

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020946.D
 Acq On : 18 Feb 2016 21:48
 Operator : SJ/UM
 Sample : H1450-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:24 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	19687	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	101571	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	63948	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	136723	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	127782	20.00	ng	-0.02
86) Perylene-d12	25.25	264	119960	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	81568	69.77	ng	0.00
7) Phenol-d6	7.40	99	72441	42.40	ng	0.00
23) Nitrobenzene-d5	9.43	82	163014	105.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	106416	169.22	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	462068	101.50	ng	-0.01
78) Terphenyl-d14	20.18	244	560861	102.39	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.62	88	6492	15.27	ng	98
3) Pyridine	4.04	79	13439	10.69	ng	95
4) n-Nitrosodimethylamine	3.95	42	5666	17.22	ng	# 93
6) Aniline	7.57	93	17047	8.00	ng	99
8) 2-Chlorophenol	7.82	128	52059	35.65	ng	98
9) Benzaldehyde	7.38	77	13527	15.81	ng	96
10) Phenol	7.43	94	23187	12.82	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	63333	43.85	ng	97
12) 1,3-Dichlorobenzene	8.15	146	63308	41.00	ng	99
13) 1,4-Dichlorobenzene	8.29	146	65509	41.84	ng	99
14) 1,2-Dichlorobenzene	8.62	146	64131	42.11	ng	95
15) Benzyl Alcohol	8.49	79	30637	28.44	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	61763	41.00	ng	98
17) 2-Methylphenol	8.69	107	38765	29.76	ng	97
18) Hexachloroethane	9.35	117	22558	41.91	ng	95
19) n-Nitroso-di-n-propylamine	9.06	70	50138	45.48	ng	99
20) 3+4-Methylphenols	9.02	107	47954	26.42	ng	97
22) Acetophenone	9.08	105	104042	42.50	ng	# 99
24) Nitrobenzene	9.48	77	68292	42.41	ng	96
25) Isophorone	9.99	82	145790	44.78	ng	97
26) 2-Nitrophenol	10.19	139	35681	42.11	ng	98
27) 2,4-Dimethylphenol	10.23	122	59093	36.39	ng	98
28) bis(2-Chloroethoxy)methane	10.47	93	96625	48.16	ng	100
29) 2,4-Dichlorophenol	10.72	162	63181	43.41	ng	97
30) 1,2,4-Trichlorobenzene	10.94	180	63827	43.54	ng	99
31) Naphthalene	11.14	128	230641	43.89	ng	99
32) Benzoic acid	10.31	122	12463	9.57	ng	94
33) 4-Chloroaniline	11.23	127	14356	6.35	ng	96
34) Hexachlorobutadiene	11.41	225	31502	42.16	ng	97
35) Caprolactam	12.00	113	3785	6.79	ng	93
36) 4-Chloro-3-methylphenol	12.34	107	66067	39.62	ng	98
37) 2-Methylnaphthalene	12.72	142	180929	49.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	75456	40.23	ng	98
40) Hexachlorocyclopentadiene	13.06	237	70696	85.66	ng	97

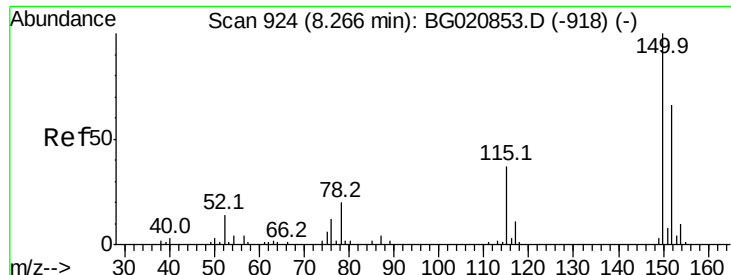
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020946.D
 Acq On : 18 Feb 2016 21:48
 Operator : SJ/UM
 Sample : H1450-05MS
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Quant Time: Feb 18 23:49:24 2016
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 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	13.31	196	53773	42.67	nq	97
43) 2,4,5-Trichlorophenol	13.38	196	58189	43.92	nq	99
45) 1,1'-Biphenyl	13.71	154	237308	42.07	nq	99
46) 2-Chloronaphthalene	13.76	162	175386	43.42	nq	100
47) 2-Nitroaniline	13.95	65	45395	46.93	nq	99
48) Acenaphthylene	14.60	152	312196	44.45	nq	99
49) Dimethylphthalate	14.32	163	246734	49.34	nq	100
50) 2,6-Dinitrotoluene	14.44	165	52251	48.76	nq	99
51) Acenaphthene	14.94	154	206767	48.56	nq	99
52) 3-Nitroaniline	14.77	138	11742	9.43	nq	# 99
53) 2,4-Dinitrophenol	14.97	184	44852	96.74	nq	89
54) Dibenzofuran	15.27	168	285592	50.70	nq	99
55) 4-Nitrophenol	15.06	139	28622	30.44	nq	99
56) 2,4-Dinitrotoluene	15.22	165	72920	52.65	nq	98
57) Fluorene	15.91	166	248635	47.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51026	50.54	nq	99
59) Diethylphthalate	15.67	149	249504	48.54	nq	98
60) 4-Chlorophenyl-phenylether	15.90	204	106279	46.13	nq	97
61) 4-Nitroaniline	15.93	138	54936	43.95	nq	98
62) Azobenzene	16.19	77	202028	49.99	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	30385	44.22	nq	98
65) n-Nitrosodiphenylamine	16.11	169	197213	44.64	nq	97
66) 4-Bromophenyl-phenylether	16.79	248	66237	45.87	nq	98
67) Hexachlorobenzene	16.91	284	71068	46.25	nq	98
68) Atrazine	17.05	200	64902	48.42	nq	99
69) Pentachlorophenol	17.25	266	75192	85.36	nq	95
70) Phenanthrene	17.65	178	366909	47.13	nq	100
71) Anthracene	17.74	178	363966	46.07	nq	100
72) Carbazole	18.01	167	330347	46.59	nq	99
73) Di-n-butylphthalate	18.55	149	409269	45.02	nq	100
74) Fluoranthene	19.64	202	384324	45.70	nq	99
76) Benzidine	19.81	184	8401	2.03	nq	97
77) Pyrene	20.00	202	393496	46.68	nq	99
79) Butylbenzylphthalate	20.87	149	183372	45.44	nq	99
80) Benzo(a)anthracene	21.86	228	357561	46.87	nq	99
81) 3,3'-Dichlorobenzidine	21.77	252	28504	10.07	nq	99
82) Chrysene	21.94	228	317204	44.22	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	274612	45.90	nq	99
84) Di-n-octyl phthalate	23.00	149	458239	46.66	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	394058	47.76	nq	# 89
87) Benzo(b)fluoranthene	24.18	252	356293	48.53	nq	100
88) Benzo(k)fluoranthene	24.25	252	331517	46.09	nq	100
89) Benzo(a)pyrene	25.10	252	333927	47.74	nq	99
90) Dibenzo(a,h)anthracene	29.18	278	322922	47.47	nq	99
91) Benzo(g,h,i)perylene	30.33	276	319761	47.36	nq	98

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

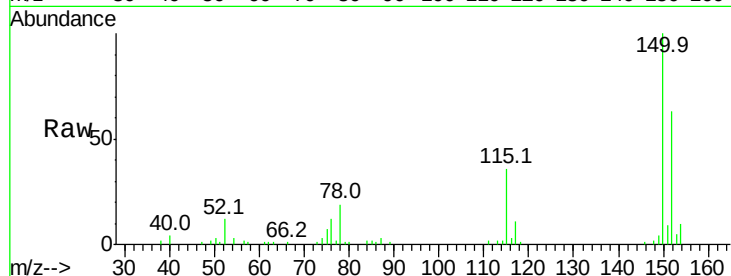


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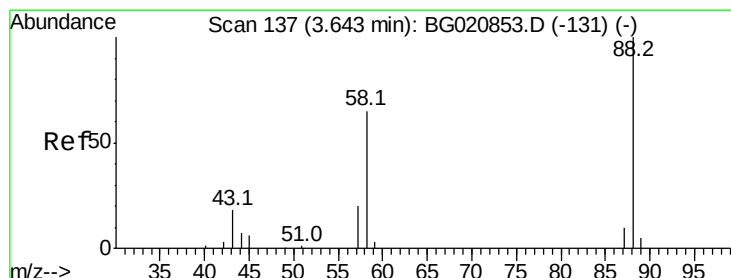
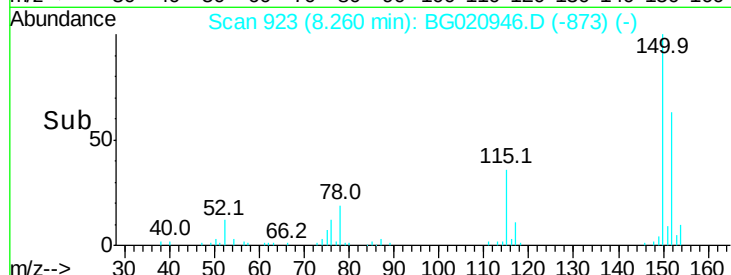
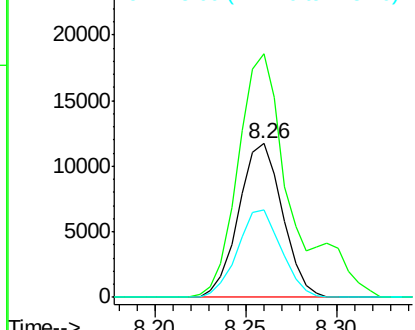
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19687
Ion Ratio Lower Upper
152 100
150 158.2 122.0 183.0
115 57.1 45.2 67.8



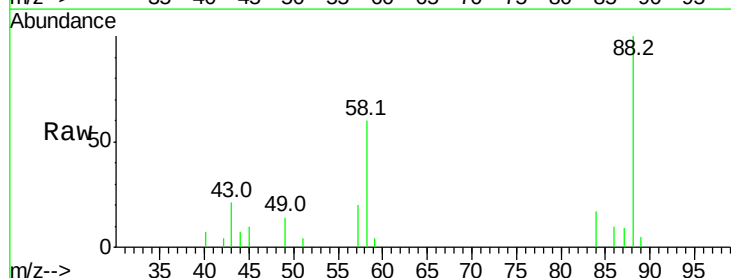
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



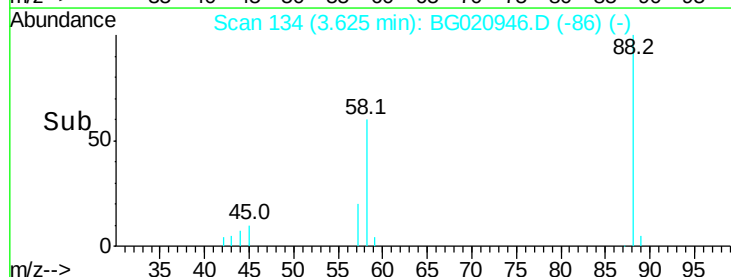
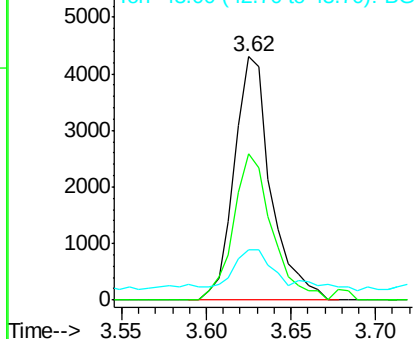
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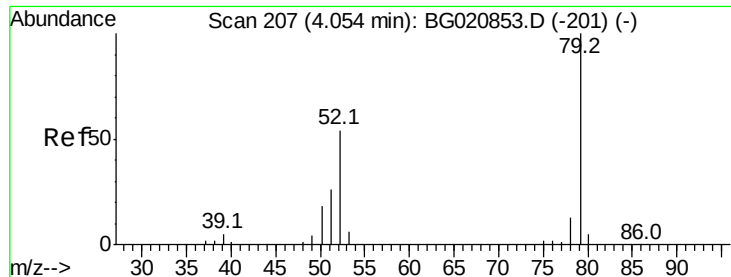
1,4-Dioxane
Concen: 15.27 ng
RT: 3.62 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion: 88 Resp: 6492
Ion Ratio Lower Upper
88 100
58 63.0 50.3 75.5
43 21.4 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: 10.69 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

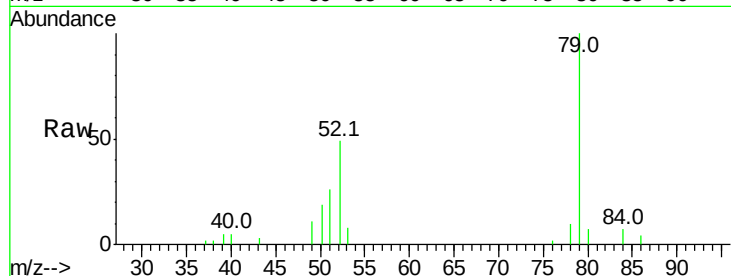
Tot Ion: 79 Resp: 13439

Ion Ratio Lower Upper

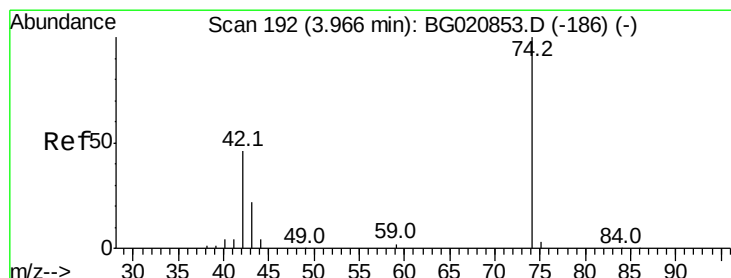
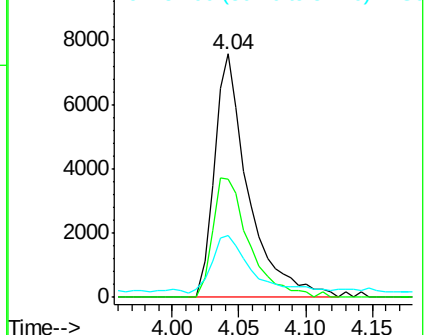
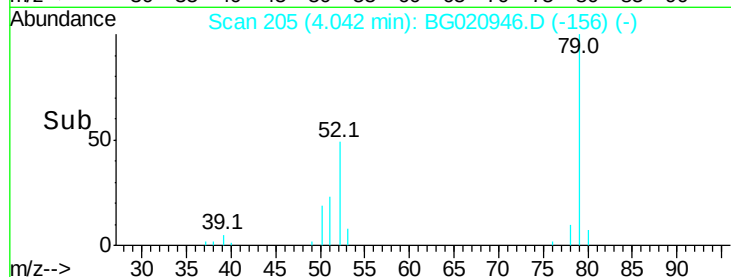
79 100

52 48.5 43.1 64.7

51 25.5 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



#4

n-Nitrosodimethylamine

Concen: 17.22 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

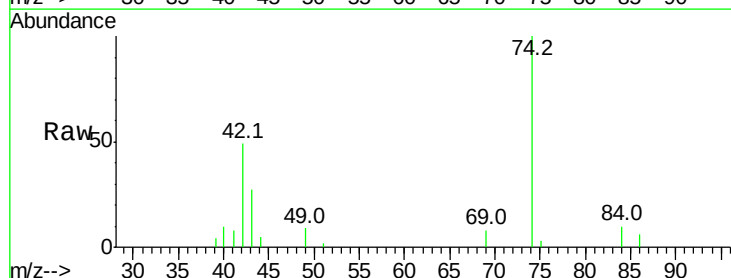
Tgt Ion: 42 Resp: 5666

Ion Ratio Lower Upper

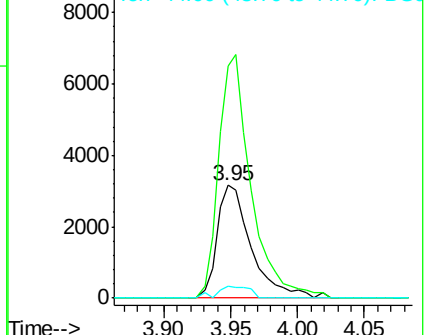
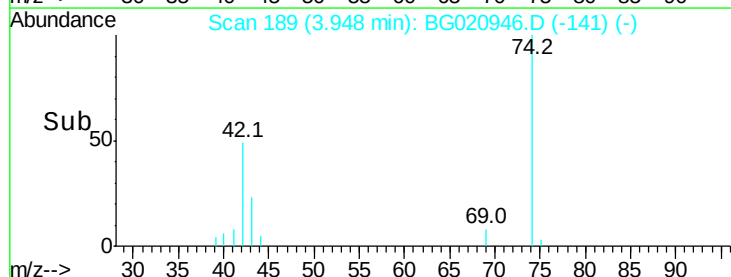
42 100

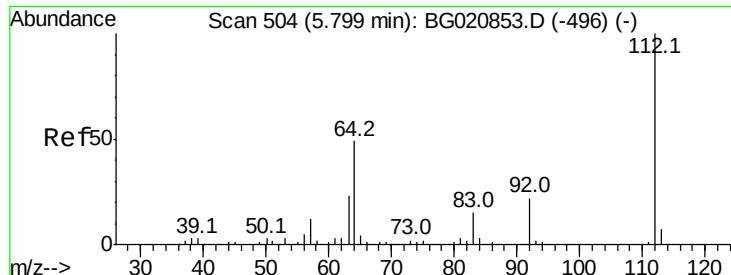
74 205.3 173.8 260.6

44 10.3 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

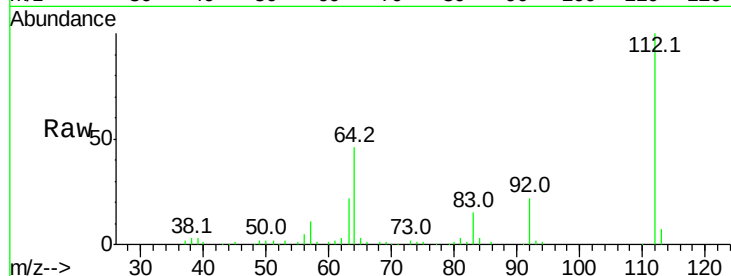




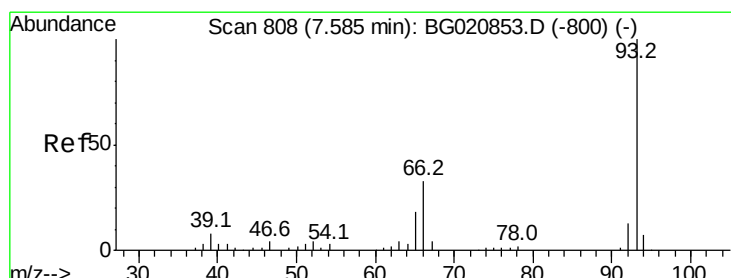
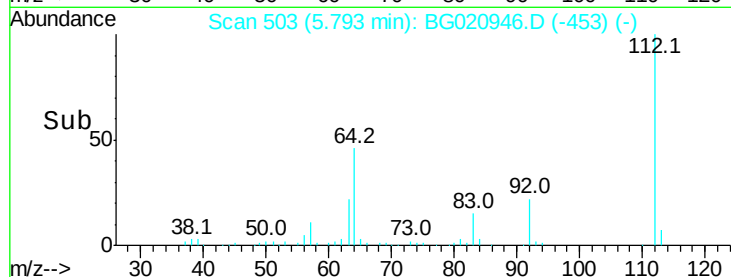
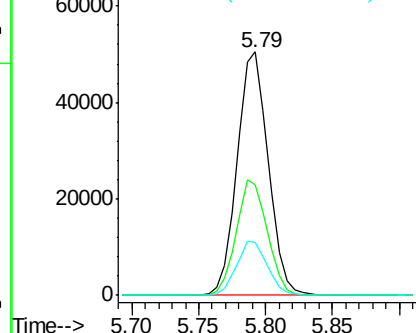
#5
 2-Fluorophenol
 Concen: 69.77 ng
 RT: 5.79 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	45.6	39.3	58.9
63	22.0	18.2	27.4

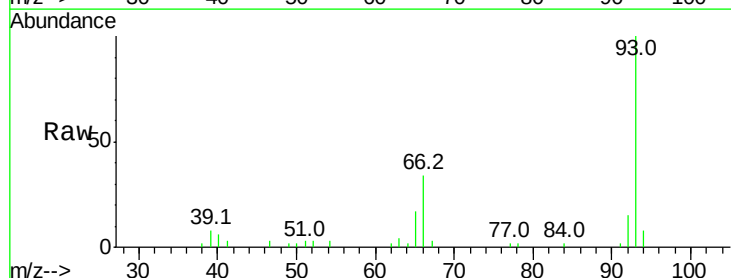


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

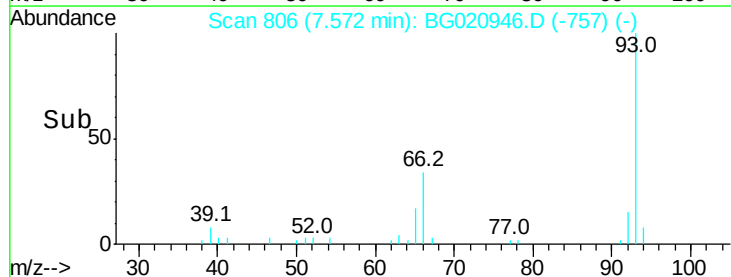
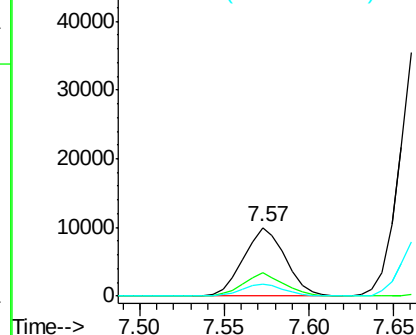


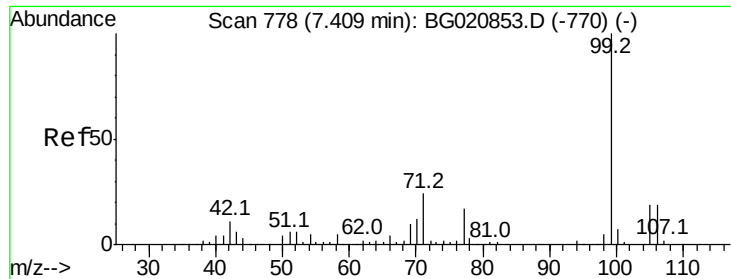
#6
 Aniline
 Concen: 8.00 ng
 RT: 7.57 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
93	100		
66	34.0	26.6	40.0
65	17.3	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: 42.40 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

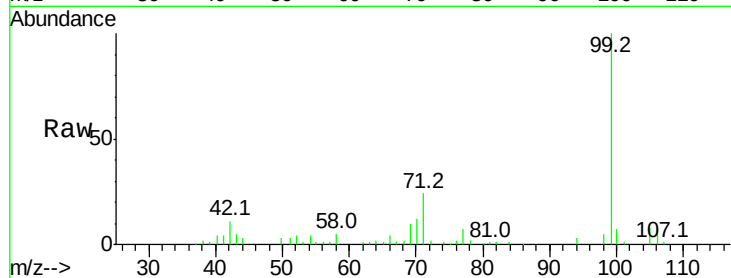
Tot Ion: 99 Resp: 72441

Ion Ratio Lower Upper

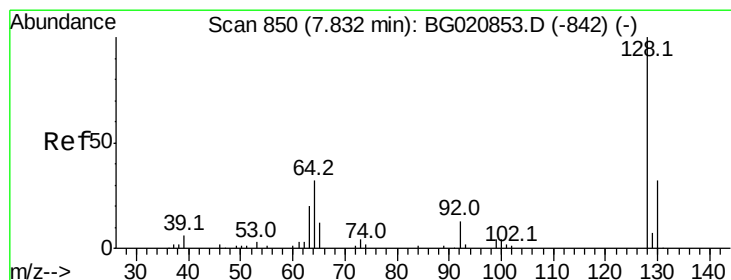
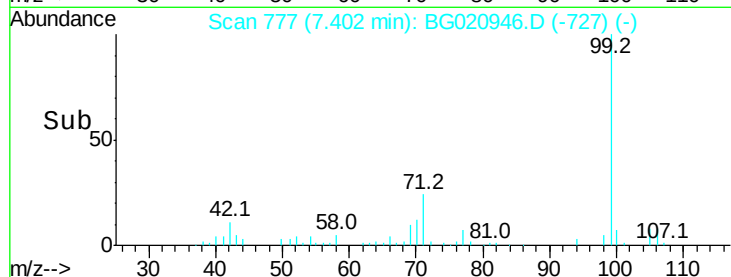
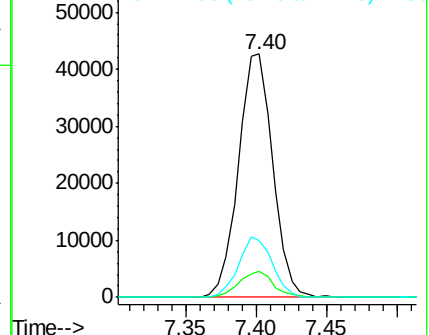
99 100

42 10.5 8.4 12.6

71 23.5 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: 35.65 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

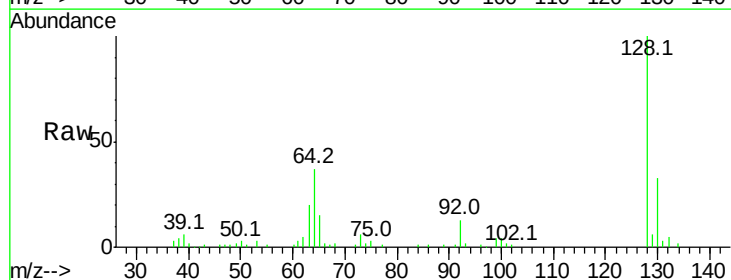
Tgt Ion: 128 Resp: 52059

Ion Ratio Lower Upper

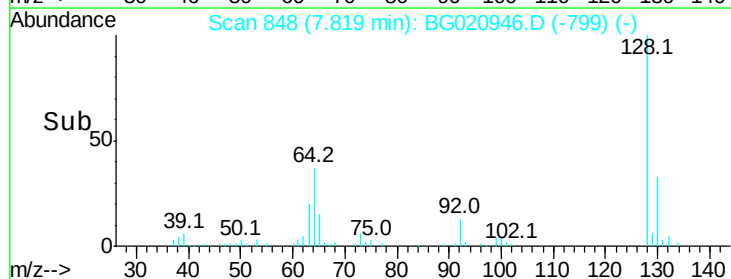
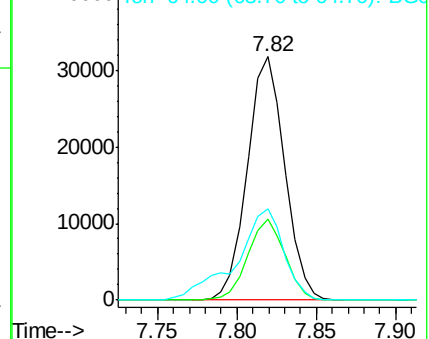
128 100

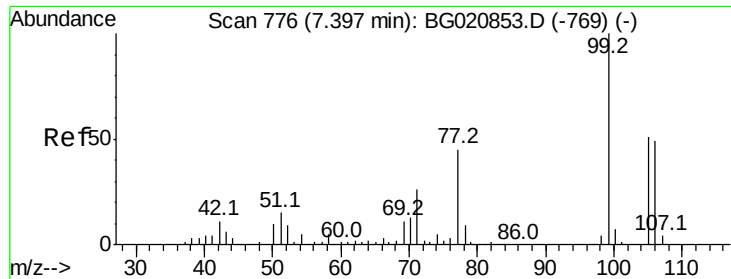
130 33.1 12.3 52.3

64 37.4 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: 15.81 ng

RT: 7.38 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

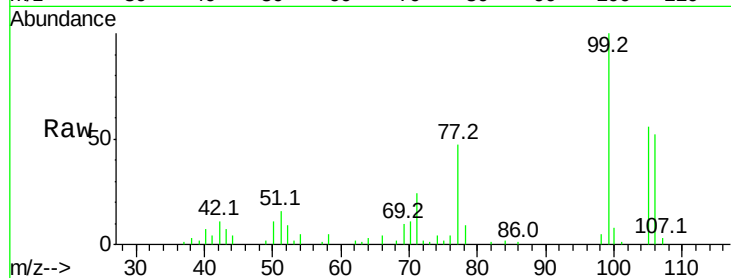
Tot Ion: 77 Resp: 13527

Ion Ratio Lower Upper

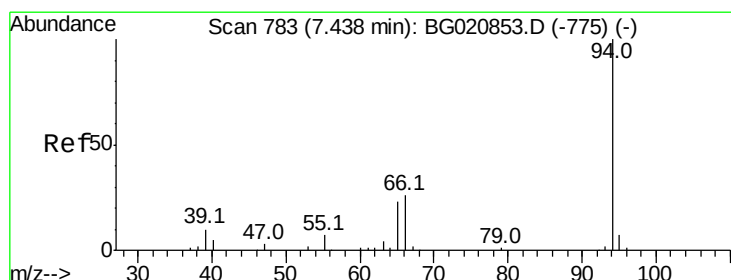
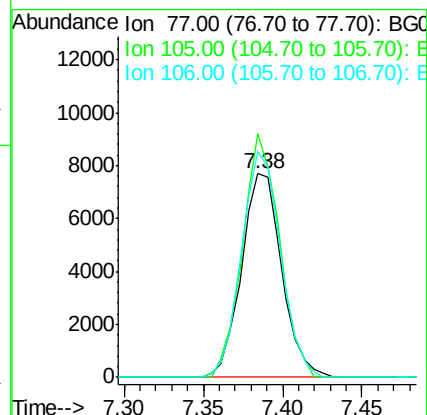
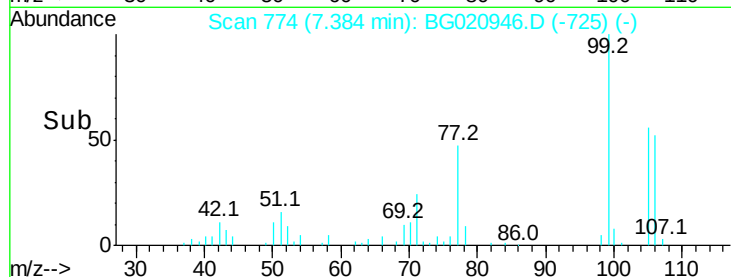
77 100

105 119.5 93.4 133.4

106 111.0 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: 12.82 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

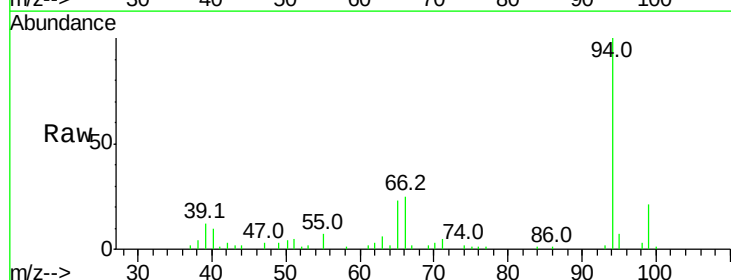
Tgt Ion: 94 Resp: 23187

Ion Ratio Lower Upper

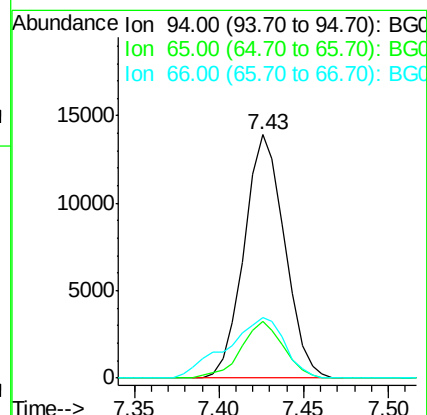
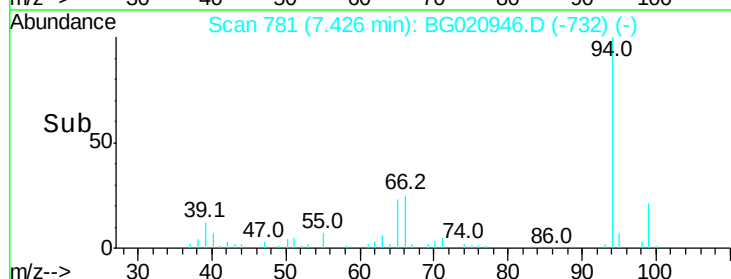
94 100

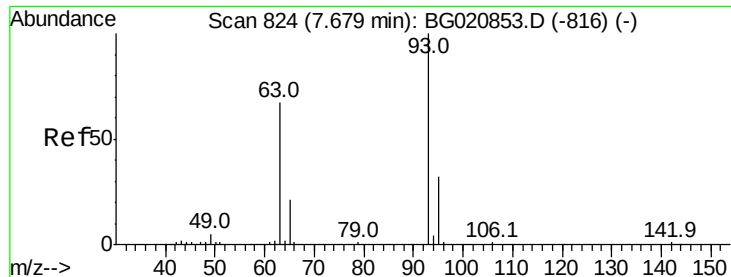
65 23.2 2.8 42.8

66 24.8 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: 43.85 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

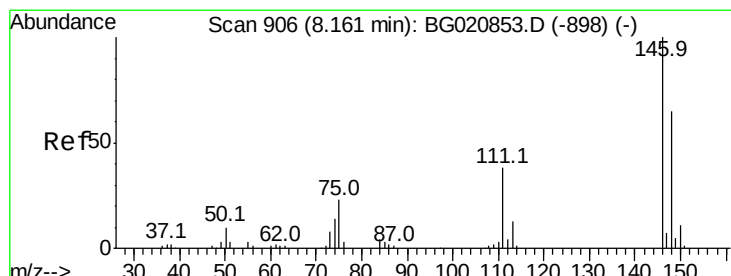
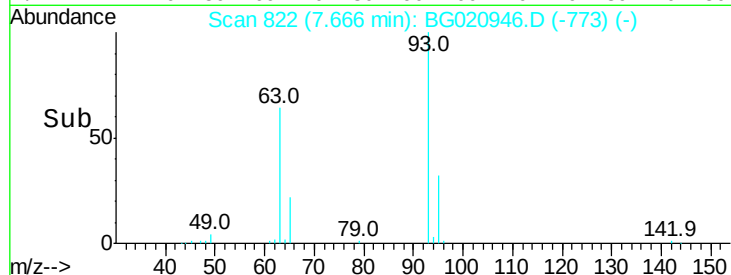
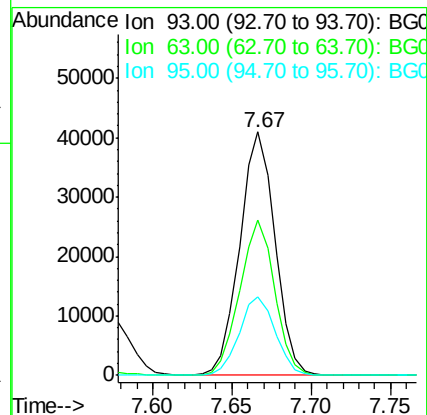
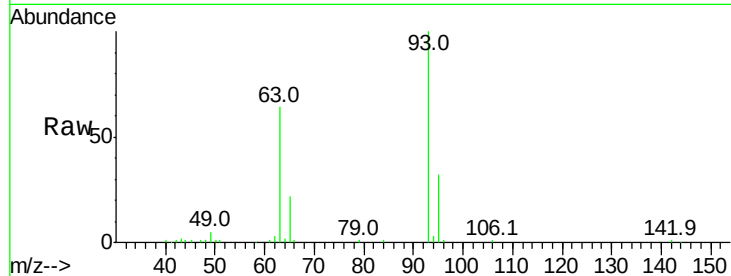
Tot Ion: 93 Resp: 63333

Ion Ratio Lower Upper

93 100

63 63.7 46.4 86.4

95 32.5 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 41.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

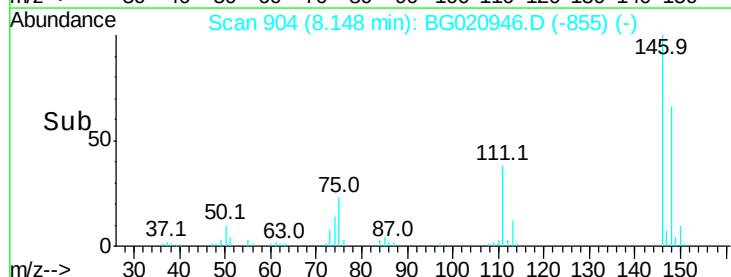
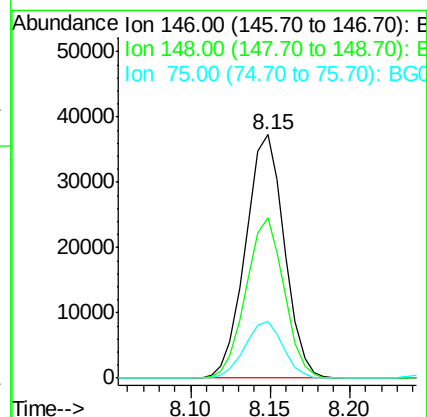
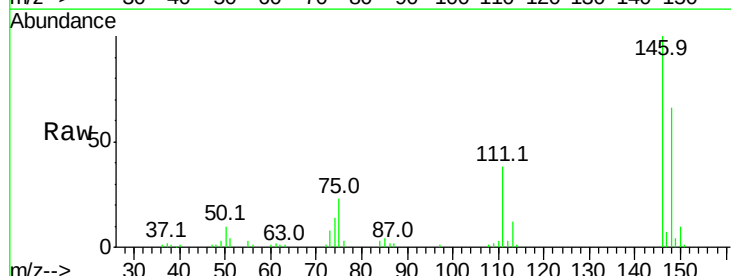
Tgt Ion: 146 Resp: 63308

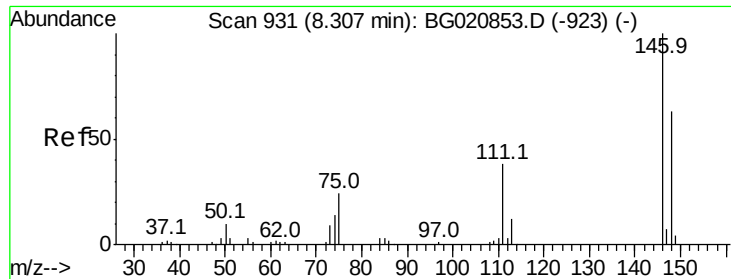
Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

75 23.1 18.7 28.1

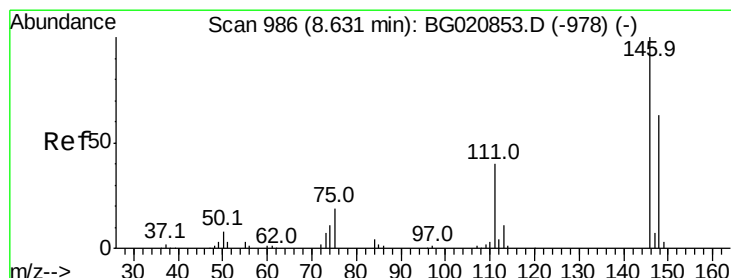
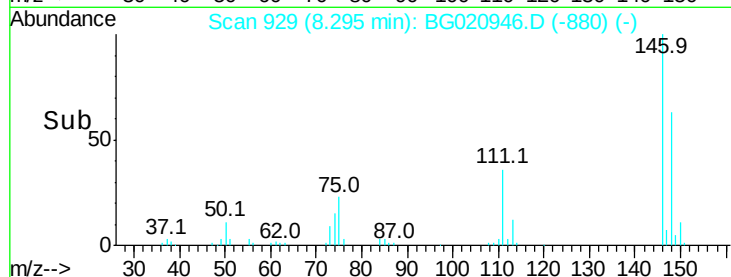
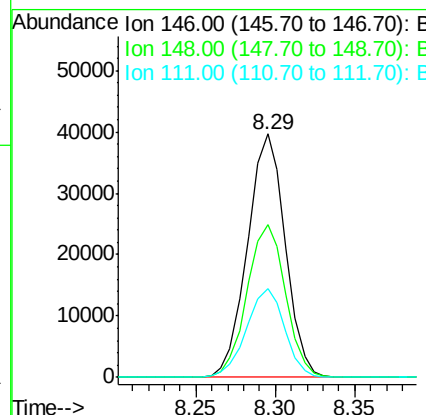
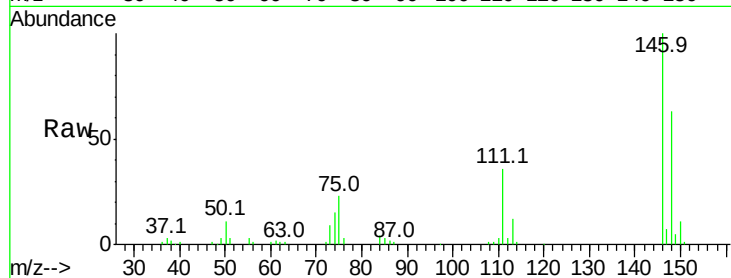




#13
 1,4-Dichlorobenzene
 Concen: 41.84 ng
 RT: 8.29 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

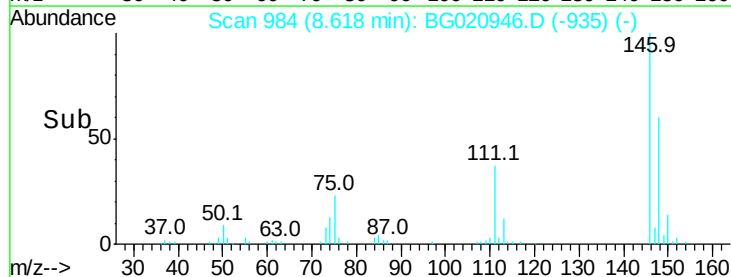
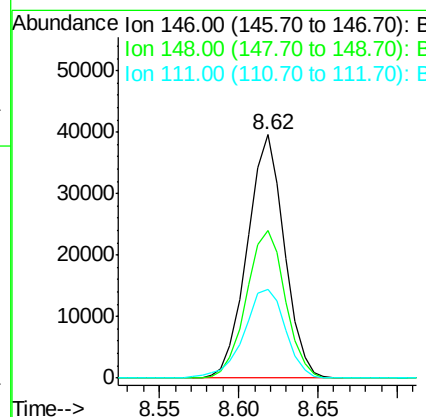
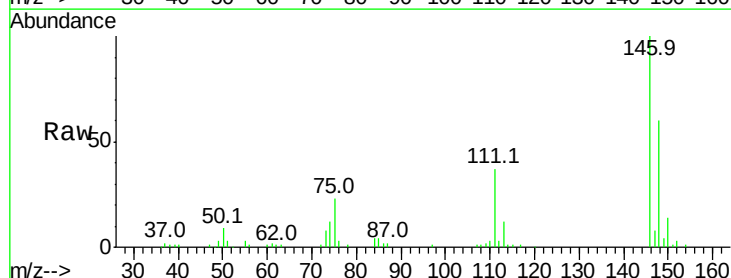
Instrument :
 BNA_G
 ClientSampled :

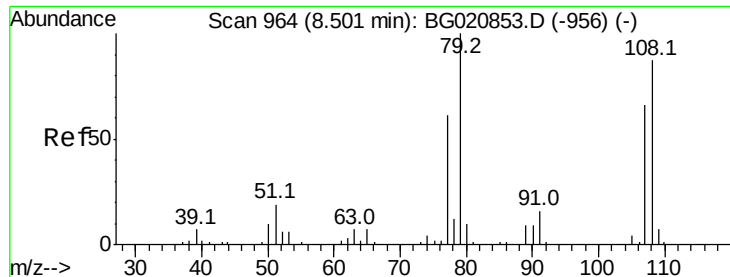
Tot Ion:146 Resp: 65509
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 36.4 30.1 45.1



#14
 1,2-Dichlorobenzene
 Concen: 42.11 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:146 Resp: 64131
 Ion Ratio Lower Upper
 146 100
 148 60.5 50.6 76.0
 111 36.5 32.6 48.8





#15

Benzyl Alcohol

Concen: 28.44 ng

RT: 8.49 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

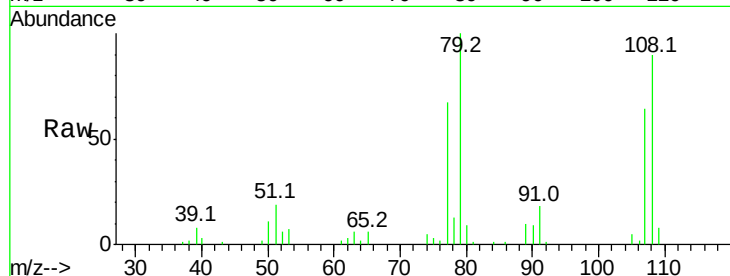
Tot Ion: 79 Resp: 30637

Ion Ratio Lower Upper

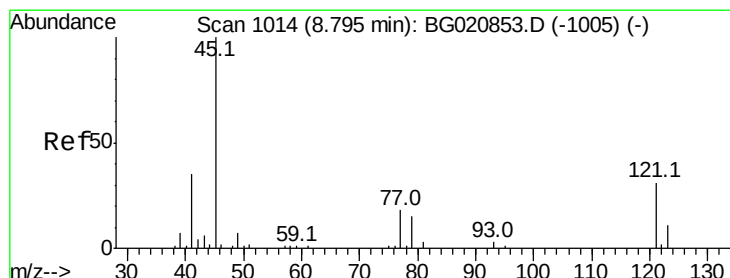
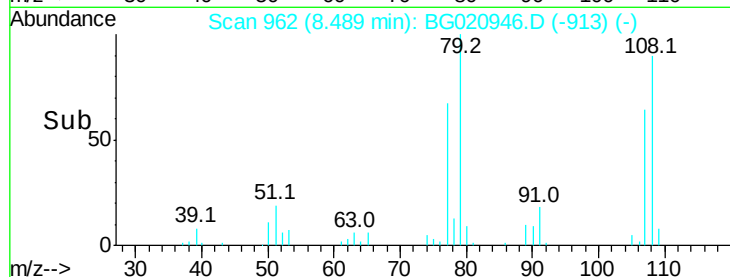
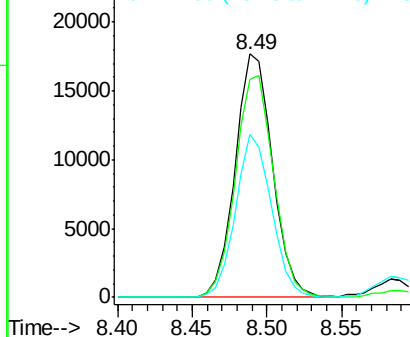
79 100

108 89.6 69.4 104.2

77 66.8 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: 41.00 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

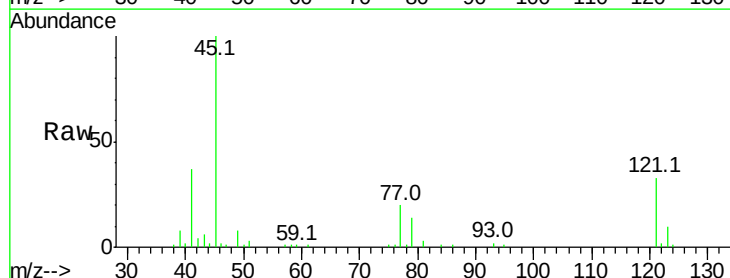
Tgt Ion: 45 Resp: 61763

Ion Ratio Lower Upper

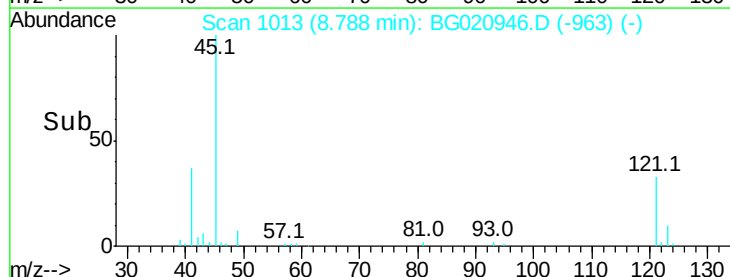
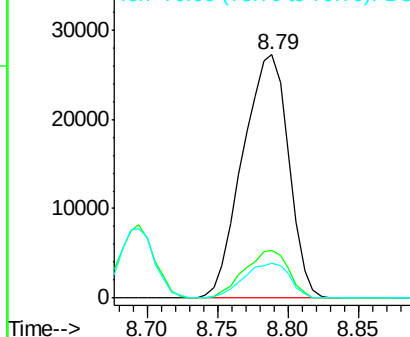
45 100

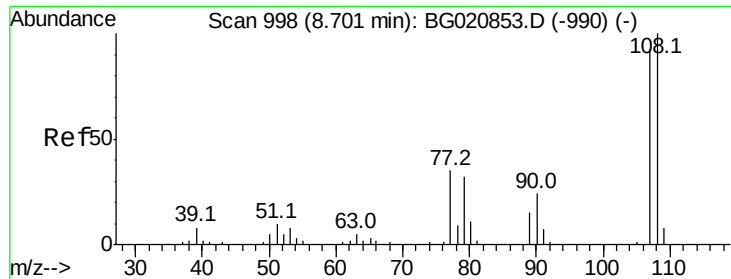
77 19.8 0.0 38.5

79 14.2 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

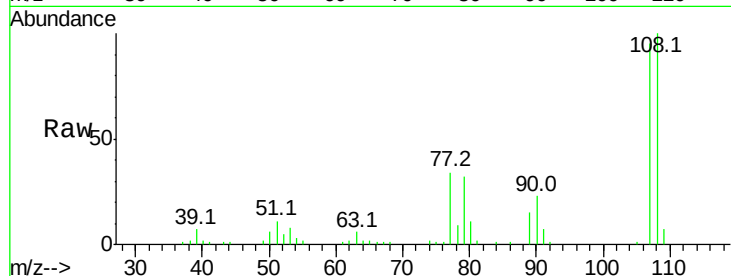




#17
2-Methylphenol
Concen: 29.76 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.8	87.0	130.4
77	35.5	30.1	45.1
79	33.8	27.4	41.2



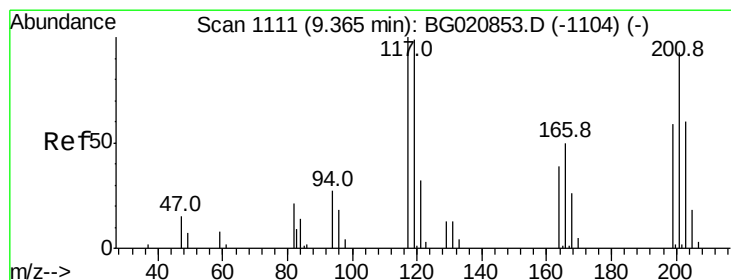
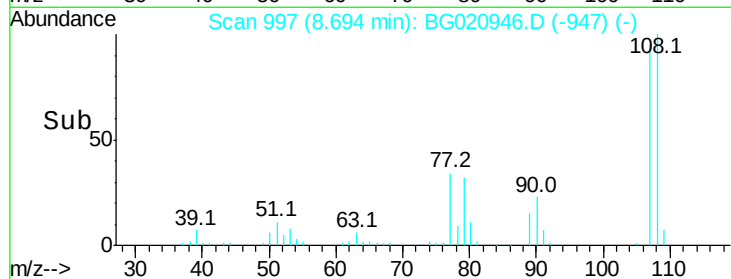
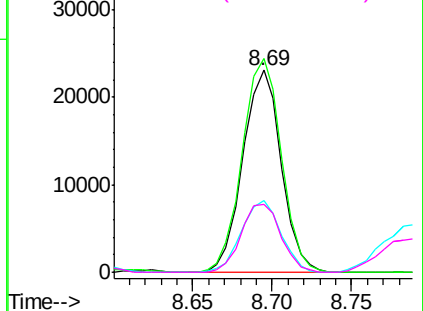
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

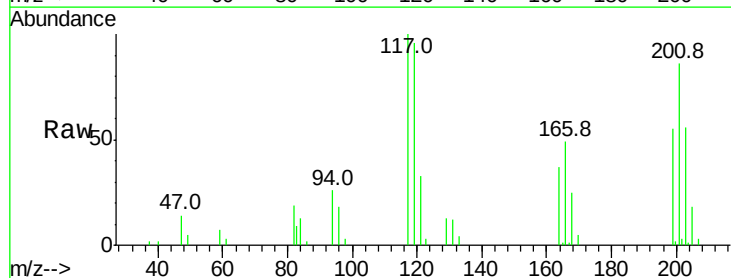
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.91 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.6	119.4
201	85.6	74.5	111.7

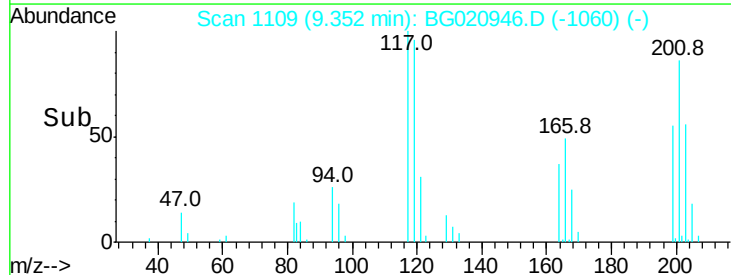
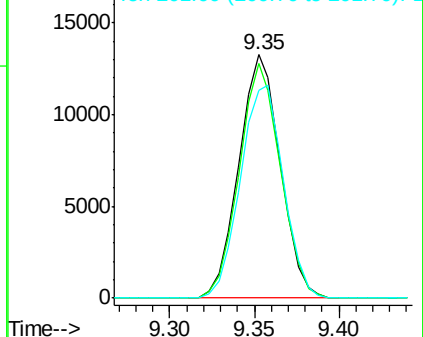


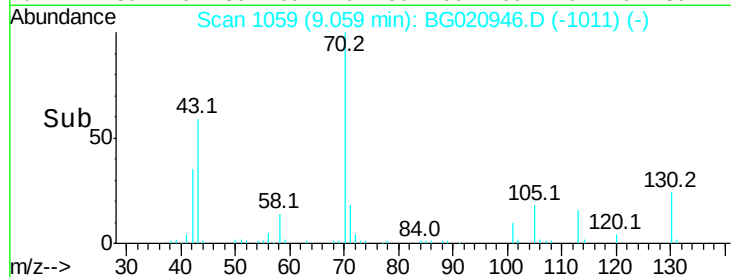
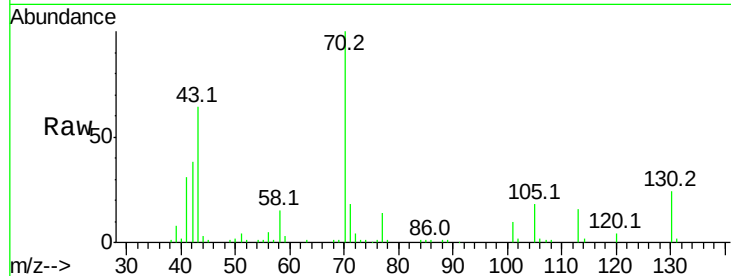
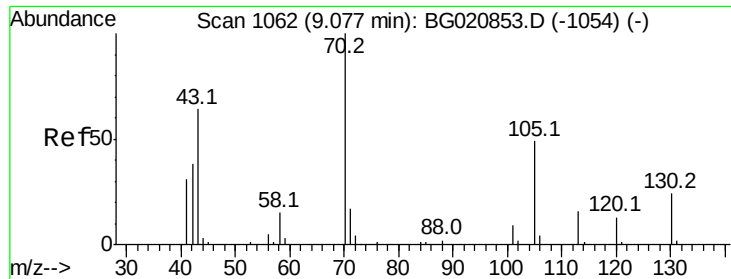
Abundance

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

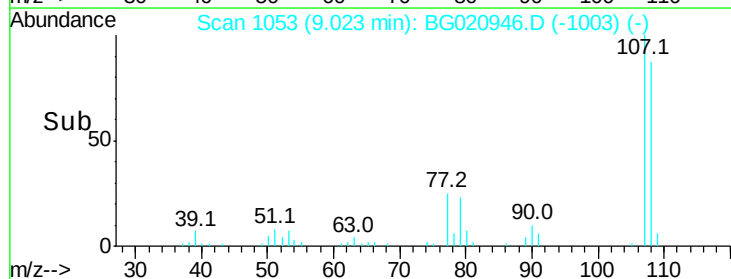
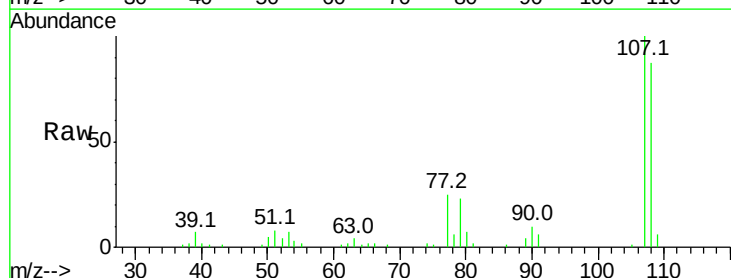
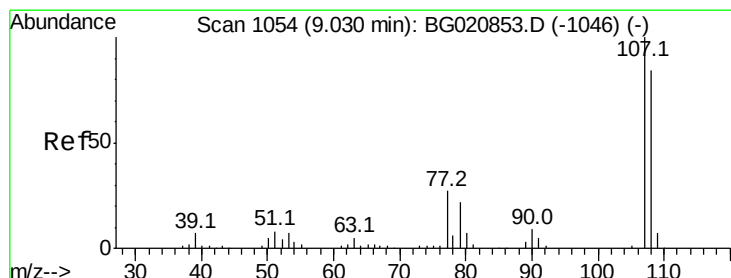
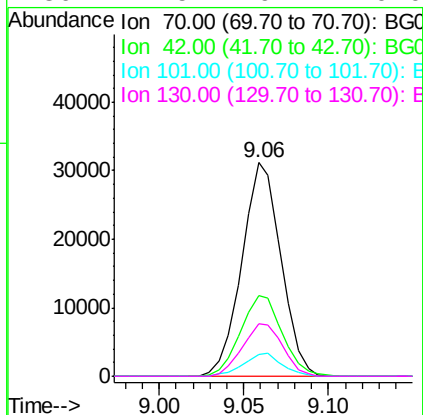




#19
n-Nitroso-di-n-propylamine
Concen: 45.48 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

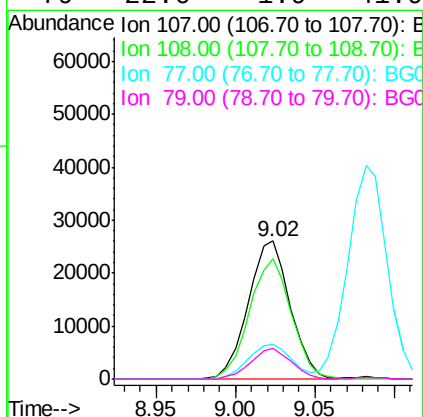
Instrument :
BNA_G
ClientSampleId :

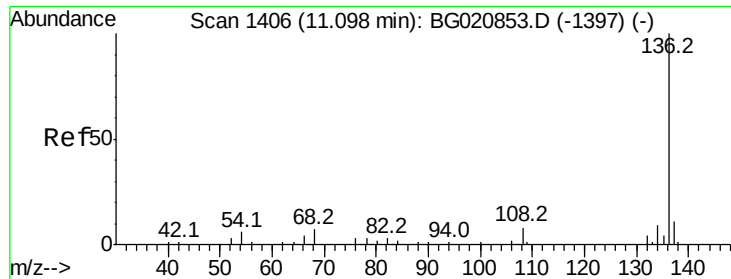
Tot Ion:	70	Resp:	50138
Ion	Ratio	Lower	Upper
70	100		
42	37.6	30.9	46.3
101	10.1	7.3	10.9
130	24.5	19.4	29.0



#20
3+4-Methylphenols
Concen: 26.42 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:	107	Resp:	47954
Ion	Ratio	Lower	Upper
107	100		
108	87.4	64.4	104.4
77	24.8	7.1	47.1
79	22.6	1.9	41.9

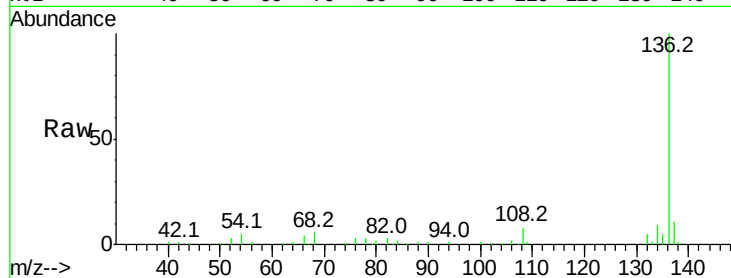




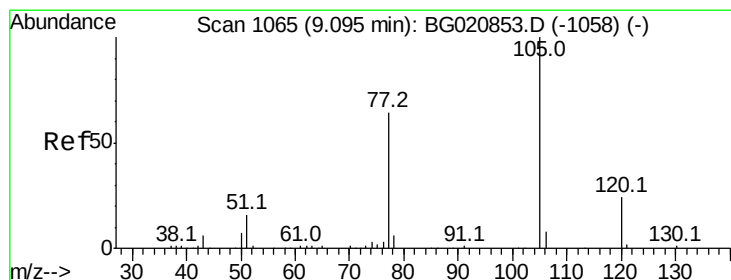
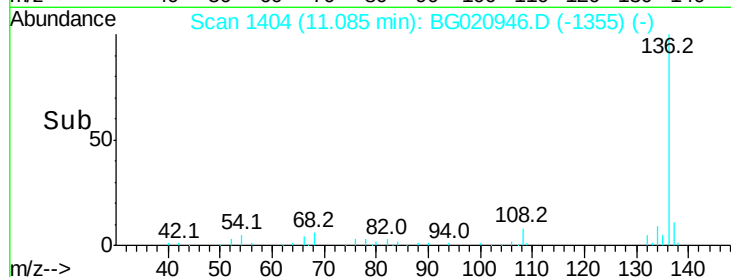
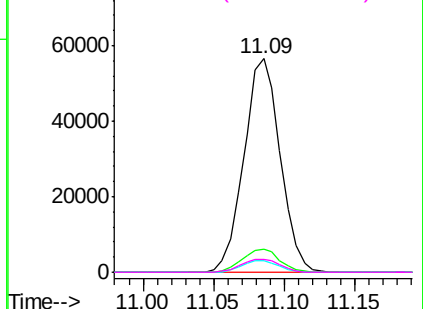
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	101571
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	5.5	5.0 7.4
68	5.9	5.2 7.8

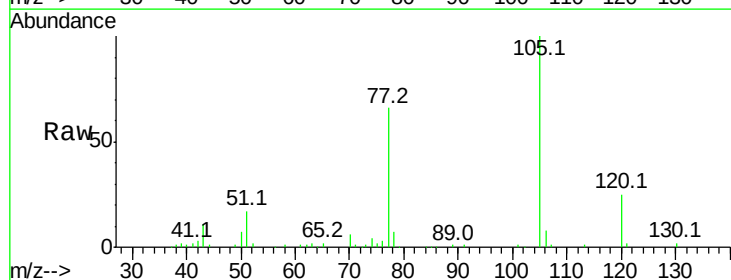


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

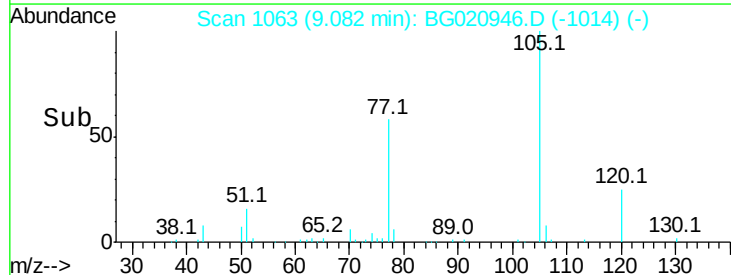
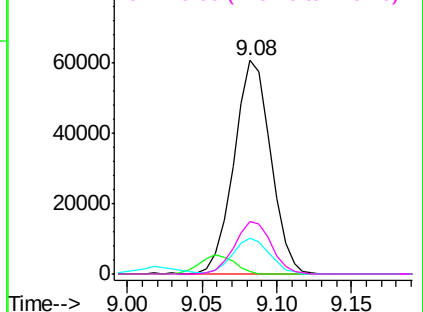


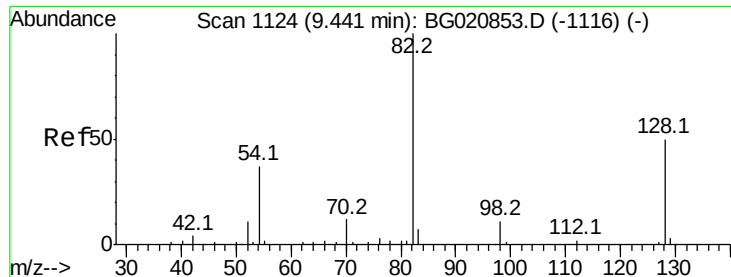
#22
Acetophenone
Concen: 42.50 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:105	Resp:	104042
Ion	Ratio	Lower Upper
105	100	
71	1.2	1.4 2.0#
51	17.0	13.7 20.5
120	24.8	19.0 28.6



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

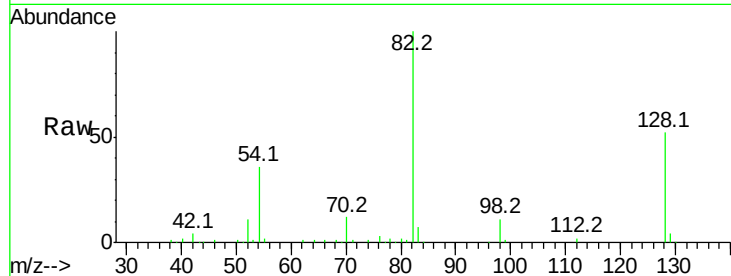




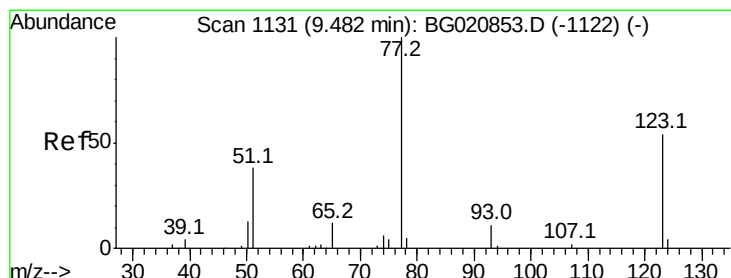
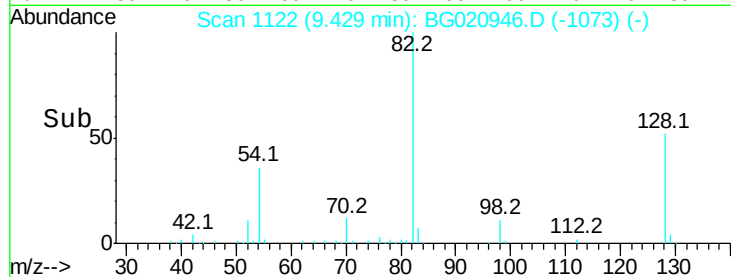
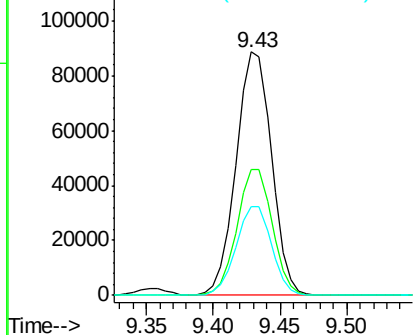
#23
Nitrobenzene-d5
Concen: 105.53 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.1	60.1
54	36.3	29.5	44.3

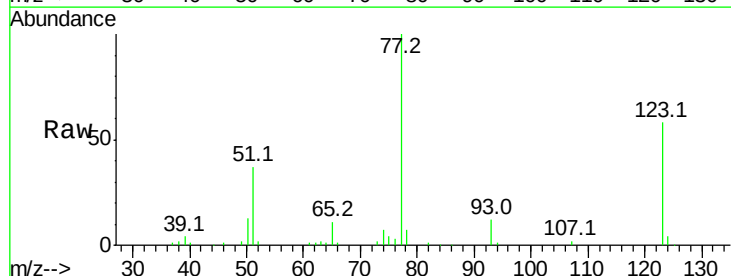


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

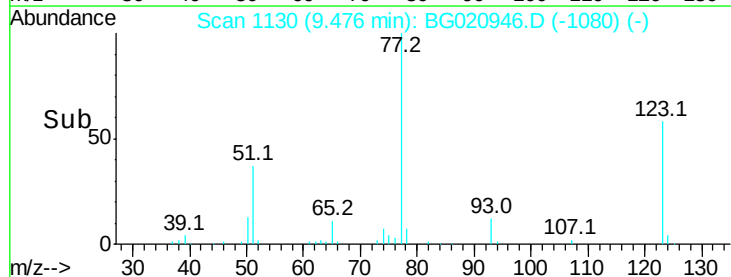
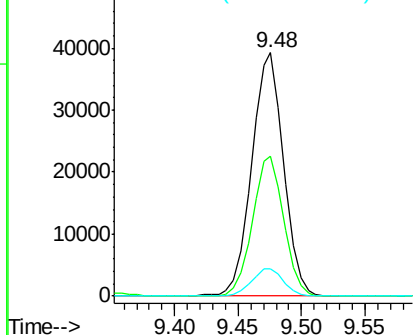


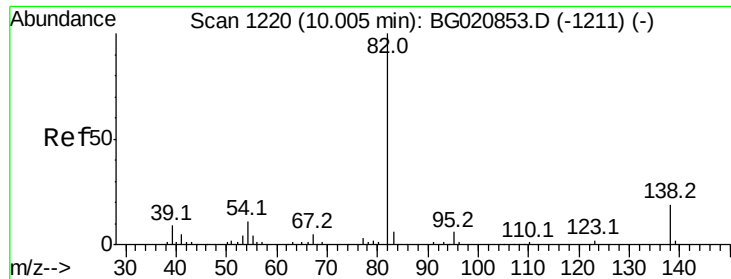
#24
Nitrobenzene
Concen: 42.41 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.7	43.2	64.8
65	11.3	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: 44.78 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

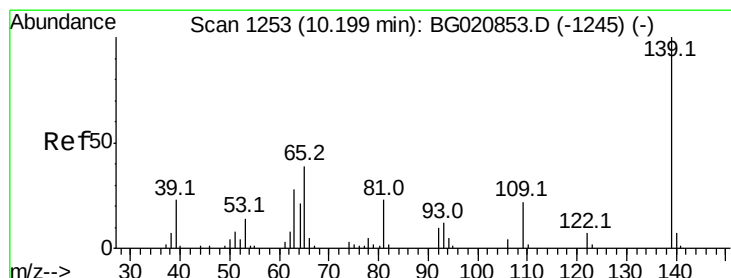
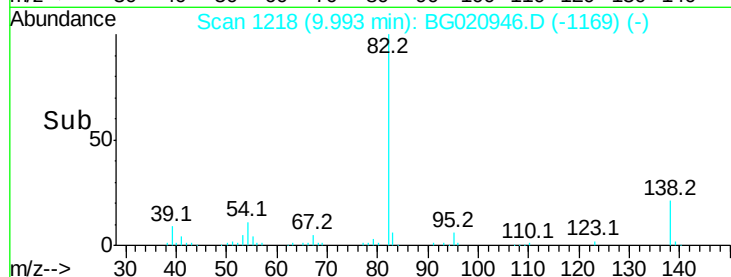
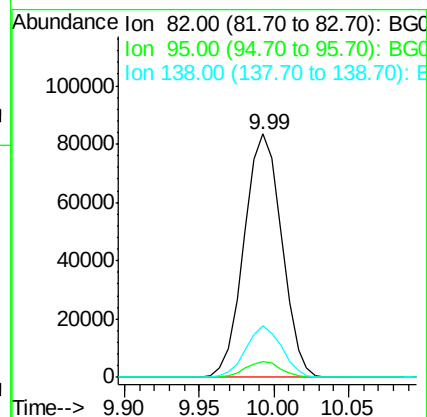
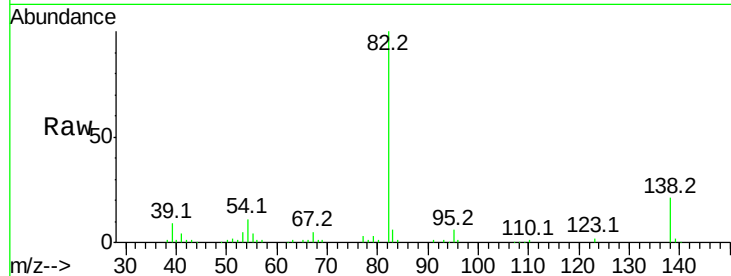
Tot Ion: 82 Resp: 145790

Ion Ratio Lower Upper

82 100

95 6.4 4.8 7.2

138 21.1 15.4 23.0



#26

2-Nitrophenol

Concen: 42.11 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

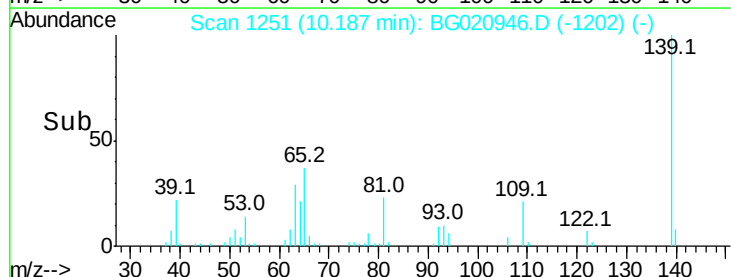
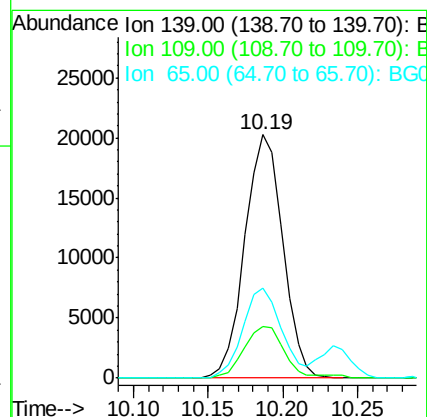
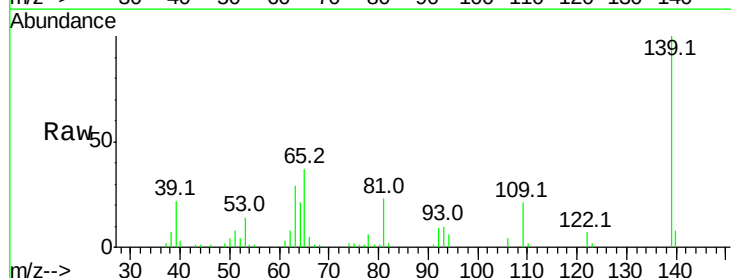
Tgt Ion: 139 Resp: 35681

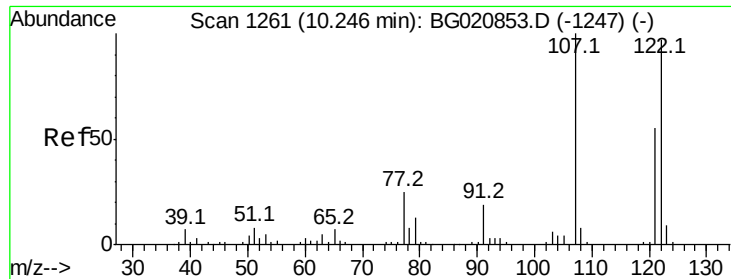
Ion Ratio Lower Upper

139 100

109 21.4 17.6 26.4

65 36.9 31.0 46.6

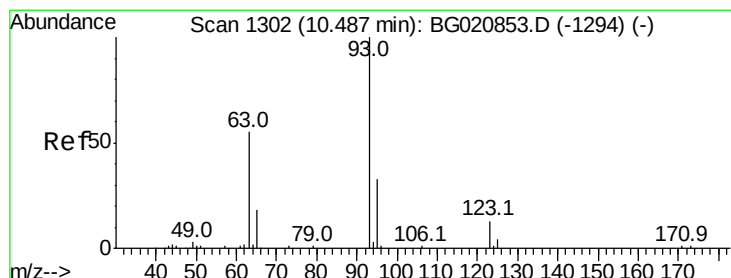
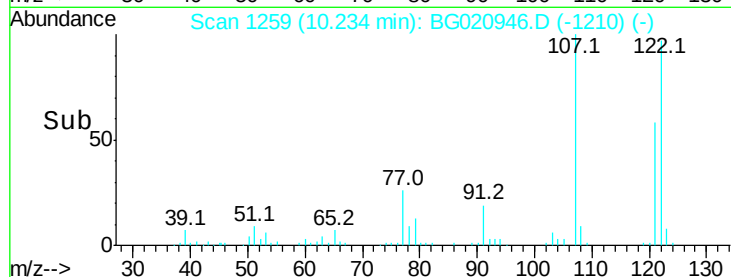
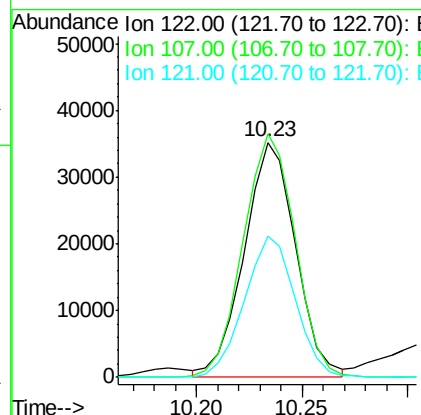
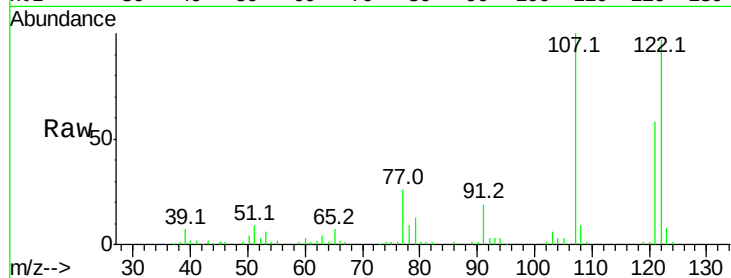




#27
 2,4-Dimethylphenol
 Concen: 36.39 ng
 RT: 10.23 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

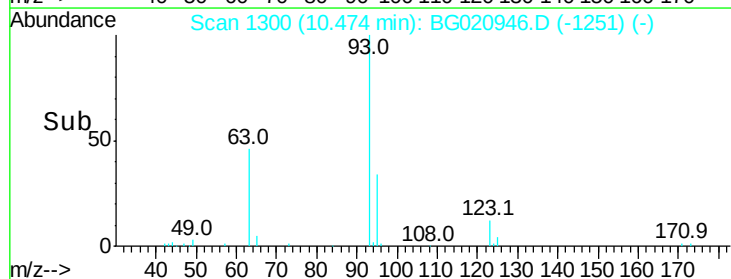
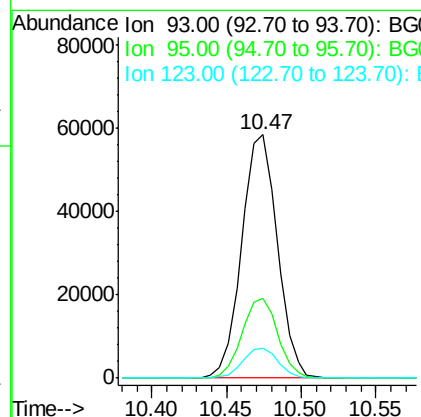
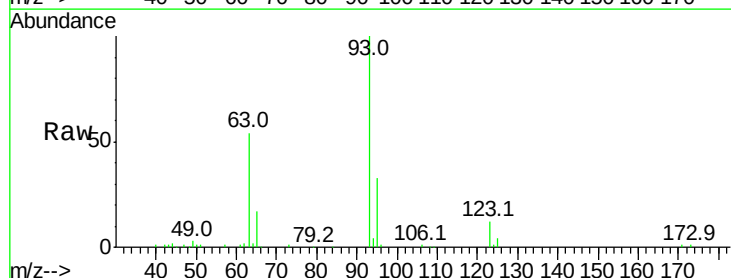
Instrument :
 BNA_G
 ClientSampled :

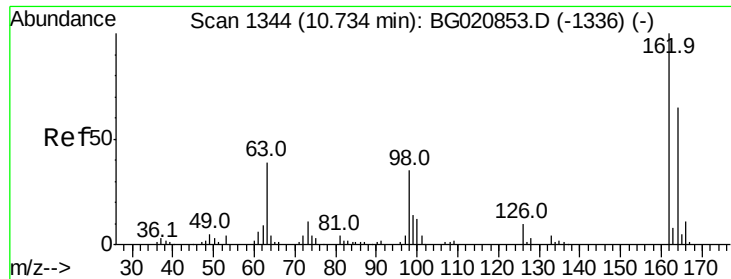
Tot Ion:	122	Resp:	59093
Ion	Ratio	Lower	Upper
122	100		
107	103.6	82.6	124.0
121	60.1	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.16 ng
 RT: 10.47 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:	93	Resp:	96625
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.2	10.0	15.0

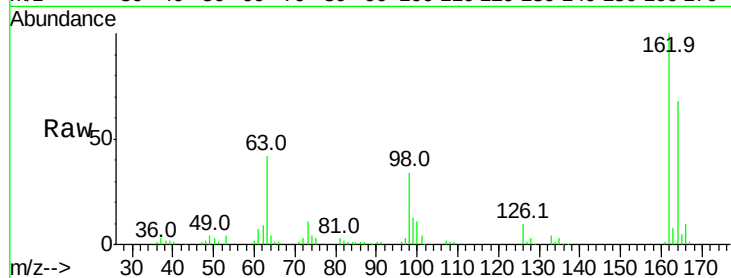




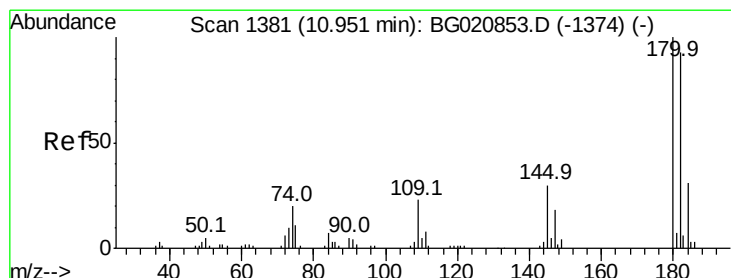
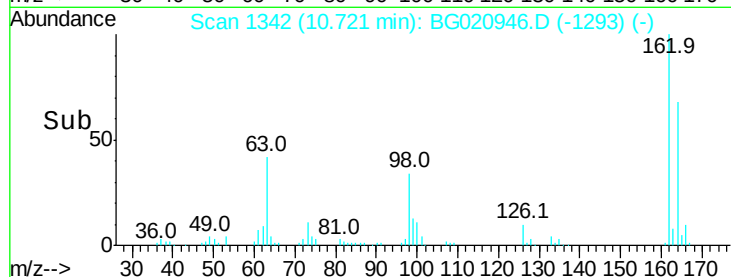
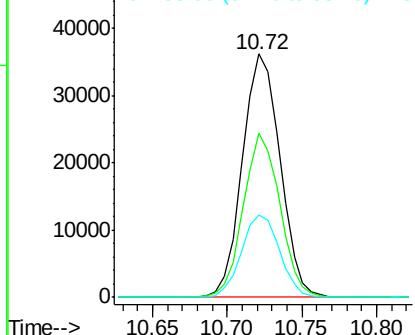
#29
 2,4-Dichlorophenol
 Concen: 43.41 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	44.5	84.5
98	33.6	14.9	54.9

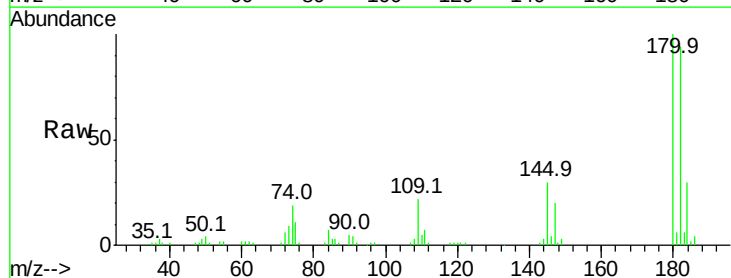


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

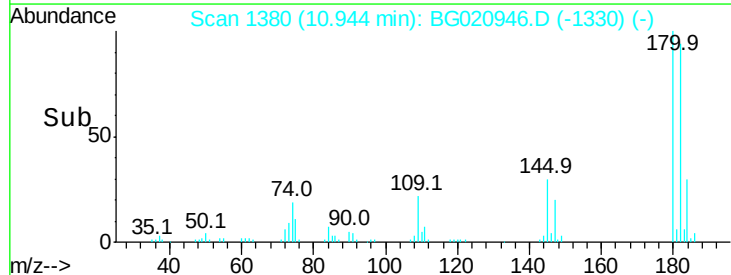
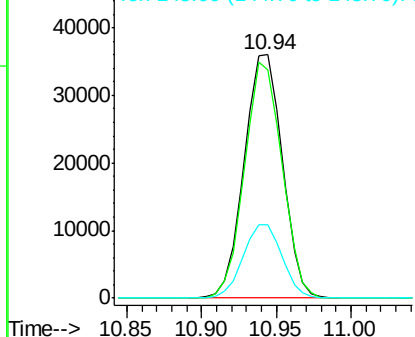


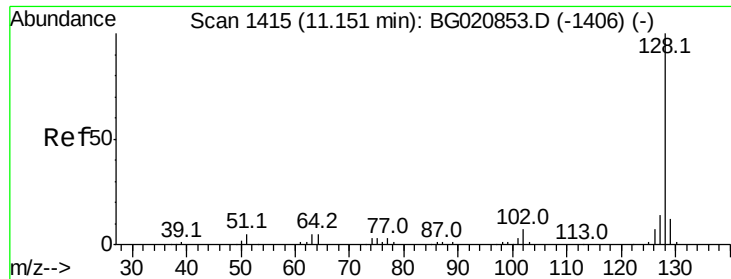
#30
 1,2,4-Trichlorobenzene
 Concen: 43.54 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.1	111.1
145	30.1	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

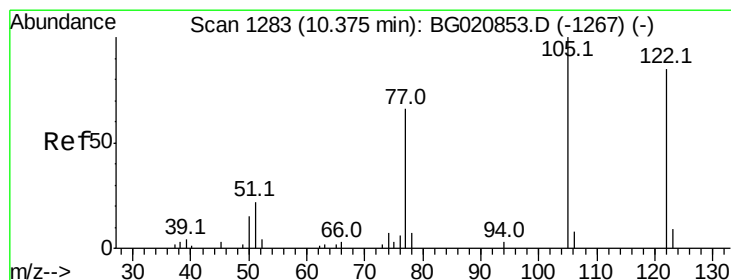
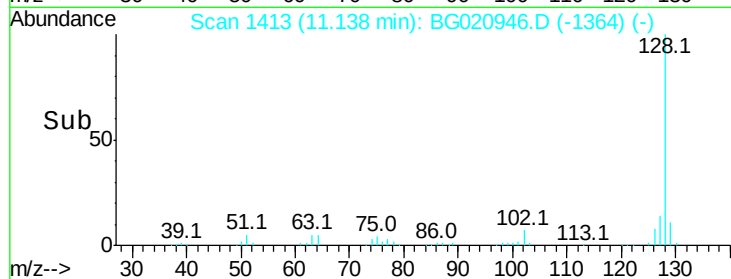
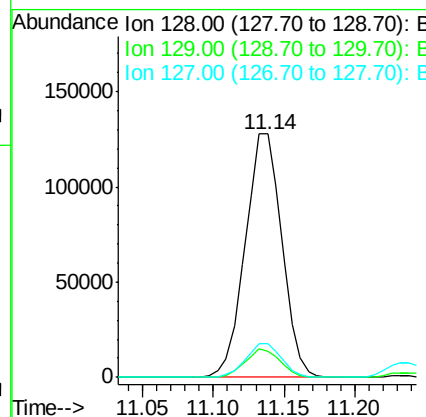
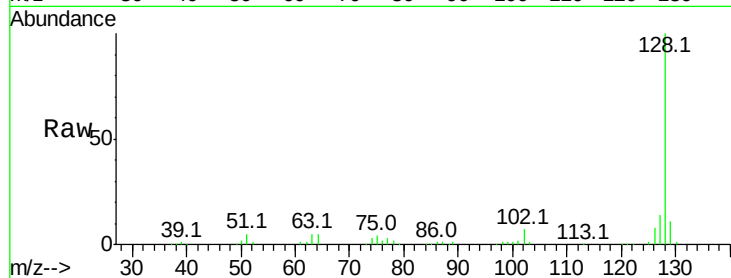




#31
Naphthalene
Concen: 43.89 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

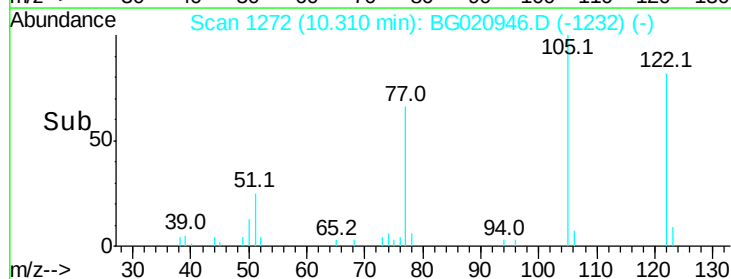
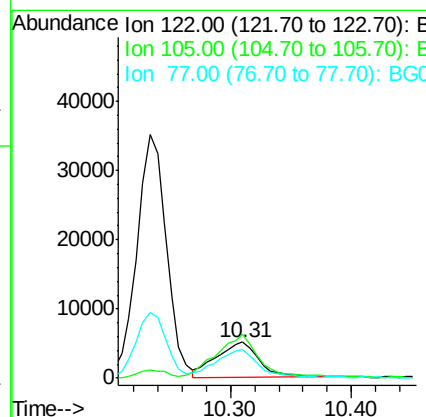
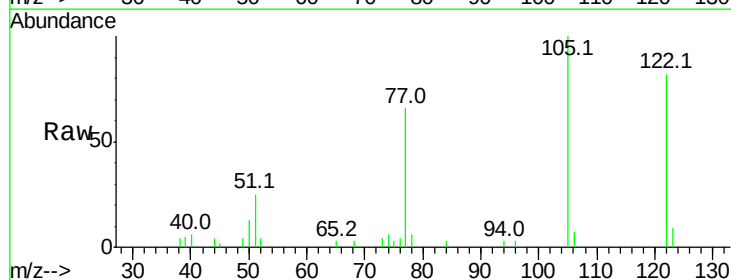
Instrument :
BNA_G
ClientSampleId :

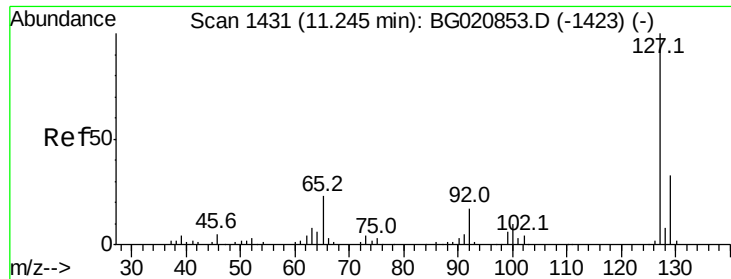
Tot Ion:128 Resp: 230641
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 9.57 ng
RT: 10.31 min Scan# 1272
Delta R.T. -0.07 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:122 Resp: 12463
Ion Ratio Lower Upper
122 100
105 121.7 94.0 134.0
77 80.0 56.8 96.8

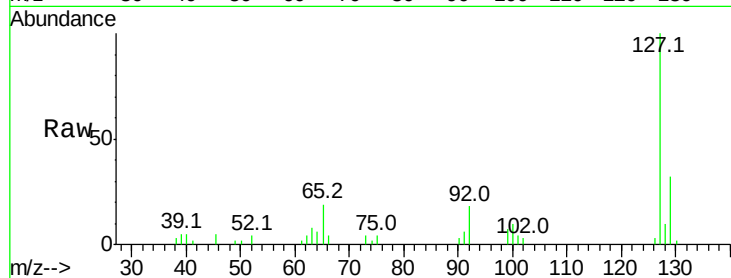




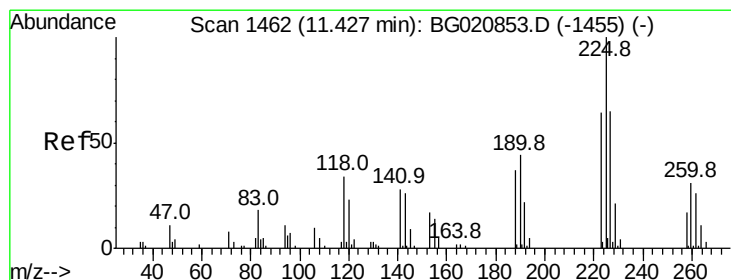
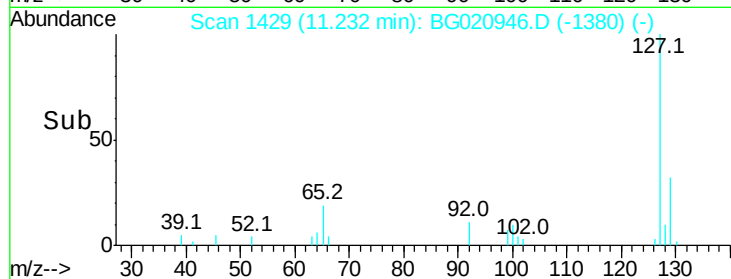
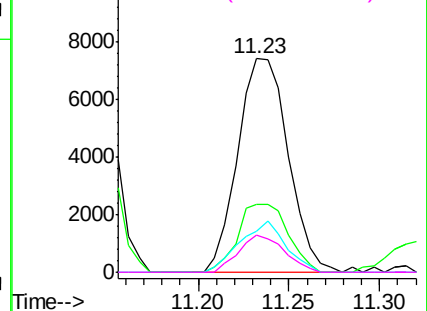
#33
4-Chloroaniline
Concen: 6.35 ng
RT: 11.23 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	14356
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	19.3	18.6	27.8
92	17.5	13.3	19.9

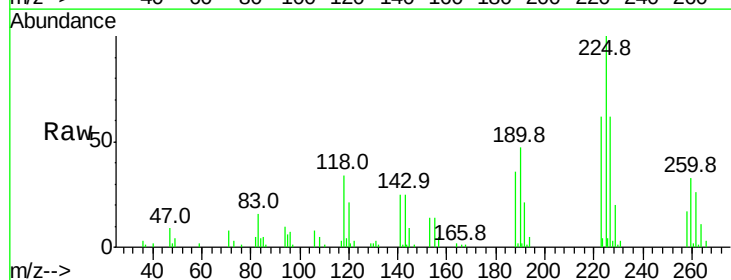


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

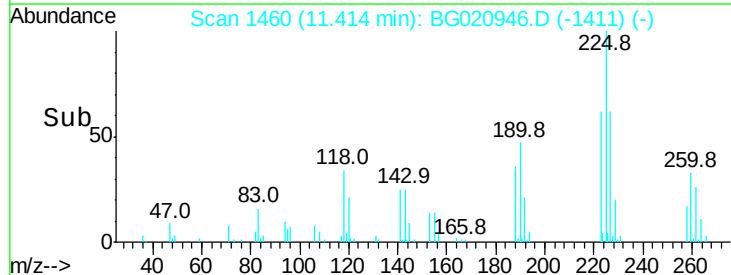
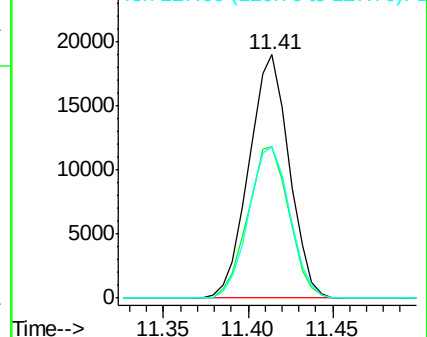


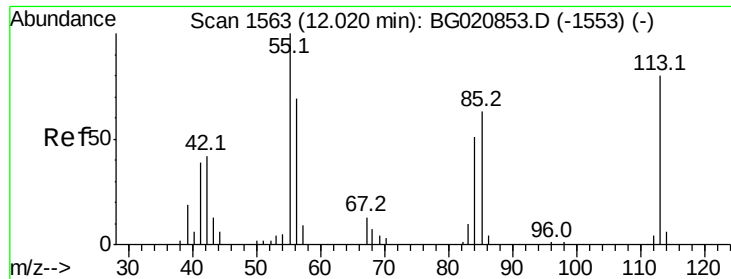
#34
Hexachlorobutadiene
Concen: 42.16 ng
RT: 11.41 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:	225	Resp:	31502
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	62.1	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: 6.79 ng

RT: 12.00 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

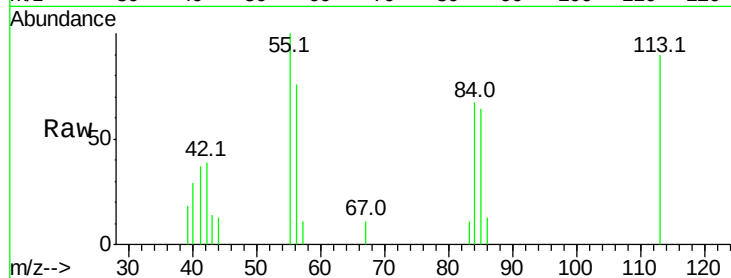
Tot Ion:113 Resp: 3785

Ion Ratio Lower Upper

113 100

55 111.7 104.4 144.4

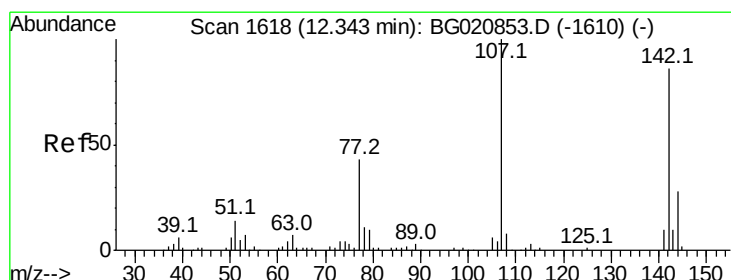
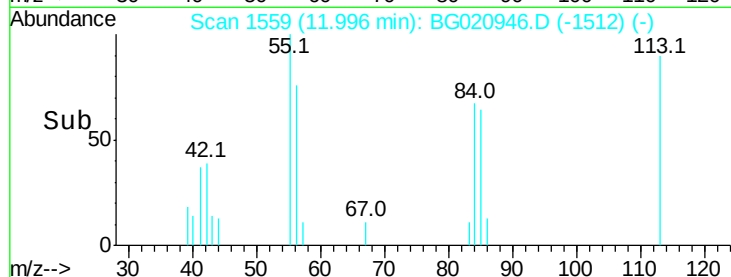
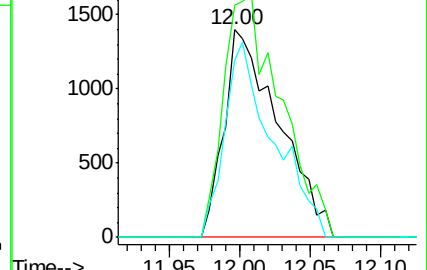
56 85.4 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.62 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

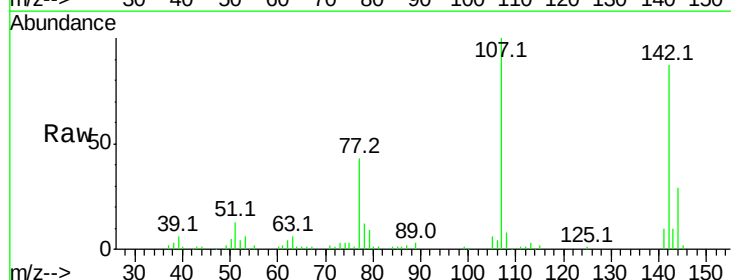
Tgt Ion:107 Resp: 66067

Ion Ratio Lower Upper

107 100

144 28.9 22.4 33.6

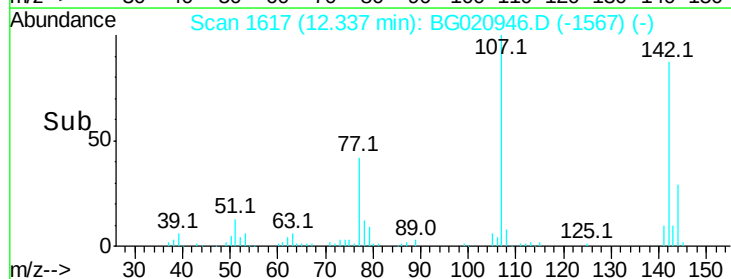
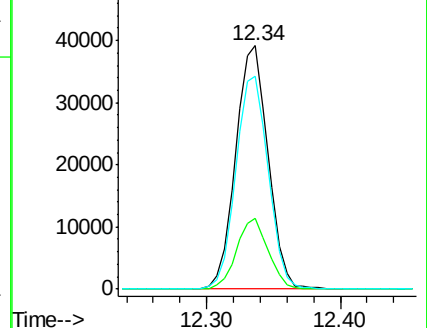
142 87.2 68.6 103.0

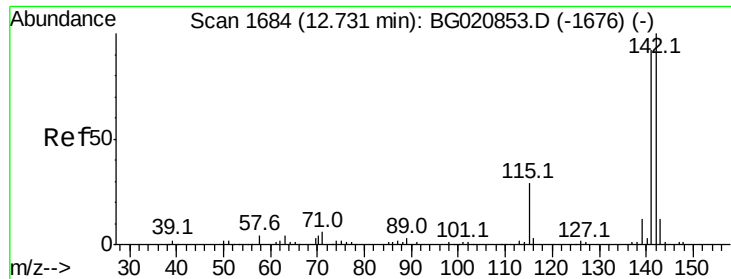


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

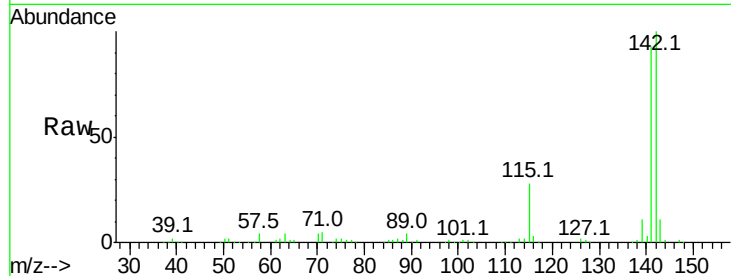




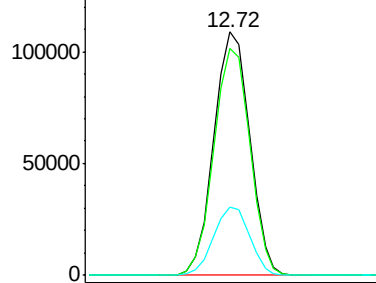
#37
 2-Methylnaphthalene
 Concen: 49.08 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampled :

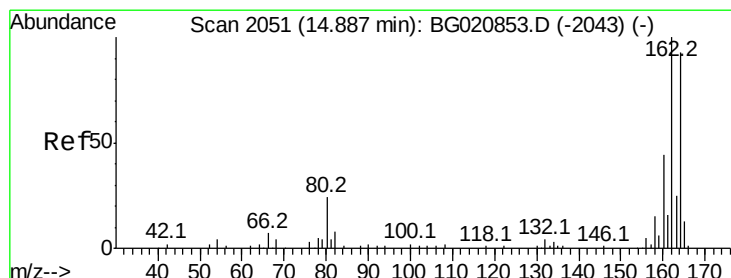
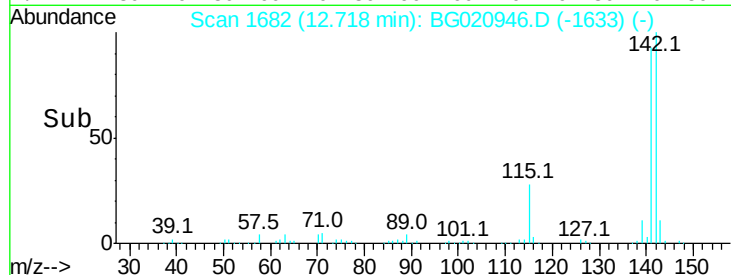
Tot Ion:142 Resp: 180929
 Ion Ratio Lower Upper
 142 100
 141 93.2 73.4 110.2
 115 28.2 23.0 34.6



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

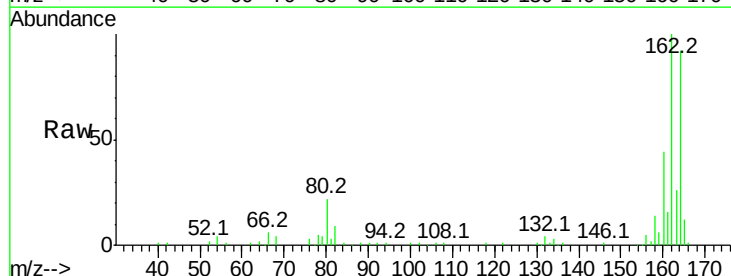


Time-->

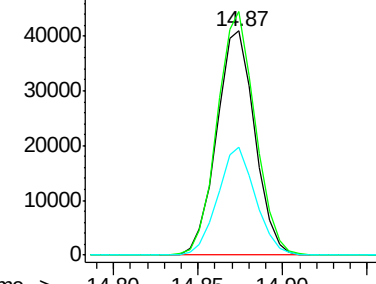


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

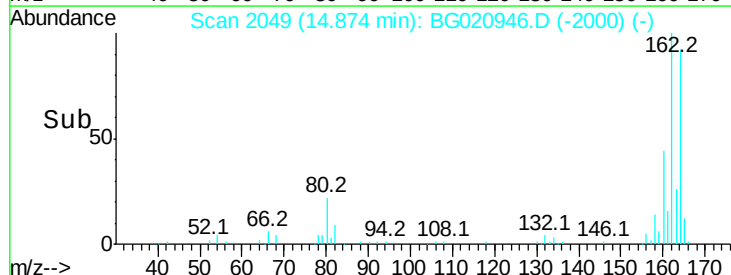
Tgt Ion:164 Resp: 63948
 Ion Ratio Lower Upper
 164 100
 162 108.7 85.7 128.5
 160 47.9 37.4 56.0

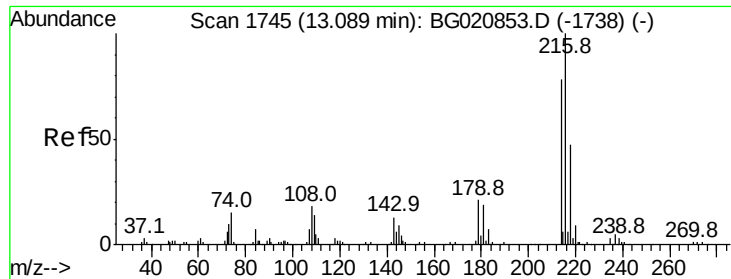


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 13.08 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 75456

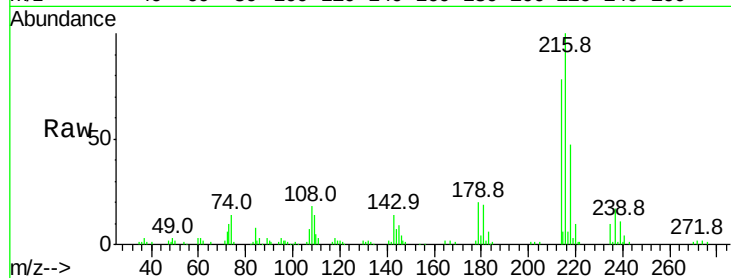
Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

179 20.6 16.5 24.7

108 20.5 15.1 22.7

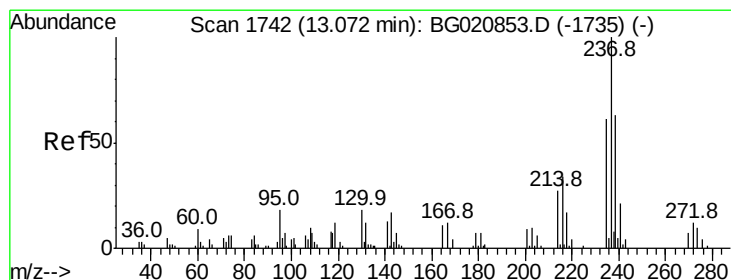
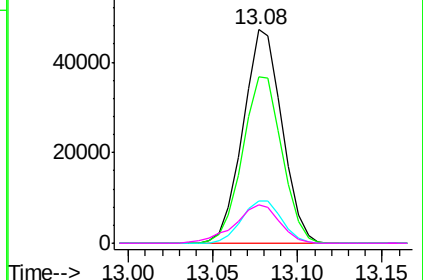
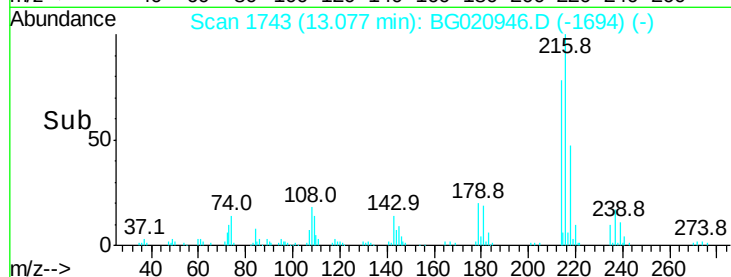


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.66 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

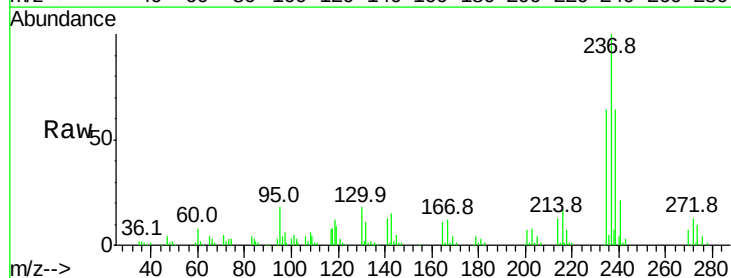
Tgt Ion:237 Resp: 70696

Ion Ratio Lower Upper

237 100

235 63.7 40.8 80.8

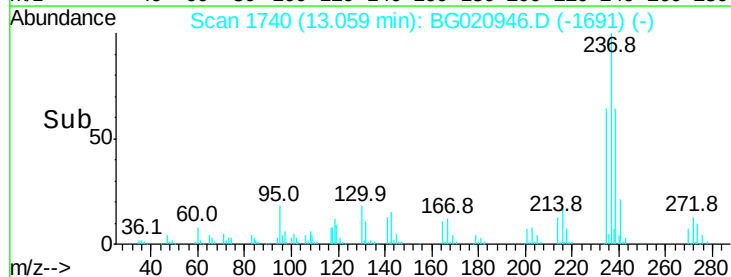
272 13.0 0.0 32.3



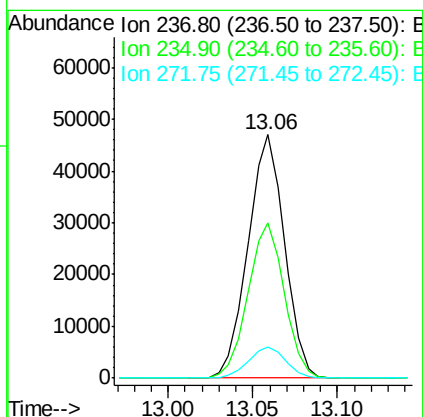
Abundance Ion 236.80 (236.50 to 237.50): E

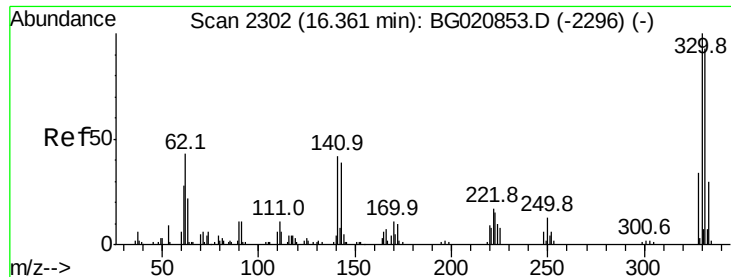
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 169.22 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

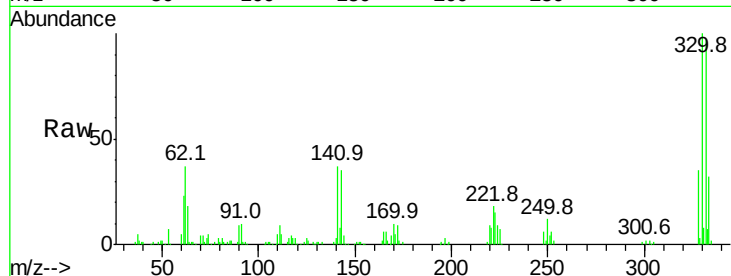
Tot Ion:330 Resp: 106416

Ion Ratio Lower Upper

330 100

332 96.4 76.1 114.1

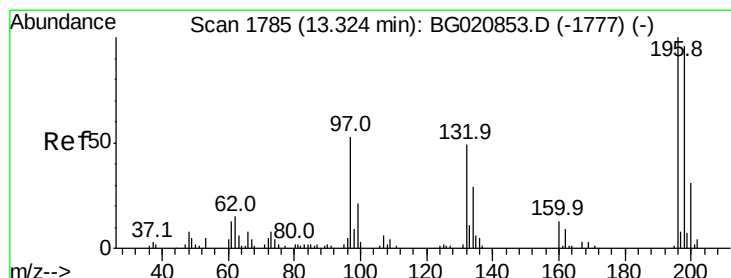
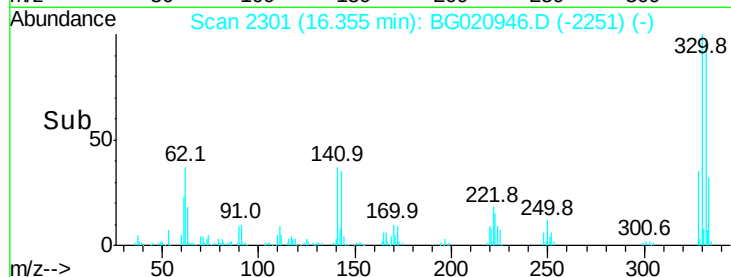
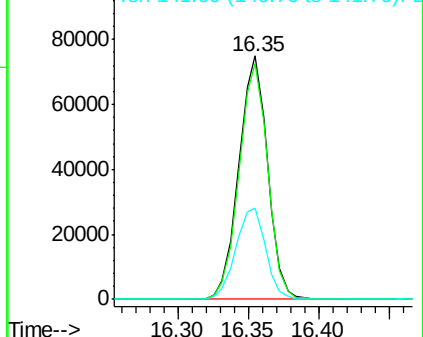
141 38.9 32.0 48.0



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: 42.67 ng

RT: 13.31 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

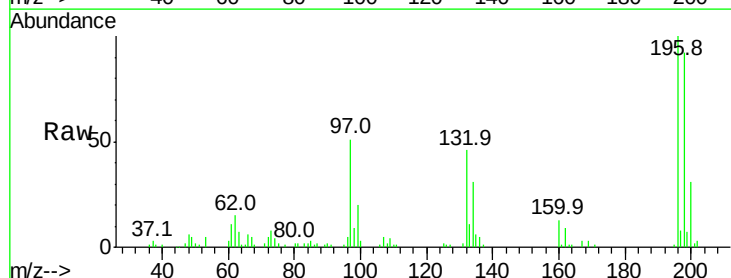
Tgt Ion:196 Resp: 53773

Ion Ratio Lower Upper

196 100

198 92.2 77.1 115.7

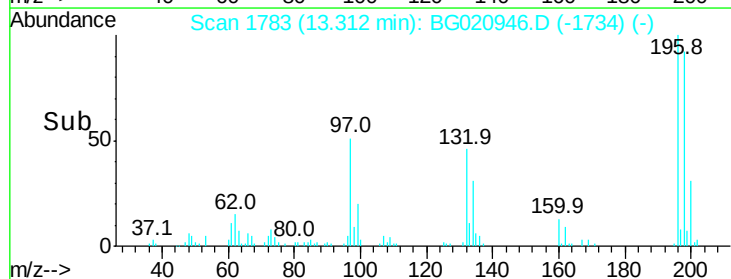
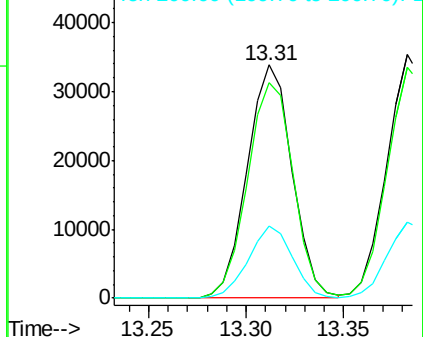
200 30.9 24.7 37.1

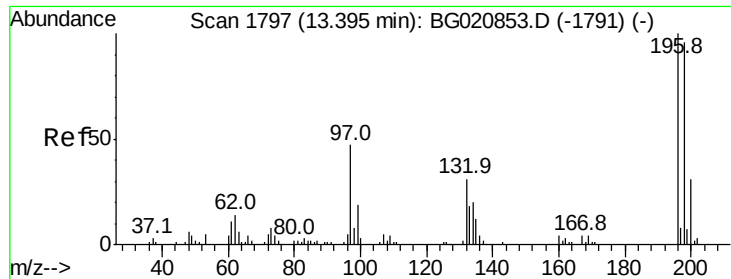


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

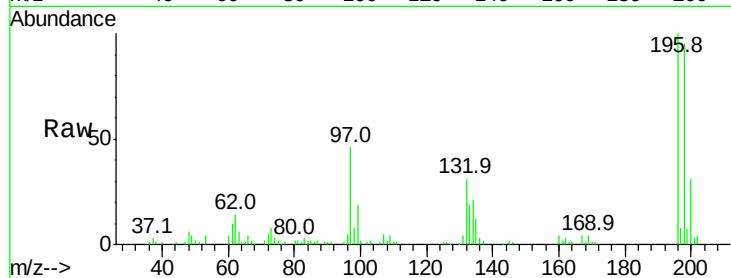




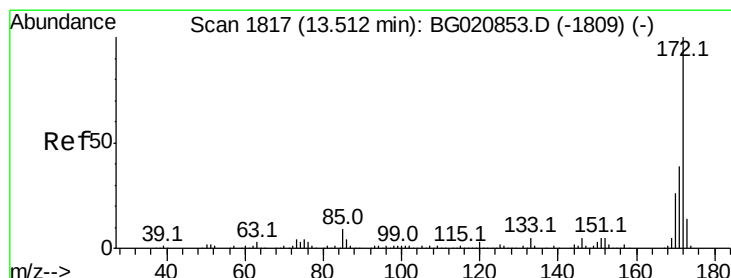
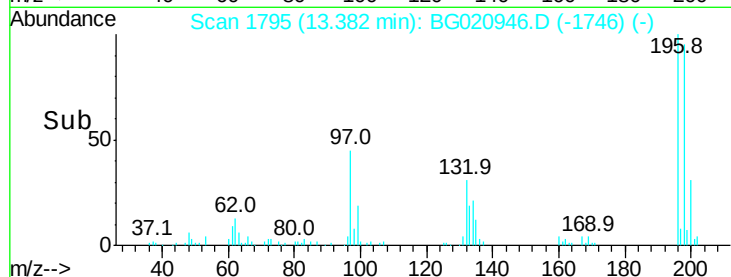
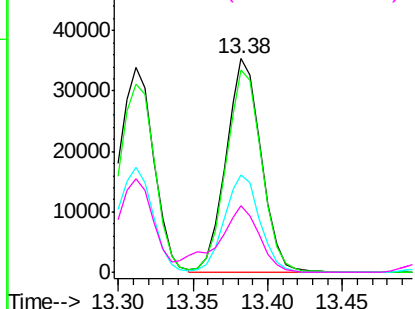
#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 58189
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.4 114.6
 97 45.7 37.4 56.0
 132 31.0 24.7 37.1

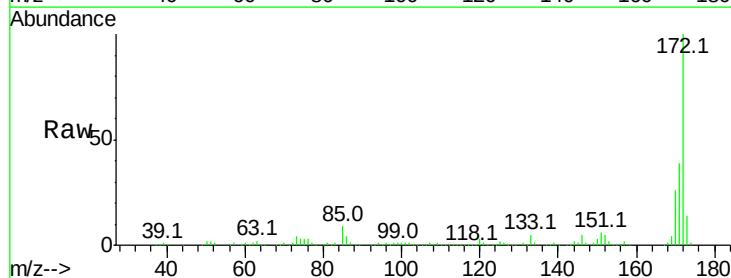


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

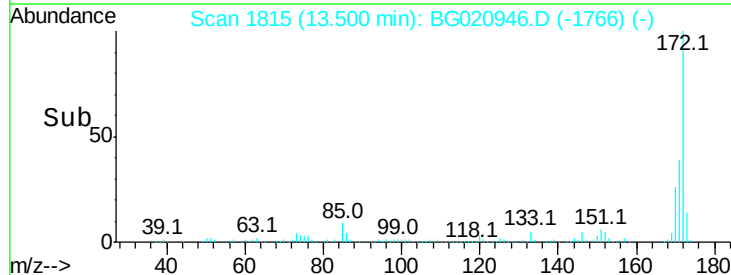
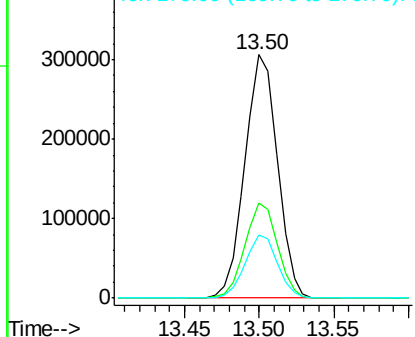


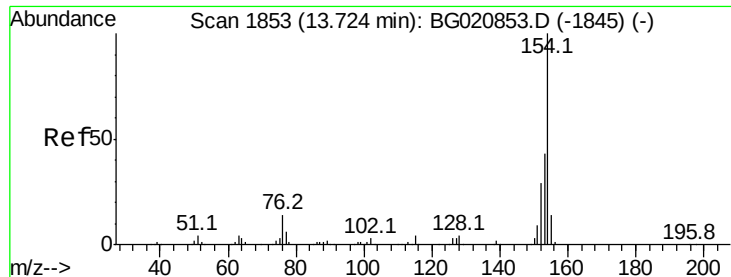
#44
 2-Fluorobiphenyl
 Concen: 101.50 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:172 Resp: 462068
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.2 46.8
 170 25.8 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: 42.07 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

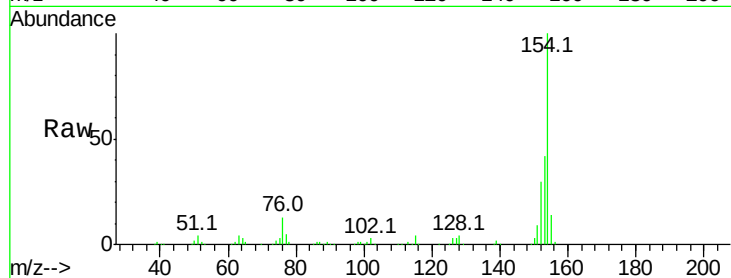
Tot Ion:154 Resp: 237308

Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

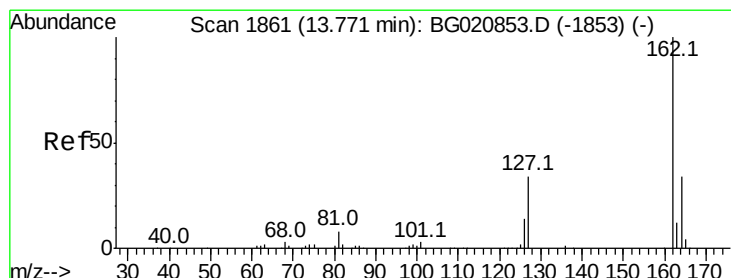
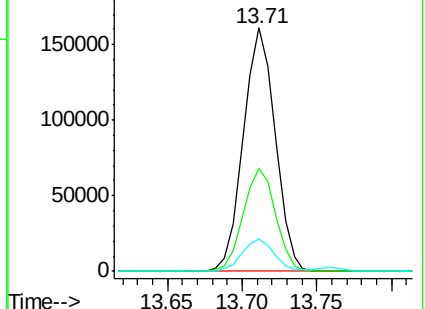
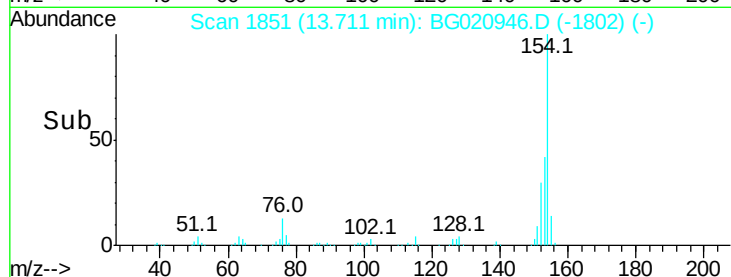
76 13.3 0.0 33.8



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): B



#46

2-Chloronaphthalene

Concen: 43.42 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

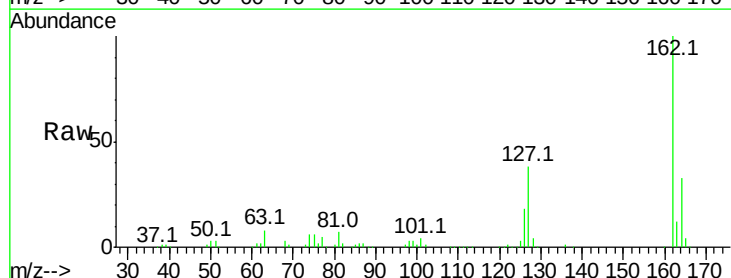
Tgt Ion:162 Resp: 175386

Ion Ratio Lower Upper

162 100

127 38.3 30.6 45.8

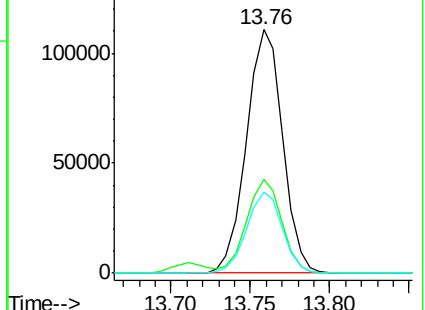
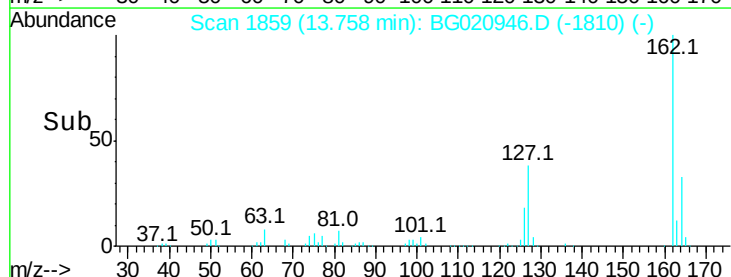
164 33.5 26.8 40.2

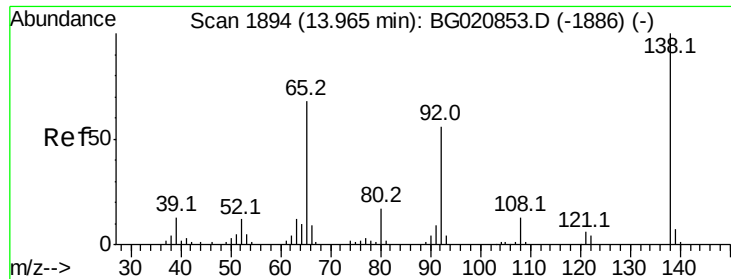


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

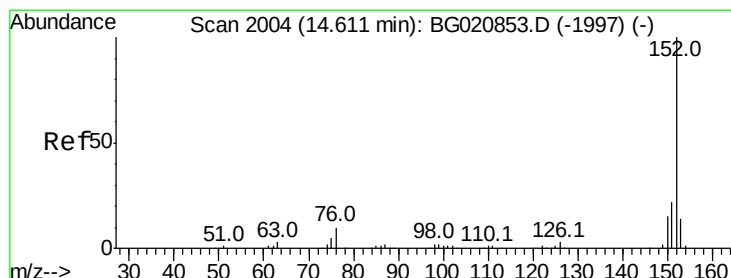
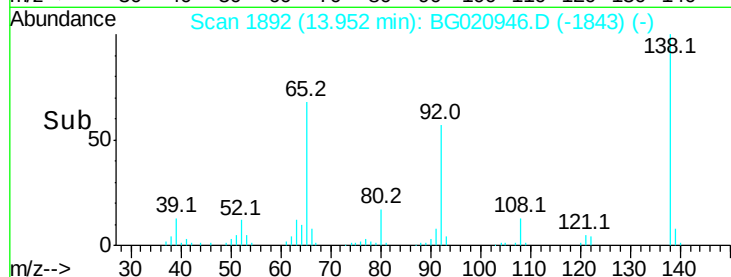
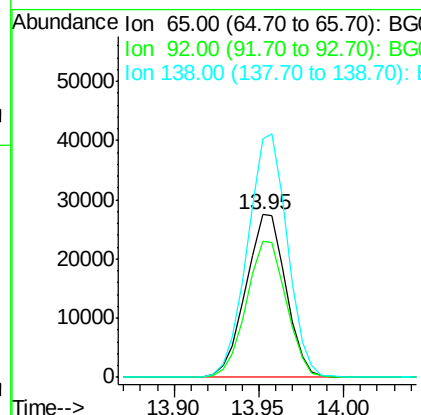
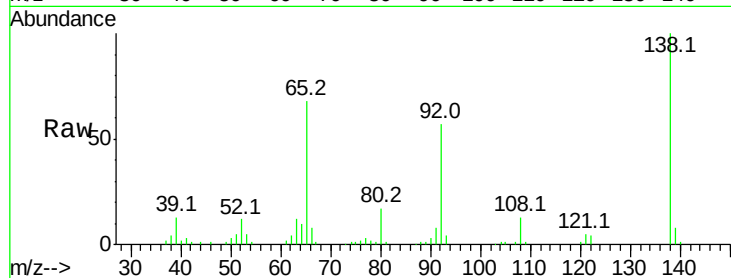




#47
2-Nitroaniline
Concen: 46.93 ng
RT: 13.95 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

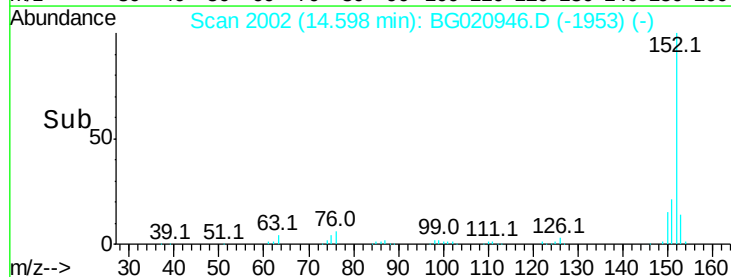
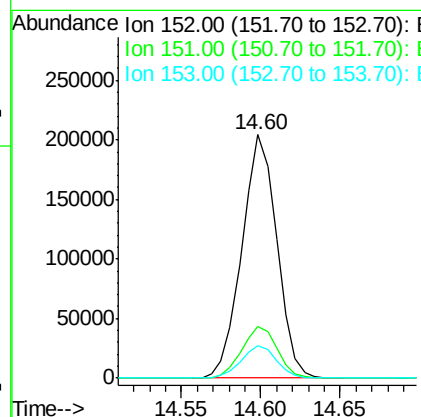
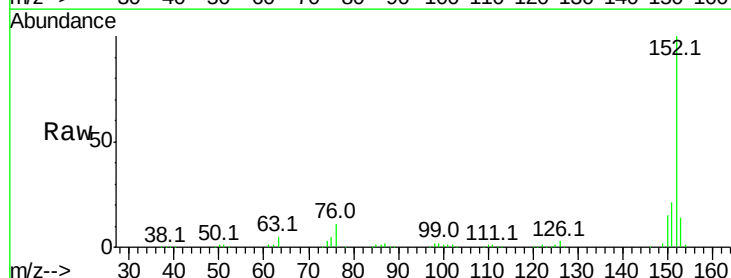
Instrument :
BNA_G
ClientSampled :

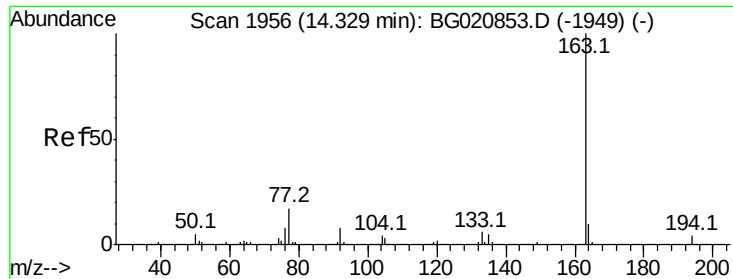
Tot Ion: 65 Resp: 45395
Ion Ratio Lower Upper
65 100
92 83.7 65.8 98.8
138 146.6 117.1 175.7



#48
Acenaphthylene
Concen: 44.45 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:152 Resp: 312196
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 49.34 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

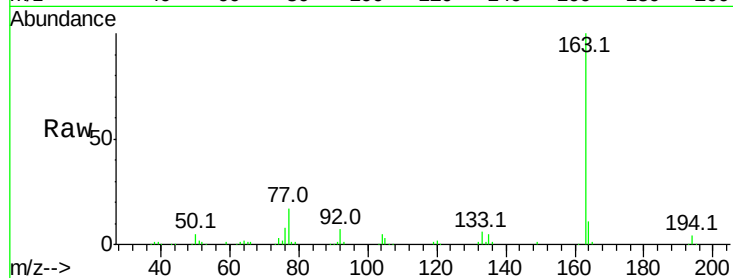
Tot Ion:163 Resp: 246734

Ion Ratio Lower Upper

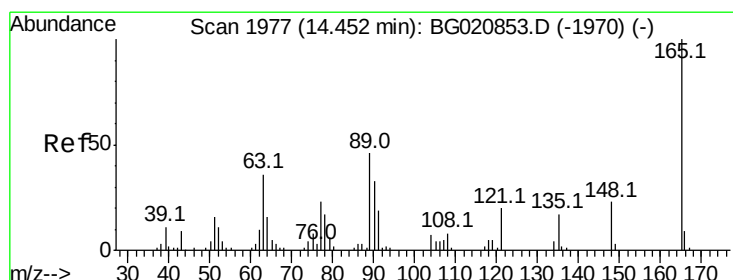
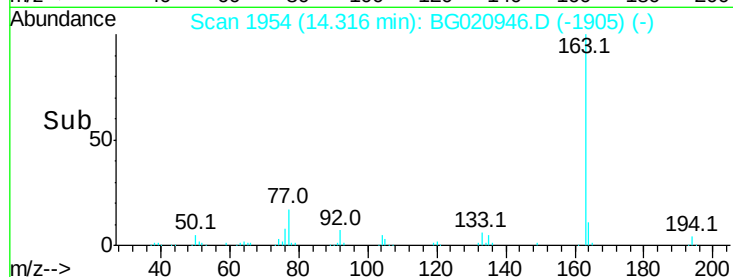
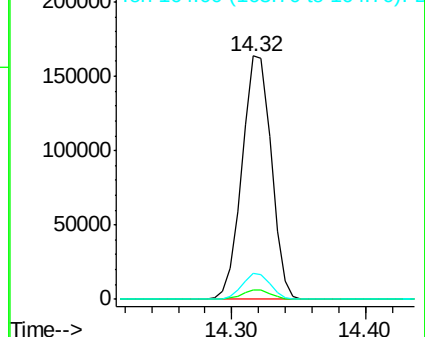
163 100

194 3.8 3.1 4.7

164 10.6 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: 48.76 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

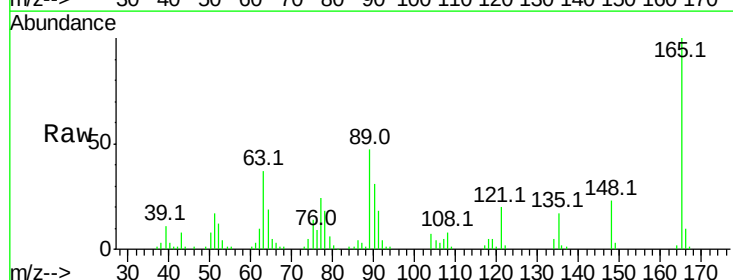
Tgt Ion:165 Resp: 52251

Ion Ratio Lower Upper

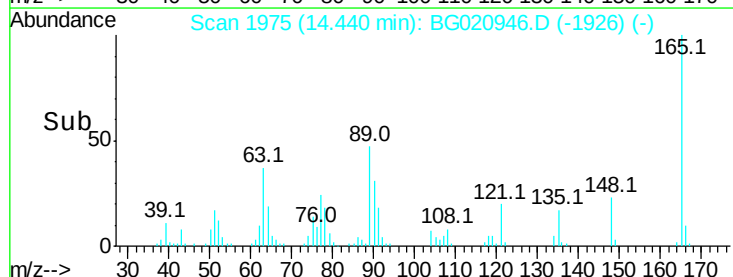
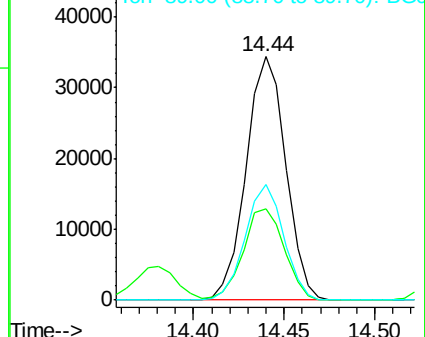
165 100

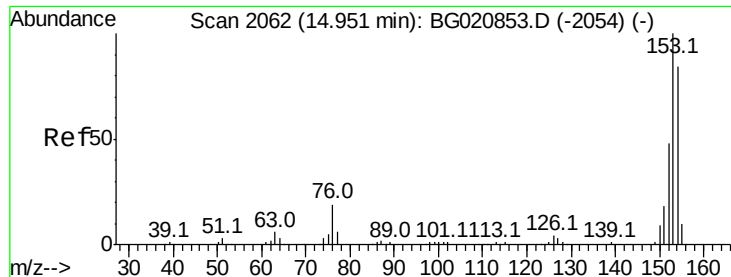
63 37.4 30.3 45.5

89 47.4 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 48.56 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

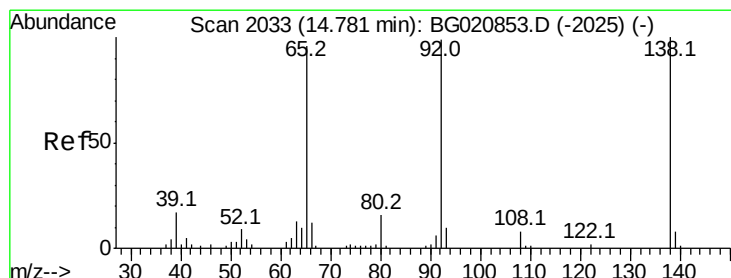
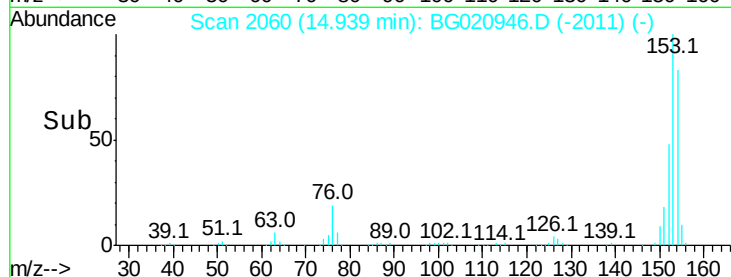
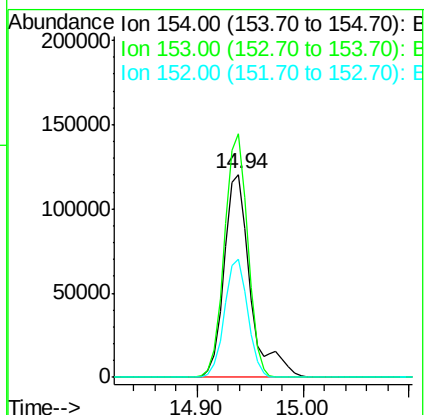
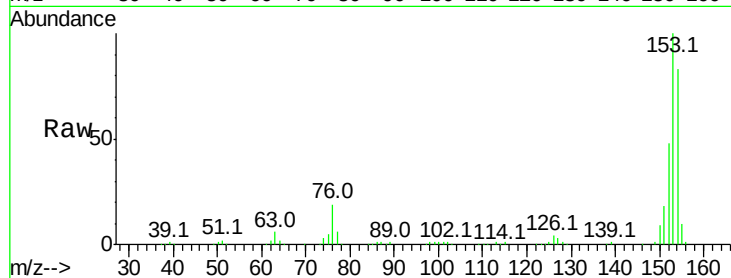
Tot Ion:154 Resp: 206767

Ion Ratio Lower Upper

154 100

153 120.0 95.4 143.0

152 58.1 46.1 69.1



#52

3-Nitroaniline

Concen: 9.43 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

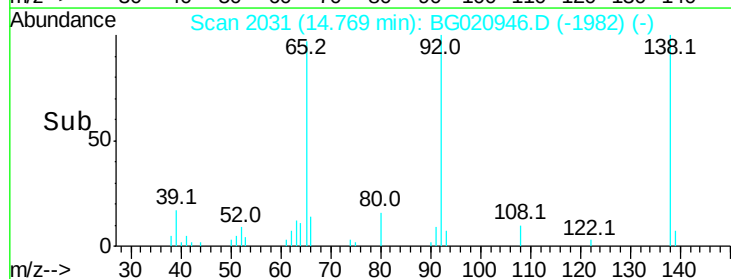
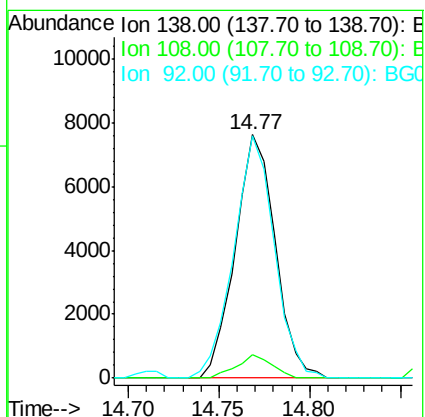
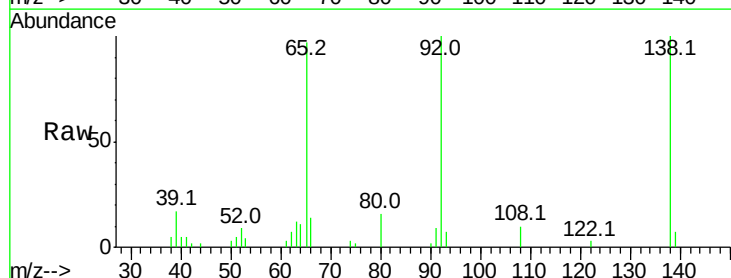
Tgt Ion:138 Resp: 11742

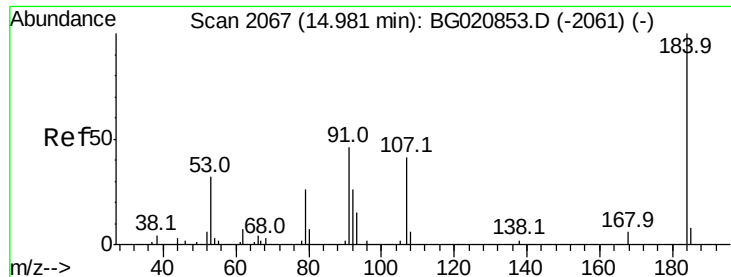
Ion Ratio Lower Upper

138 100

108 9.6 6.2 9.2#

92 99.6 79.5 119.3

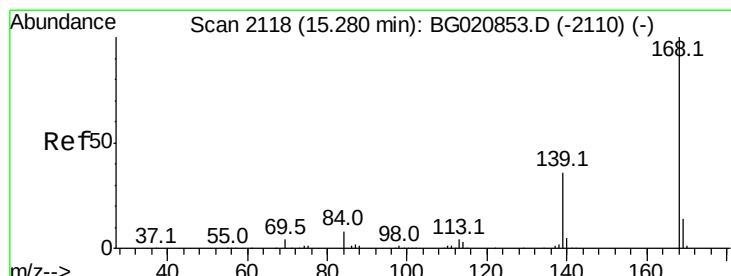
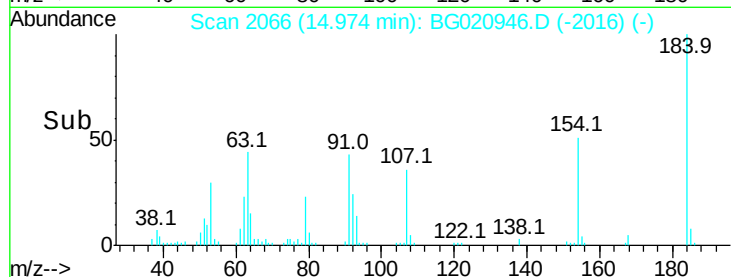
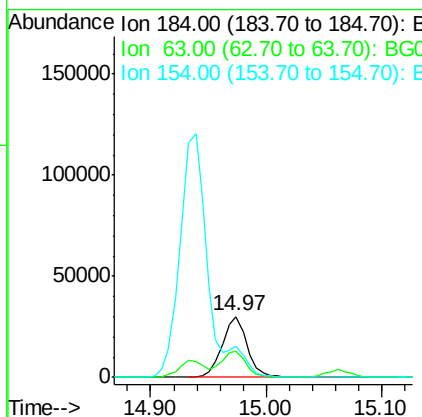
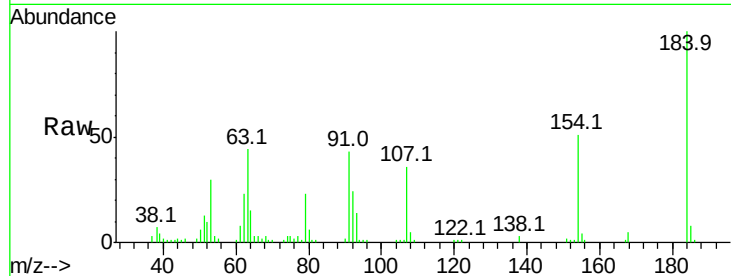




#53
 2,4-Dinitrophenol
 Concen: 96.74 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

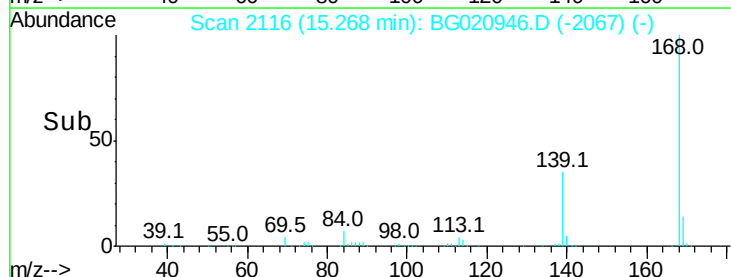
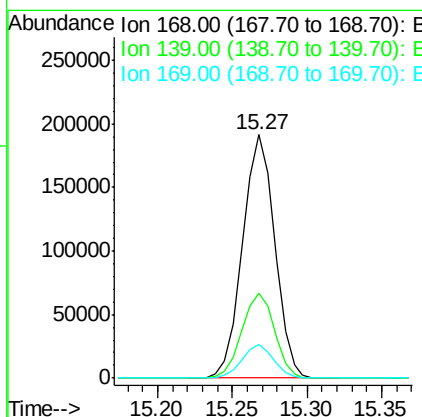
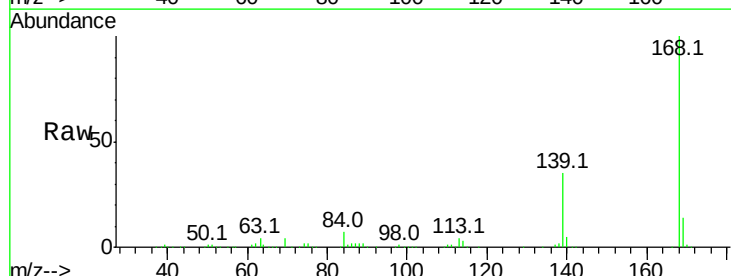
Instrument :
 BNA_G
 ClientSampleId :

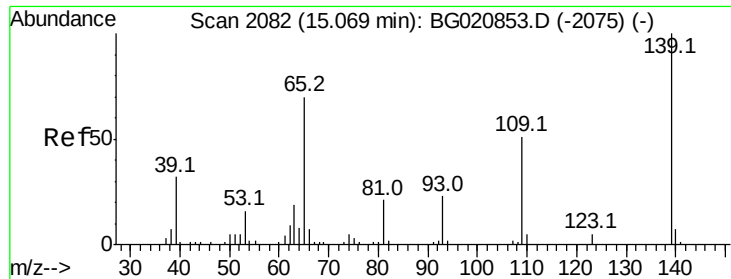
Tot Ion:184 Resp: 44852
 Ion Ratio Lower Upper
 184 100
 63 43.7 39.8 59.6
 154 51.0 48.1 72.1



#54
 Dibenzofuran
 Concen: 50.70 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:168 Resp: 285592
 Ion Ratio Lower Upper
 168 100
 139 34.7 28.5 42.7
 169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 30.44 ng

RT: 15.06 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

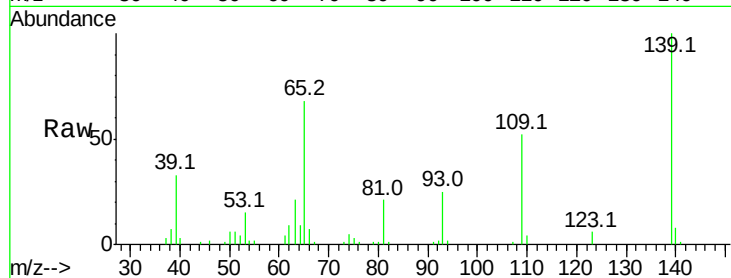
Tot Ion:139 Resp: 28622

Ion Ratio Lower Upper

139 100

109 51.5 31.0 71.0

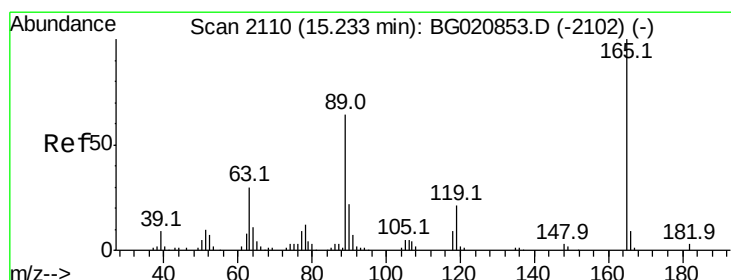
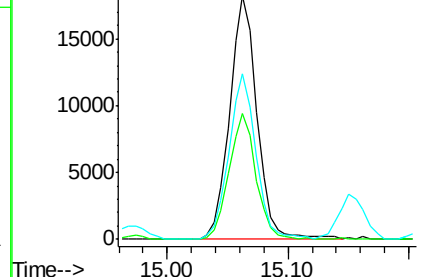
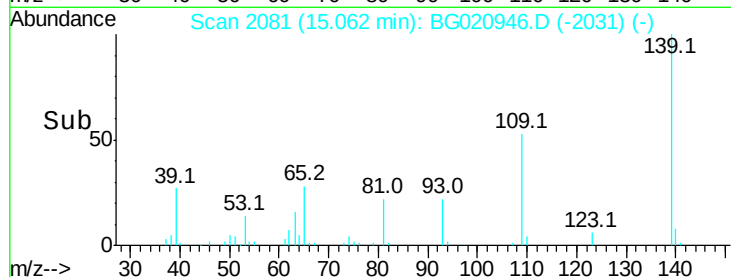
65 68.2 49.6 89.6



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: 52.65 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Tgt Ion:165 Resp: 72920

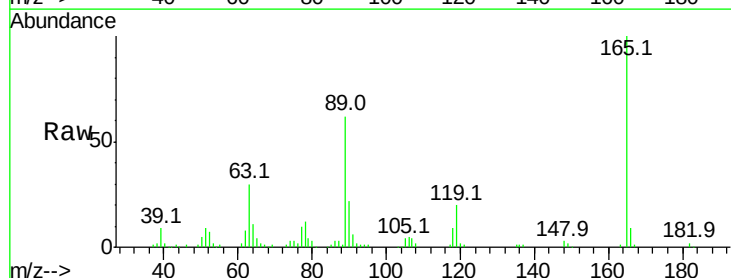
Ion Ratio Lower Upper

165 100

63 30.0 23.7 35.5

89 62.0 50.9 76.3

182 2.5 2.2 3.2

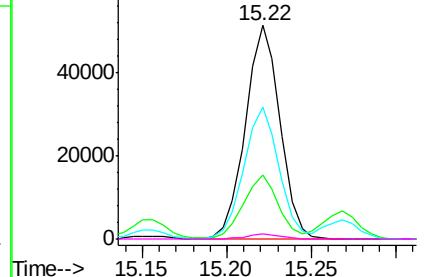
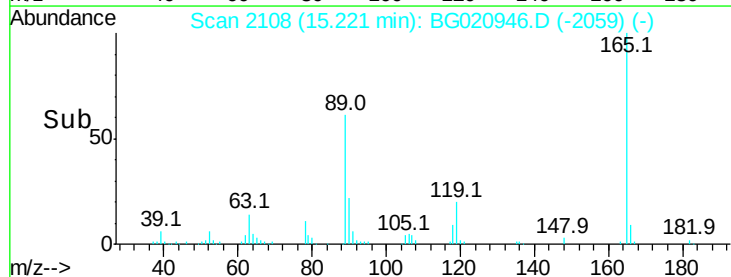


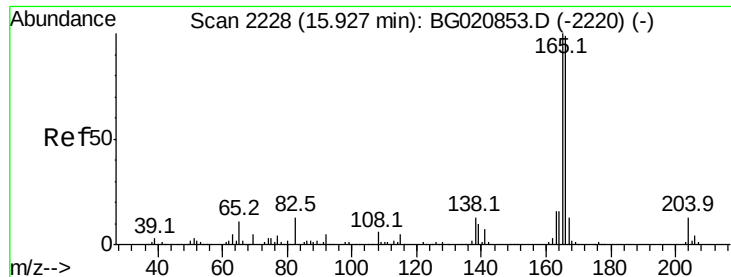
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.94 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

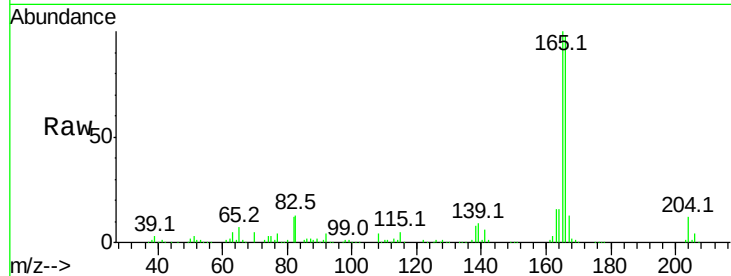
Tot Ion:166 Resp: 248635

Ion Ratio Lower Upper

166 100

165 102.1 81.0 121.4

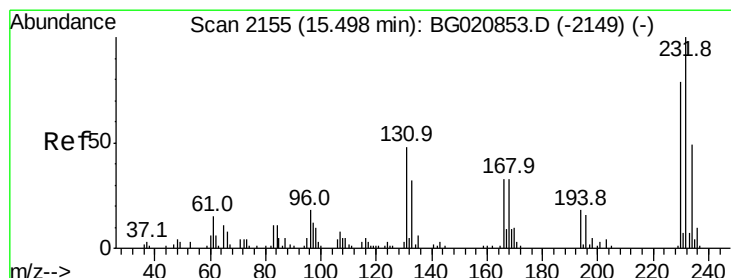
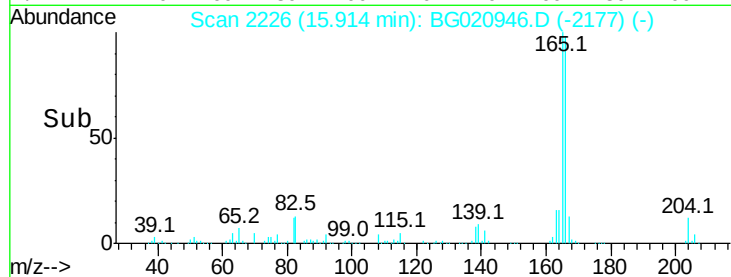
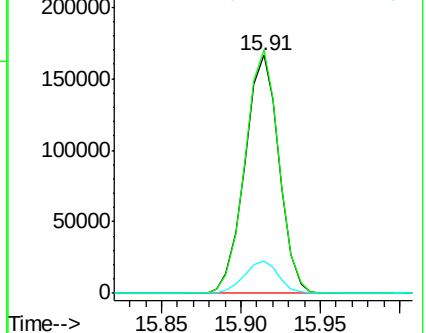
167 13.7 10.8 16.2



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: 50.54 ng

RT: 15.49 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Tgt Ion:232 Resp: 51026

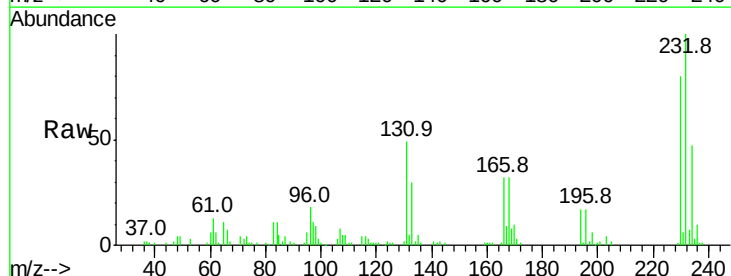
Ion Ratio Lower Upper

232 100

131 48.3 39.2 58.8

130 2.2 2.0 3.0

166 31.9 25.8 38.8

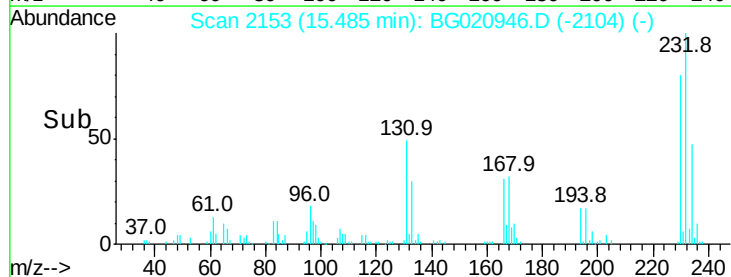
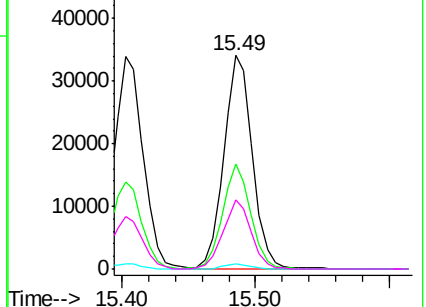


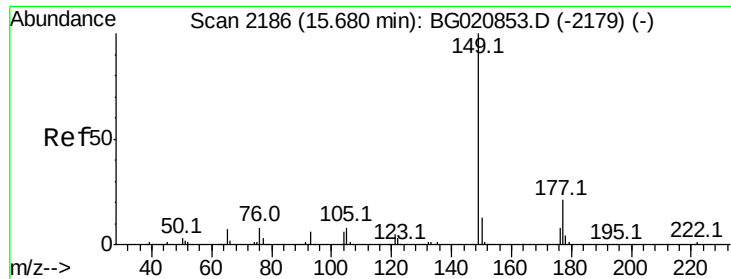
Abundance Ion 232.00 (231.70 to 232.70): E

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

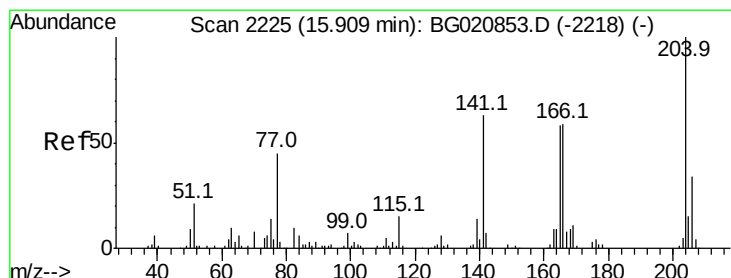
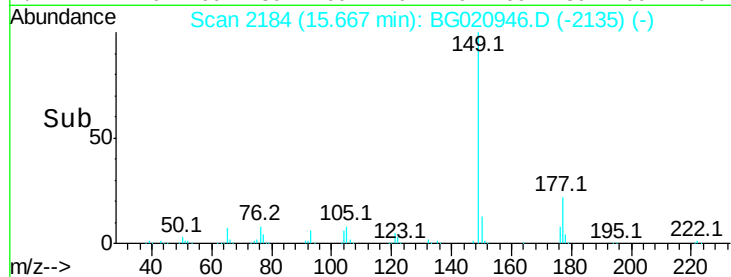
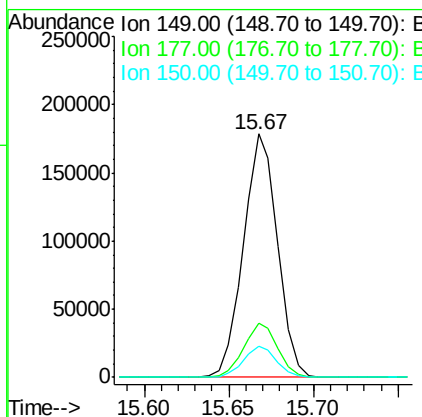
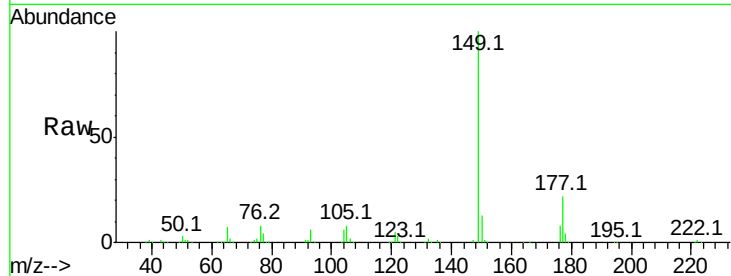




#59
Diethylphthalate
Concen: 48.54 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

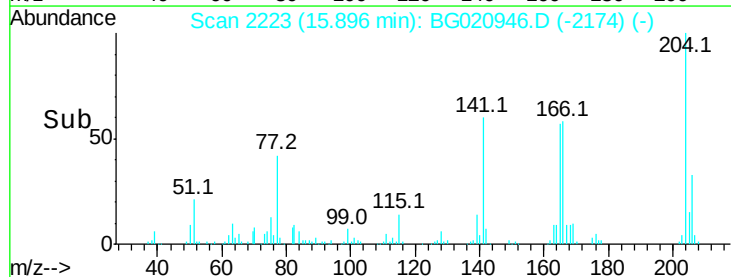
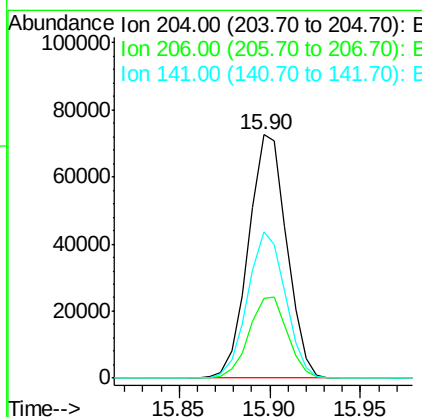
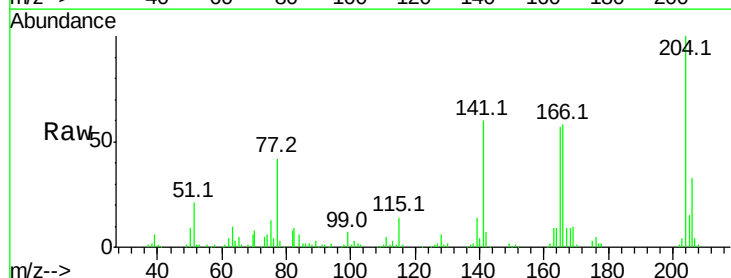
Instrument :
BNA_G
ClientSampled :

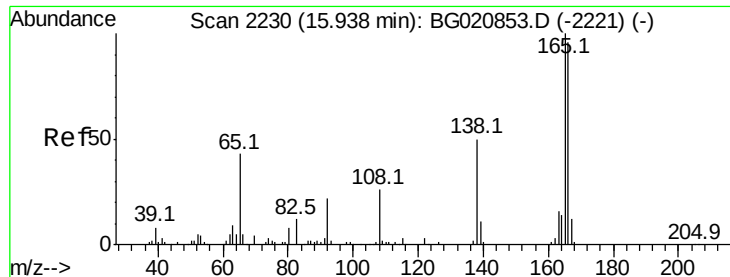
Tot Ion:149 Resp: 249504
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.13 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:204 Resp: 106279
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 60.2 50.3 75.5

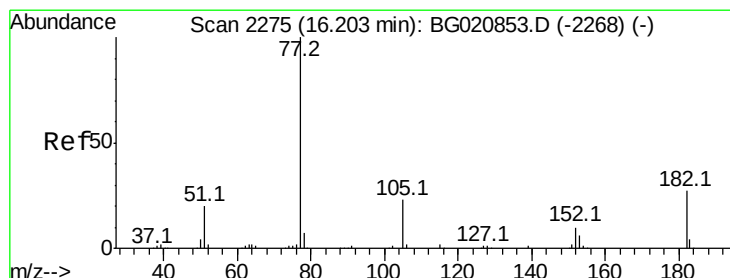
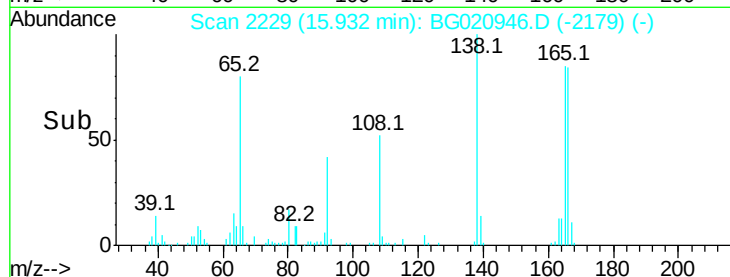
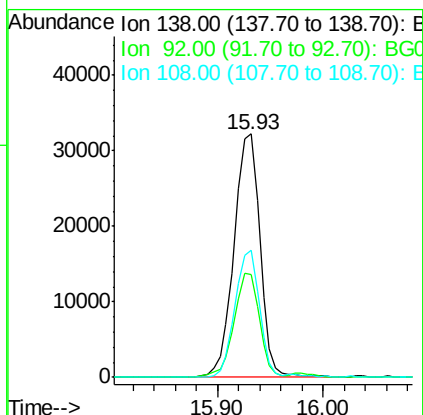
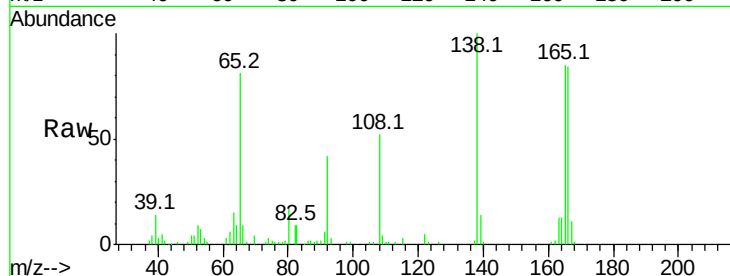




#61
4-Nitroaniline
Concen: 43.95 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

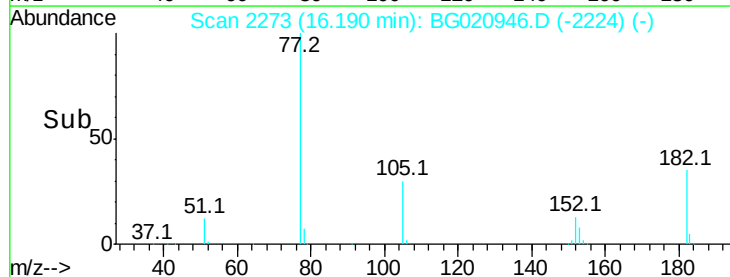
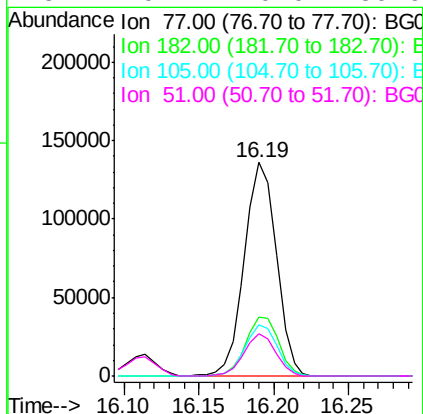
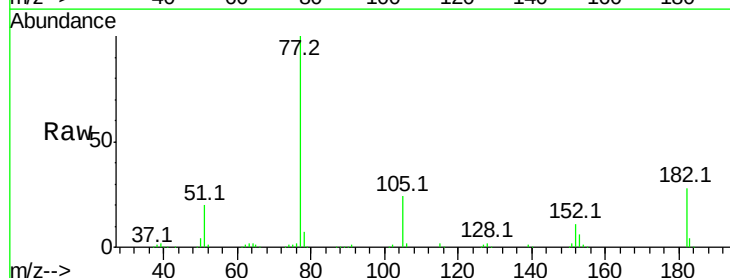
Instrument :
BNA_G
ClientSampled :

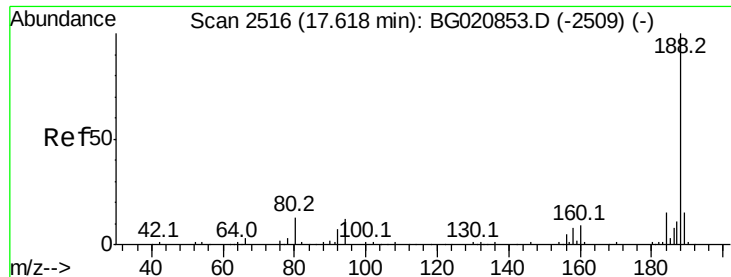
Tot Ion:138 Resp: 54936
Ion Ratio Lower Upper
138 100
92 42.0 24.1 64.1
108 52.4 32.4 72.4



#62
Azobenzene
Concen: 49.99 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion: 77 Resp: 202028
Ion Ratio Lower Upper
77 100
182 27.8 6.8 46.8
105 24.2 3.4 43.4
51 19.7 0.0 39.9

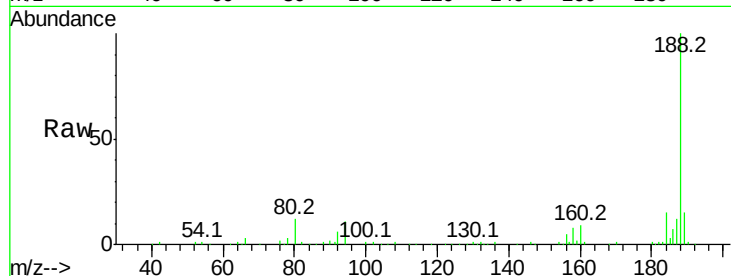




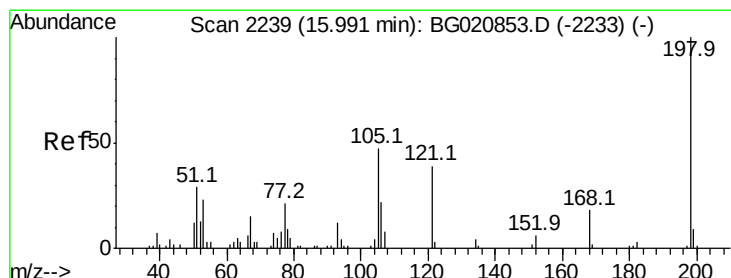
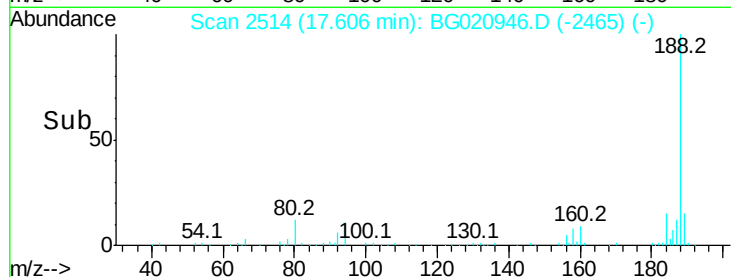
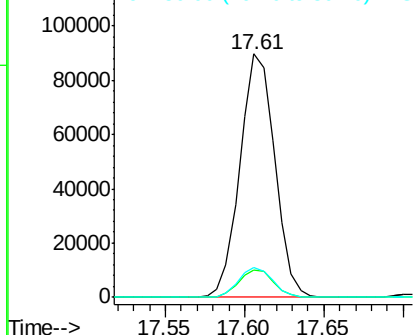
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 136723
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.0
 80 12.1 10.2 15.4

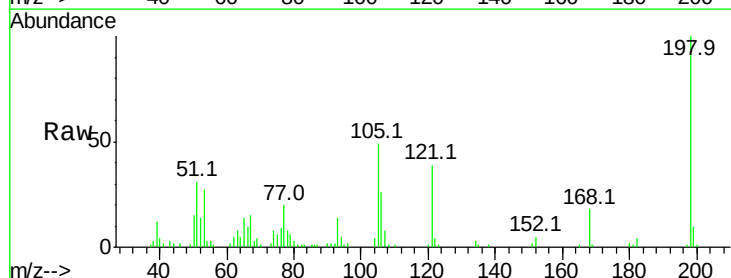


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

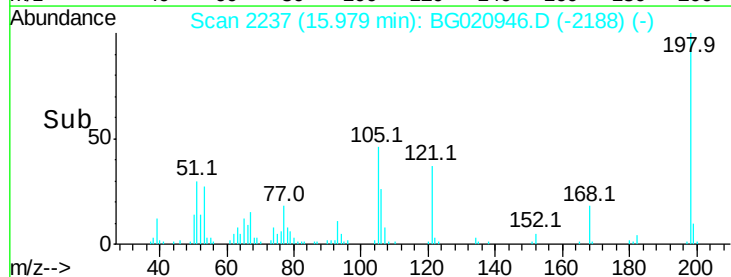
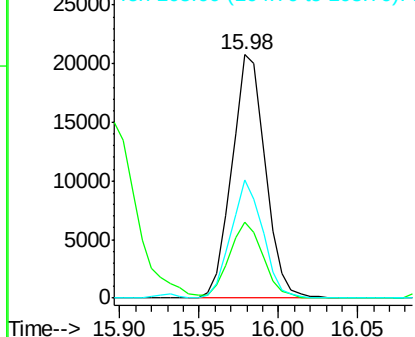


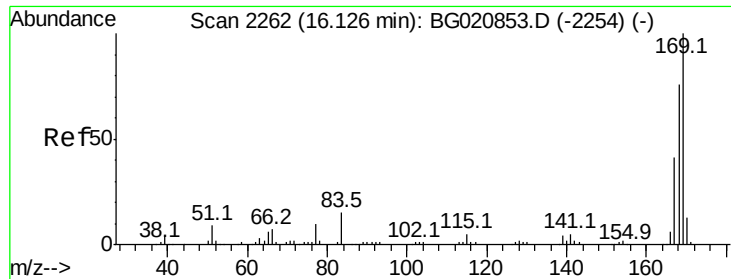
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.22 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:198 Resp: 30385
 Ion Ratio Lower Upper
 198 100
 51 31.3 10.6 50.6
 105 48.7 27.0 67.0



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

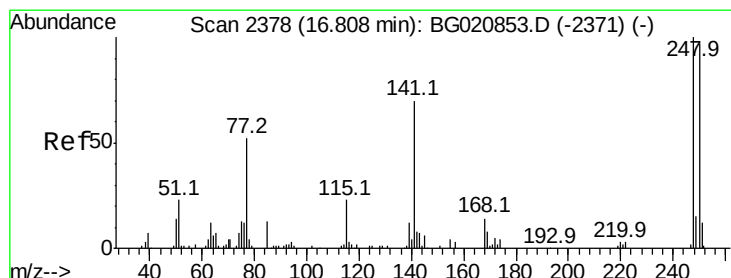
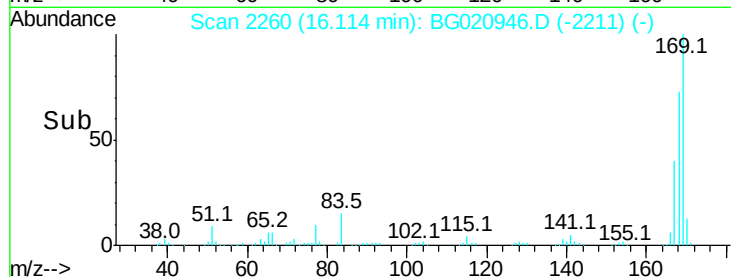
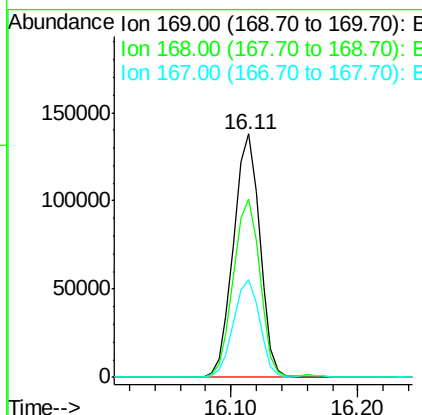
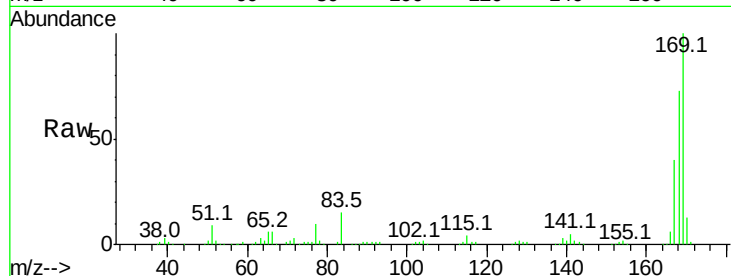




#65
n-Nitrosodiphenylamine
Concen: 44.64 ng
RT: 16.11 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

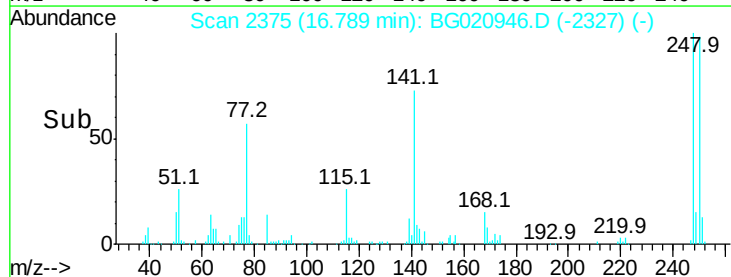
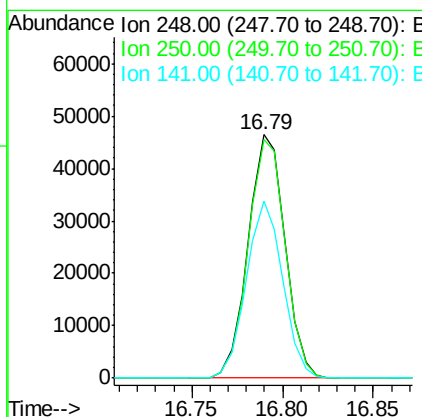
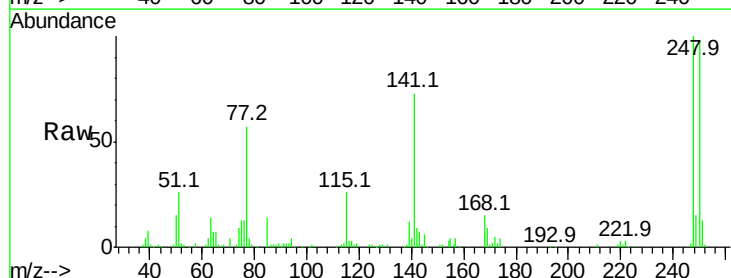
Instrument :
BNA_G
ClientSampleId :

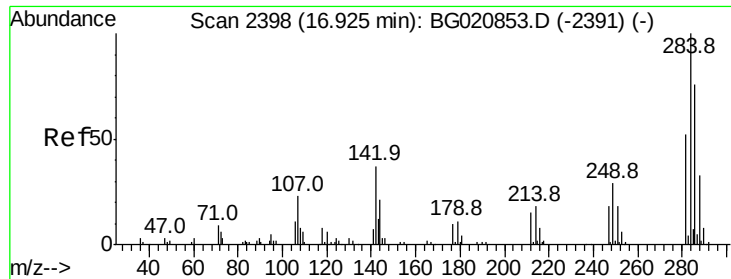
Tot Ion:169 Resp: 197213
Ion Ratio Lower Upper
169 100
168 73.0 60.7 91.1
167 40.1 32.8 49.2



#66
4-Bromophenyl-phenylether
Concen: 45.87 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:248 Resp: 66237
Ion Ratio Lower Upper
248 100
250 98.2 77.4 116.2
141 72.5 55.7 83.5





#67

Hexachlorobenzene

Concen: 46.25 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

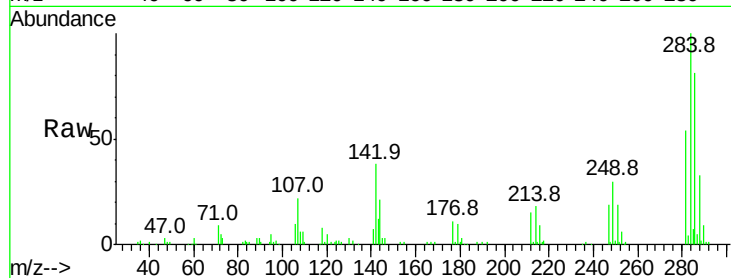
Tot Ion:284 Resp: 71068

Ion Ratio Lower Upper

284 100

142 38.1 29.9 44.9

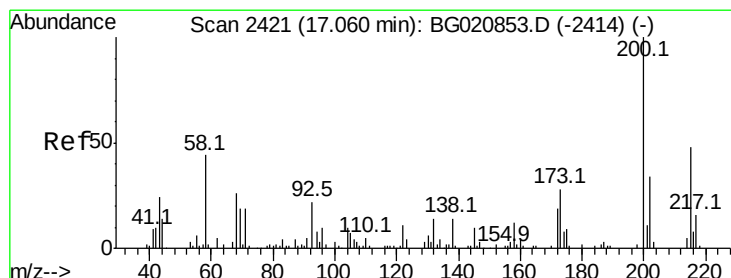
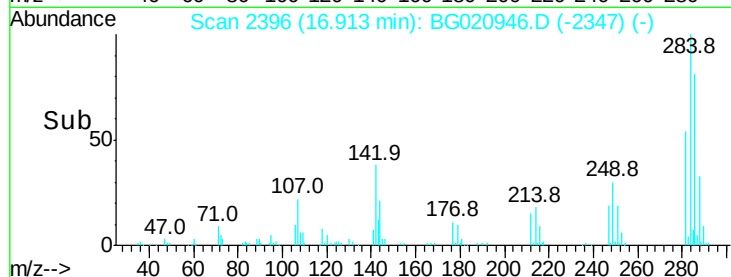
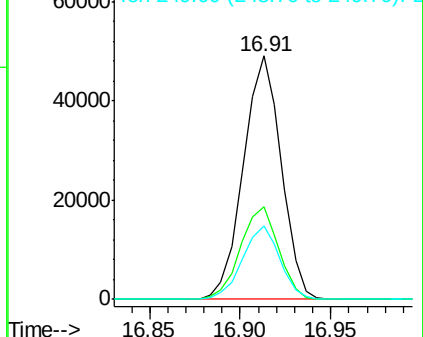
249 30.3 23.3 34.9



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: 48.42 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

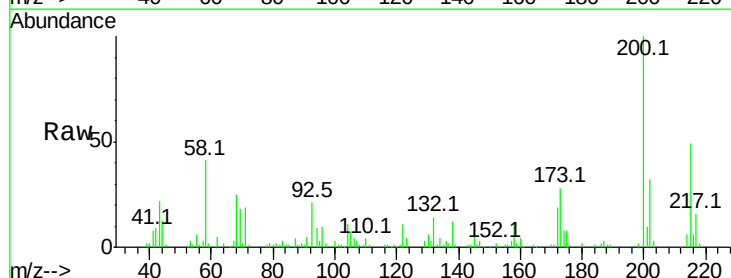
Tgt Ion:200 Resp: 64902

Ion Ratio Lower Upper

200 100

173 27.7 8.4 48.4

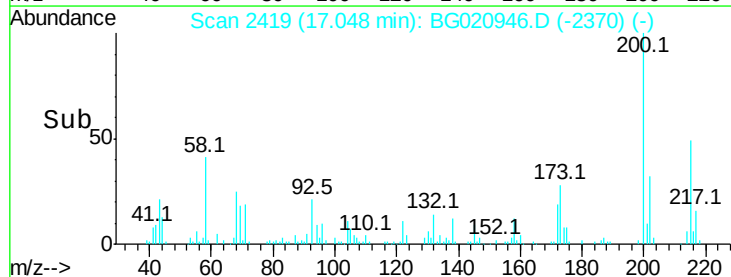
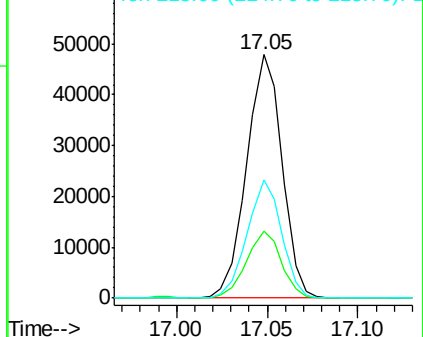
215 48.6 28.2 68.2

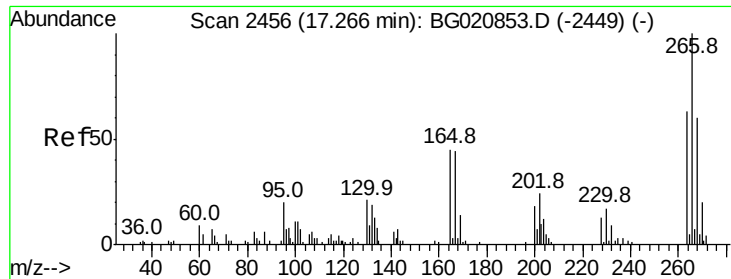


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

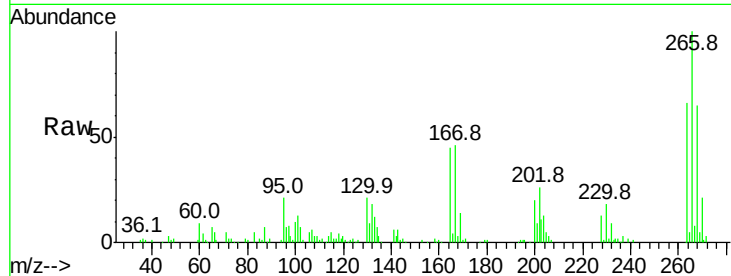




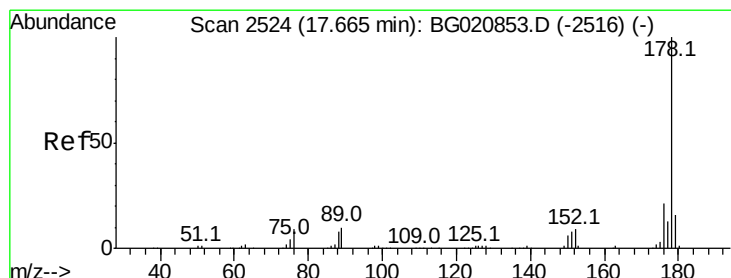
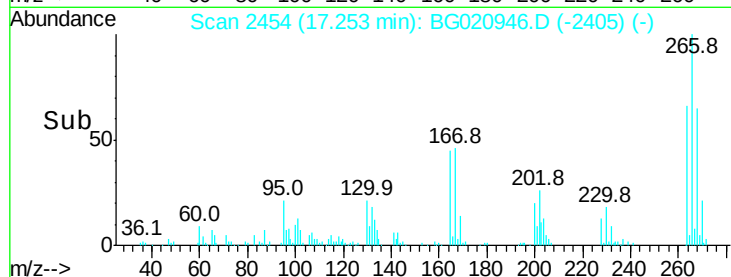
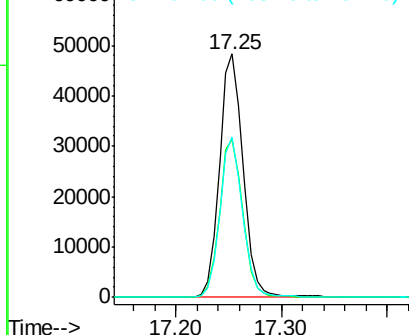
#69
 Pentachlorophenol
 Concen: 85.36 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 75192
 Ion Ratio Lower Upper
 266 100
 268 64.6 47.8 71.6
 264 66.0 50.2 75.4

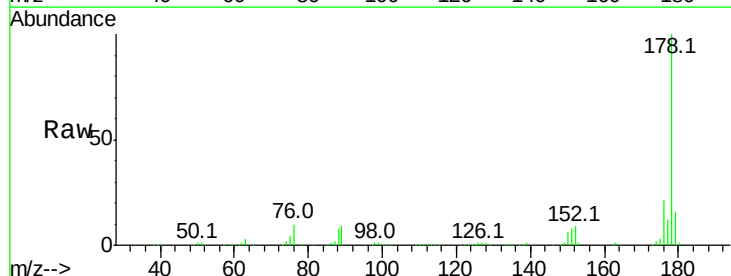


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

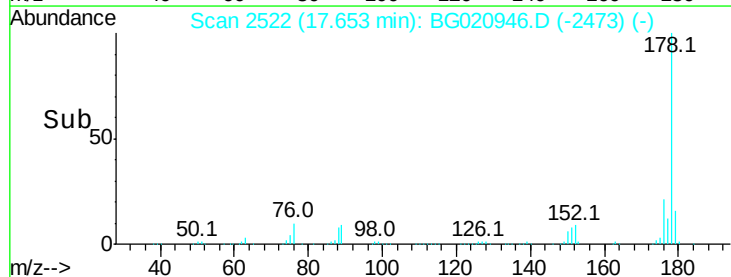
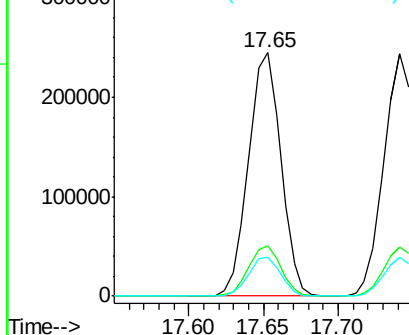


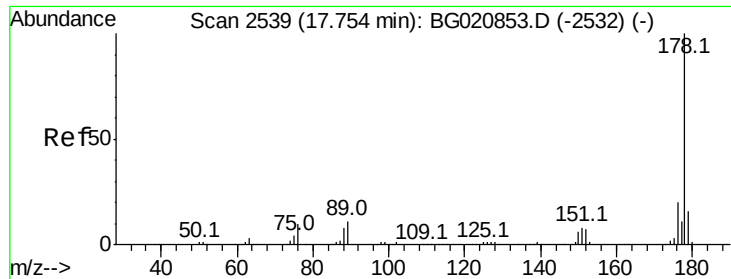
#70
 Phenanthrene
 Concen: 47.13 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:178 Resp: 366909
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.8 25.2
 179 15.8 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

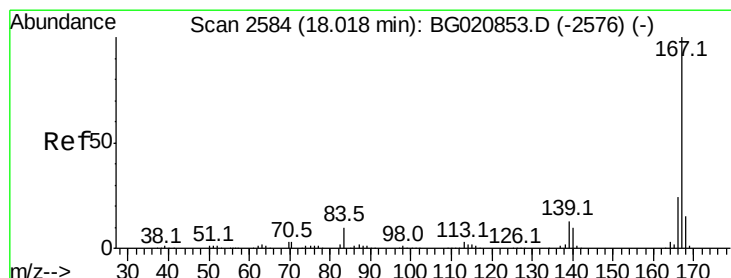
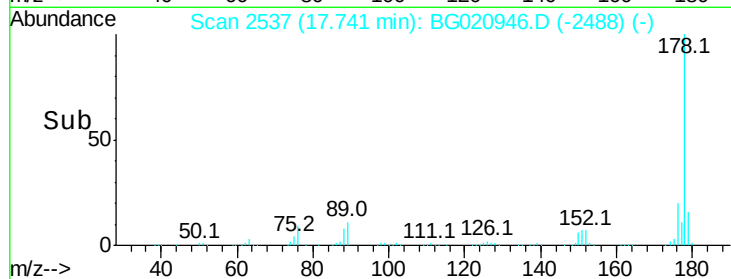
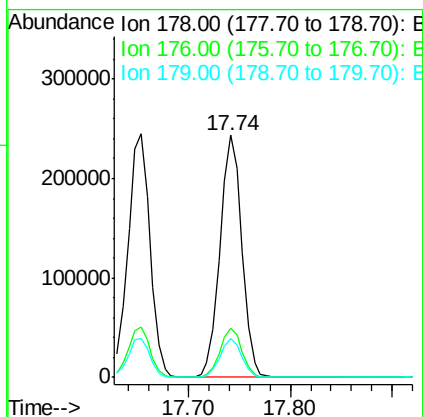
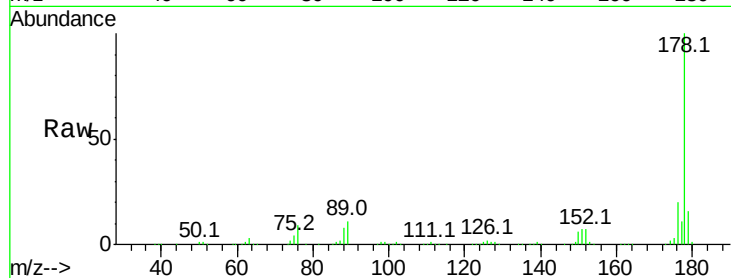




#71
 Anthracene
 Concen: 46.07 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

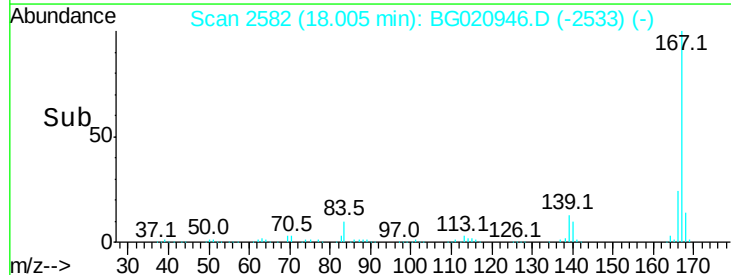
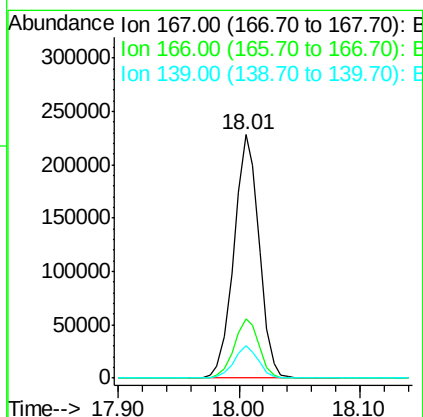
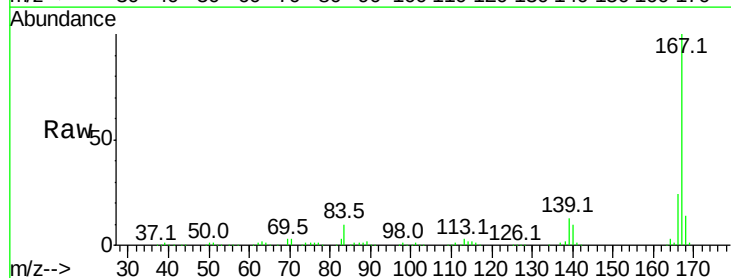
Instrument :
 BNA_G
 ClientSampleId :

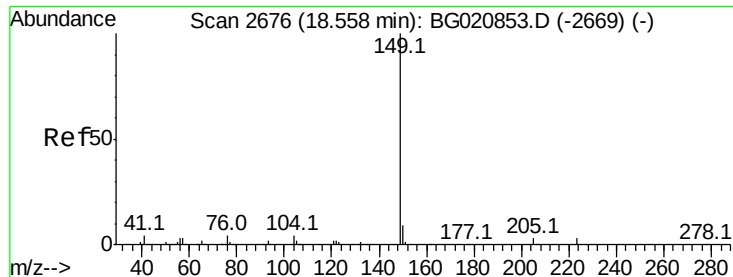
Tot Ion:178 Resp: 363966
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 46.59 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:167 Resp: 330347
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.3 28.9
 139 13.1 10.2 15.4





#73

Di-n-butylphthalate

Concen: 45.02 ng

RT: 18.55 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampled :

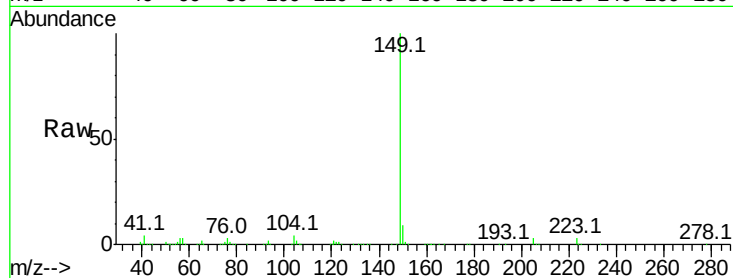
Tot Ion:149 Resp: 409269

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

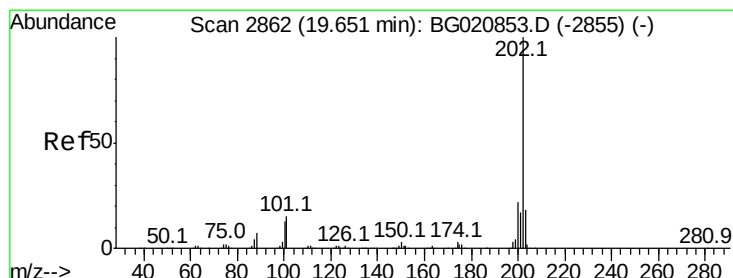
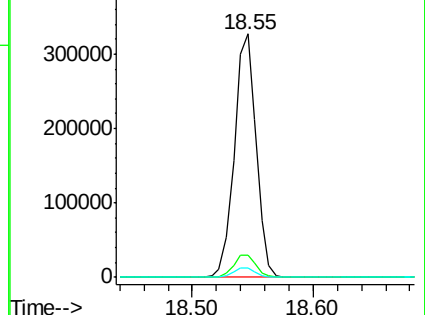
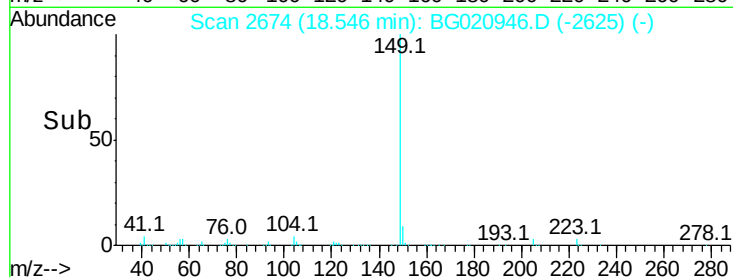
104 4.0 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.70 ng

RT: 19.64 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

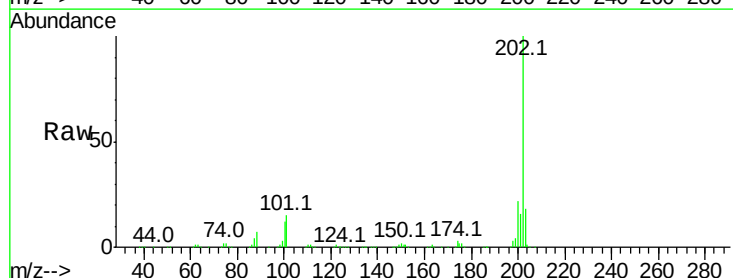
Tgt Ion:202 Resp: 384324

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

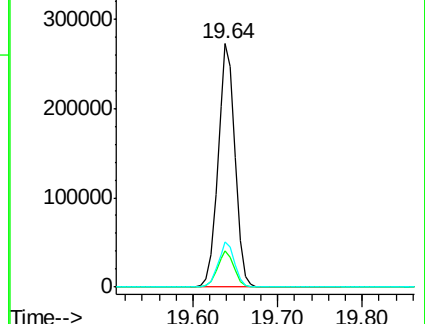
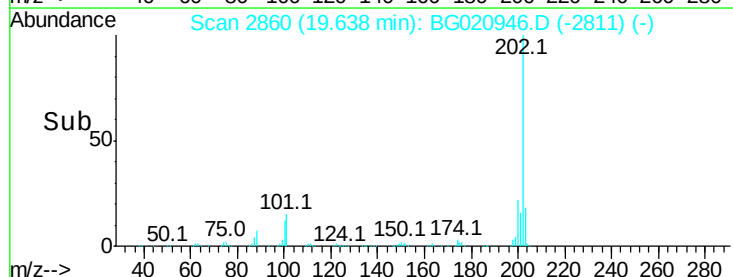
203 18.5 0.0 37.8

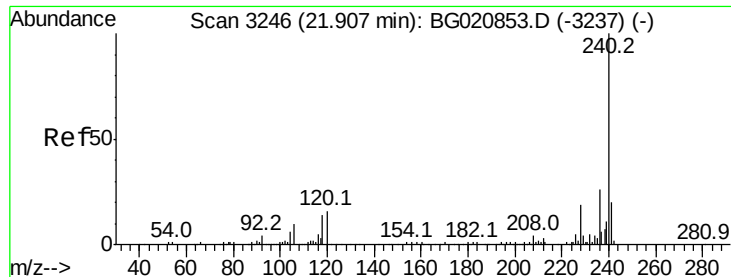


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

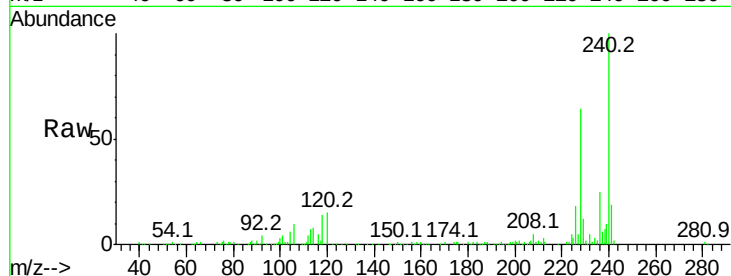
Tot Ion:240 Resp: 127782

Ion Ratio Lower Upper

240 100

120 14.9 13.0 19.4

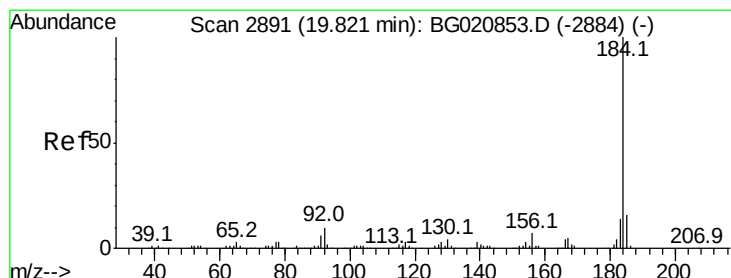
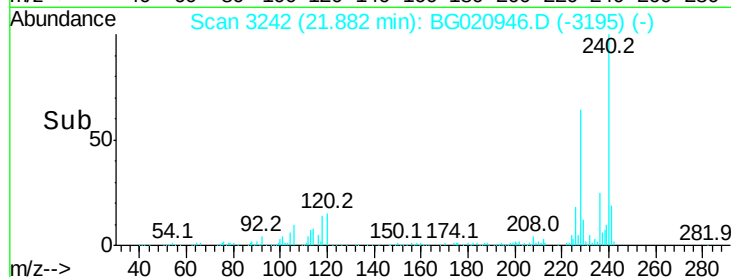
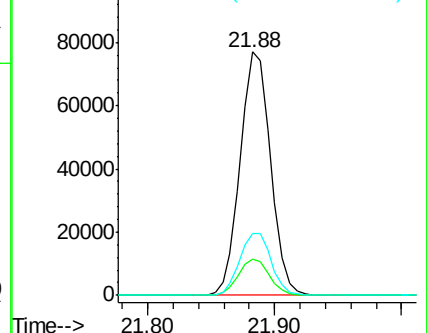
236 25.5 21.0 31.4



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: 2.03 ng

RT: 19.81 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

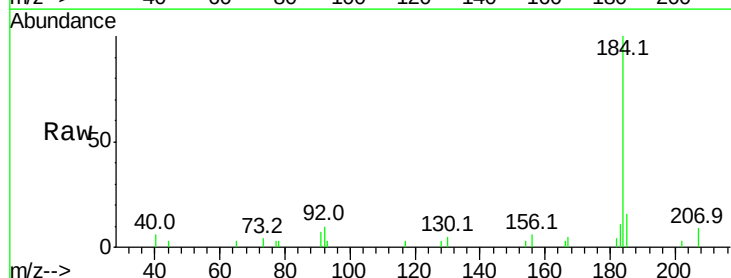
Tgt Ion:184 Resp: 8401

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

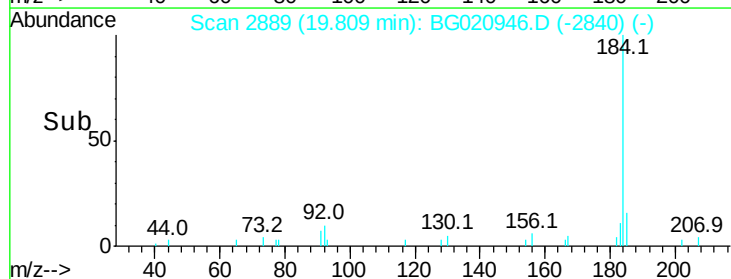
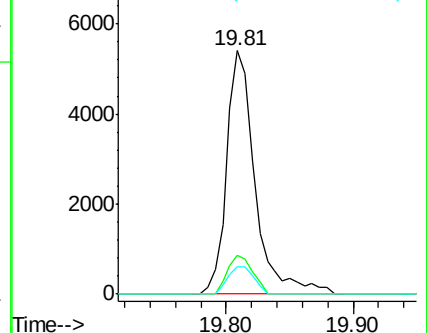
183 11.4 11.0 16.4

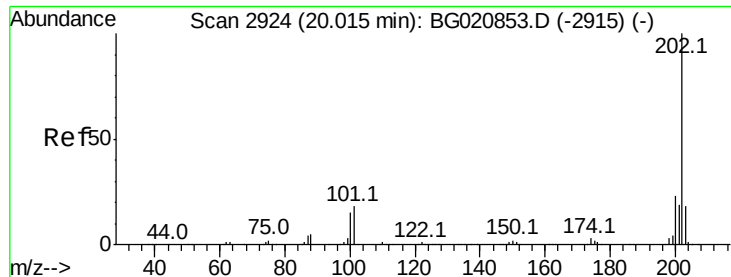


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

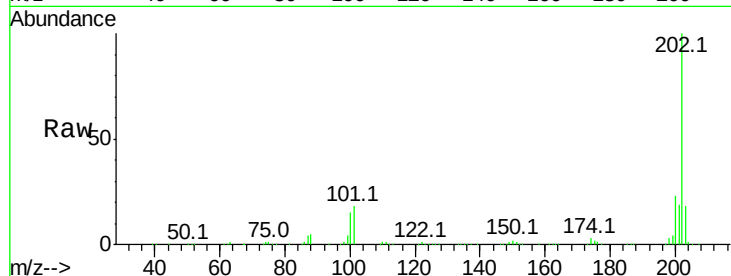




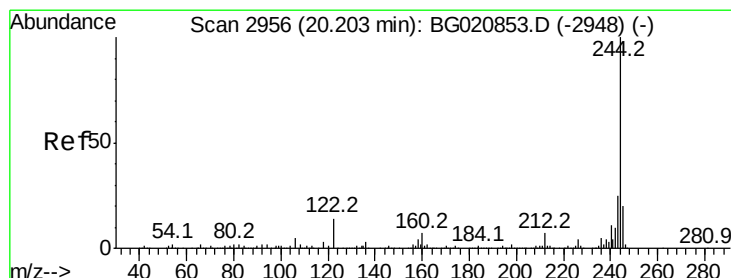
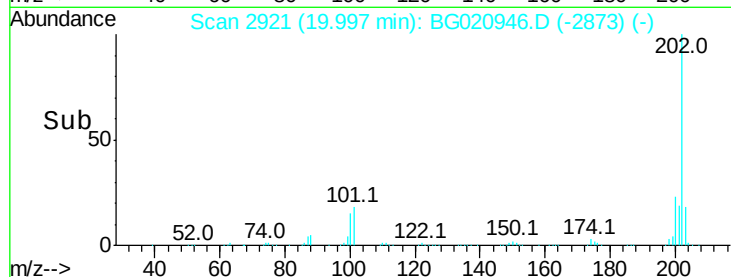
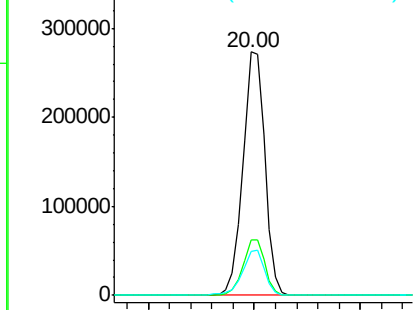
#77
Pvrene
Concen: 46.68 ng
RT: 20.00 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.5	27.7
203	18.3	14.3	21.5

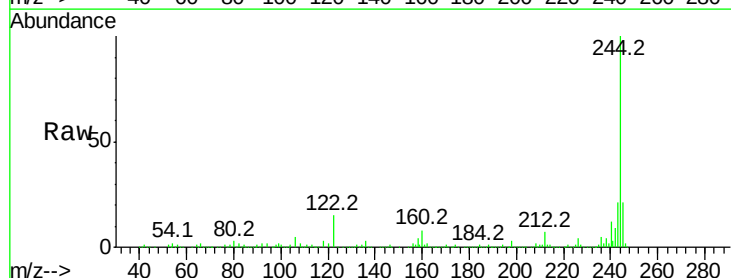


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

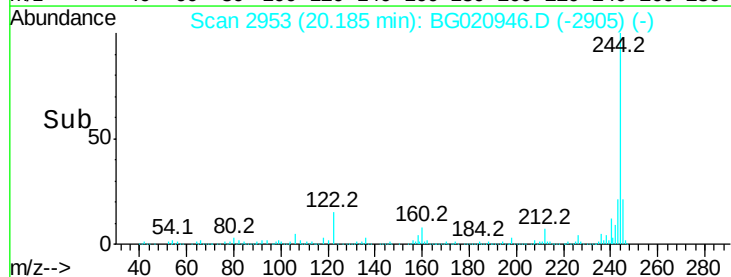
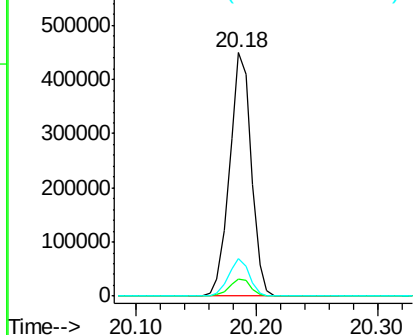


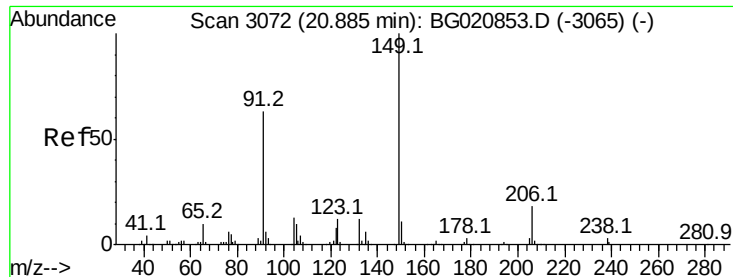
#78
Terphenyl-d14
Concen: 102.39 ng
RT: 20.18 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	15.2	11.4	17.2



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

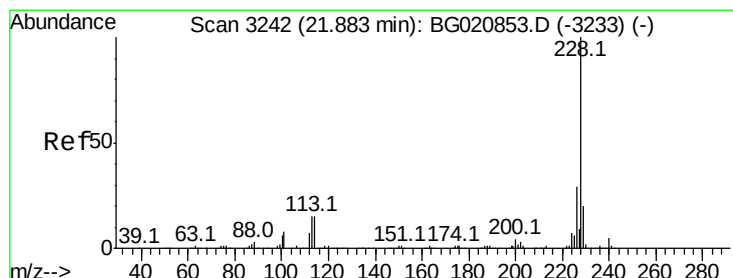
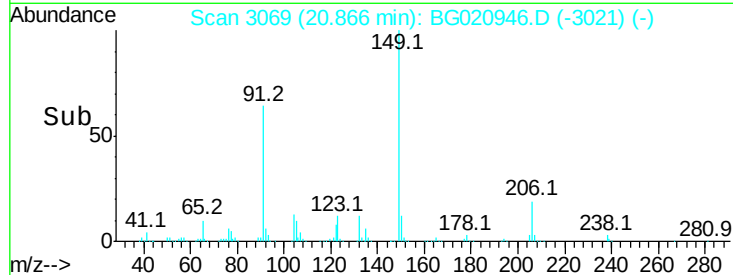
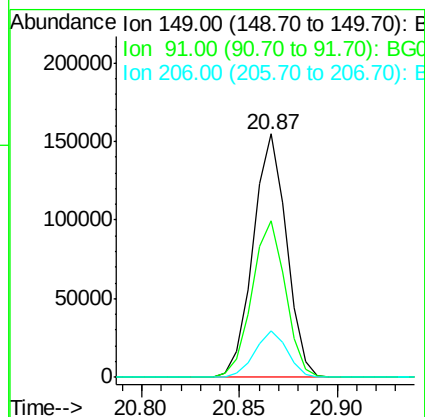
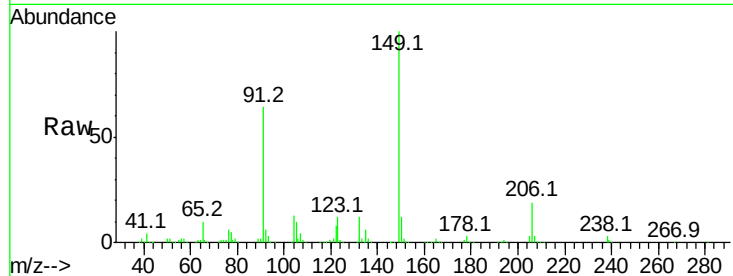




#79
Butylbenzylphthalate
Concen: 45.44 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

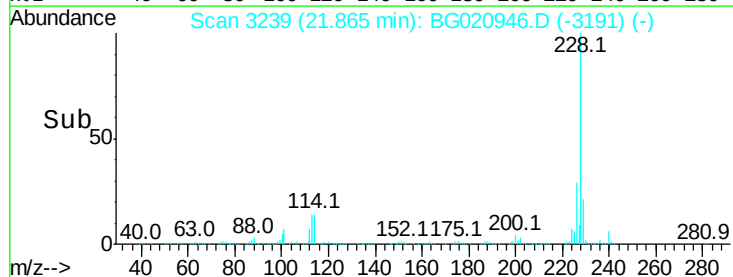
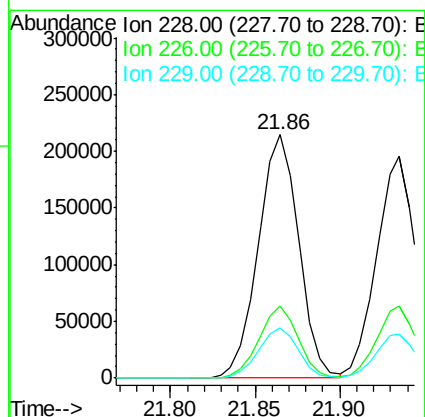
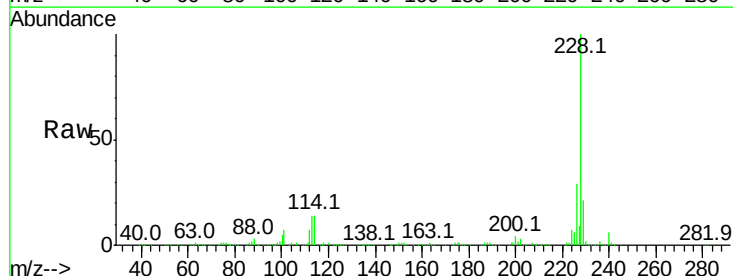
Instrument :
BNA_G
ClientSampled :

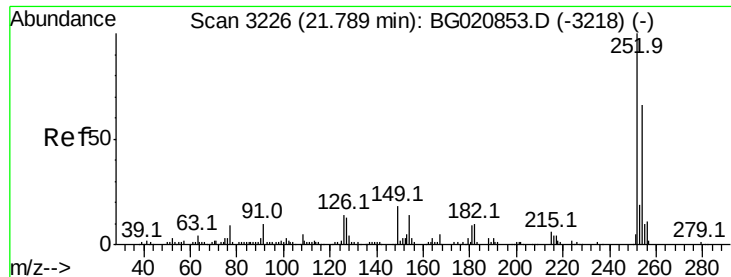
Tot Ion:149 Resp: 183372
Ion Ratio Lower Upper
149 100
91 64.1 50.6 76.0
206 18.9 14.6 22.0



#80
Benzo(a)anthracene
Concen: 46.87 ng
RT: 21.86 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion:228 Resp: 357561
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 20.5 16.2 24.2

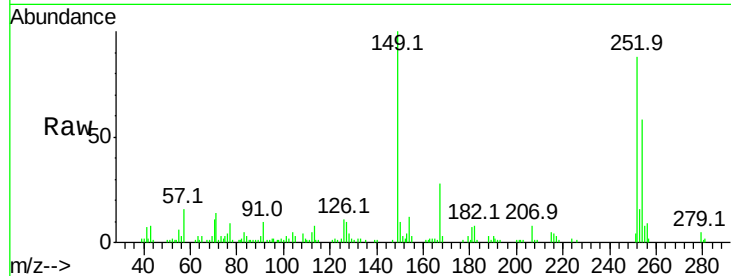




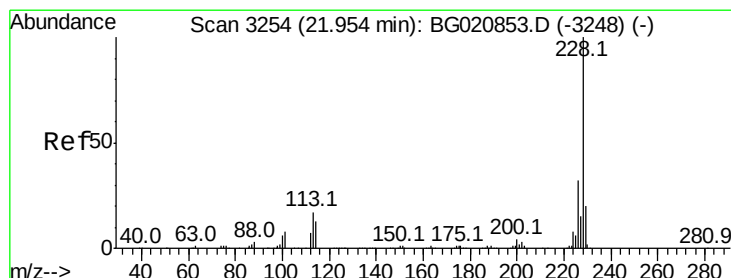
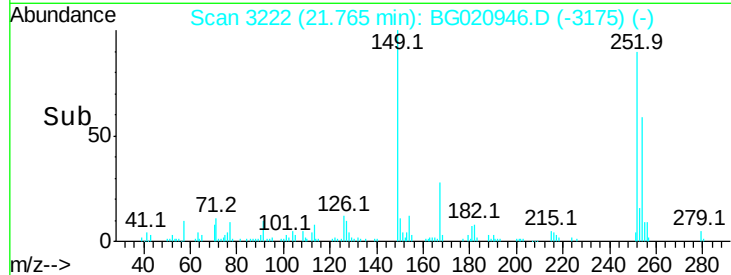
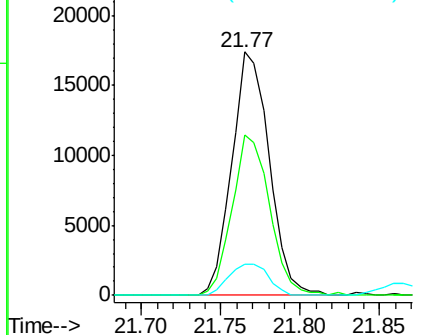
#81
 3,3'-Dichlorobenzidine
 Concen: 10.07 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 28504
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.8 79.2
 126 13.0 11.1 16.7

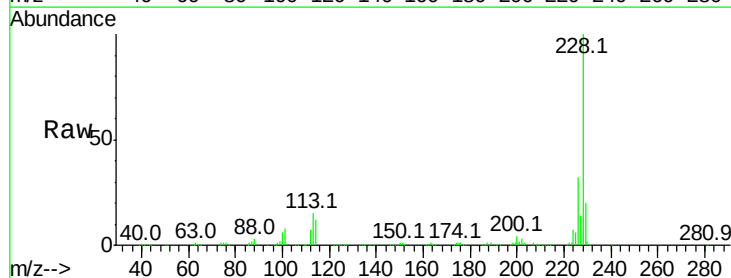


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

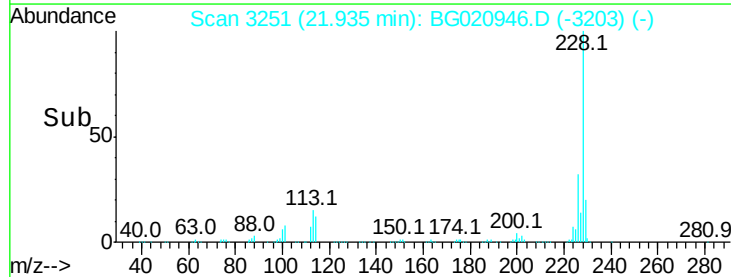
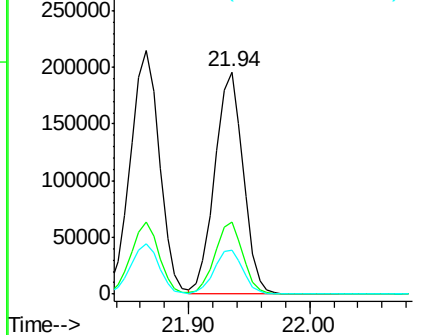


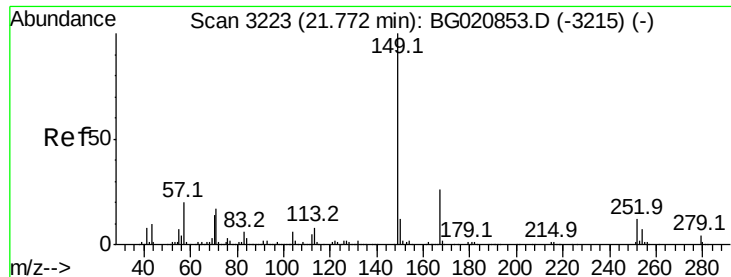
#82
 Chrysene
 Concen: 44.22 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion:228 Resp: 317204
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.3 37.9
 229 19.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.90 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

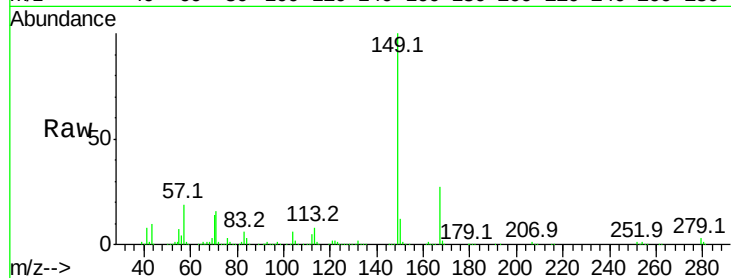
Tot Ion:149 Resp: 274612

Ion Ratio Lower Upper

149 100

167 26.6 20.9 31.3

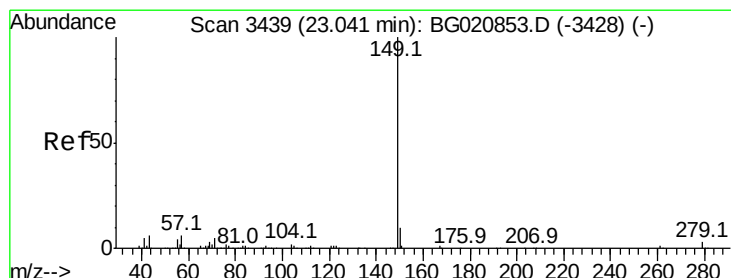
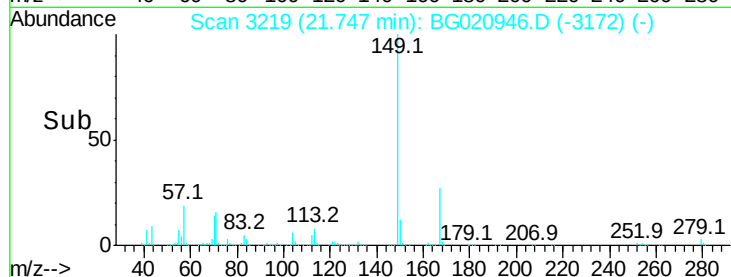
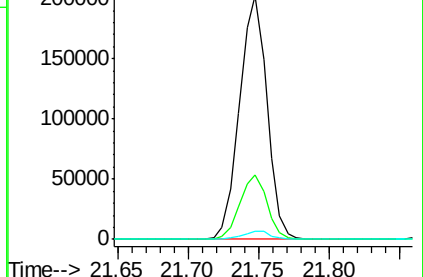
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.66 ng

RT: 23.00 min Scan# 3433

Delta R.T. -0.04 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

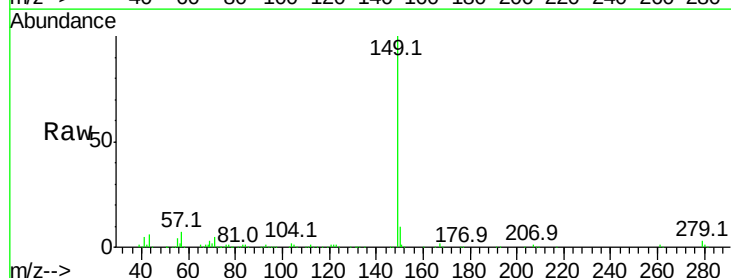
Tgt Ion:149 Resp: 458239

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

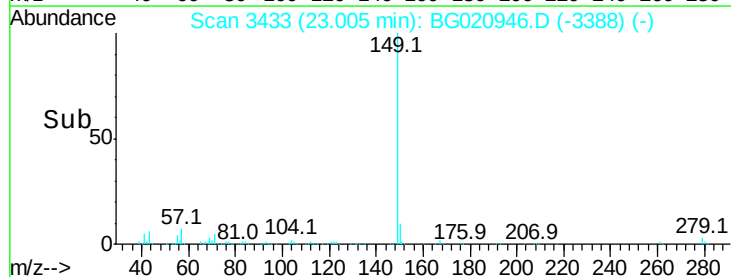
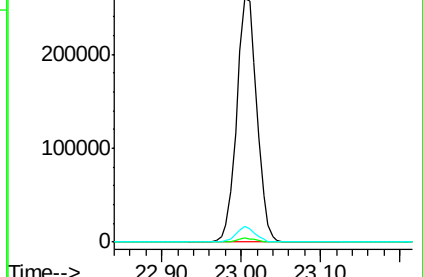
43 5.9 5.1 7.7

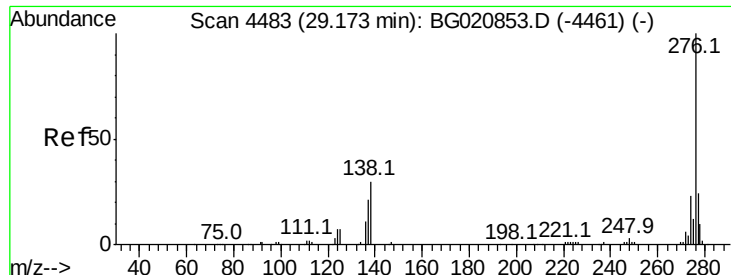


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

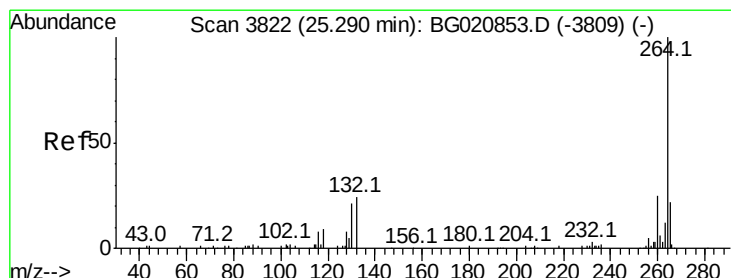
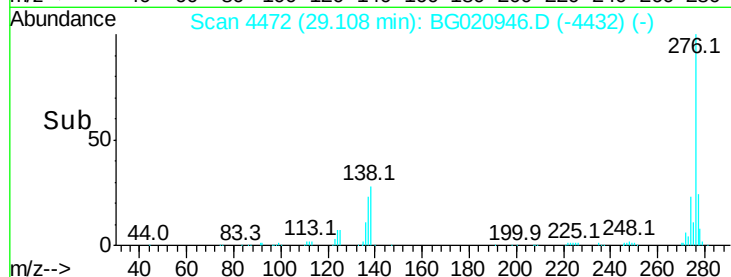
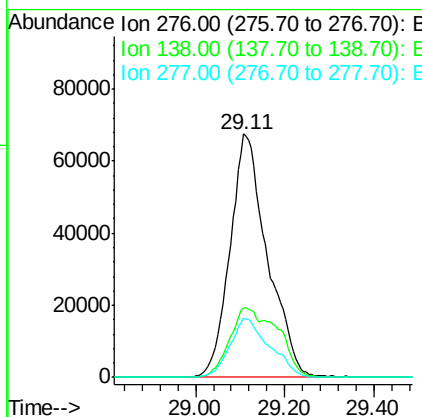
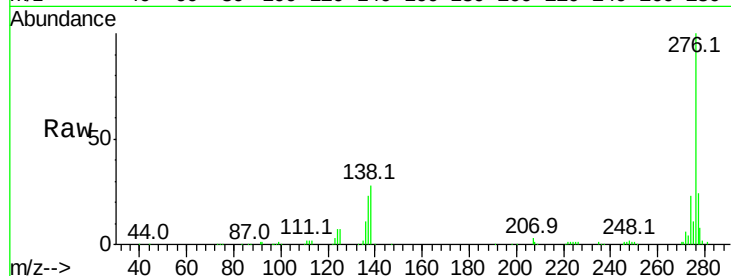




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.76 ng
 RT: 29.11 min Scan# 4472
 Delta R.T. -0.07 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

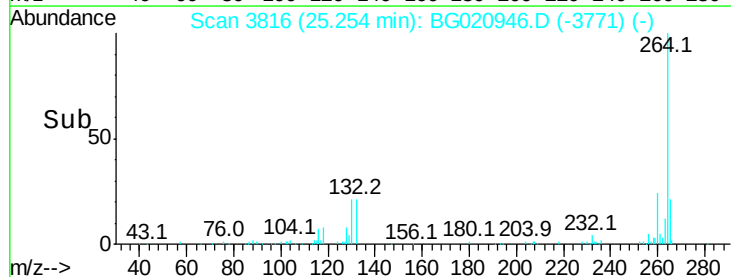
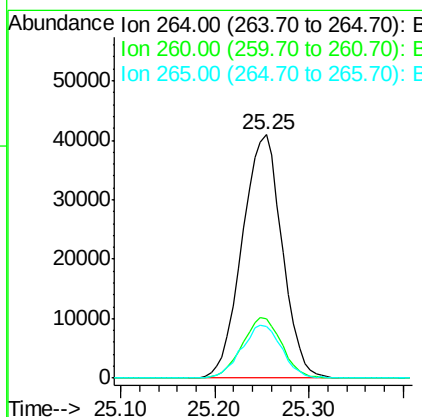
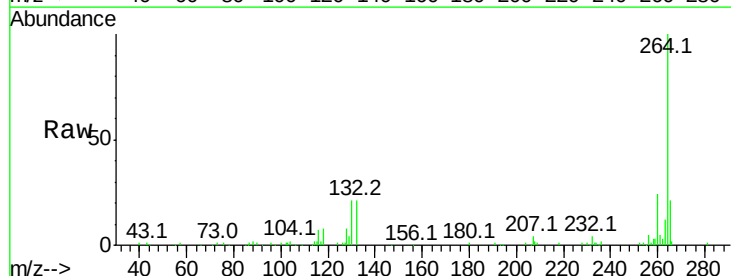
Instrument :
 BNA_G
 ClientSampleId :

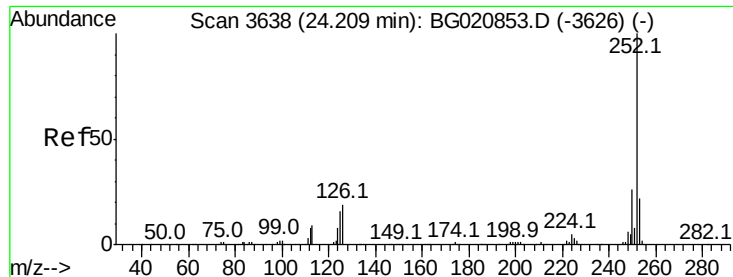
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	20.1	30.1
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3816
 Delta R.T. -0.04 min
 Lab File: BG020946.D
 Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.2	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 48.53 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

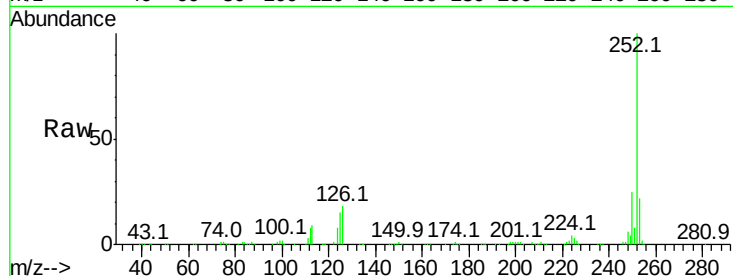
Tot Ion:252 Resp: 356293

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

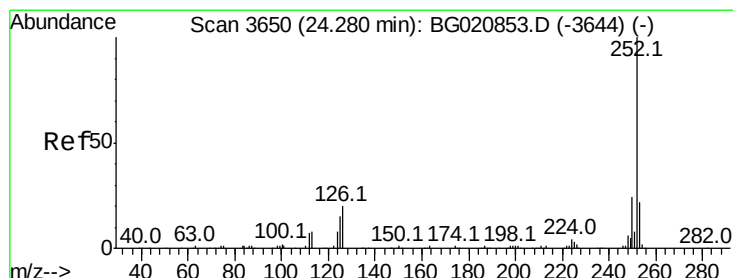
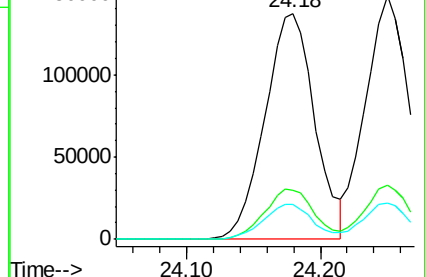
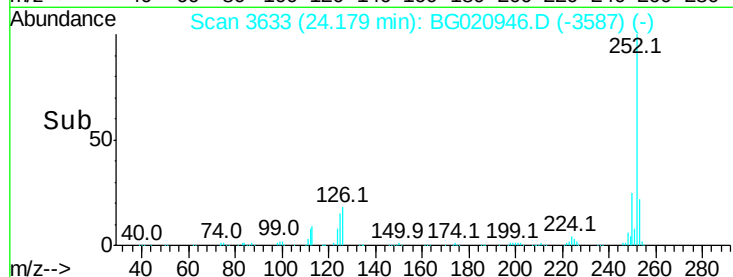
125 15.2 12.5 18.7



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: 46.09 ng

RT: 24.25 min Scan# 3645

Delta R.T. -0.03 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

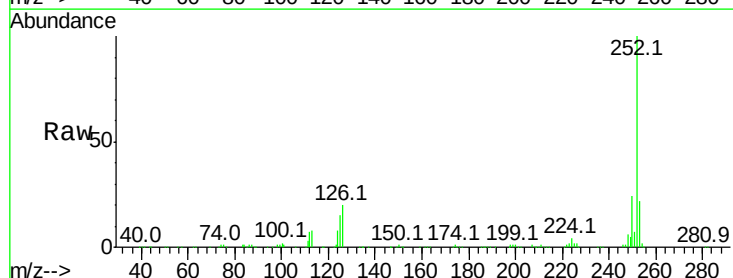
Tgt Ion:252 Resp: 331517

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

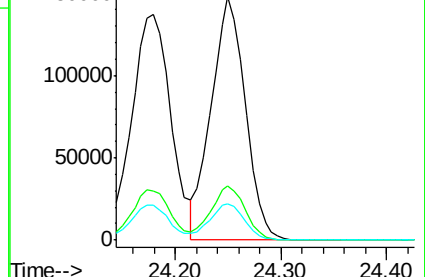
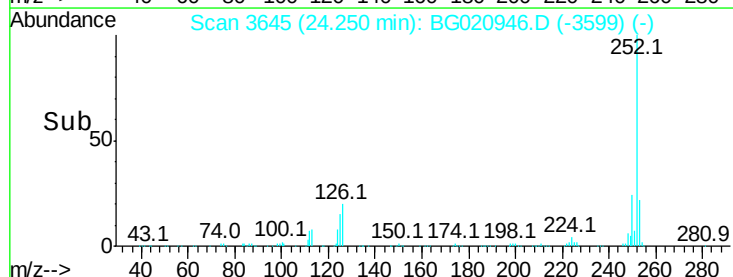
125 15.0 12.2 18.4

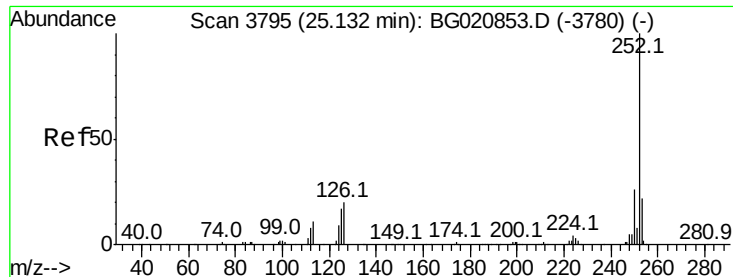


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

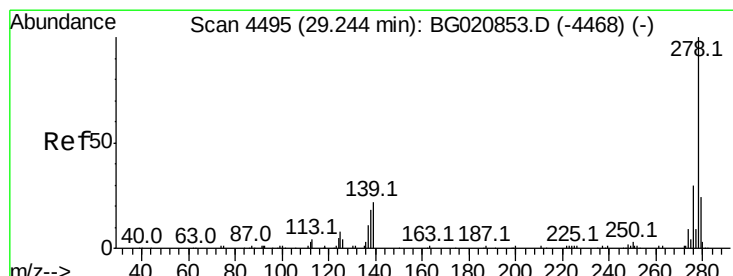
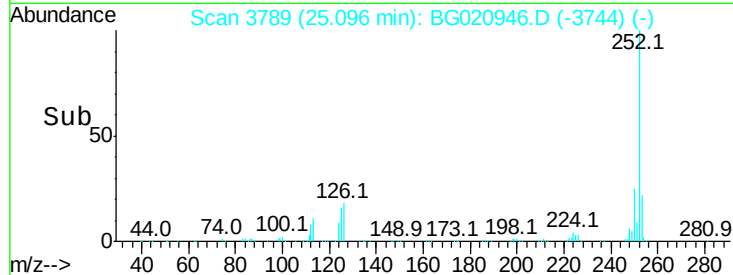
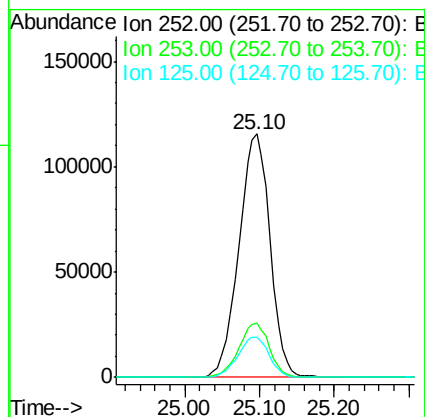
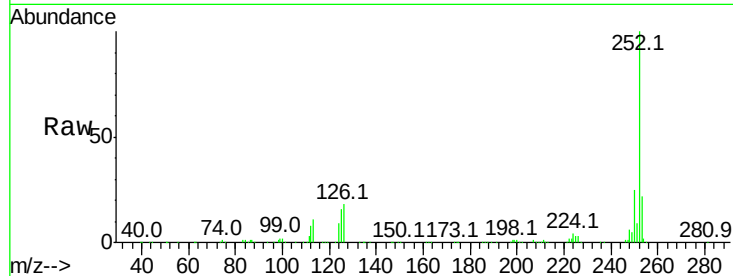




#89
Benzo(a)pyrene
Concen: 47.74 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.04 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

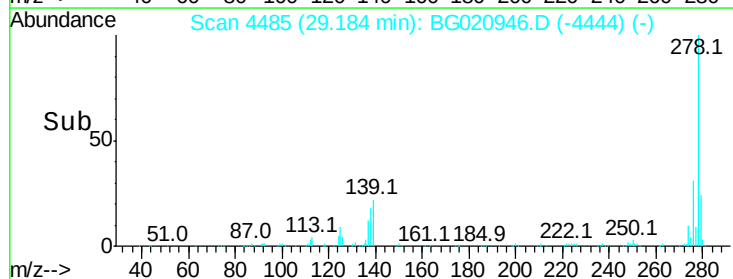
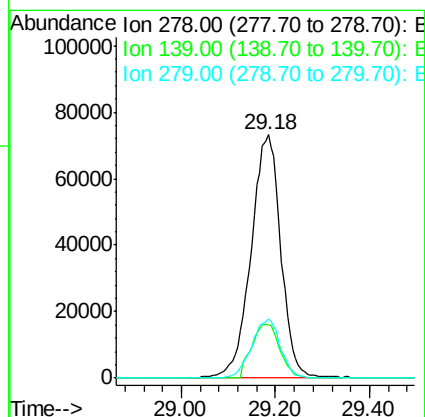
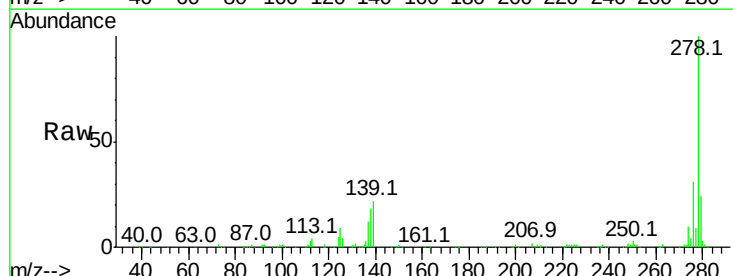
Instrument :
BNA_G
ClientSampleId :

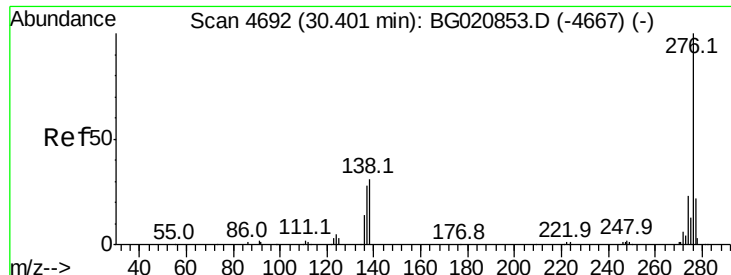
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	16.4	13.6	20.4



#90
Dibenzo(a,h)anthracene
Concen: 47.47 ng
RT: 29.18 min Scan# 4485
Delta R.T. -0.06 min
Lab File: BG020946.D
Acq: 18 Feb 2016 21:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	17.3	25.9
279	24.2	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 47.36 ng

RT: 30.33 min Scan# 4680

Delta R.T. -0.07 min

Lab File: BG020946.D

Acq: 18 Feb 2016 21:48

Instrument :

BNA_G

ClientSampleId :

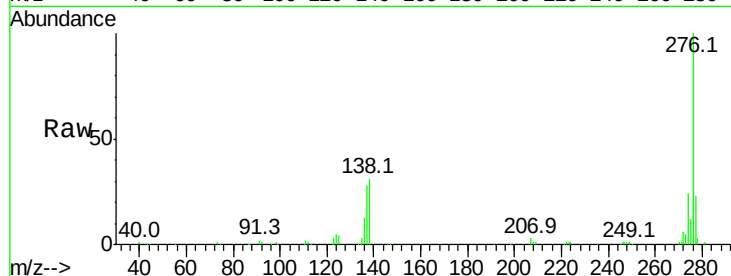
Tot Ion:276 Resp: 319761

Ion Ratio Lower Upper

276 100

277 23.4 17.6 26.4

138 30.6 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

