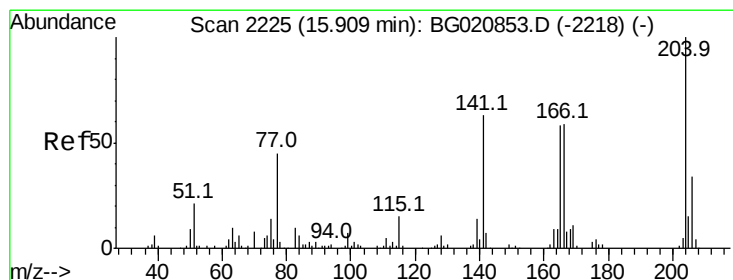
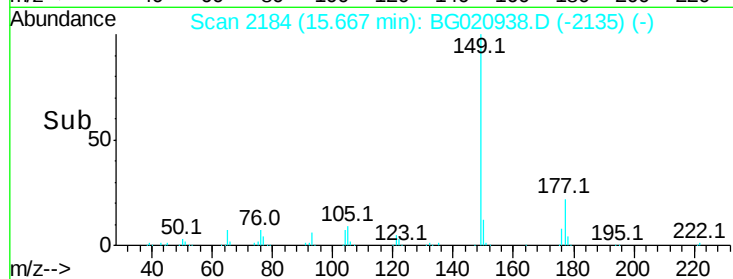
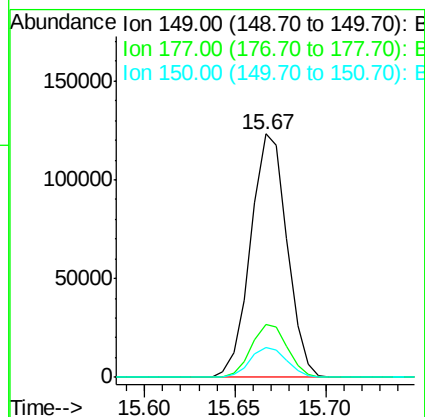
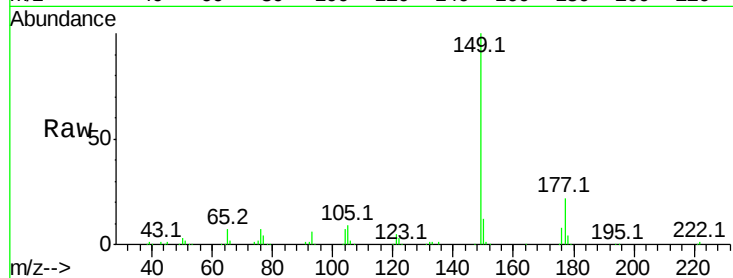




#59
Diethylphthalate
Concen: 40.24 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

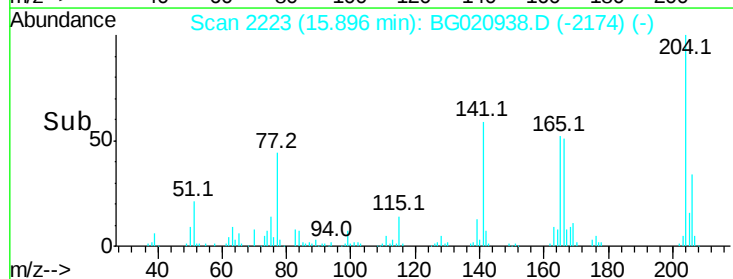
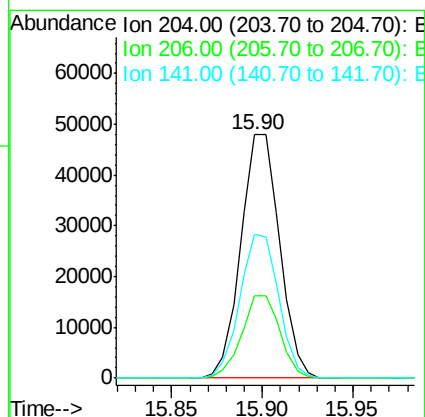
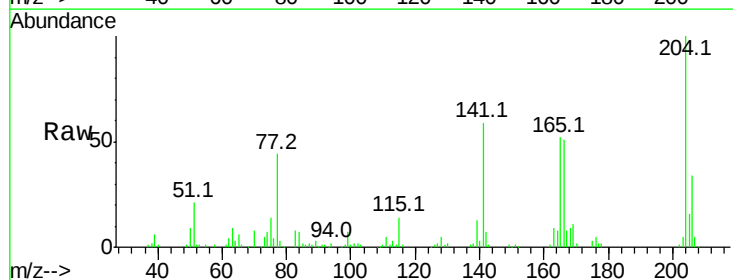
Instrument :
BNA_G
ClientSampleId :

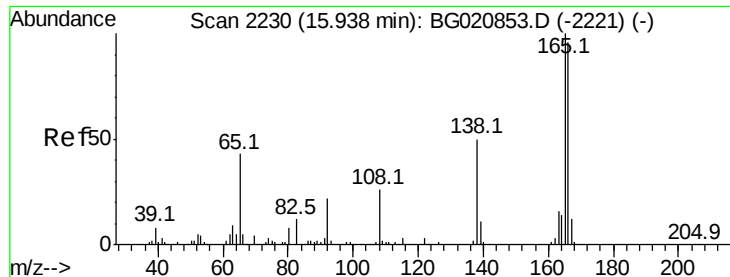
Tot Ion:149 Resp: 171997
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.22 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:204 Resp: 71301
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 58.8 50.3 75.5

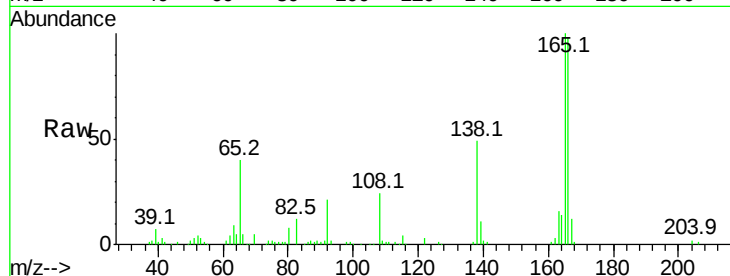




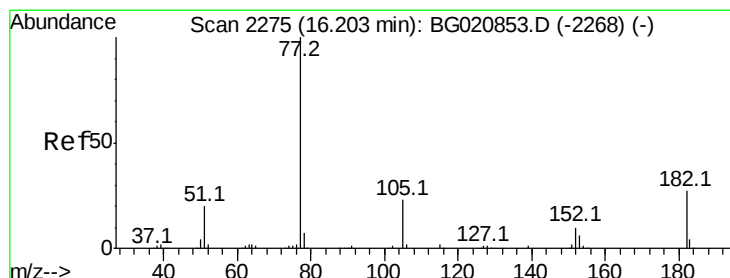
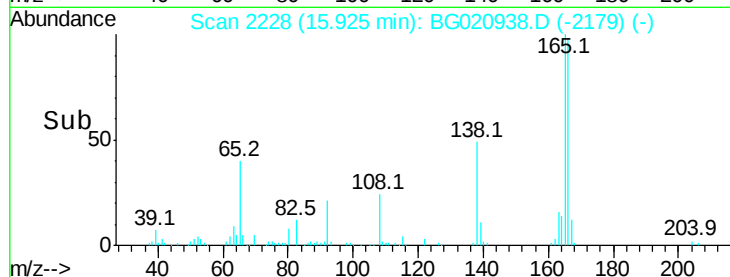
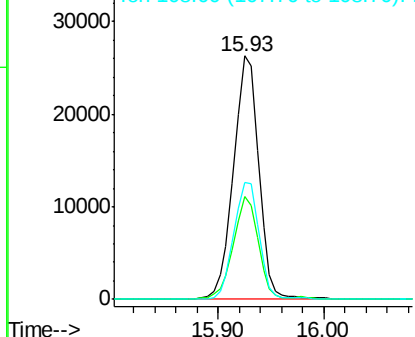
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 43392
Ion Ratio Lower Upper
138 100
92 42.2 24.1 64.1
108 48.1 32.4 72.4

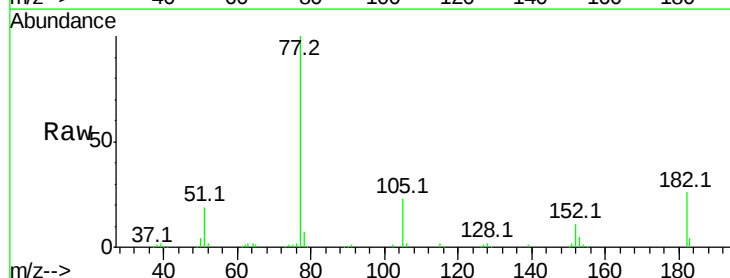


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

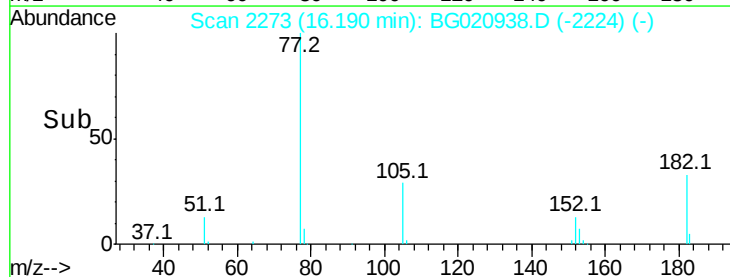
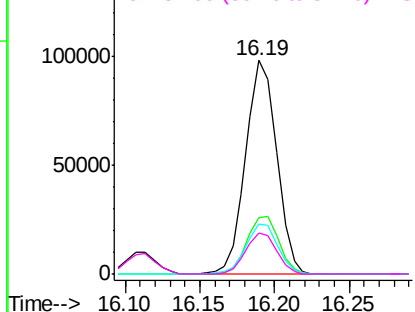


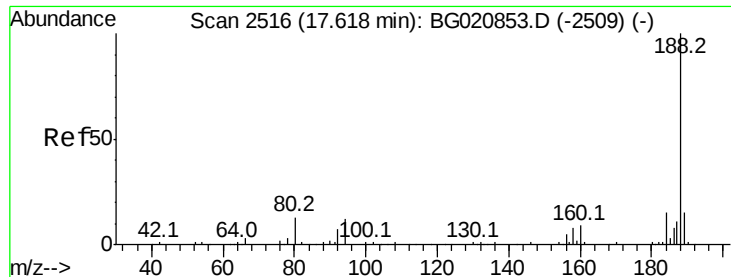
#62
Azobenzene
Concen: 42.05 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion: 77 Resp: 141336
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 23.3 3.4 43.4
51 19.5 0.0 39.9



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: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

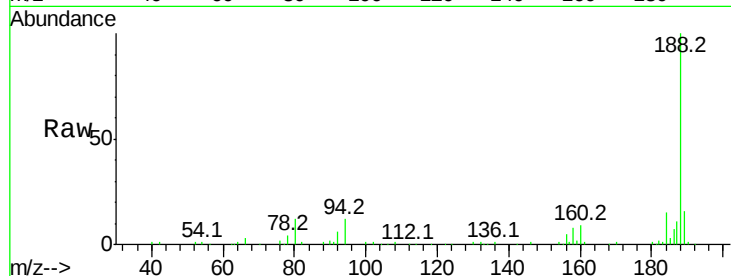
Tot Ion:188 Resp: 127231

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

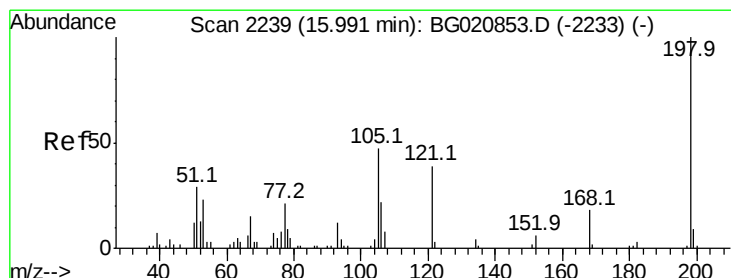
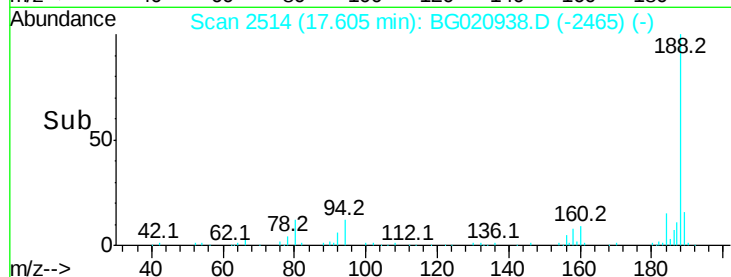
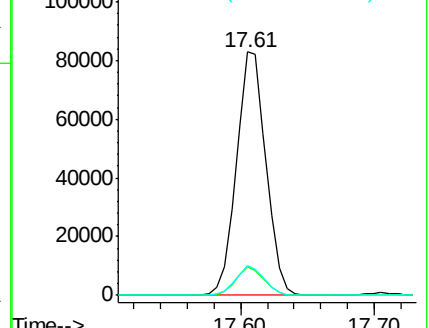
80 12.1 10.2 15.4



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: 35.61 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

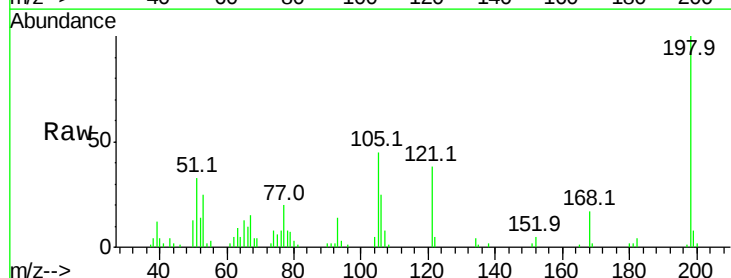
Tgt Ion:198 Resp: 21985

Ion Ratio Lower Upper

198 100

51 33.1 10.6 50.6

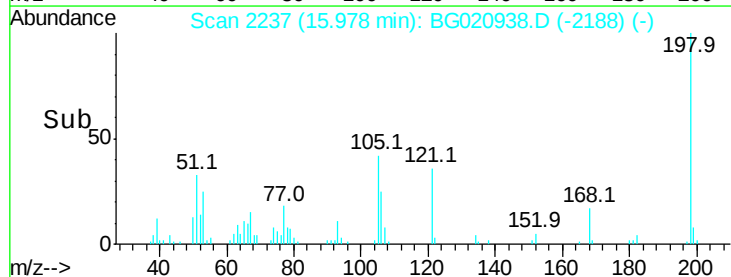
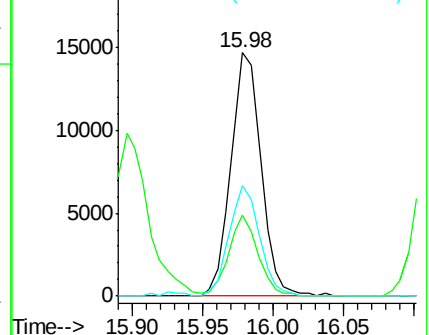
105 45.2 27.0 67.0

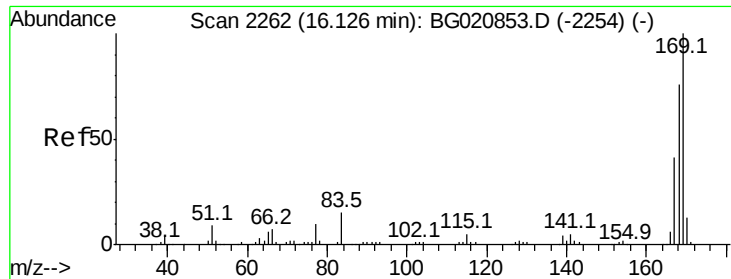


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

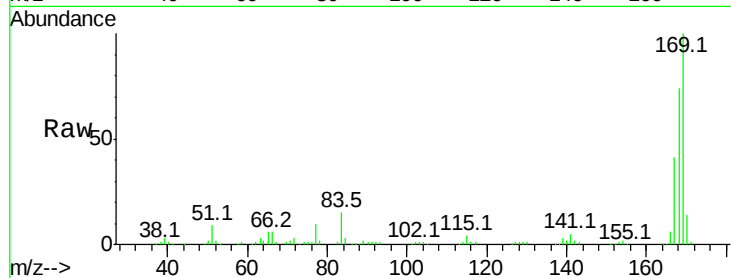




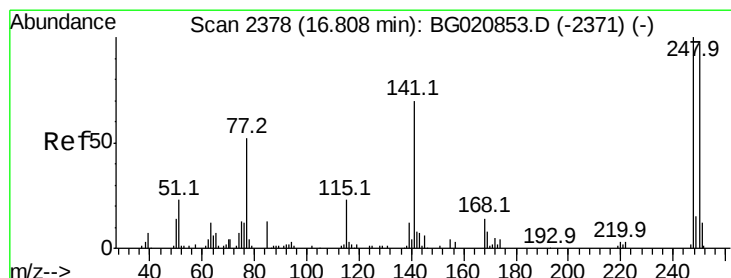
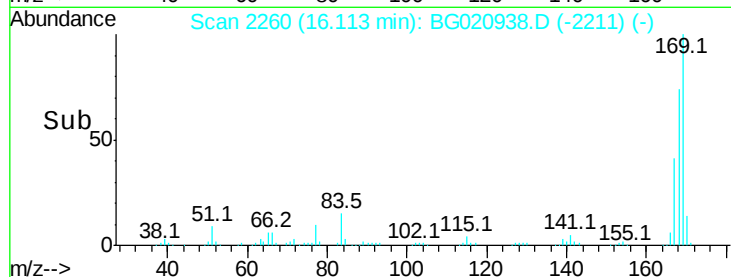
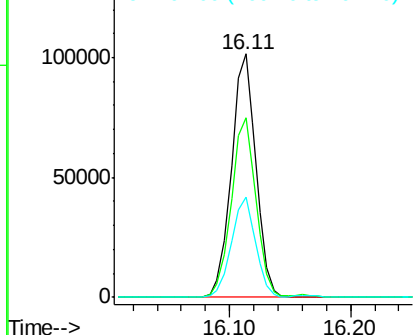
#65
 n-Nitrosodiphenylamine
 Concen: 34.77 ng
 RT: 16.11 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 142926
 Ion Ratio Lower Upper
 169 100
 168 73.8 60.7 91.1
 167 41.0 32.8 49.2

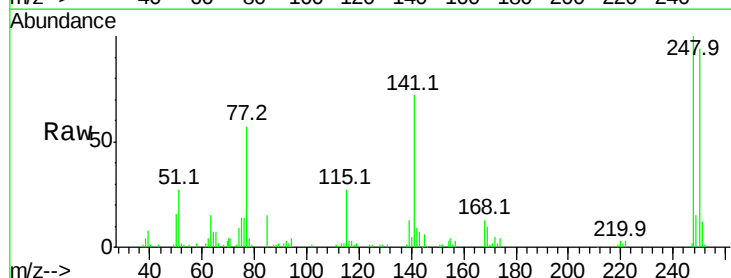


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

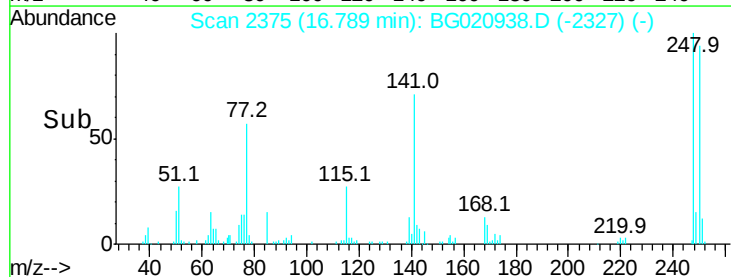
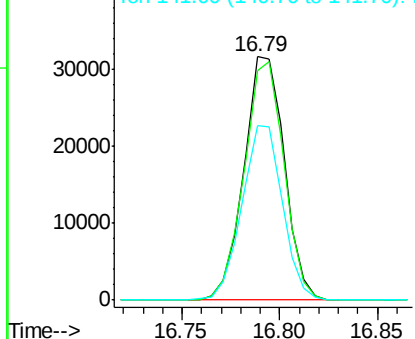


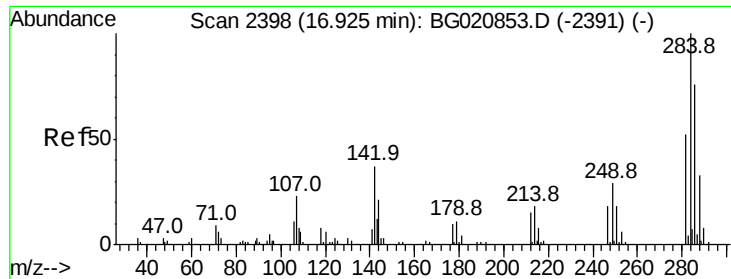
#66
 4-Bromophenyl-phenylether
 Concen: 33.84 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:248 Resp: 45473
 Ion Ratio Lower Upper
 248 100
 250 94.5 77.4 116.2
 141 71.7 55.7 83.5



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.78 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

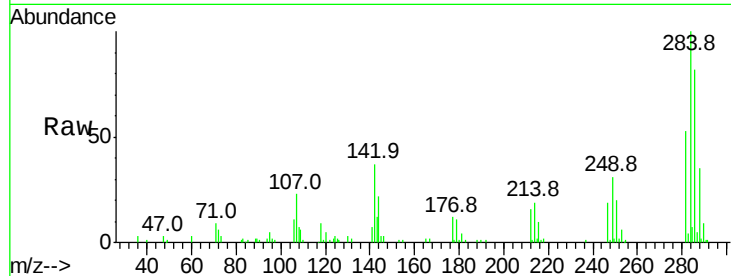
Tot Ion:284 Resp: 49733

Ion Ratio Lower Upper

284 100

142 37.2 29.9 44.9

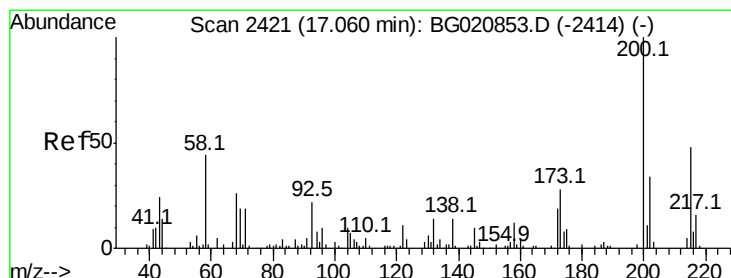
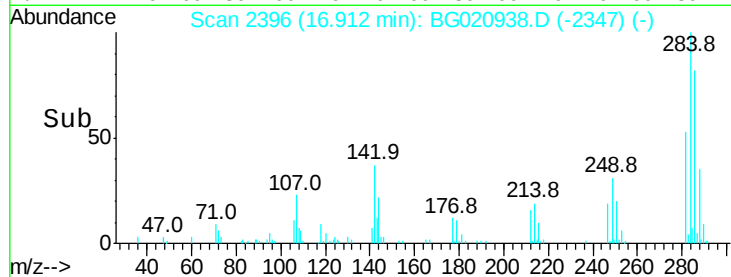
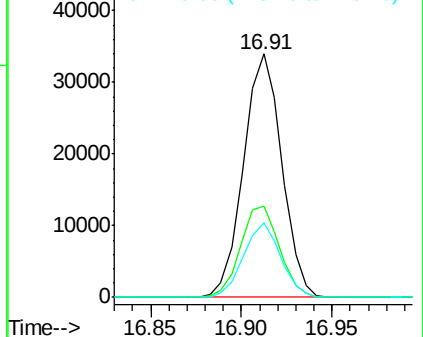
249 30.7 23.3 34.9



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: 37.34 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

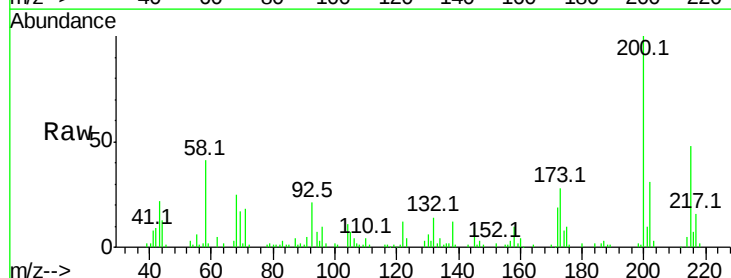
Tgt Ion:200 Resp: 46582

Ion Ratio Lower Upper

200 100

173 28.4 8.4 48.4

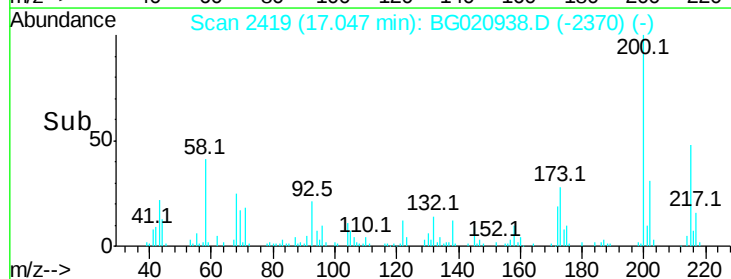
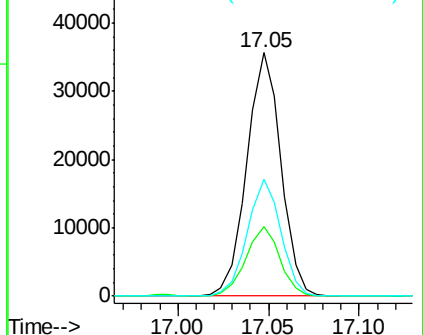
215 47.9 28.2 68.2

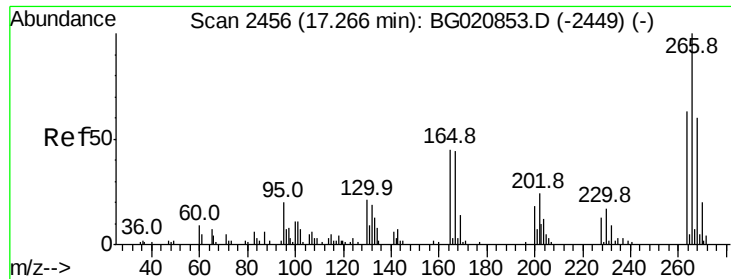


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

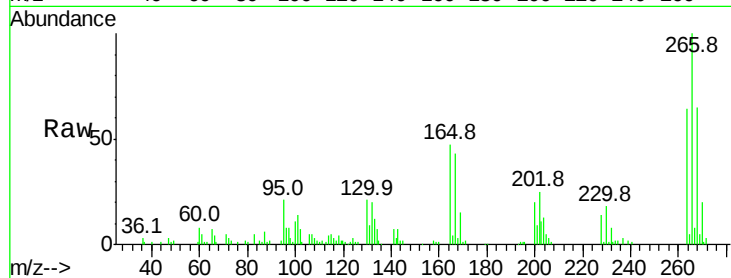




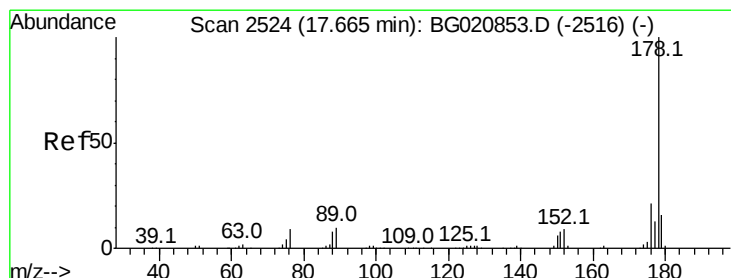
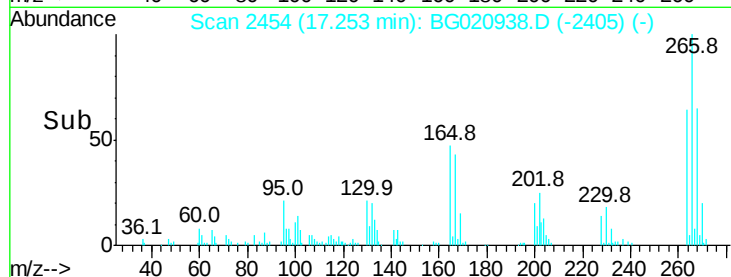
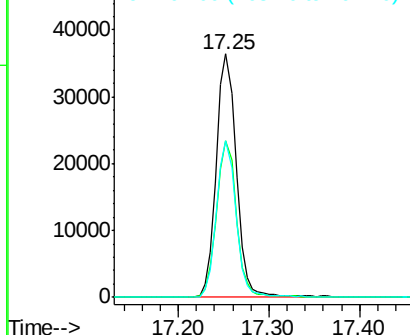
#69
 Pentachlorophenol
 Concen: 68.31 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	47.8	71.6
264	64.4	50.2	75.4

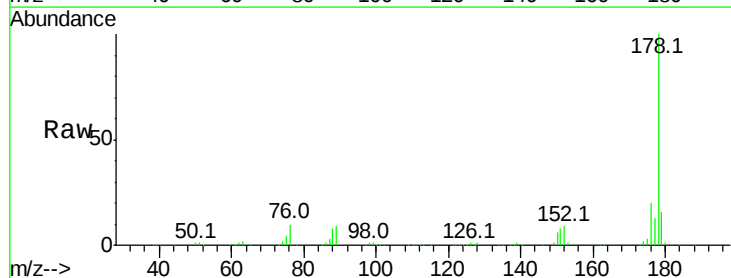


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

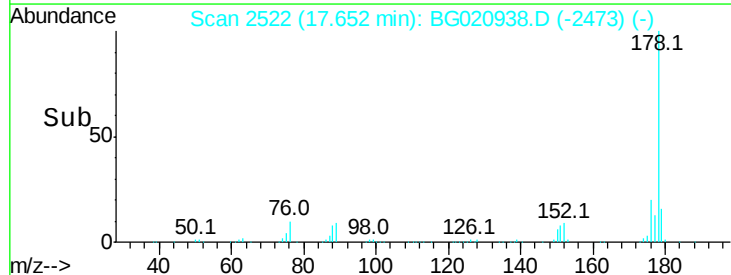
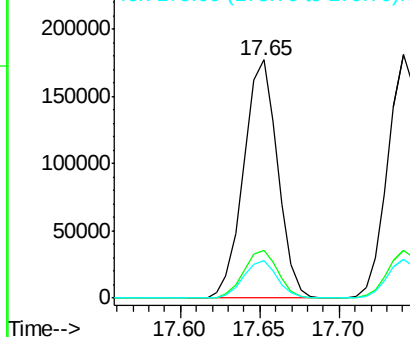


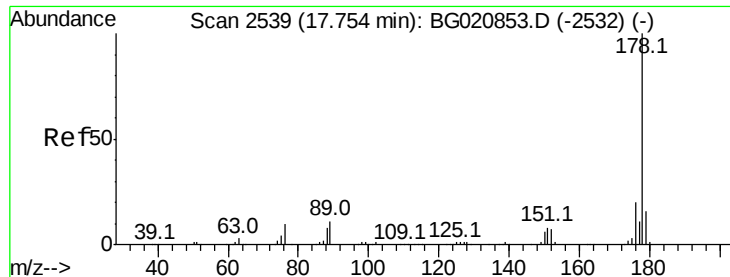
#70
 Phenanthrene
 Concen: 36.34 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	15.9	12.6	19.0



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

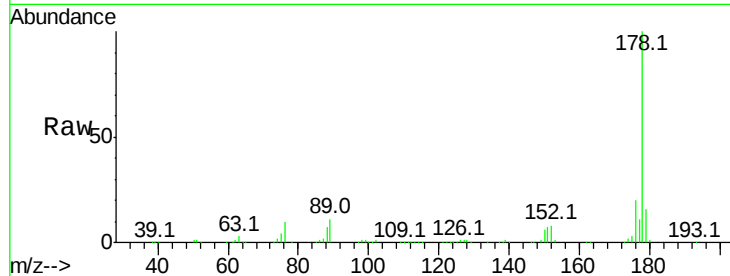




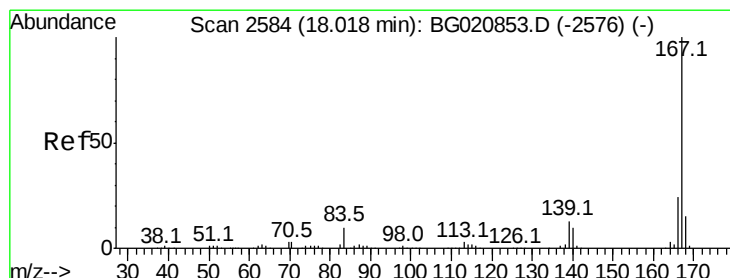
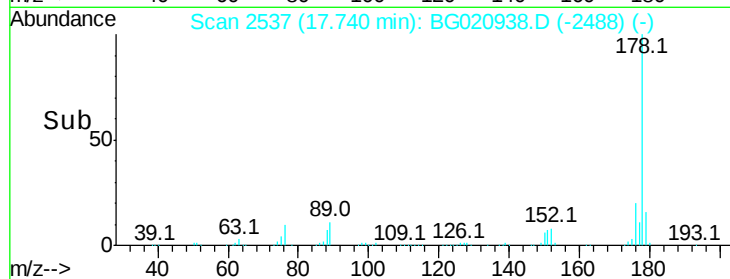
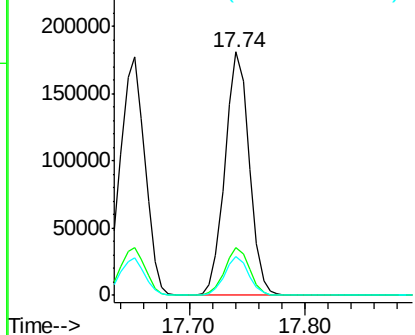
#71
 Anthracene
 Concen: 35.89 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:178 Resp: 263894
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 16.0 12.7 19.1

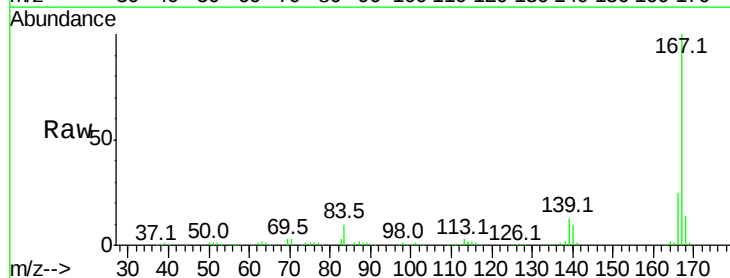


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

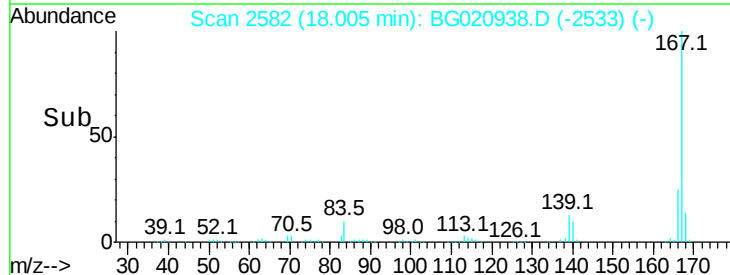
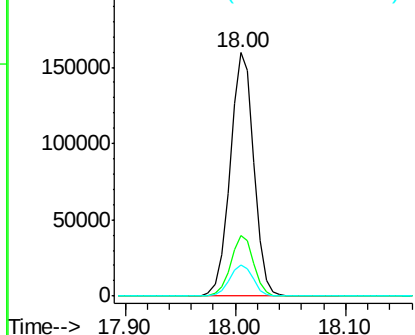


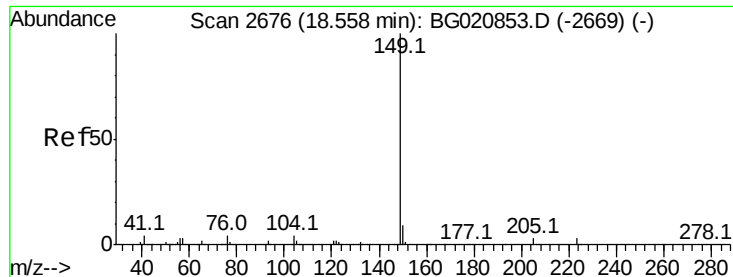
#72
 Carbazole
 Concen: 36.23 ng
 RT: 18.00 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:167 Resp: 239063
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.3 28.9
 139 12.9 10.2 15.4



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

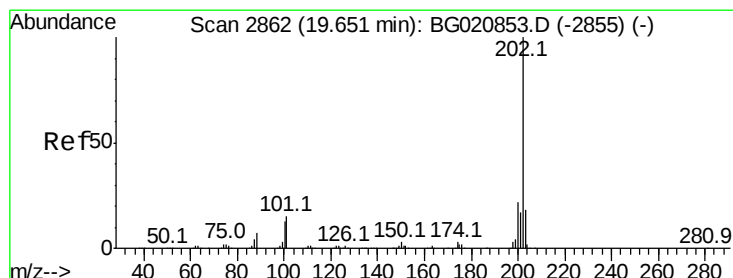
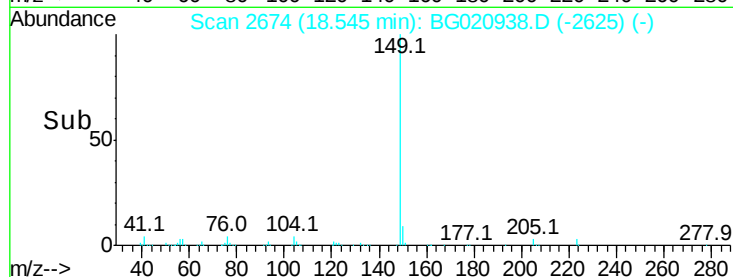
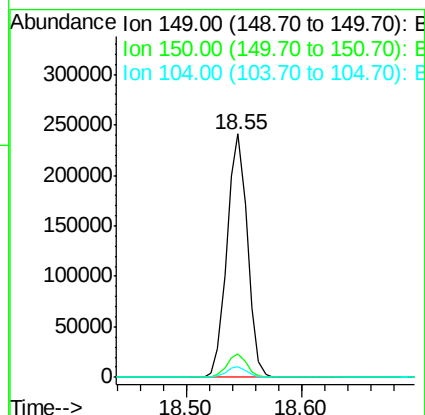
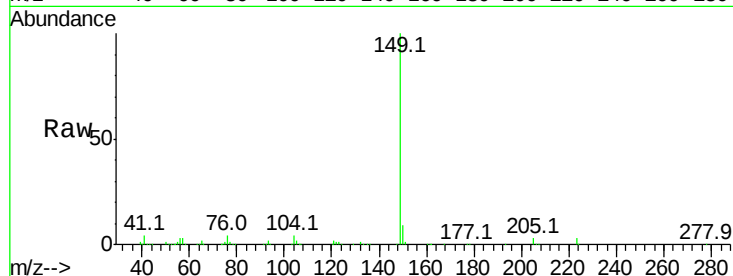




#73
Di-n-butylphthalate
Concen: 34.83 ng
RT: 18.55 min Scan# 2674
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

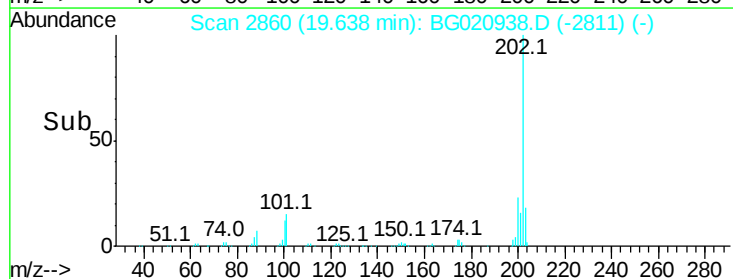
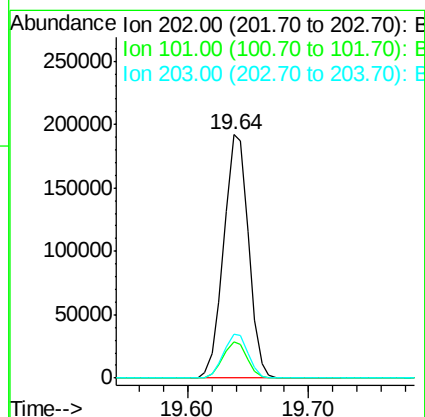
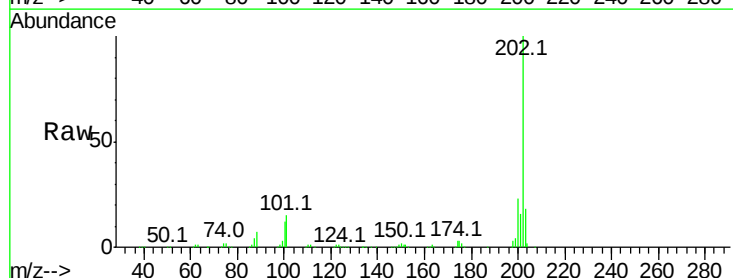
Instrument :
BNA_G
ClientSampleId :

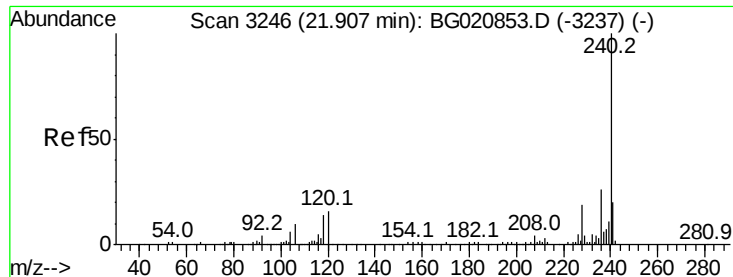
Tot Ion:149 Resp: 294709
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.2 3.4 5.0



#74
Fluoranthene
Concen: 34.86 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:202 Resp: 272781
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.0 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

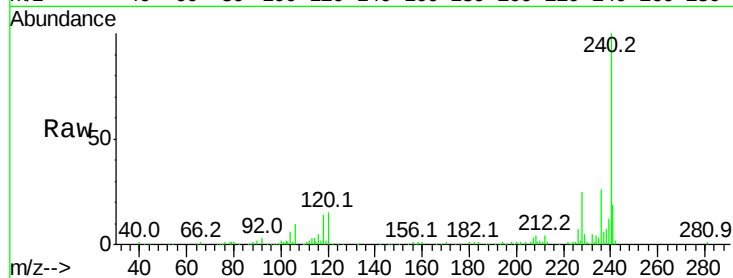
Tot Ion:240 Resp: 117812

Ion Ratio Lower Upper

240 100

120 14.8 13.0 19.4

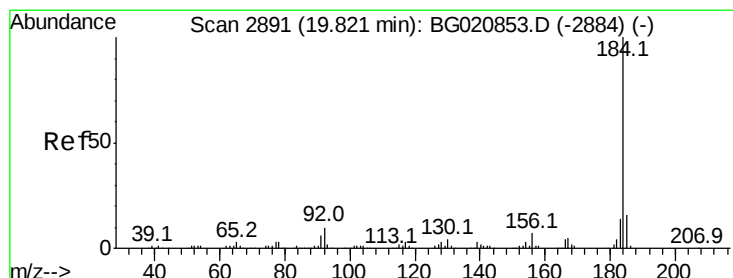
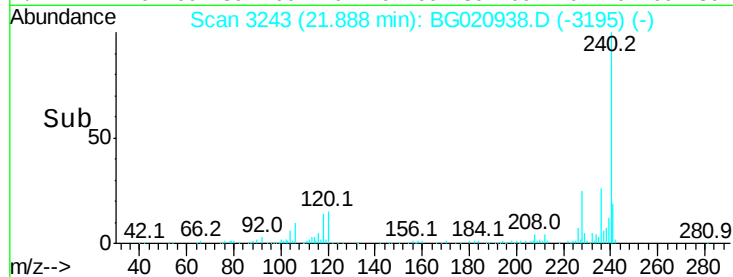
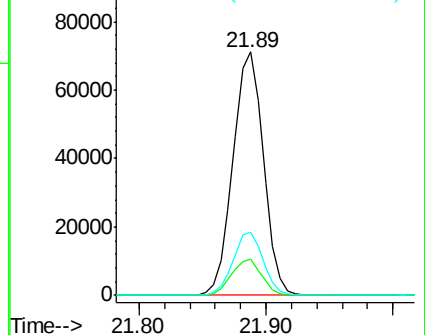
236 25.8 21.0 31.4



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: 12.10 ng

RT: 19.81 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

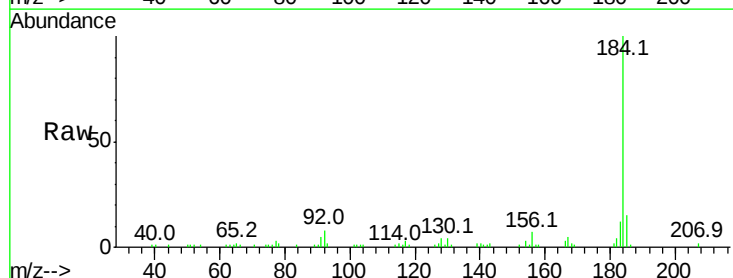
Tgt Ion:184 Resp: 46109

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

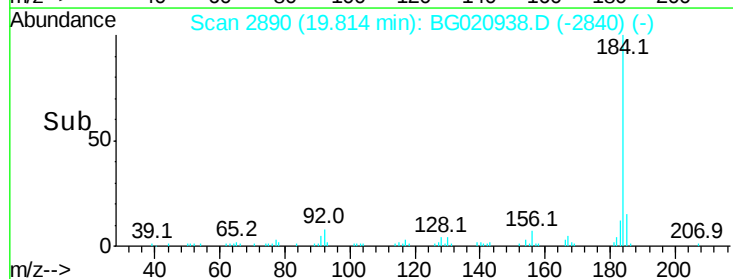
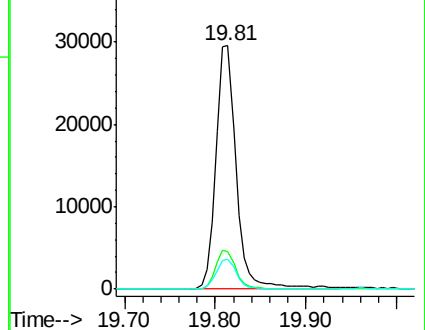
183 12.3 11.0 16.4

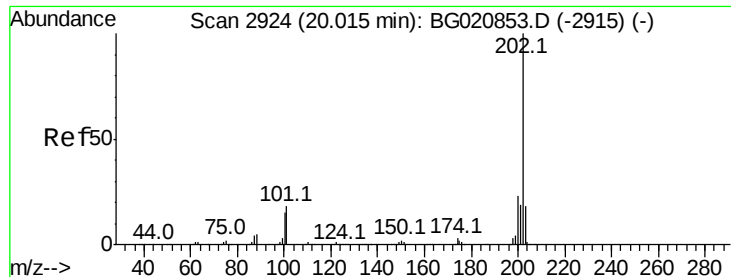


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

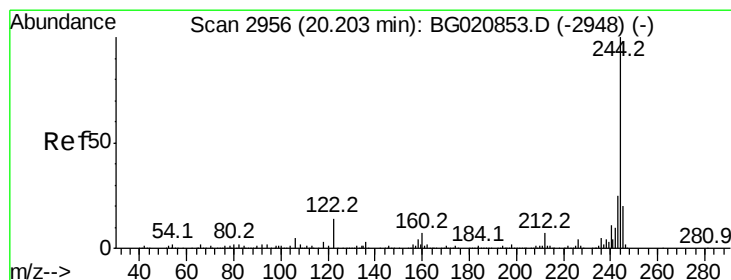
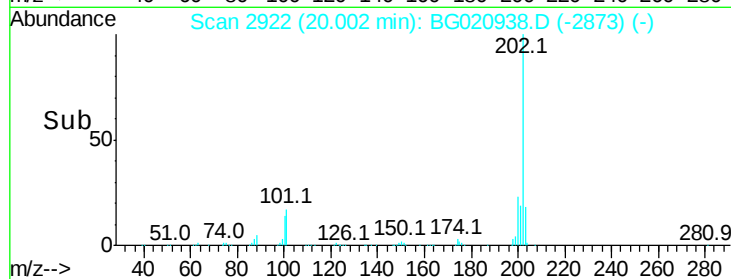
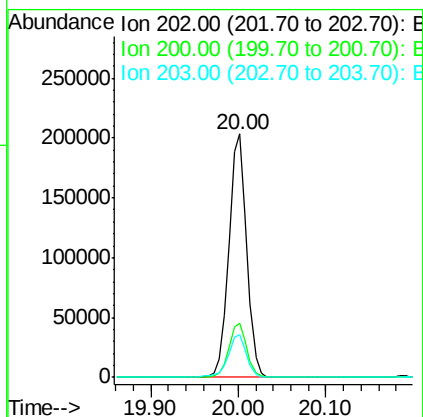
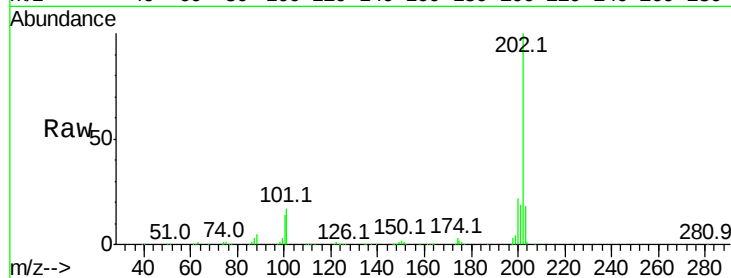




#77
Pvrene
Concen: 36.43 ng
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

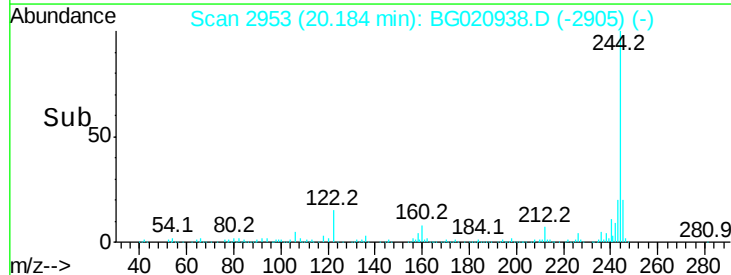
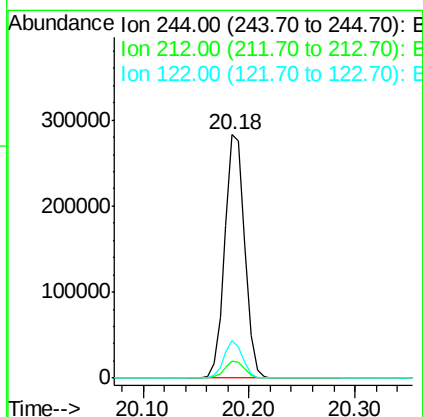
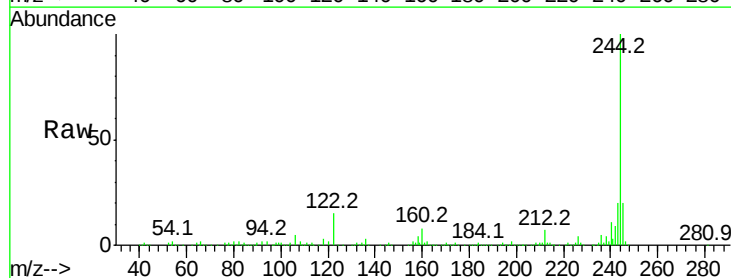
Instrument :
BNA_G
ClientSampleId :

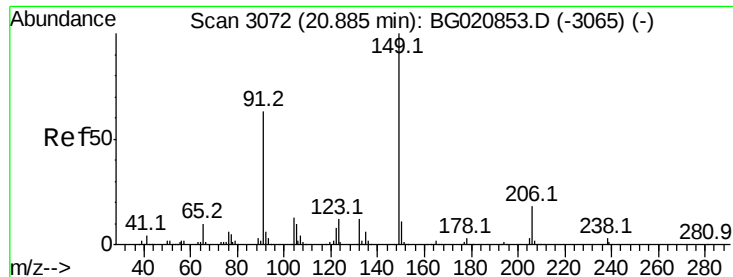
Tot Ion:202 Resp: 283081
Ion Ratio Lower Upper
202 100
200 22.5 18.5 27.7
203 17.6 14.3 21.5



#78
Terphenyl-d14
Concen: 72.76 ng
RT: 20.18 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:244 Resp: 367446
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 15.5 11.4 17.2

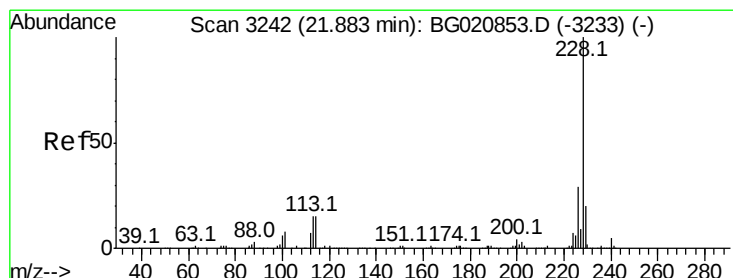
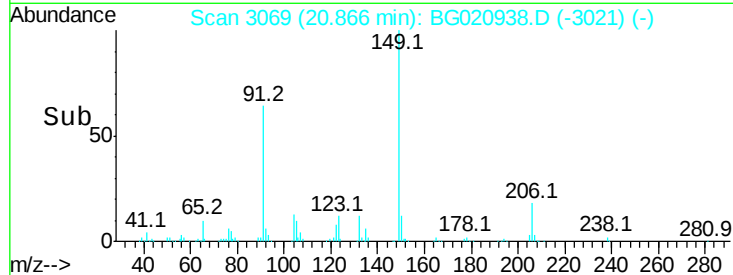
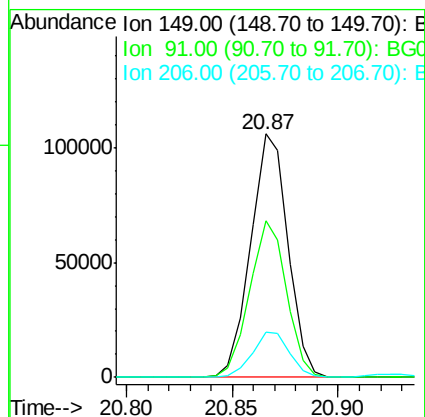
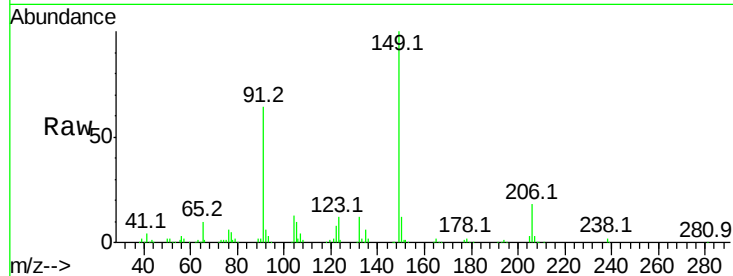




#79
Butylbenzylphthalate
Concen: 34.96 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

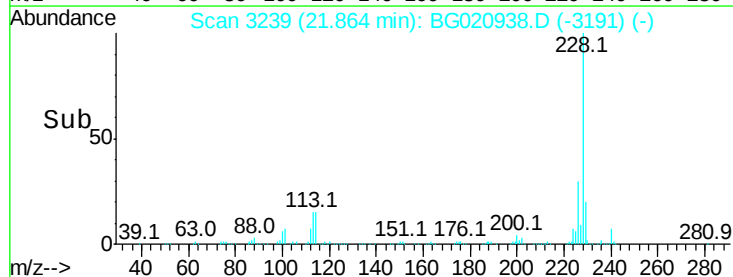
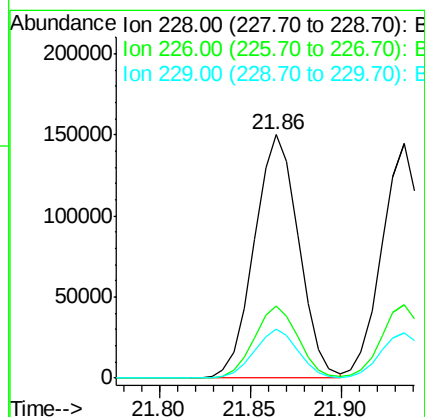
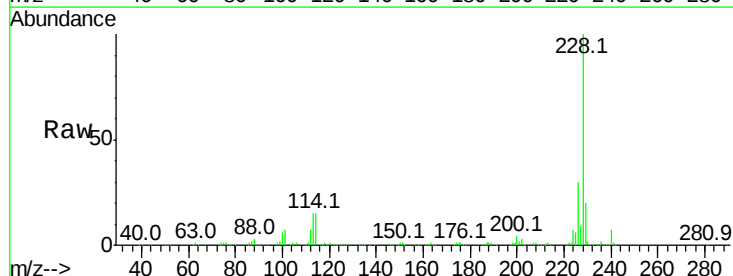
Instrument :
BNA_G
ClientSampleId :

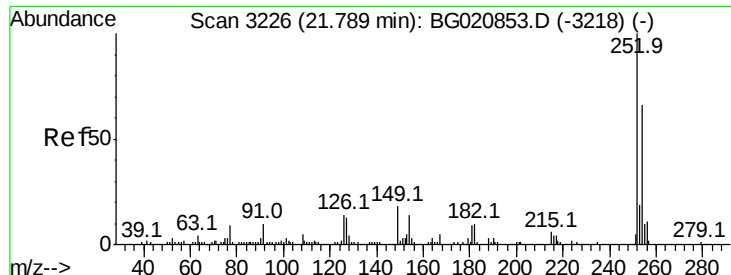
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	50.6	76.0
206	18.4	14.6	22.0



#80
Benzo(a)anthracene
Concen: 36.25 ng
RT: 21.86 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	19.9	16.2	24.2

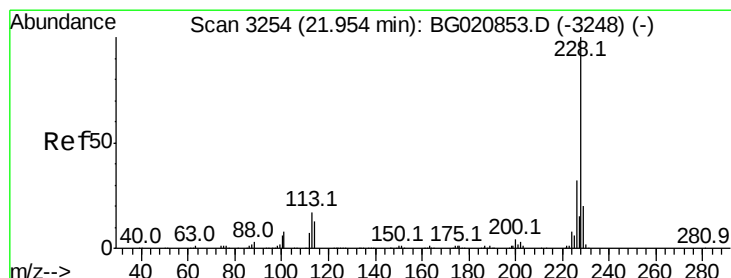
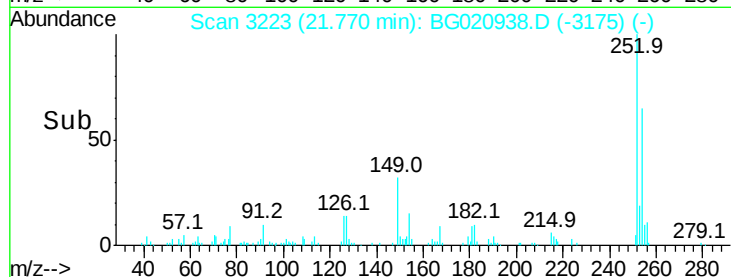
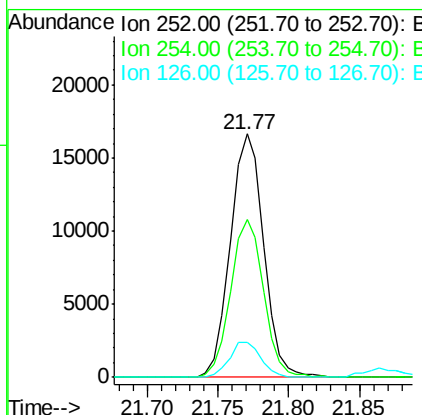
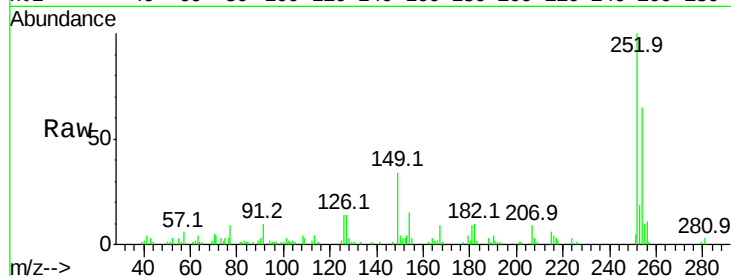




#81
 3,3'-Dichlorobenzidine
 Concen: 10.48 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

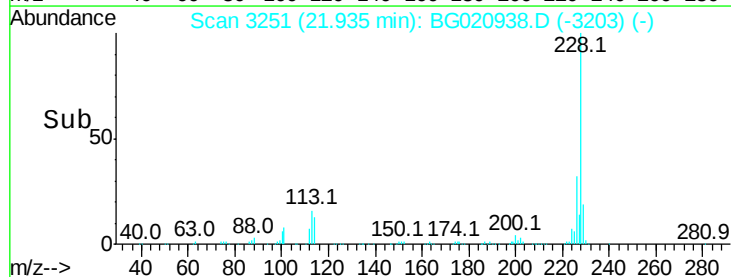
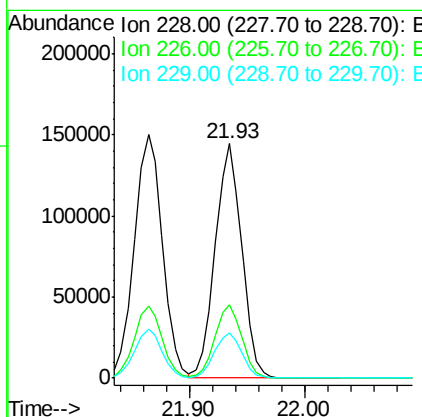
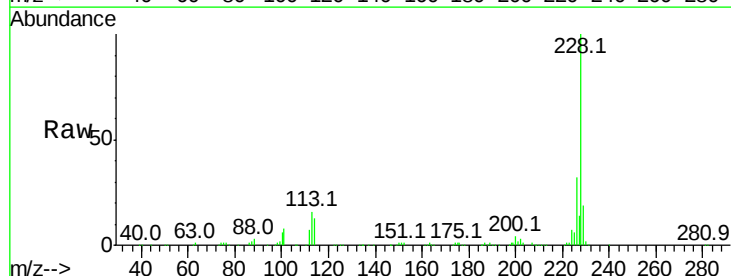
Instrument :
 BNA_G
 ClientSampled :

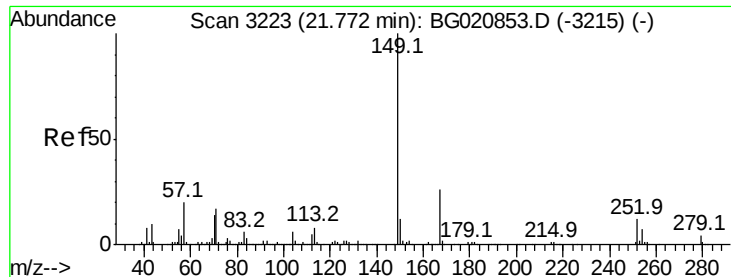
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.8	79.2
126	14.4	11.1	16.7



#82
 Chrysene
 Concen: 34.84 ng
 RT: 21.93 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.3	37.9
229	19.3	16.2	24.2

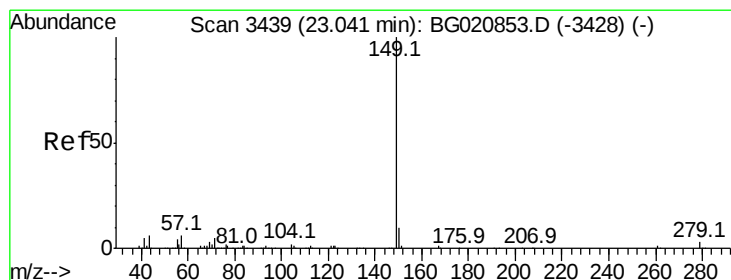
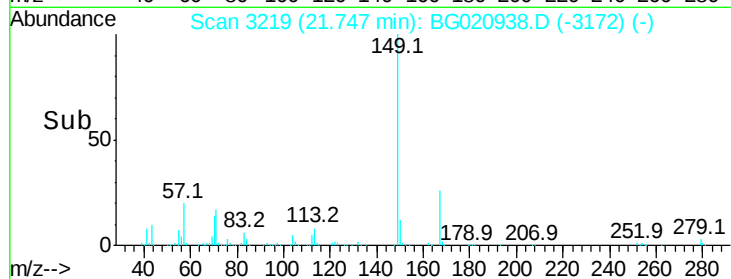
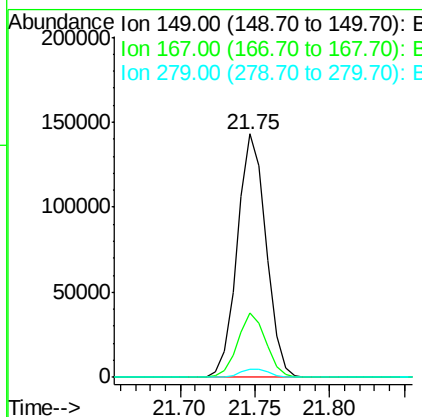
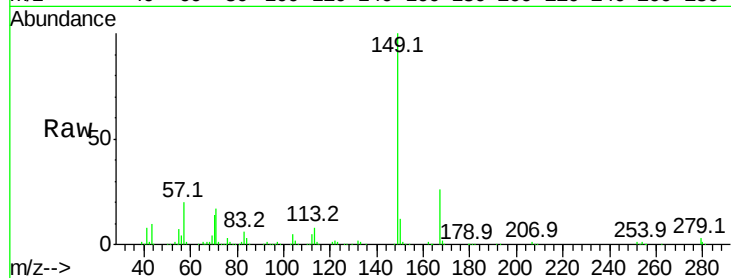




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.70 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

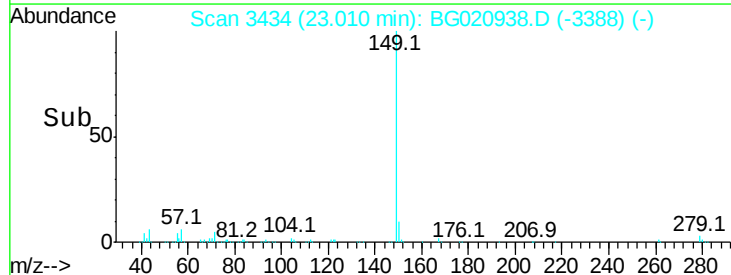
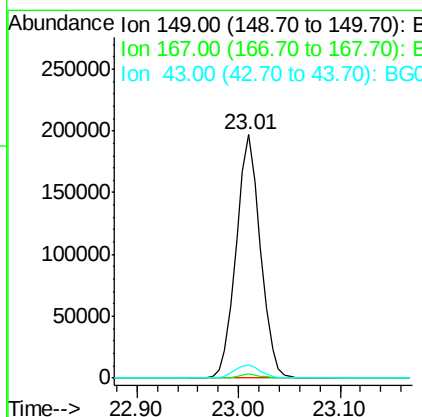
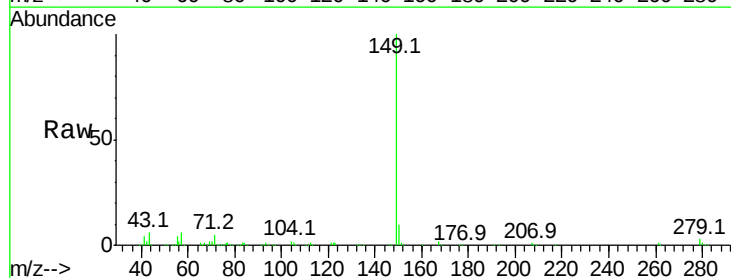
Instrument :
 BNA_G
 ClientSampleId :

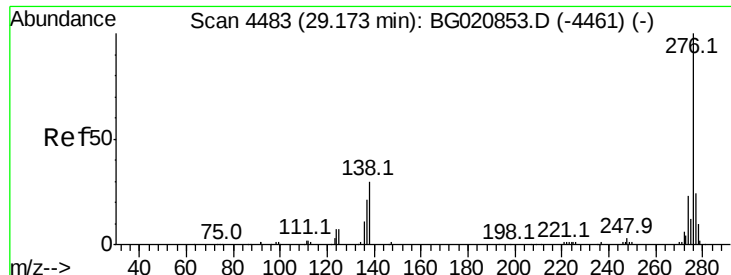
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.9	31.3
279	3.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 35.96 ng
 RT: 23.01 min Scan# 3434
 Delta R.T. -0.03 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.0	5.1	7.7

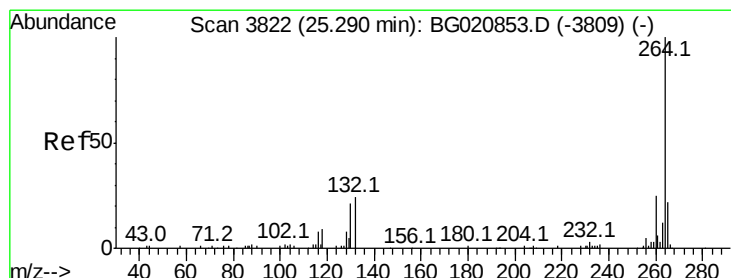
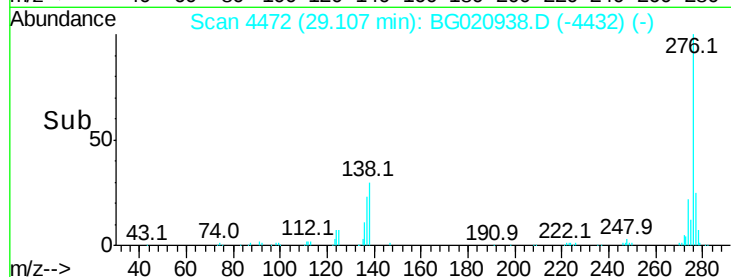
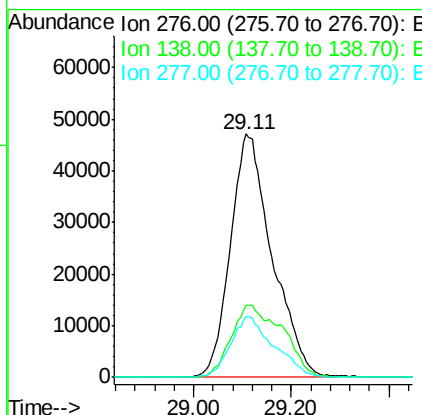
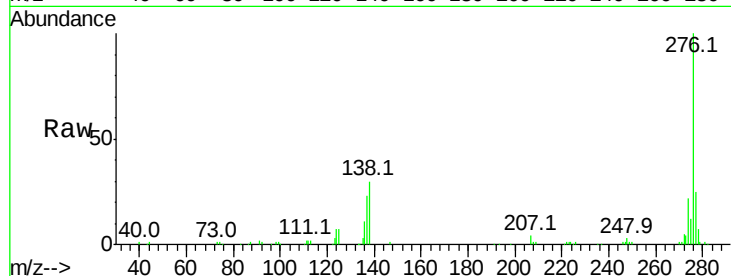




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.73 ng
RT: 29.11 min Scan# 4472
Delta R.T. -0.07 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

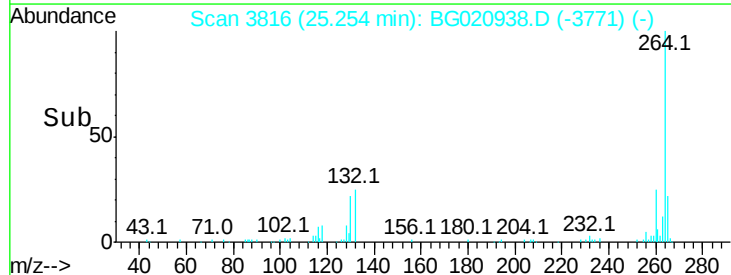
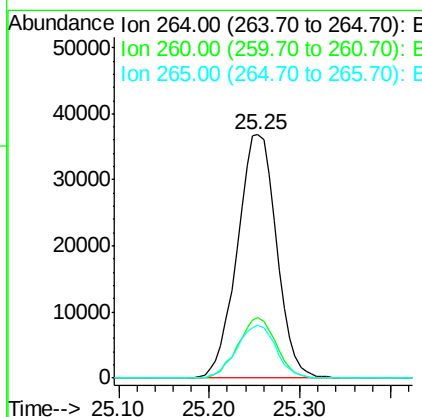
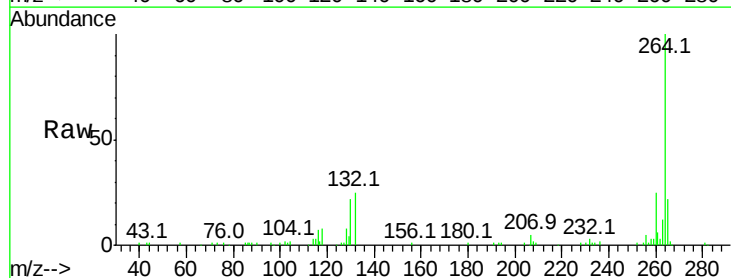
Instrument :
BNA_G
ClientSampleId :

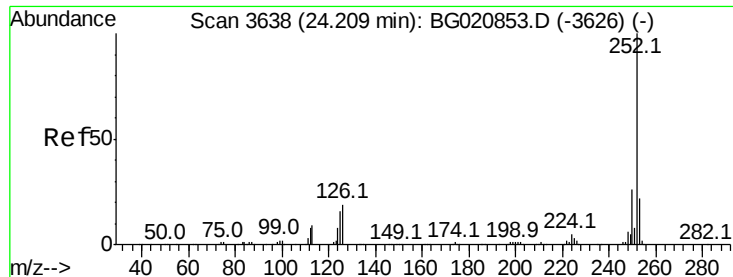
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.5	20.1	30.1
277	25.9	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.7	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 37.30 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020938.D

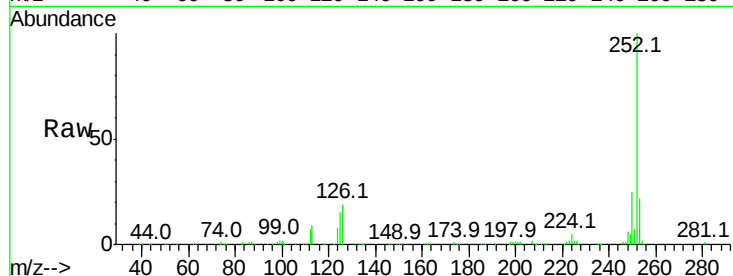
Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampled :

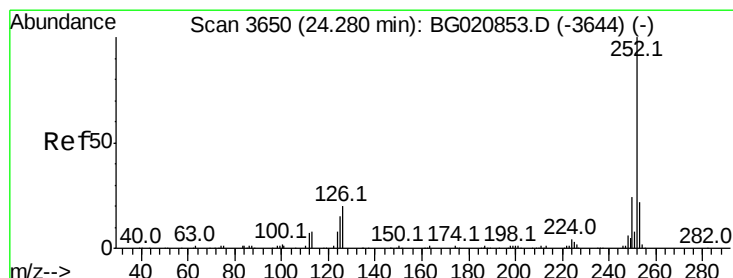
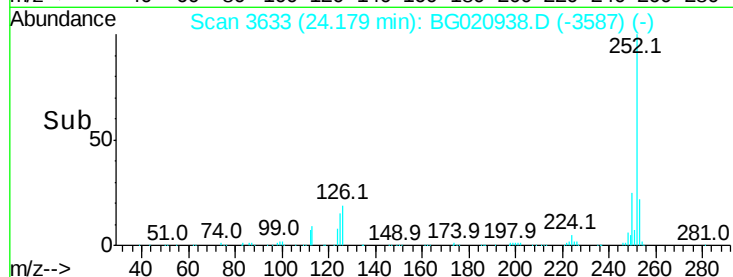
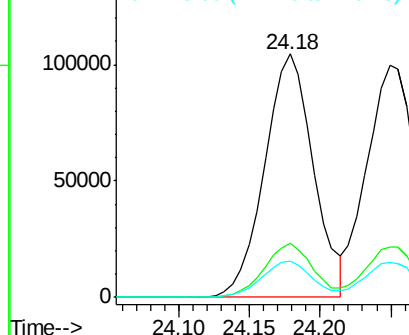
Tot Ion:252	Resp:	252526
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.5 26.3
125	14.8	12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.34 ng

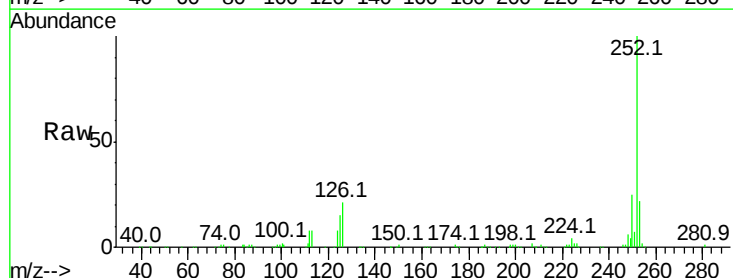
RT: 24.25 min Scan# 3645

Delta R.T. -0.03 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

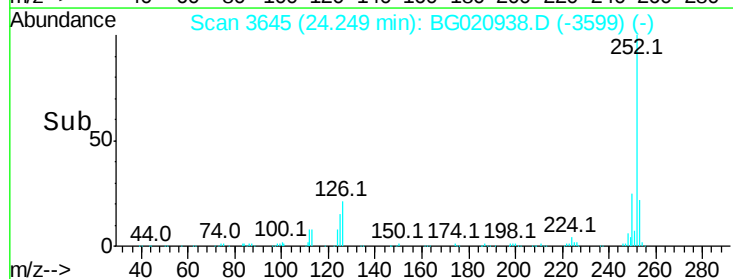
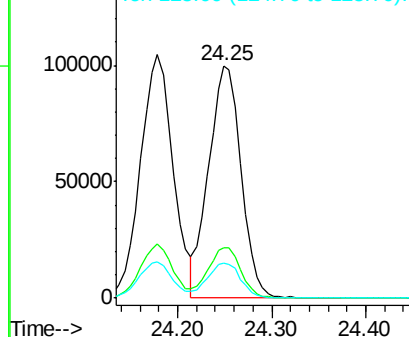
Tgt Ion:252	Resp:	241055
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.7 26.5
125	15.2	12.2 18.4

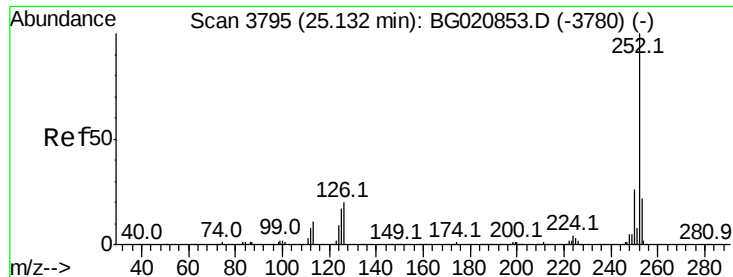


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.41 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.04 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

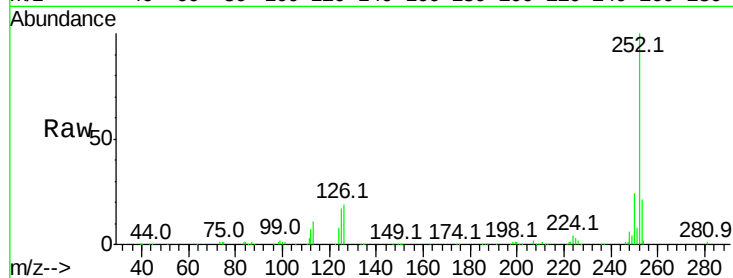
Tot Ion:252 Resp: 241301

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

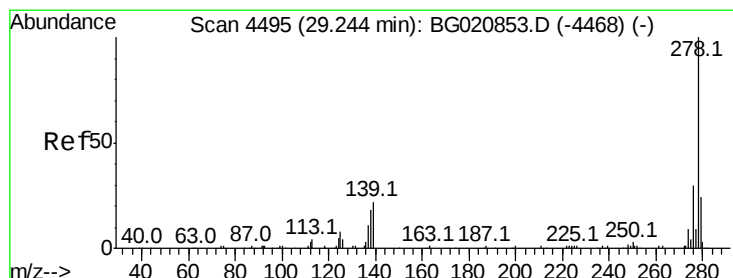
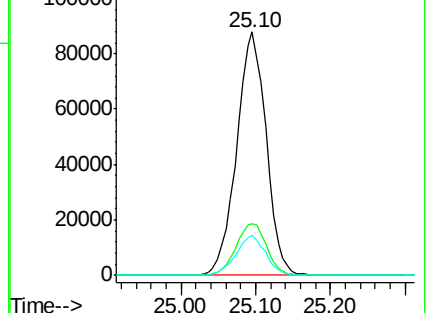
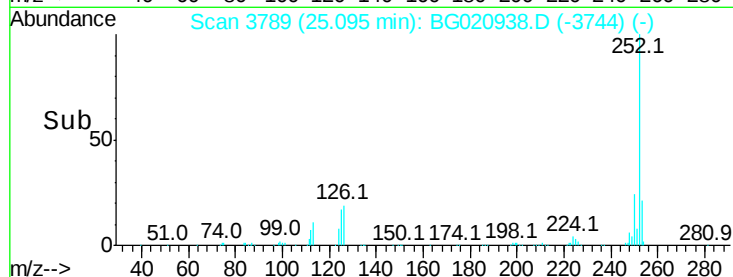
125 16.6 13.6 20.4



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: 36.73 ng

RT: 29.18 min Scan# 4484

Delta R.T. -0.07 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

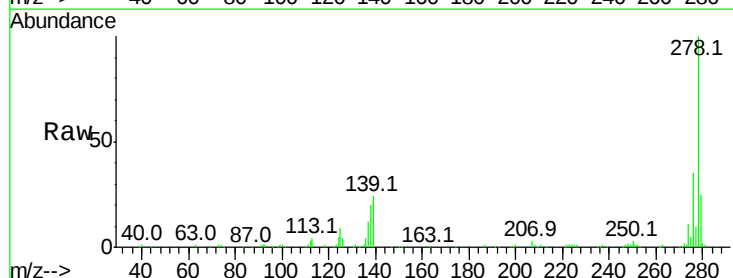
Tgt Ion:278 Resp: 230400

Ion Ratio Lower Upper

278 100

139 23.9 17.3 25.9

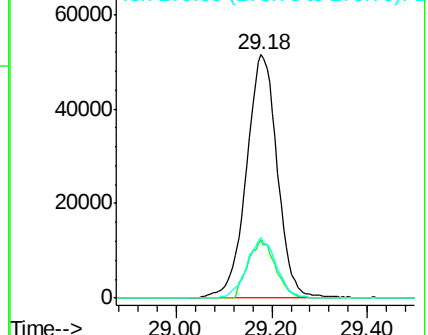
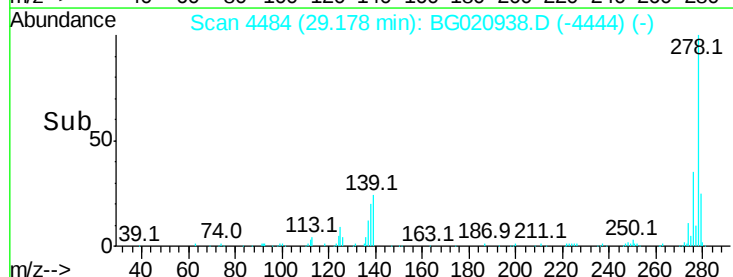
279 24.9 19.1 28.7

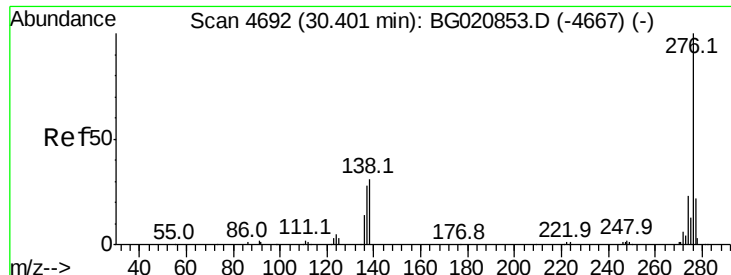


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.53 ng

RT: 30.32 min Scan# 4679

Delta R.T. -0.08 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

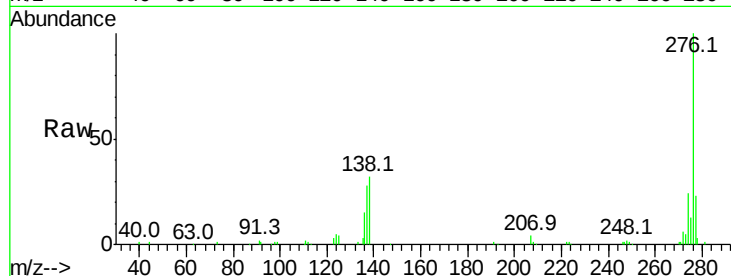
Tot Ion:276 Resp: 227412

Ion Ratio Lower Upper

276 100

277 23.1 17.6 26.4

138 31.8 25.2 37.8



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

