

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020947.D
 Acq On : 18 Feb 2016 22:27
 Operator : SJ/UM
 Sample : H1450-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:55 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	19498	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	100174	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	62454	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134324	20.00	ng	0.00
75) Chrysene-d12	21.89	240	122049	20.00	ng	-0.02
86) Perylene-d12	25.25	264	115284	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	80257	69.32	ng	0.00
7) Phenol-d6	7.40	99	70633	41.74	ng	0.00
23) Nitrobenzene-d5	9.43	82	157991	103.70	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	108007	175.86	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	455129	102.37	ng	0.00
78) Terphenyl-d14	20.19	244	537130	102.67	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	5696	13.53	ng	98
3) Pyridine	4.04	79	12851	10.32	ng	96
4) n-Nitrosodimethylamine	3.95	42	4689	14.39	ng	# 98
6) Aniline	7.58	93	46271	21.93	ng	97
8) 2-Chlorophenol	7.82	128	49106	33.95	ng	99
9) Benzaldehyde	7.39	77	12194	14.39	ng	98
10) Phenol	7.43	94	21515	12.01	ng	96
11) bis(2-Chloroethyl)ether	7.66	93	58561	40.94	ng	97
12) 1,3-Dichlorobenzene	8.15	146	56876	37.19	ng	100
13) 1,4-Dichlorobenzene	8.29	146	58513	37.74	ng	99
14) 1,2-Dichlorobenzene	8.62	146	59346	39.35	ng	98
15) Benzyl Alcohol	8.49	79	28231	26.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	56284	37.72	ng	98
17) 2-Methylphenol	8.69	107	36682	28.43	ng	98
18) Hexachloroethane	9.36	117	19671	36.90	ng	97
19) n-Nitroso-di-n-propylamine	9.06	70	46335	42.43	ng	# 98
20) 3+4-Methylphenols	9.02	107	44653	24.84	ng	96
22) Acetophenone	9.09	105	96020	39.77	ng	# 99
24) Nitrobenzene	9.47	77	64483	40.60	ng	99
25) Isophorone	9.99	82	138987	43.28	ng	99
26) 2-Nitrophenol	10.19	139	34653	41.46	ng	96
27) 2,4-Dimethylphenol	10.24	122	58863	36.75	ng	96
28) bis(2-Chloroethoxy)methane	10.47	93	89749	45.35	ng	99
29) 2,4-Dichlorophenol	10.72	162	60522	42.16	ng	100
30) 1,2,4-Trichlorobenzene	10.94	180	58313	40.33	ng	96
31) Naphthalene	11.14	128	215817	41.64	ng	99
32) Benzoic acid	10.31	122	11117	8.65	ng	97
33) 4-Chloroaniline	11.24	127	70326	31.55	ng	99
34) Hexachlorobutadiene	11.41	225	28247	38.33	ng	100
35) Caprolactam	12.01	113	3387	6.16	ng	# 80
36) 4-Chloro-3-methylphenol	12.33	107	62862	38.22	ng	97
37) 2-Methylnaphthalene	12.72	142	169486	46.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	69844	38.12	ng	98
40) Hexachlorocyclopentadiene	13.06	237	61354	76.12	ng	93

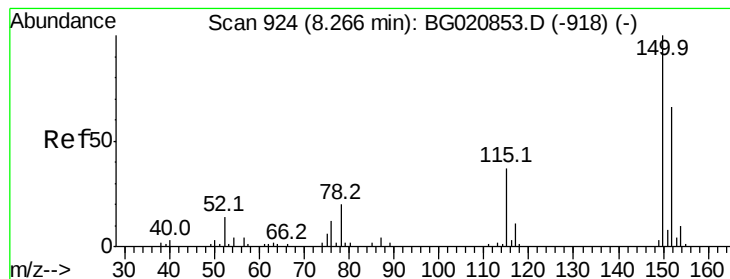
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020947.D
 Acq On : 18 Feb 2016 22:27
 Operator : SJ/UM
 Sample : H1450-06MSD
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 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:49:55 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)
42) 2,4,6-Trichlorophenol	13.32	196	51593	41.92	nq	98
43) 2,4,5-Trichlorophenol	13.39	196	56198	43.43	nq	98
45) 1,1'-Biphenyl	13.71	154	220056	39.94	nq	99
46) 2-Chloronaphthalene	13.76	162	164638	41.74	nq	99
47) 2-Nitroaniline	13.96	65	42879	45.39	nq	94
48) Acenaphthylene	14.60	152	292154	42.60	nq	100
49) Dimethylphthalate	14.32	163	236793	48.49	nq	100
50) 2,6-Dinitrotoluene	14.44	165	49313	47.12	nq	97
51) Acenaphthene	14.94	154	194092	46.67	nq	99
52) 3-Nitroaniline	14.77	138	45585	37.49	nq	96
53) 2,4-Dinitrophenol	14.97	184	42938	94.99	nq	91
54) Dibenzofuran	15.27	168	270530	49.18	nq	98
55) 4-Nitrophenol	15.06	139	26911	29.30	nq	98
56) 2,4-Dinitrotoluene	15.22	165	67191	49.67	nq	98
57) Fluorene	15.91	166	231640	45.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48560	49.25	nq	98
59) Diethylphthalate	15.67	149	232549	46.32	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	100272	44.57	nq	97
61) 4-Nitroaniline	15.93	138	52550	43.05	nq	97
62) Azobenzene	16.19	77	189840	48.09	nq	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	29320	43.53	nq	98
65) n-Nitrosodiphenylamine	16.11	169	183259	42.23	nq	99
66) 4-Bromophenyl-phenylether	16.79	248	60817	42.87	nq	99
67) Hexachlorobenzene	16.91	284	66226	43.87	nq	99
68) Atrazine	17.05	200	59502	45.18	nq	100
69) Pentachlorophenol	17.25	266	71246	82.32	nq	97
70) Phenanthrene	17.65	178	338223	44.22	nq	99
71) Anthracene	17.74	178	335659	43.25	nq	99
72) Carbazole	18.01	167	308532	44.29	nq	99
73) Di-n-butylphthalate	18.54	149	380788	42.63	nq	100
74) Fluoranthene	19.64	202	352311	42.65	nq	98
76) Benzidine	19.81	184	45256	11.47	nq	99
77) Pyrene	20.00	202	362892	45.08	nq	99
79) Butylbenzylphthalate	20.86	149	170416	44.21	nq	99
80) Benzo(a)anthracene	21.86	228	325936	44.73	nq	100
81) 3,3'-Dichlorobenzidine	21.77	252	68319	25.26	nq	98
82) Chrysene	21.93	228	293230	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	21.74	149	253404	44.34	nq	100
84) Di-n-octyl phthalate	23.01	149	422711	45.07	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358697	45.52	nq	99
87) Benzo(b)fluoranthene	24.18	252	322221	45.67	nq	99
88) Benzo(k)fluoranthene	24.25	252	309235	44.73	nq	99
89) Benzo(a)pyrene	25.09	252	302921	45.06	nq	99
90) Dibenzo(a,h)anthracene	29.19	278	292099	44.68	nq	99
91) Benzo(g,h,i)perylene	30.33	276	292662	45.10	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

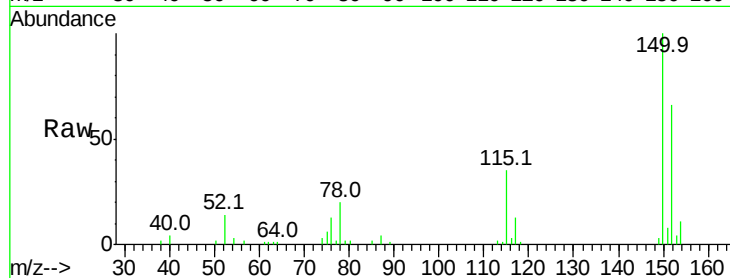
Tot Ion:152 Resp: 19498

Ion Ratio Lower Upper

152 100

150 151.4 122.0 183.0

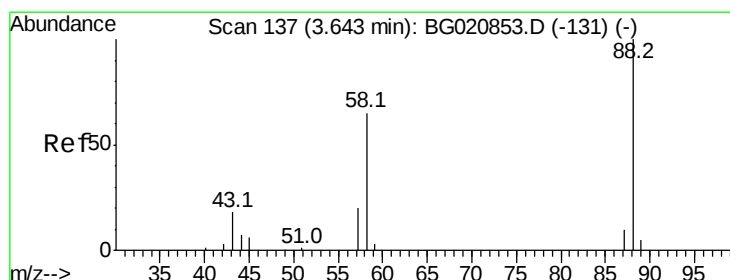
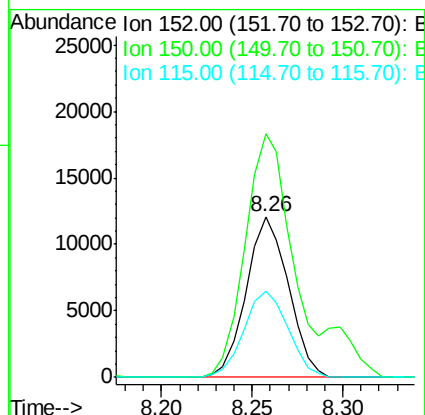
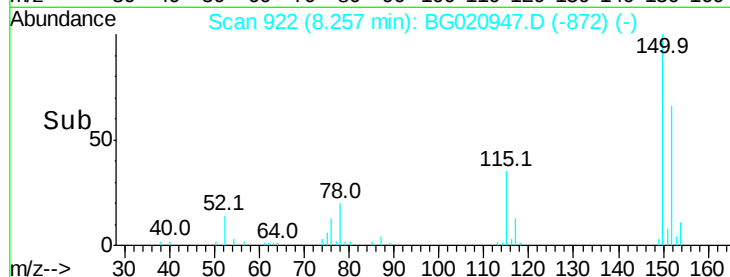
115 53.2 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 13.53 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

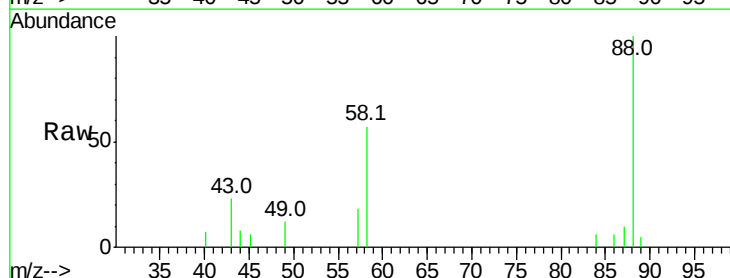
Tgt Ion: 88 Resp: 5696

Ion Ratio Lower Upper

88 100

58 63.9 50.3 75.5

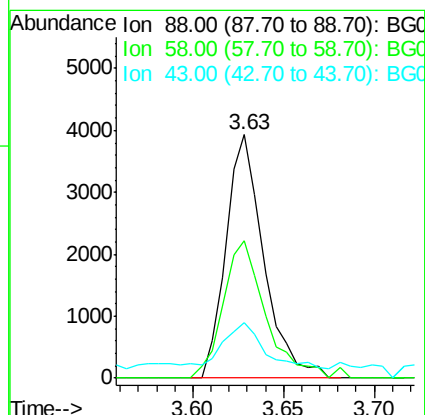
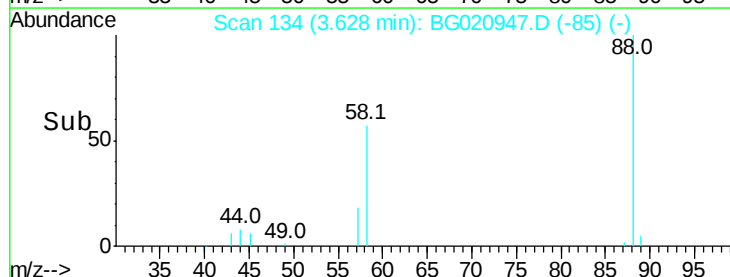
43 19.3 14.5 21.7

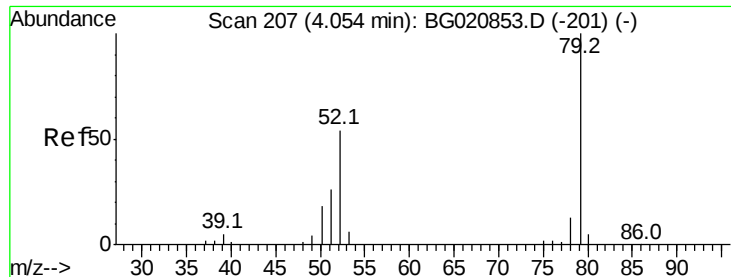


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 10.32 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

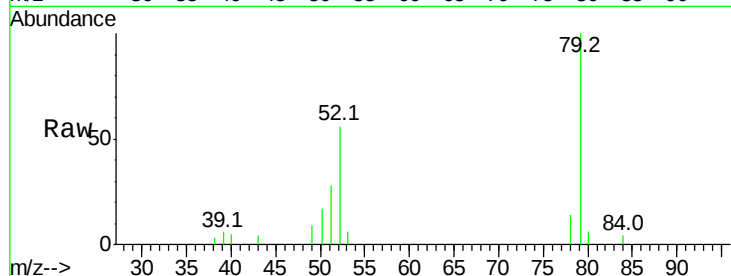
Tot Ion: 79 Resp: 12851

Ion Ratio Lower Upper

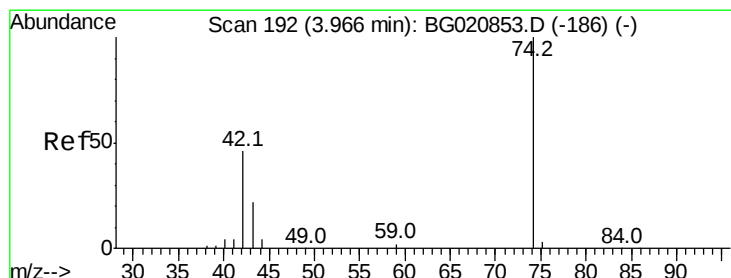
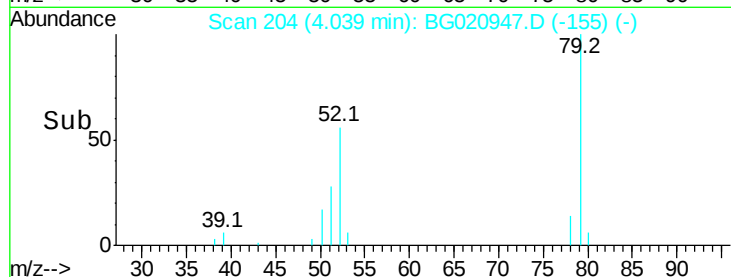
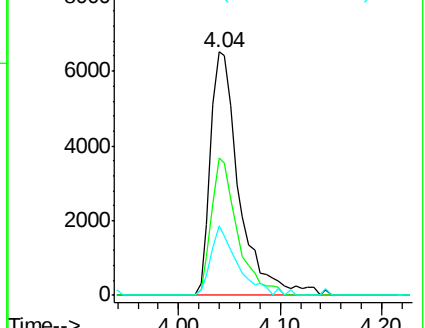
79 100

52 56.4 43.1 64.7

51 28.5 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: 14.39 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

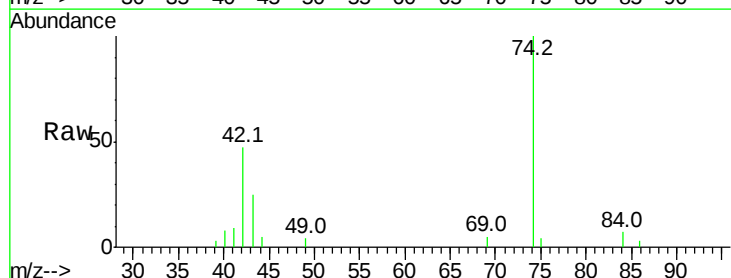
Tgt Ion: 42 Resp: 4689

Ion Ratio Lower Upper

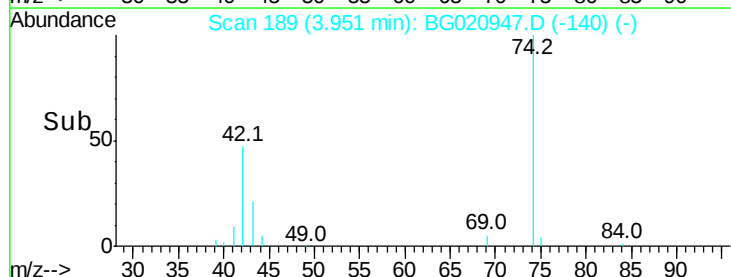
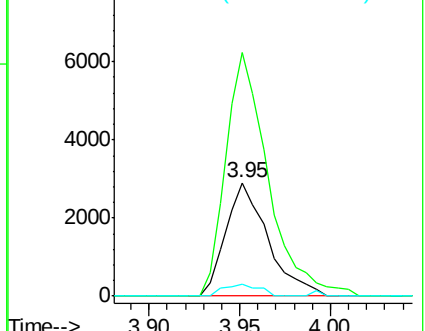
42 100

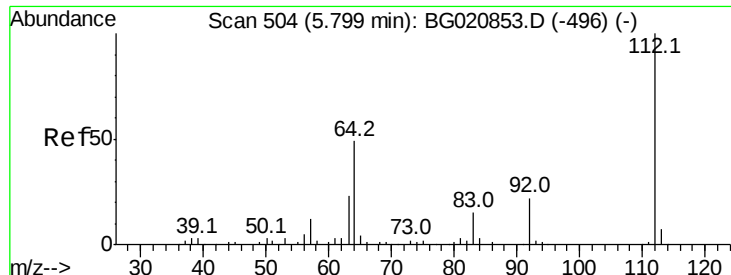
74 214.6 173.8 260.6

44 10.8 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: 69.32 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

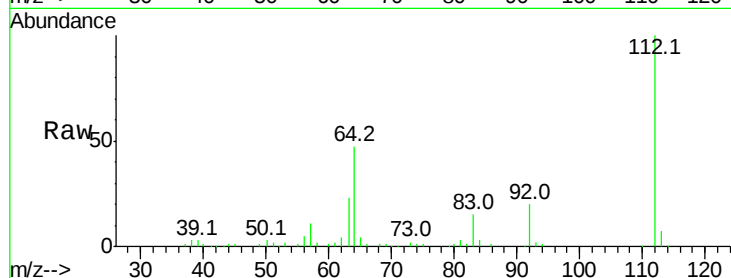
Tot Ion: 112 Resp: 80257

Ion Ratio Lower Upper

112 100

64 47.1 39.3 58.9

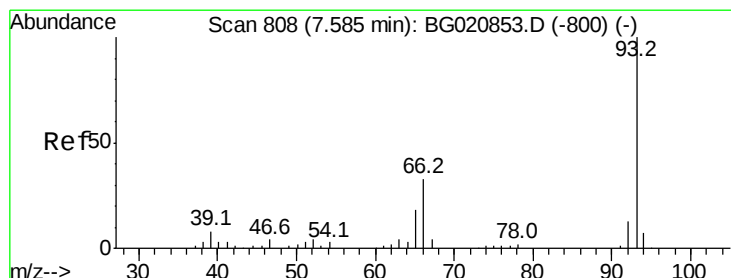
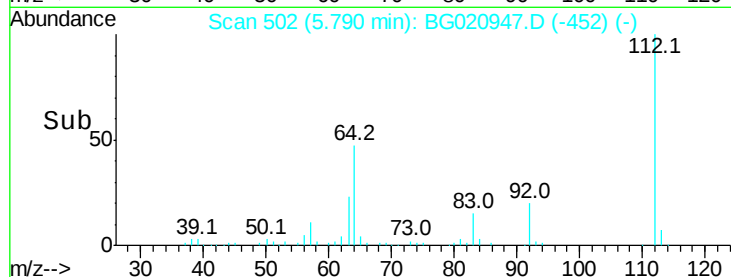
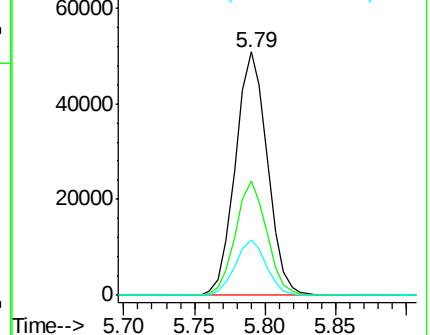
63 22.7 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.93 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

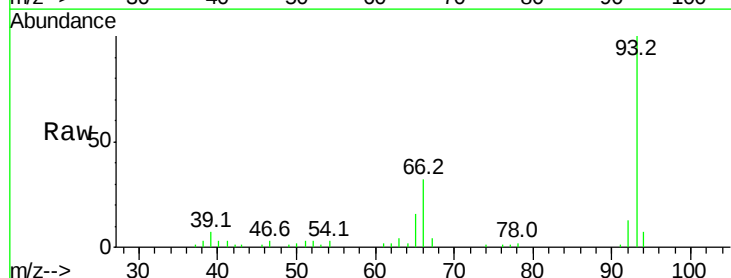
Tgt Ion: 93 Resp: 46271

Ion Ratio Lower Upper

93 100

66 32.2 26.6 40.0

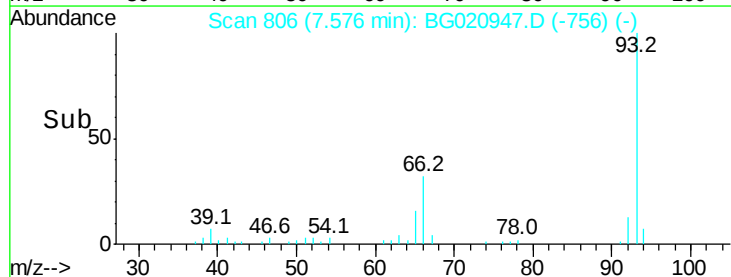
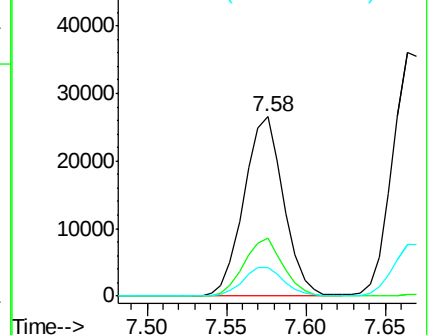
65 15.8 14.0 21.0

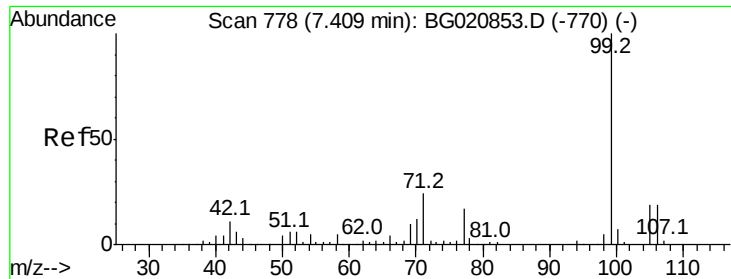


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 41.74 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

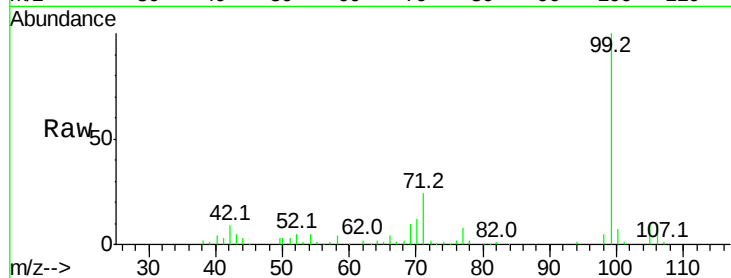
Tot Ion: 99 Resp: 70633

Ion Ratio Lower Upper

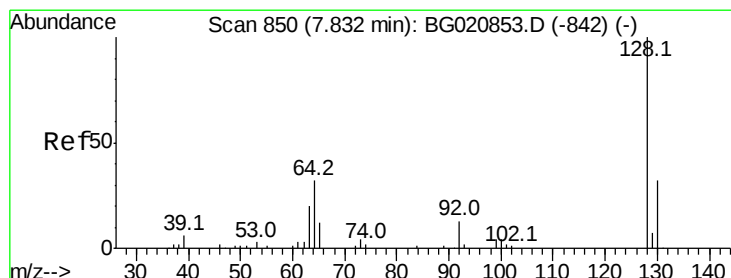
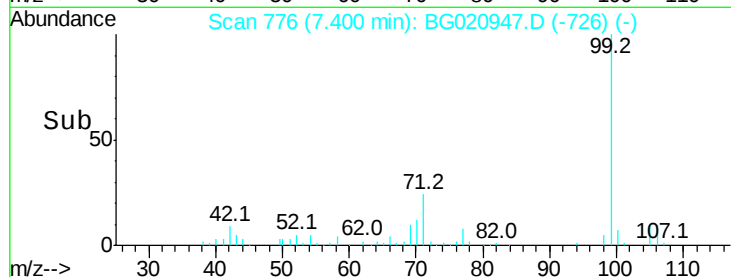
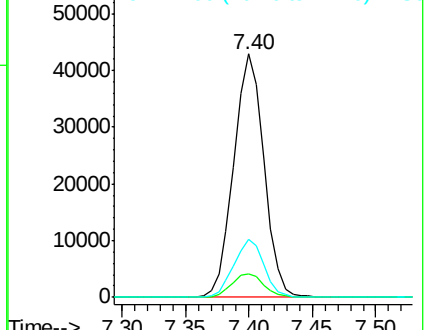
99 100

42 9.4 8.4 12.6

71 23.6 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: 33.95 ng

RT: 7.82 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

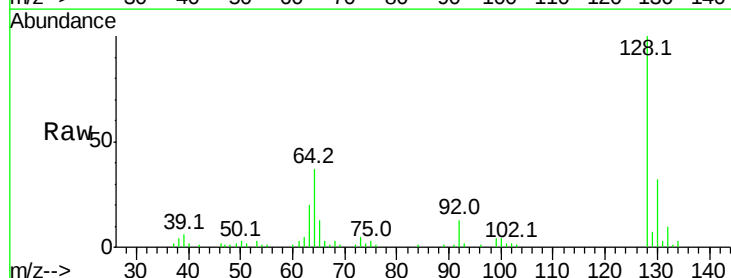
Tgt Ion: 128 Resp: 49106

Ion Ratio Lower Upper

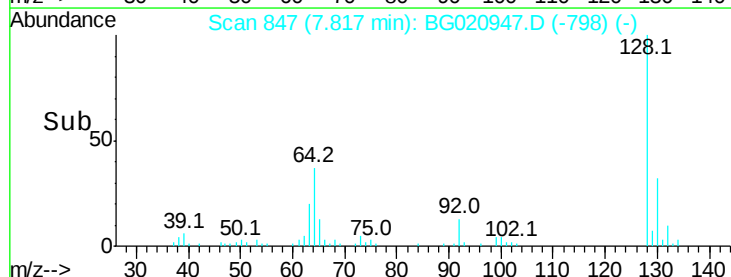
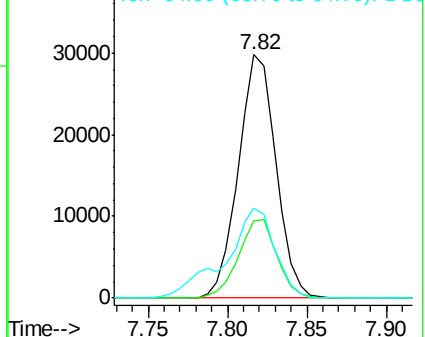
128 100

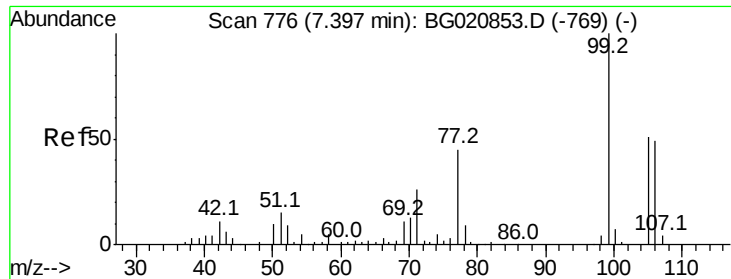
130 31.9 12.3 52.3

64 37.2 15.9 55.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.39 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

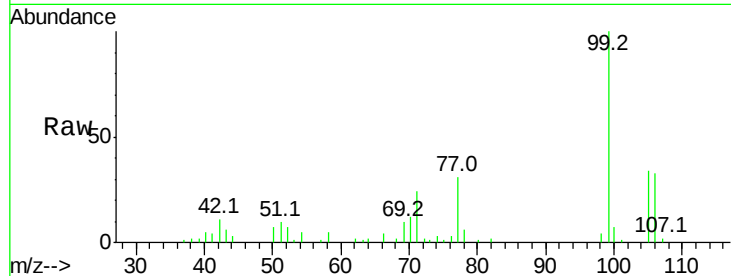
Tot Ion: 77 Resp: 12194

Ion Ratio Lower Upper

77 100

105 111.0 93.4 133.4

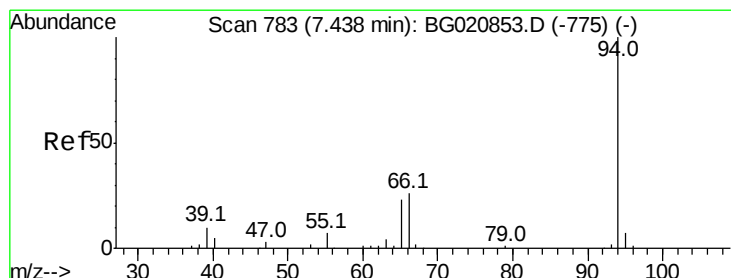
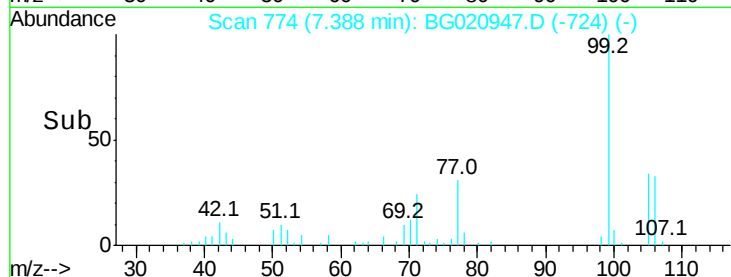
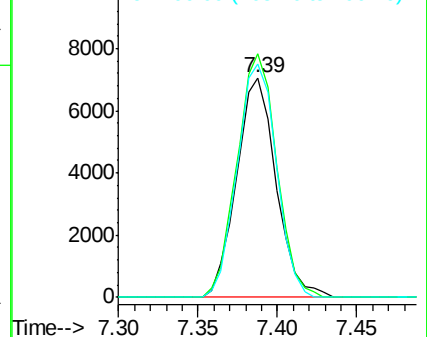
106 106.6 88.7 128.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 12.01 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

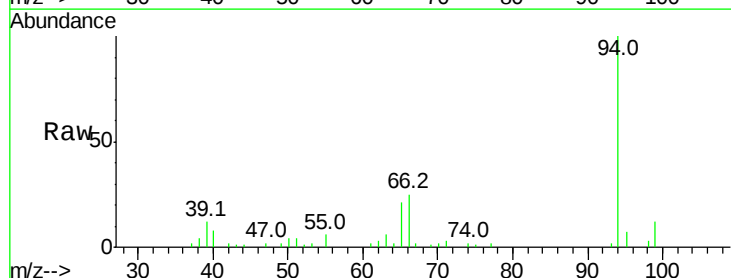
Tgt Ion: 94 Resp: 21515

Ion Ratio Lower Upper

94 100

65 20.6 2.8 42.8

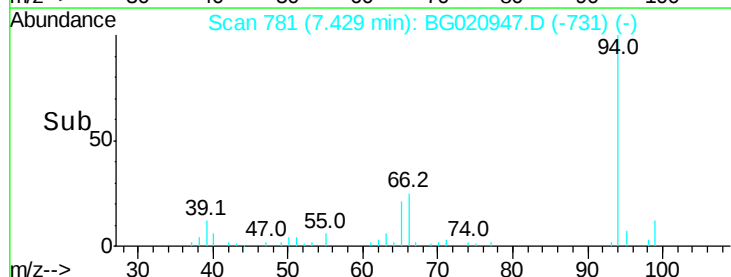
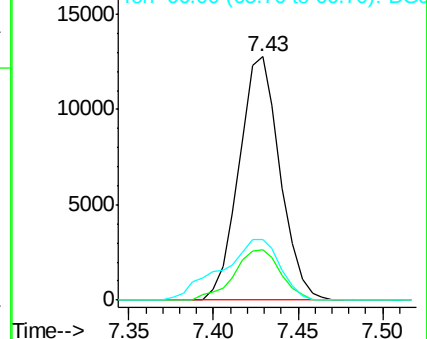
66 24.9 7.2 47.2

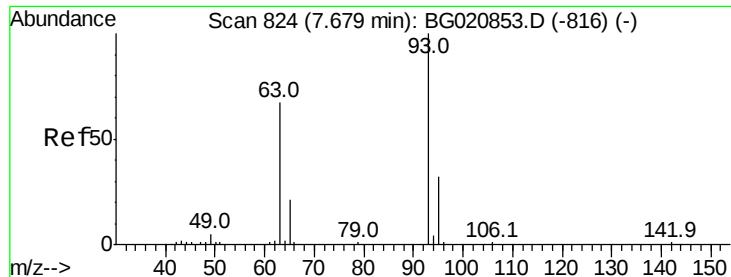


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

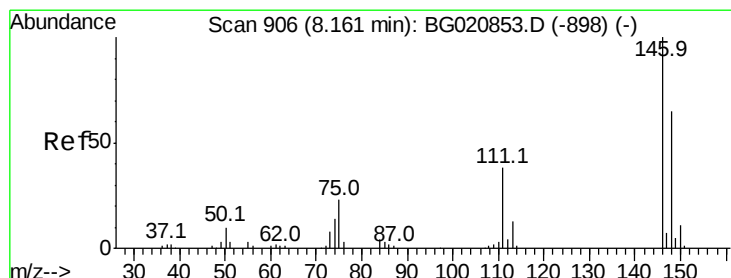
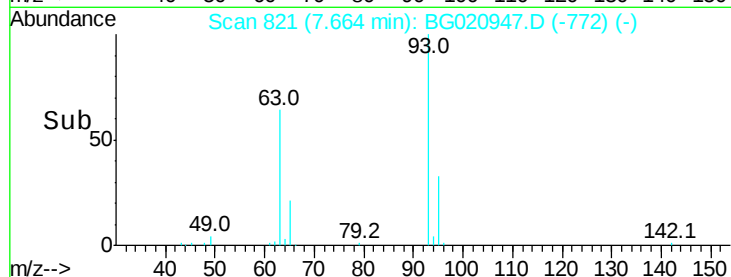
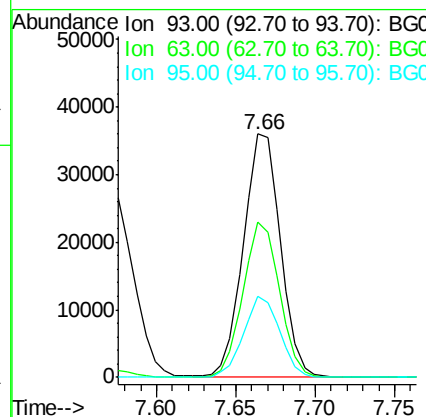
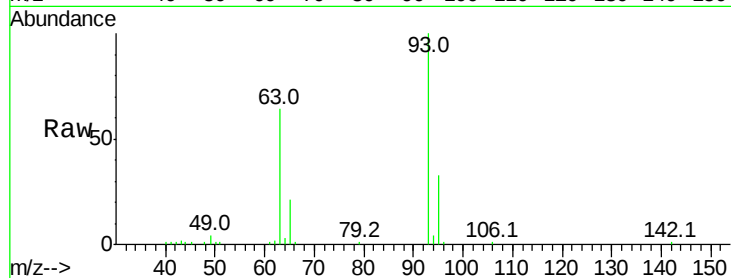




#11
bis(2-Chloroethyl)ether
Concen: 40.94 ng
RT: 7.66 min Scan# 821
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

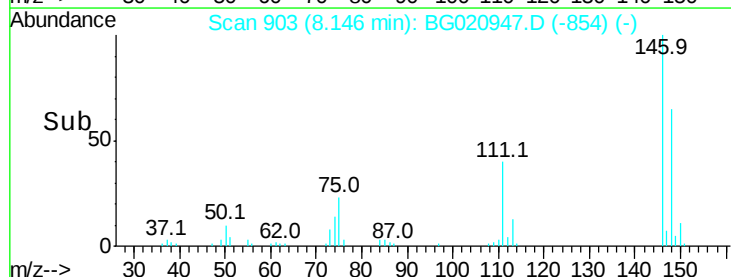
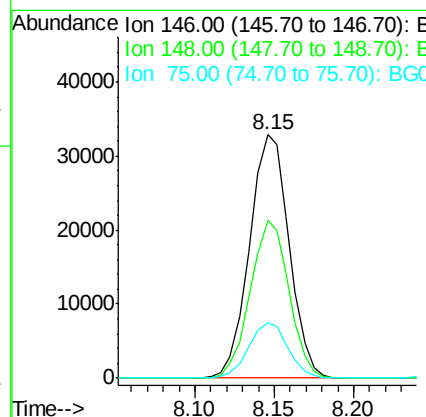
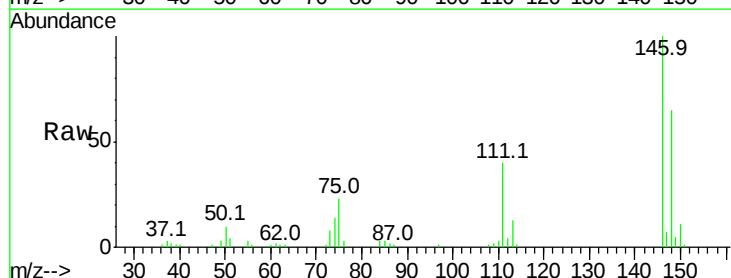
Instrument :
BNA_G
ClientSampleId :

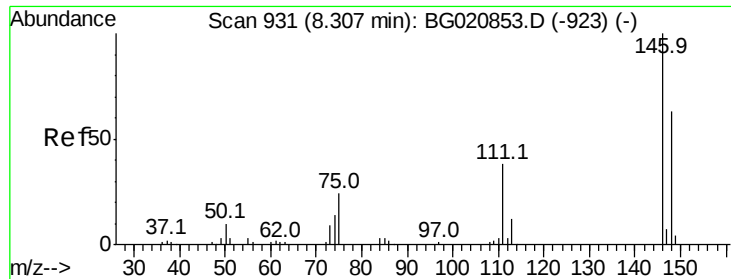
Tot Ion: 93 Resp: 58561
Ion Ratio Lower Upper
93 100
63 63.6 46.4 86.4
95 33.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.19 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion: 146 Resp: 56876
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 23.0 18.7 28.1

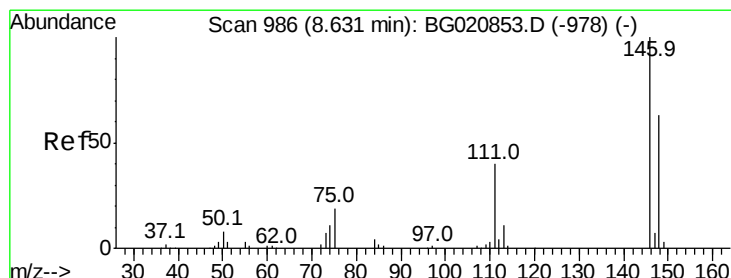
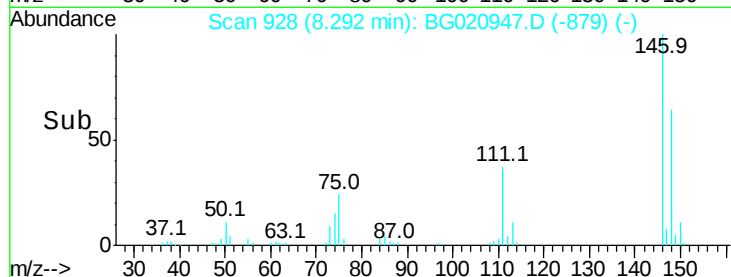
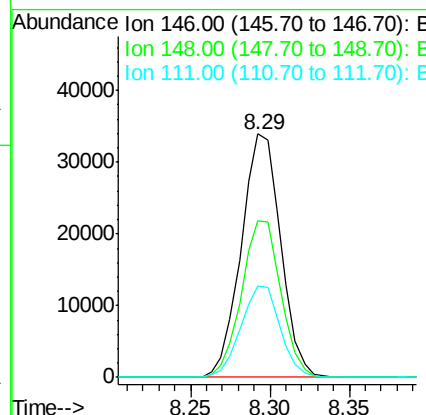
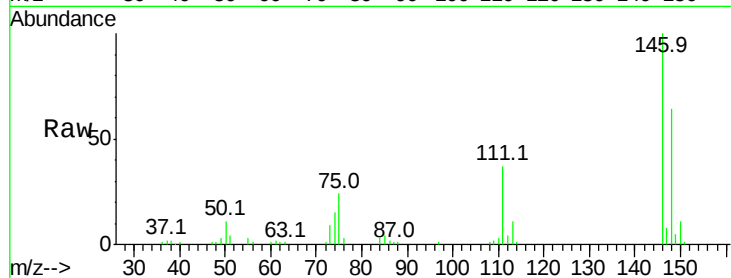




#13
 1,4-Dichlorobenzene
 Concen: 37.74 ng
 RT: 8.29 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

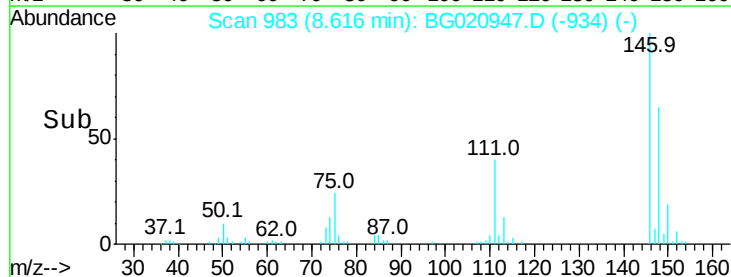
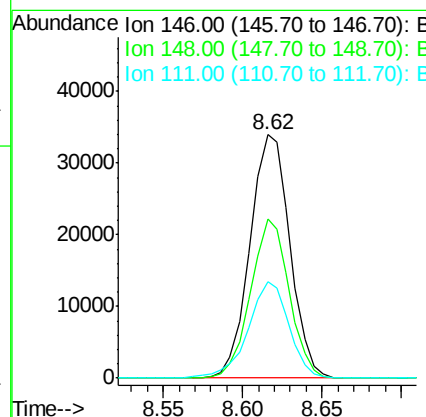
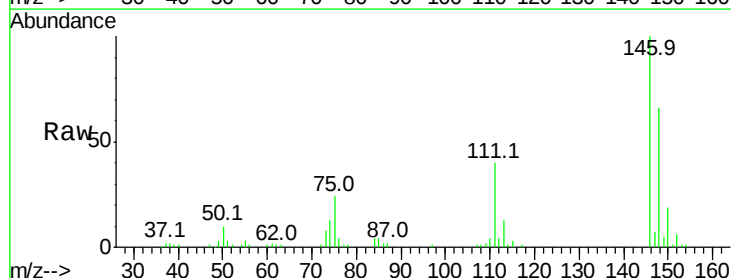
Instrument :
 BNA_G
 ClientSampleId :

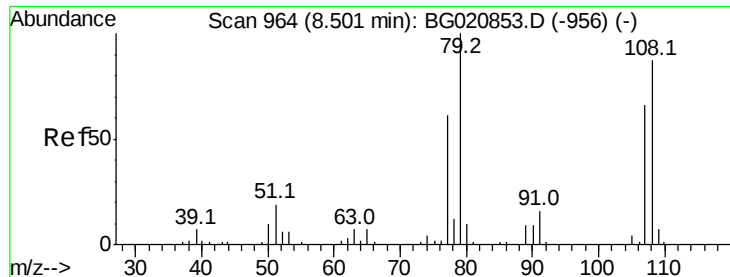
Tot Ion:146 Resp: 58513
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 37.4 30.1 45.1



#14
 1,2-Dichlorobenzene
 Concen: 39.35 ng
 RT: 8.62 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:146 Resp: 59346
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 76.0
 111 39.7 32.6 48.8





#15

Benzyl Alcohol

Concen: 26.46 ng

RT: 8.49 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

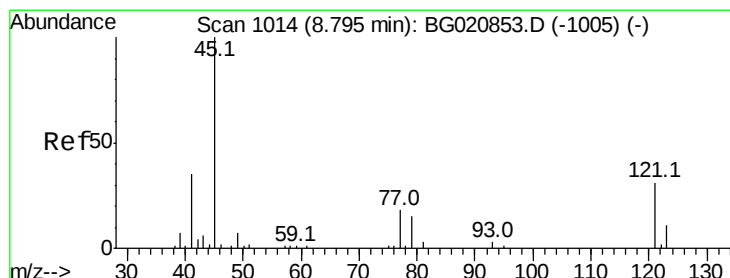
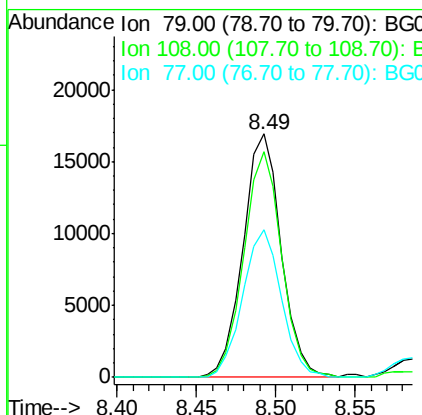
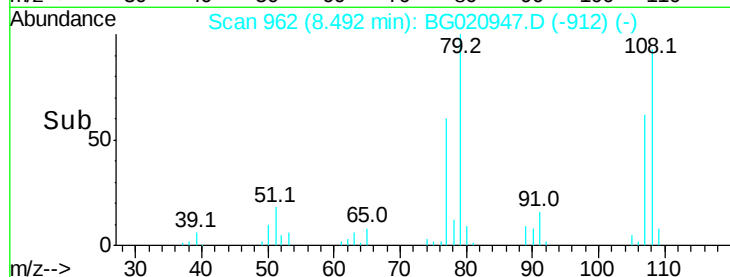
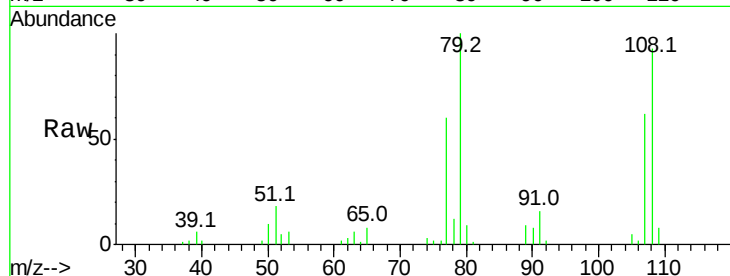
Tot Ion: 79 Resp: 28231

Ion Ratio Lower Upper

79 100

108 92.9 69.4 104.2

77 60.5 48.6 73.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.72 ng

RT: 8.79 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

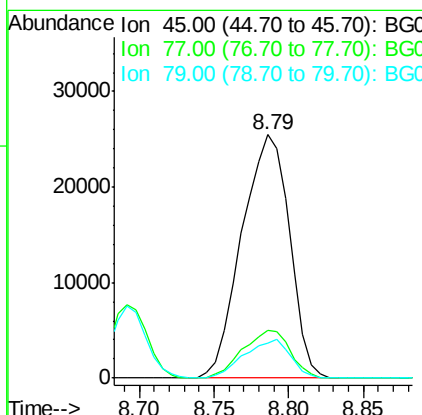
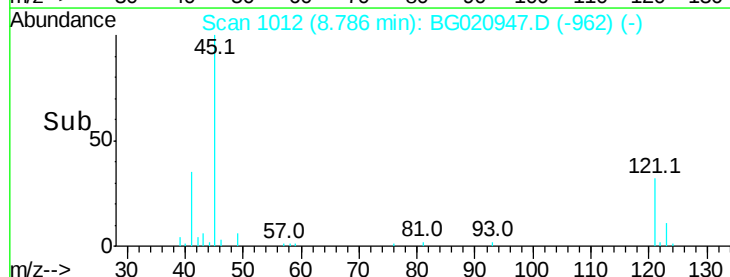
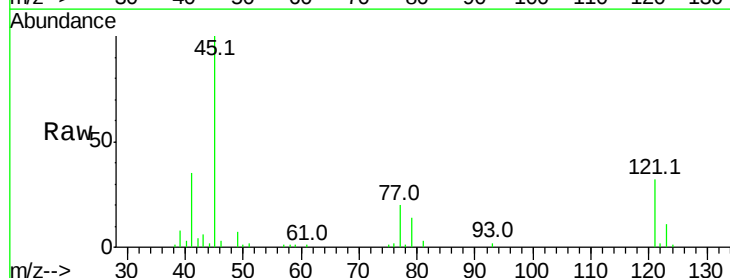
Tgt Ion: 45 Resp: 56284

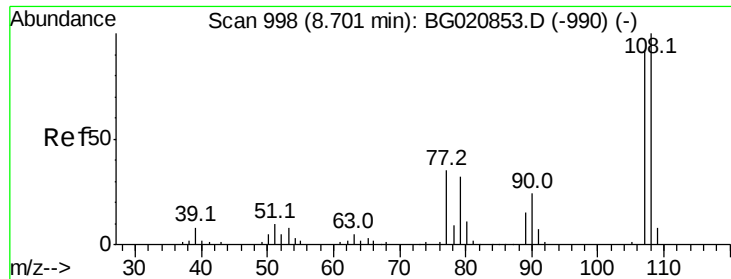
Ion Ratio Lower Upper

45 100

77 19.7 0.0 38.5

79 14.4 0.0 34.9

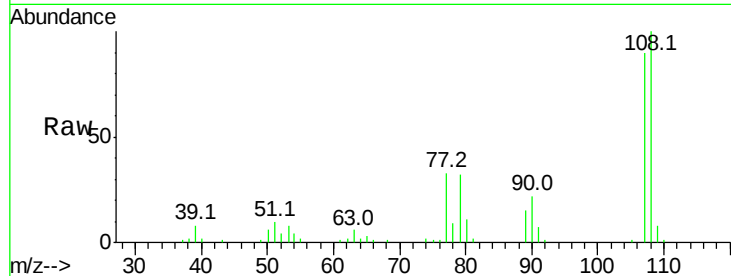




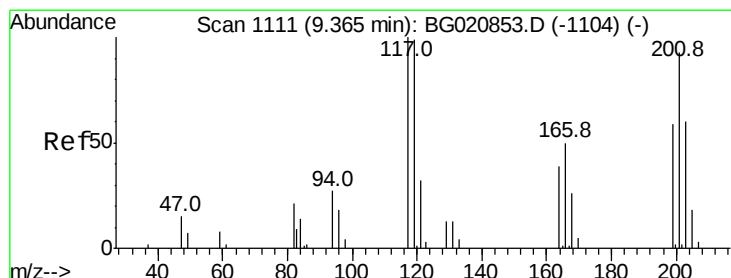
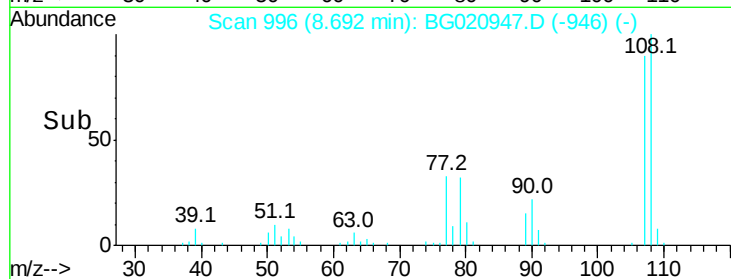
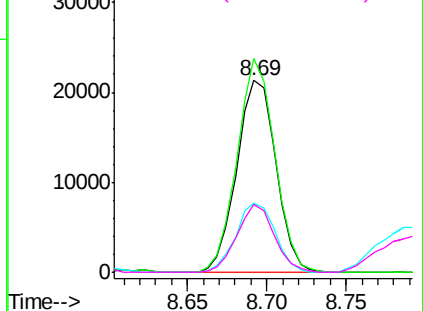
#17
2-Methylphenol
Concen: 28.43 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	36682
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.0	130.4
77	36.3	30.1	45.1
79	35.3	27.4	41.2

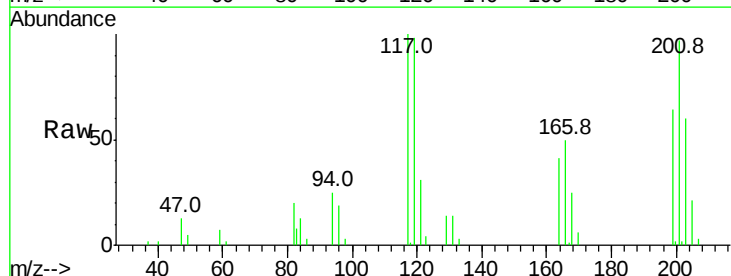


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

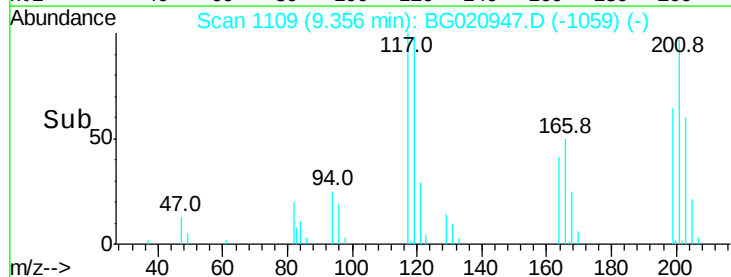
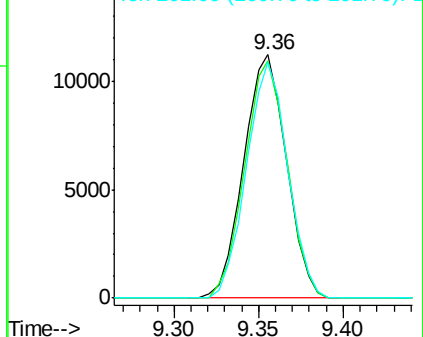


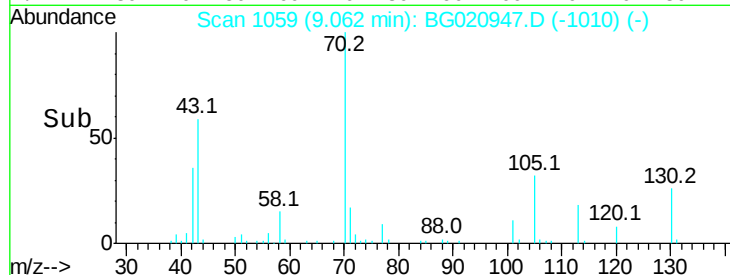
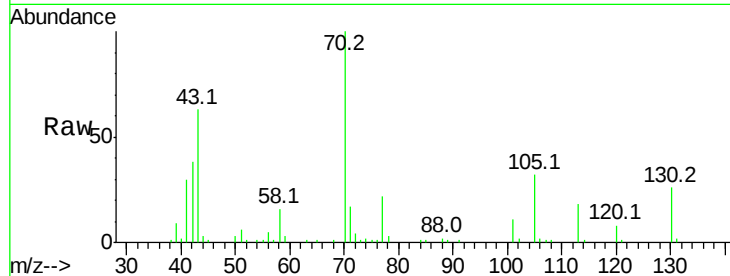
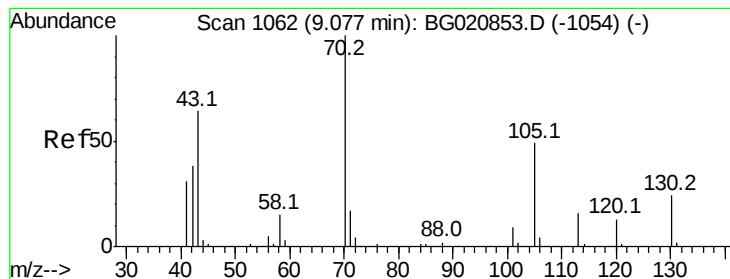
#18
Hexachloroethane
Concen: 36.90 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:	117	Resp:	19671
Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.6	119.4
201	96.7	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: 42.43 ng

RT: 9.06 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 46335

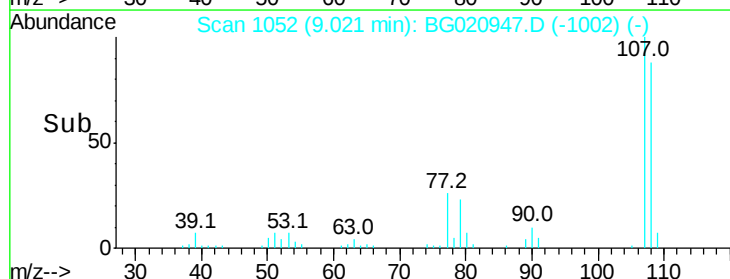
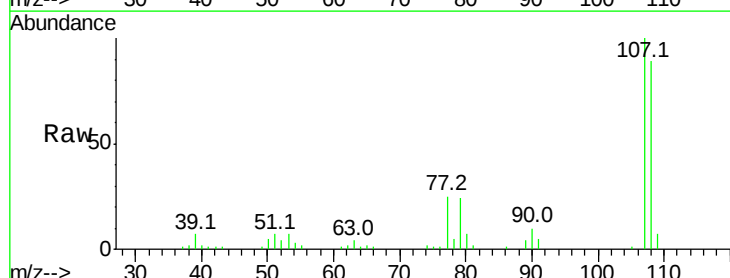
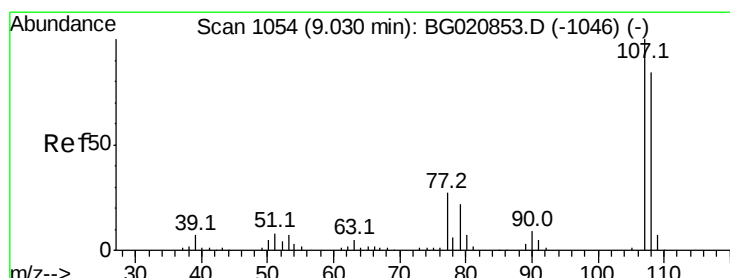
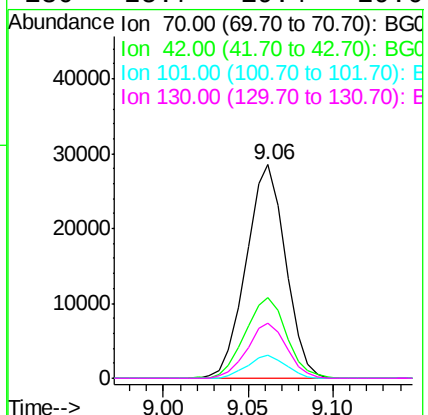
Ion Ratio Lower Upper

70 100

42 37.9 30.9 46.3

101 11.0 7.3 10.9#

130 25.7 19.4 29.0



#20

3+4-Methylphenols

Concen: 24.84 ng

RT: 9.02 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion: 107 Resp: 44653

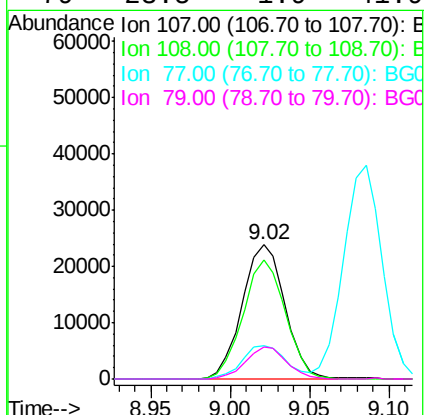
Ion Ratio Lower Upper

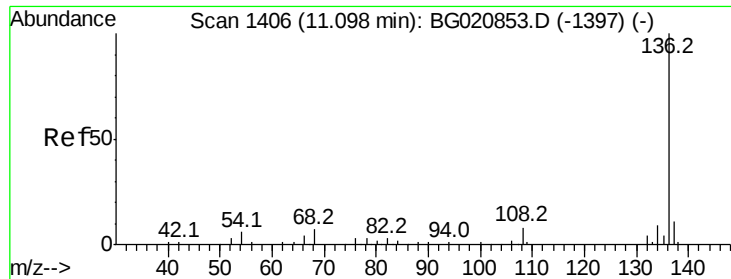
107 100

108 88.7 64.4 104.4

77 25.3 7.1 47.1

79 23.5 1.9 41.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 100174

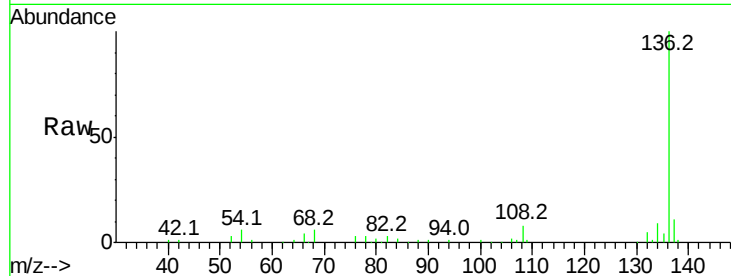
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 5.9 5.0 7.4

68 6.3 5.2 7.8

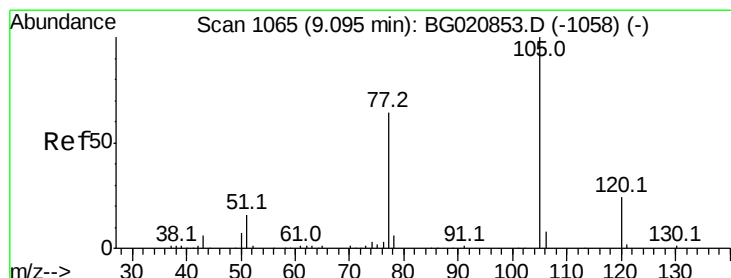
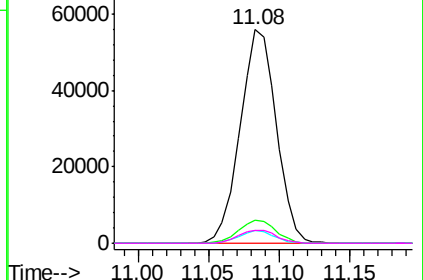
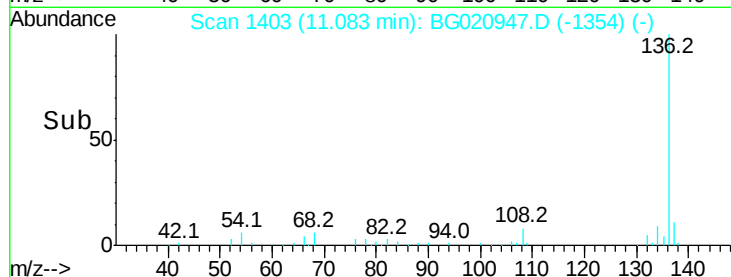


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.77 ng

RT: 9.09 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:105 Resp: 96020

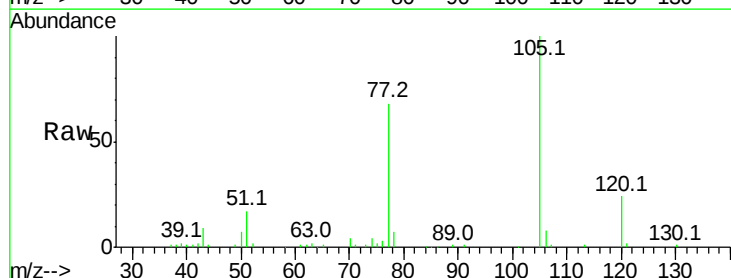
Ion Ratio Lower Upper

105 100

71 0.5 1.4 2.0#

51 17.0 13.7 20.5

120 24.2 19.0 28.6

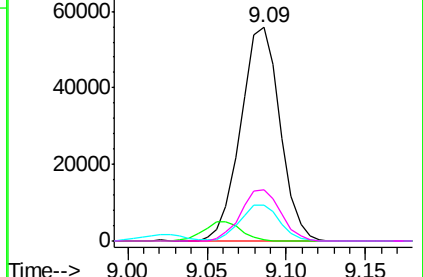
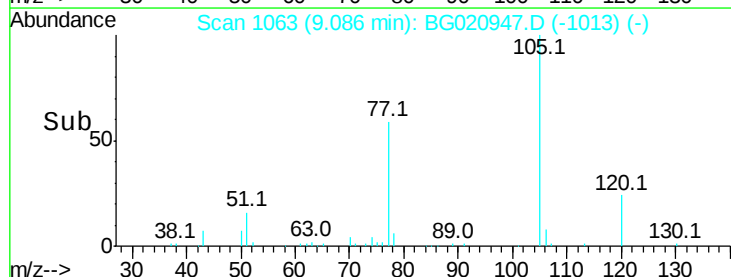


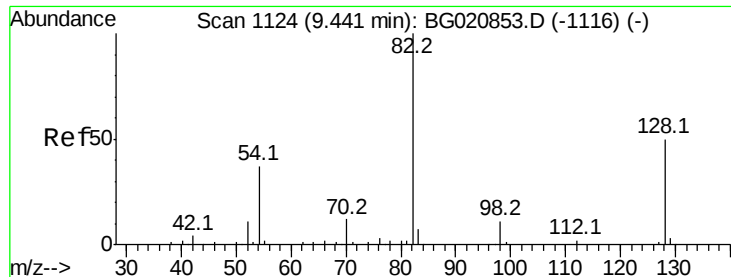
Abundance Ion 105.00 (104.70 to 105.70): E

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

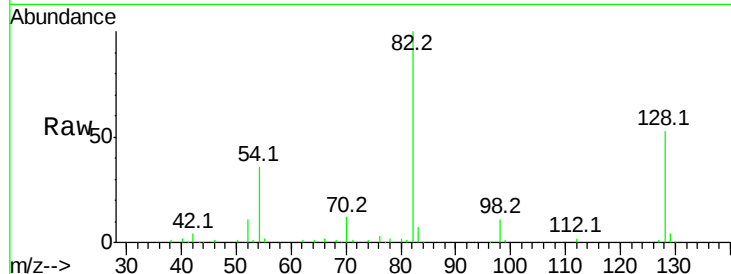




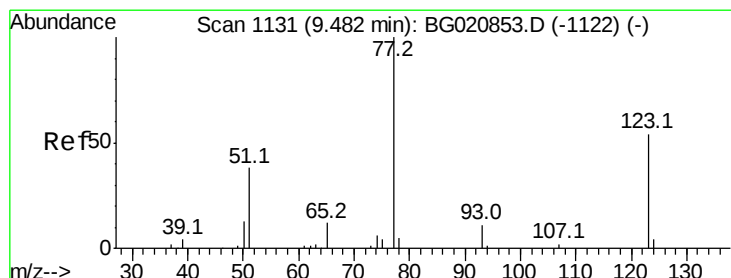
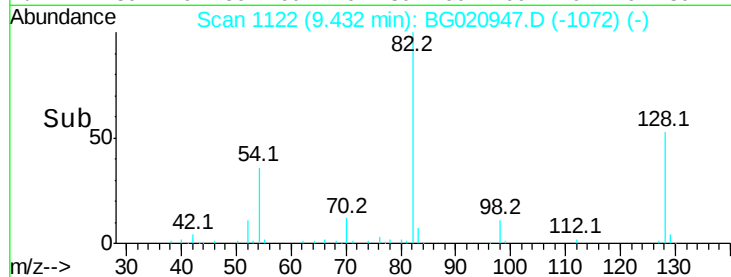
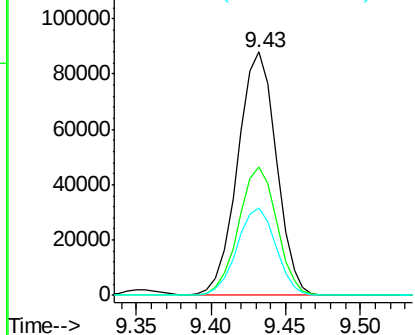
#23
 Nitrobenzene-d5
 Concen: 103.70 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	157991
Ion Ratio	100	Lower	Upper
128	52.7	40.1	60.1
54	36.0	29.5	44.3

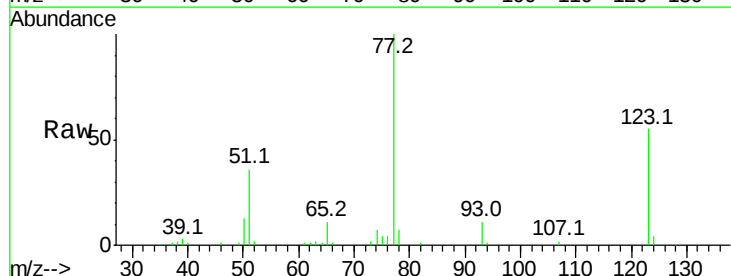


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

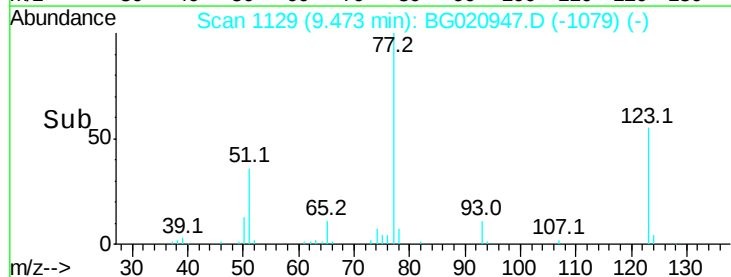
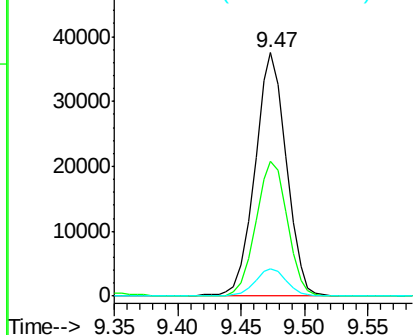


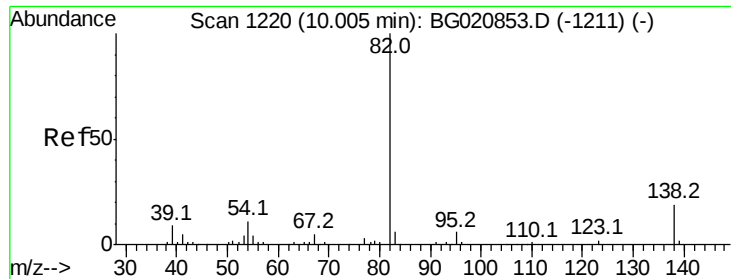
#24
 Nitrobenzene
 Concen: 40.60 ng
 RT: 9.47 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	77	Resp	64483
Ion Ratio	100	Lower	Upper
123	55.2	43.2	64.8
65	11.4	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: 43.28 ng

RT: 9.99 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

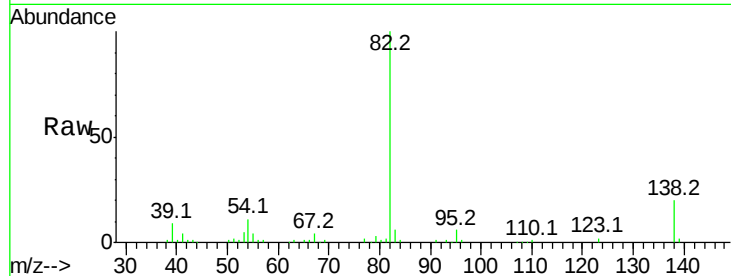
Tot Ion: 82 Resp: 138987

Ion Ratio Lower Upper

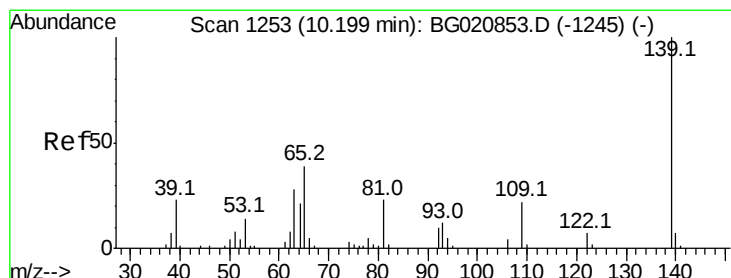
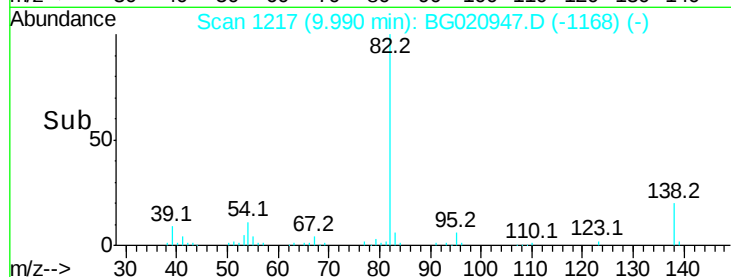
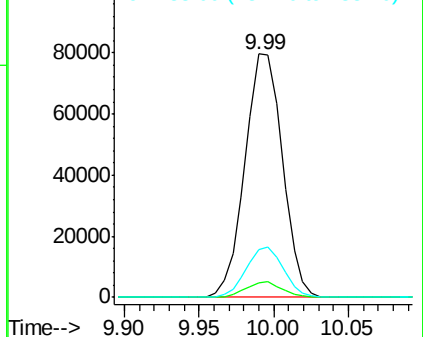
82 100

95 5.9 4.8 7.2

138 19.7 15.4 23.0



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



#26

2-Nitrophenol

Concen: 41.46 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

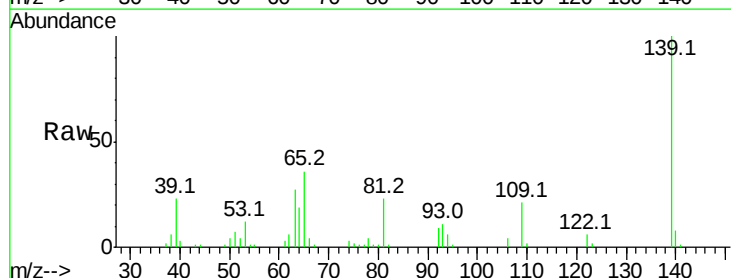
Tgt Ion: 139 Resp: 34653

Ion Ratio Lower Upper

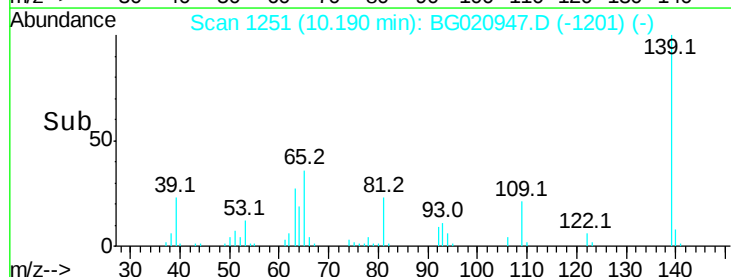
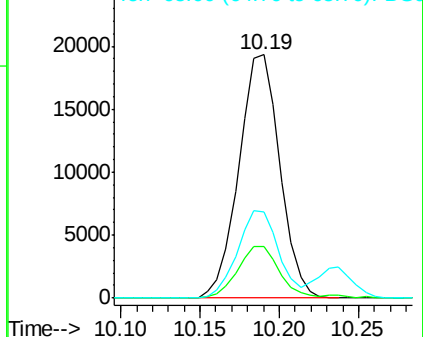
139 100

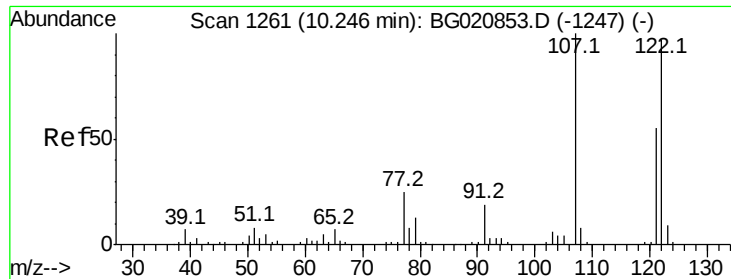
109 21.3 17.6 26.4

65 35.6 31.0 46.6



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

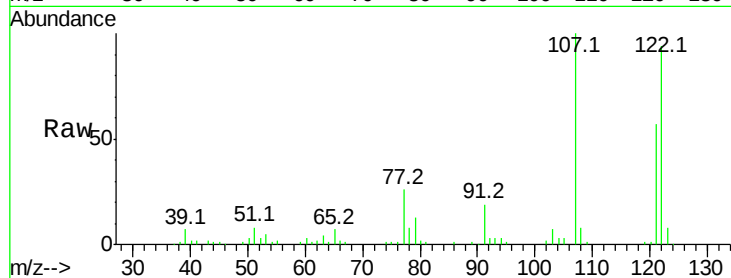




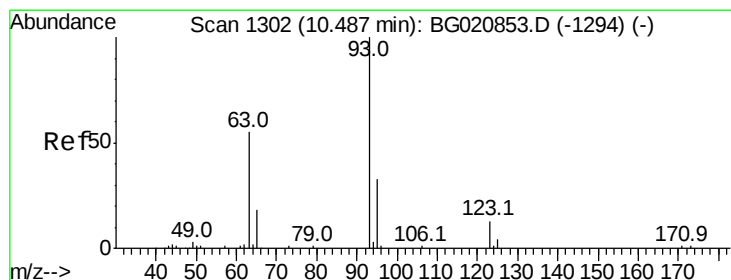
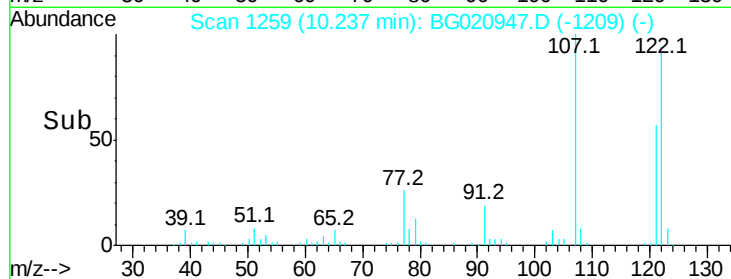
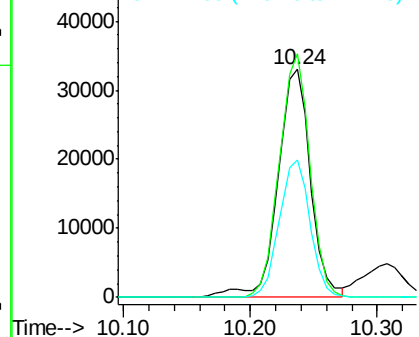
#27
 2,4-Dimethylphenol
 Concen: 36.75 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 58863
 Ion Ratio Lower Upper
 122 100
 107 106.9 82.6 124.0
 121 60.4 45.6 68.4

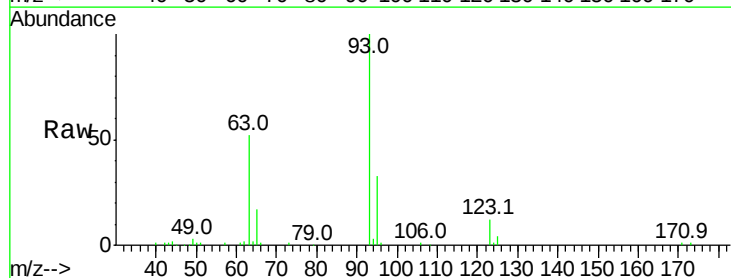


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

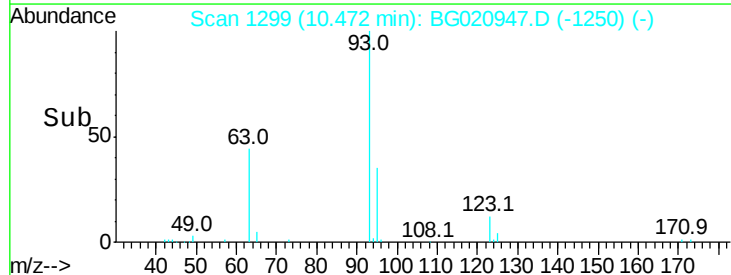
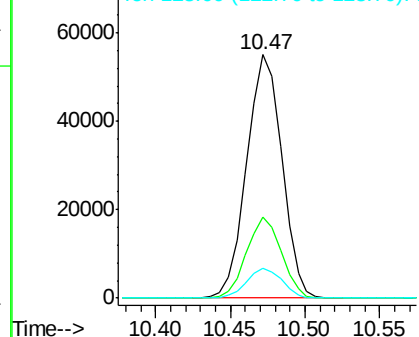


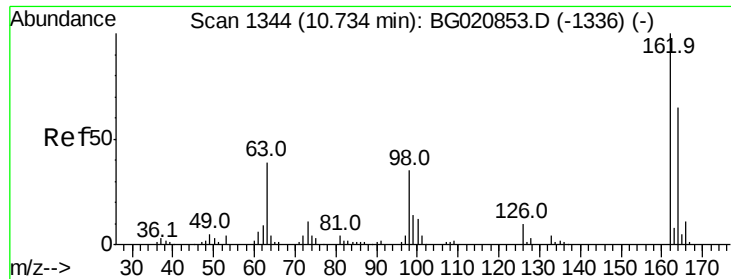
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.35 ng
 RT: 10.47 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion: 93 Resp: 89749
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.2 39.2
 123 12.4 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

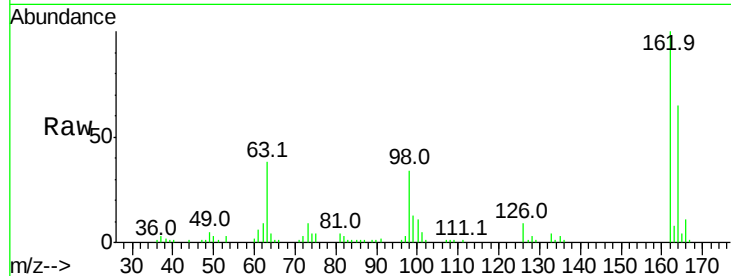




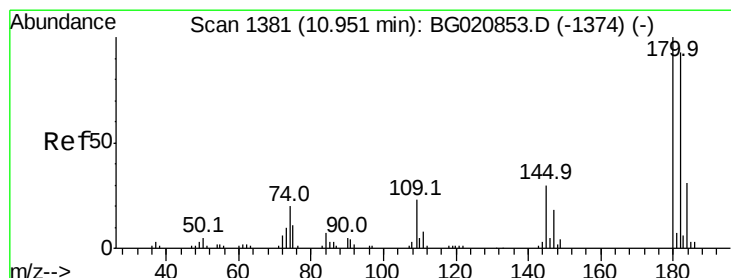
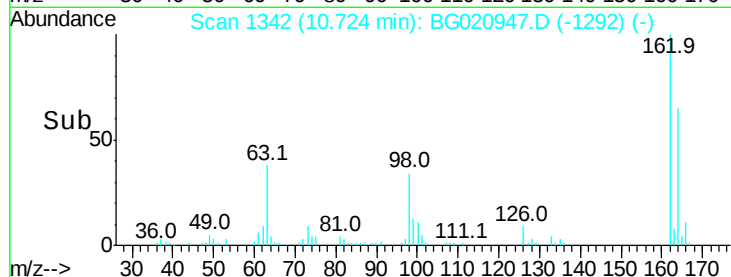
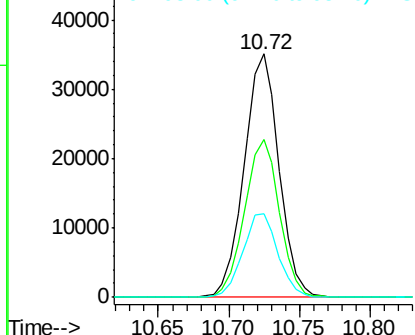
#29
 2,4-Dichlorophenol
 Concen: 42.16 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	34.4	14.9	54.9

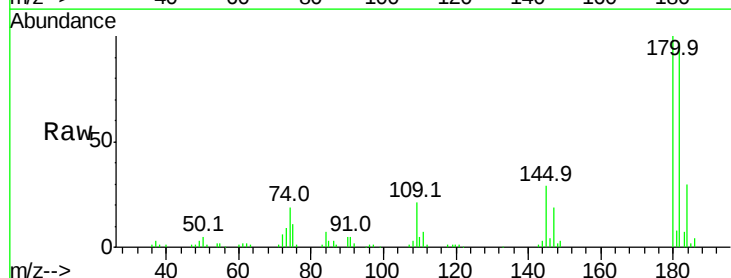


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

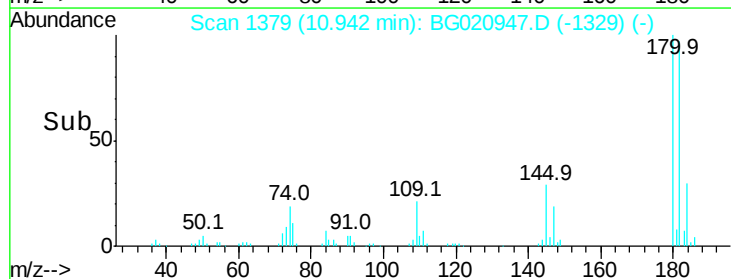
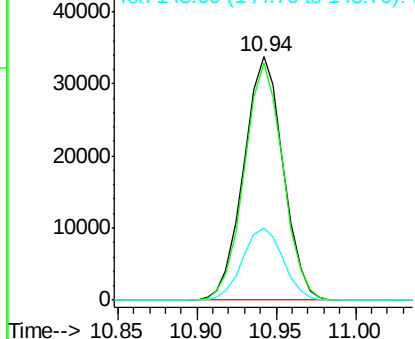


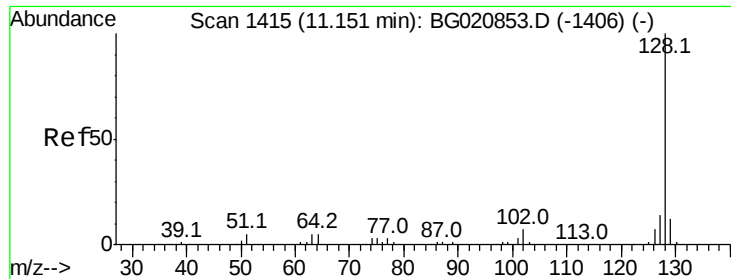
#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.1	111.1
145	29.5	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

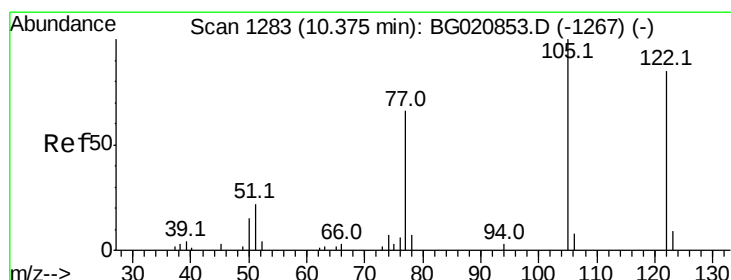
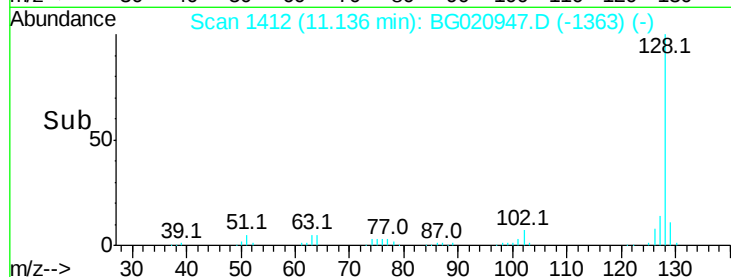
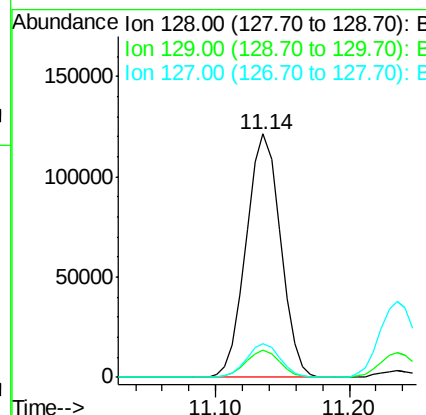
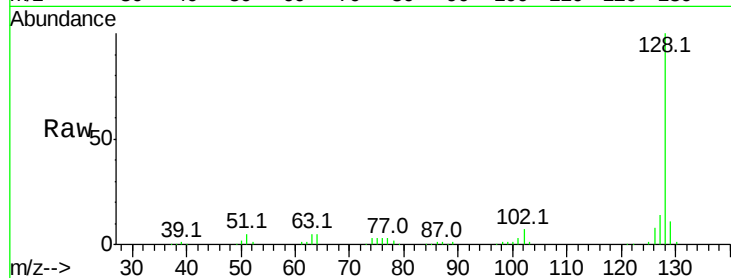




#31
Naphthalene
Concen: 41.64 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

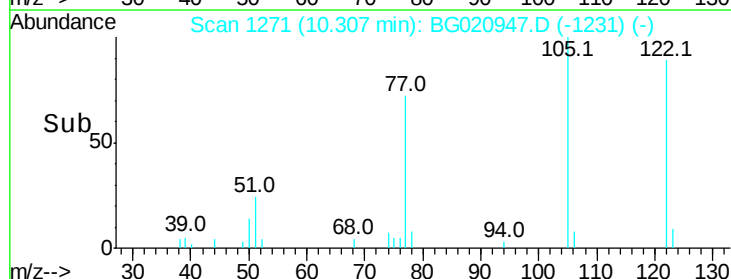
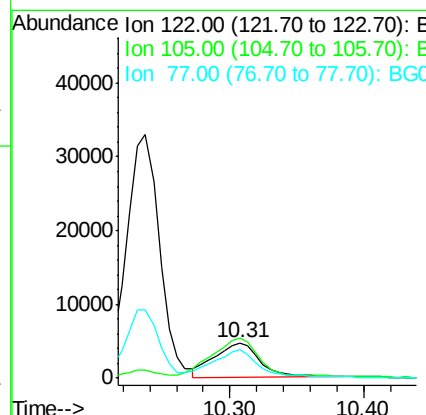
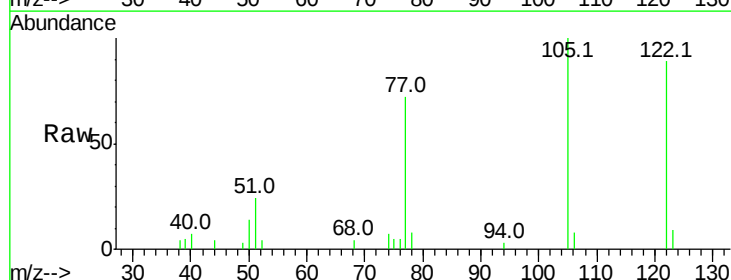
Instrument :
BNA_G
ClientSampleId :

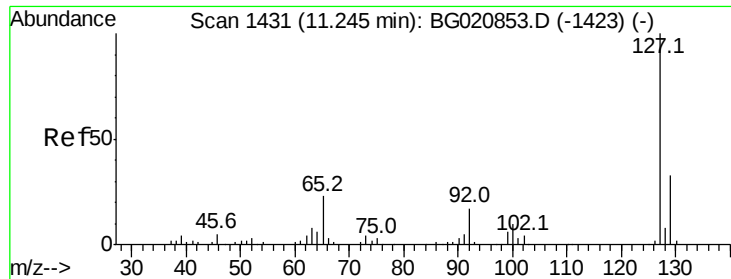
Tot Ion:128 Resp: 215817
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.7 11.4 17.2



#32
Benzoic acid
Concen: 8.65 ng
RT: 10.31 min Scan# 1271
Delta R.T. -0.07 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:122 Resp: 11117
Ion Ratio Lower Upper
122 100
105 112.4 94.0 134.0
77 80.5 56.8 96.8

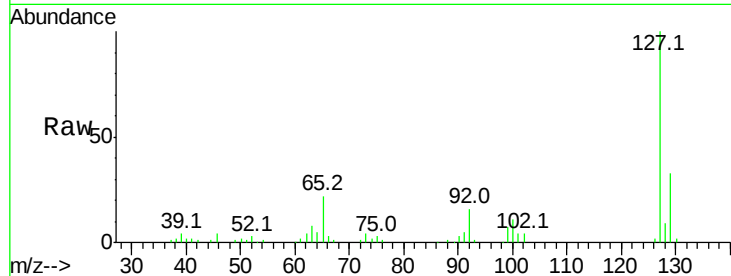




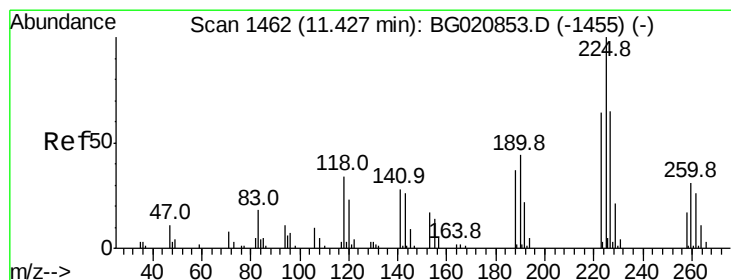
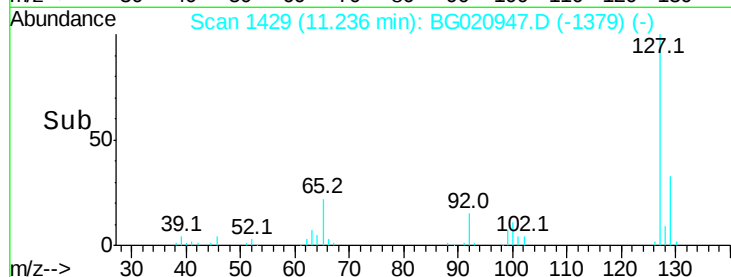
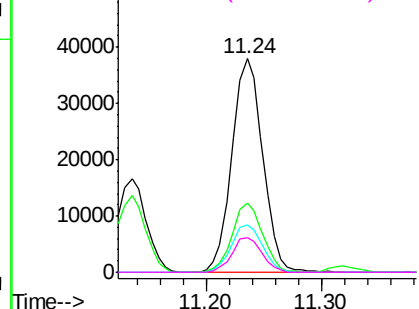
#33
 4-Chloroaniline
 Concen: 31.55 ng
 RT: 11.24 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	70326
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	22.3	18.6	27.8
92	16.5	13.3	19.9

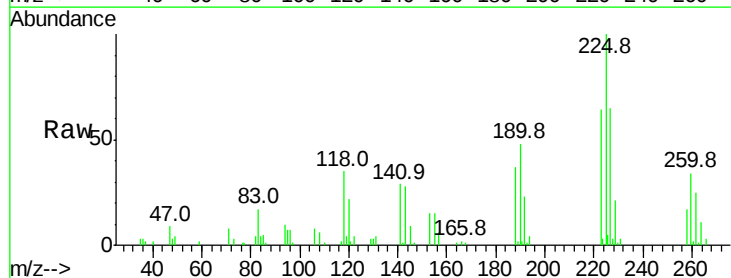


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

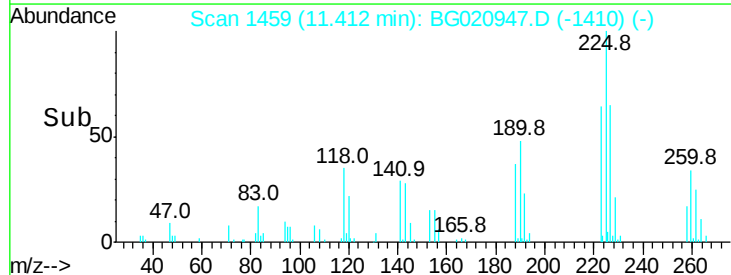
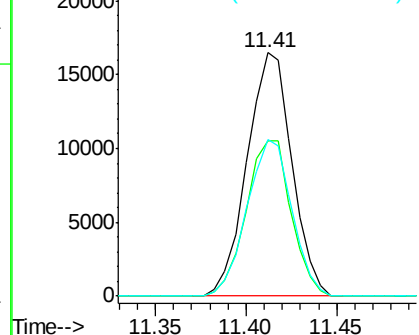


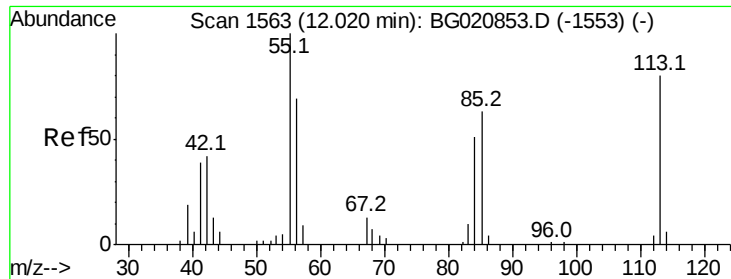
#34
 Hexachlorobutadiene
 Concen: 38.33 ng
 RT: 11.41 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	225	Resp:	28247
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	64.5	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: 6.16 ng

RT: 12.01 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

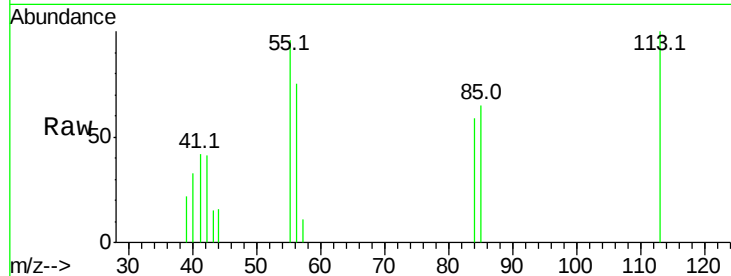
Tot Ion:113 Resp: 3387

Ion Ratio Lower Upper

113 100

55 95.9 104.4 144.4#

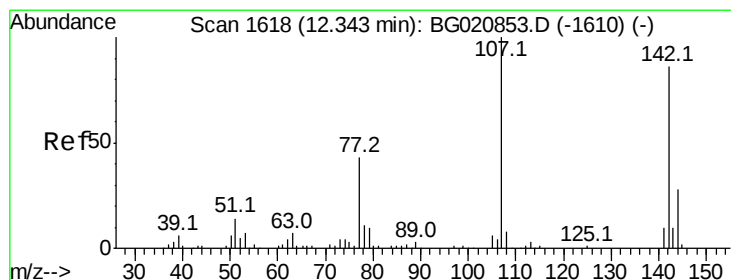
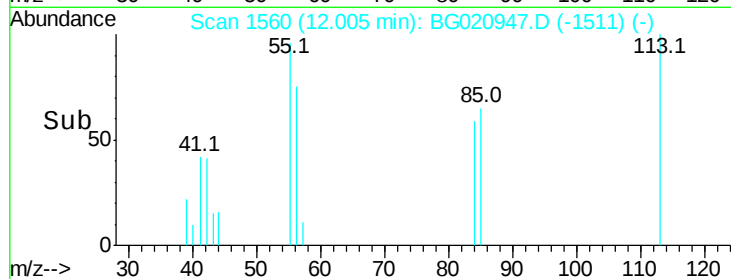
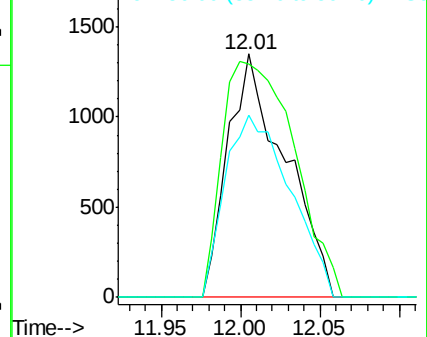
56 74.8 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.22 ng

RT: 12.33 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

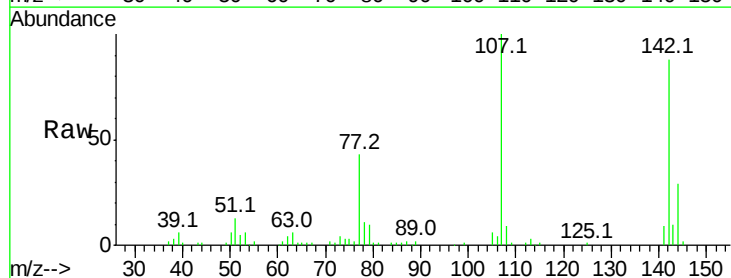
Tgt Ion:107 Resp: 62862

Ion Ratio Lower Upper

107 100

144 29.2 22.4 33.6

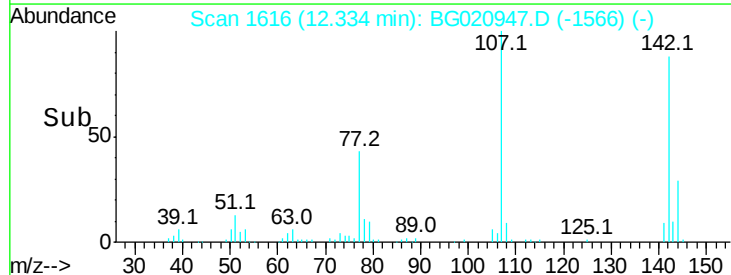
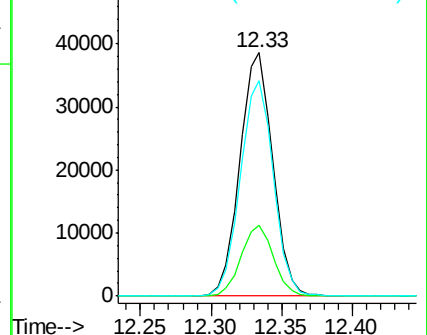
142 88.5 68.6 103.0

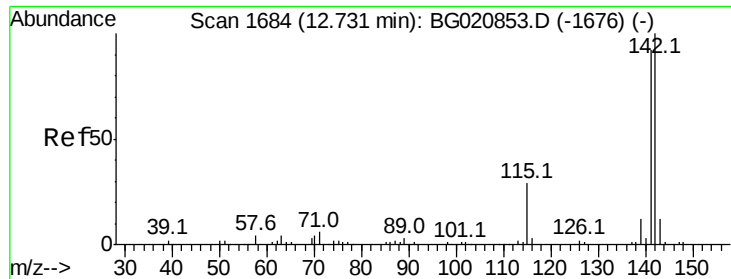


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

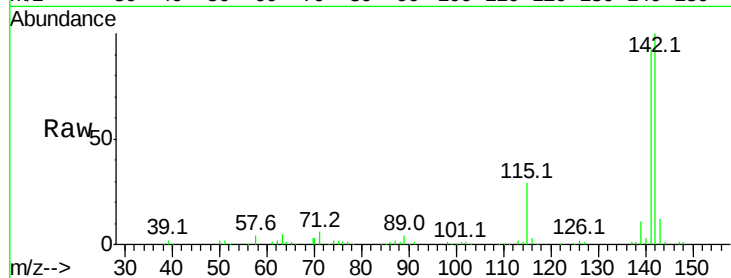




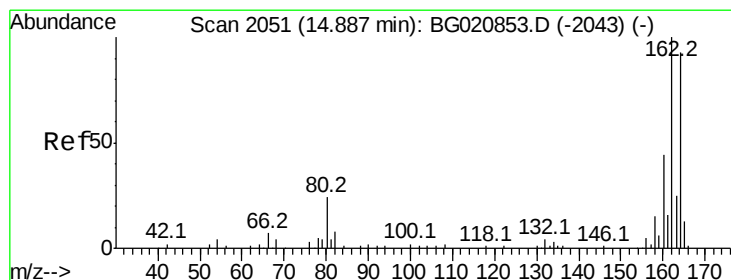
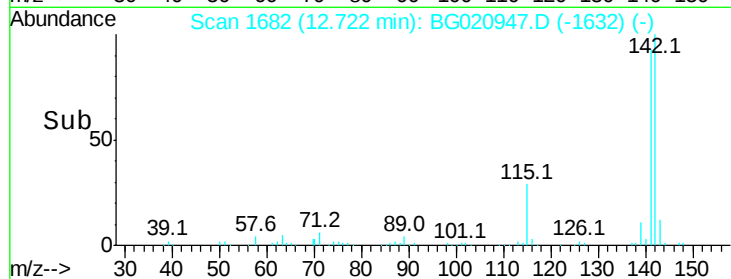
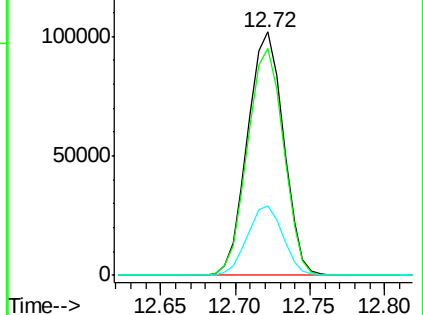
#37
2-Methylnaphthalene
Concen: 46.61 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 169486
Ion Ratio Lower Upper
142 100
141 93.5 73.4 110.2
115 28.7 23.0 34.6

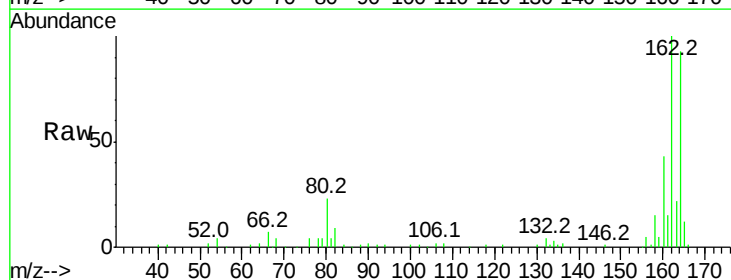


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

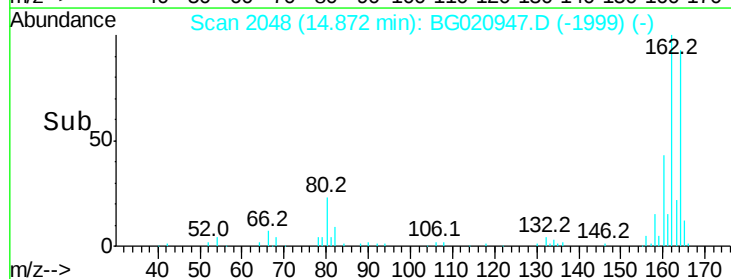
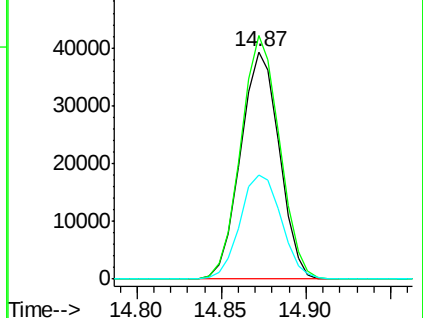


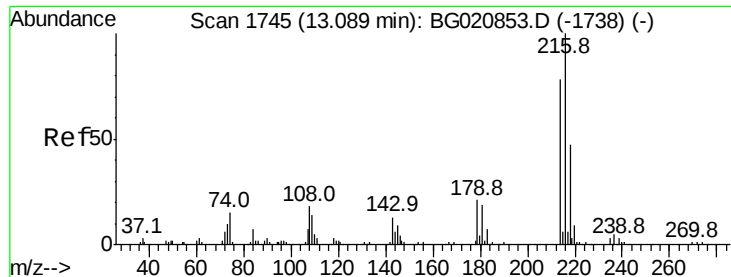
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:164 Resp: 62454
Ion Ratio Lower Upper
164 100
162 107.2 85.7 128.5
160 46.0 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.12 ng

RT: 13.08 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 69844

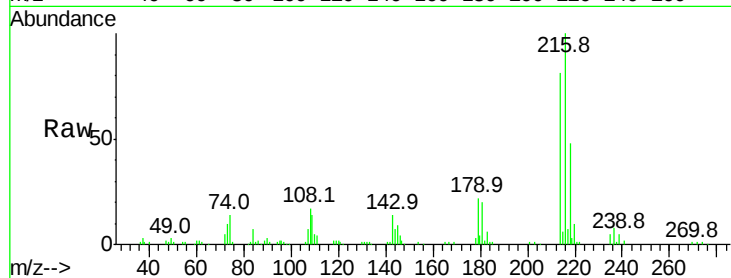
Ion Ratio Lower Upper

216 100

214 79.7 61.9 92.9

179 20.8 16.5 24.7

108 19.3 15.1 22.7

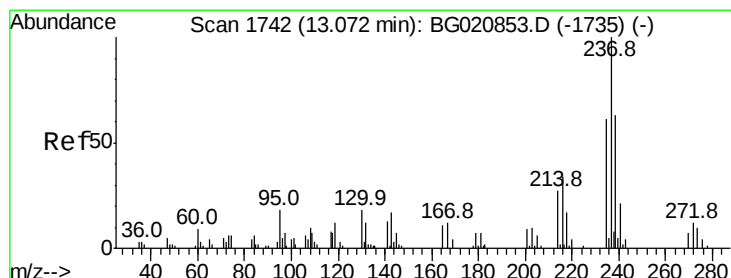
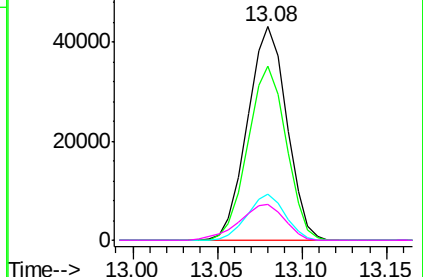
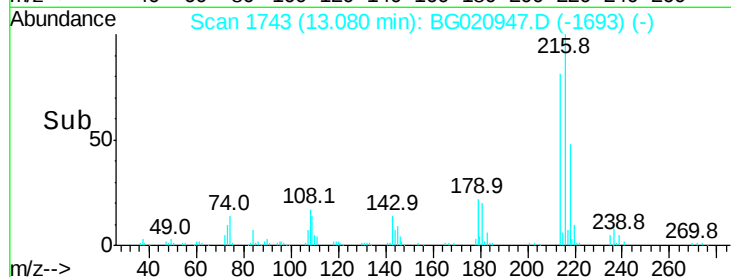


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.12 ng

RT: 13.06 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

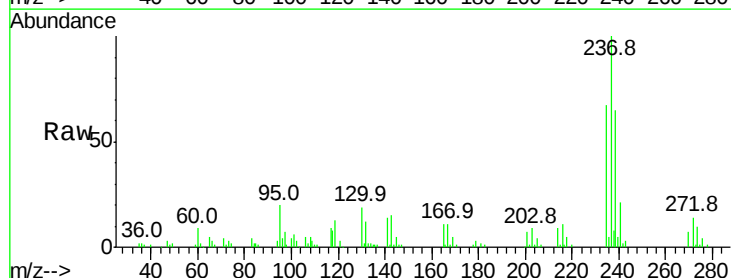
Tgt Ion:237 Resp: 61354

Ion Ratio Lower Upper

237 100

235 66.6 40.8 80.8

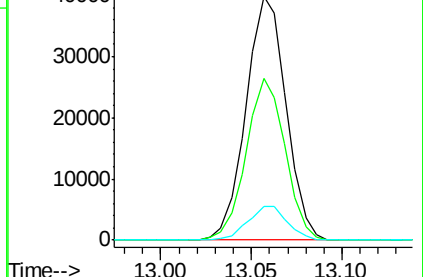
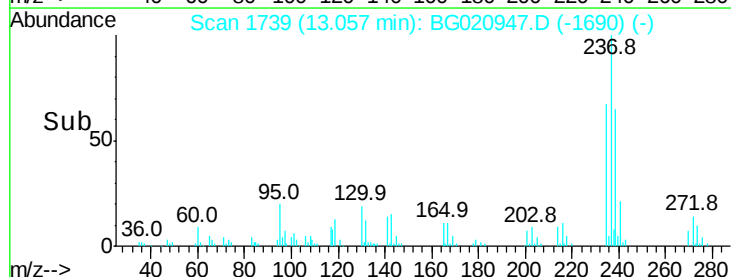
272 13.8 0.0 32.3

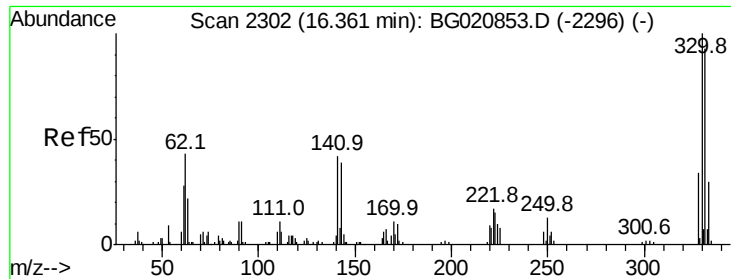


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

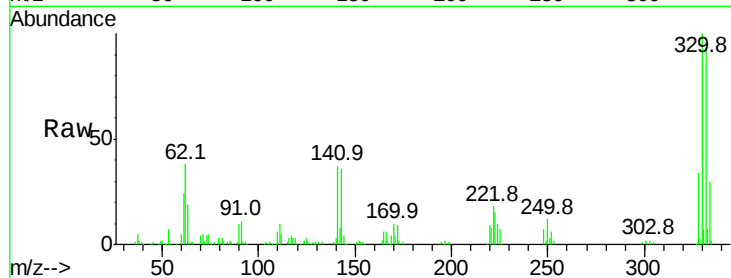




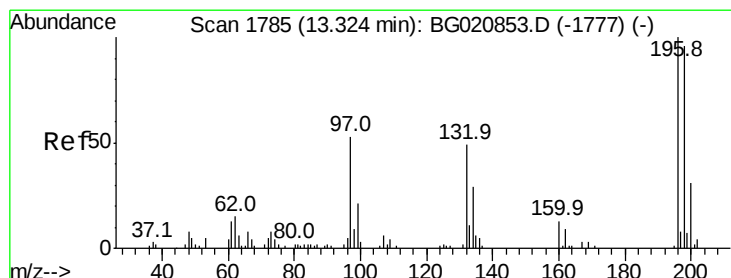
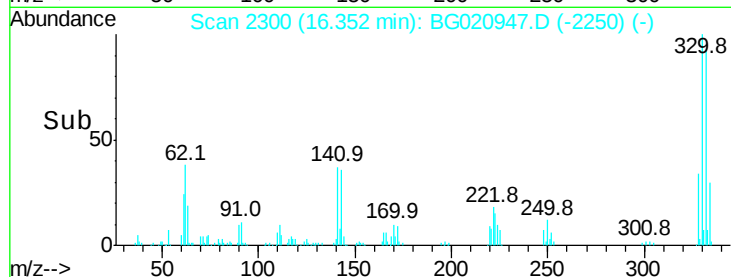
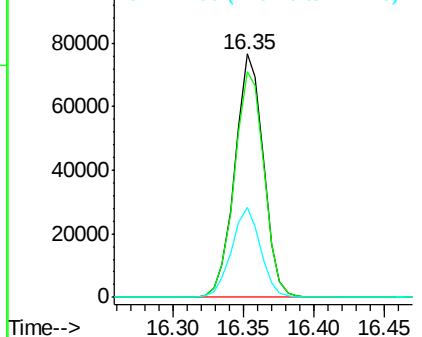
#41
 2,4,6-Tribromophenol
 Concen: 175.86 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	37.2	32.0	48.0

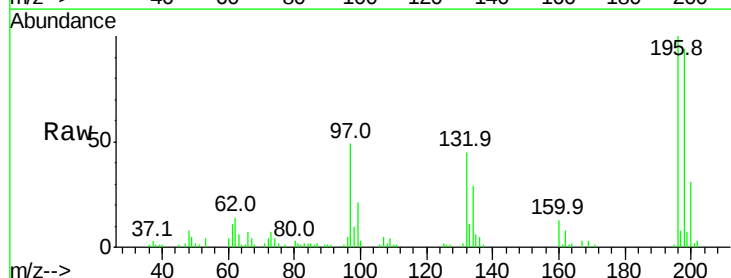


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

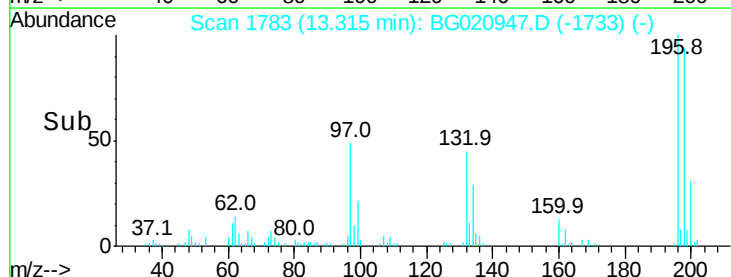
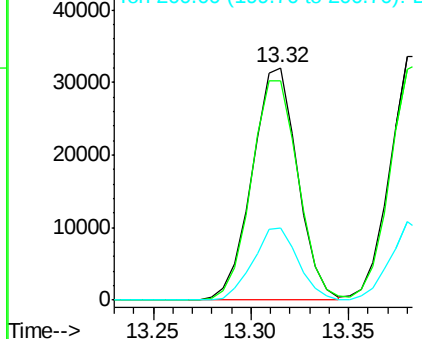


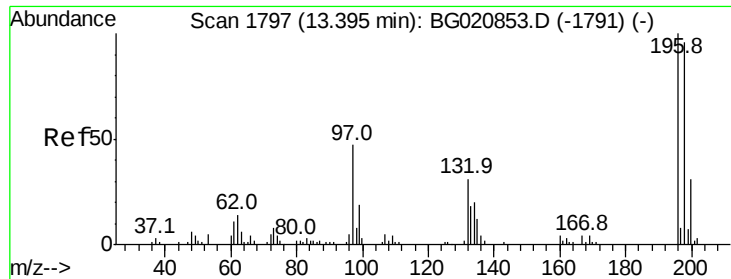
#42
 2,4,6-Trichlorophenol
 Concen: 41.92 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.1	115.7
200	31.1	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

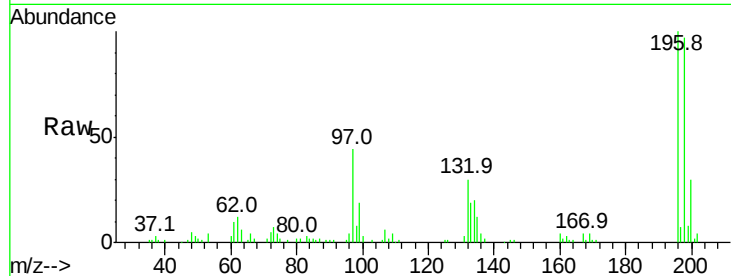




#43
2,4,5-Trichlorophenol
Concen: 43.43 ng
RT: 13.39 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.4	114.6
97	43.7	37.4	56.0
132	30.3	24.7	37.1



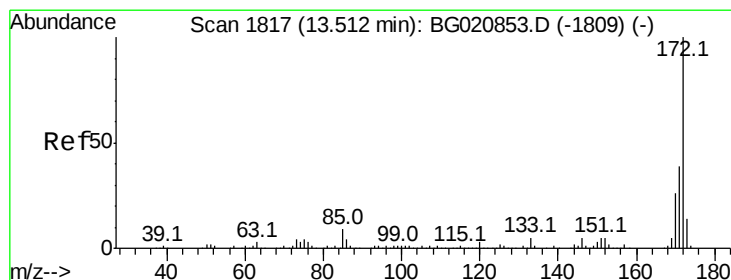
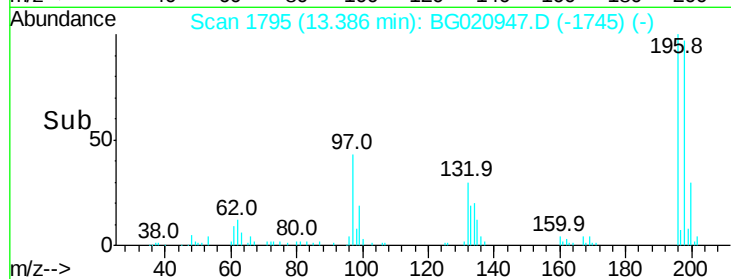
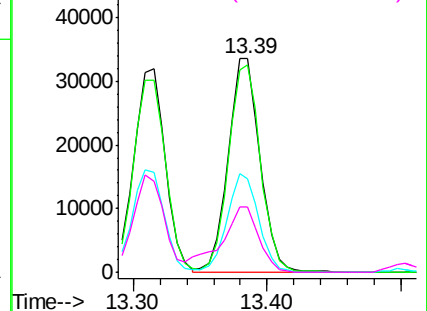
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

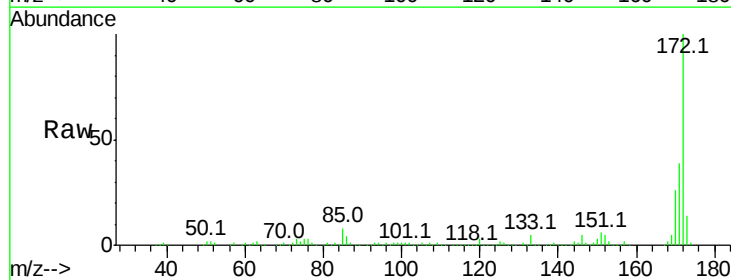
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 102.37 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.2	46.8
170	26.0	20.6	30.8

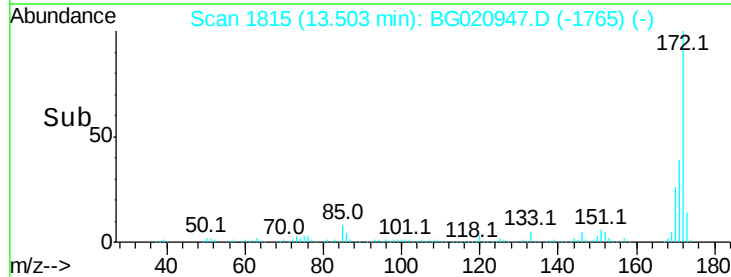
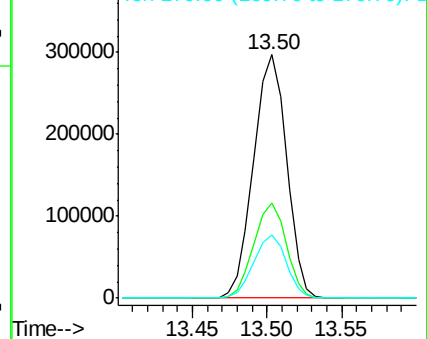


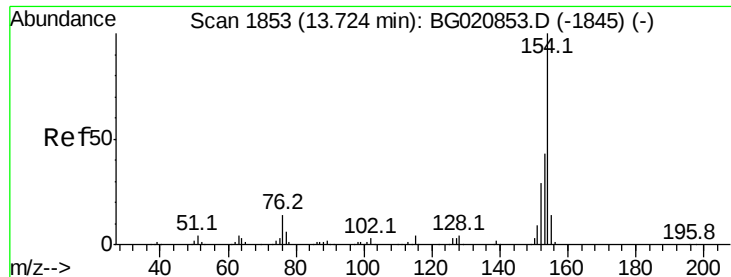
Abundance

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: 39.94 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

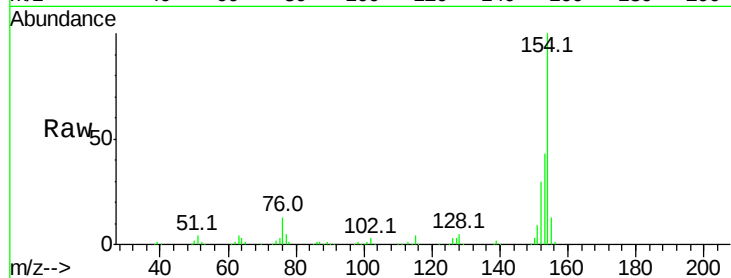
Tot Ion:154 Resp: 220056

Ion Ratio Lower Upper

154 100

153 42.9 22.5 62.5

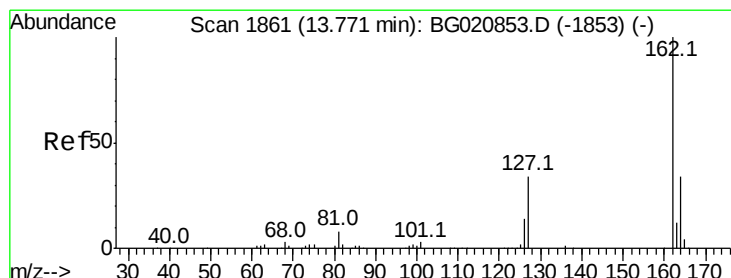
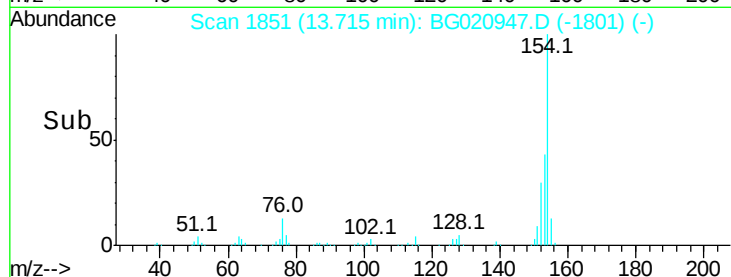
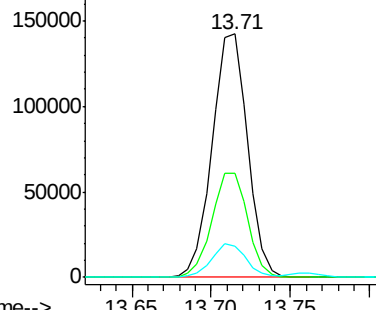
76 12.7 0.0 33.8



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: 41.74 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

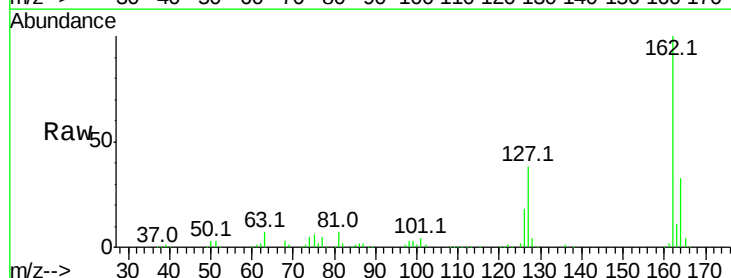
Tgt Ion:162 Resp: 164638

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

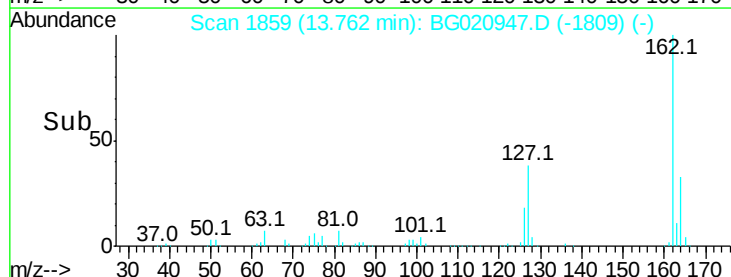
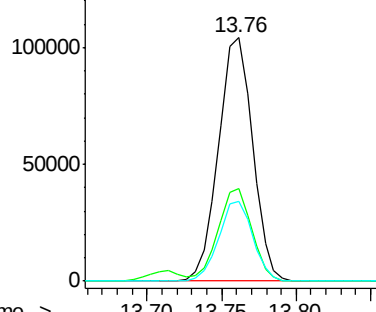
164 32.8 26.8 40.2

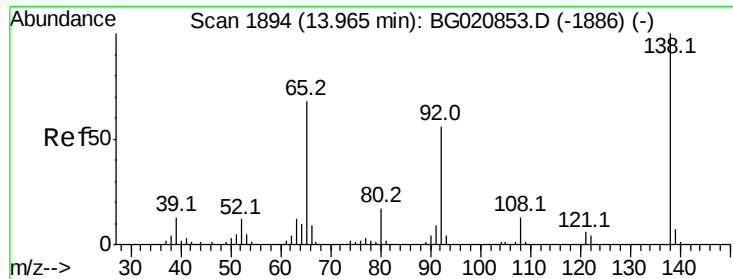


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

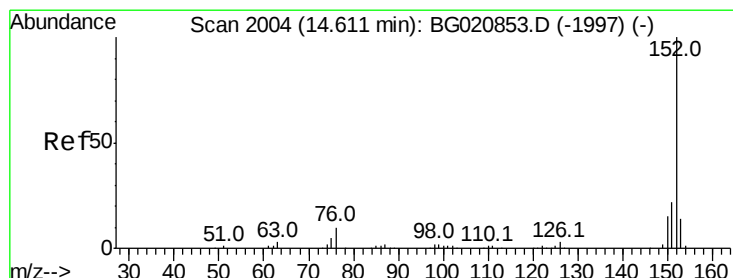
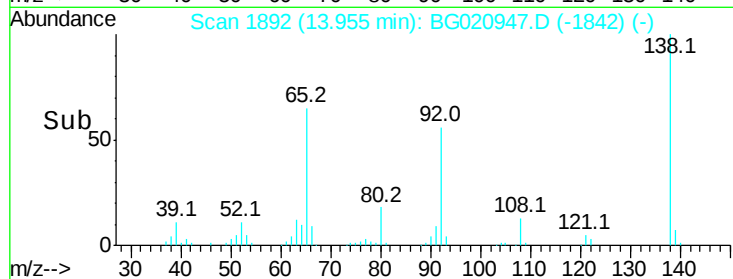
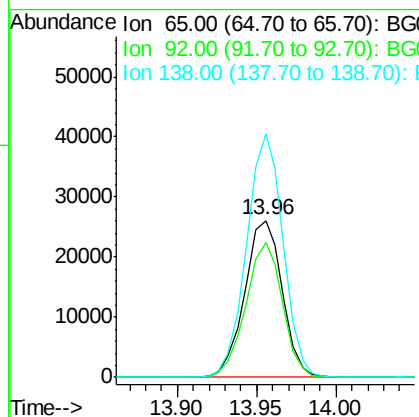
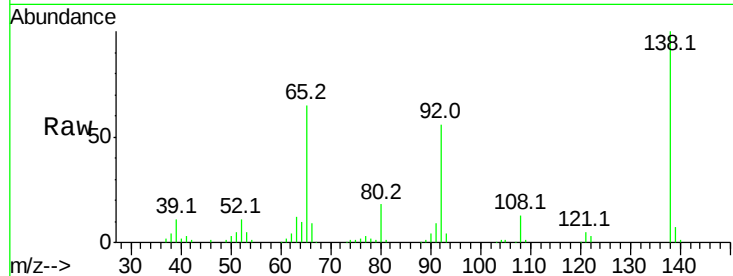




#47
2-Nitroaniline
Concen: 45.39 ng
RT: 13.96 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

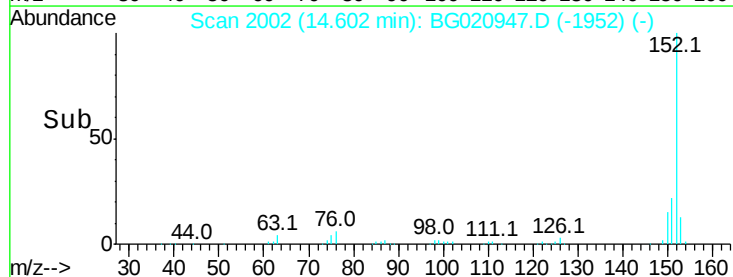
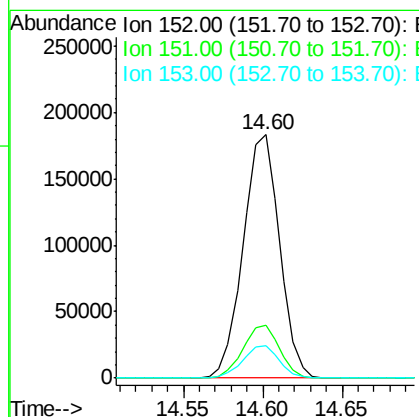
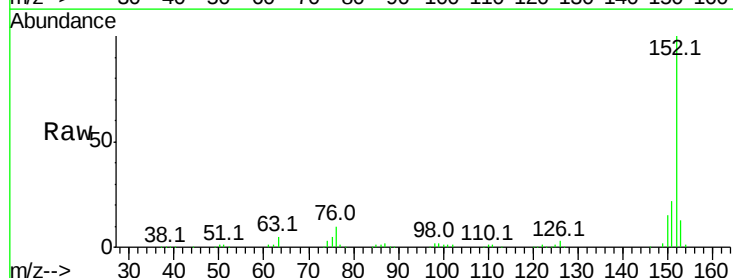
Instrument :
BNA_G
ClientSampled :

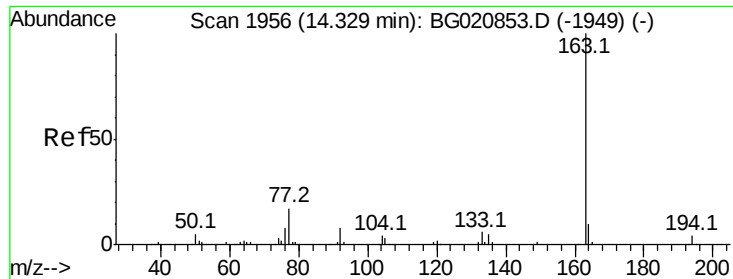
Tot Ion: 65 Resp: 42879
Ion Ratio Lower Upper
65 100
92 86.0 65.8 98.8
138 154.9 117.1 175.7



#48
Acenaphthylene
Concen: 42.60 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion: 152 Resp: 292154
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 48.49 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

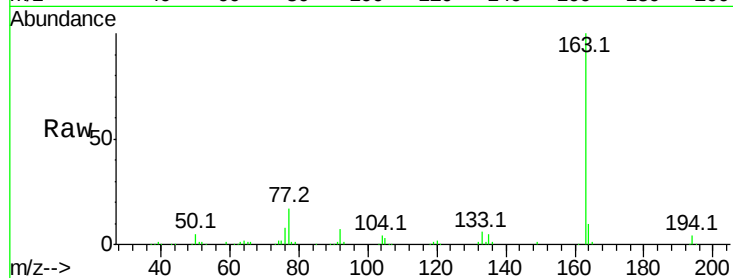
Tot Ion:163 Resp: 236793

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

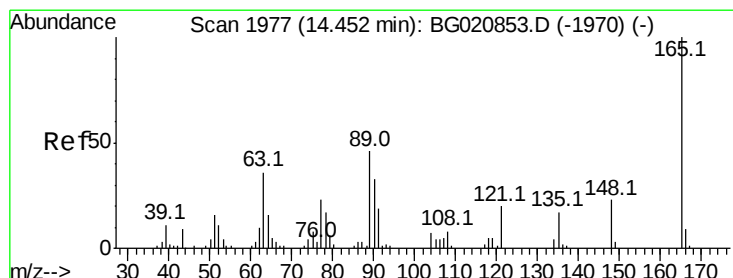
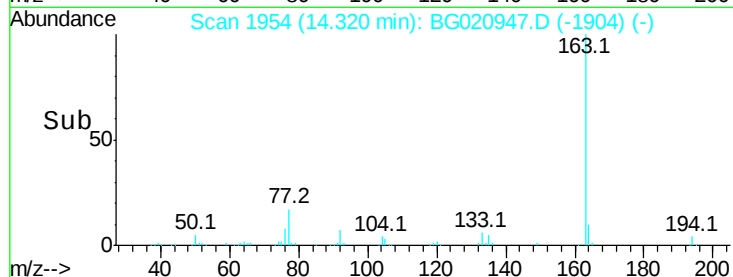
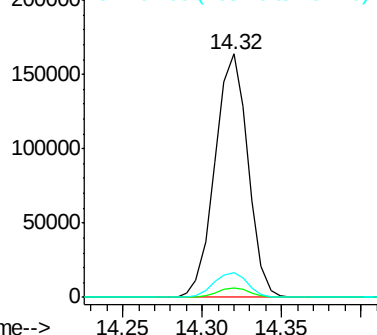
164 10.3 8.3 12.5



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: 47.12 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

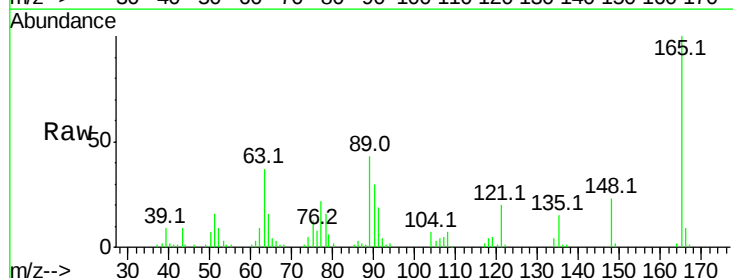
Tgt Ion:165 Resp: 49313

Ion Ratio Lower Upper

165 100

63 36.9 30.3 45.5

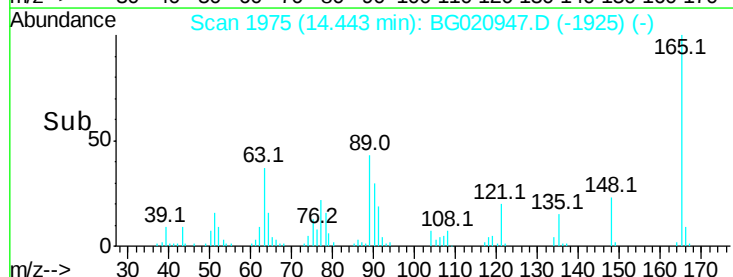
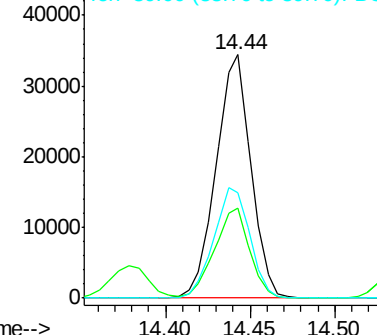
89 43.3 36.9 55.3

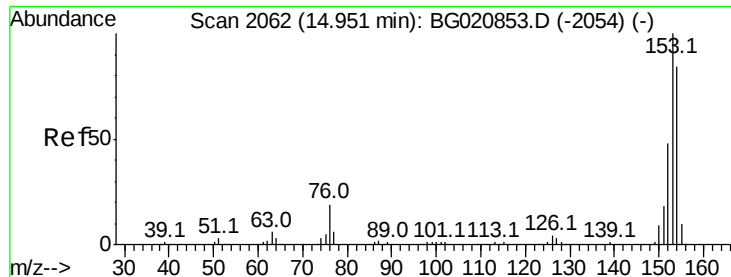


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.67 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

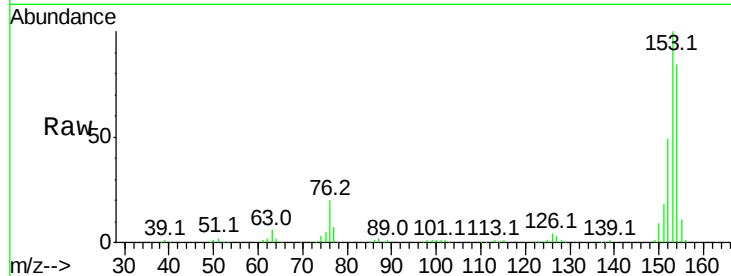
Tot Ion:154 Resp: 194092

Ion Ratio Lower Upper

154 100

153 118.9 95.4 143.0

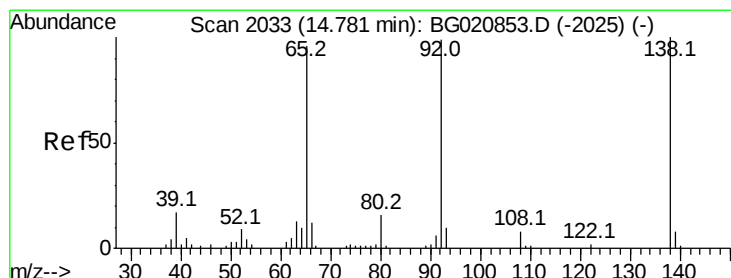
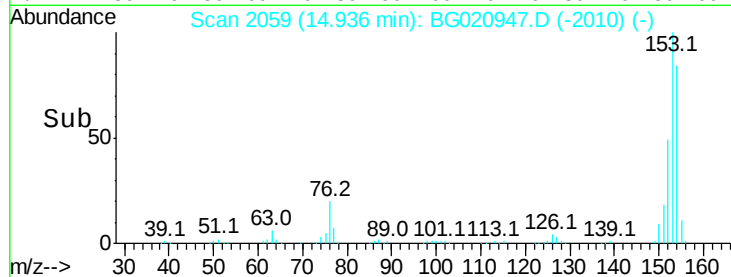
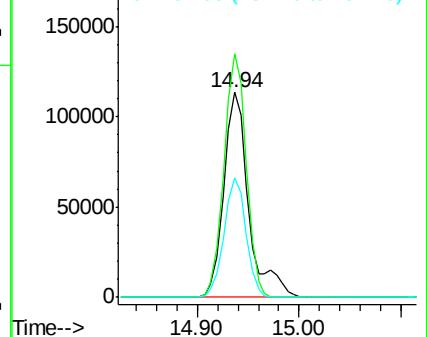
152 58.3 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.49 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

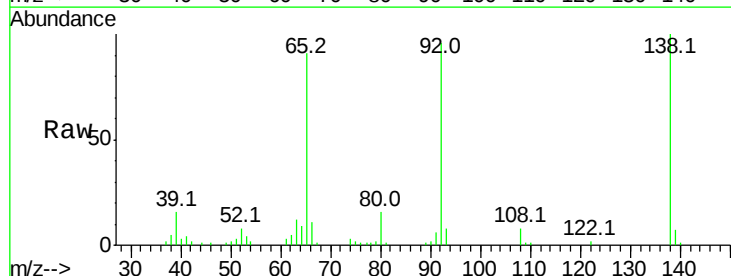
Tgt Ion:138 Resp: 45585

Ion Ratio Lower Upper

138 100

108 8.0 6.2 9.2

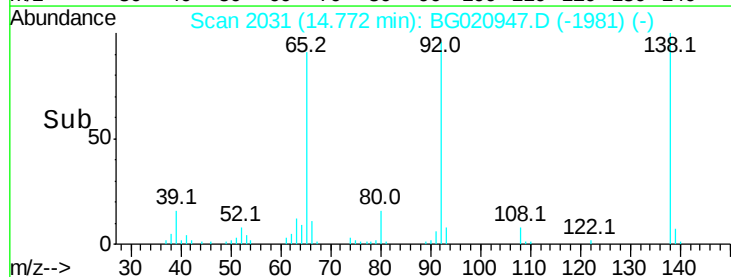
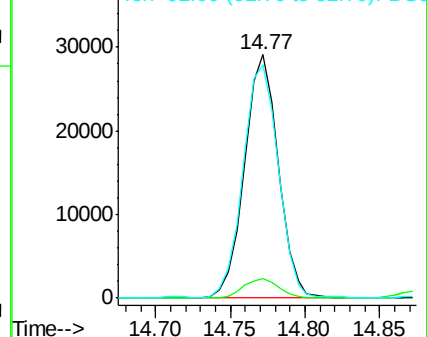
92 95.6 79.5 119.3

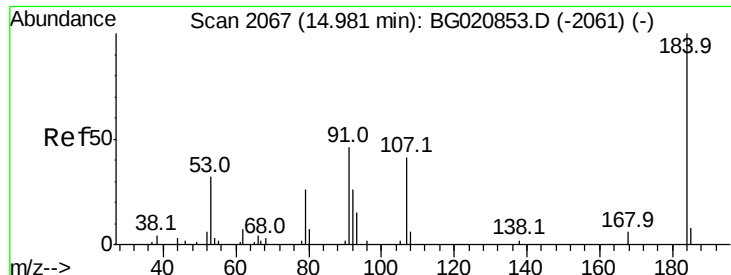


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

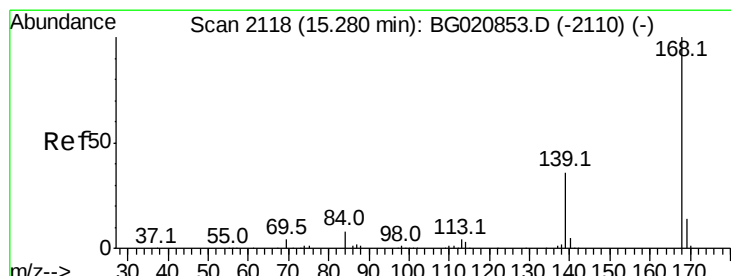
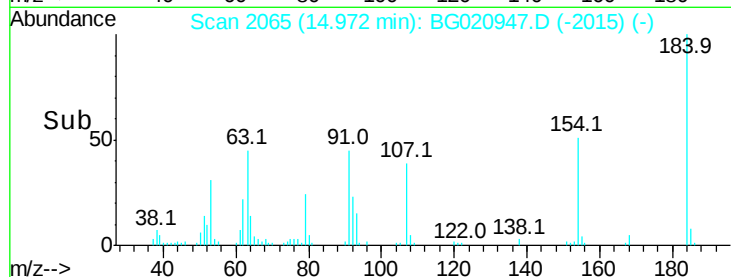
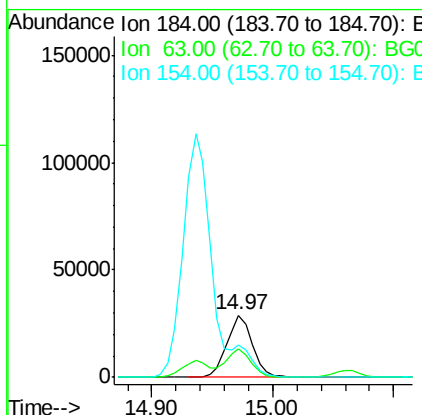
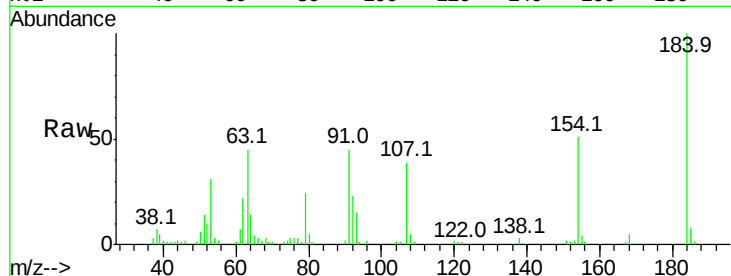




#53
 2,4-Dinitrophenol
 Concen: 94.99 ng
 RT: 14.97 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

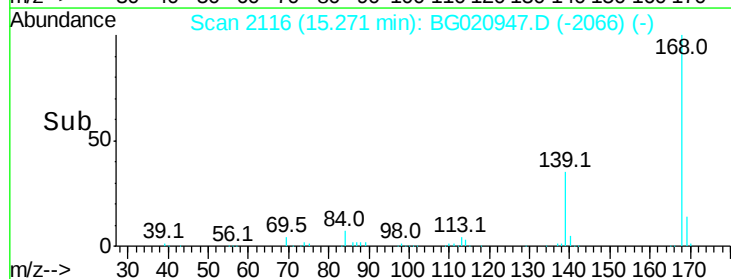
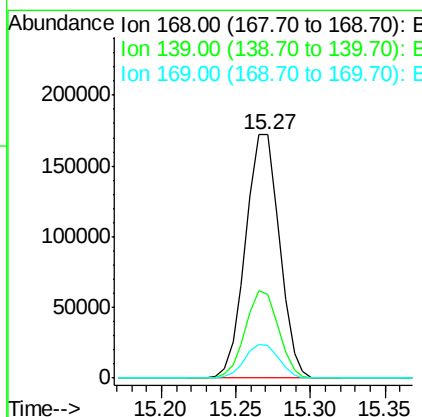
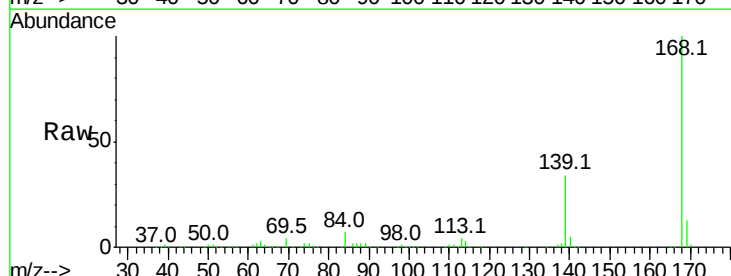
Instrument :
 BNA_G
 ClientSampleId :

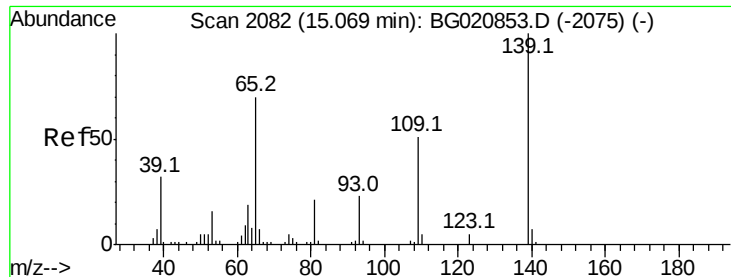
Tot Ion:184 Resp: 42938
 Ion Ratio Lower Upper
 184 100
 63 45.4 39.8 59.6
 154 51.0 48.1 72.1



#54
 Dibenzofuran
 Concen: 49.18 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:168 Resp: 270530
 Ion Ratio Lower Upper
 168 100
 139 34.3 28.5 42.7
 169 13.5 11.0 16.4

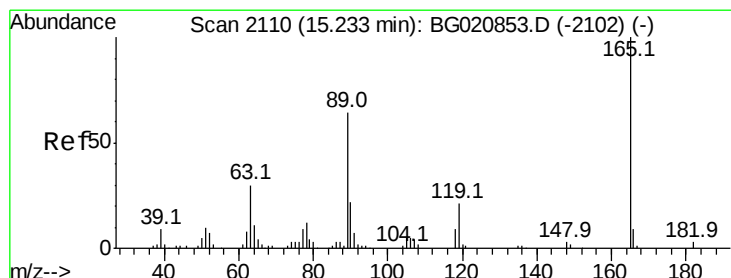
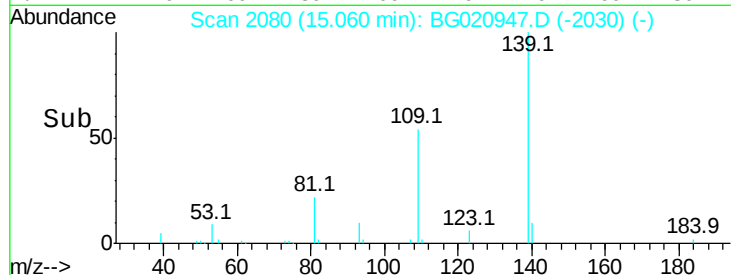
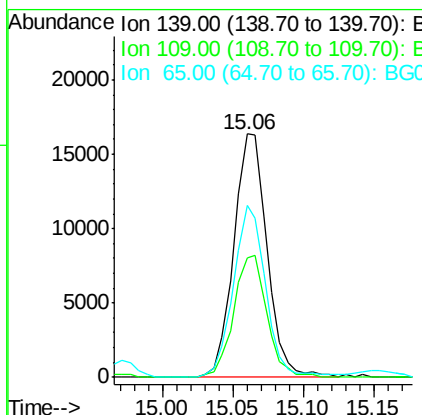
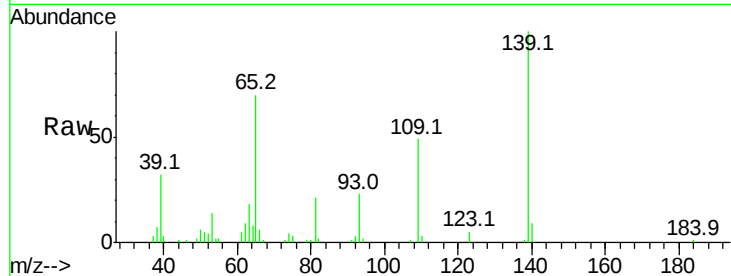




#55
4-Nitrophenol
Concen: 29.30 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

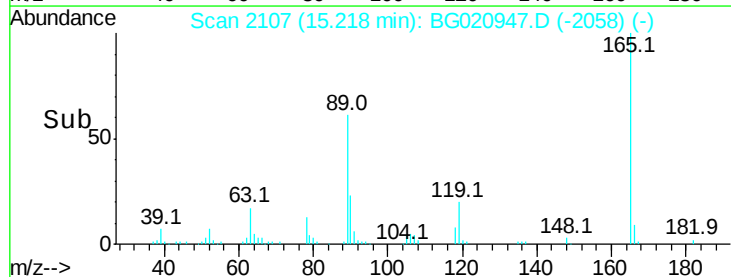
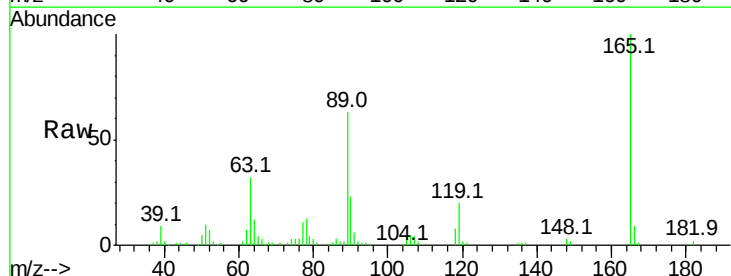
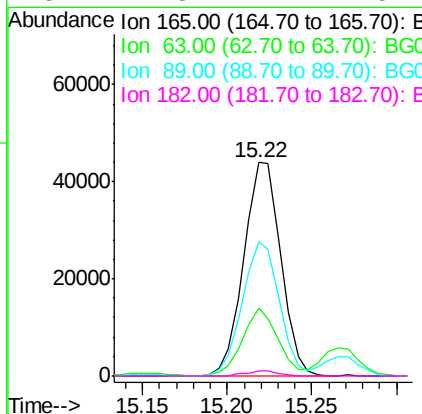
Instrument :
BNA_G
ClientSampleId :

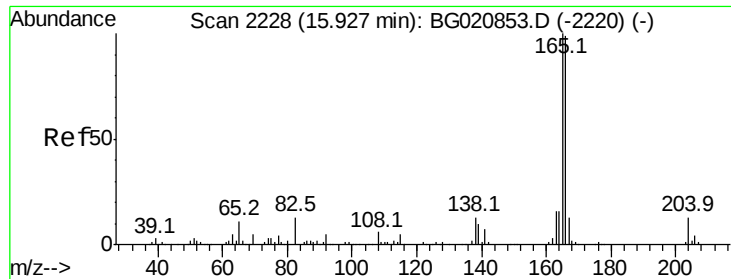
Tot Ion:139 Resp: 26911
Ion Ratio Lower Upper
139 100
109 49.2 31.0 71.0
65 70.4 49.6 89.6



#56
2,4-Dinitrotoluene
Concen: 49.67 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:165 Resp: 67191
Ion Ratio Lower Upper
165 100
63 31.6 23.7 35.5
89 62.7 50.9 76.3
182 2.3 2.2 3.2





#57

Fluorene

Concen: 45.73 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

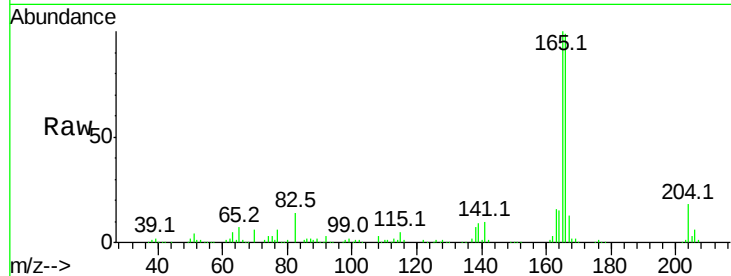
Tot Ion:166 Resp: 231640

Ion Ratio Lower Upper

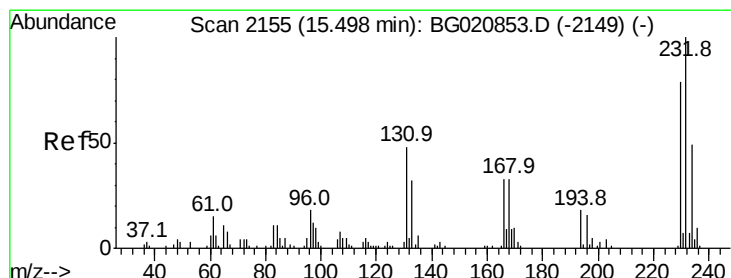
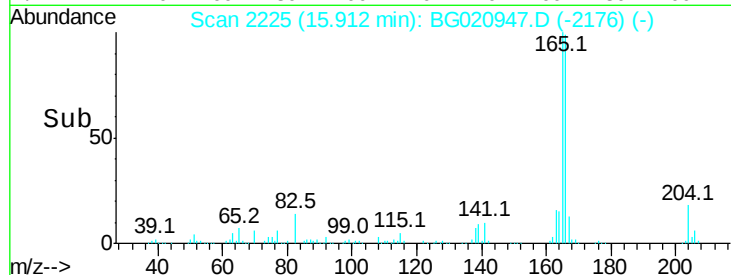
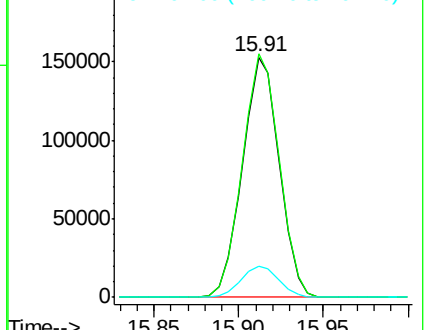
166 100

165 101.4 81.0 121.4

167 13.1 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: 49.25 ng

RT: 15.49 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Tgt Ion:232 Resp: 48560

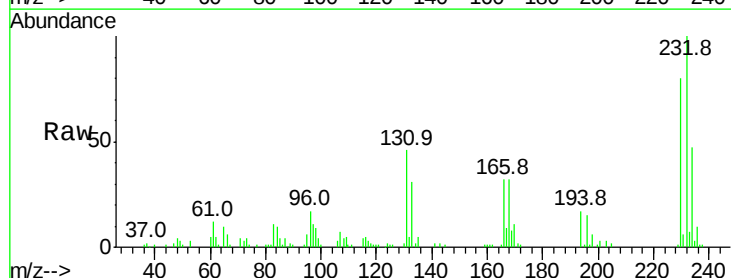
Ion Ratio Lower Upper

232 100

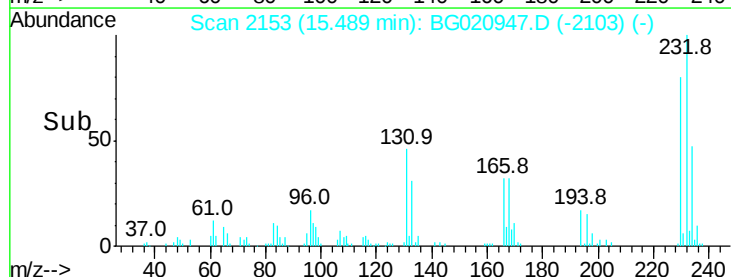
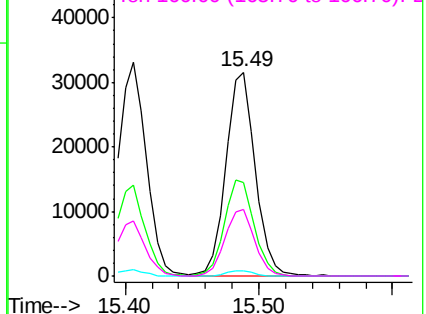
131 47.7 39.2 58.8

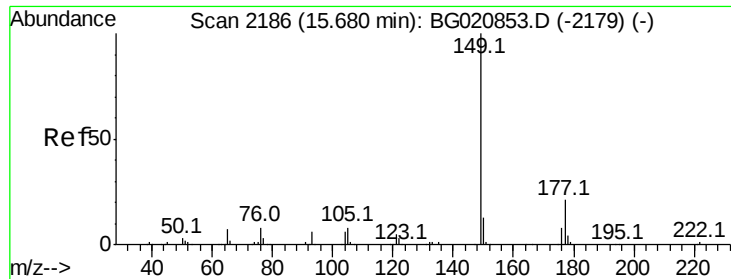
130 2.2 2.0 3.0

166 32.9 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

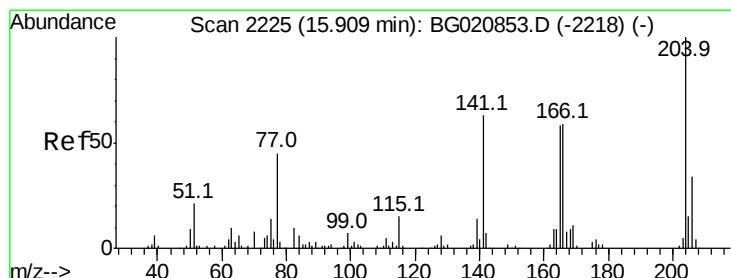
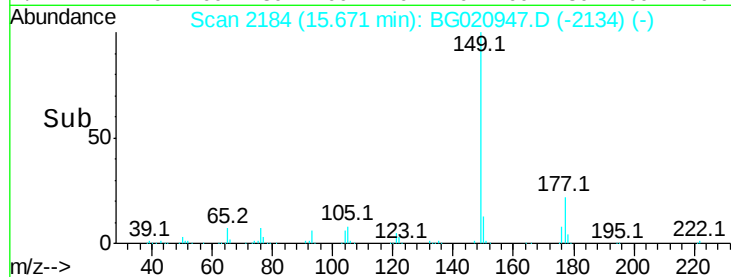
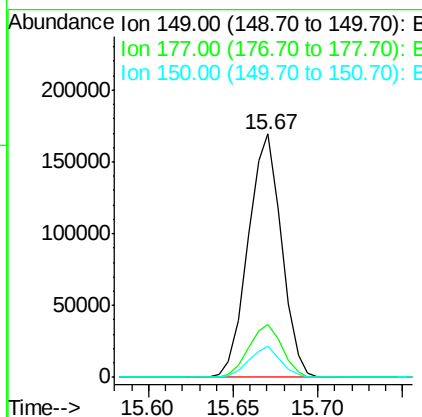
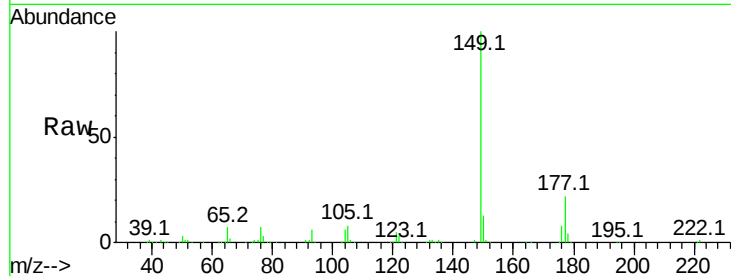




#59
 Diethylphthalate
 Concen: 46.32 ng
 RT: 15.67 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

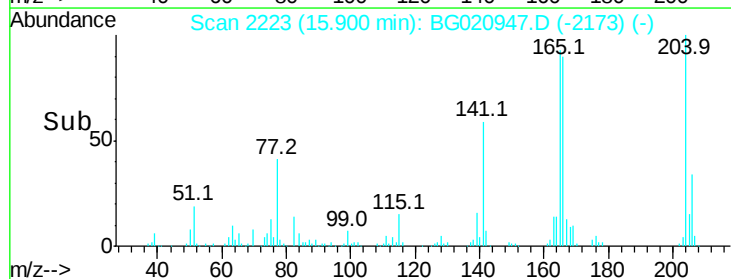
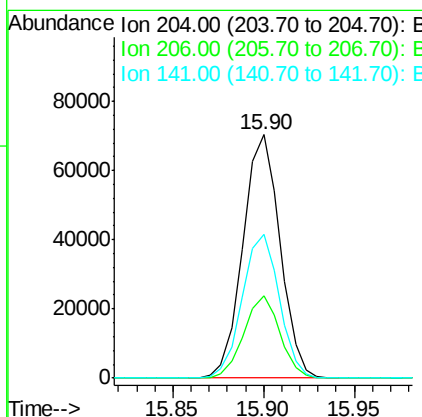
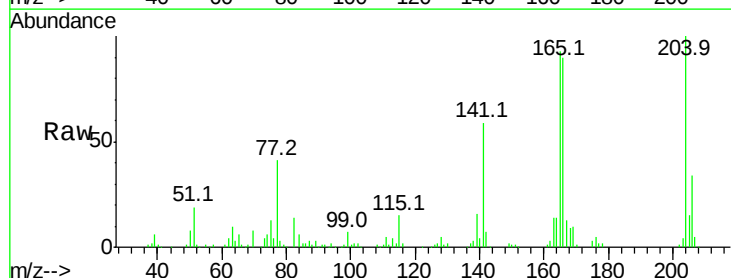
Instrument :
 BNA_G
 ClientSampled :

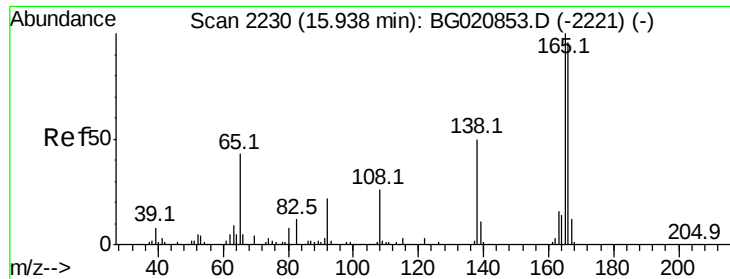
Tot Ion:	149	Resp:	232549
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.9	25.3
150	12.6	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 44.57 ng
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	204	Resp:	100272
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	59.1	50.3	75.5

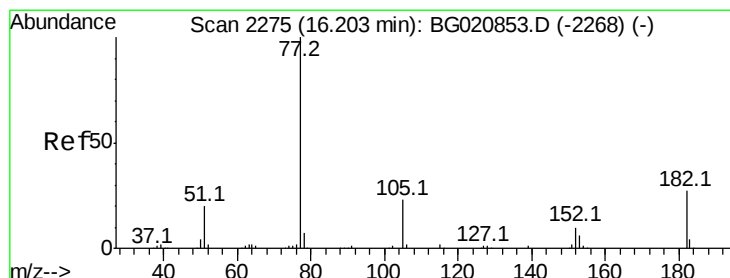
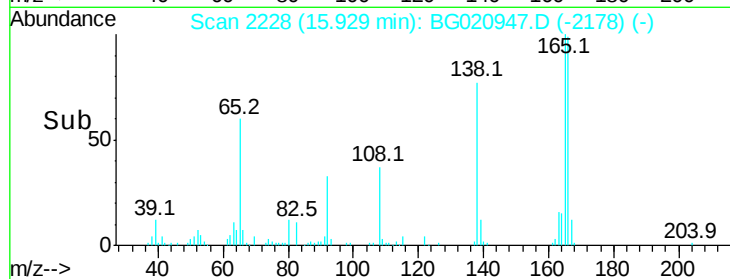
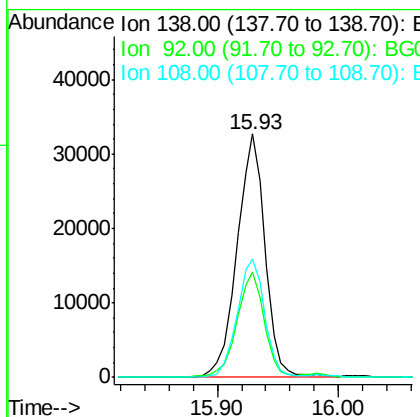
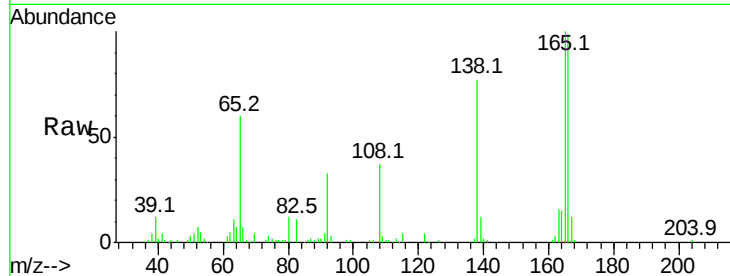




#61
4-Nitroaniline
Concen: 43.05 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

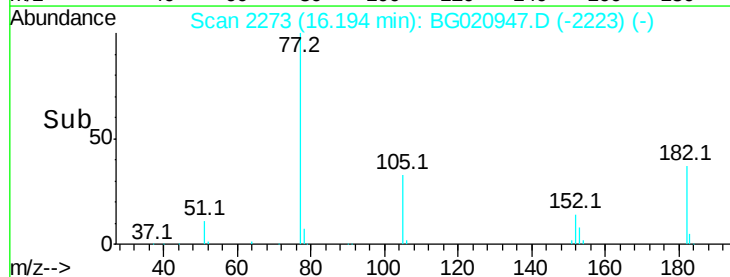
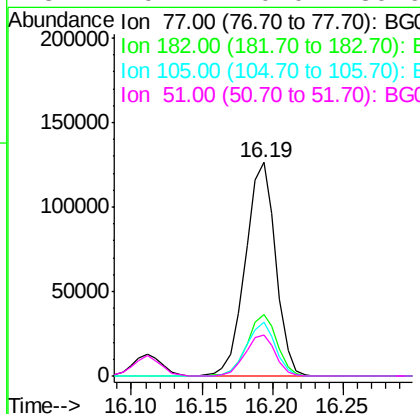
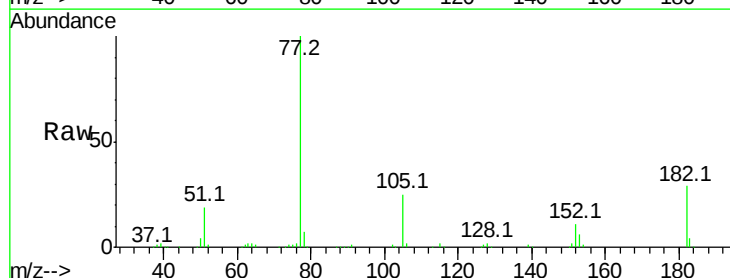
Instrument :
BNA_G
ClientSampled :

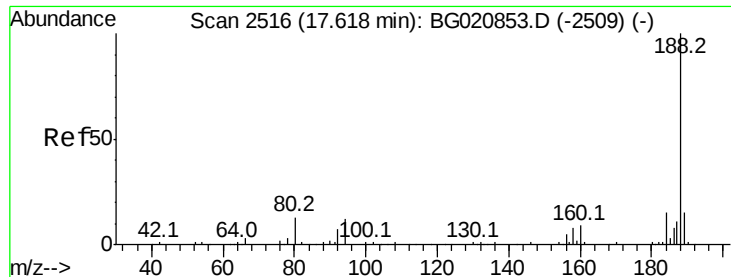
Tot Ion:138 Resp: 52550
Ion Ratio Lower Upper
138 100
92 43.4 24.1 64.1
108 48.5 32.4 72.4



#62
Azobenzene
Concen: 48.09 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion: 77 Resp: 189840
Ion Ratio Lower Upper
77 100
182 28.7 6.8 46.8
105 25.2 3.4 43.4
51 19.2 0.0 39.9

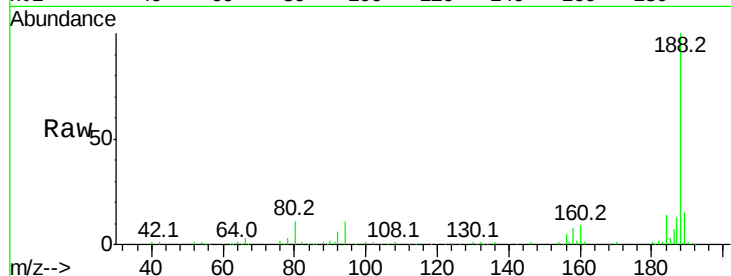




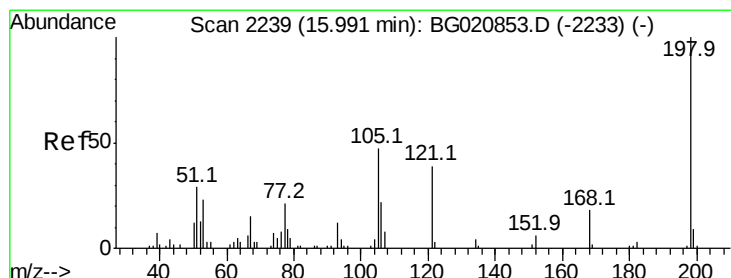
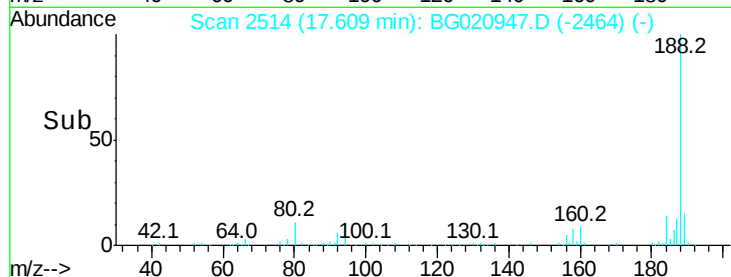
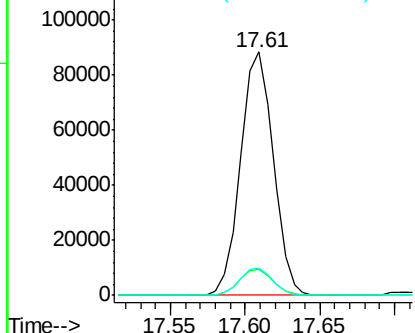
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 134324
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 11.3 10.2 15.4

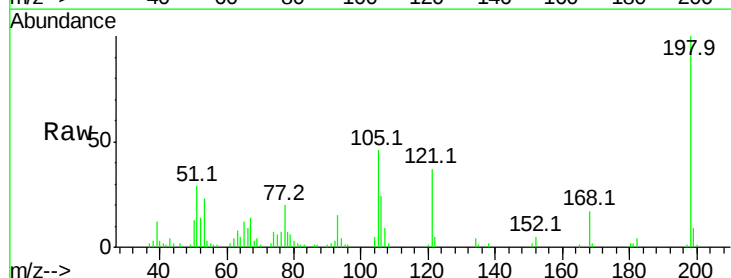


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

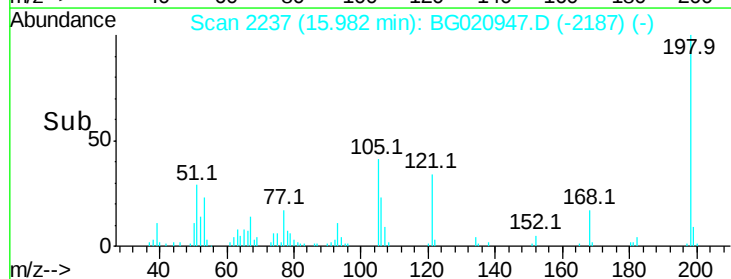
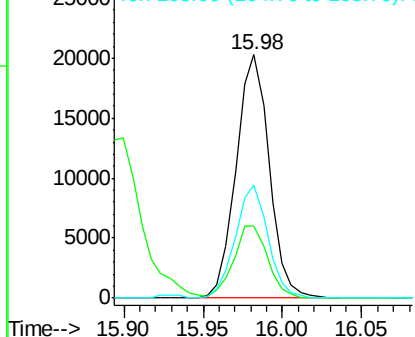


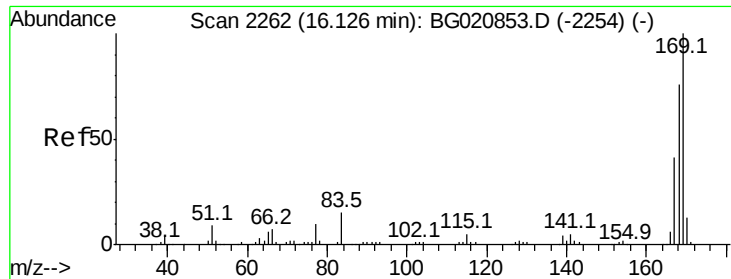
#64
4,6-Dinitro-2-methylphenol
Concen: 43.53 ng
RT: 15.98 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:198 Resp: 29320
Ion Ratio Lower Upper
198 100
51 29.4 10.6 50.6
105 46.3 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

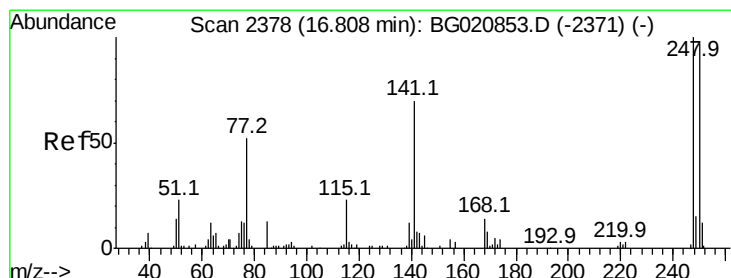
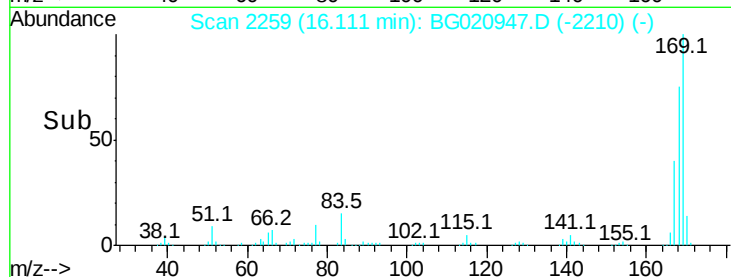
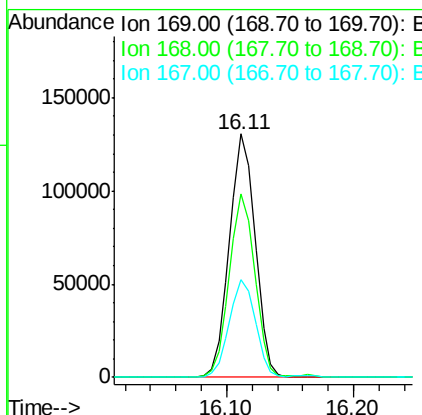
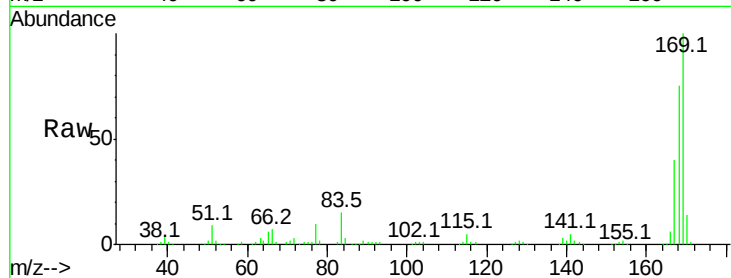




#65
 n-Nitrosodiphenylamine
 Concen: 42.23 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

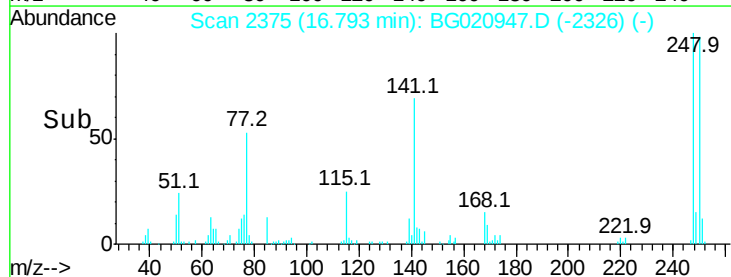
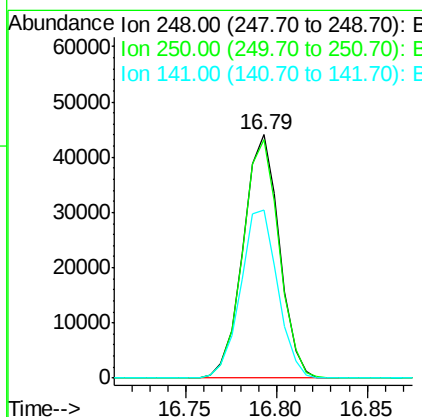
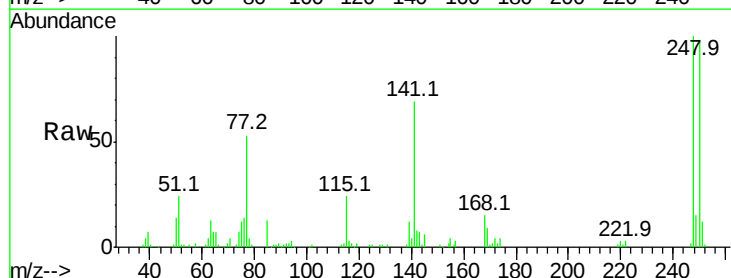
Instrument :
 BNA_G
 ClientSampleId :

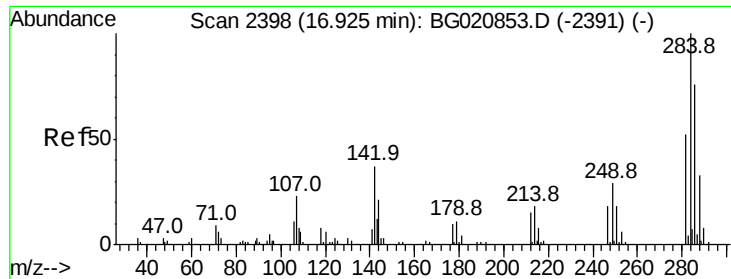
Tot Ion:169 Resp: 183259
 Ion Ratio Lower Upper
 169 100
 168 75.4 60.7 91.1
 167 40.3 32.8 49.2



#66
 4-Bromophenyl-phenylether
 Concen: 42.87 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:248 Resp: 60817
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.4 116.2
 141 68.8 55.7 83.5





#67

Hexachlorobenzene

Concen: 43.87 ng

RT: 16.91 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

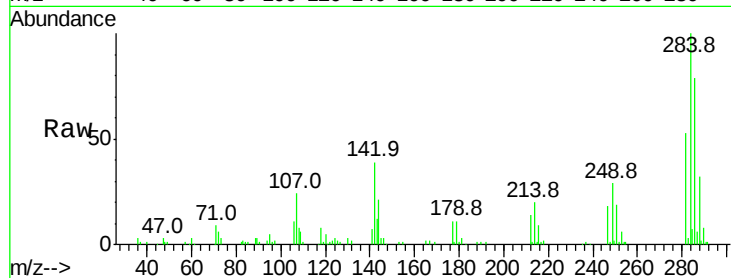
Tot Ion:284 Resp: 66226

Ion Ratio Lower Upper

284 100

142 38.5 29.9 44.9

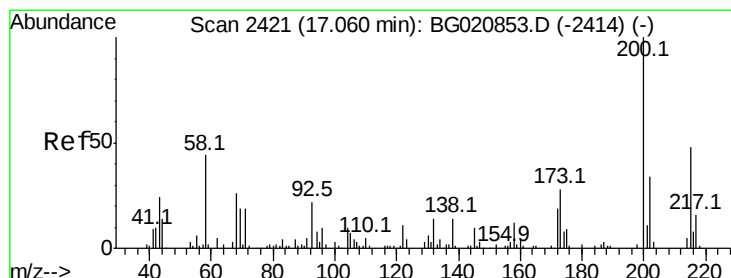
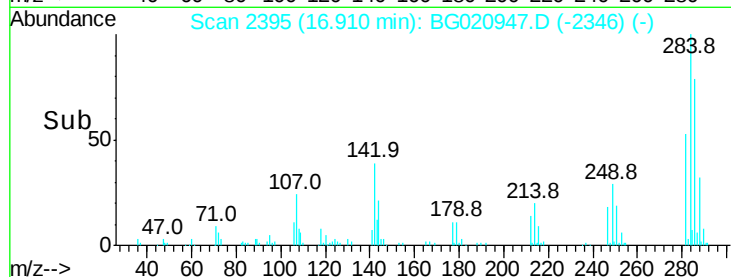
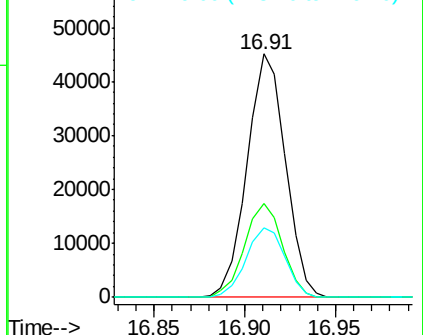
249 28.8 23.3 34.9



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: 45.18 ng

RT: 17.05 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

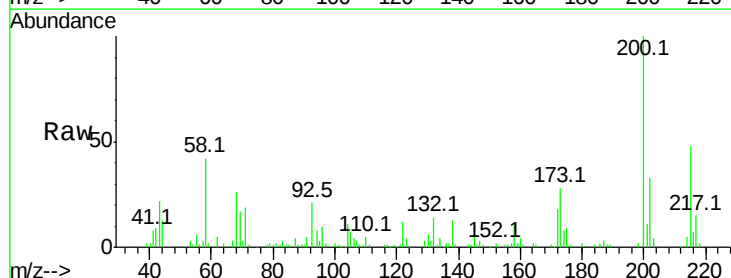
Tgt Ion:200 Resp: 59502

Ion Ratio Lower Upper

200 100

173 28.3 8.4 48.4

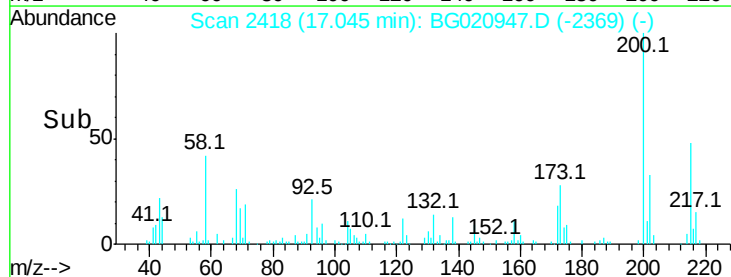
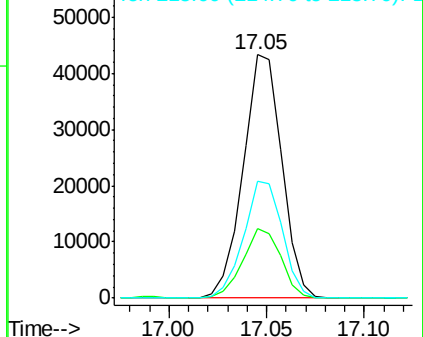
215 47.8 28.2 68.2

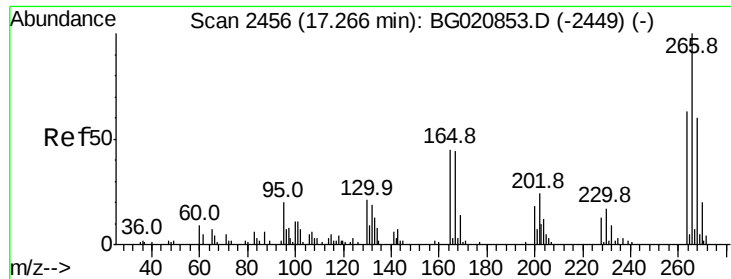


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

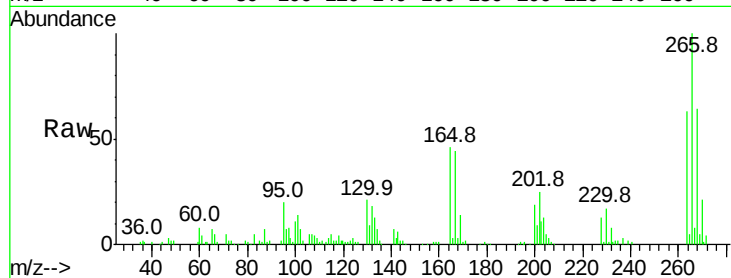




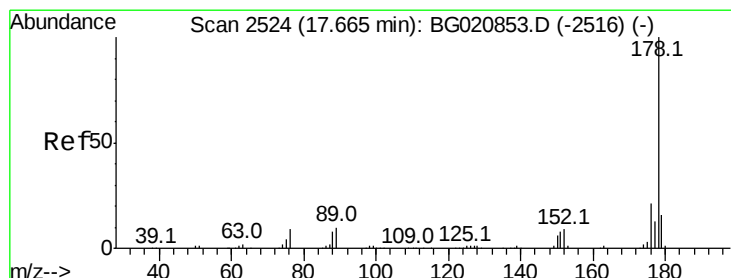
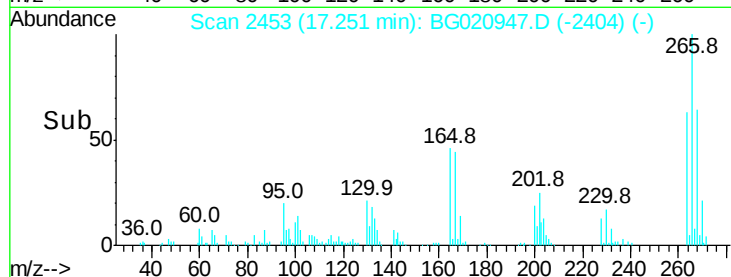
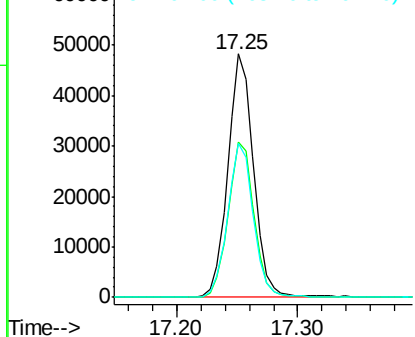
#69
 Pentachlorophenol
 Concen: 82.32 ng
 RT: 17.25 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	47.8	71.6
264	63.2	50.2	75.4

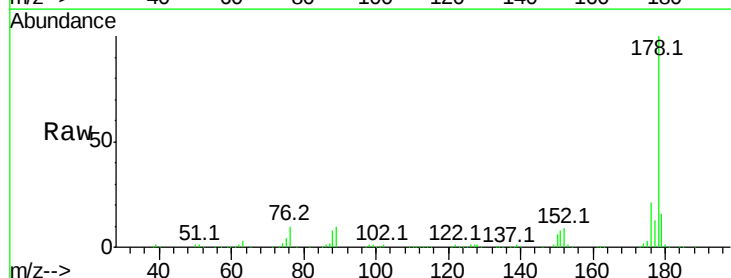


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

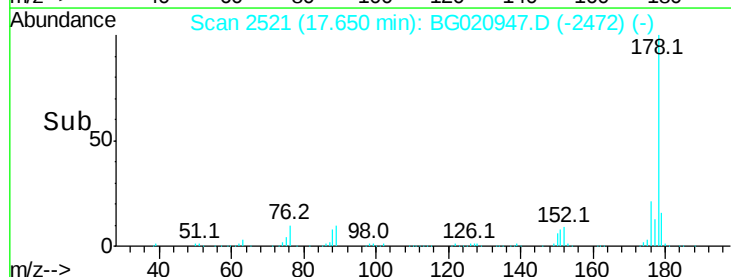
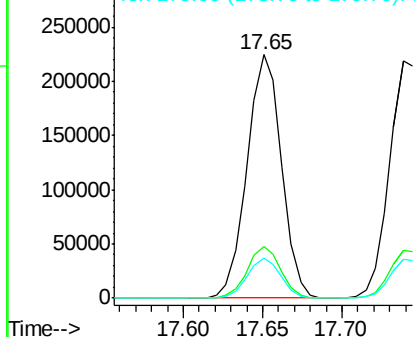


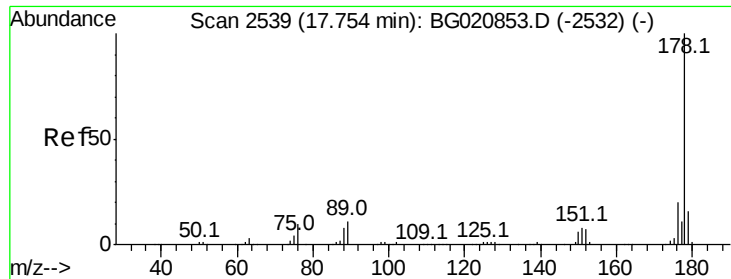
#70
 Phenanthrene
 Concen: 44.22 ng
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	16.5	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

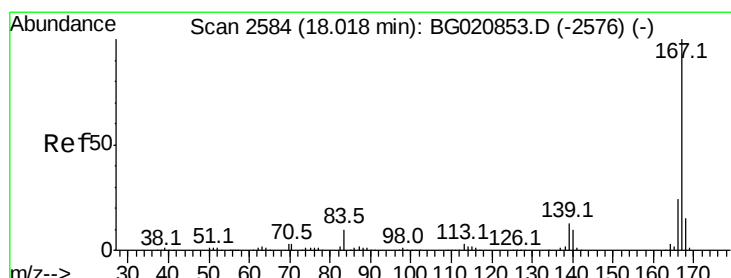
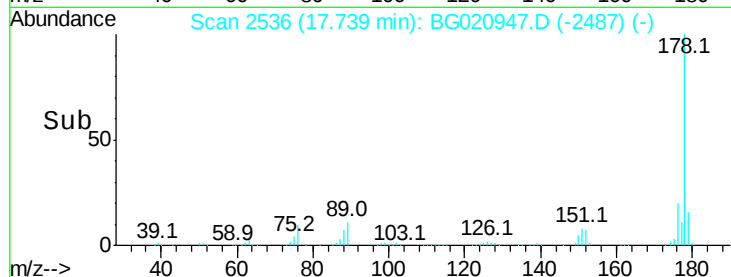
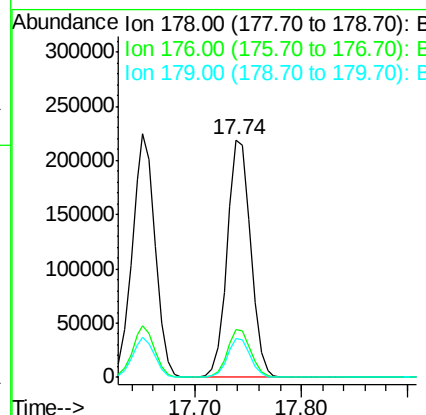
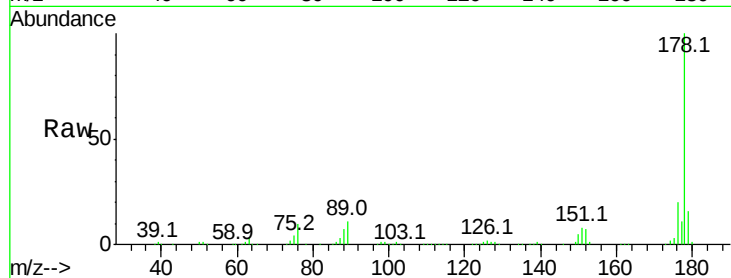




#71
 Anthracene
 Concen: 43.25 ng
 RT: 17.74 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

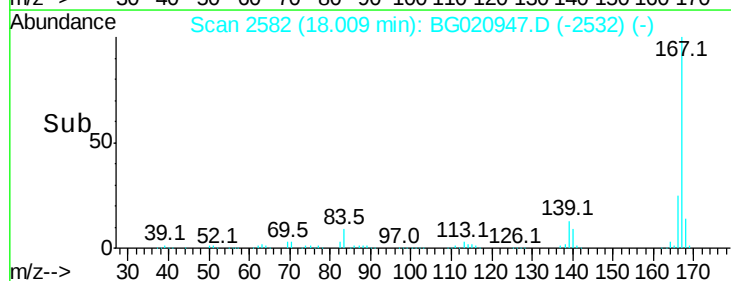
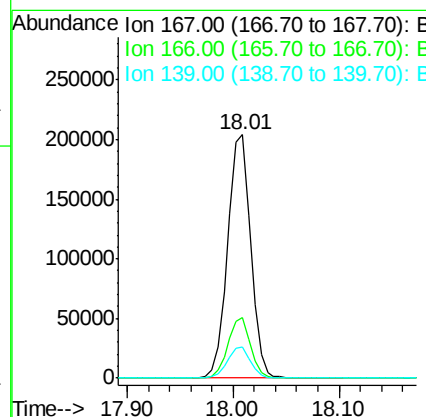
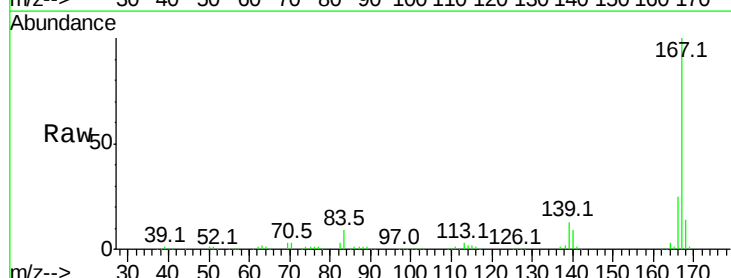
Instrument :
 BNA_G
 ClientSampleId :

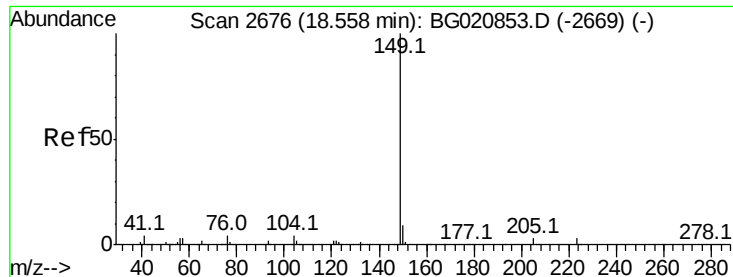
Tot Ion:178 Resp: 335659
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.4 12.7 19.1



#72
 Carbazole
 Concen: 44.29 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:167 Resp: 308532
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.3 28.9
 139 12.9 10.2 15.4

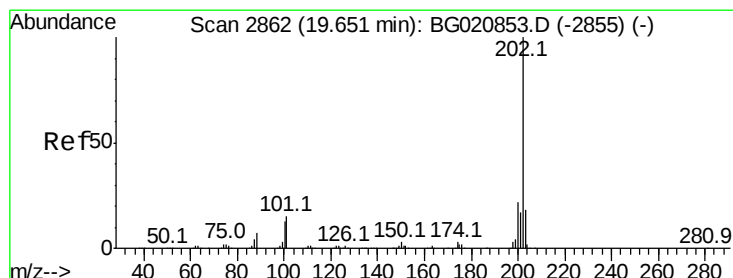
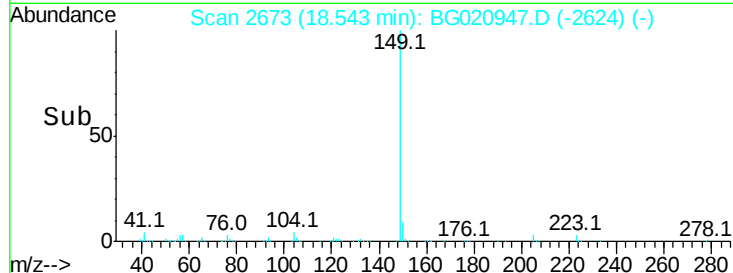
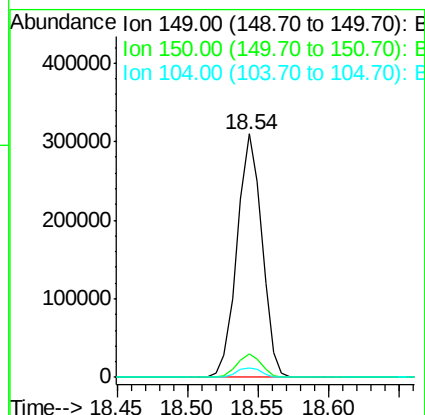
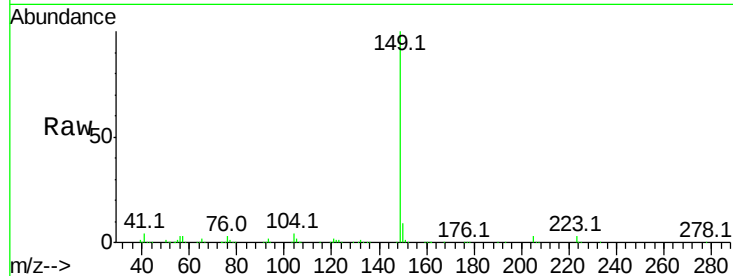




#73
Di-n-butylphthalate
Concen: 42.63 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

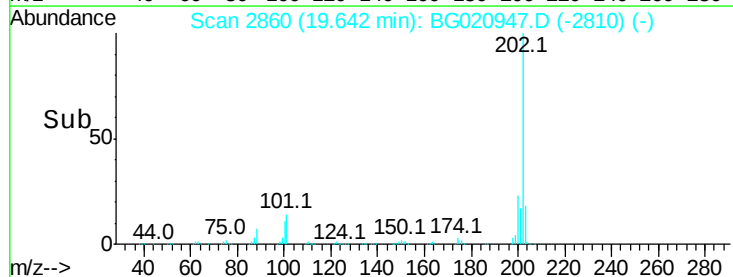
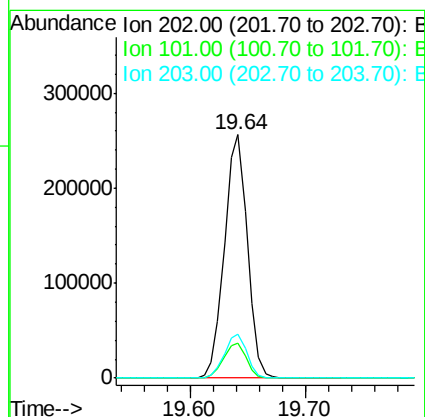
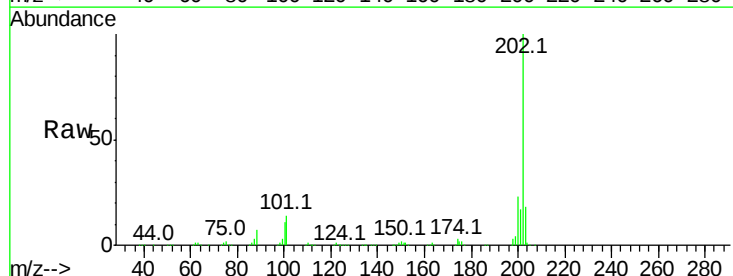
Instrument :
BNA_G
ClientSampleId :

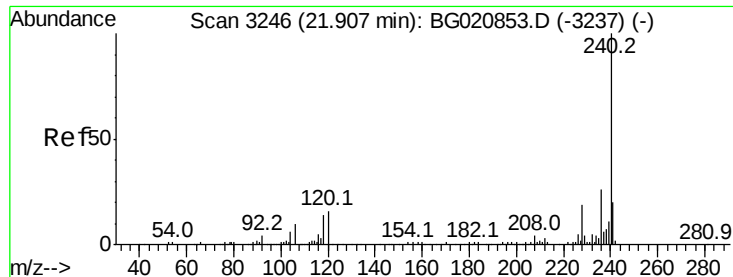
Tot Ion:149 Resp: 380788
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.0 3.4 5.0



#74
Fluoranthene
Concen: 42.65 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion:202 Resp: 352311
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 18.1 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

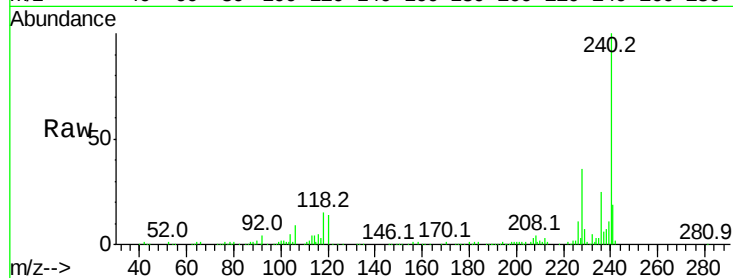
Tot Ion:240 Resp: 122049

Ion Ratio Lower Upper

240 100

120 14.5 13.0 19.4

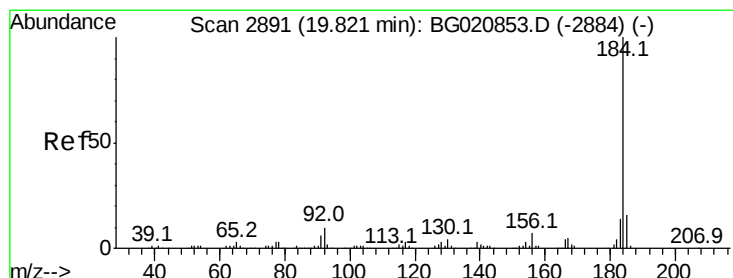
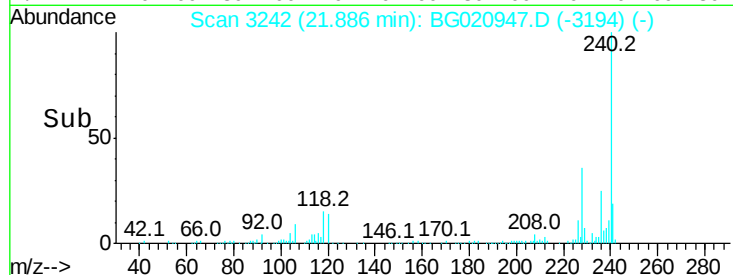
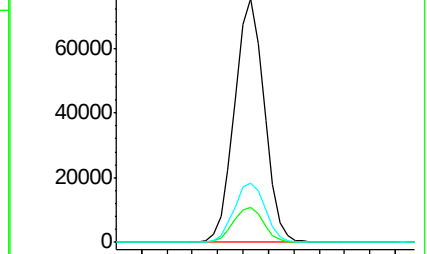
236 24.6 21.0 31.4



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: 11.47 ng

RT: 19.81 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

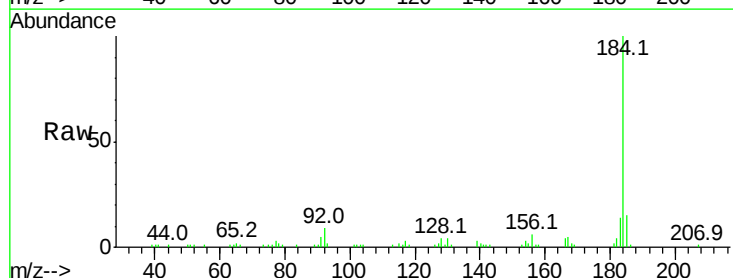
Tgt Ion:184 Resp: 45256

Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

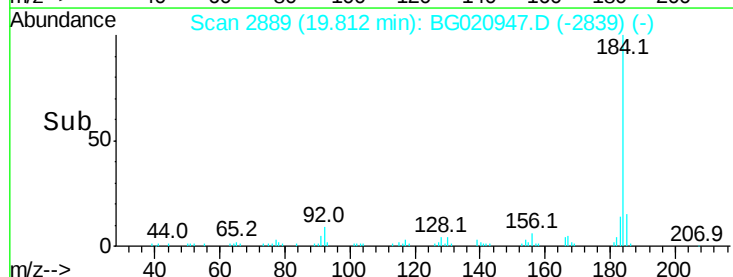
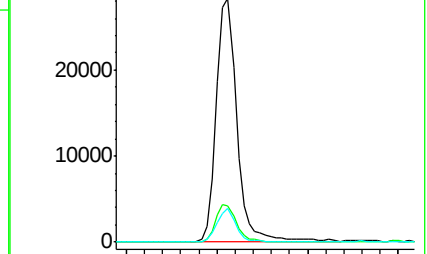
183 13.8 11.0 16.4

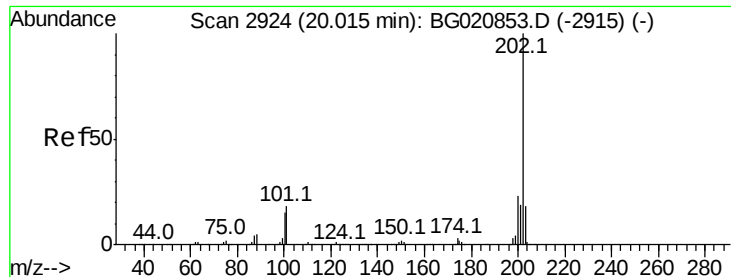


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.08 ng

RT: 20.00 min Scan# 2921

Delta R.T. -0.02 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

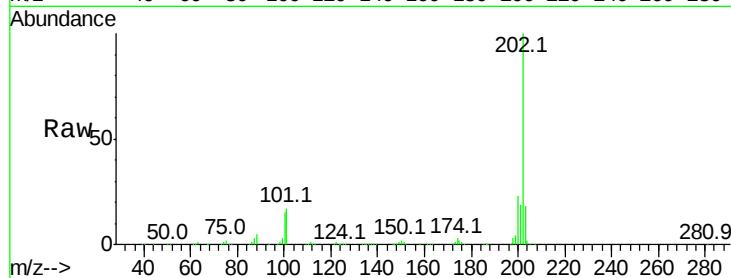
Tot Ion:202 Resp: 362892

Ion Ratio Lower Upper

202 100

200 22.5 18.5 27.7

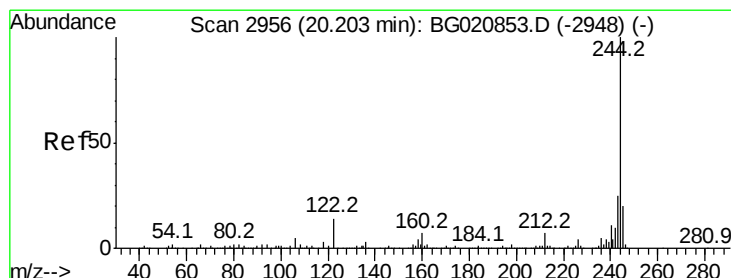
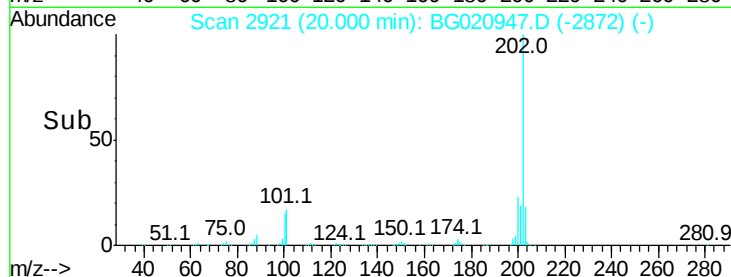
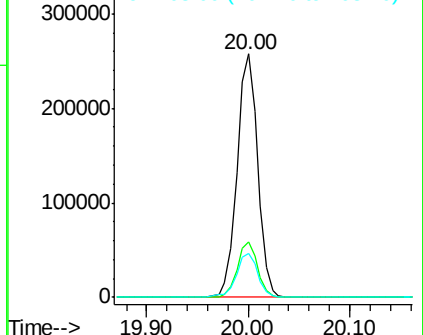
203 18.1 14.3 21.5



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: 102.67 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

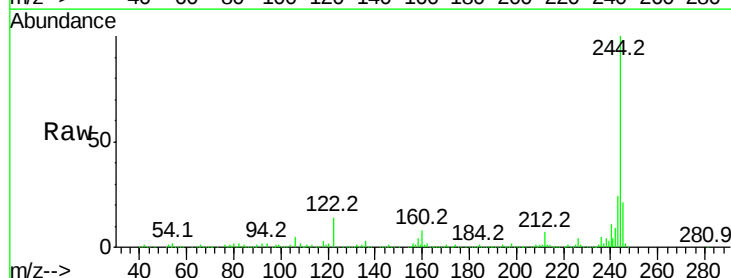
Tgt Ion:244 Resp: 537130

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

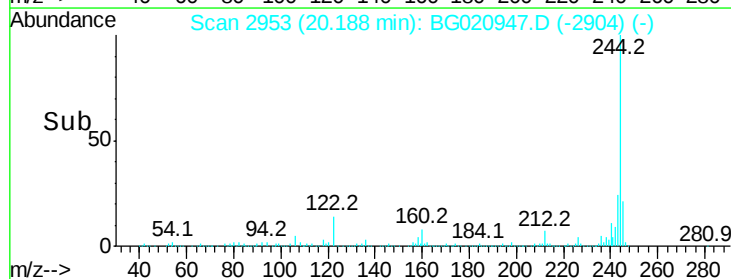
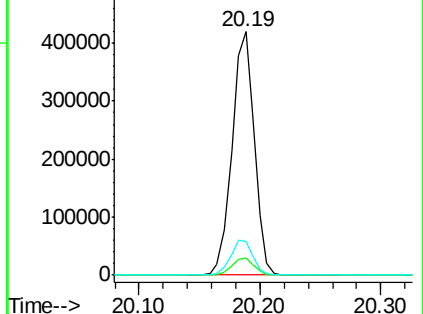
122 14.1 11.4 17.2

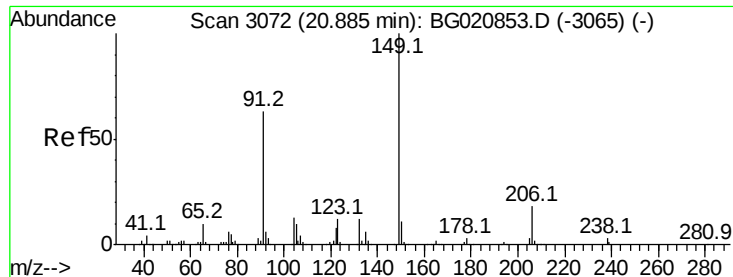


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

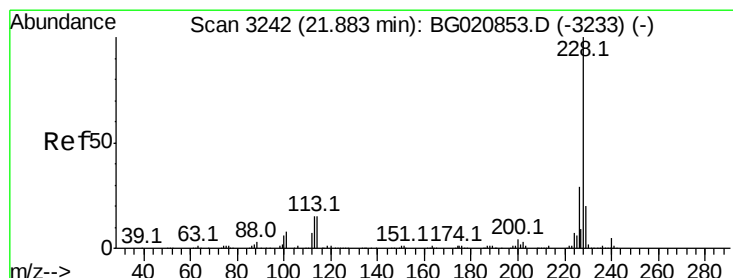
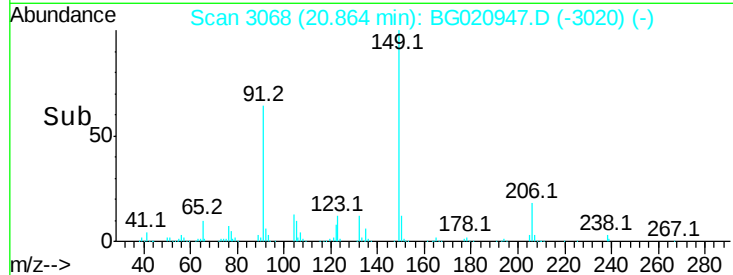
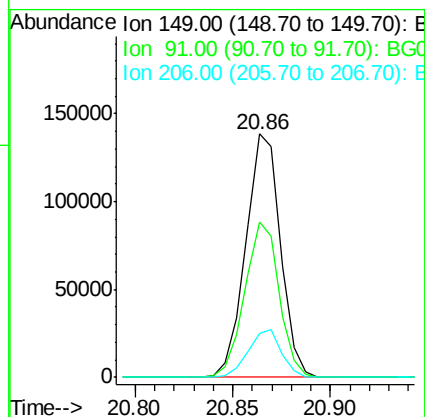
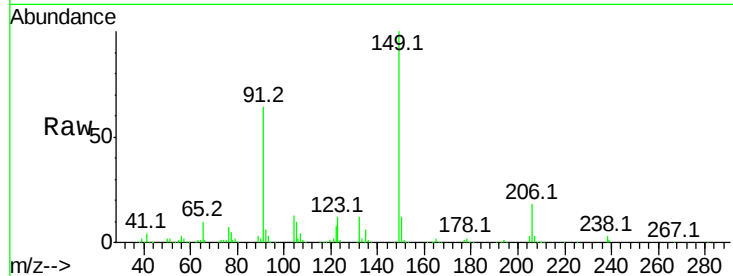




#79
Butylbenzylphthalate
Concen: 44.21 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

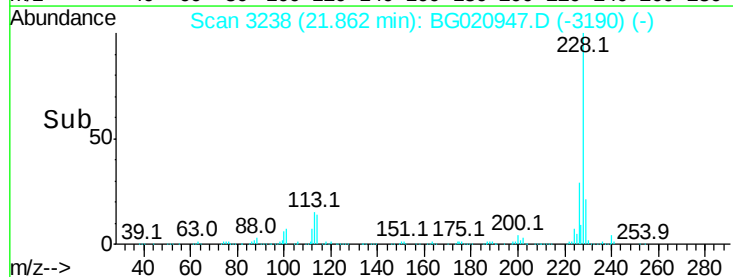
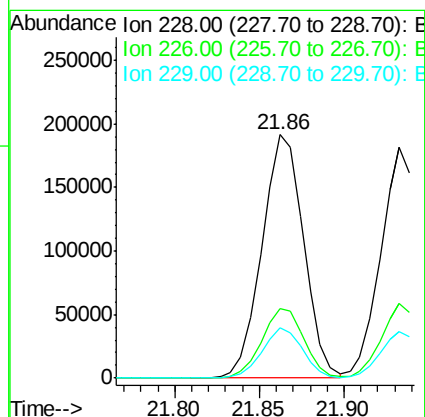
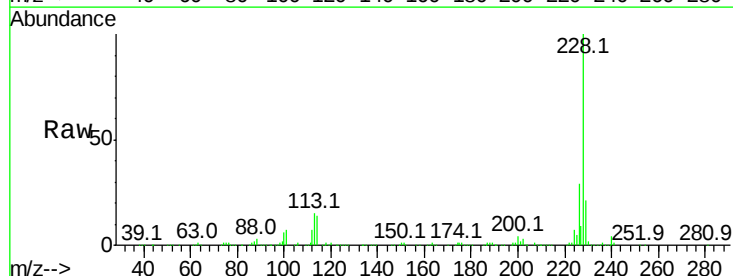
Instrument :
BNA_G
ClientSampleId :

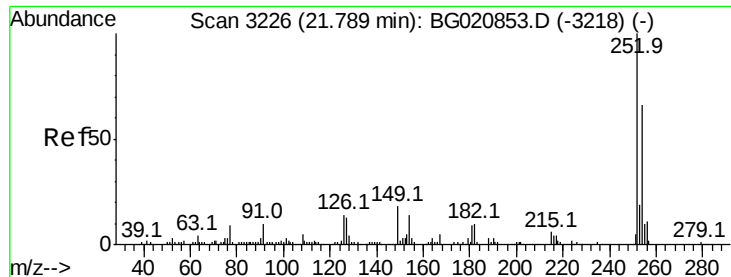
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	50.6	76.0
206	18.0	14.6	22.0



#80
Benzo(a)anthracene
Concen: 44.73 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG020947.D
Acq: 18 Feb 2016 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.1	34.7
229	20.5	16.2	24.2

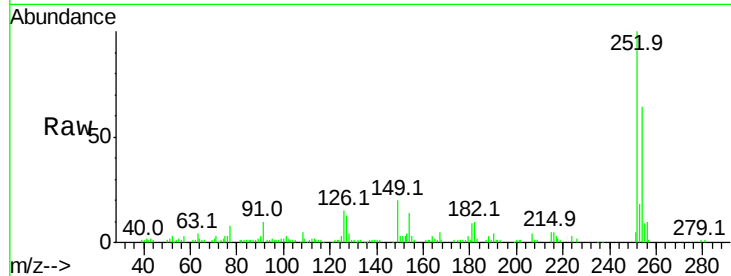




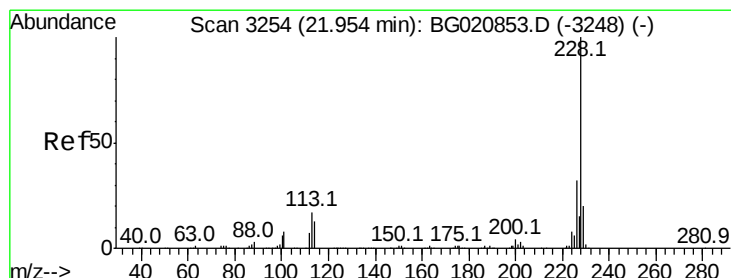
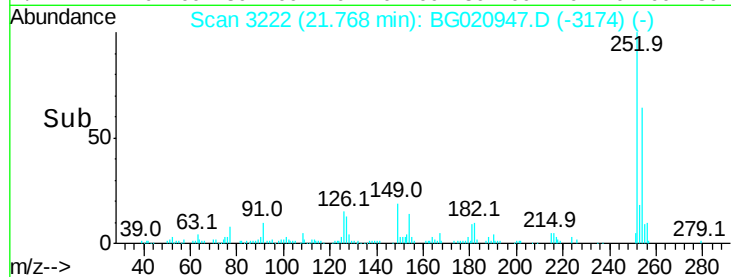
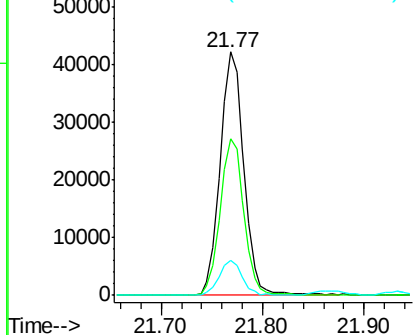
#81
 3,3'-Dichlorobenzidine
 Concen: 25.26 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 68319
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.8 79.2
 126 14.6 11.1 16.7

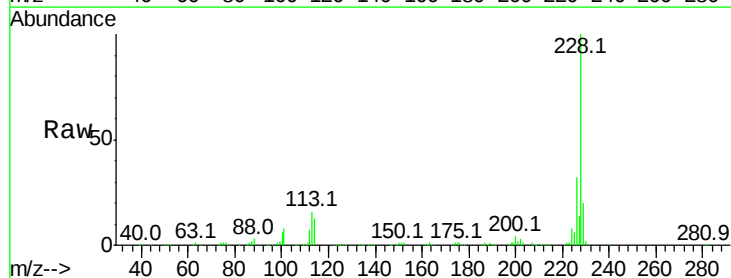


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

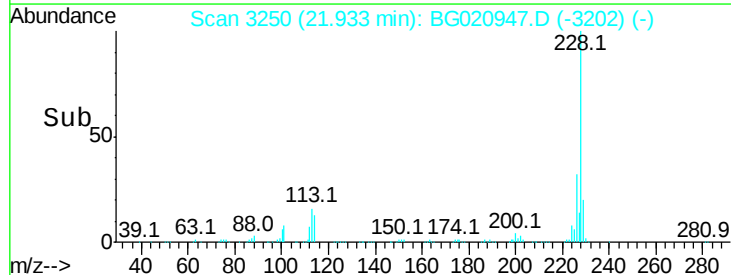
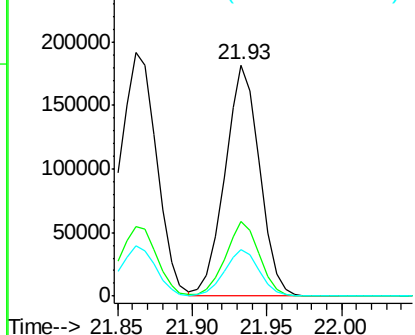


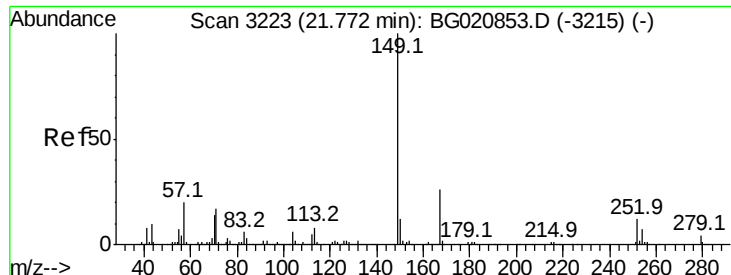
#82
 Chrysene
 Concen: 42.79 ng
 RT: 21.93 min Scan# 3250
 Delta R.T. -0.02 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:228 Resp: 293230
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.3 37.9
 229 19.8 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

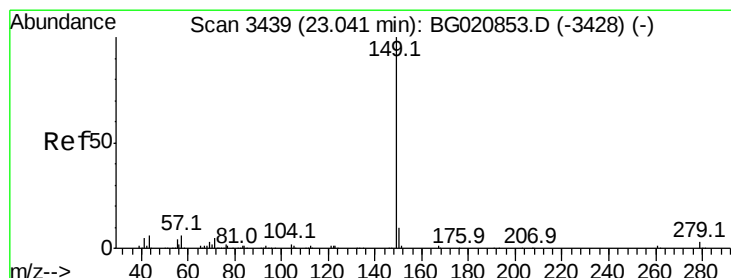
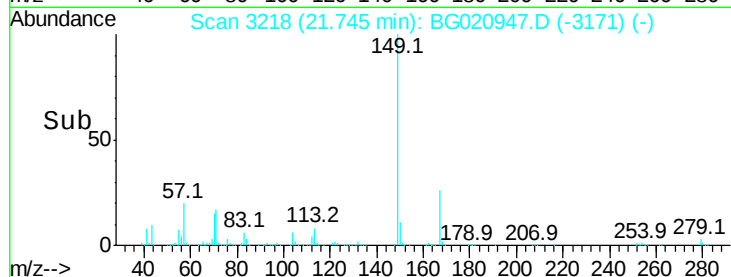
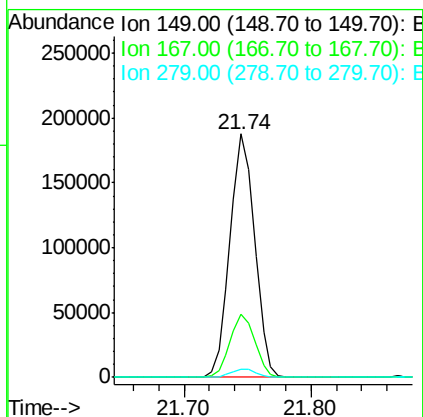
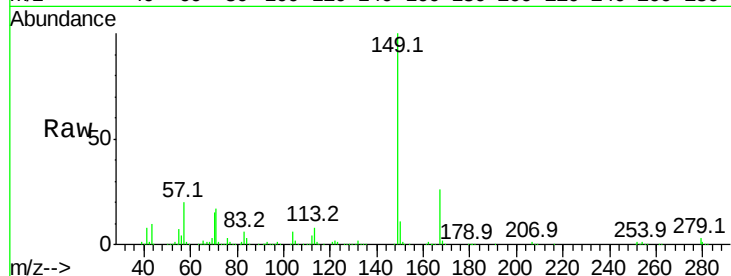




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.34 ng
 RT: 21.74 min Scan# 3218
 Delta R.T. -0.03 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

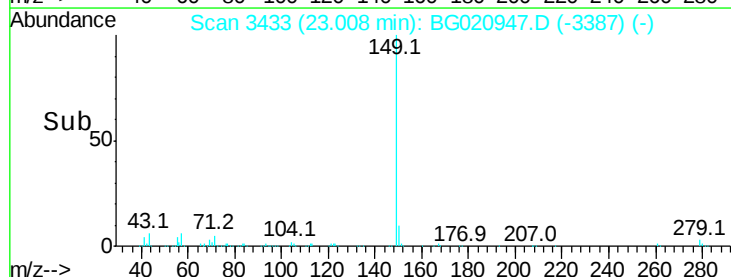
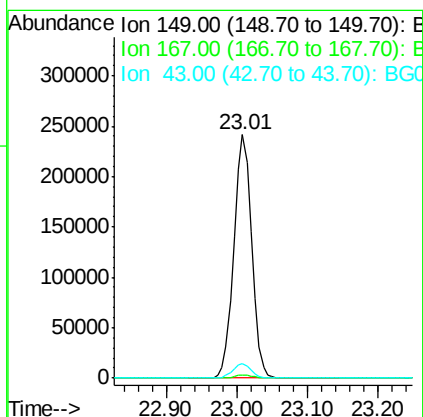
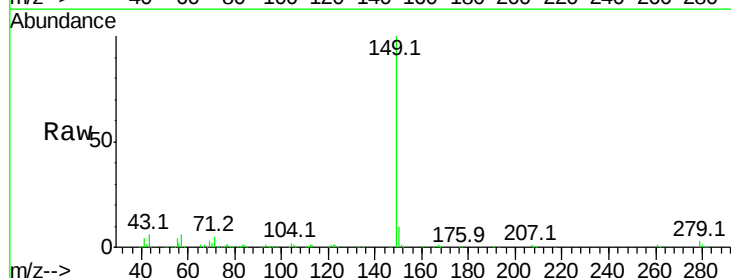
Instrument :
 BNA_G
 ClientSampleId :

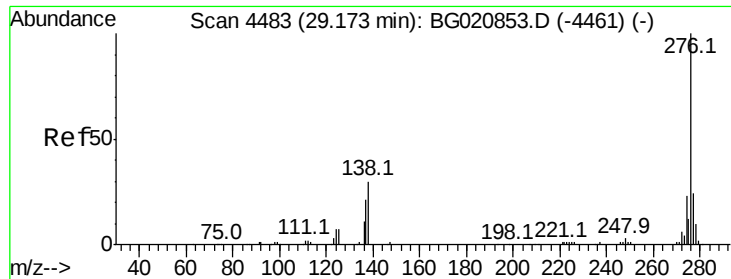
Tot Ion:149 Resp: 253404
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.9 31.3
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.07 ng
 RT: 23.01 min Scan# 3433
 Delta R.T. -0.03 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:149 Resp: 422711
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 5.8 5.1 7.7

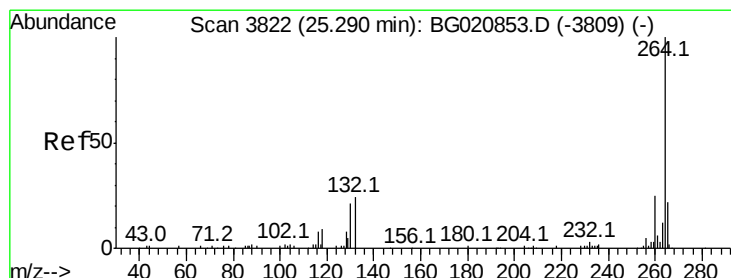
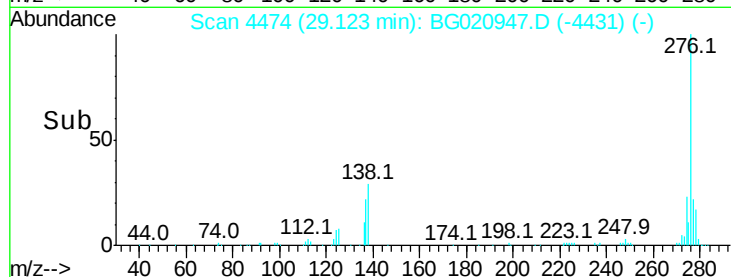
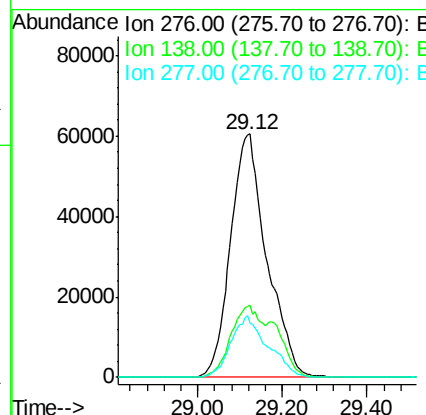
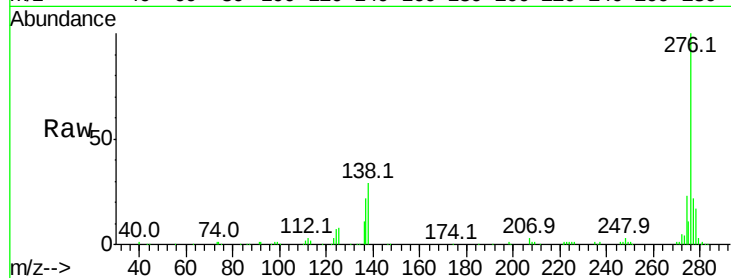




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.52 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. -0.05 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

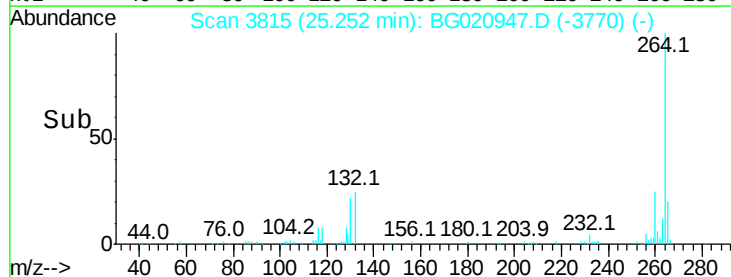
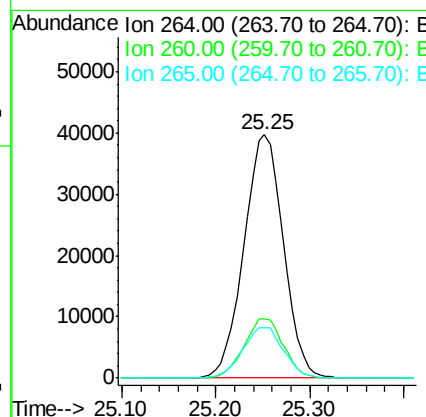
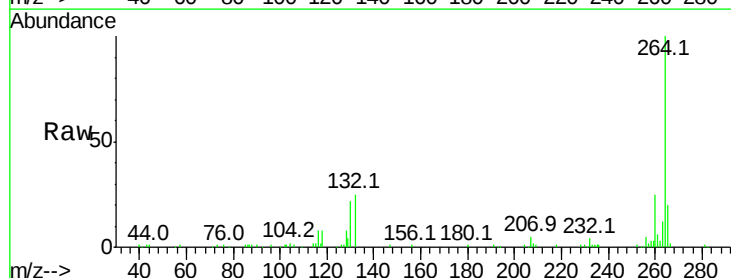
Instrument :
 BNA_G
 ClientSampleId :

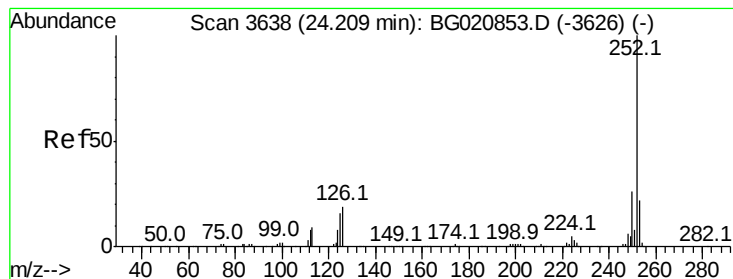
Tot Ion:	276	Resp:	358697
Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.1	30.1
277	25.6	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020947.D
 Acq: 18 Feb 2016 22:27

Tgt Ion:	264	Resp:	115284
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	20.4	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 45.67 ng

RT: 24.18 min Scan# 3632

Delta R.T. -0.03 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :

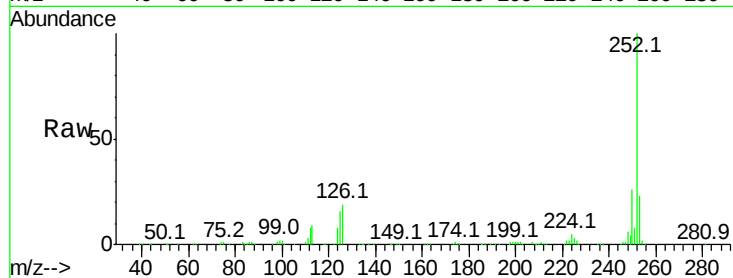
Tot Ion:252 Resp: 322221

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

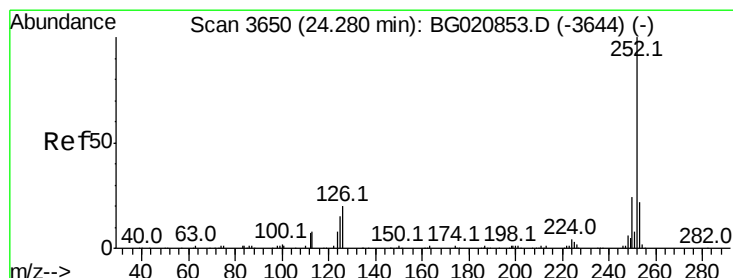
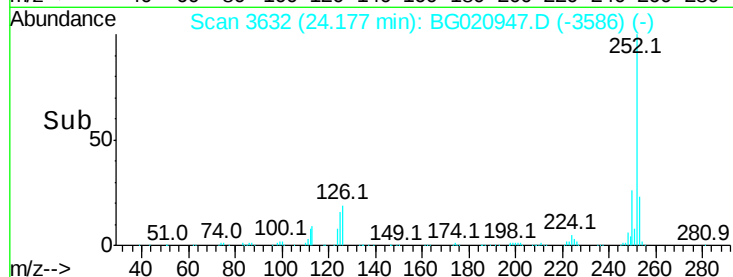
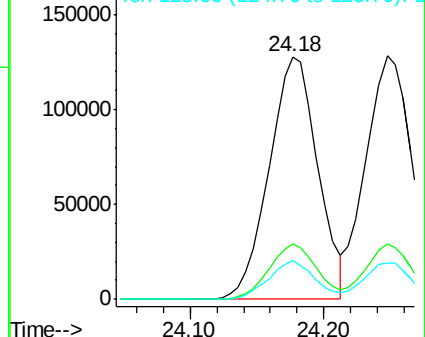
125 15.9 12.5 18.7



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: 44.73 ng

RT: 24.25 min Scan# 3644

Delta R.T. -0.03 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

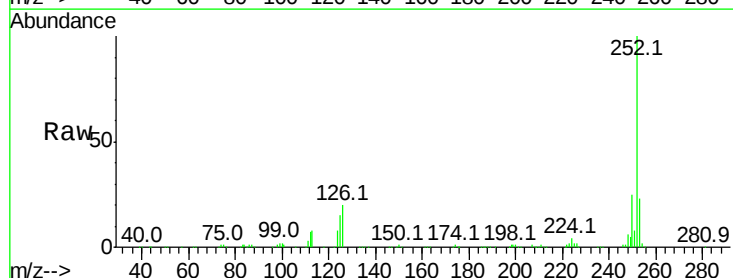
Tgt Ion:252 Resp: 309235

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

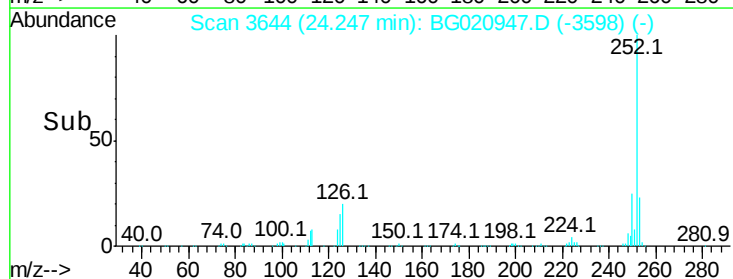
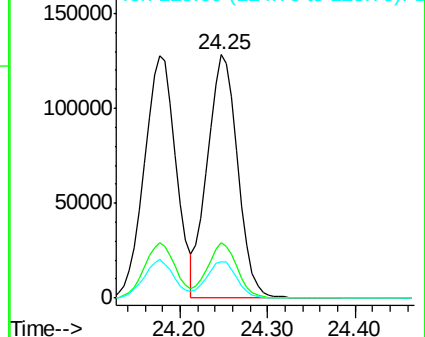
125 15.1 12.2 18.4

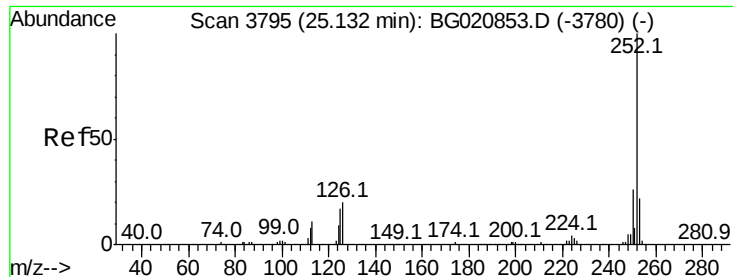


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.06 ng

RT: 25.09 min Scan# 3788

Delta R.T. -0.04 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampled :

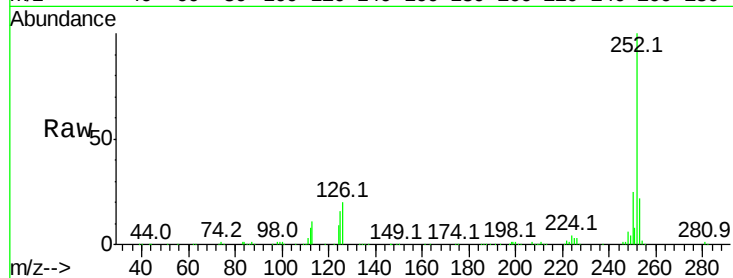
Tot Ion:252 Resp: 302921

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

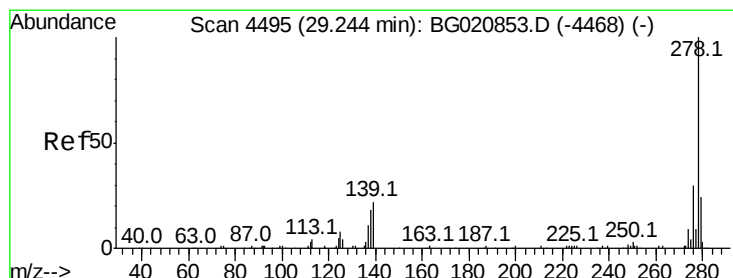
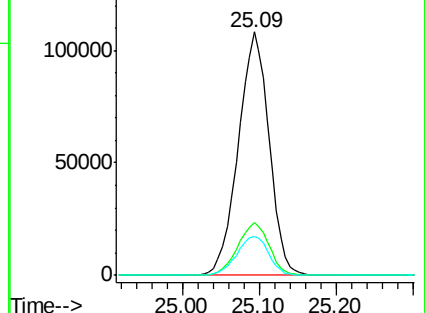
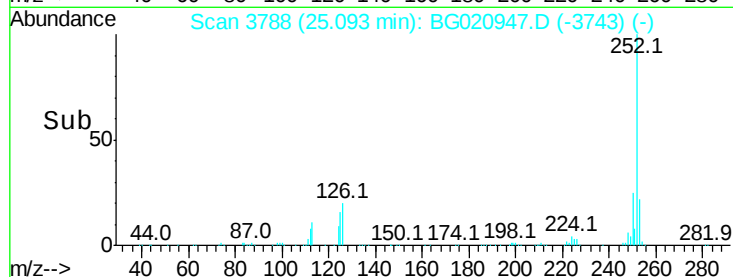
125 15.8 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.68 ng

RT: 29.19 min Scan# 4485

Delta R.T. -0.06 min

Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

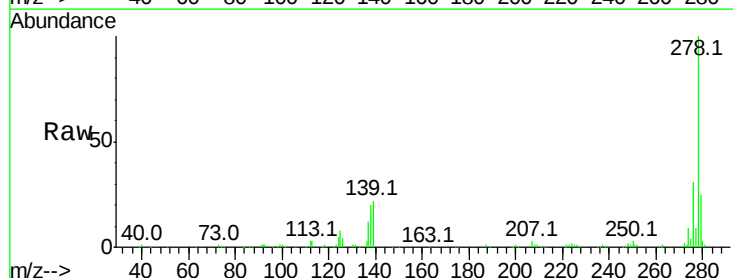
Tgt Ion:278 Resp: 292099

Ion Ratio Lower Upper

278 100

139 22.3 17.3 25.9

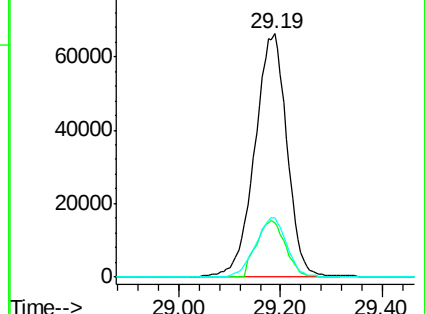
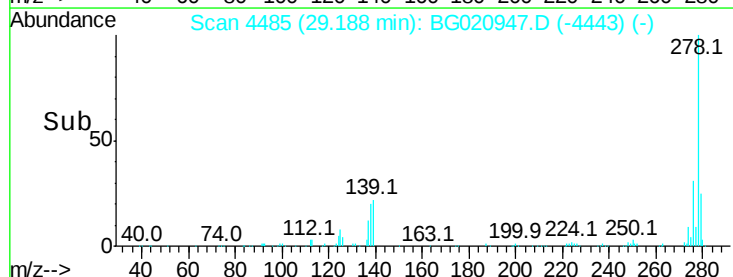
279 24.5 19.1 28.7

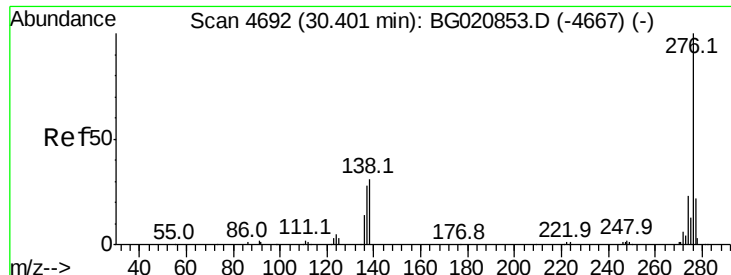


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.10 ng

RT: 30.33 min Scan# 4680

Delta R.T. -0.07 min

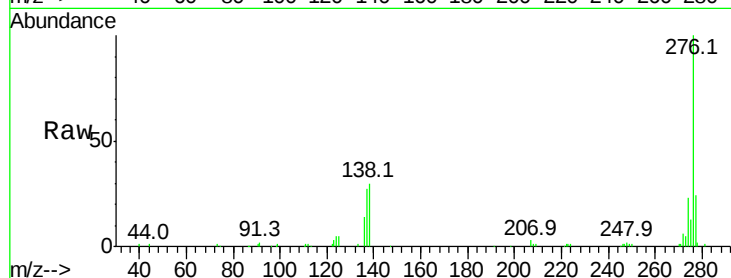
Lab File: BG020947.D

Acq: 18 Feb 2016 22:27

Instrument :

BNA_G

ClientSampleId :



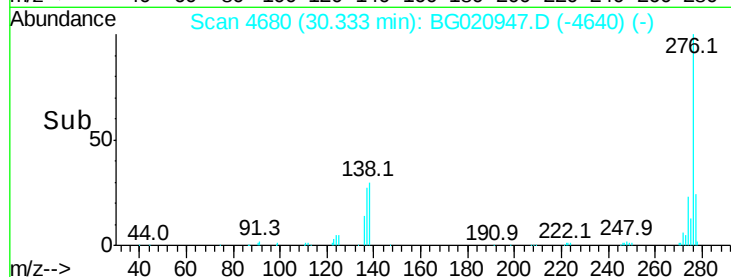
Tot Ion:276 Resp: 292662

Ion Ratio Lower Upper

276 100

277 23.7 17.6 26.4

138 30.0 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

