

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020990.D
 Acq On : 20 Feb 2016 2:48
 Operator : SJ/UM
 Sample : PB88447BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

Quant Time: Feb 20 04:10:40 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	18728	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	92813	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	61930	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	138912	20.00	ng	0.00
75) Chrysene-d12	21.89	240	131264	20.00	ng	-0.02
86) Perylene-d12	25.25	264	124204	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	151559	136.28	ng	0.00
7) Phenol-d6	7.41	99	211845	130.33	ng	0.00
23) Nitrobenzene-d5	9.43	82	114111	80.84	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	87581	143.81	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	327053	74.18	ng	-0.01
78) Terphenyl-d14	20.19	244	463248	82.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	12856	31.79	ng	# 95
3) Pyridine	4.04	79	39519	33.04	ng	98
4) n-Nitrosodimethylamine	3.95	42	11982	38.29	ng	99
6) Aniline	7.58	93	33683	16.62	ng	98
8) 2-Chlorophenol	7.82	128	59404	42.76	ng	99
9) Benzaldehyde	7.39	77	9212	11.32	ng	96
10) Phenol	7.43	94	74059	43.05	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	51434	37.44	ng	99
12) 1,3-Dichlorobenzene	8.15	146	55556	37.82	ng	98
13) 1,4-Dichlorobenzene	8.29	146	57155	38.38	ng	99
14) 1,2-Dichlorobenzene	8.62	146	56124	38.74	ng	98
15) Benzyl Alcohol	8.49	79	43435	42.39	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	50422	35.18	ng	99
17) 2-Methylphenol	8.69	107	51996	41.96	ng	99
18) Hexachloroethane	9.35	117	19642	38.36	ng	94
19) n-Nitroso-di-n-propylamine	9.06	70	39106	37.29	ng	97
20) 3+4-Methylphenols	9.02	107	73303	42.45	ng	98
22) Acetophenone	9.09	105	81355	36.36	ng	# 99
24) Nitrobenzene	9.48	77	55850	37.96	ng	100
25) Isophorone	10.00	82	112202	37.71	ng	98
26) 2-Nitrophenol	10.19	139	32142	41.51	ng	97
27) 2,4-Dimethylphenol	10.24	122	61723	41.60	ng	95
28) bis(2-Chloroethoxy)methane	10.47	93	75440	41.15	ng	100
29) 2,4-Dichlorophenol	10.73	162	61085	45.93	ng	98
30) 1,2,4-Trichlorobenzene	10.94	180	52708	39.34	ng	96
31) Naphthalene	11.14	128	191196	39.82	ng	98
32) Benzoic acid	10.36	122	43393	36.46	ng	97
33) 4-Chloroaniline	11.24	127	17218	8.34	ng	96
34) Hexachlorobutadiene	11.41	225	26450	38.74	ng	99
35) Caprolactam	12.00	113	17026	33.41	ng	89
36) 4-Chloro-3-methylphenol	12.34	107	70614	46.34	ng	97
37) 2-Methylnaphthalene	12.72	142	148283	44.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	63109	34.74	ng	99
40) Hexachlorocyclopentadiene	13.06	237	56956	71.26	ng	95

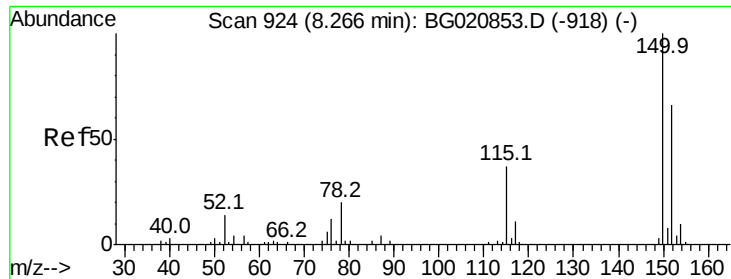
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	50376	41.28	nq	99
43) 2,4,5-Trichlorophenol	13.39	196	55829	43.51	nq	99
45) 1,1'-Biphenyl	13.71	154	191634	35.08	nq	100
46) 2-Chloronaphthalene	13.76	162	144848	37.03	nq	100
47) 2-Nitroaniline	13.96	65	39423	42.09	nq	94
48) Acenaphthylene	14.60	152	265428	39.03	nq	99
49) Dimethylphthalate	14.32	163	198188	40.93	nq	99
50) 2,6-Dinitrotoluene	14.45	165	45510	43.85	nq	96
51) Acenaphthene	14.94	154	162814	39.48	nq	99
52) 3-Nitroaniline	14.77	138	25648	21.27	nq	95
53) 2,4-Dinitrophenol	14.97	184	41272	92.34	nq	92
54) Dibenzofuran	15.27	168	245470	45.00	nq	99
55) 4-Nitrophenol	15.07	139	84913	93.24	nq	96
56) 2,4-Dinitrotoluene	15.23	165	63537	47.37	nq	97
57) Fluorene	15.91	166	213638	42.53	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	49635	50.77	nq	98
59) Diethylphthalate	15.67	149	216079	43.41	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	90953	40.77	nq	95
61) 4-Nitroaniline	15.93	138	52761	43.59	nq	99
62) Azobenzene	16.19	77	176364	45.06	nq	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	28599	41.37	nq	97
65) n-Nitrosodiphenylamine	16.11	169	182011	40.55	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	57255	39.03	nq	98
67) Hexachlorobenzene	16.91	284	63022	40.37	nq	99
68) Atrazine	17.05	200	58589	43.02	nq	99
69) Pentachlorophenol	17.25	266	73764	82.42	nq	95
70) Phenanthrene	17.65	178	323919	40.96	nq	99
71) Anthracene	17.74	178	324519	40.43	nq	99
72) Carbazole	18.00	167	298848	41.49	nq	99
73) Di-n-butylphthalate	18.55	149	365951	39.62	nq	100
74) Fluoranthene	19.64	202	347957	40.73	nq	98
76) Benzidine	19.81	184	97703	23.02	nq	98
77) Pyrene	20.00	202	358175	41.37	nq	99
79) Butylbenzylphthalate	20.87	149	166134	40.08	nq	98
80) Benzo(a)anthracene	21.86	228	321609	41.04	nq	99
81) 3,3'-Dichlorobenzidine	21.77	252	46893	16.12	nq	96
82) Chrysene	21.93	228	287646	39.03	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	242703	39.49	nq	99
84) Di-n-octyl phthalate	23.01	149	413476	40.99	nq	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	353068	41.66	nq	# 89
87) Benzo(b)fluoranthene	24.18	252	321615	42.31	nq	99
88) Benzo(k)fluoranthene	24.26	252	299043	40.15	nq	99
89) Benzo(a)pyrene	25.10	252	304195	42.00	nq	100
90) Dibenzo(a,h)anthracene	29.19	278	286363	40.66	nq	100
91) Benzo(g,h,i)perylene	30.34	276	274557	39.27	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampled :

PB88447BS

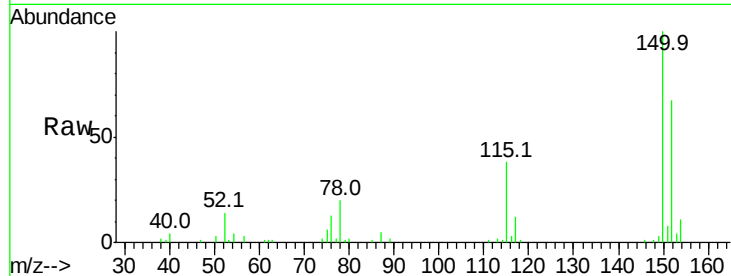
Tot Ion:152 Resp: 18728

Ion Ratio Lower Upper

152 100

150 150.2 122.0 183.0

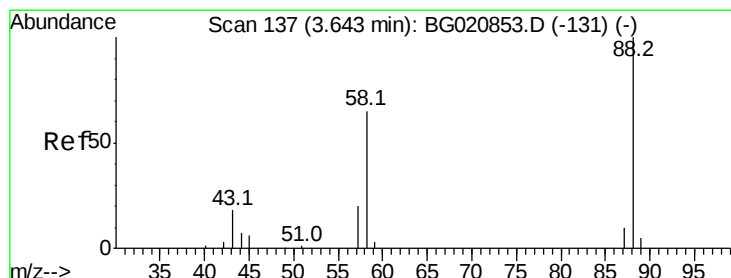
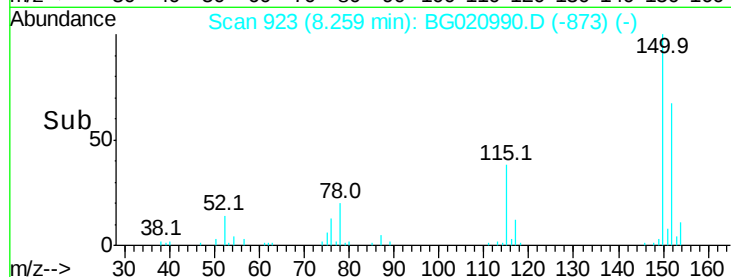
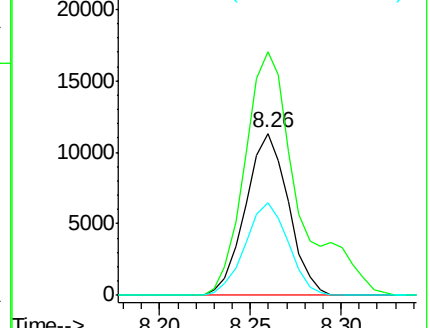
115 57.1 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.79 ng

RT: 3.62 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

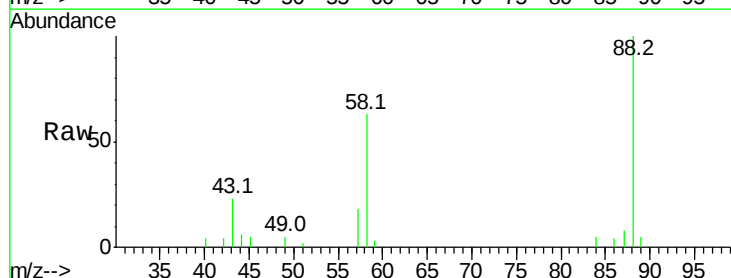
Tgt Ion: 88 Resp: 12856

Ion Ratio Lower Upper

88 100

58 66.3 50.3 75.5

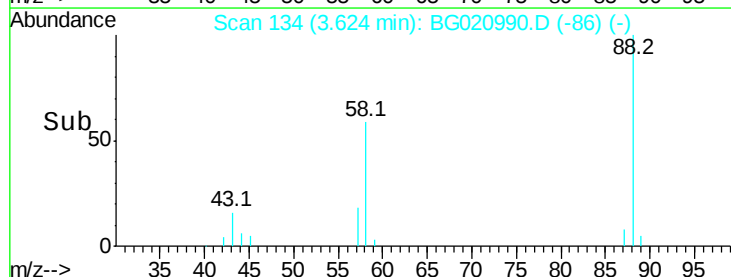
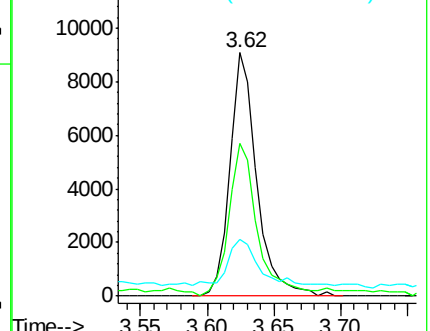
43 21.9 14.5 21.7#

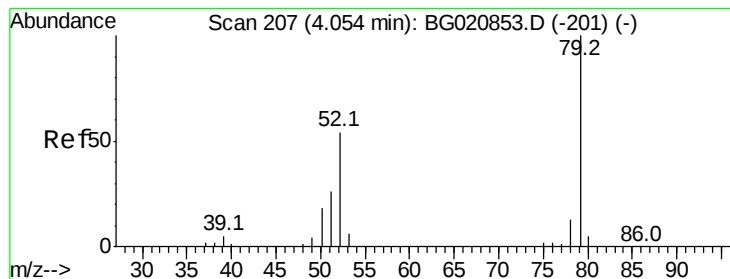


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.04 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

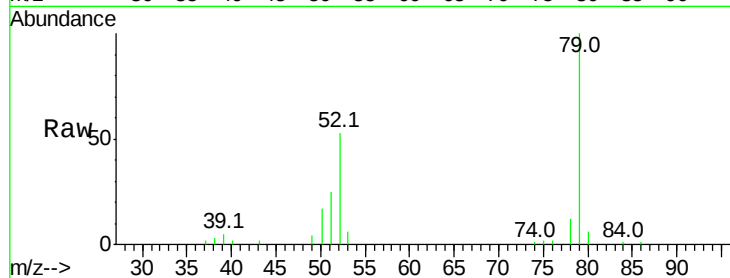
Tot Ion: 79 Resp: 39519

Ion Ratio Lower Upper

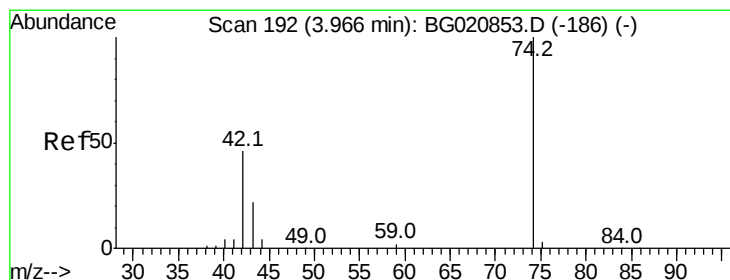
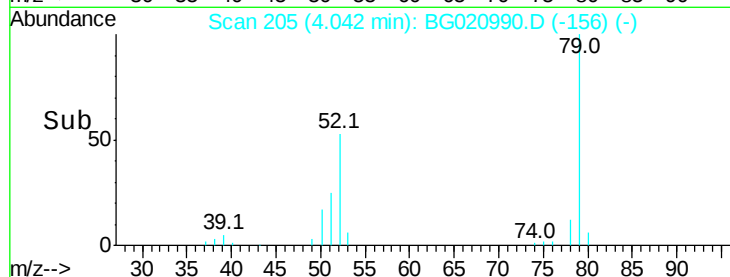
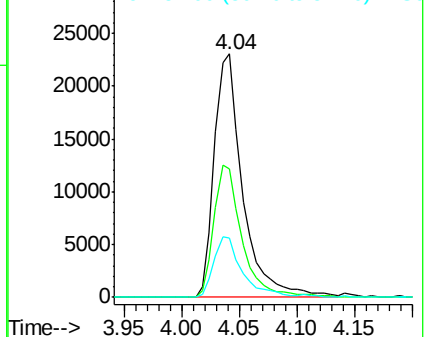
79 100

52 52.9 43.1 64.7

51 24.6 20.7 31.1



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



#4

n-Nitrosodimethylamine

Concen: 38.29 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

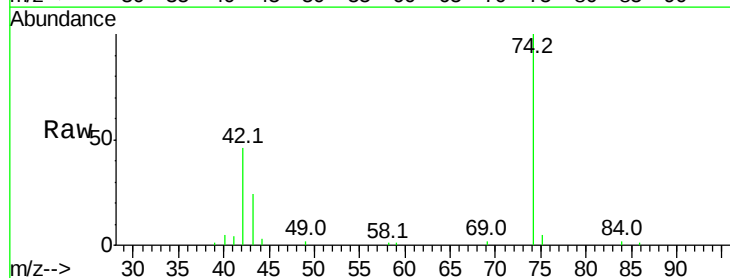
Tgt Ion: 42 Resp: 11982

Ion Ratio Lower Upper

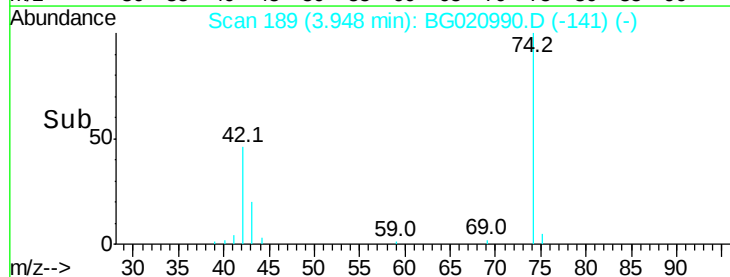
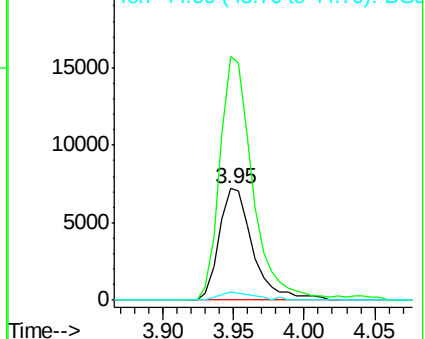
42 100

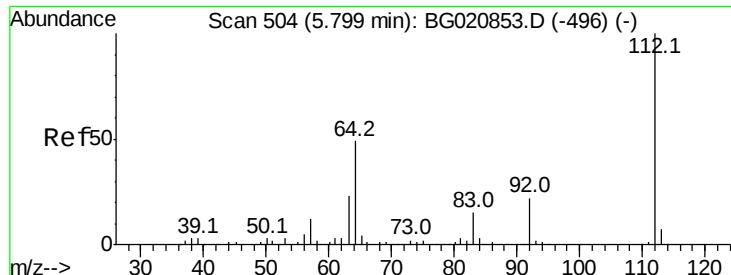
74 219.0 173.8 260.6

44 7.3 6.3 9.5



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





#5

2-Fluorophenol

Concen: 136.28 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

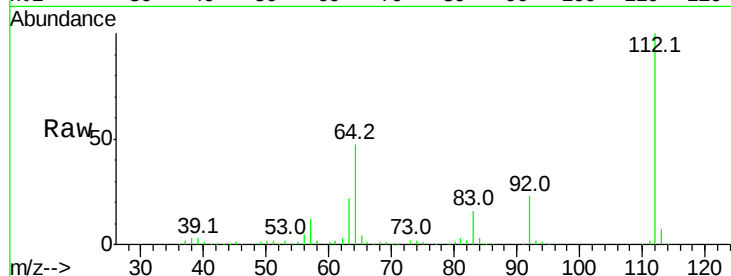
Tot Ion: 112 Resp: 151559

Ion Ratio Lower Upper

112 100

64 46.6 39.3 58.9

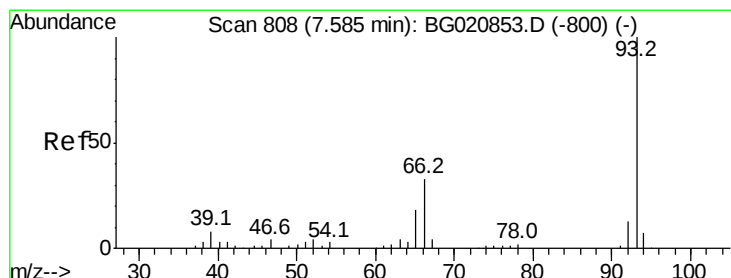
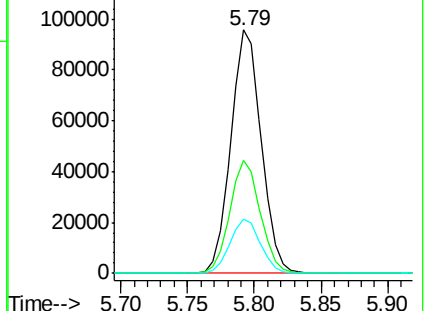
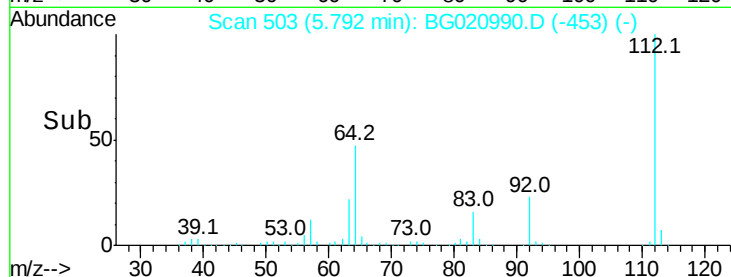
63 22.4 18.2 27.4



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: 16.62 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

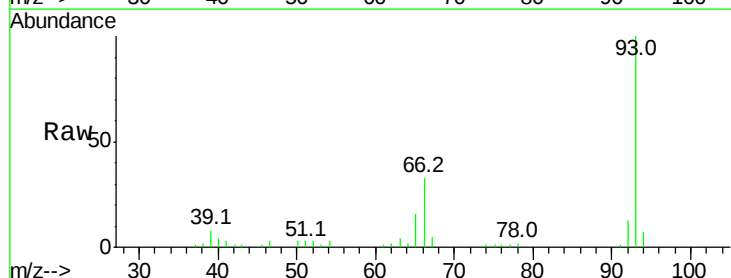
Tgt Ion: 93 Resp: 33683

Ion Ratio Lower Upper

93 100

66 33.2 26.6 40.0

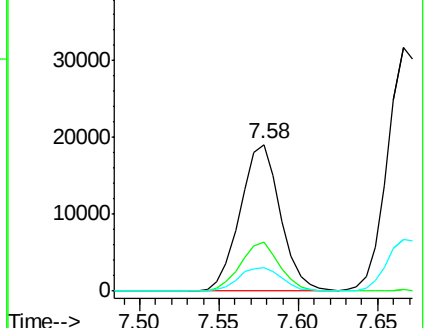
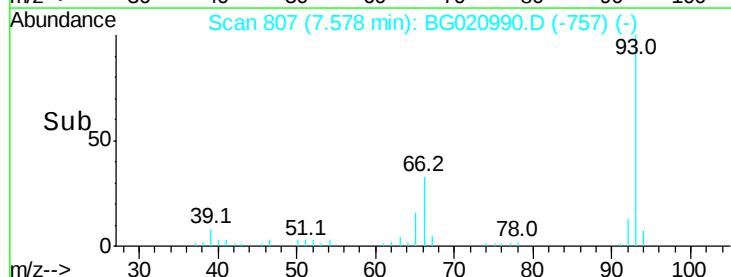
65 15.7 14.0 21.0

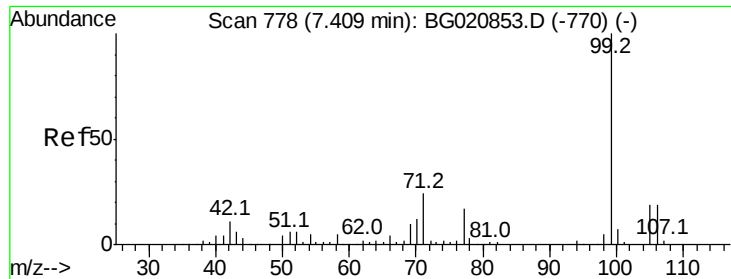


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.33 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

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ClientSampleId :

PB88447BS

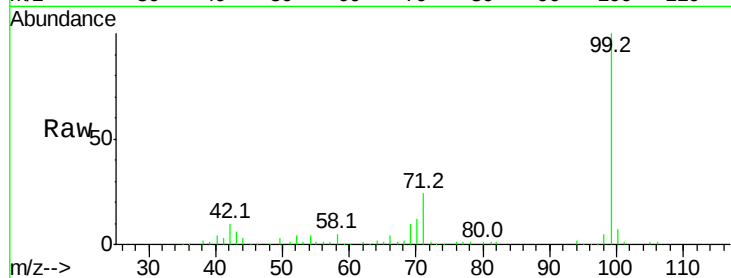
Tot Ion: 99 Resp: 211845

Ion Ratio Lower Upper

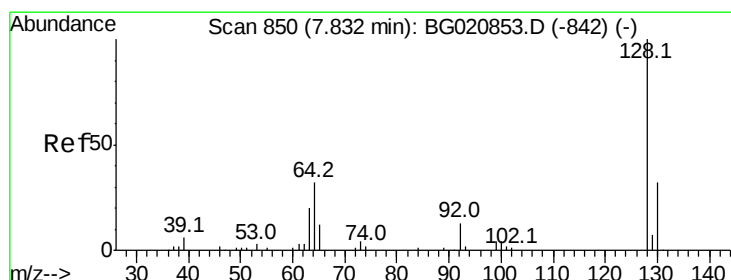
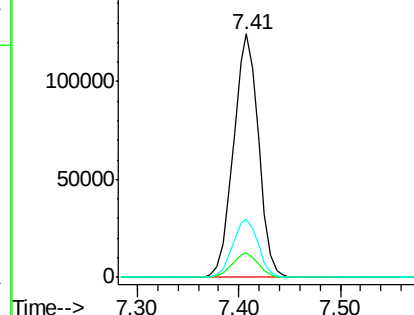
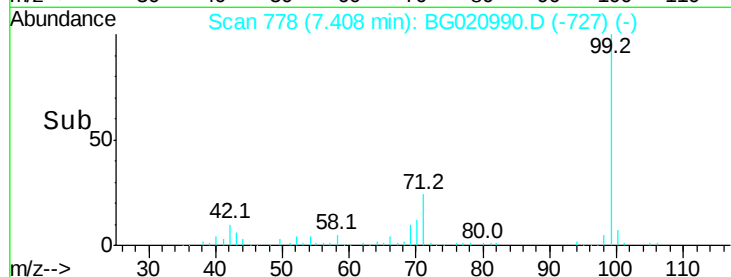
99 100

42 10.1 8.4 12.6

71 23.9 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: 42.76 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

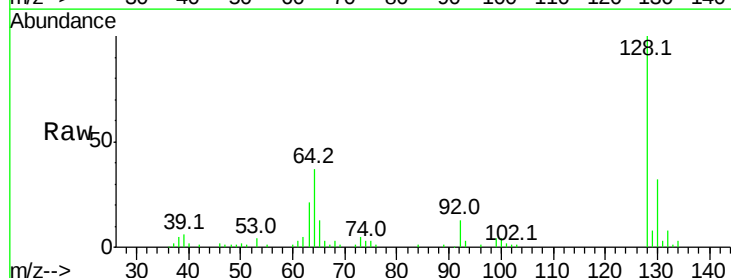
Tgt Ion: 128 Resp: 59404

Ion Ratio Lower Upper

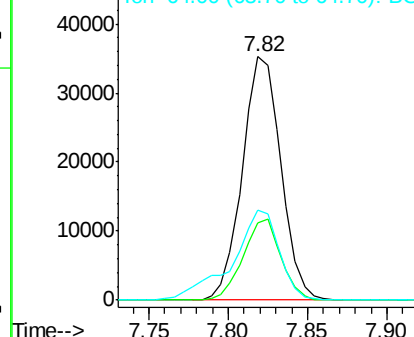
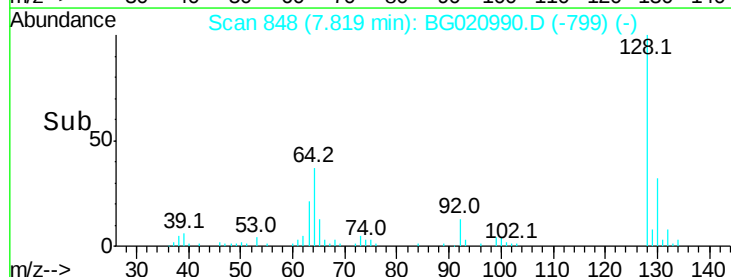
128 100

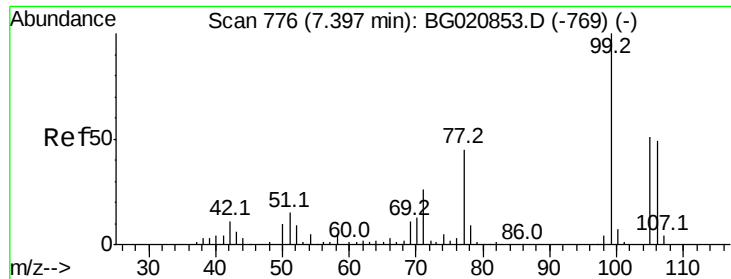
130 31.9 12.3 52.3

64 37.1 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: 11.32 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

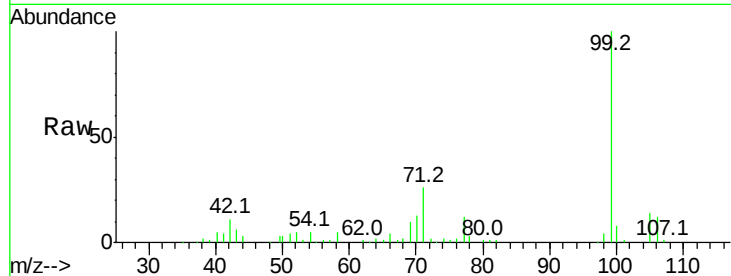
BNA_G

ClientSampleId :

PB88447BS

Tot Ion: 77 Resp: 9212

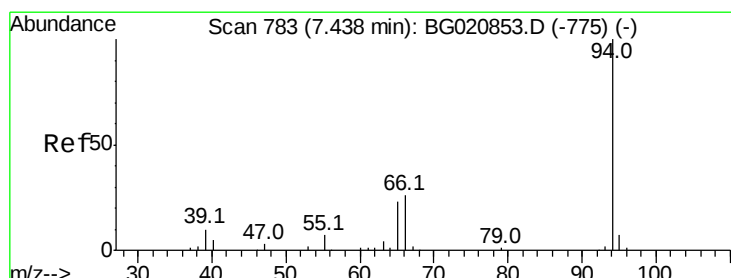
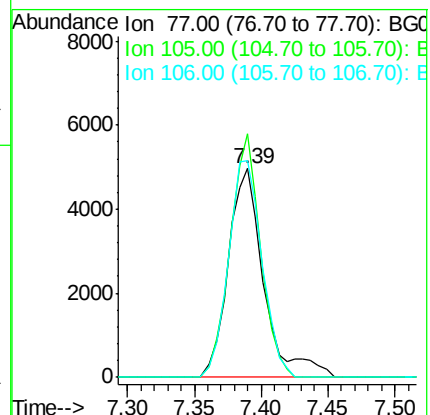
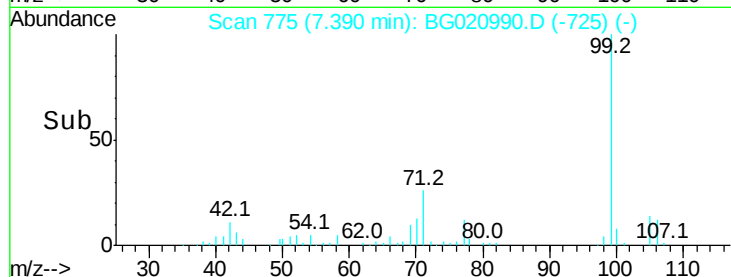
Ion	Ratio	Lower	Upper
77	100		
105	116.8	93.4	133.4
106	103.7	88.7	128.7



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: 43.05 ng

RT: 7.43 min Scan# 782

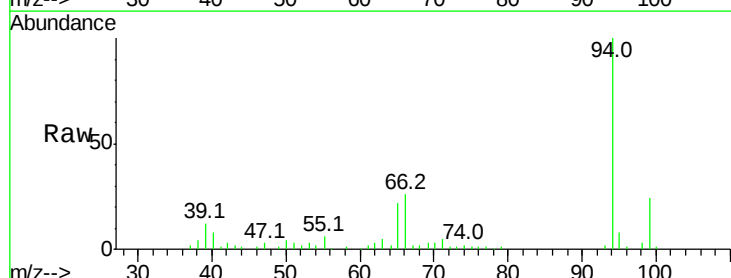
Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Tgt Ion: 94 Resp: 74059

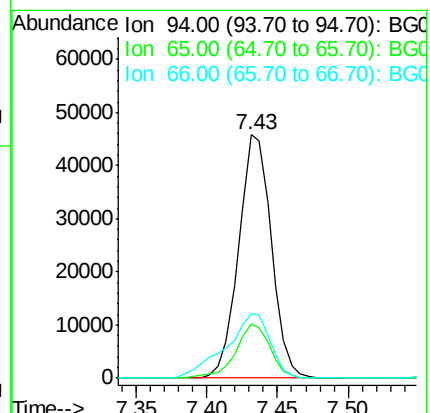
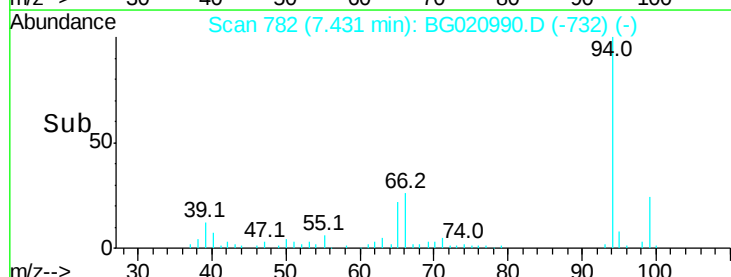
Ion	Ratio	Lower	Upper
94	100		
65	22.4	2.8	42.8
66	26.3	7.2	47.2

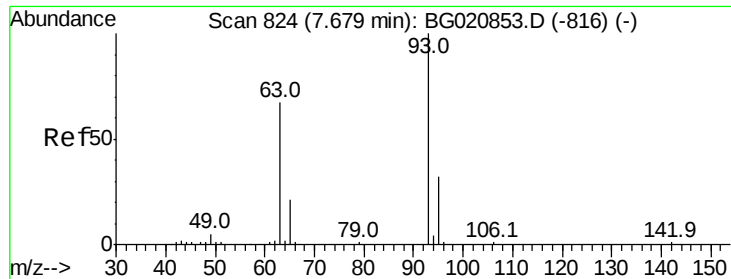


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

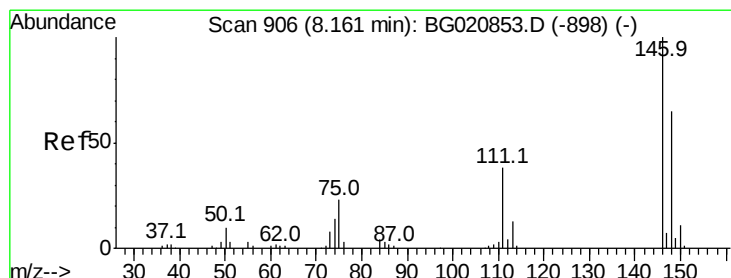
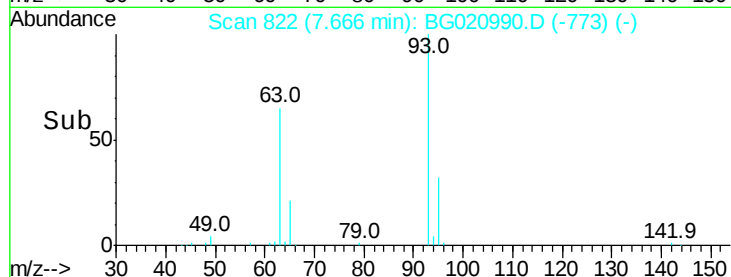
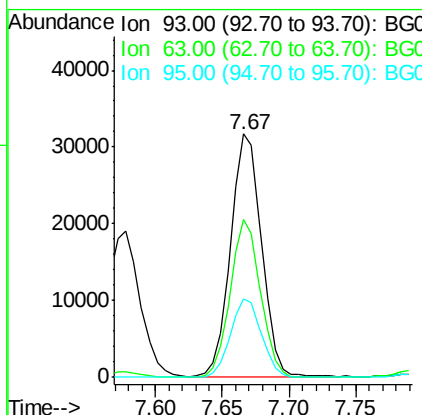
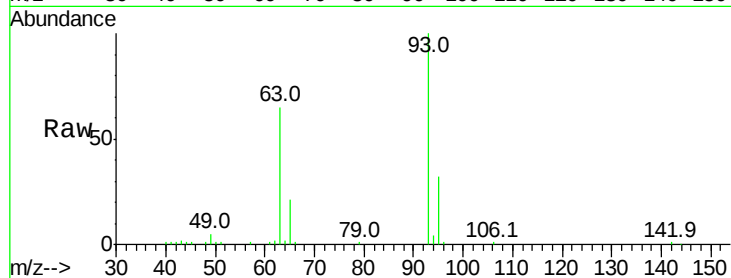




#11
bis(2-Chloroethyl)ether
Concen: 37.44 ng
RT: 7.67 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

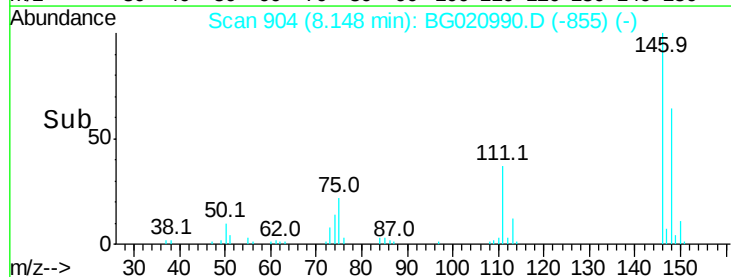
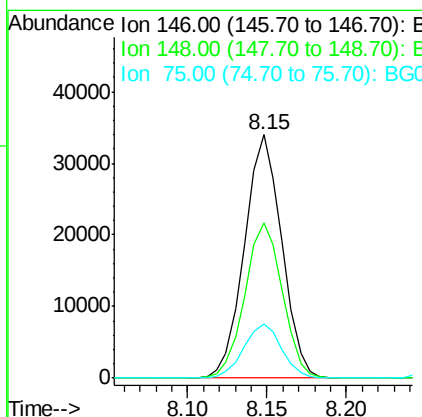
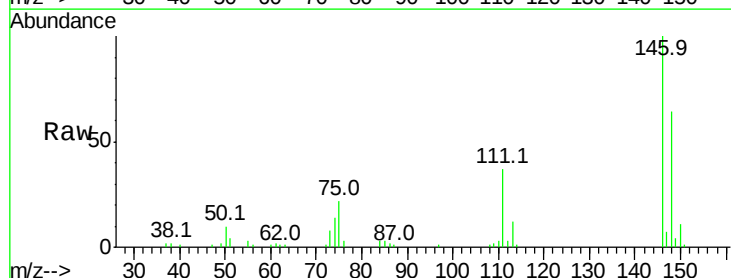
Instrument :
BNA_G
ClientSampleId :
PB88447BS

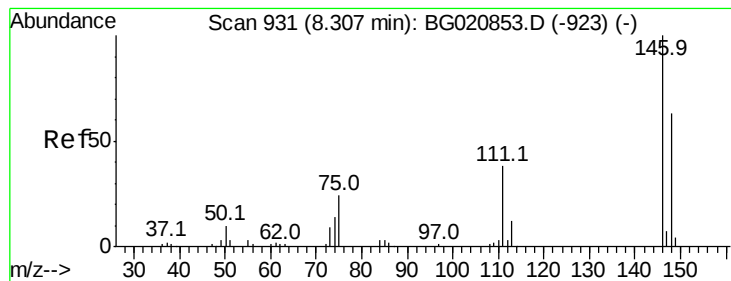
Tot Ion: 93 Resp: 51434
Ion Ratio Lower Upper
93 100
63 65.0 46.4 86.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 37.82 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion: 146 Resp: 55556
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 22.4 18.7 28.1





#13

1,4-Dichlorobenzene

Concen: 38.38 ng

RT: 8.29 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

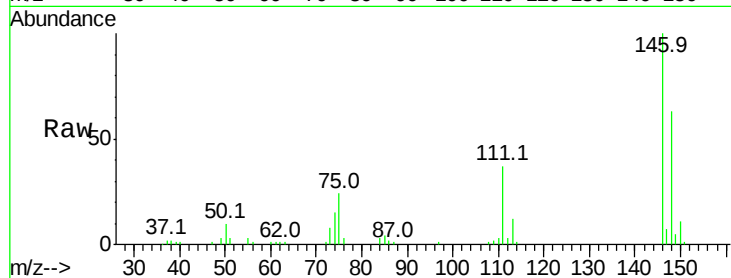
Tot Ion:146 Resp: 57155

Ion Ratio Lower Upper

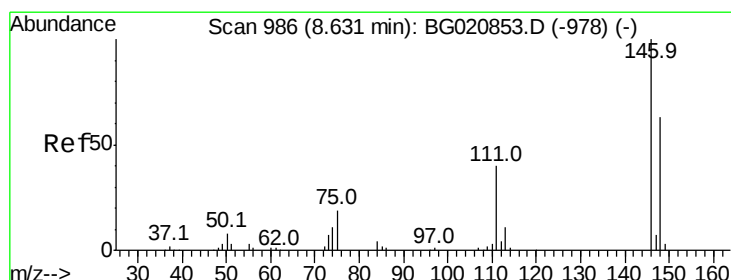
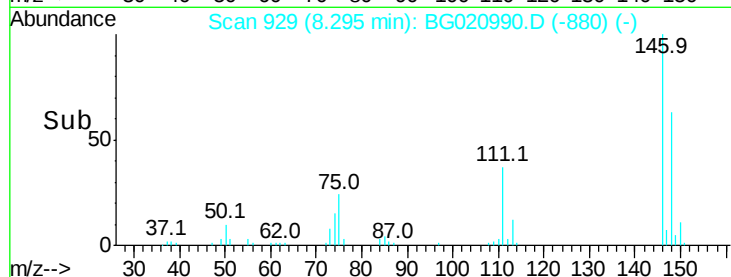
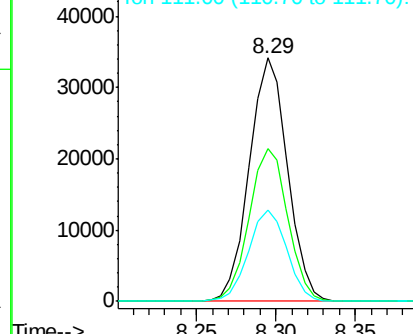
146 100

148 62.5 50.8 76.2

111 37.3 30.1 45.1



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



#14

1,2-Dichlorobenzene

Concen: 38.74 ng

RT: 8.62 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

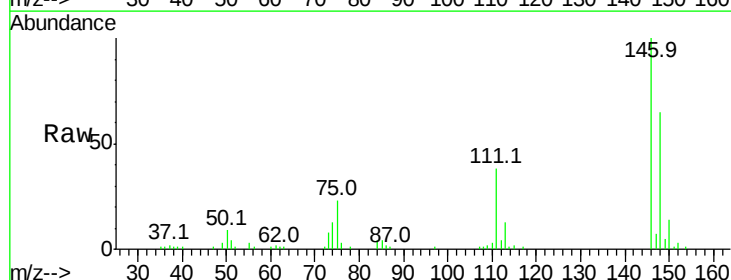
Tgt Ion:146 Resp: 56124

Ion Ratio Lower Upper

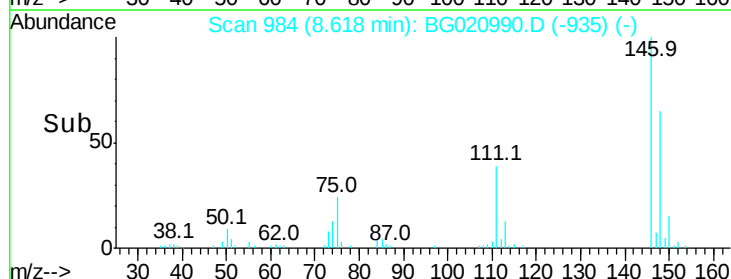
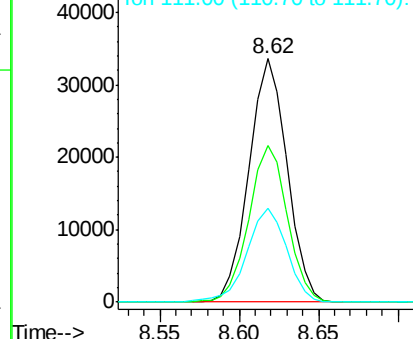
146 100

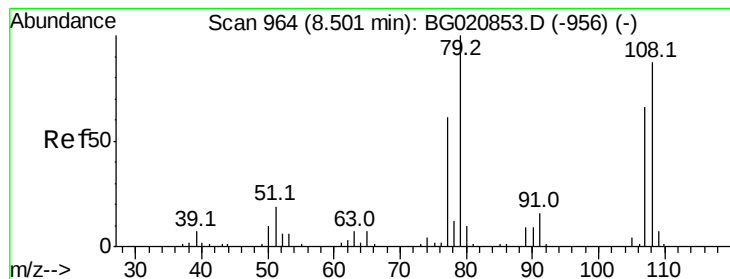
148 64.5 50.6 76.0

111 38.4 32.6 48.8



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





#15

Benzyl Alcohol

Concen: 42.39 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

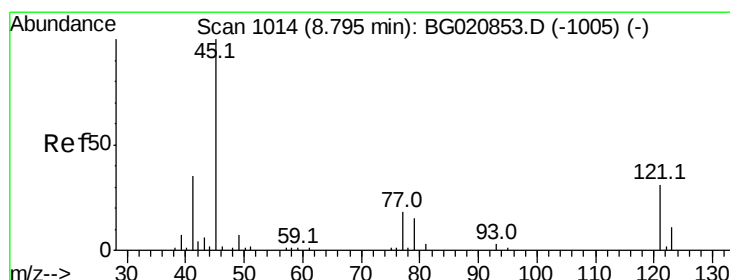
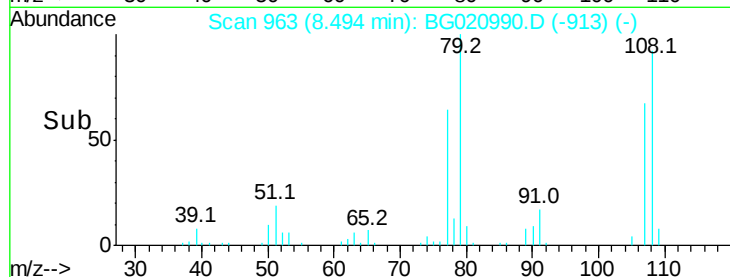
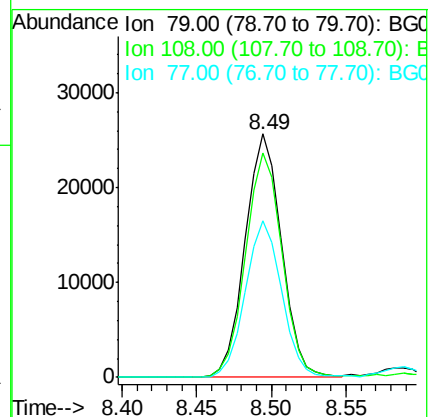
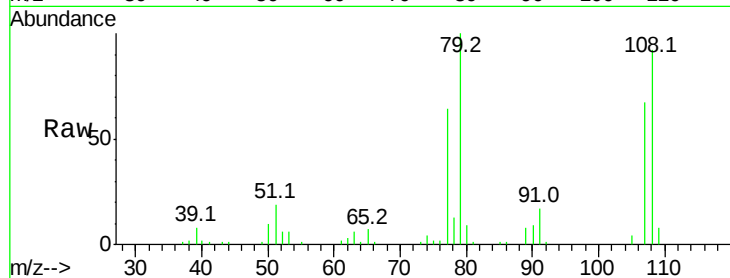
Tot Ion: 79 Resp: 43435

Ion Ratio Lower Upper

79 100

108 92.0 69.4 104.2

77 64.2 48.6 73.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.18 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

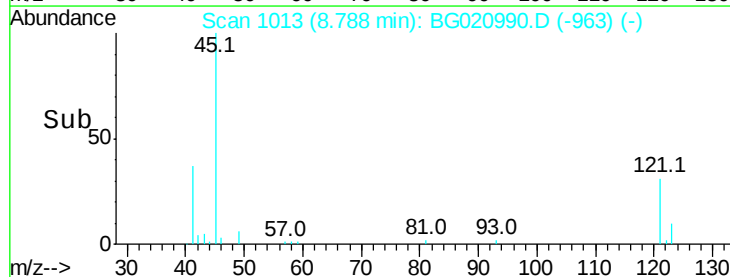
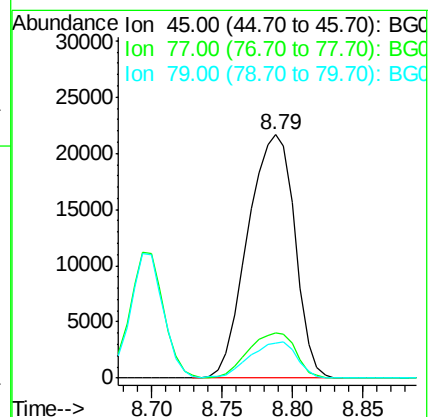
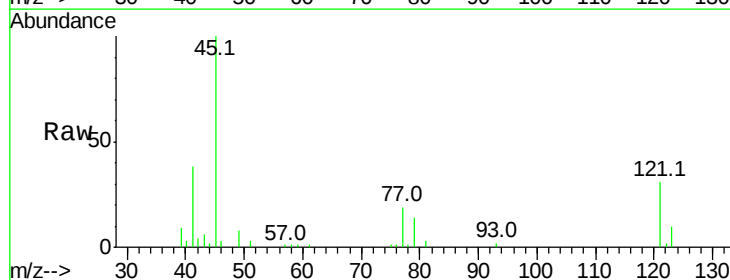
Tgt Ion: 45 Resp: 50422

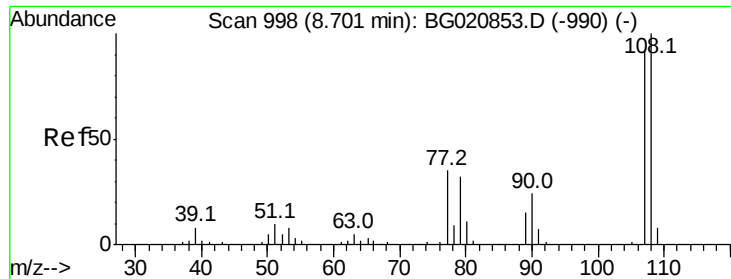
Ion Ratio Lower Upper

45 100

77 18.6 0.0 38.5

79 14.5 0.0 34.9

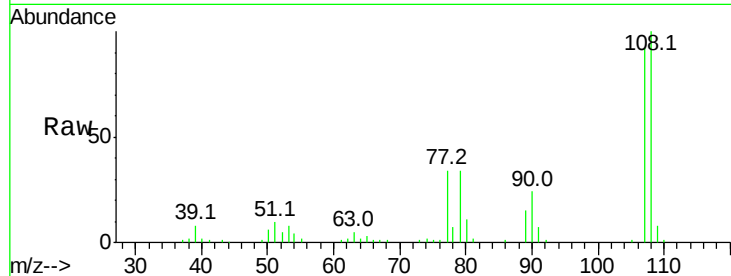




#17
2-Methylphenol
Concen: 41.96 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Instrument :
BNA_G
ClientSampleId :
PB88447BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.0	130.4
77	36.7	30.1	45.1
79	36.4	27.4	41.2



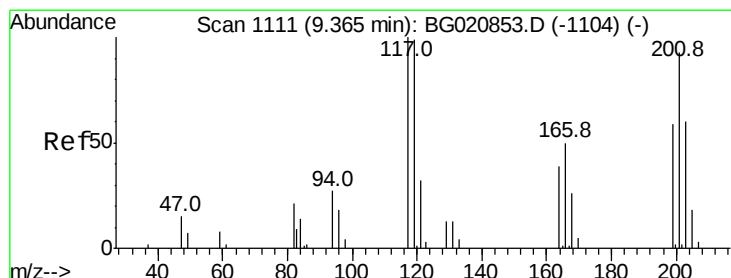
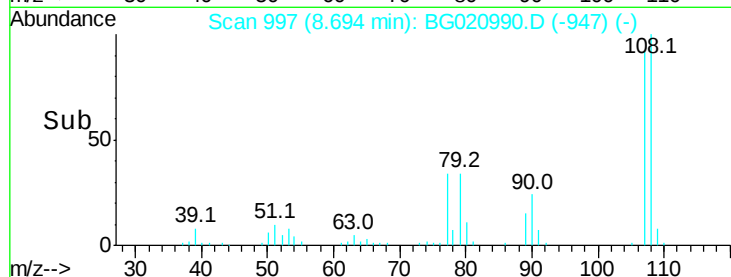
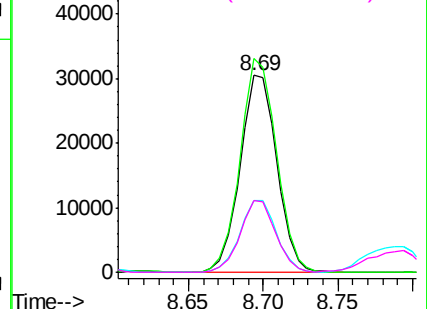
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

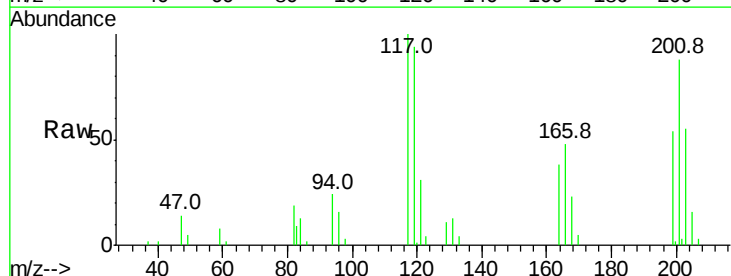
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.36 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.6	119.4
201	87.9	74.5	111.7

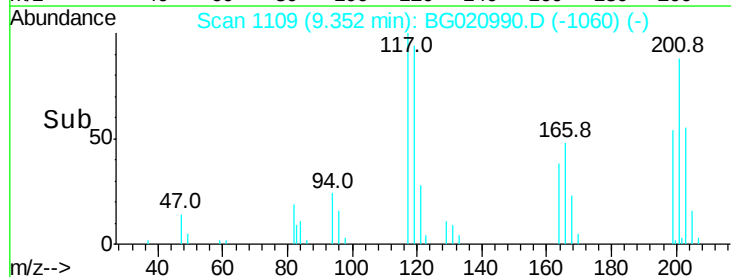
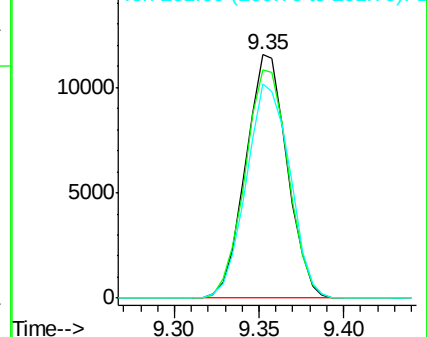


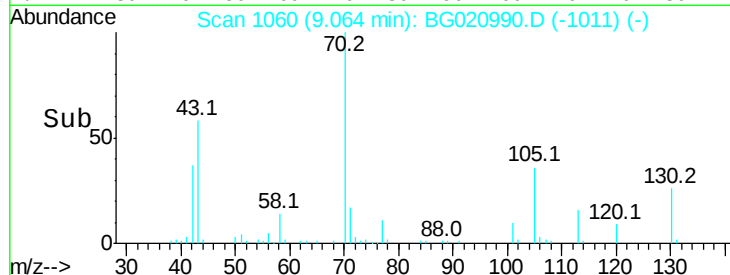
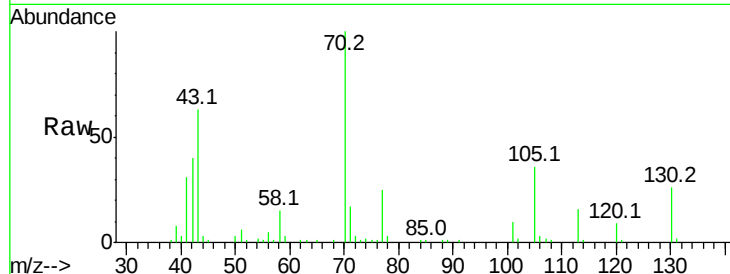
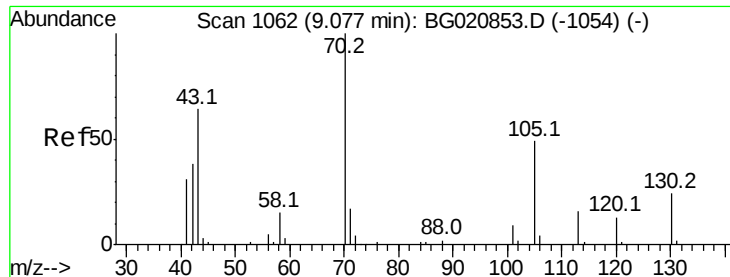
Abundance

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

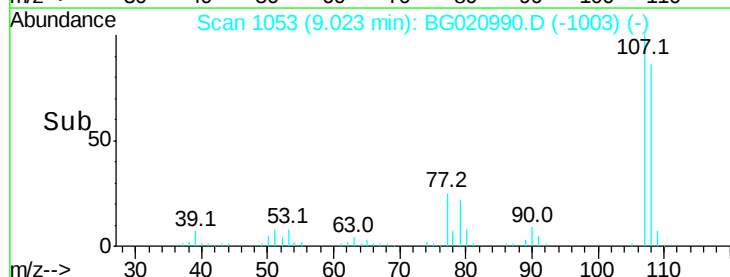
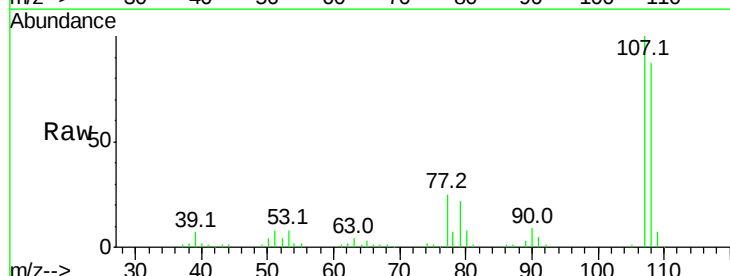
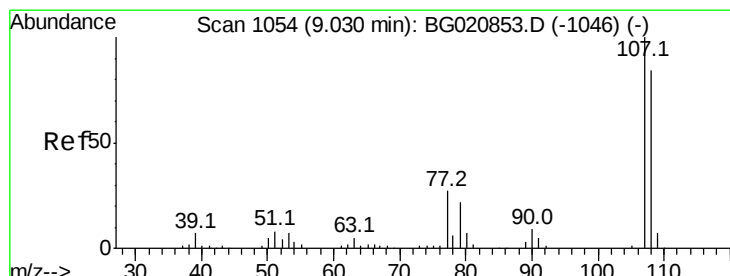
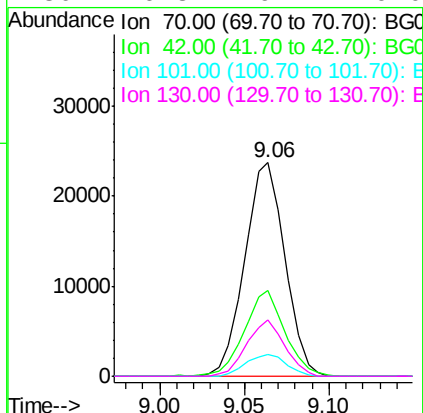




#19
n-Nitroso-di-n-propylamine
Concen: 37.29 ng
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

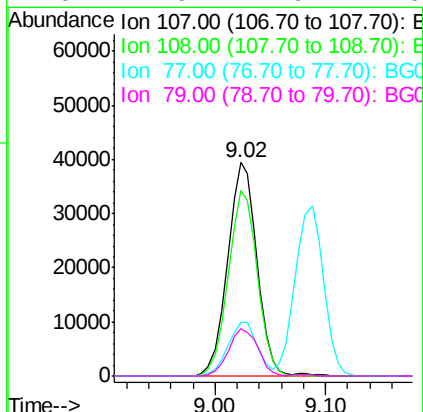
Instrument :
BNA_G
ClientSampleId :
PB88447BS

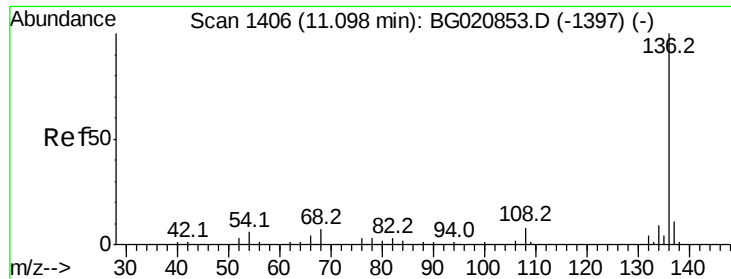
Tot Ion:	70	Resp:	39106
Ion	Ratio	Lower	Upper
70	100		
42	39.9	30.9	46.3
101	9.9	7.3	10.9
130	26.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.45 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:	107	Resp:	73303
Ion	Ratio	Lower	Upper
107	100		
108	86.8	64.4	104.4
77	25.2	7.1	47.1
79	21.9	1.9	41.9

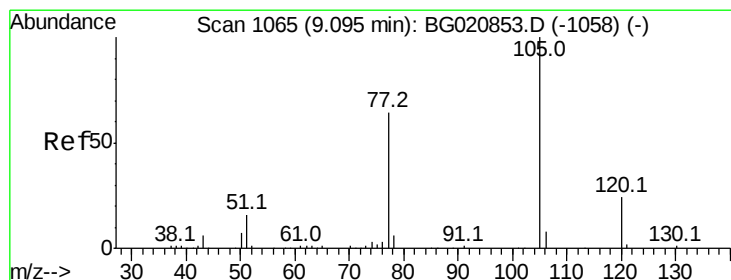
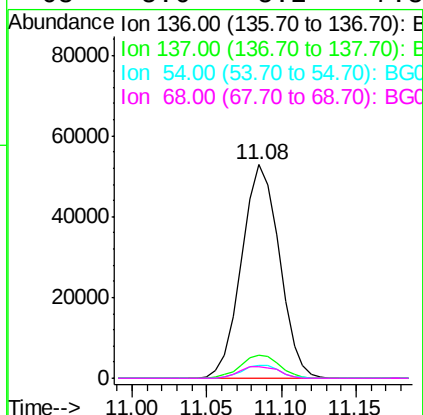
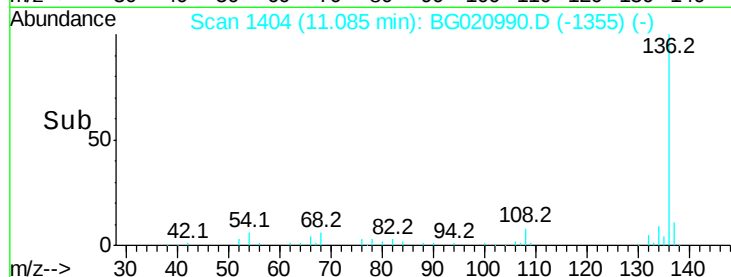
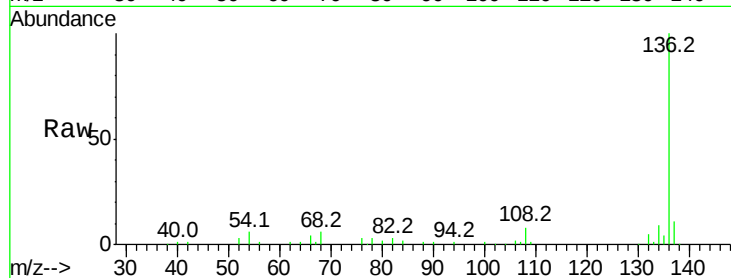




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

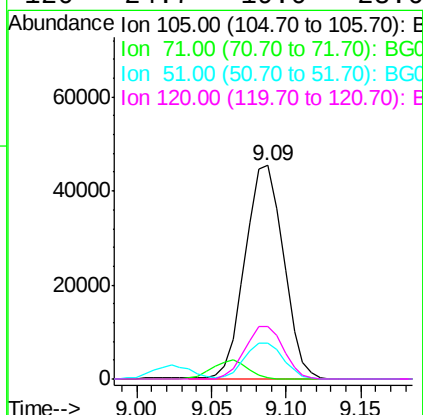
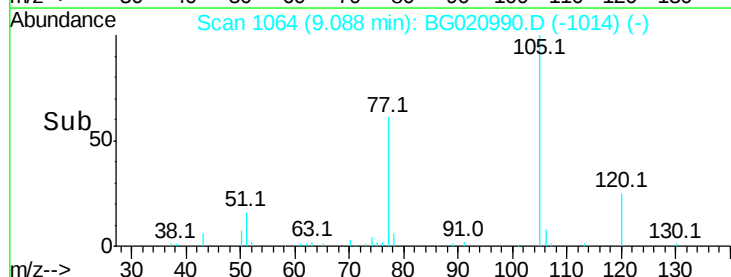
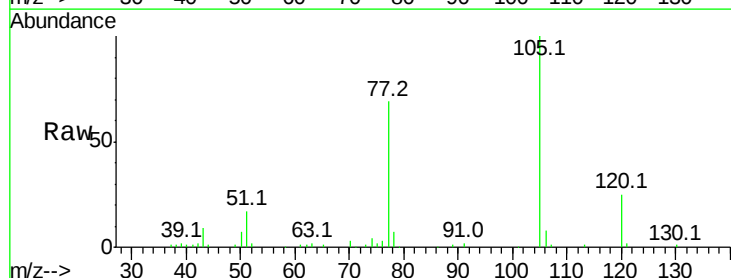
Instrument :
BNA_G
ClientSampleId :
PB88447BS

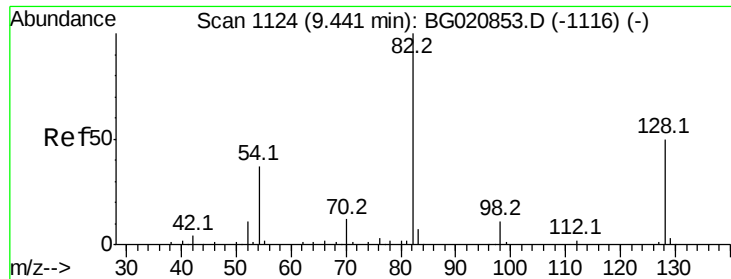
Tot Ion:136	Resp:	92813
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	6.1	5.0 7.4
68	5.6	5.2 7.8



#22
Acetophenone
Concen: 36.36 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:105	Resp:	81355
Ion Ratio	Lower	Upper
105	100	
71	0.3	1.4 2.0#
51	16.9	13.7 20.5
120	24.7	19.0 28.6

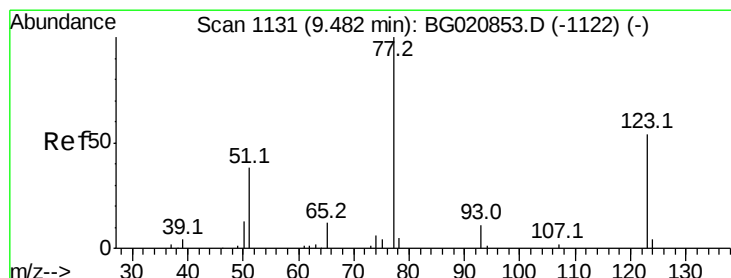
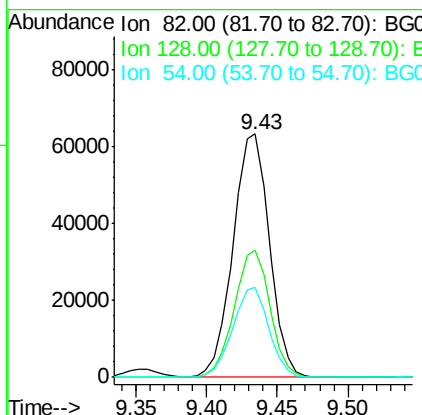
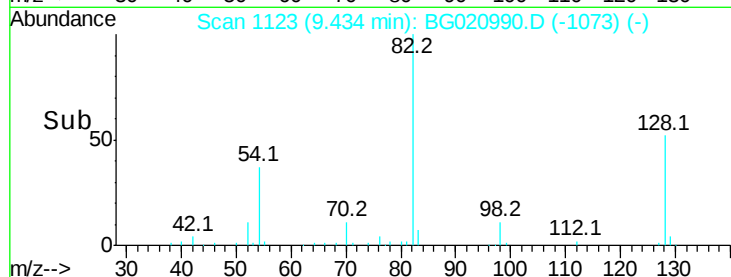
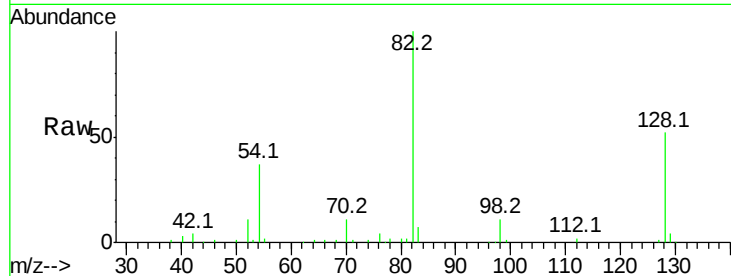




#23
Nitrobenzene-d5
Concen: 80.84 ng
RT: 9.43 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

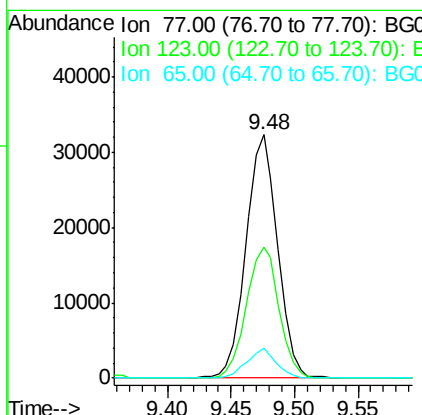
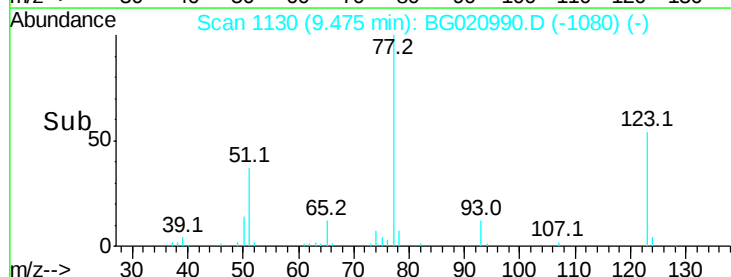
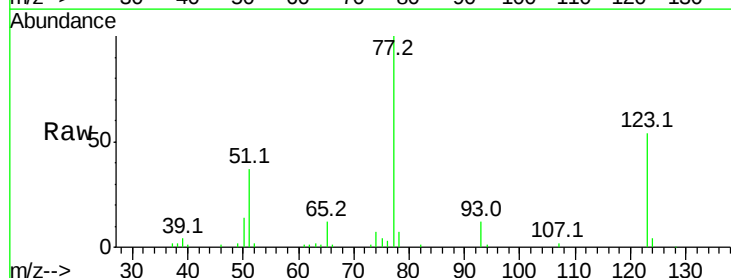
Instrument :
BNA_G
ClientSampleId :
PB88447BS

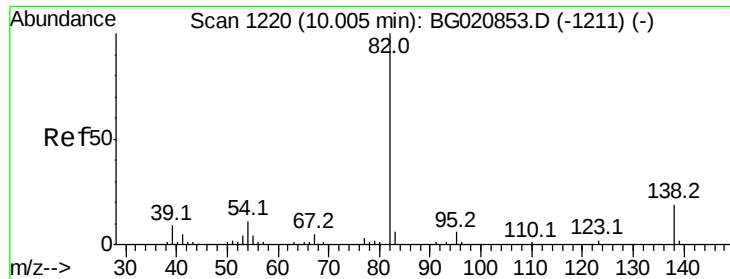
Tot Ion: 82 Resp: 114111
Ion Ratio Lower Upper
82 100
128 52.1 40.1 60.1
54 37.2 29.5 44.3



#24
Nitrobenzene
Concen: 37.96 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion: 77 Resp: 55850
Ion Ratio Lower Upper
77 100
123 53.9 43.2 64.8
65 12.1 9.2 13.8





#25

Isophorone

Concen: 37.71 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

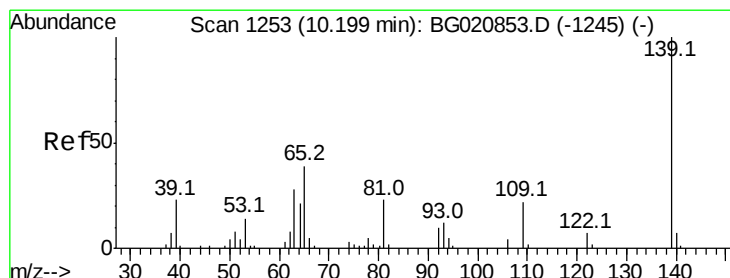
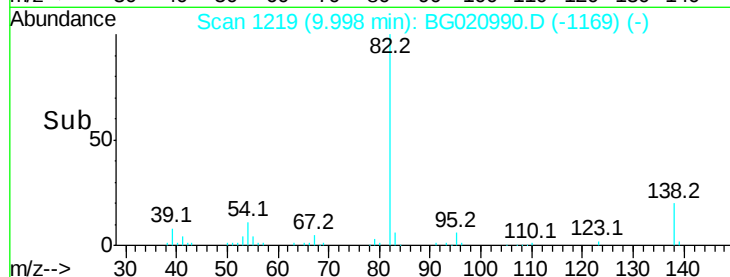
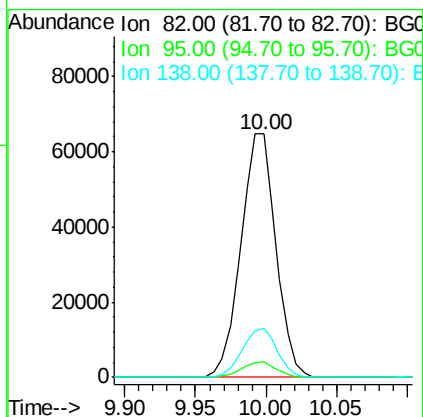
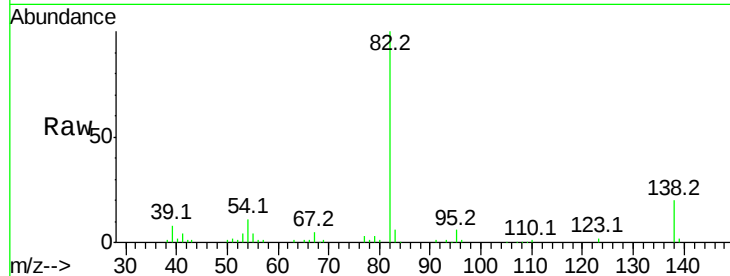
Tot Ion: 82 Resp: 112202

Ion Ratio Lower Upper

82 100

95 6.3 4.8 7.2

138 20.1 15.4 23.0



#26

2-Nitrophenol

Concen: 41.51 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

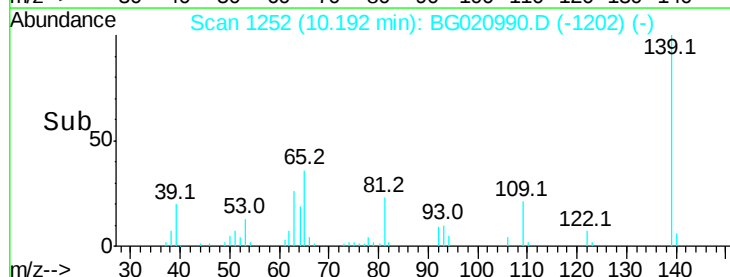
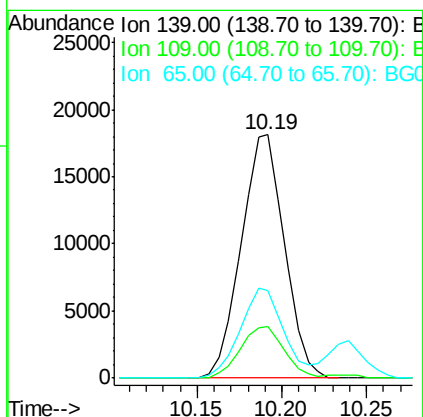
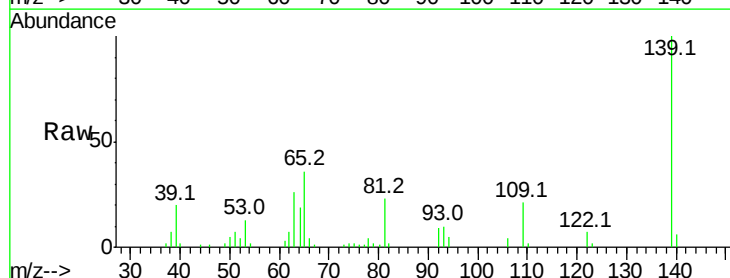
Tgt Ion: 139 Resp: 32142

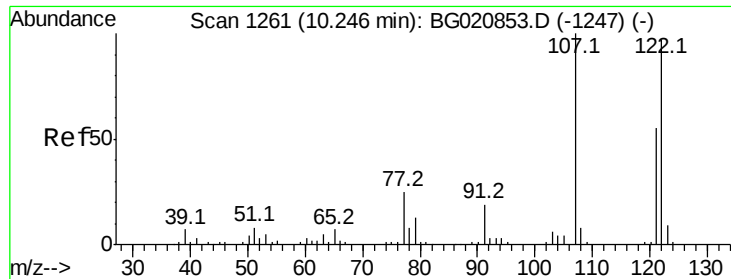
Ion Ratio Lower Upper

139 100

109 21.3 17.6 26.4

65 36.1 31.0 46.6

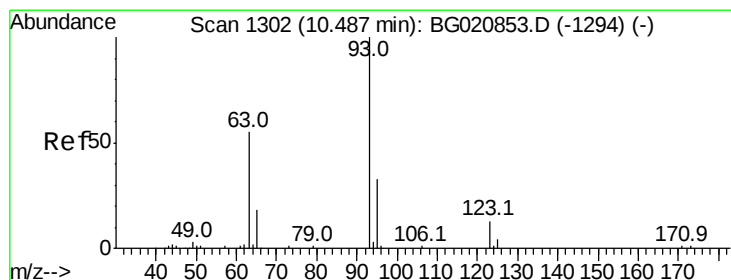
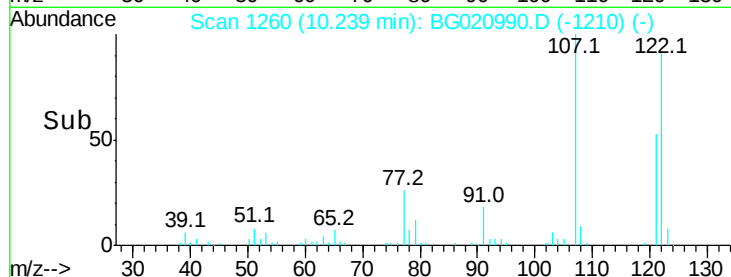
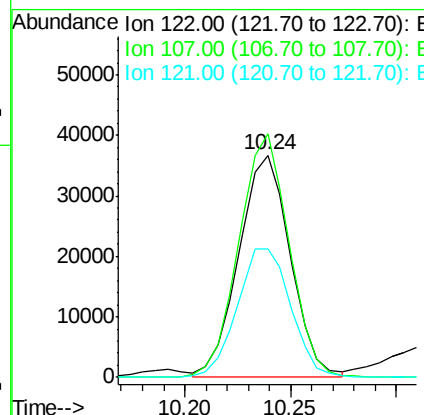
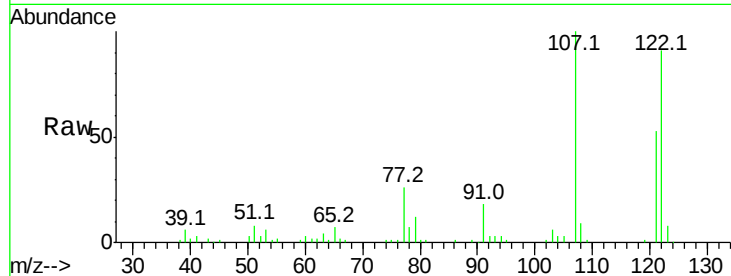




#27
 2,4-Dimethylphenol
 Concen: 41.60 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

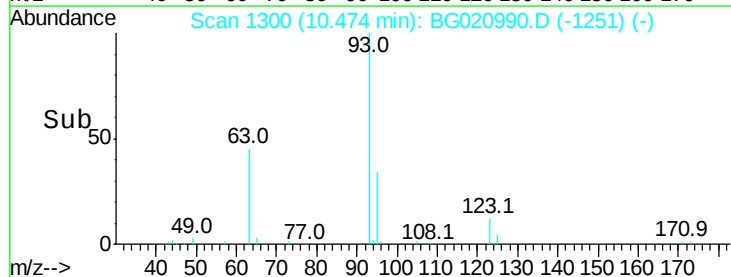
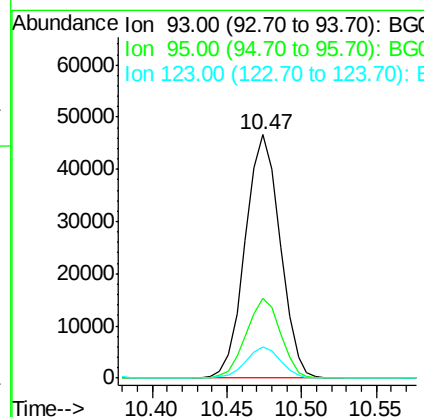
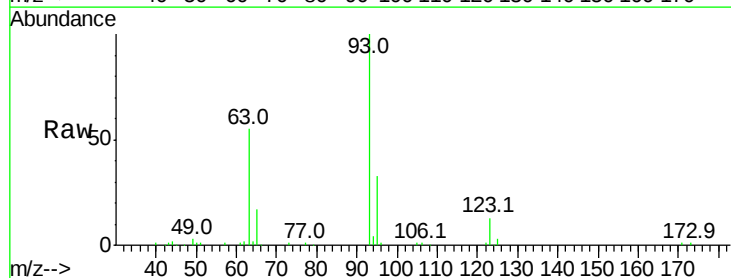
Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

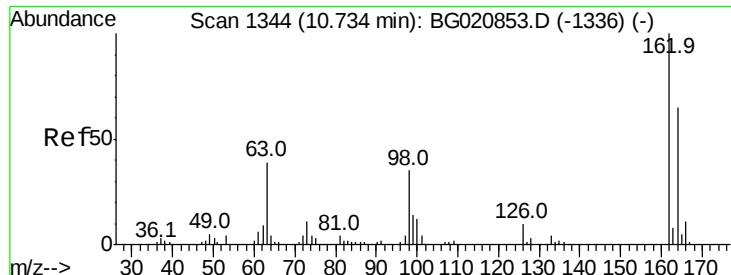
Tot Ion:122 Resp: 61723
 Ion Ratio Lower Upper
 122 100
 107 109.7 82.6 124.0
 121 58.2 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.15 ng
 RT: 10.47 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion: 93 Resp: 75440
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 12.6 10.0 15.0

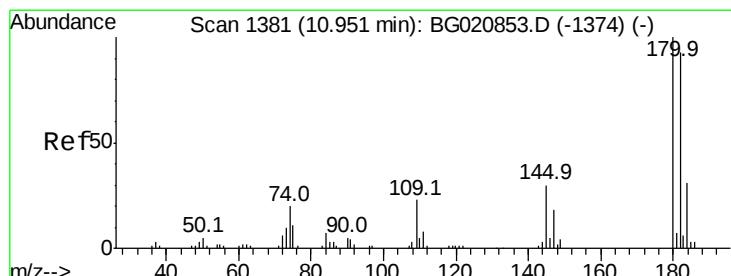
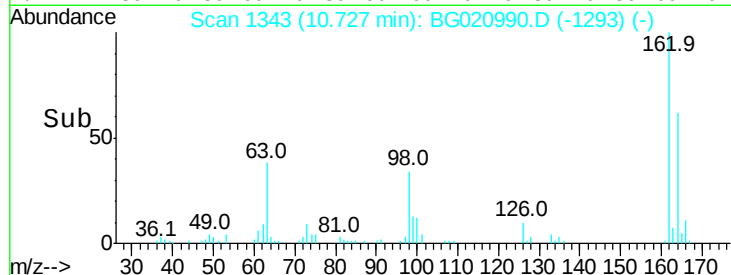
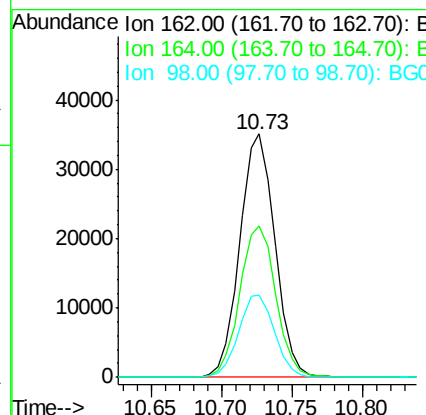
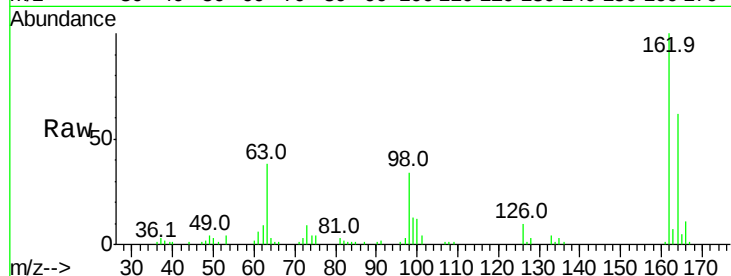




#29
 2,4-Dichlorophenol
 Concen: 45.93 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

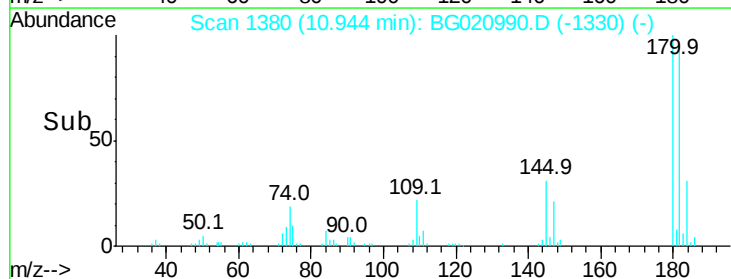
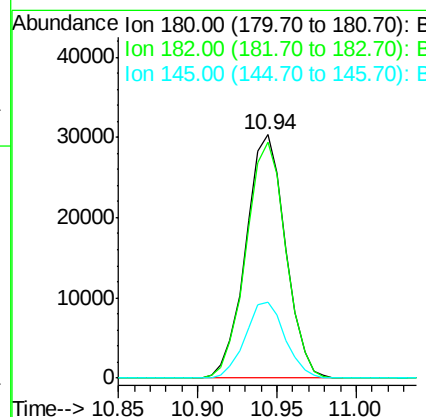
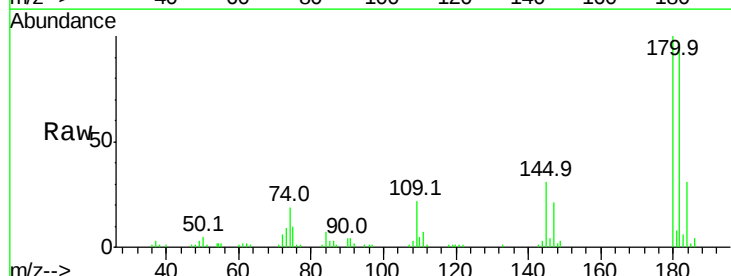
Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

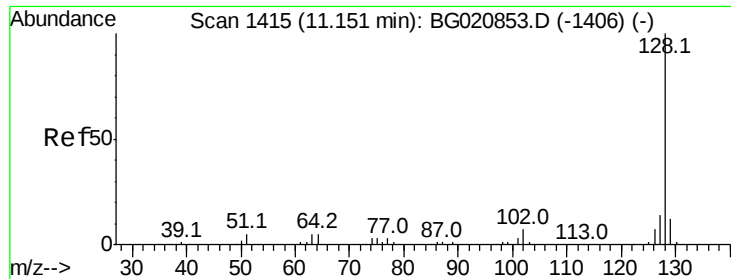
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.5	84.5
98	34.0	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.34 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.1	111.1
145	30.9	24.1	36.1

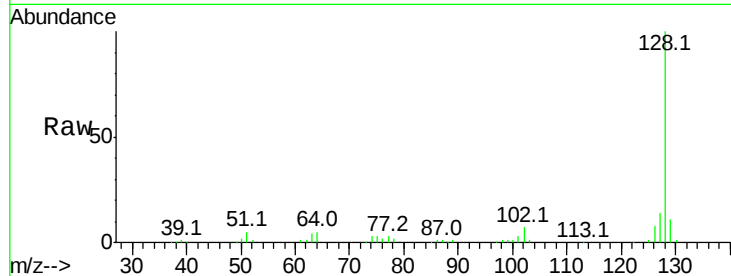




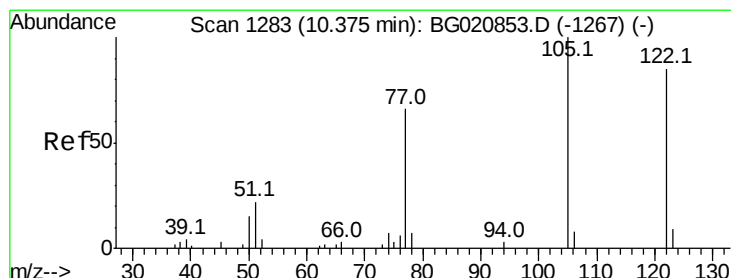
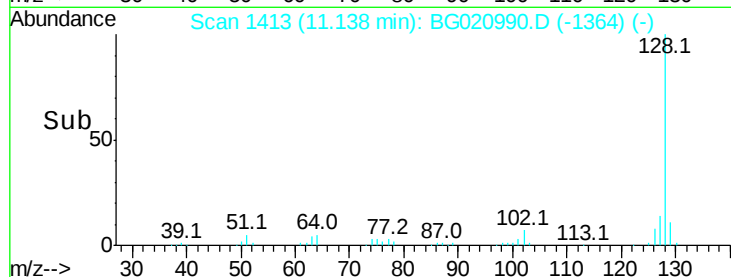
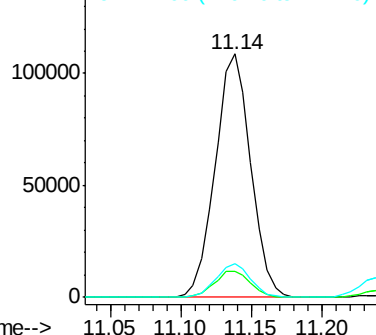
#31
Naphthalene
Concen: 39.82 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Instrument :
BNA_G
ClientSampleId :
PB88447BS

Tot Ion:128 Resp: 191196
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.8 11.4 17.2

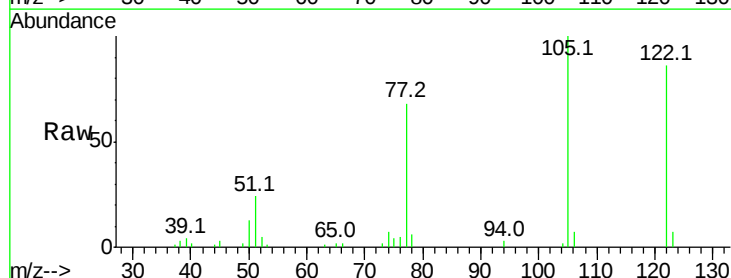


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

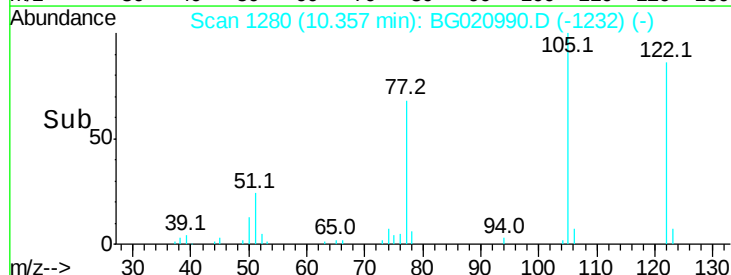
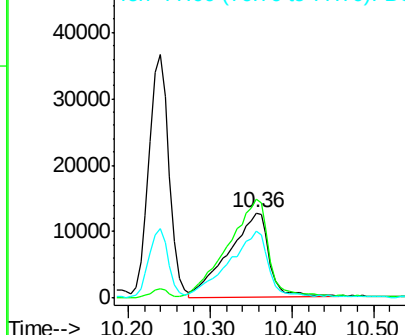


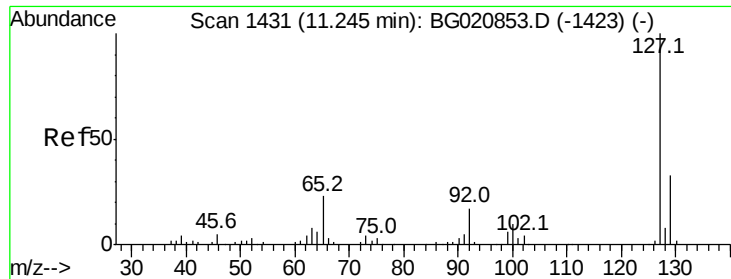
#32
Benzoic acid
Concen: 36.46 ng
RT: 10.36 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:122 Resp: 43393
Ion Ratio Lower Upper
122 100
105 116.7 94.0 134.0
77 79.1 56.8 96.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

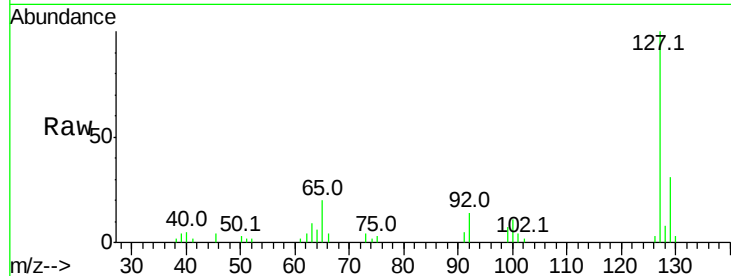




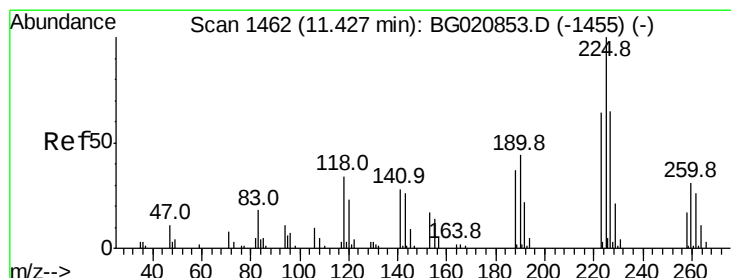
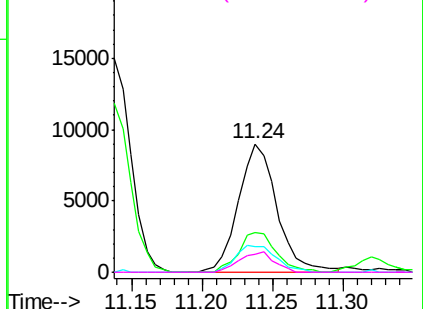
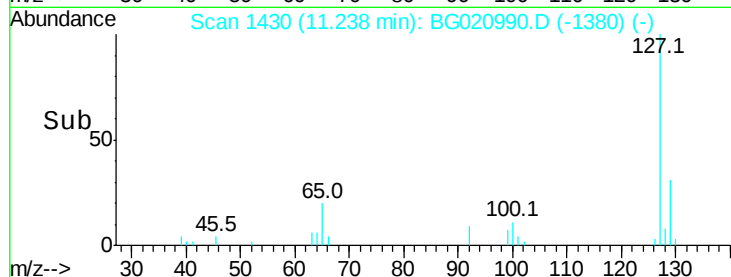
#33
4-Chloroaniline
Concen: 8.34 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Instrument :
BNA_G
ClientSampleId :
PB88447BS

Tot Ion:	127	Resp:	17218
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.4
65	20.3	18.6	27.8
92	14.4	13.3	19.9

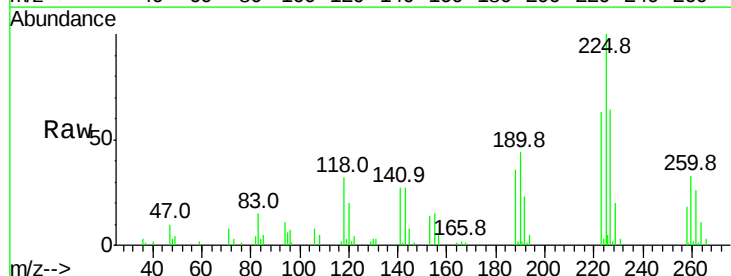


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

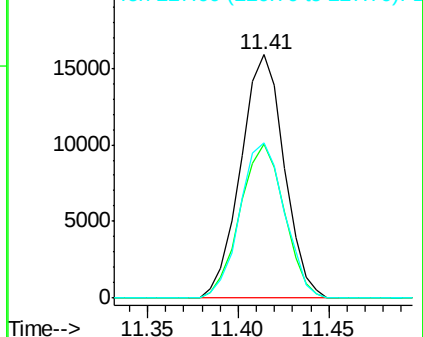
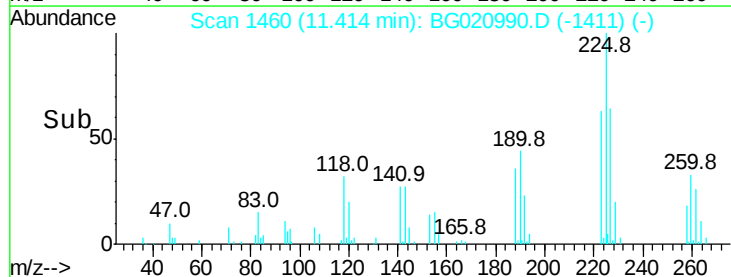


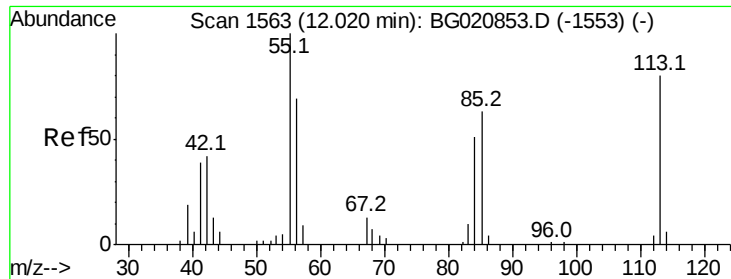
#34
Hexachlorobutadiene
Concen: 38.74 ng
RT: 11.41 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:	225	Resp:	26450
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	64.0	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: 33.41 ng

RT: 12.00 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

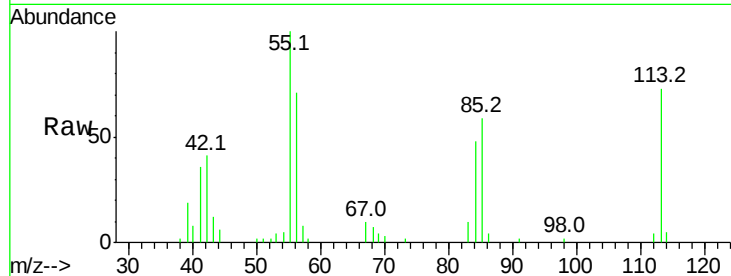
Tot Ion:113 Resp: 17026

Ion Ratio Lower Upper

113 100

55 136.1 104.4 144.4

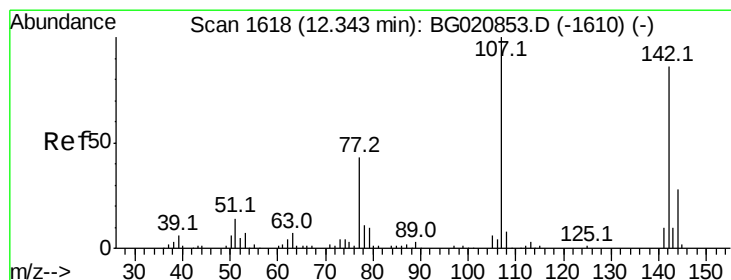
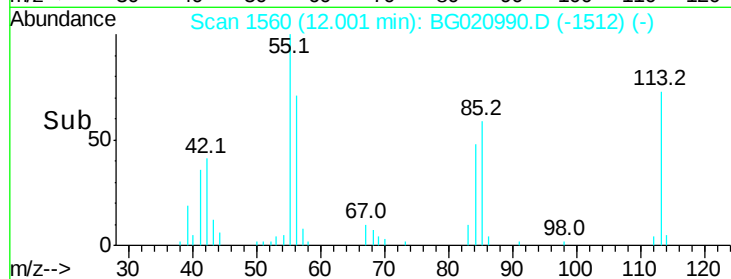
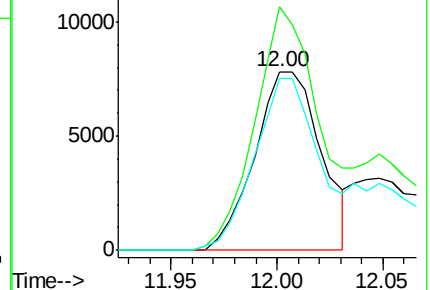
56 96.4 65.4 105.4



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: 46.34 ng

RT: 12.34 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

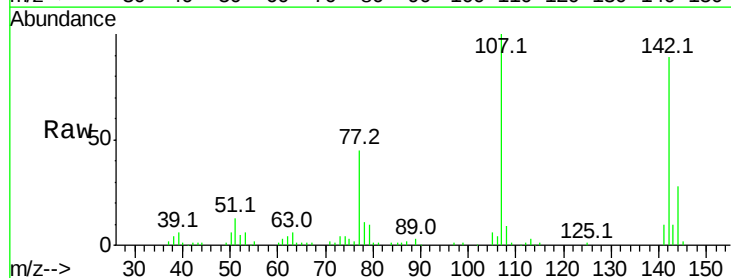
Tgt Ion:107 Resp: 70614

Ion Ratio Lower Upper

107 100

144 28.0 22.4 33.6

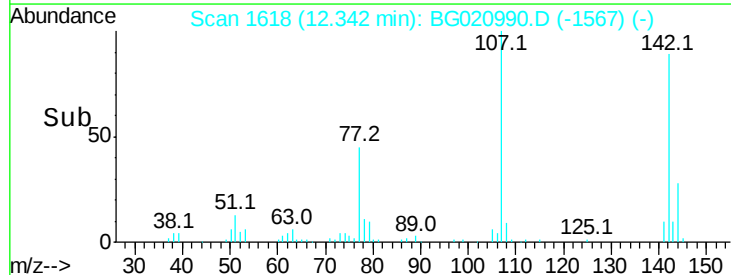
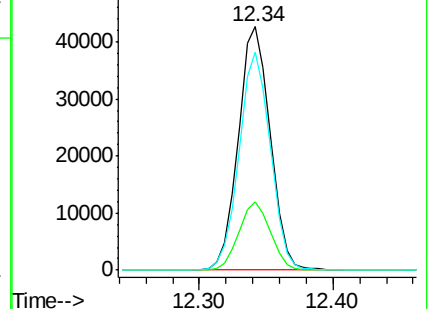
142 89.3 68.6 103.0

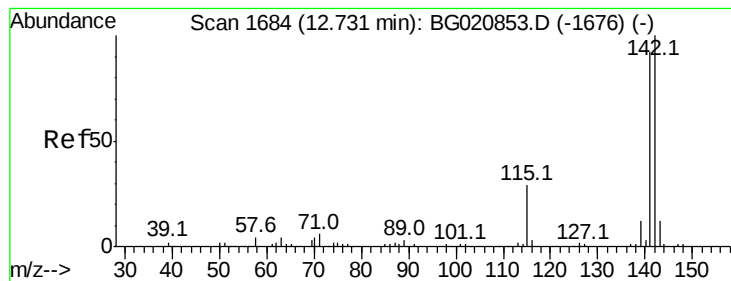


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.02 ng

RT: 12.72 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

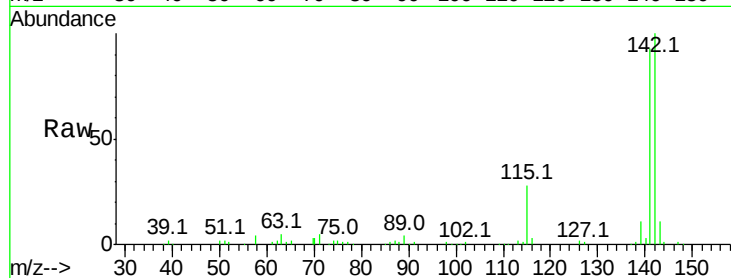
Tot Ion:142 Resp: 148283

Ion Ratio Lower Upper

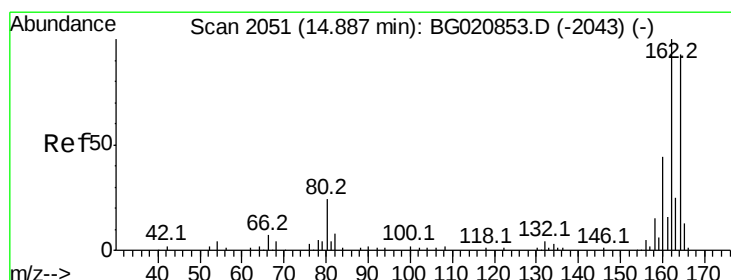
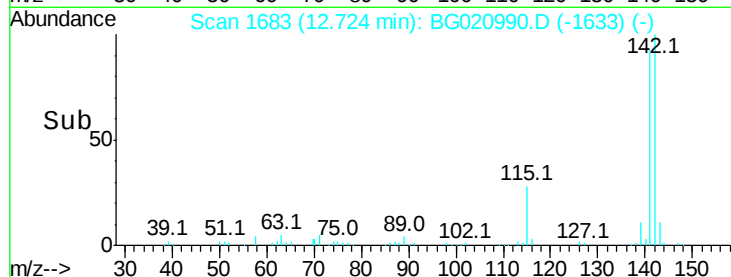
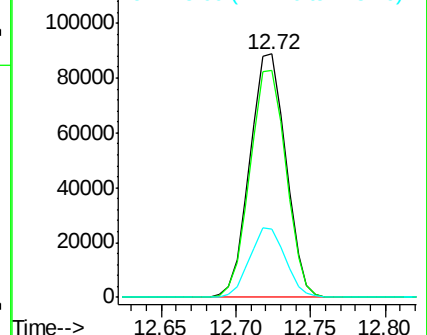
142 100

141 93.2 73.4 110.2

115 28.2 23.0 34.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.87 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

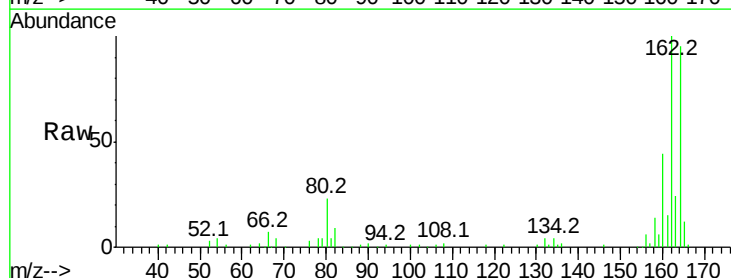
Tgt Ion:164 Resp: 61930

Ion Ratio Lower Upper

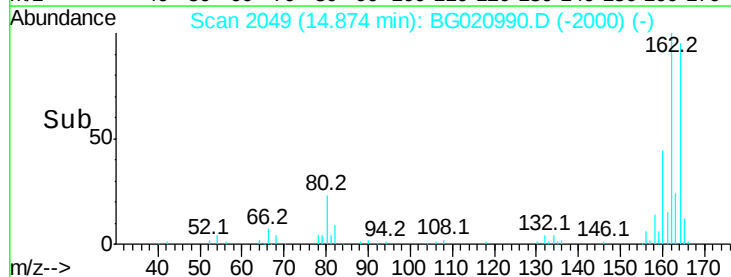
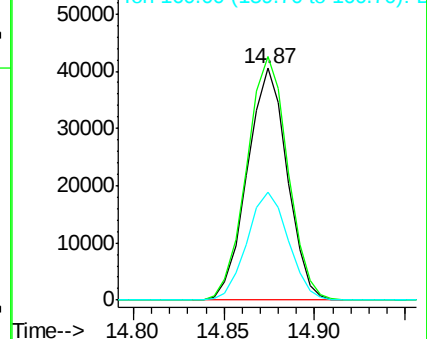
164 100

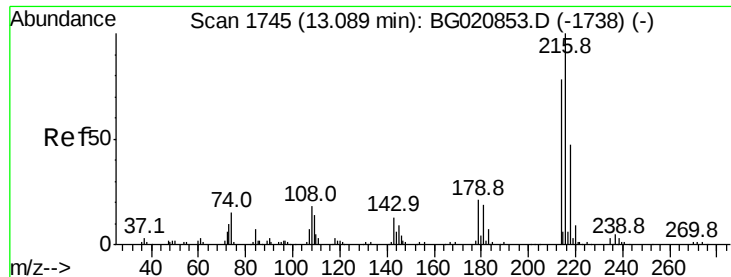
162 105.0 85.7 128.5

160 46.4 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: 34.74 ng

RT: 13.08 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

Tot Ion:216 Resp: 63109

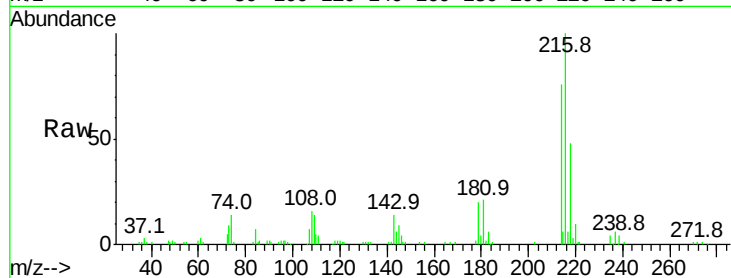
Ion Ratio Lower Upper

216 100

214 78.0 61.9 92.9

179 20.4 16.5 24.7

108 19.6 15.1 22.7

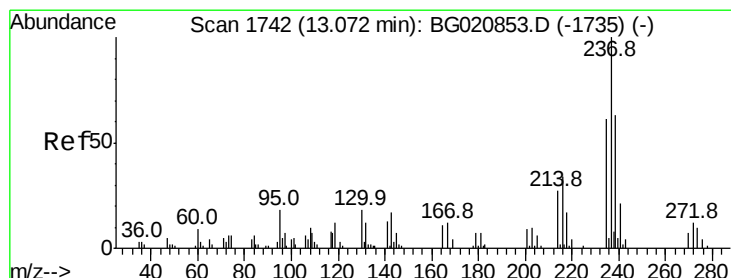
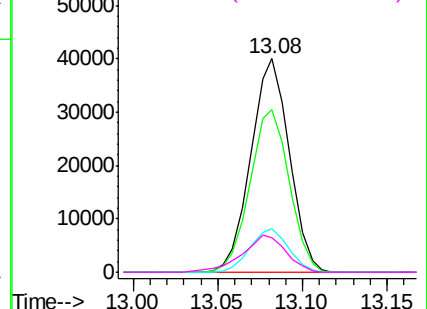
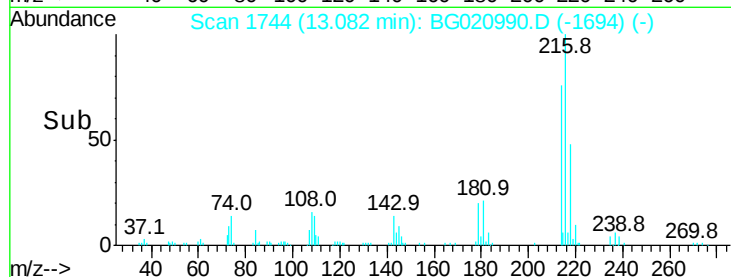


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.26 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

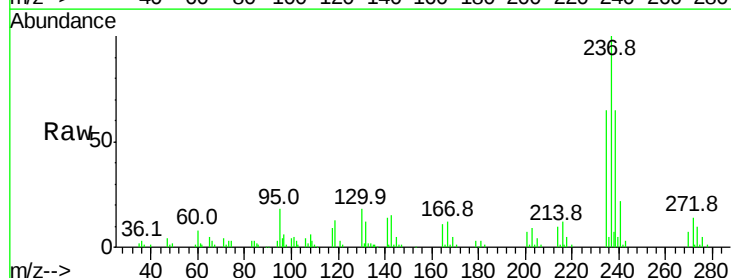
Tgt Ion:237 Resp: 56956

Ion Ratio Lower Upper

237 100

235 65.0 40.8 80.8

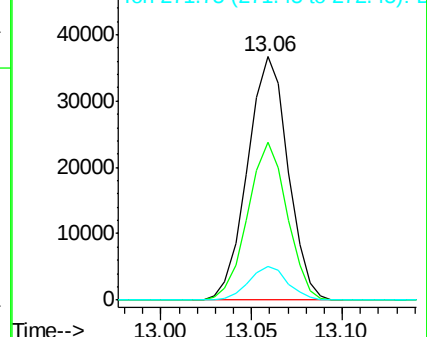
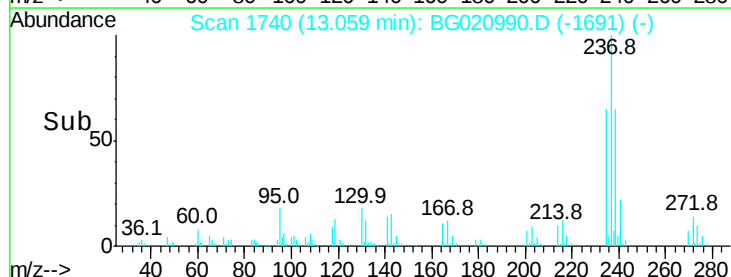
272 14.0 0.0 32.3

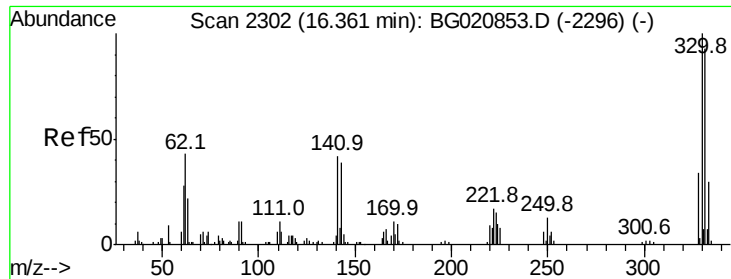


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 143.81 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

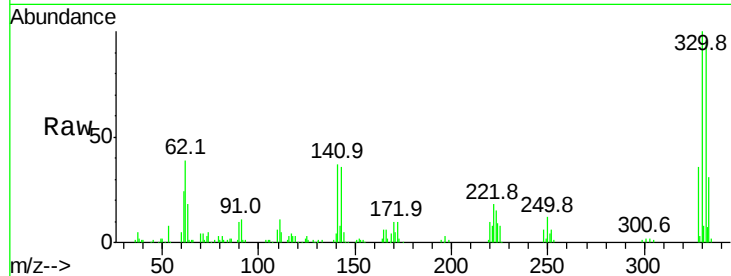
Tot Ion:330 Resp: 87581

Ion Ratio Lower Upper

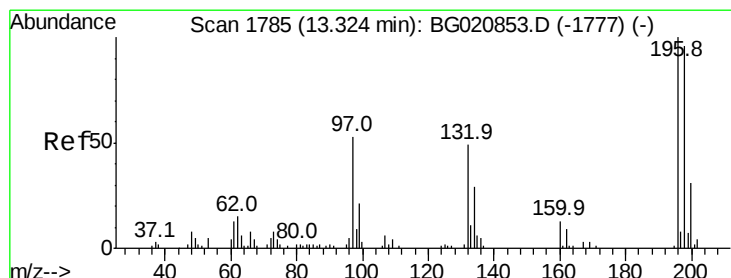
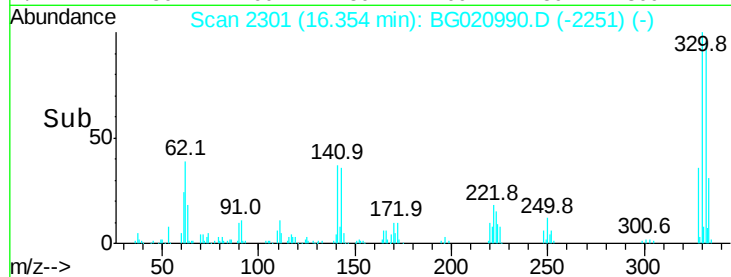
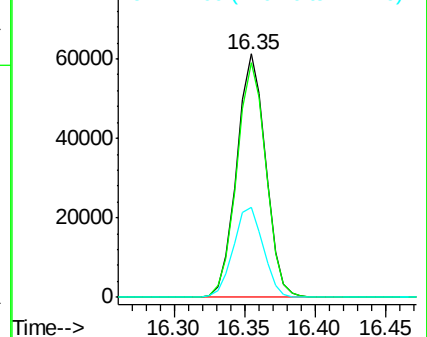
330 100

332 97.1 76.1 114.1

141 38.4 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: 41.28 ng

RT: 13.32 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

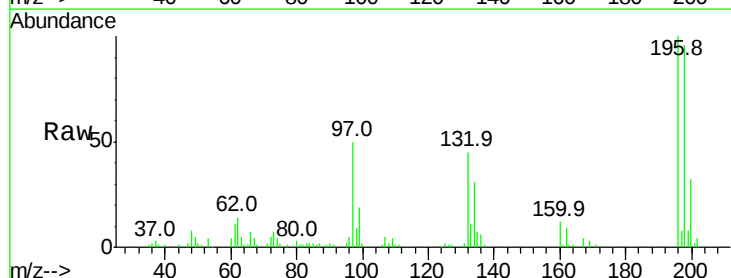
Tgt Ion:196 Resp: 50376

Ion Ratio Lower Upper

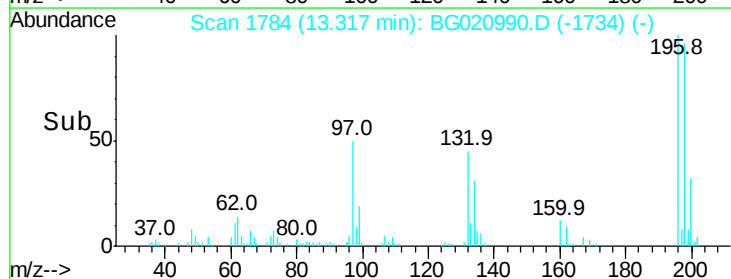
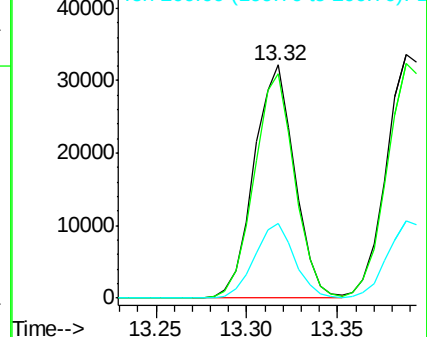
196 100

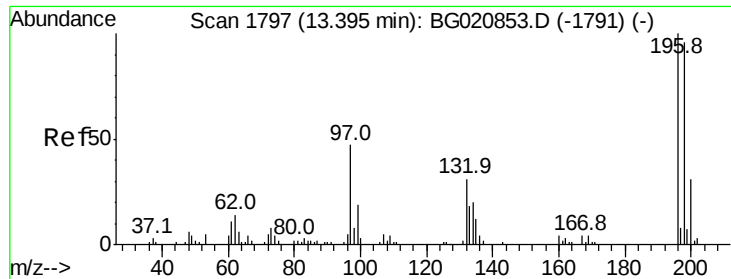
198 96.2 77.1 115.7

200 32.2 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

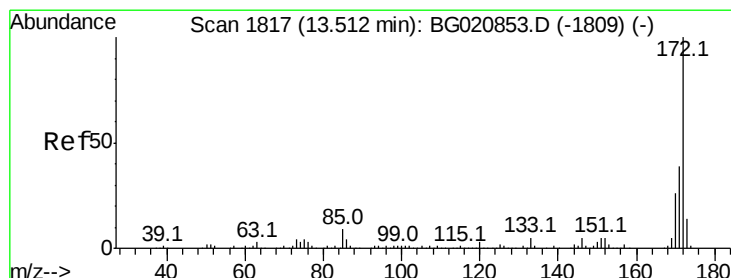
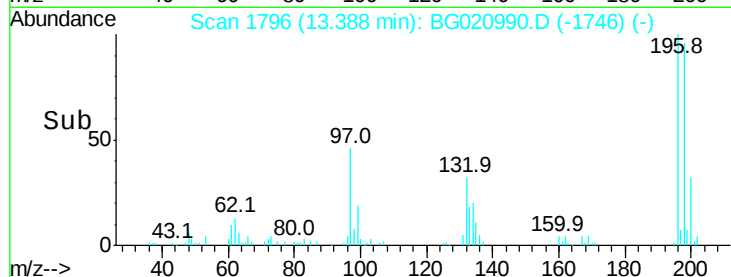
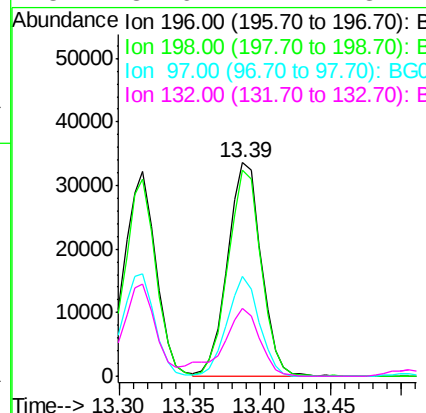
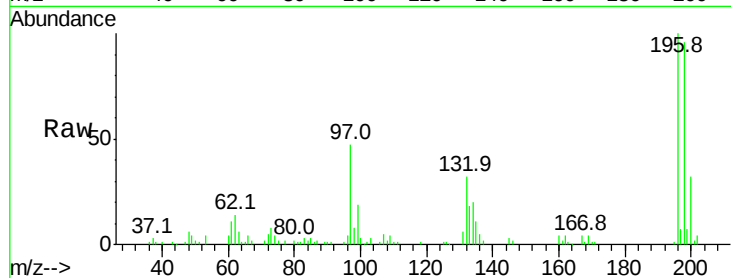




#43
 2,4,5-Trichlorophenol
 Concen: 43.51 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

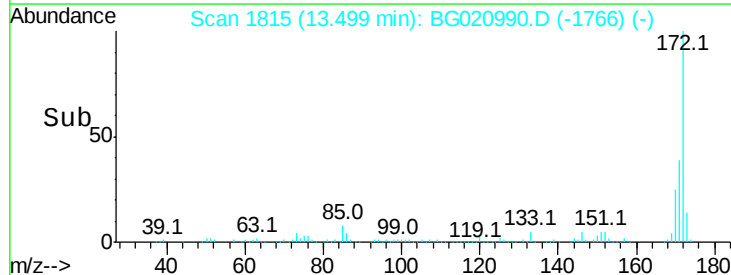
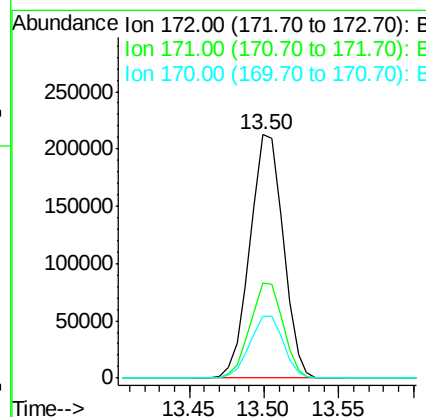
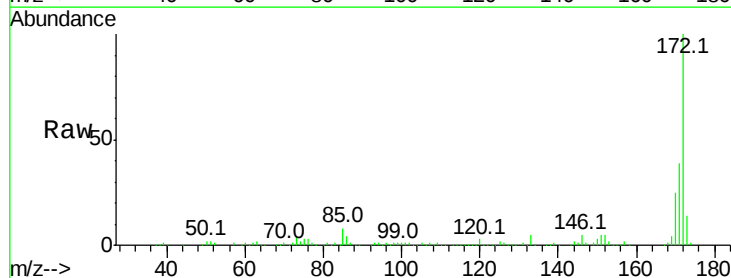
Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

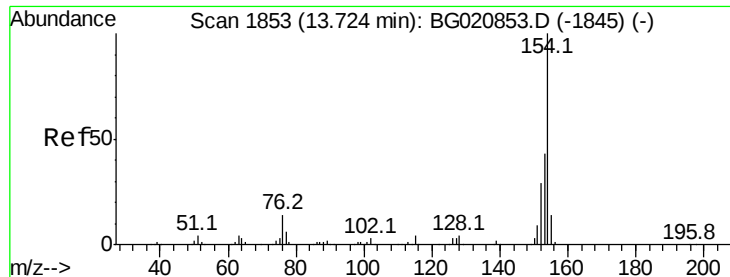
Tot Ion:	196	Resp:	55829
Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.4	114.6
97	46.9	37.4	56.0
132	31.6	24.7	37.1



#44
 2-Fluorobiphenyl
 Concen: 74.18 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion:	172	Resp:	327053
Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.2	46.8
170	25.4	20.6	30.8





#45

1,1'-Biphenyl

Concen: 35.08 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

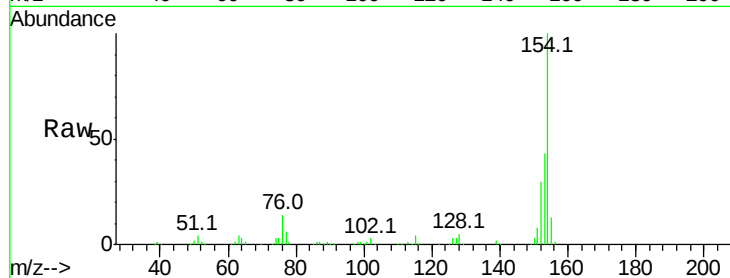
Tot Ion:154 Resp: 191634

Ion Ratio Lower Upper

154 100

153 42.7 22.5 62.5

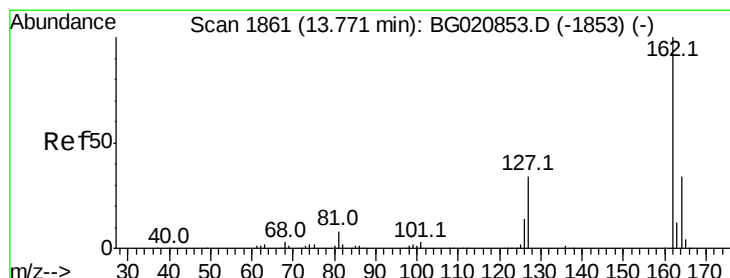
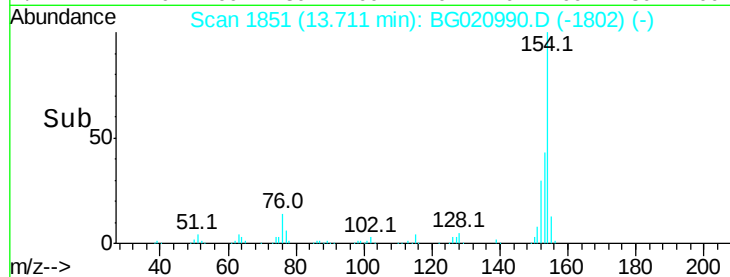
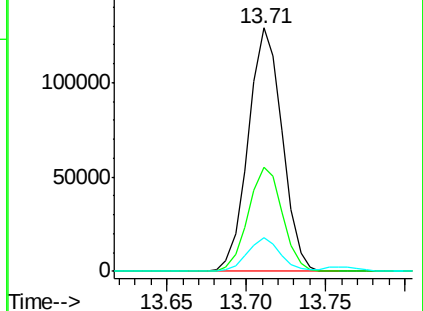
76 13.7 0.0 33.8



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: 37.03 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

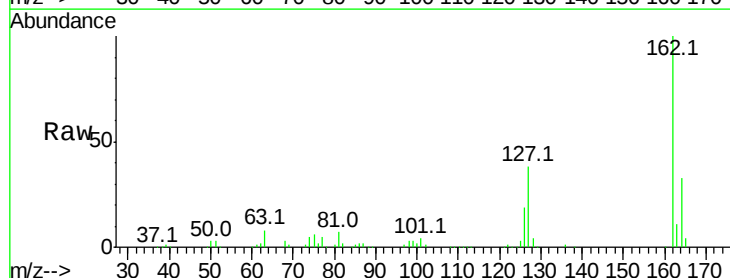
Tgt Ion:162 Resp: 144848

Ion Ratio Lower Upper

162 100

127 38.5 30.6 45.8

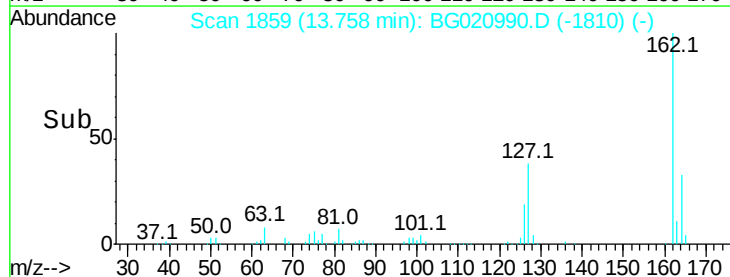
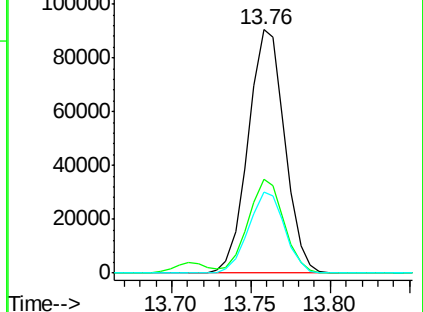
164 33.3 26.8 40.2

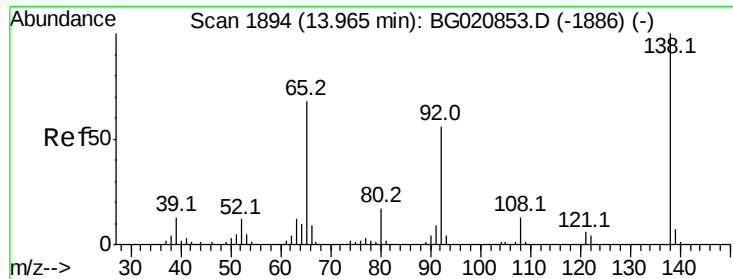


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

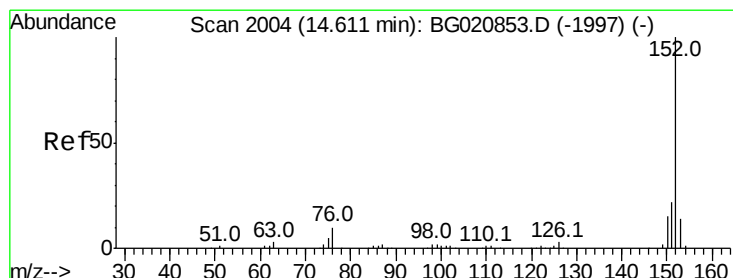
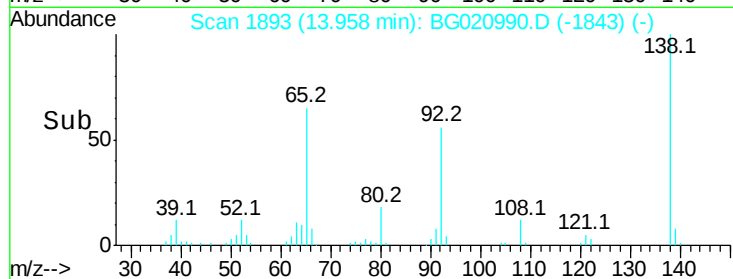
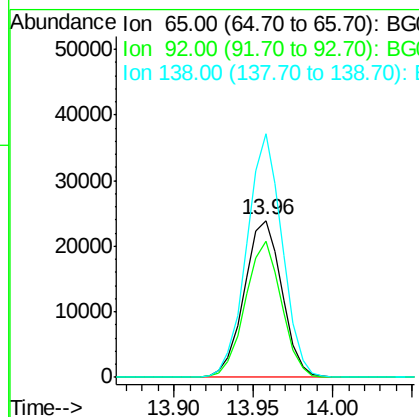
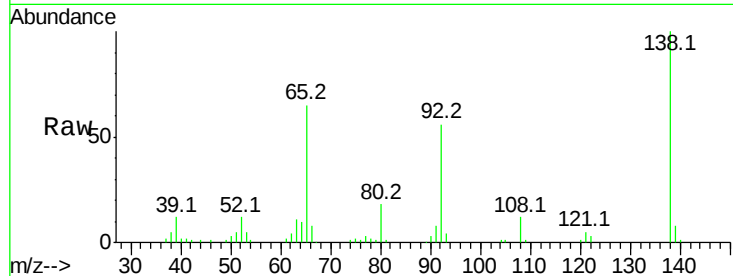




#47
2-Nitroaniline
Concen: 42.09 ng
RT: 13.96 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

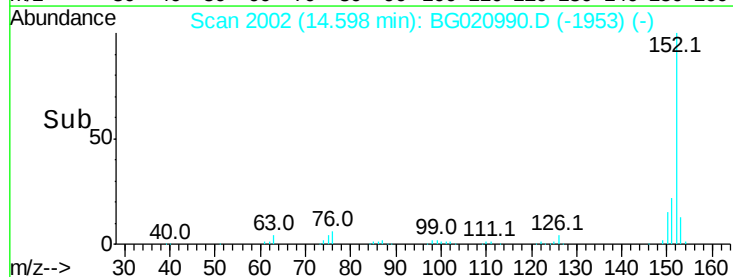
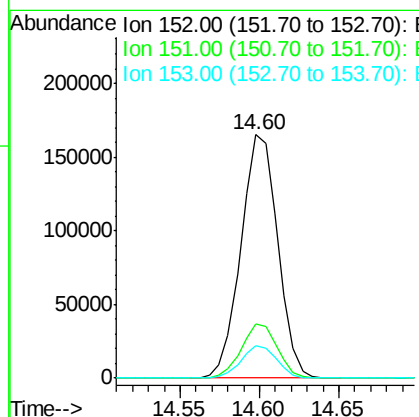
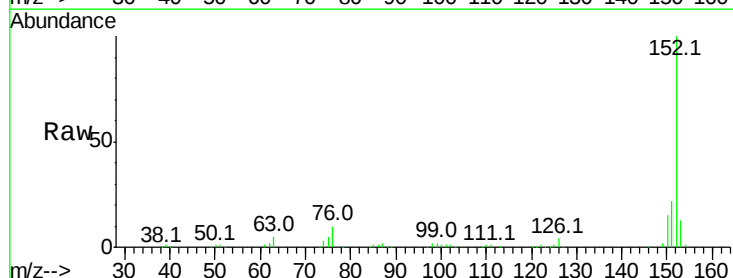
Instrument :
BNA_G
ClientSampleId :
PB88447BS

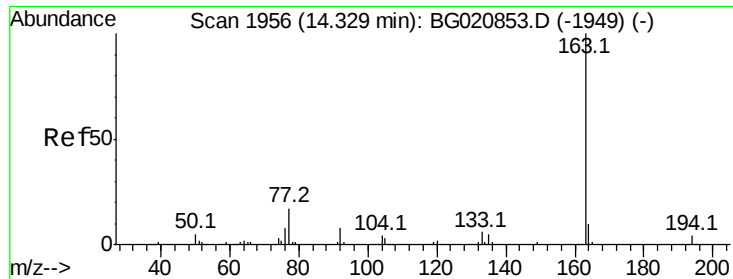
Tot Ion: 65 Resp: 39423
Ion Ratio Lower Upper
65 100
92 86.2 65.8 98.8
138 154.9 117.1 175.7



#48
Acenaphthylene
Concen: 39.03 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion: 152 Resp: 265428
Ion Ratio Lower Upper
152 100
151 22.2 17.5 26.3
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 40.93 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

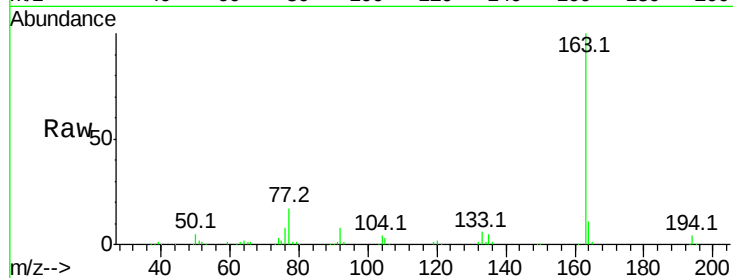
Tot Ion:163 Resp: 198188

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

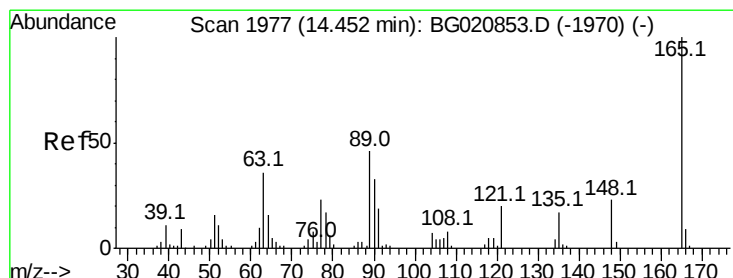
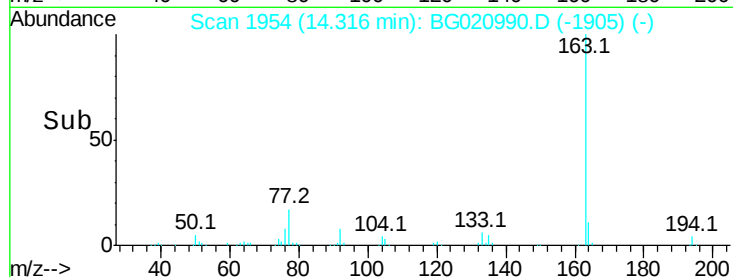
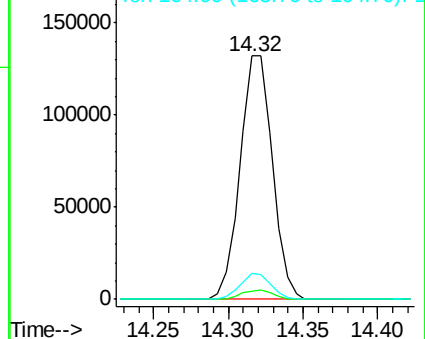
164 10.7 8.3 12.5



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: 43.85 ng

RT: 14.45 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

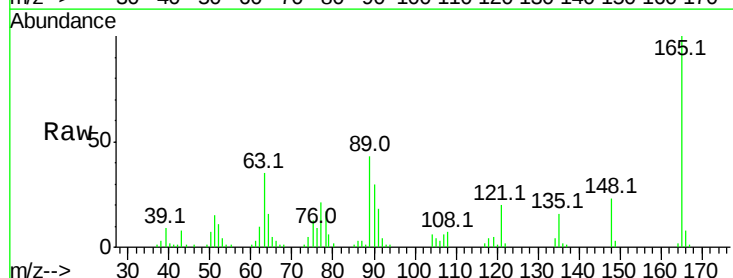
Tgt Ion:165 Resp: 45510

Ion Ratio Lower Upper

165 100

63 35.4 30.3 45.5

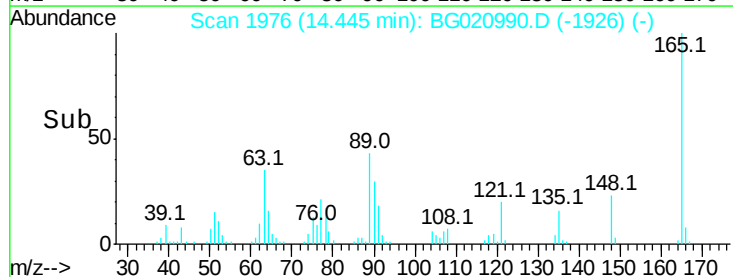
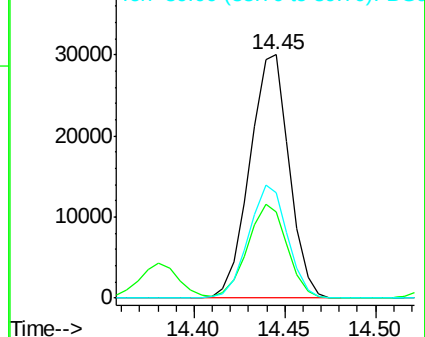
89 43.4 36.9 55.3

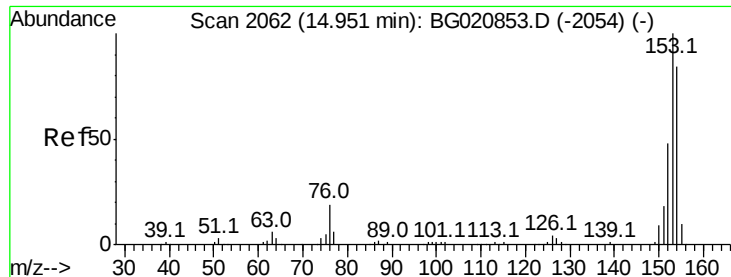


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.48 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

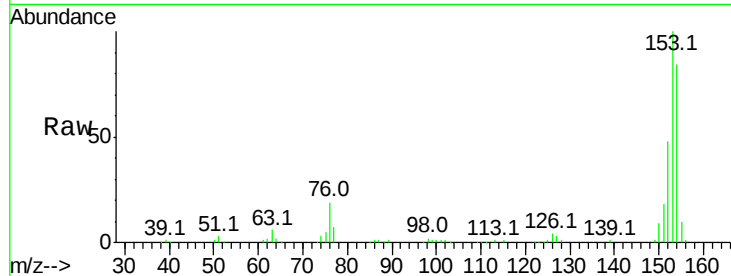
Tot Ion:154 Resp: 162814

Ion Ratio Lower Upper

154 100

153 118.8 95.4 143.0

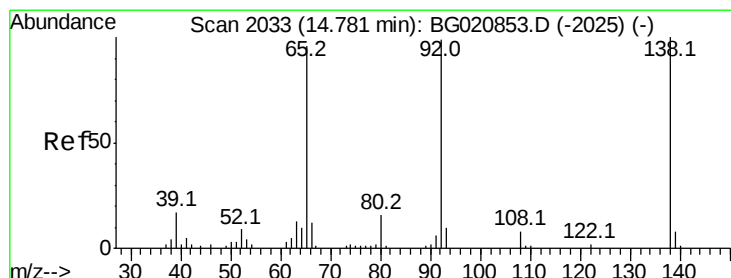
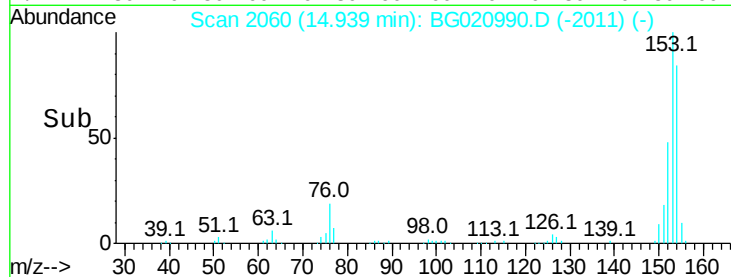
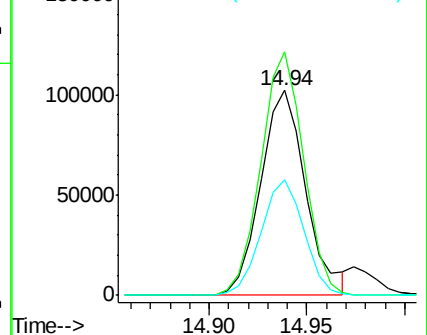
152 56.7 46.1 69.1



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: 21.27 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

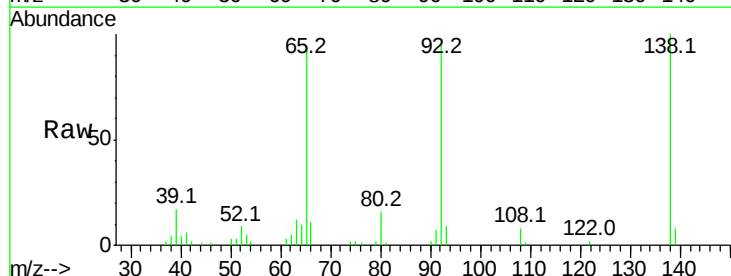
Tgt Ion:138 Resp: 25648

Ion Ratio Lower Upper

138 100

108 8.1 6.2 9.2

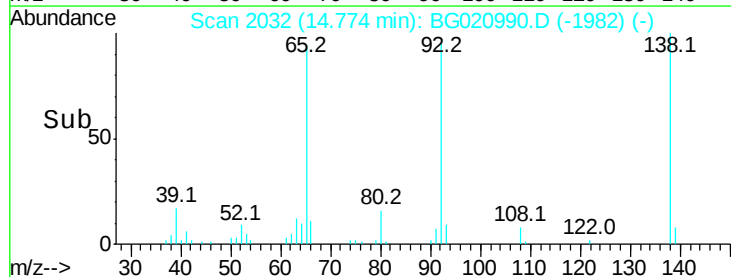
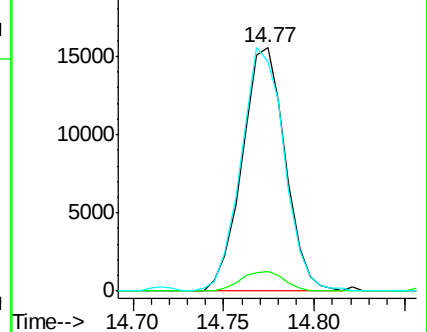
92 94.5 79.5 119.3

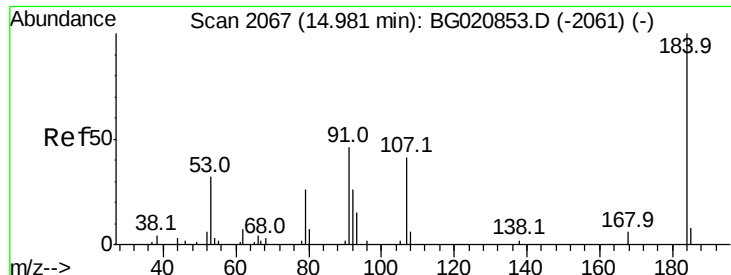


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

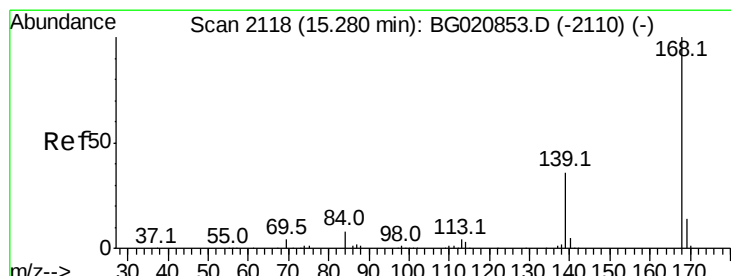
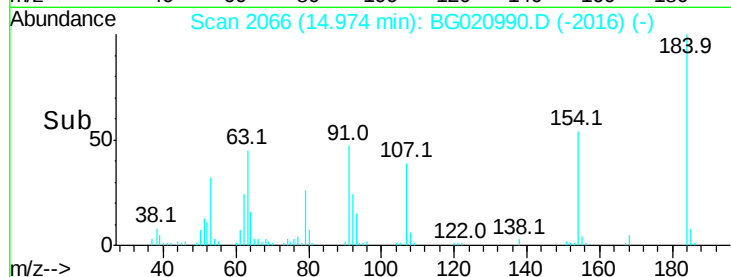
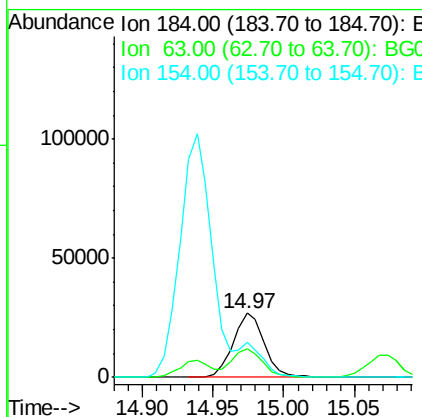
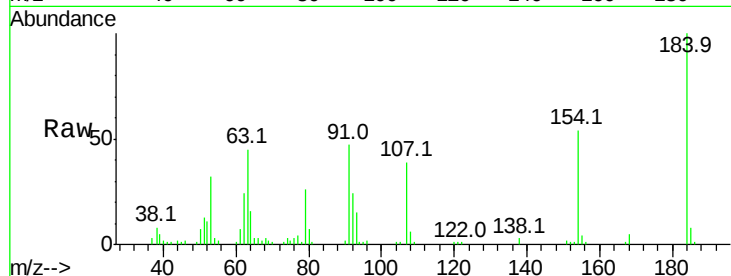




#53
 2,4-Dinitrophenol
 Concen: 92.34 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

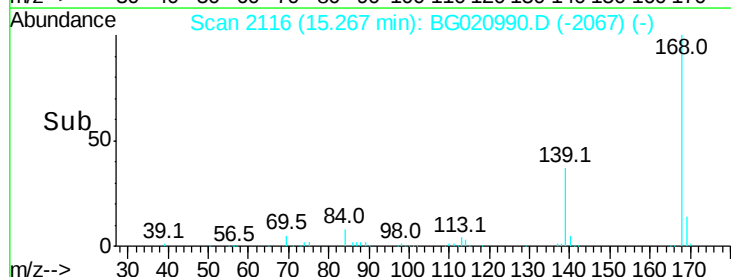
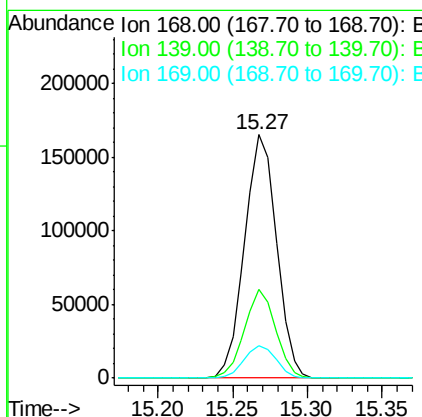
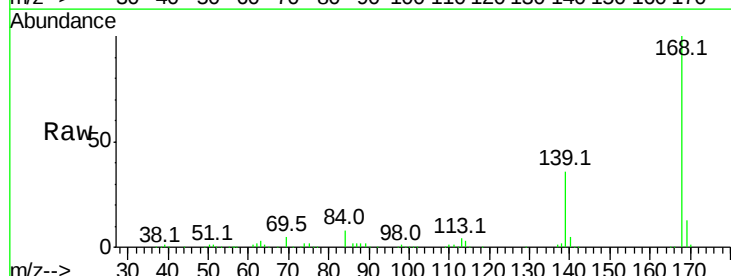
Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

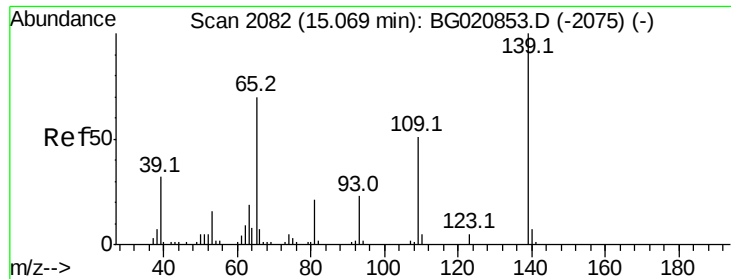
Tot Ion:184 Resp: 41272
 Ion Ratio Lower Upper
 184 100
 63 44.9 39.8 59.6
 154 53.6 48.1 72.1



#54
 Dibenzofuran
 Concen: 45.00 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion:168 Resp: 245470
 Ion Ratio Lower Upper
 168 100
 139 36.4 28.5 42.7
 169 13.4 11.0 16.4

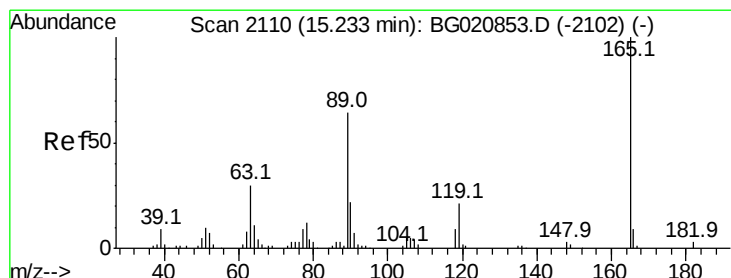
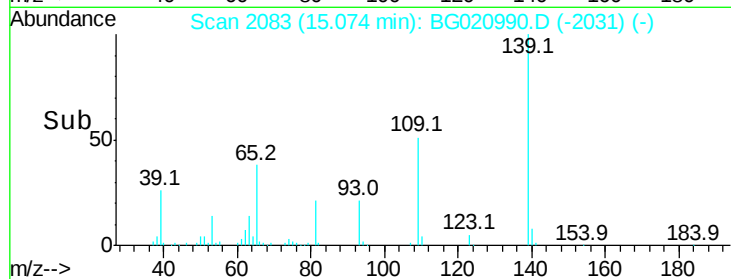
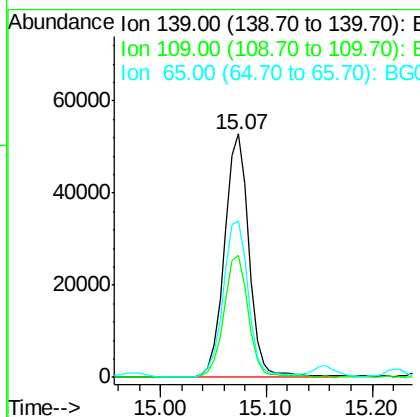
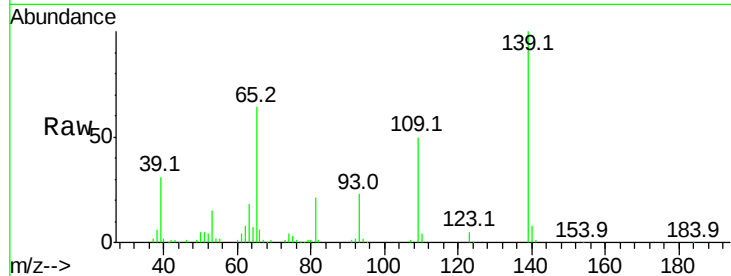




#55
4-Nitrophenol
Concen: 93.24 ng
RT: 15.07 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

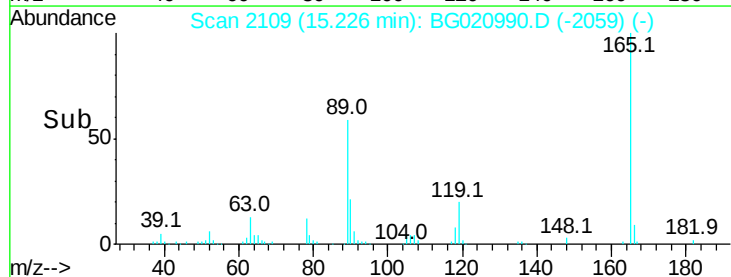
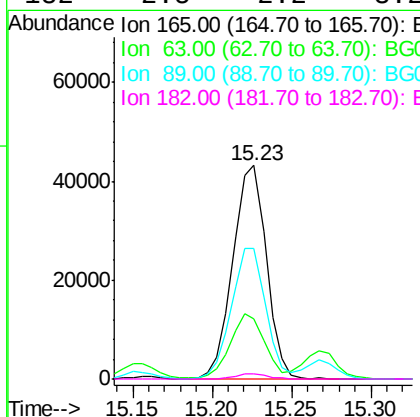
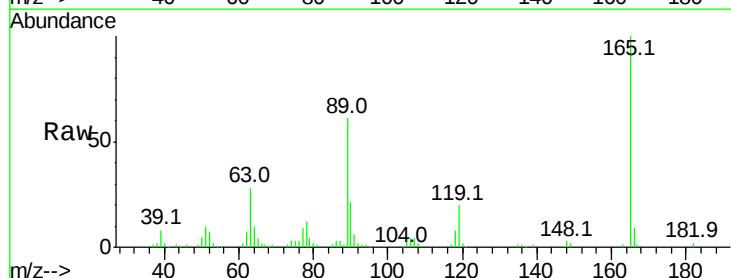
Instrument :
BNA_G
ClientSampleId :
PB88447BS

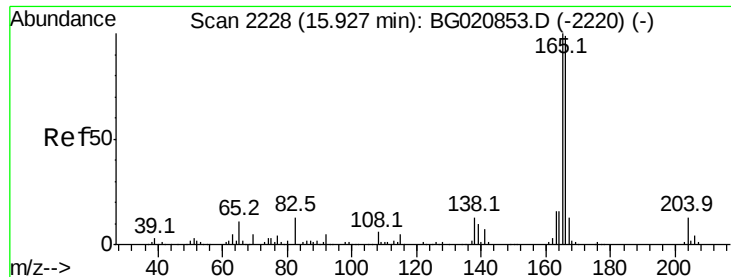
Tot Ion:139 Resp: 84913
Ion Ratio Lower Upper
139 100
109 50.0 31.0 71.0
65 64.4 49.6 89.6



#56
2,4-Dinitrotoluene
Concen: 47.37 ng
RT: 15.23 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:165 Resp: 63537
Ion Ratio Lower Upper
165 100
63 27.9 23.7 35.5
89 61.0 50.9 76.3
182 2.5 2.2 3.2





#57

Fluorene

Concen: 42.53 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

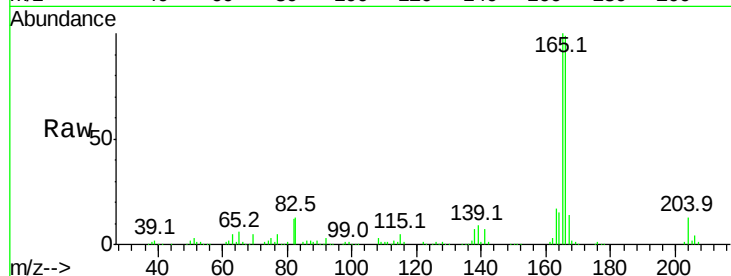
Tot Ion:166 Resp: 213638

Ion Ratio Lower Upper

166 100

165 101.0 81.0 121.4

167 13.7 10.8 16.2

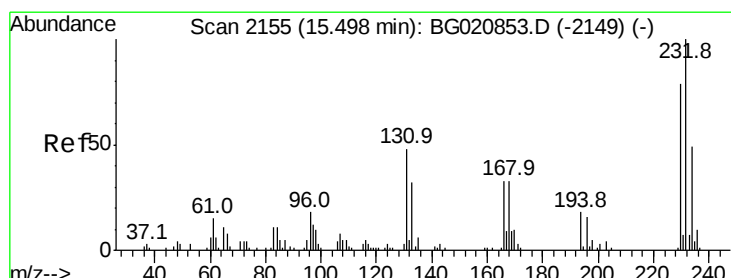
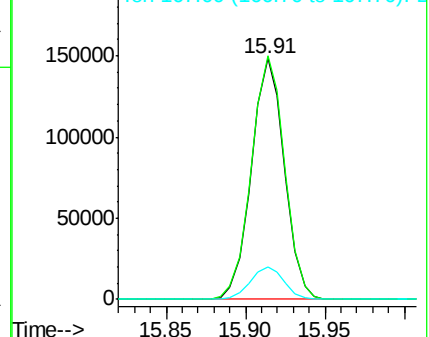
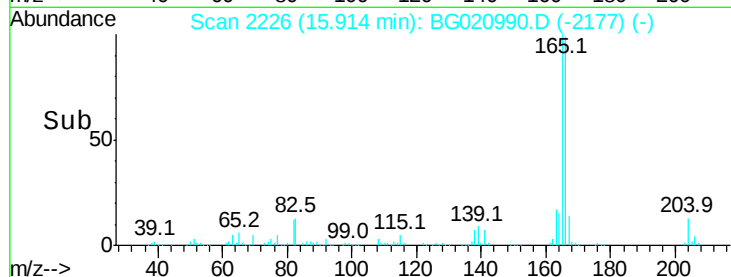


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.77 ng

RT: 15.49 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Tgt Ion:232 Resp: 49635

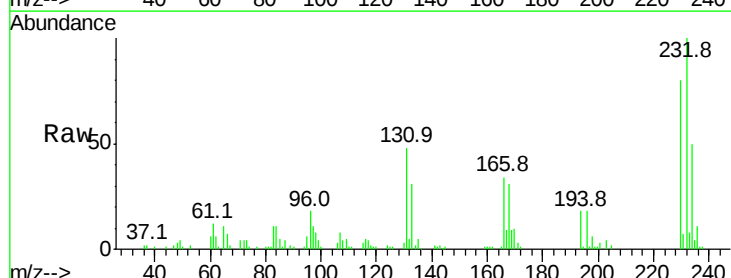
Ion Ratio Lower Upper

232 100

131 47.2 39.2 58.8

130 2.3 2.0 3.0

166 33.2 25.8 38.8



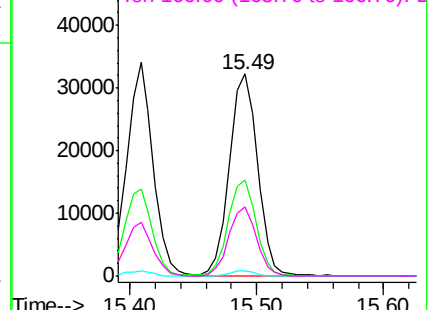
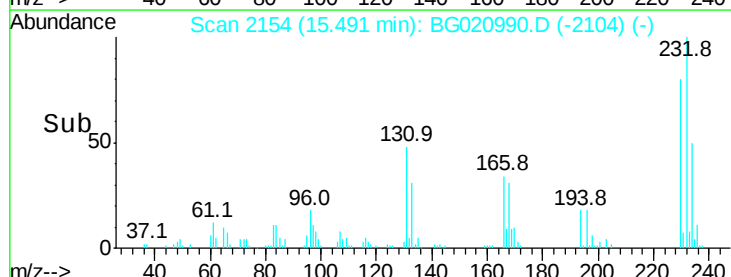
Abundance

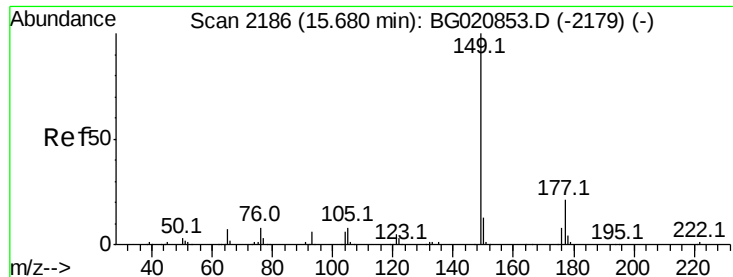
Ion 232.00 (231.70 to 232.70): E

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

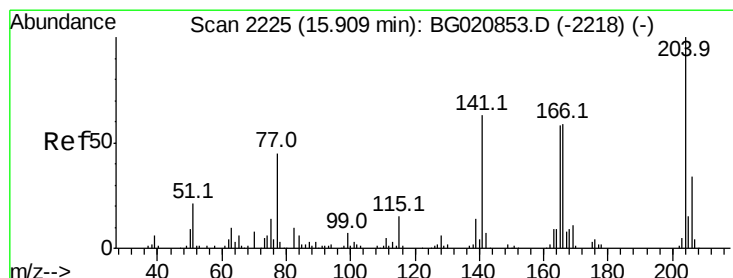
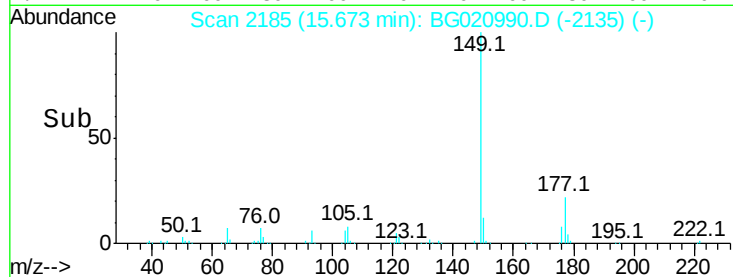
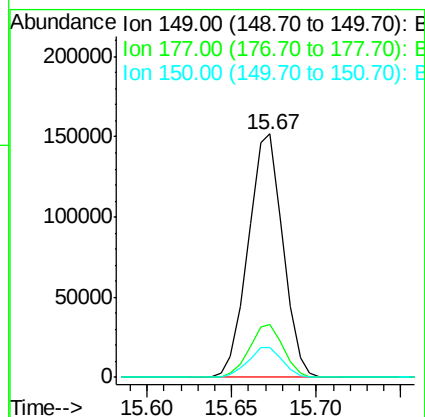
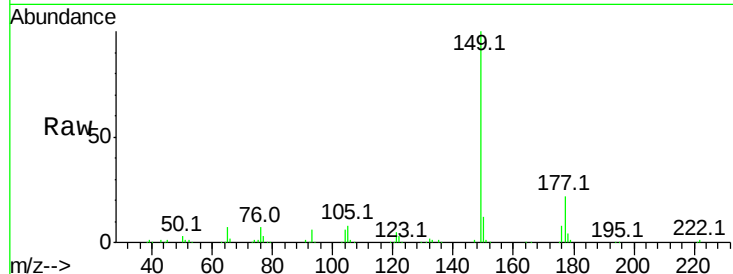




#59
Diethylphthalate
Concen: 43.41 ng
RT: 15.67 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

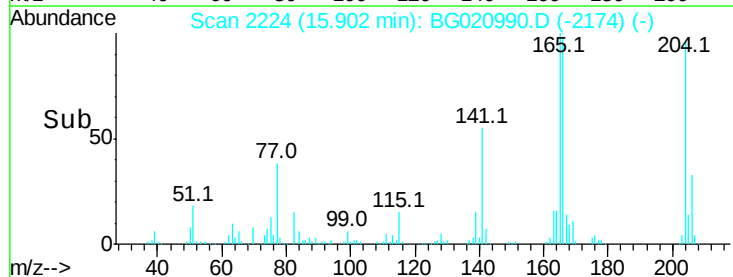
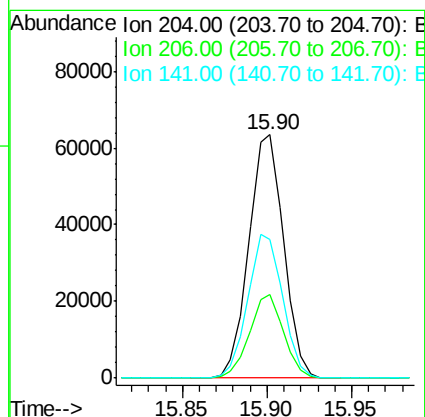
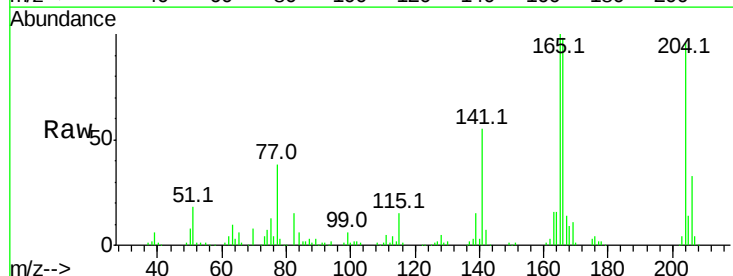
Instrument :
BNA_G
ClientSampleId :
PB88447BS

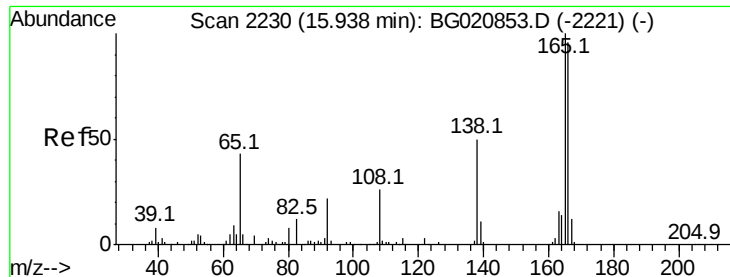
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	12.1	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.77 ng
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.9	40.3
141	57.2	50.3	75.5

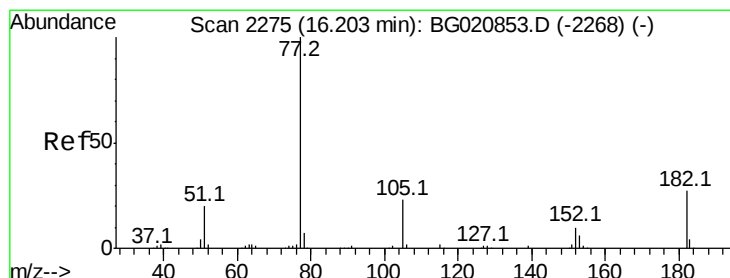
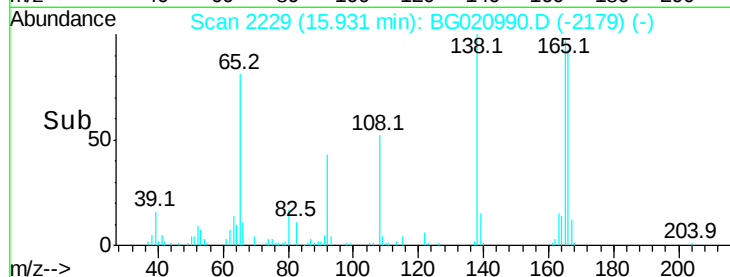
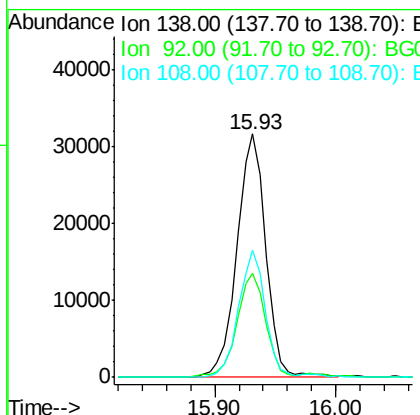
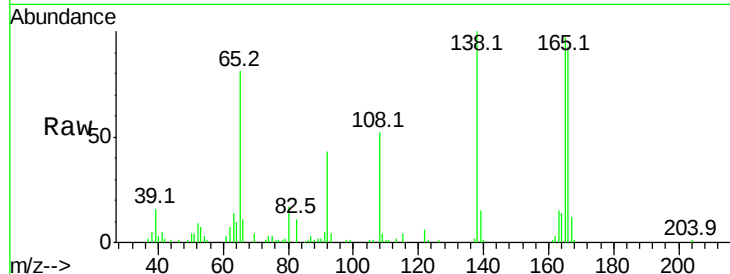




#61
4-Nitroaniline
Concen: 43.59 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

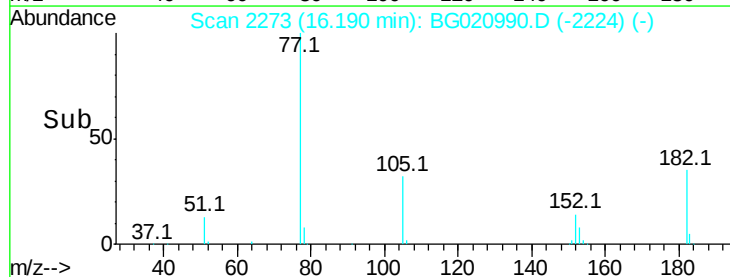
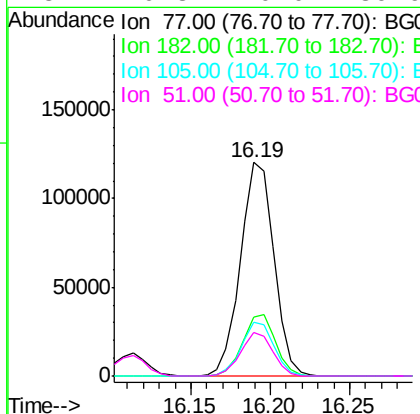
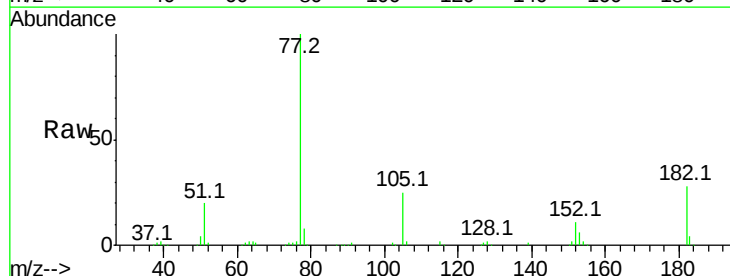
Instrument :
BNA_G
ClientSampleId :
PB88447BS

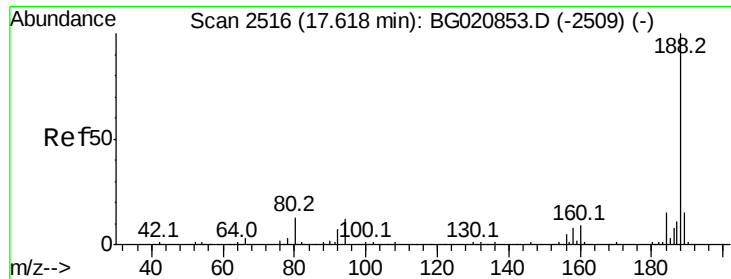
Tot Ion:138 Resp: 52761
Ion Ratio Lower Upper
138 100
92 42.6 24.1 64.1
108 52.3 32.4 72.4



#62
Azobenzene
Concen: 45.06 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion: 77 Resp: 176364
Ion Ratio Lower Upper
77 100
182 27.8 6.8 46.8
105 25.1 3.4 43.4
51 20.3 0.0 39.9

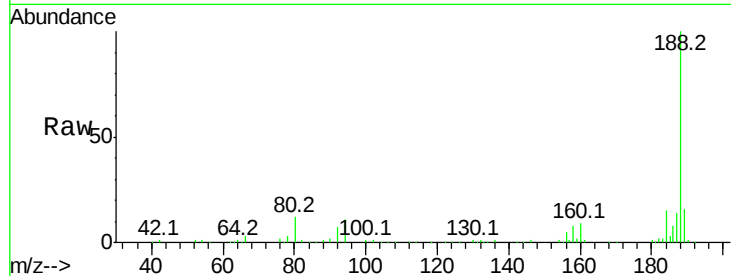




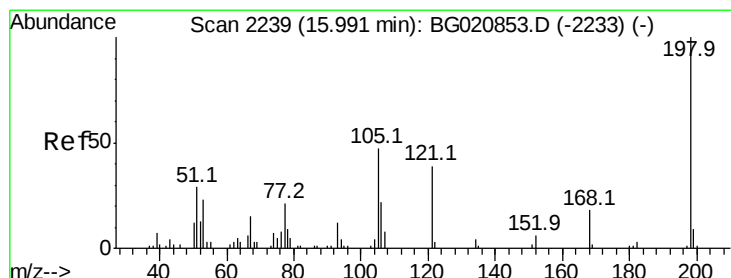
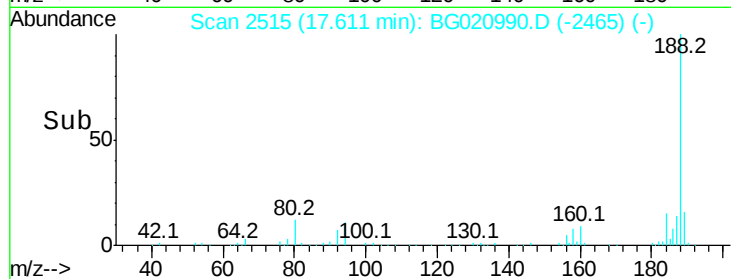
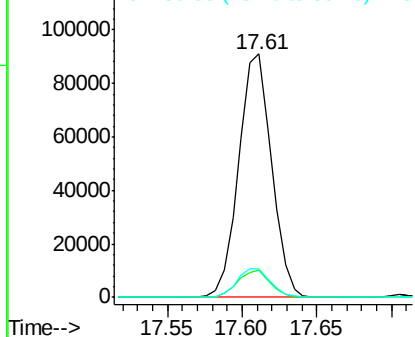
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.0
80	12.0	10.2	15.4

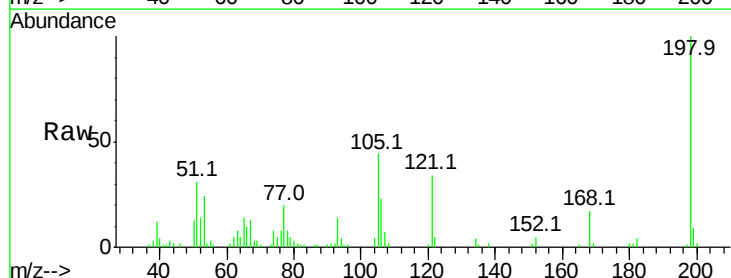


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

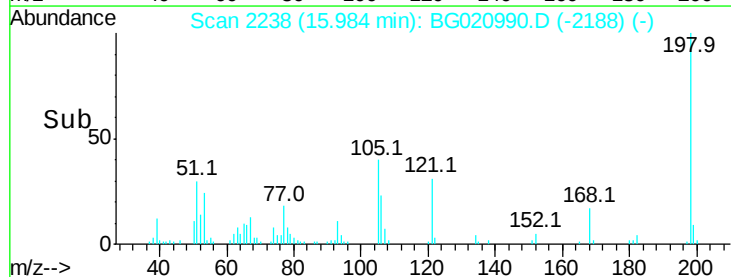
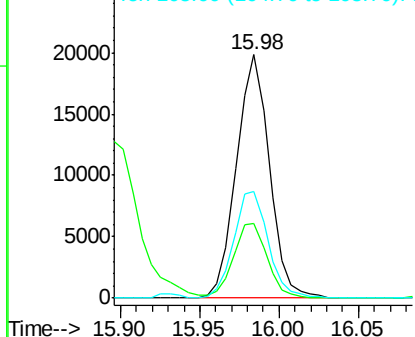


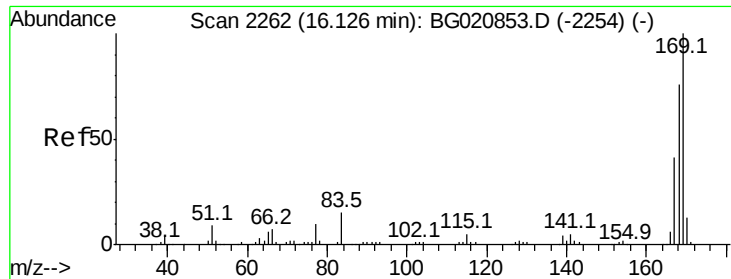
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.37 ng
 RT: 15.98 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.9	10.6	50.6
105	43.7	27.0	67.0



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

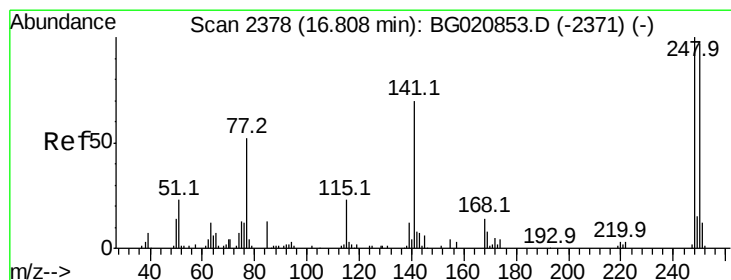
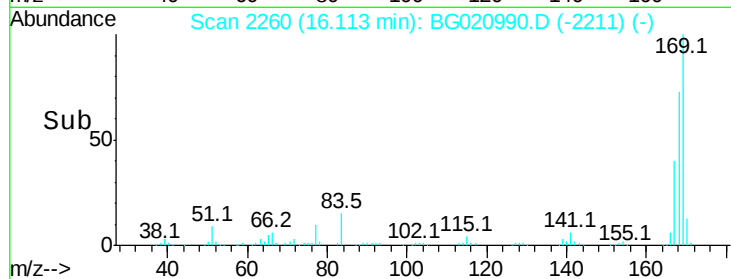
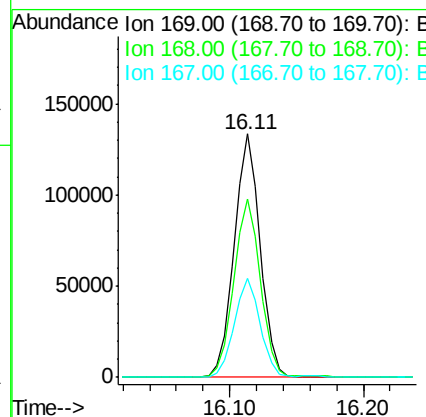
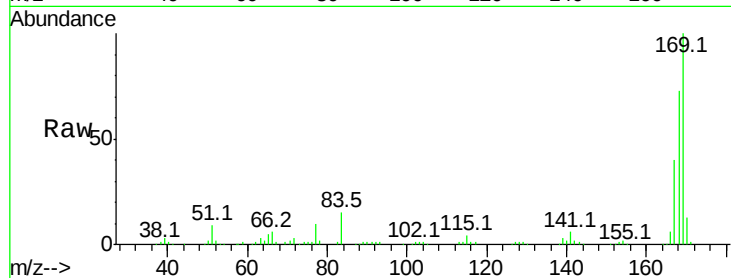




#65
n-Nitrosodiphenylamine
Concen: 40.55 ng
RT: 16.11 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

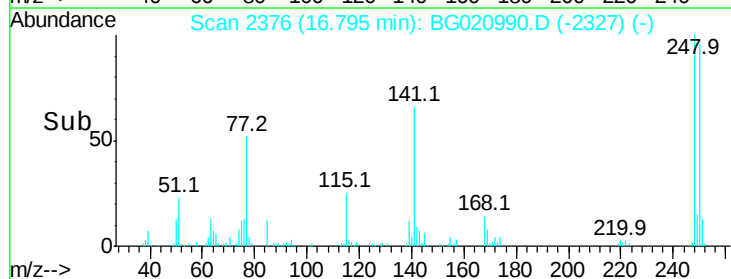
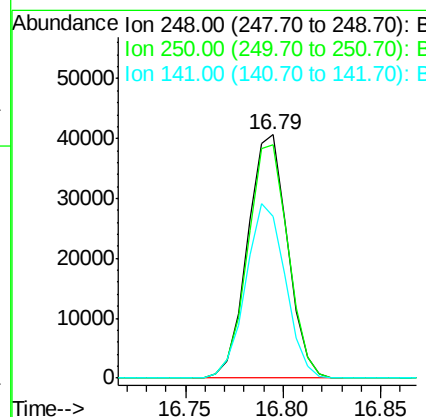
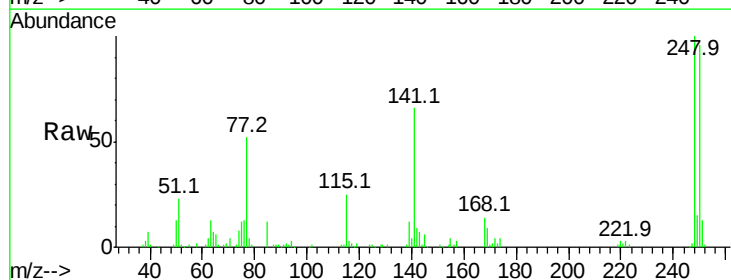
Instrument :
BNA_G
ClientSampleId :
PB88447BS

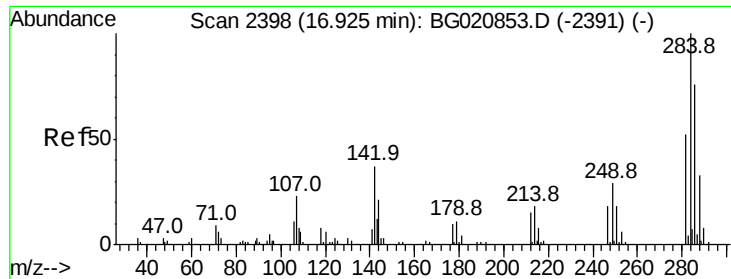
Tot Ion:169 Resp: 182011
Ion Ratio Lower Upper
169 100
168 73.5 60.7 91.1
167 40.4 32.8 49.2



#66
4-Bromophenyl-phenylether
Concen: 39.03 ng
RT: 16.79 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:248 Resp: 57255
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 66.2 55.7 83.5





#67

Hexachlorobenzene

Concen: 40.37 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

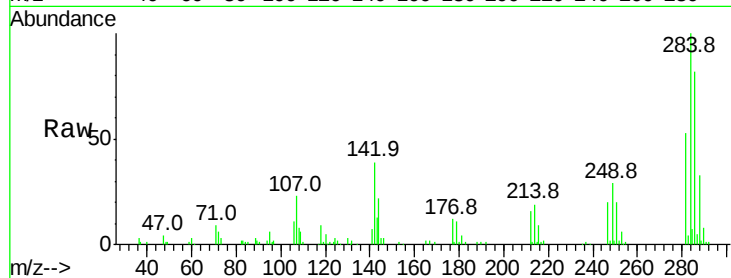
Tot Ion:284 Resp: 63022

Ion Ratio Lower Upper

284 100

142 38.6 29.9 44.9

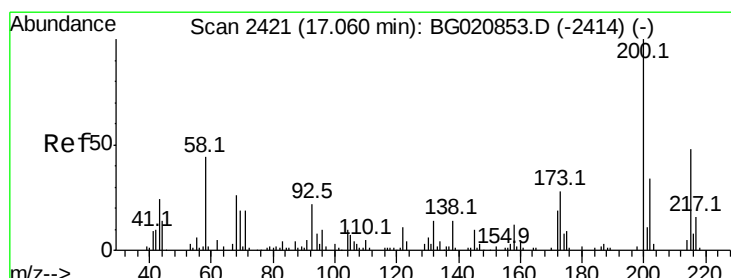
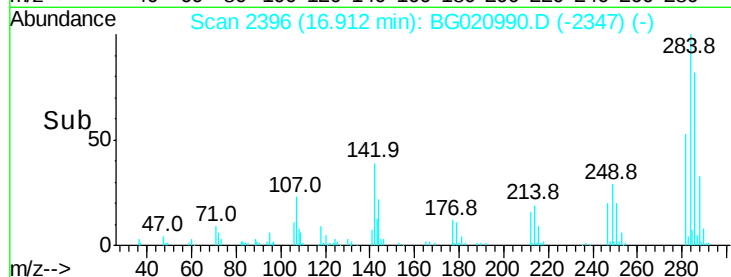
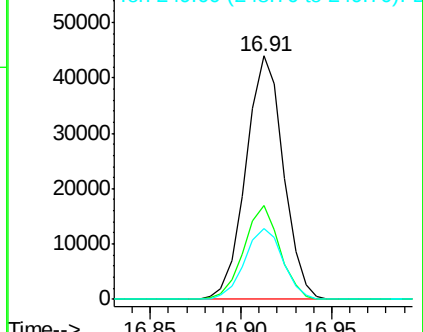
249 29.1 23.3 34.9



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: 43.02 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

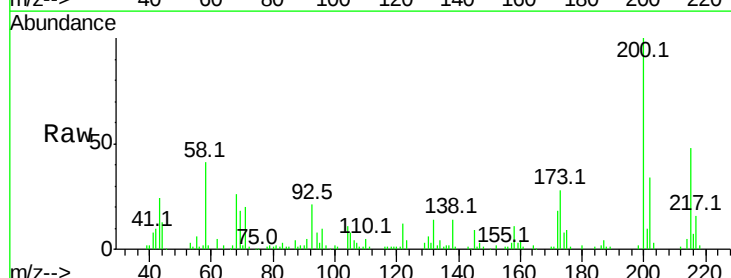
Tgt Ion:200 Resp: 58589

Ion Ratio Lower Upper

200 100

173 28.2 8.4 48.4

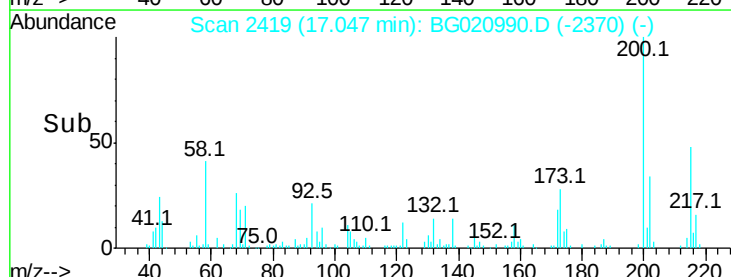
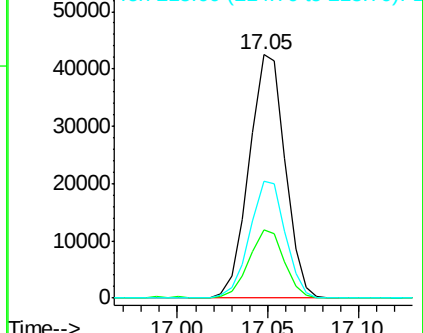
215 47.8 28.2 68.2

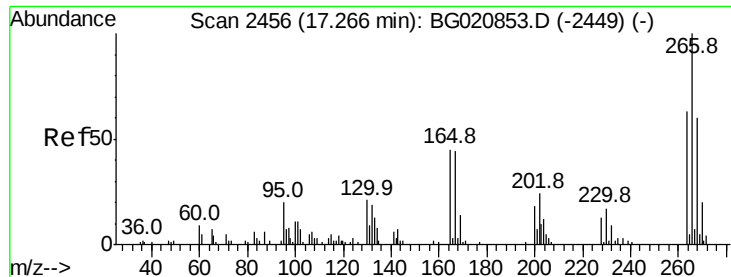


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

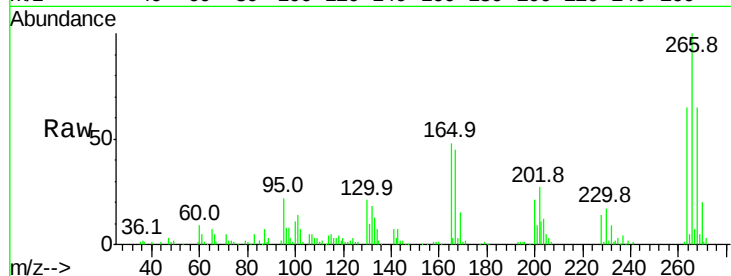




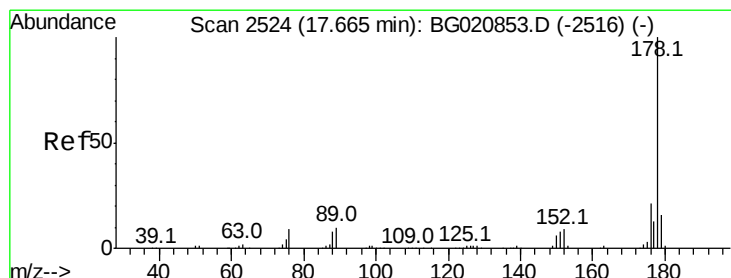
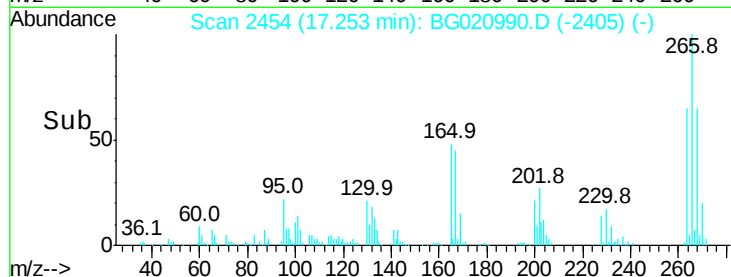
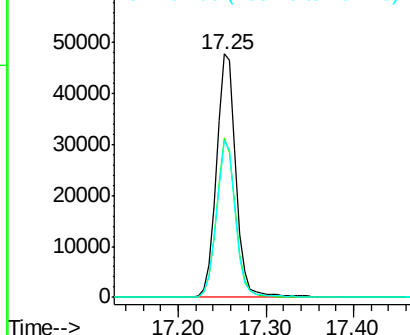
#69
 Pentachlorophenol
 Concen: 82.42 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	47.8	71.6
264	64.5	50.2	75.4

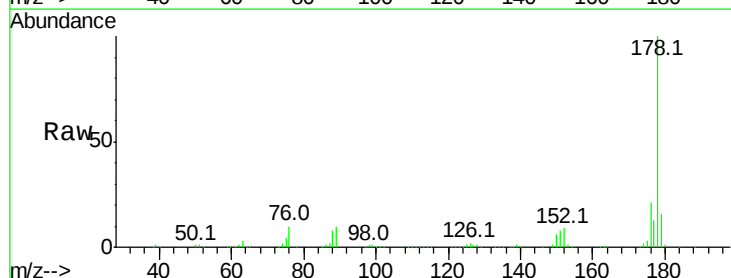


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

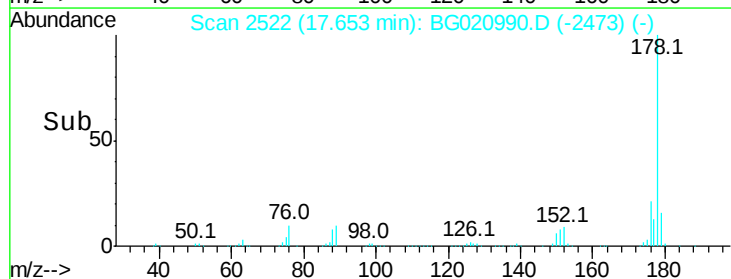
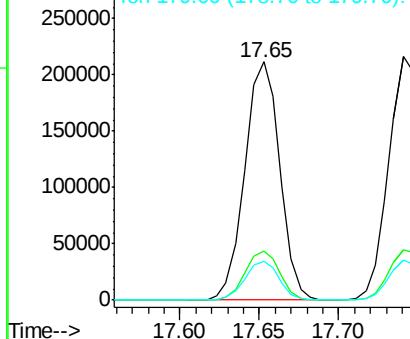


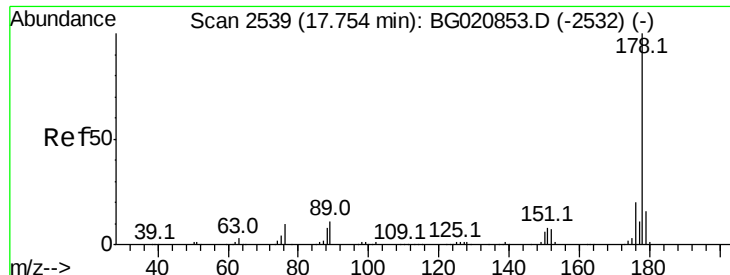
#70
 Phenanthrene
 Concen: 40.96 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.8	25.2
179	16.1	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

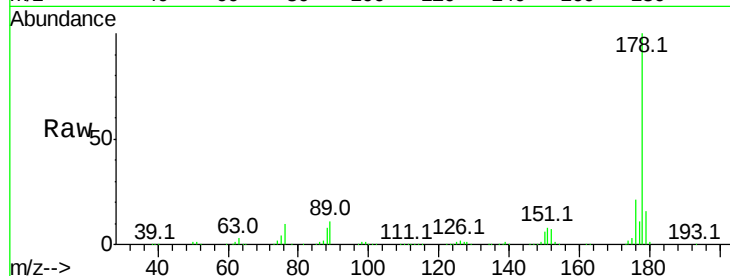




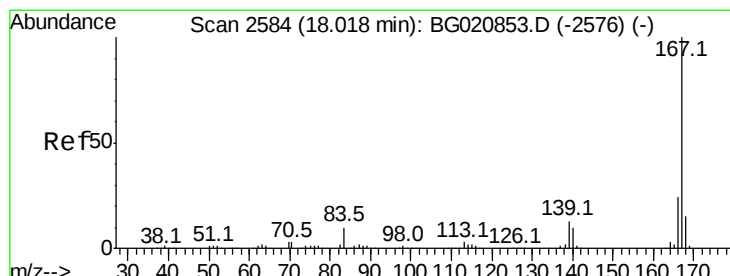
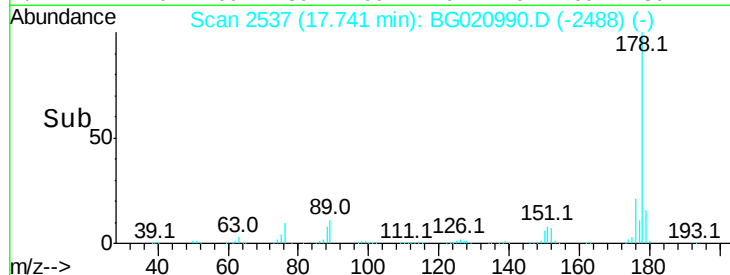
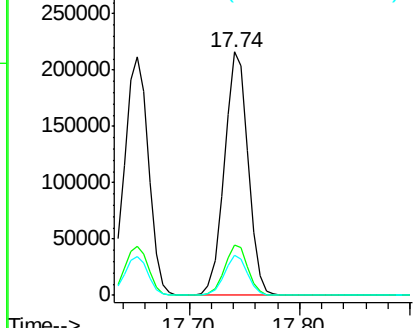
#71
 Anthracene
 Concen: 40.43 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	12.7	19.1

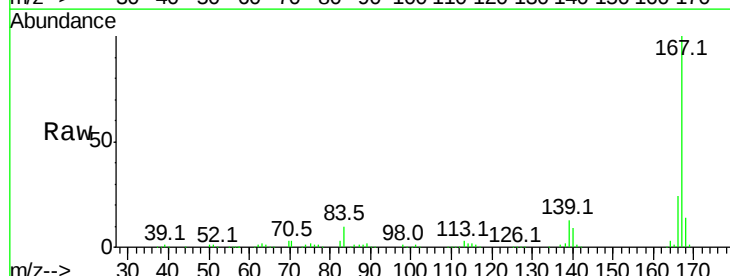


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

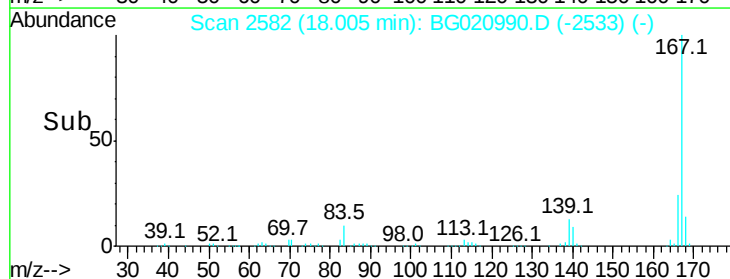
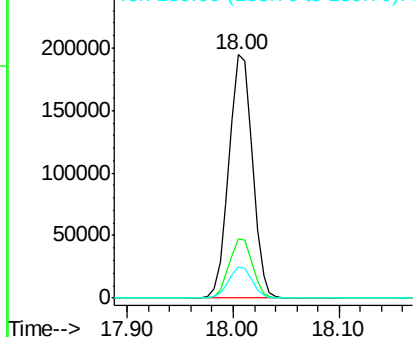


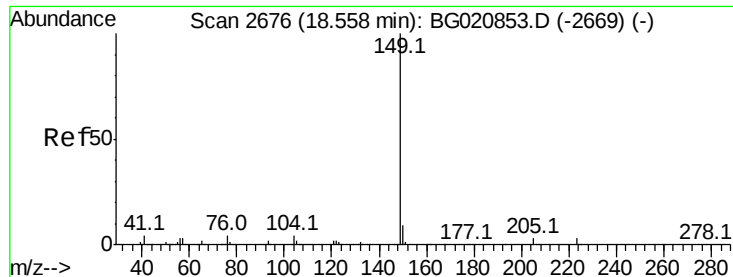
#72
 Carbazole
 Concen: 41.49 ng
 RT: 18.00 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.3	28.9
139	12.7	10.2	15.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

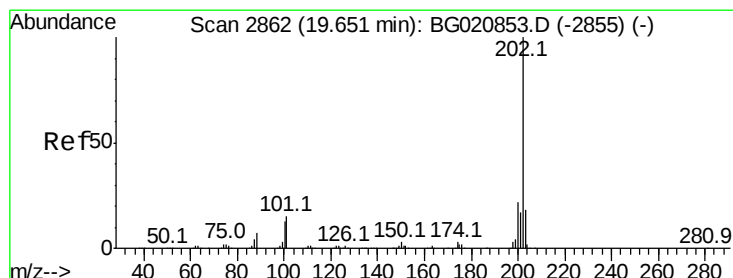
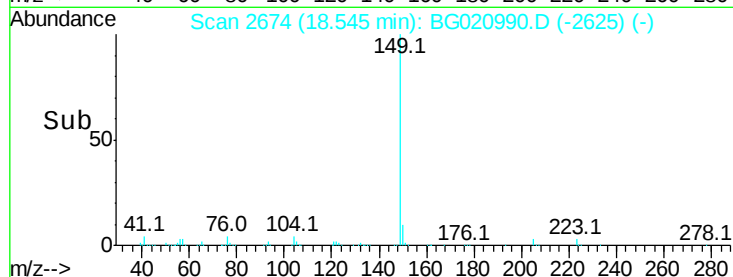
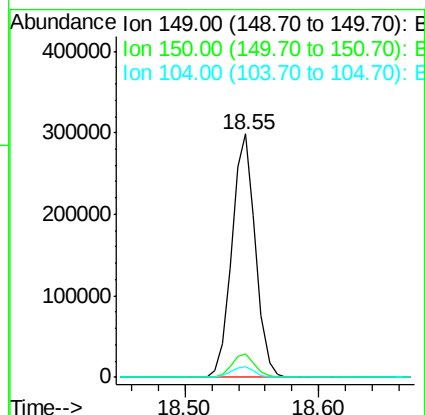
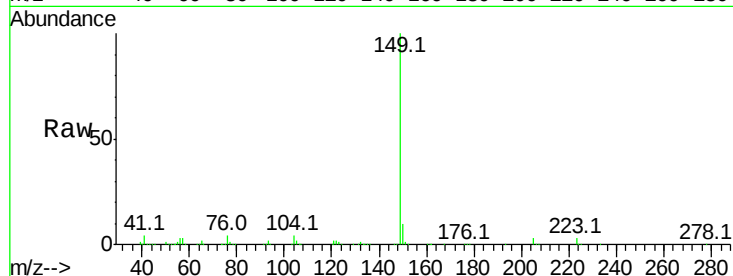




#73
Di-n-butylphthalate
Concen: 39.62 ng
RT: 18.55 min Scan# 2674
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

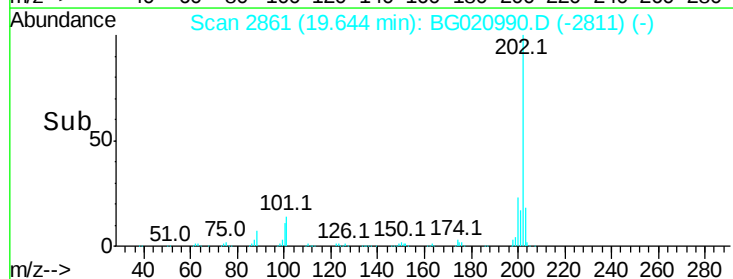
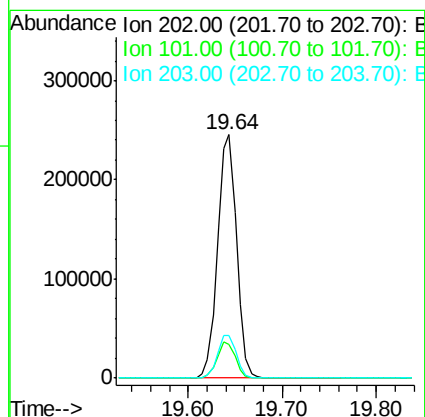
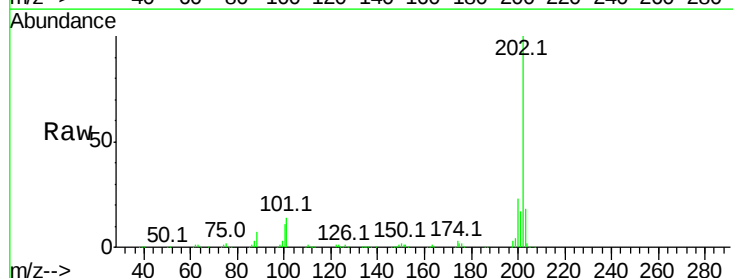
Instrument :
BNA_G
ClientSampleId :
PB88447BS

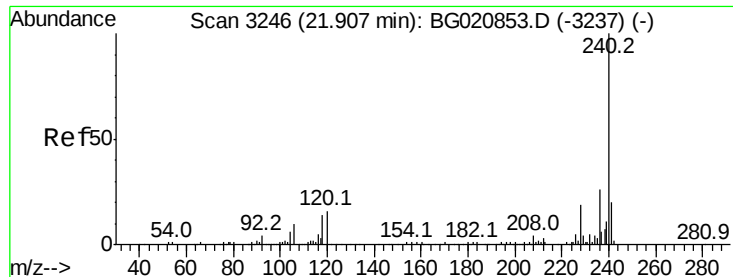
Tot Ion:149 Resp: 365951
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 4.2 3.4 5.0



#74
Fluoranthene
Concen: 40.73 ng
RT: 19.64 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:202 Resp: 347957
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.3
203 17.6 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

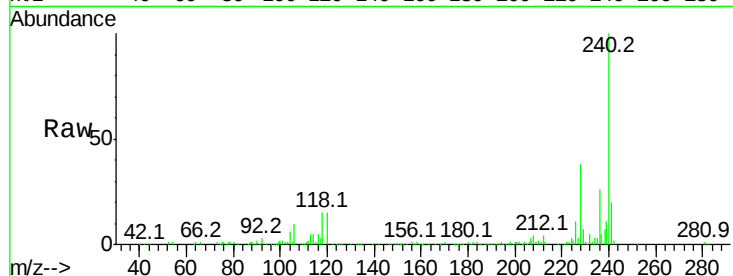
Tot Ion:240 Resp: 131264

Ion Ratio Lower Upper

240 100

120 15.1 13.0 19.4

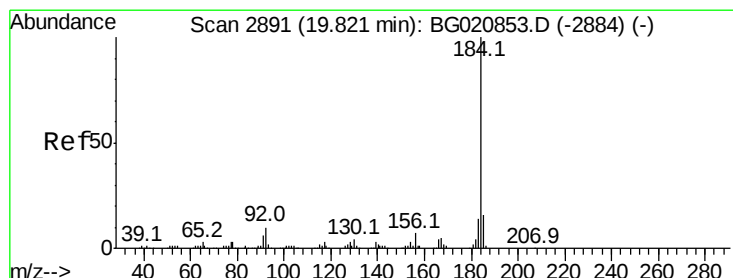
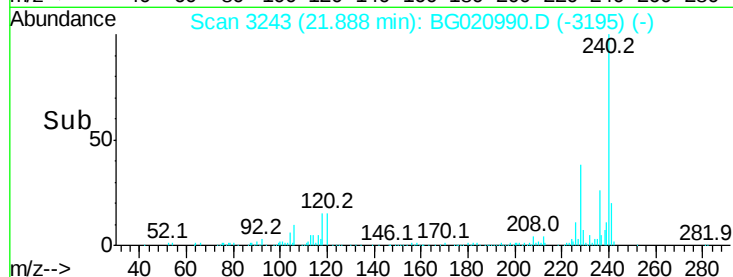
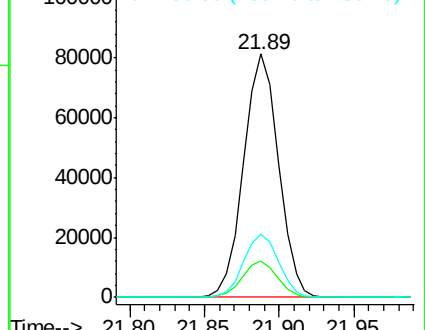
236 26.1 21.0 31.4



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: 23.02 ng

RT: 19.81 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

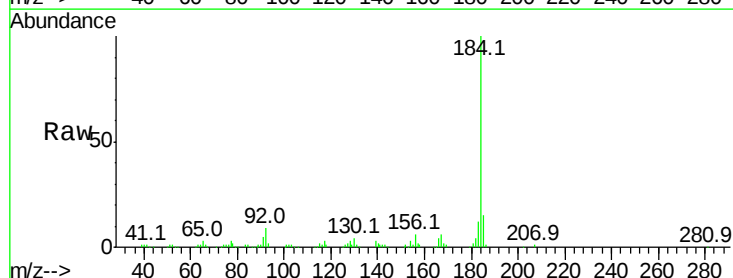
Tgt Ion:184 Resp: 97703

Ion Ratio Lower Upper

184 100

185 15.4 12.6 19.0

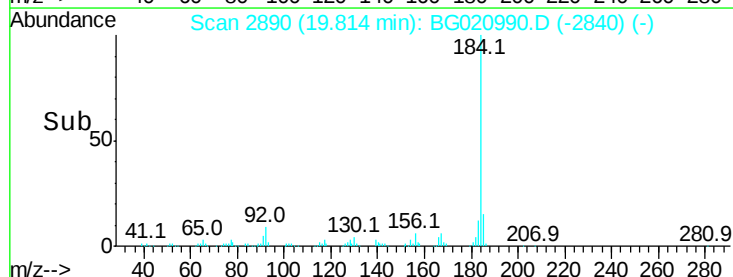
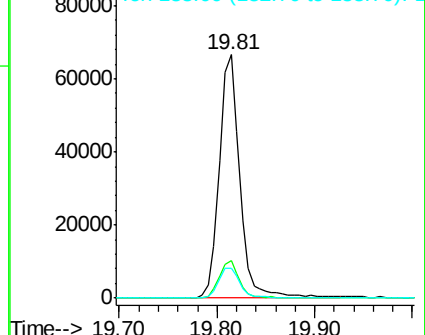
183 12.4 11.0 16.4

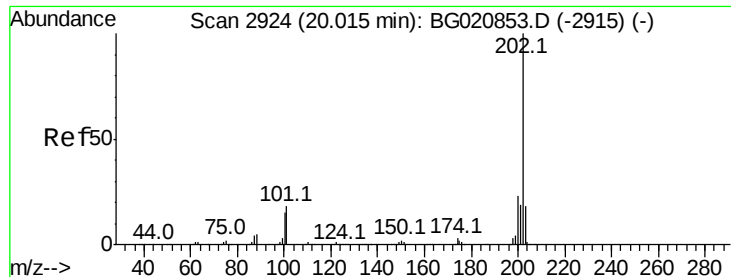


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.37 ng

RT: 20.00 min Scan# 2922

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

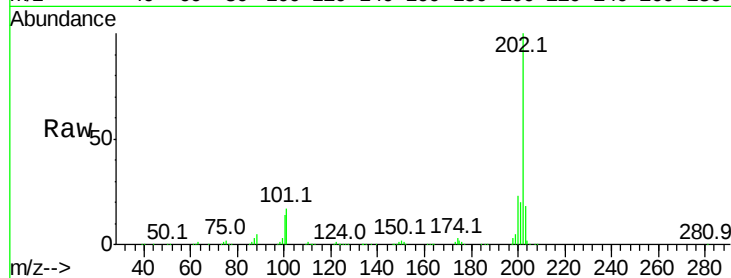
Tot Ion:202 Resp: 358175

Ion Ratio Lower Upper

202 100

200 22.6 18.5 27.7

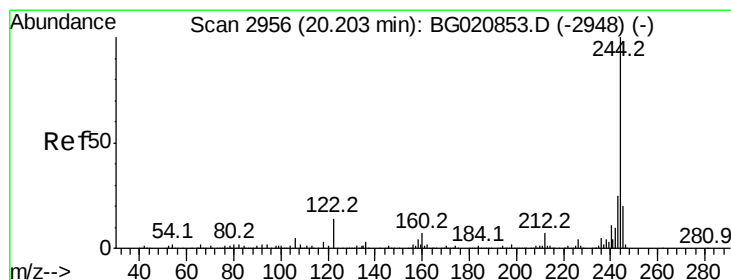
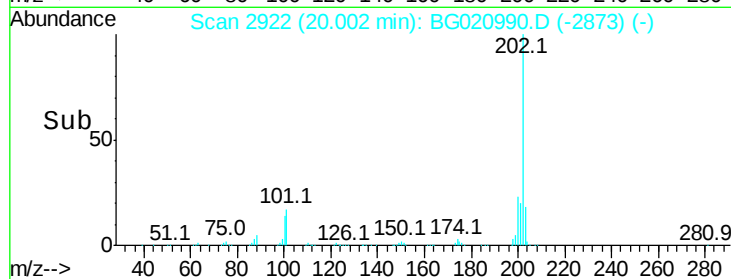
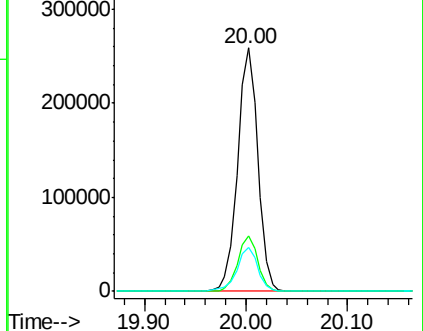
203 18.1 14.3 21.5



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: 82.33 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

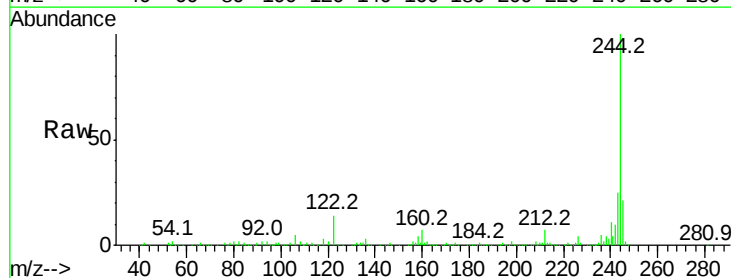
Tgt Ion:244 Resp: 463248

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

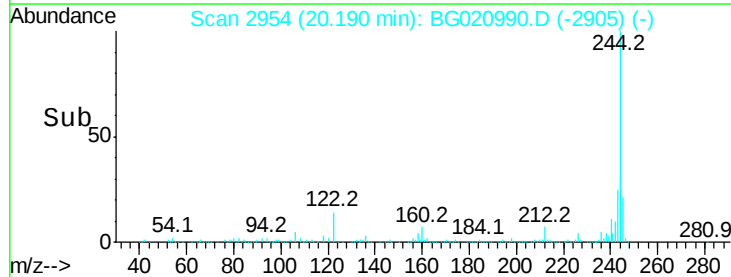
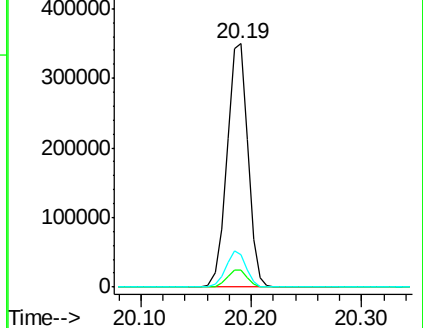
122 13.5 11.4 17.2

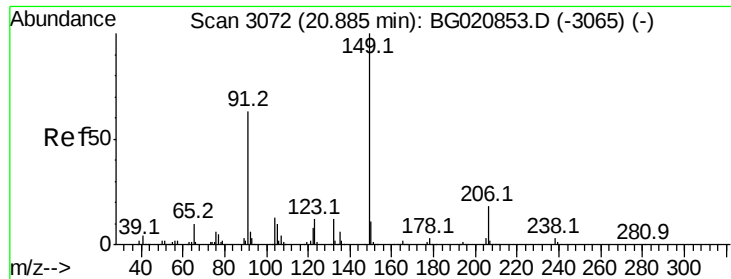


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

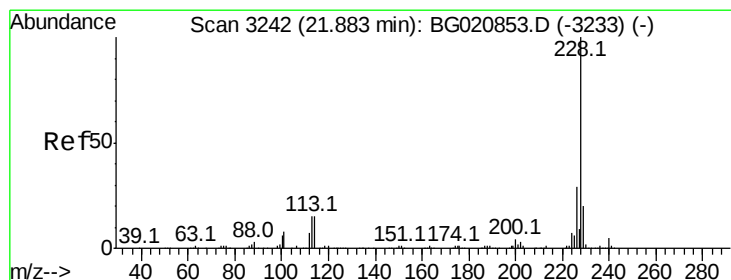
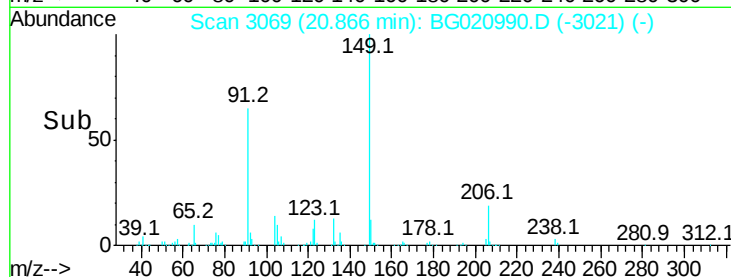
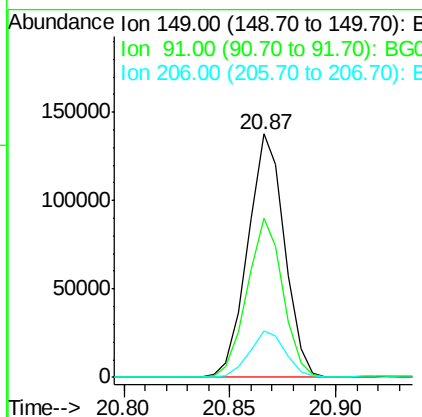
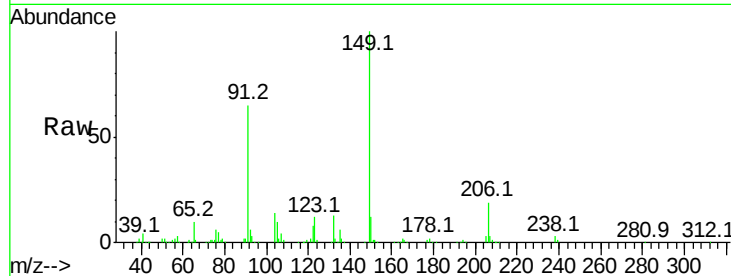




#79
Butylbenzylphthalate
Concen: 40.08 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

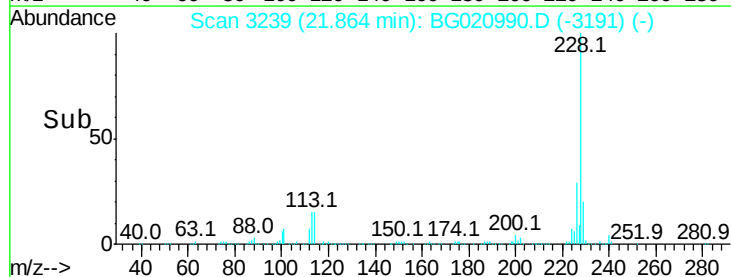
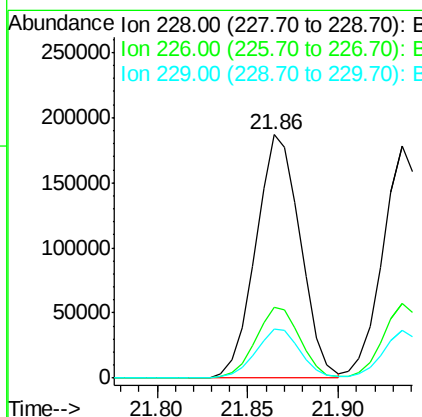
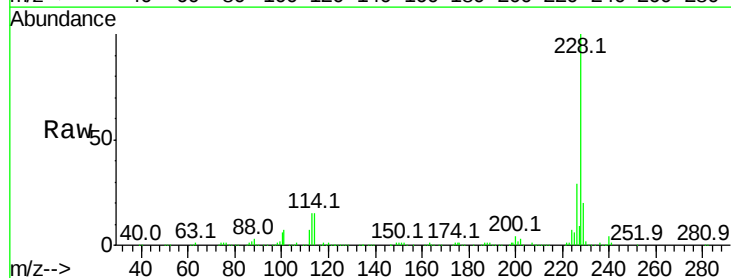
Instrument :
BNA_G
ClientSampleId :
PB88447BS

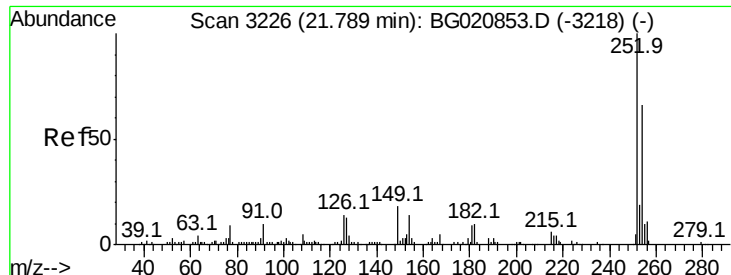
Tot Ion:149 Resp: 166134
Ion Ratio Lower Upper
149 100
91 65.4 50.6 76.0
206 19.1 14.6 22.0



#80
Benzo(a)anthracene
Concen: 41.04 ng
RT: 21.86 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020990.D
Acq: 20 Feb 2016 2:48

Tgt Ion:228 Resp: 321609
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 20.3 16.2 24.2

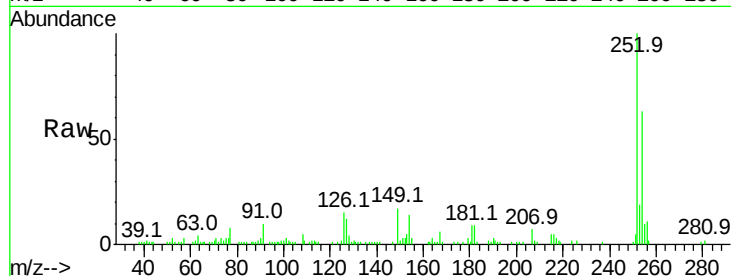




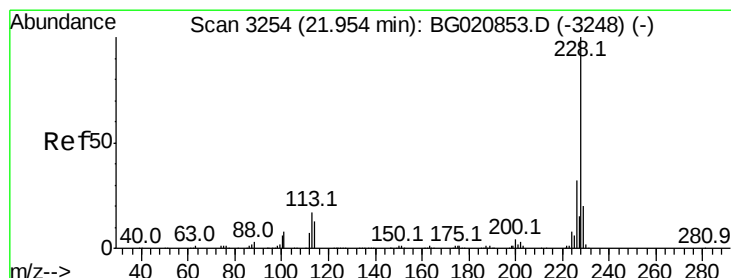
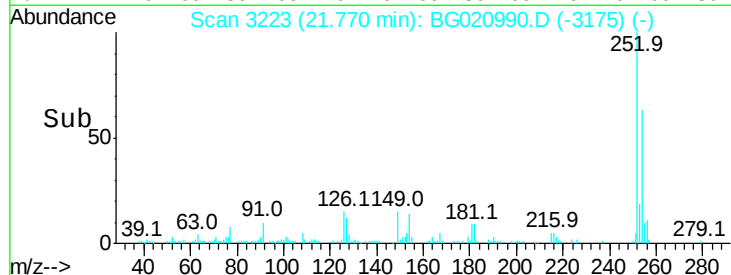
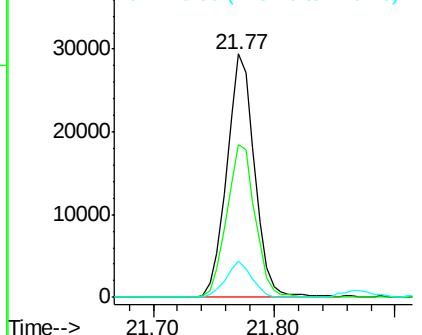
#81
 3,3'-Dichlorobenzidine
 Concen: 16.12 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.8	79.2
126	14.9	11.1	16.7

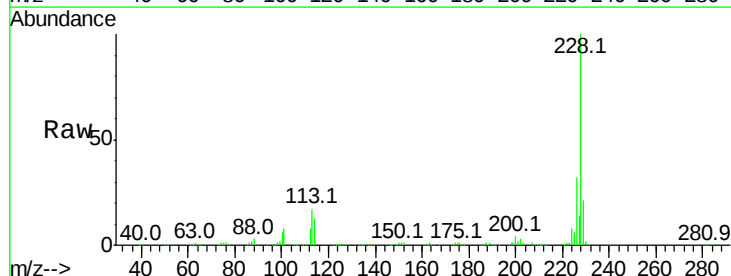


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

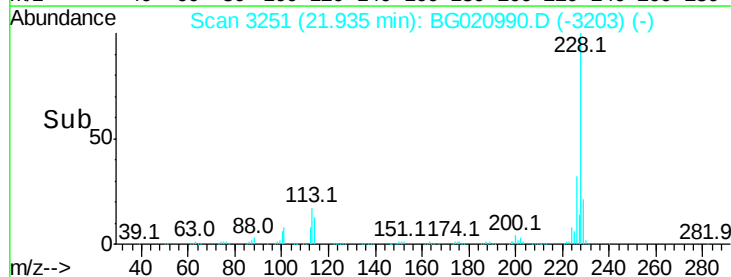
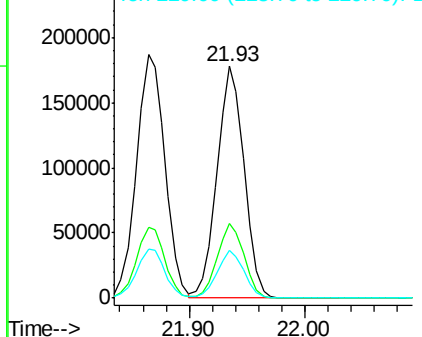


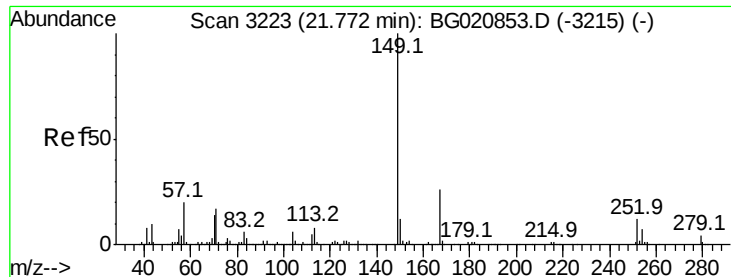
#82
 Chrysene
 Concen: 39.03 ng
 RT: 21.93 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.3	37.9
229	20.5	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: 39.49 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

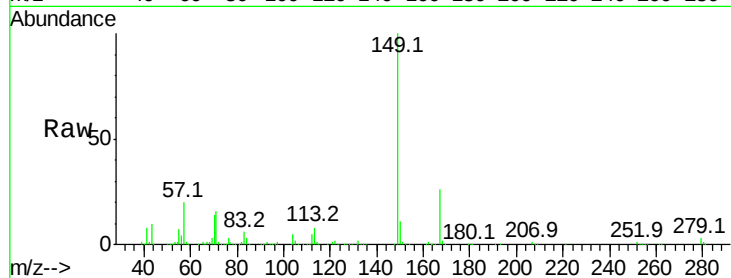
BNA_G

ClientSampleId :

PB88447BS

Tot Ion:149 Resp: 242703

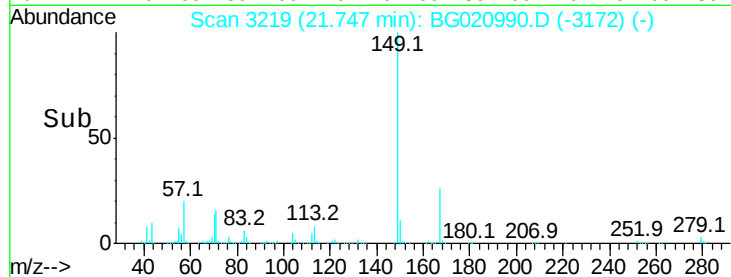
Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.9	31.3
279	3.3	3.0	4.4



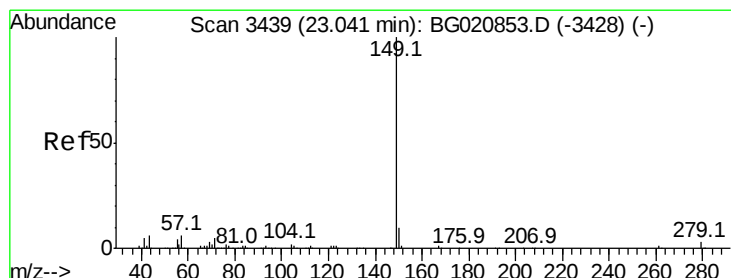
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 40.99 ng

RT: 23.01 min Scan# 3434

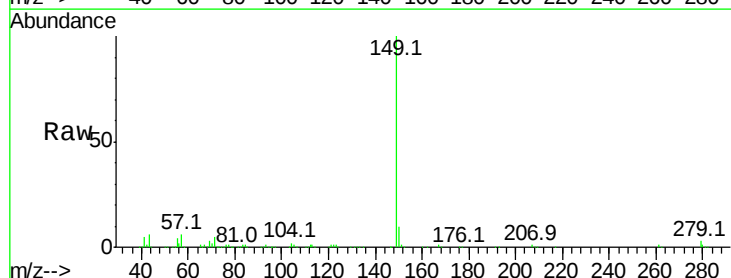
Delta R.T. -0.03 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Tgt Ion:149 Resp: 413476

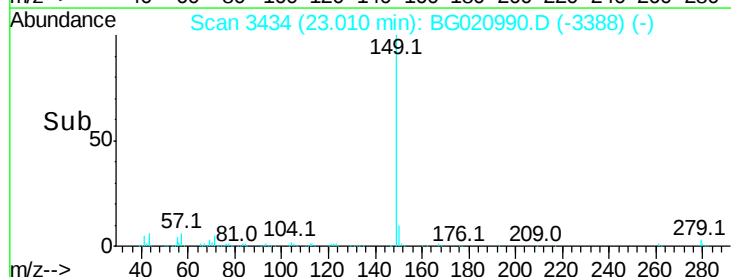
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	5.9	5.1	7.7



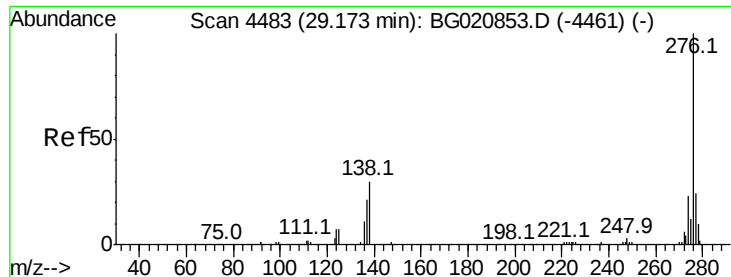
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



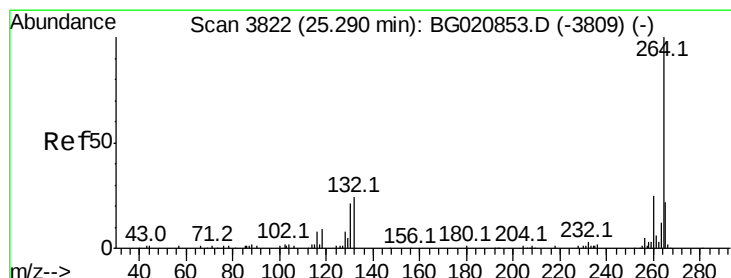
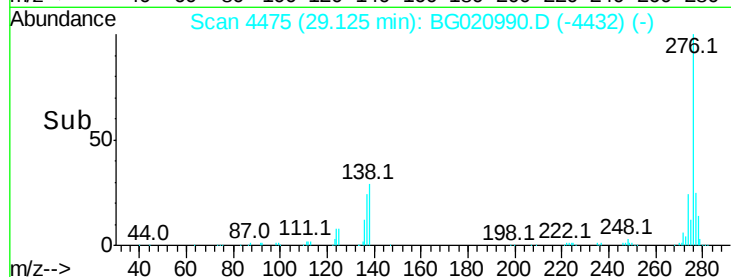
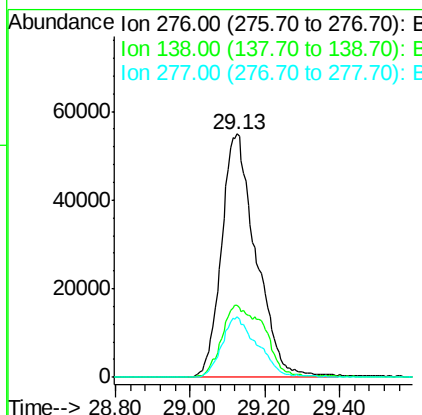
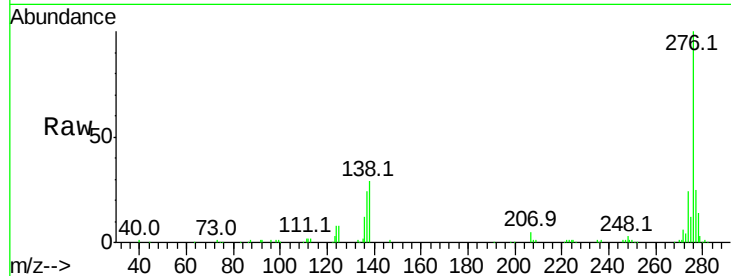
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.66 ng
 RT: 29.13 min Scan# 4475
 Delta R.T. -0.05 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

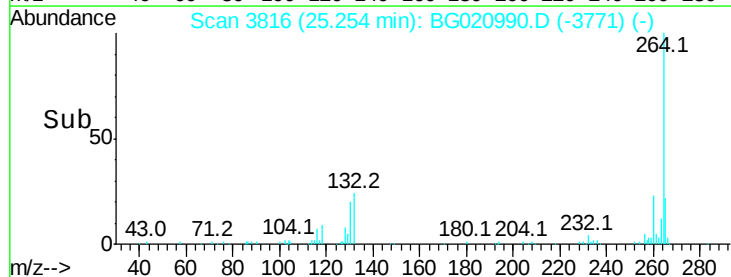
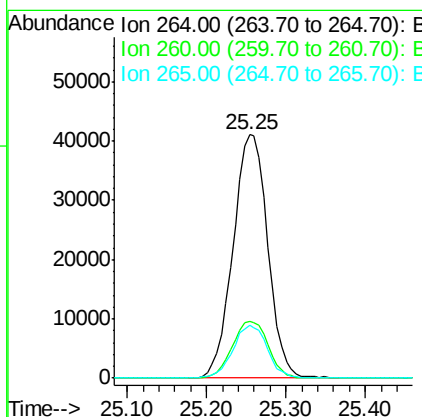
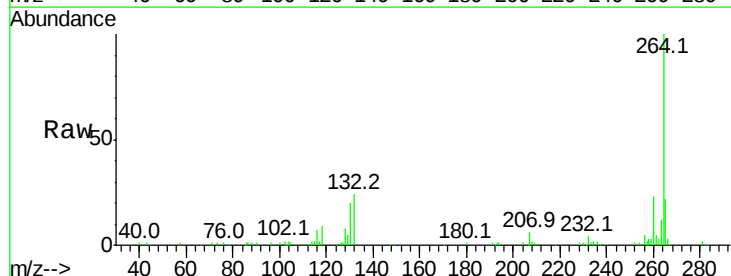
Instrument :
 BNA_G
 ClientSampleId :
 PB88447BS

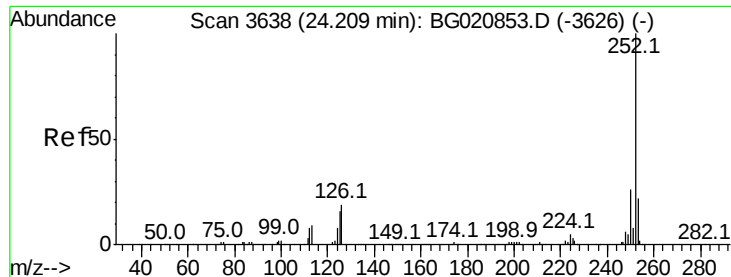
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	20.1	30.1#
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3816
 Delta R.T. -0.04 min
 Lab File: BG020990.D
 Acq: 20 Feb 2016 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	21.9	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 42.31 ng

RT: 24.18 min Scan# 3634

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

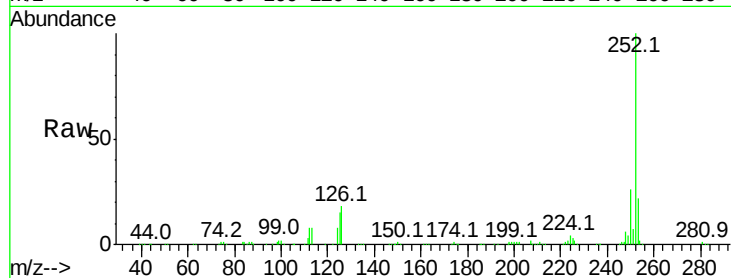
Tot Ion:252 Resp: 321615

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

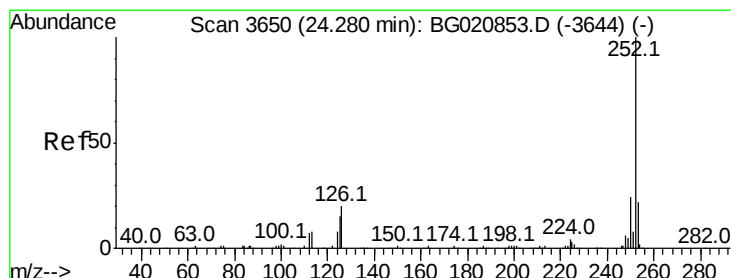
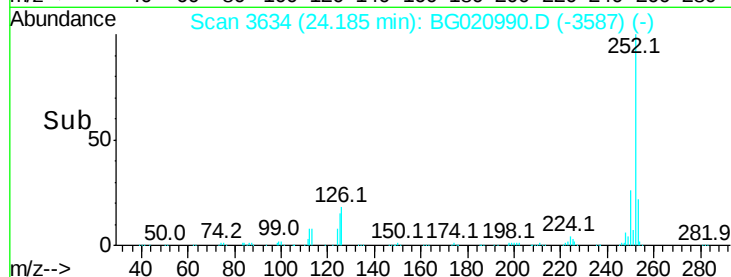
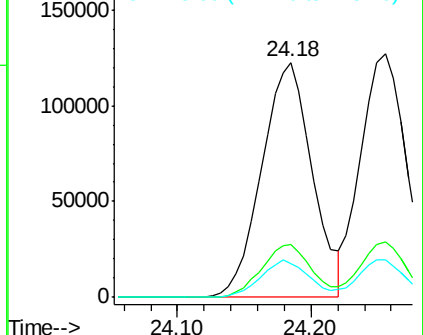
125 14.6 12.5 18.7



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: 40.15 ng

RT: 24.26 min Scan# 3646

Delta R.T. -0.02 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

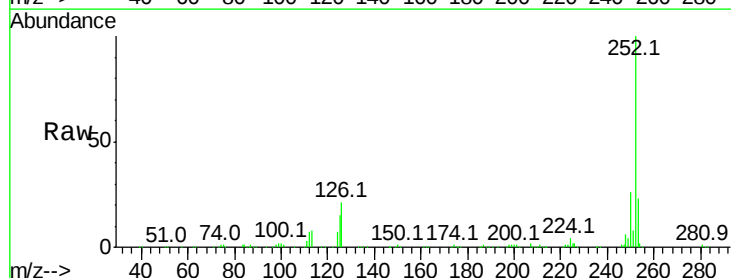
Tgt Ion:252 Resp: 299043

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

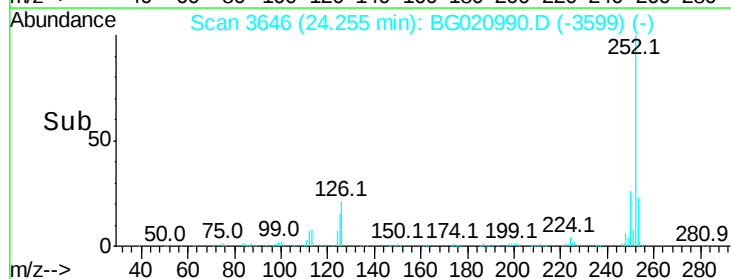
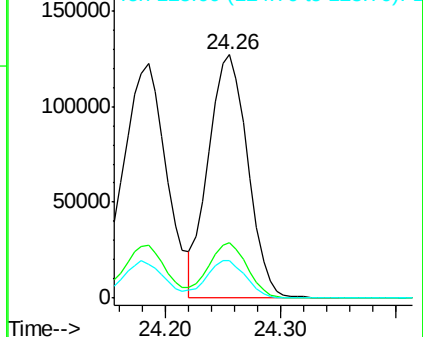
125 15.3 12.2 18.4

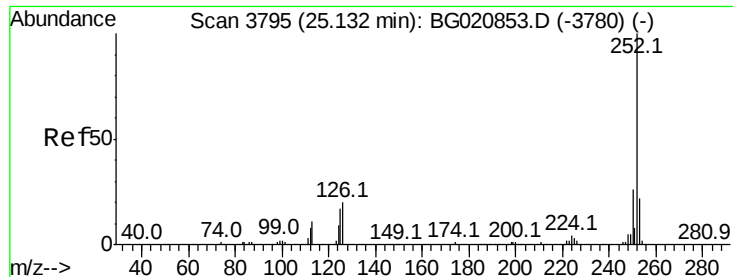


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.00 ng

RT: 25.10 min Scan# 3790

Delta R.T. -0.03 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampled :

PB88447BS

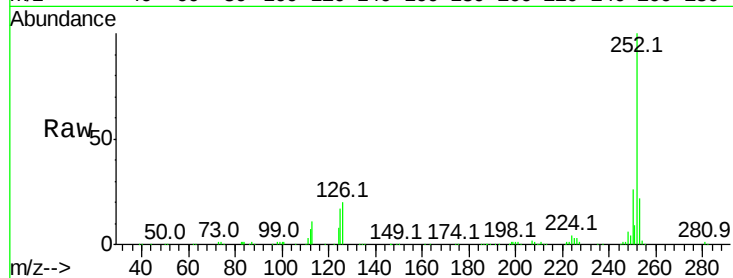
Tot Ion:252 Resp: 304195

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

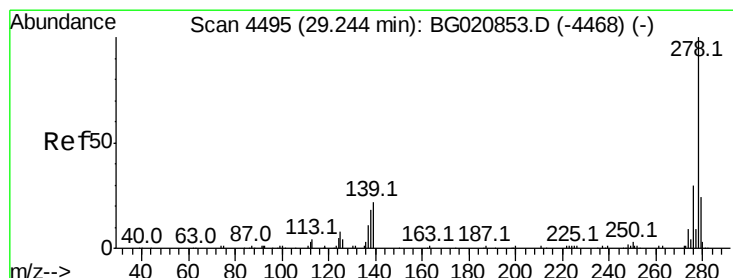
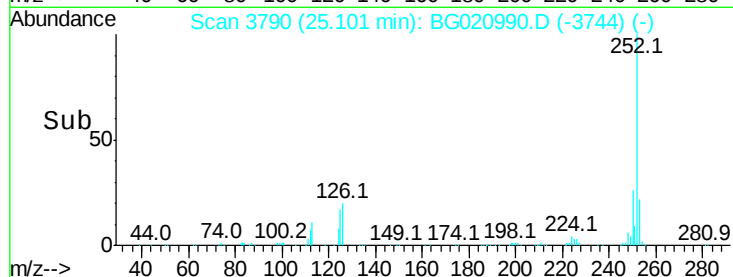
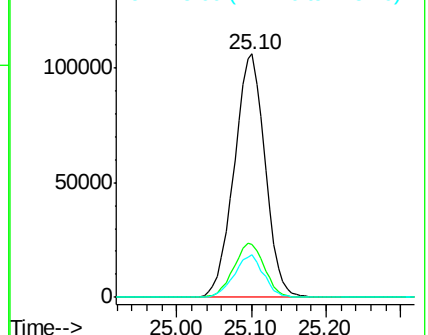
125 17.3 13.6 20.4



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: 40.66 ng

RT: 29.19 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

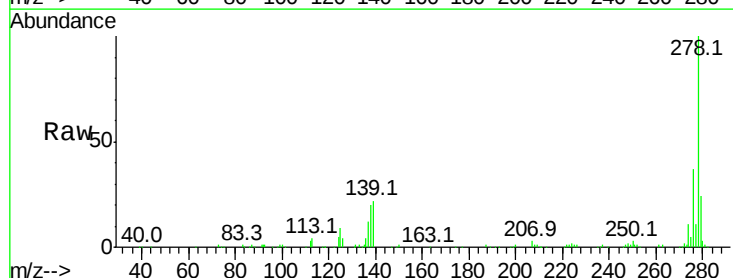
Tgt Ion:278 Resp: 286363

Ion Ratio Lower Upper

278 100

139 21.5 17.3 25.9

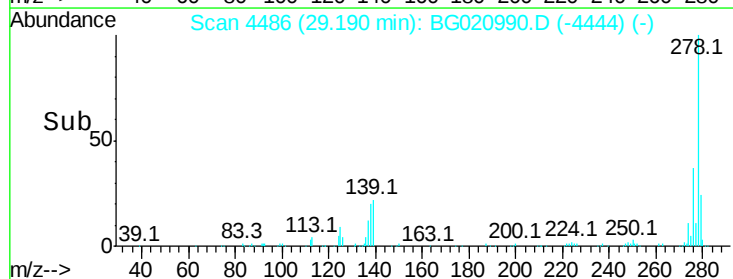
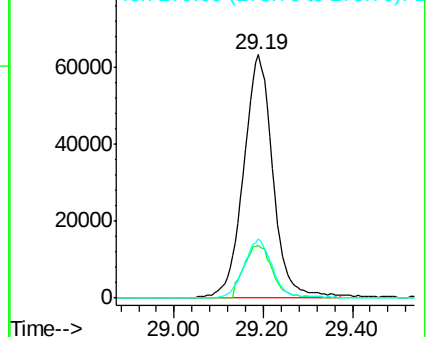
279 24.1 19.1 28.7

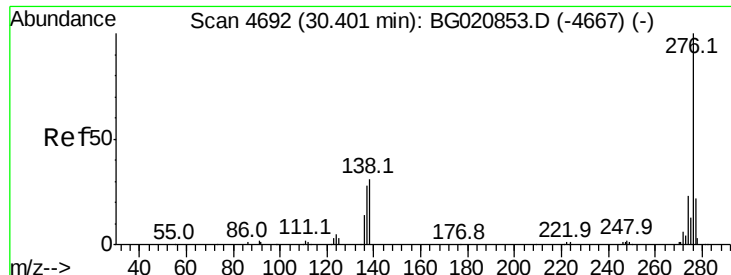


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.27 ng

RT: 30.34 min Scan# 4681

Delta R.T. -0.07 min

Lab File: BG020990.D

Acq: 20 Feb 2016 2:48

Instrument :

BNA_G

ClientSampleId :

PB88447BS

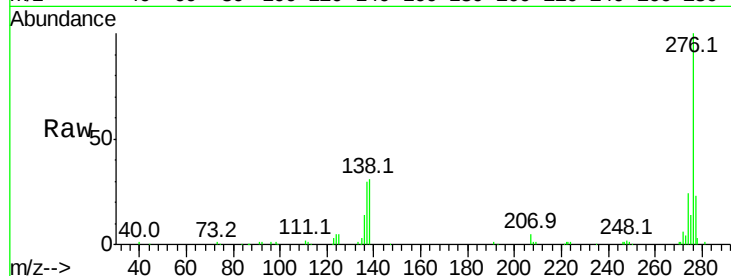
Tot Ion:276 Resp: 274557

Ion Ratio Lower Upper

276 100

277 22.7 17.6 26.4

138 31.4 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

