

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020984.D
 Acq On : 19 Feb 2016 22:52
 Operator : SJ/UM
 Sample : PB88453BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Quant Time: Feb 20 01:31:51 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	18466	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	97024	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	63773	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	135910	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129117	20.00	ng	-0.02
86) Perylene-d12	25.25	264	121581	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	108371	98.83	ng	0.00
7) Phenol-d6	7.41	99	155642	97.11	ng	0.00
23) Nitrobenzene-d5	9.43	82	124342	84.26	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	62459	99.59	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	359864	79.27	ng	-0.01
78) Terphenyl-d14	20.19	244	490307	88.59	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	12799	32.10	ng	92
3) Pyridine	4.04	79	40743	34.55	ng	95
4) n-Nitrosodimethylamine	3.95	42	12620	40.90	ng	98
6) Aniline	7.58	93	45604	22.82	ng	97
8) 2-Chlorophenol	7.82	128	62534	45.65	ng	97
9) Benzaldehyde	7.38	77	9100	11.34	ng	93
10) Phenol	7.43	94	78379	46.21	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	53912	39.80	ng	100
12) 1,3-Dichlorobenzene	8.15	146	58033	40.07	ng	99
13) 1,4-Dichlorobenzene	8.30	146	60732	41.36	ng	98
14) 1,2-Dichlorobenzene	8.62	146	59481	41.64	ng	97
15) Benzyl Alcohol	8.49	79	46252	45.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	53866	38.12	ng	99
17) 2-Methylphenol	8.69	107	56039	45.86	ng	97
18) Hexachloroethane	9.35	117	20844	41.28	ng	95
19) n-Nitroso-di-n-propylamine	9.06	70	41549	40.18	ng	99
20) 3+4-Methylphenols	9.02	107	79022	46.41	ng	98
22) Acetophenone	9.09	105	86731	37.09	ng	# 99
24) Nitrobenzene	9.48	77	60350	39.23	ng	98
25) Isophorone	9.99	82	121045	38.92	ng	99
26) 2-Nitrophenol	10.19	139	35280	43.58	ng	96
27) 2,4-Dimethylphenol	10.24	122	66621	42.95	ng	97
28) bis(2-Chloroethoxy)methane	10.47	93	80338	41.91	ng	99
29) 2,4-Dichlorophenol	10.73	162	65787	47.32	ng	97
30) 1,2,4-Trichlorobenzene	10.94	180	57468	41.04	ng	99
31) Naphthalene	11.14	128	204378	40.72	ng	99
32) Benzoic acid	10.37	122	49860	40.07	ng	97
33) 4-Chloroaniline	11.24	127	23832	11.04	ng	99
34) Hexachlorobutadiene	11.41	225	28621	40.10	ng	97
35) Caprolactam	12.01	113	19554	36.71	ng	96
36) 4-Chloro-3-methylphenol	12.34	107	76208	47.84	ng	98
37) 2-Methylnaphthalene	12.72	142	159369	45.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	67221	35.93	ng	98
40) Hexachlorocyclopentadiene	13.06	237	61503	74.73	ng	97

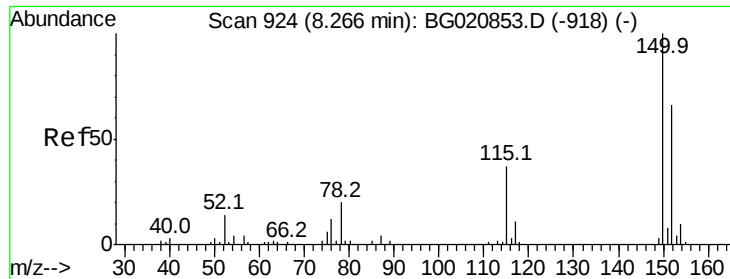
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	54856	43.65	nq	99
43) 2,4,5-Trichlorophenol	13.39	196	60800	46.02	nq	97
45) 1,1'-Biphenyl	13.71	154	208070	36.98	nq	100
46) 2-Chloronaphthalene	13.76	162	156530	38.86	nq	99
47) 2-Nitroaniline	13.96	65	42265	43.82	nq	98
48) Acenaphthylene	14.60	152	283933	40.54	nq	99
49) Dimethylphthalate	14.32	163	211296	42.37	nq	100
50) 2,6-Dinitrotoluene	14.44	165	47388	44.34	nq	97
51) Acenaphthene	14.94	154	174302	41.05	nq	98
52) 3-Nitroaniline	14.77	138	33595	27.06	nq	96
53) 2,4-Dinitrophenol	14.97	184	45690	98.64	nq	91
54) Dibenzofuran	15.27	168	260233	46.33	nq	99
55) 4-Nitrophenol	15.07	139	88915	94.82	nq	98
56) 2,4-Dinitrotoluene	15.22	165	66645	48.25	nq	99
57) Fluorene	15.91	166	226626	43.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	51900	51.55	nq	99
59) Diethylphthalate	15.67	149	227177	44.32	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	98319	42.80	nq	94
61) 4-Nitroaniline	15.93	138	54795	43.96	nq	99
62) Azobenzene	16.19	77	187447	46.50	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	30254	44.29	nq	97
65) n-Nitrosodiphenylamine	16.11	169	190913	43.48	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	59973	41.78	nq	96
67) Hexachlorobenzene	16.91	284	66505	43.54	nq	100
68) Atrazine	17.05	200	60198	45.18	nq	97
69) Pentachlorophenol	17.25	266	78374	89.50	nq	96
70) Phenanthrene	17.65	178	336658	43.51	nq	99
71) Anthracene	17.74	178	336588	42.86	nq	100
72) Carbazole	18.01	167	308413	43.76	nq	100
73) Di-n-butylphthalate	18.55	149	379135	41.95	nq	100
74) Fluoranthene	19.64	202	356678	42.67	nq	99
76) Benzidine	19.81	184	117148	28.06	nq	98
77) Pyrene	20.00	202	363381	42.67	nq	99
79) Butylbenzylphthalate	20.87	149	172177	42.23	nq	100
80) Benzo(a)anthracene	21.87	228	330730	42.91	nq	100
81) 3,3'-Dichlorobenzidine	21.77	252	52009	18.18	nq	98
82) Chrysene	21.94	228	296156	40.86	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	251555	41.61	nq	100
84) Di-n-octyl phthalate	23.01	149	423871	42.72	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358067	42.95	nq	# 90
87) Benzo(b)fluoranthene	24.19	252	321040	43.15	nq	99
88) Benzo(k)fluoranthene	24.26	252	313762	43.04	nq	99
89) Benzo(a)pyrene	25.10	252	309388	43.64	nq	98
90) Dibenzo(a,h)anthracene	29.19	278	295151	42.81	nq	99
91) Benzo(g,h,i)perylene	30.34	276	292906	42.80	nq	98

(#) = 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

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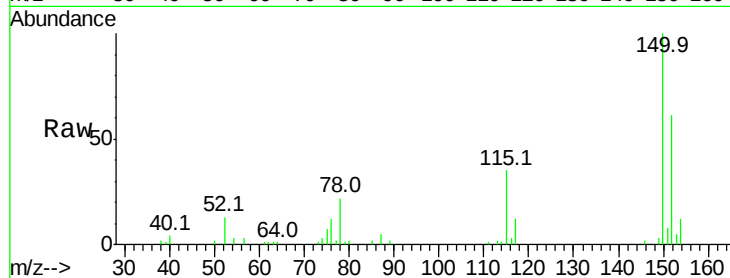
Tot Ion:152 Resp: 18466

Ion Ratio Lower Upper

152 100

150 162.8 122.0 183.0

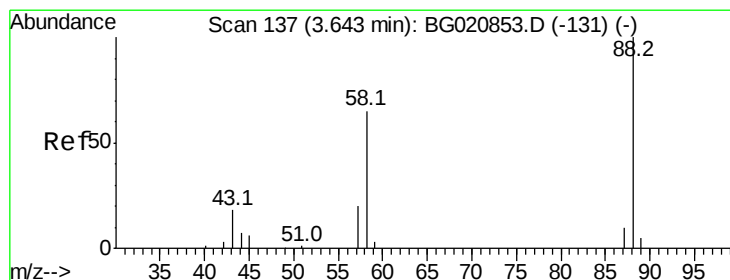
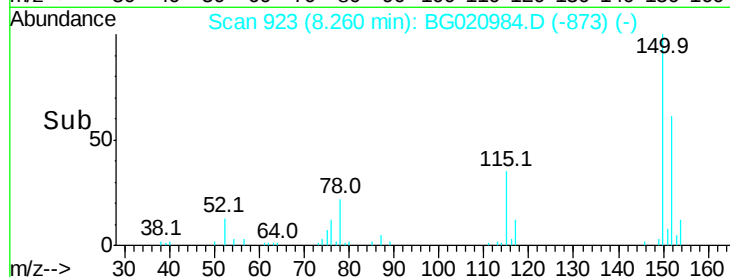
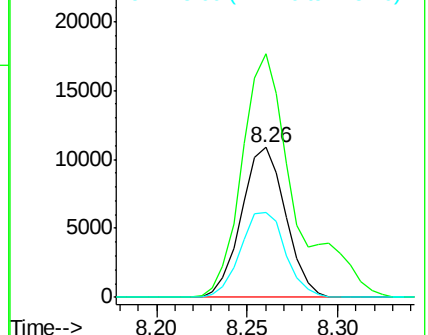
115 56.9 45.2 67.8



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: 32.10 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

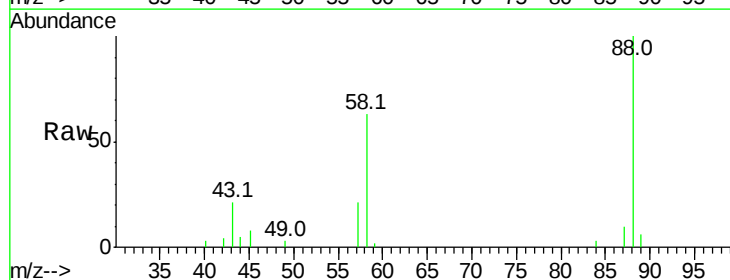
Tgt Ion: 88 Resp: 12799

Ion Ratio Lower Upper

88 100

58 69.1 50.3 75.5

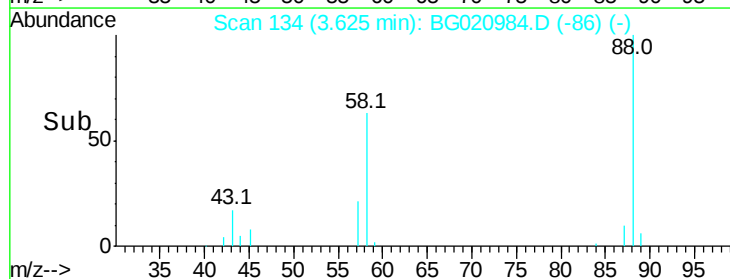
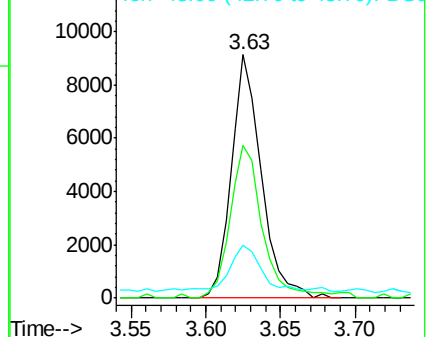
43 21.3 14.5 21.7

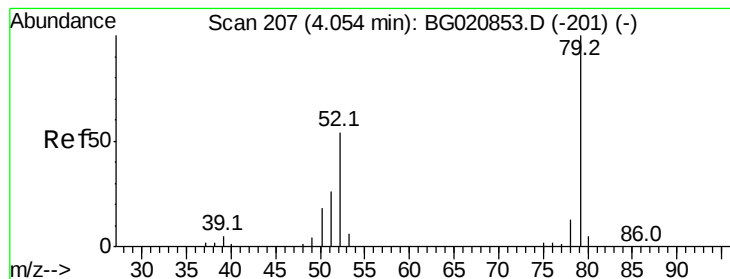


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.55 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

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ClientSampleId :

PB88453BS

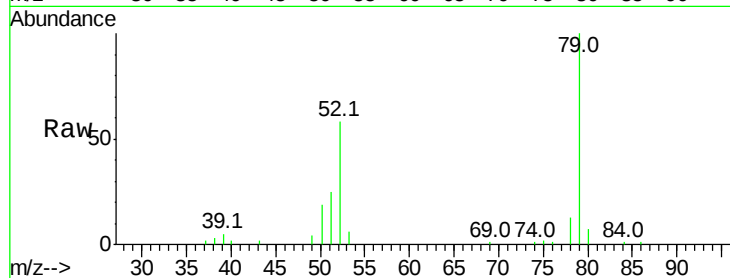
Tot Ion: 79 Resp: 40743

Ion Ratio Lower Upper

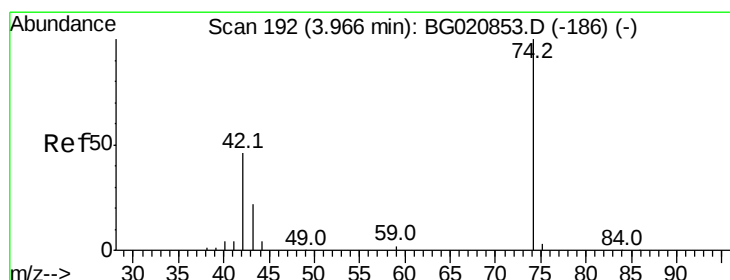
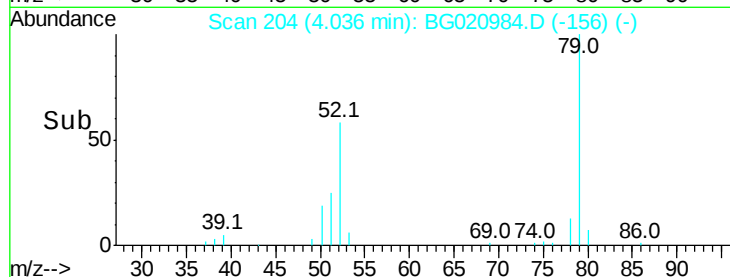
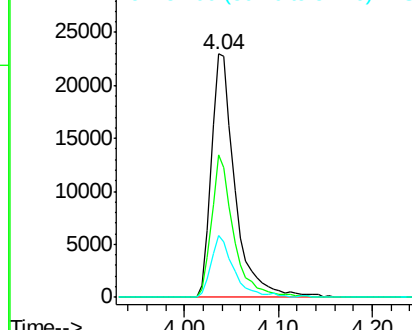
79 100

52 58.5 43.1 64.7

51 25.1 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: 40.90 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

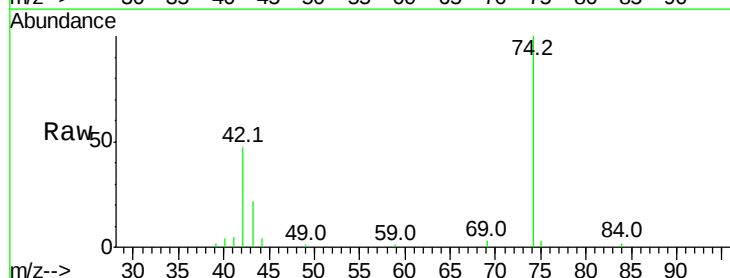
Tgt Ion: 42 Resp: 12620

Ion Ratio Lower Upper

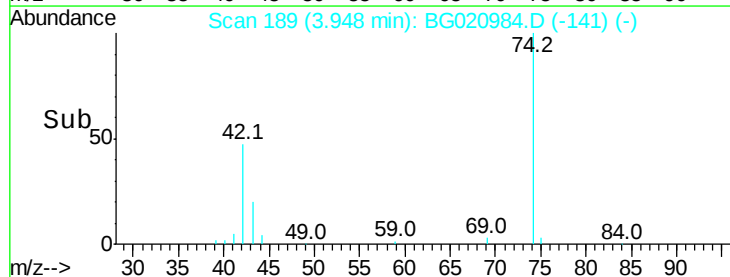
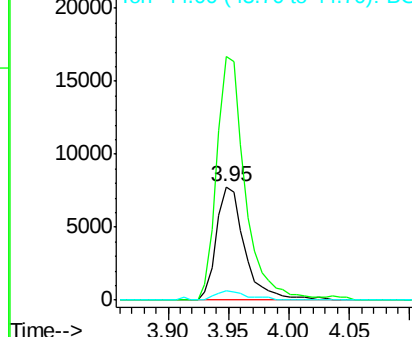
42 100

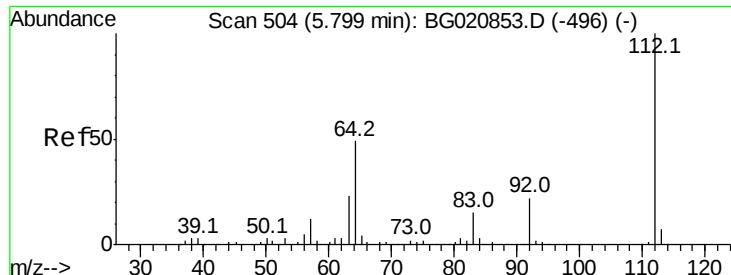
74 214.6 173.8 260.6

44 8.2 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: 98.83 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

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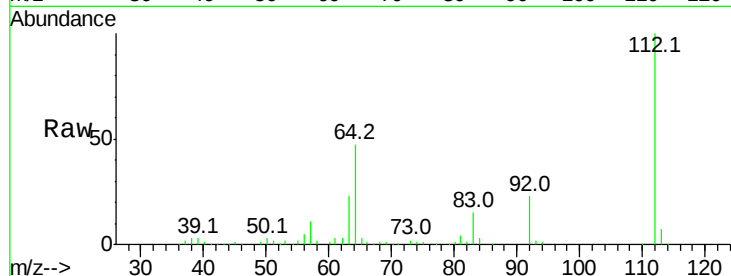
Tot Ion: 112 Resp: 108371

Ion Ratio Lower Upper

112 100

64 46.9 39.3 58.9

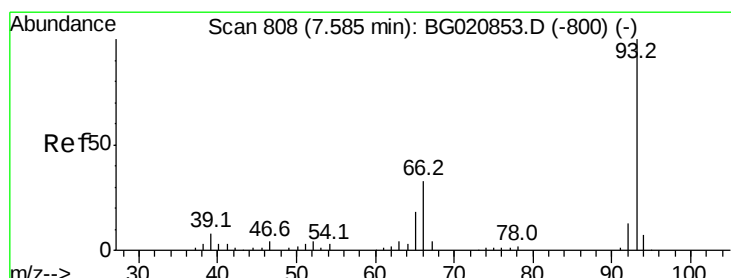
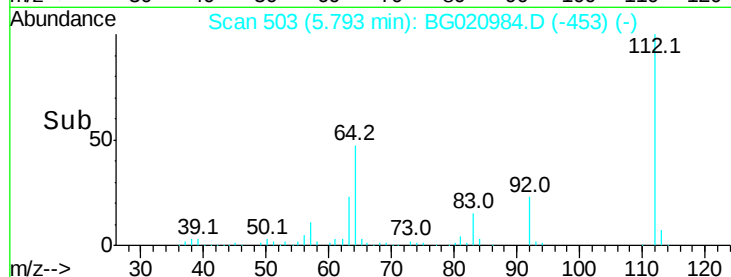
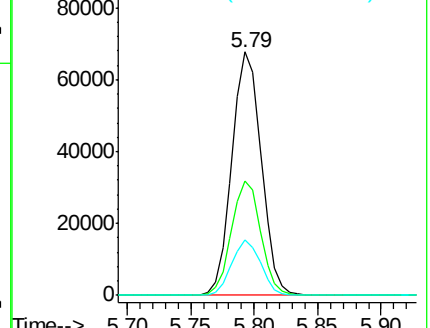
63 22.7 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.82 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

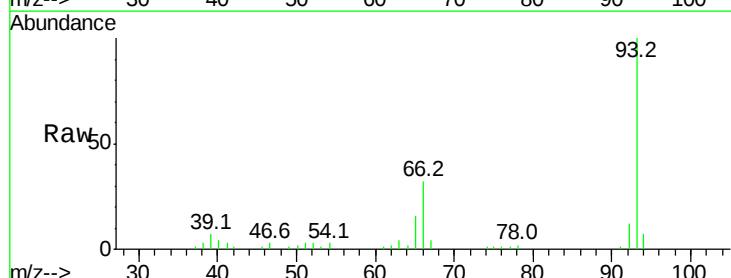
Tgt Ion: 93 Resp: 45604

Ion Ratio Lower Upper

93 100

66 32.0 26.6 40.0

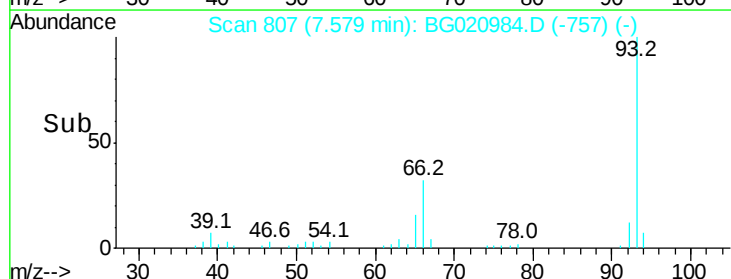
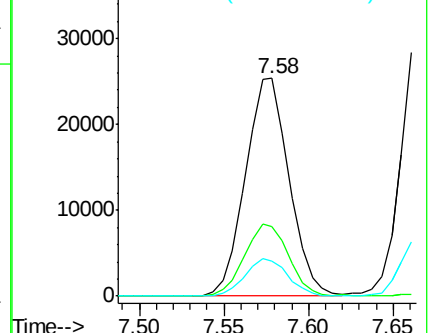
65 16.2 14.0 21.0

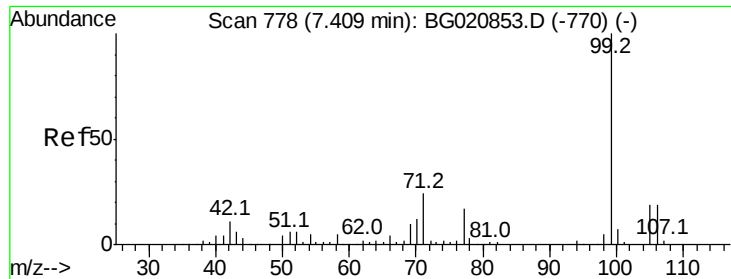


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.11 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

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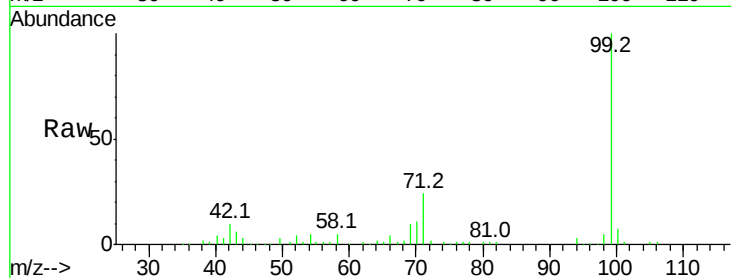
Tot Ion: 99 Resp: 155642

Ion Ratio Lower Upper

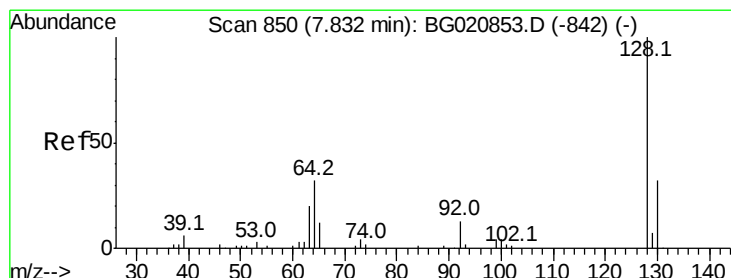
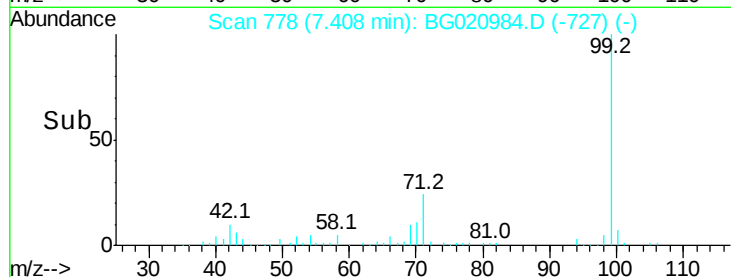
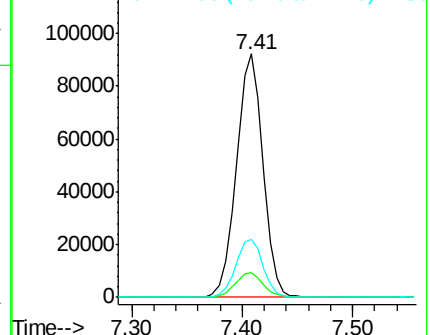
99 100

42 10.0 8.4 12.6

71 24.1 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: 45.65 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

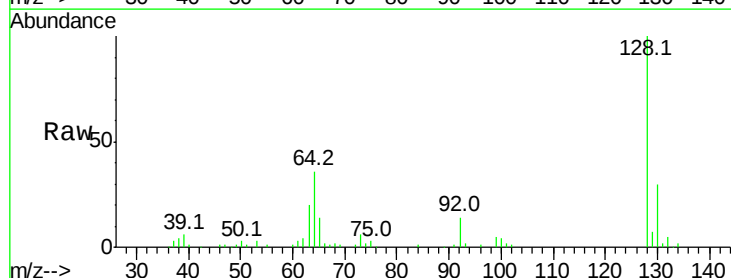
Tgt Ion: 128 Resp: 62534

Ion Ratio Lower Upper

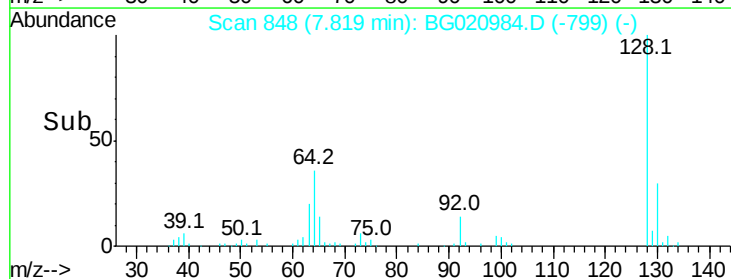
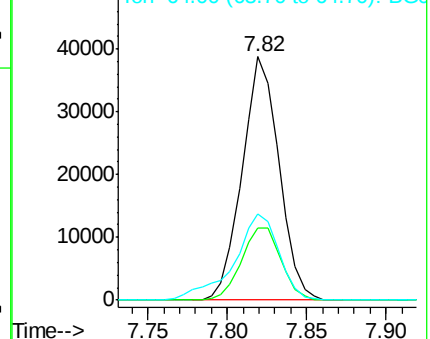
128 100

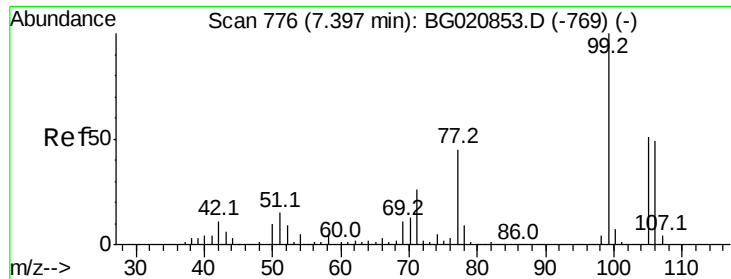
130 29.6 12.3 52.3

64 35.5 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

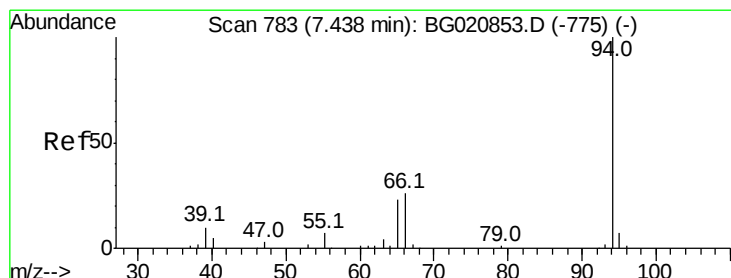
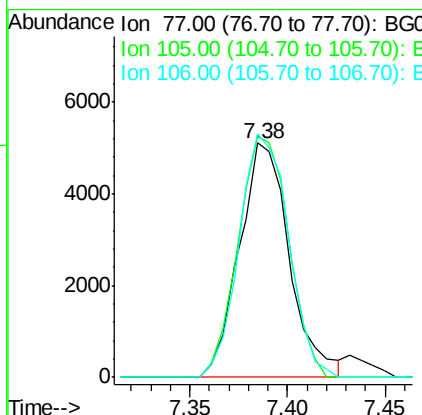
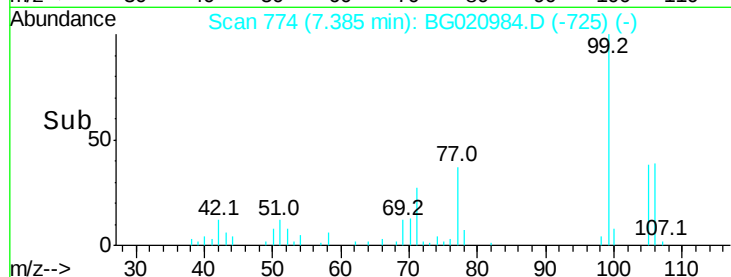
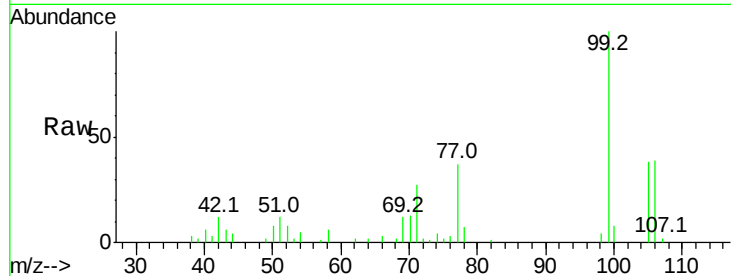




#9
Benzaldehyde
Concen: 11.34 ng
RT: 7.38 min Scan# 774
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

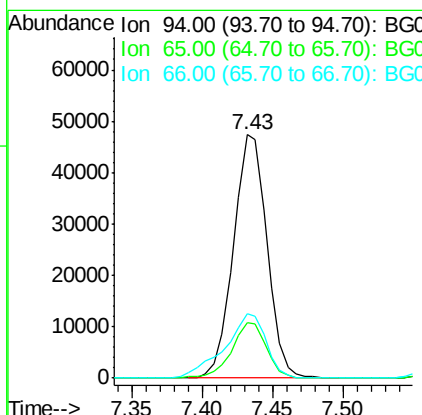
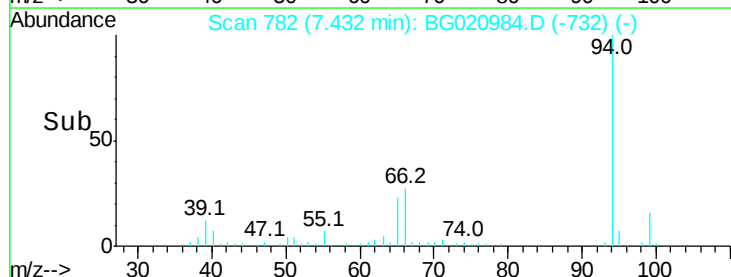
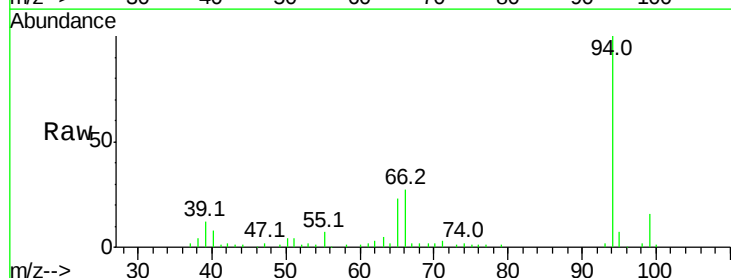
Instrument :
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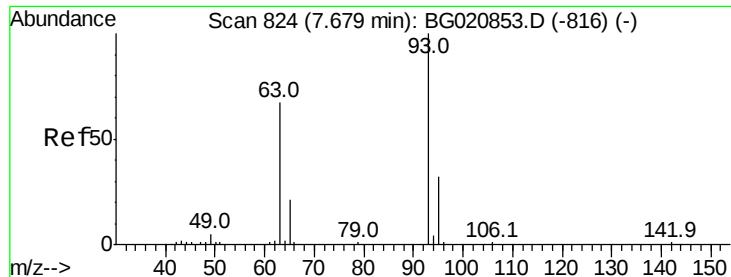
Tot Ion: 77 Resp: 9100
Ion Ratio Lower Upper
77 100
105 102.9 93.4 133.4
106 103.9 88.7 128.7



#10
Phenol
Concen: 46.21 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion: 94 Resp: 78379
Ion Ratio Lower Upper
94 100
65 22.7 2.8 42.8
66 26.5 7.2 47.2





#11

bis(2-Chloroethyl)ether

Concen: 39.80 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

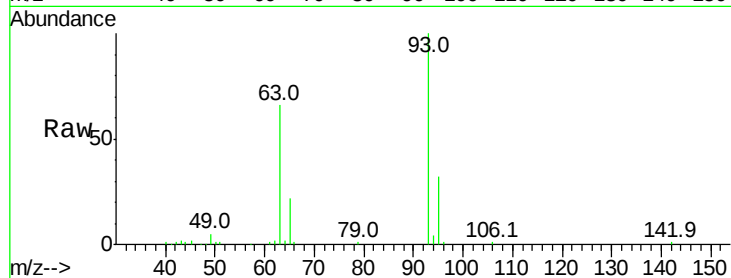
Tot Ion: 93 Resp: 53912

Ion Ratio Lower Upper

93 100

63 66.1 46.4 86.4

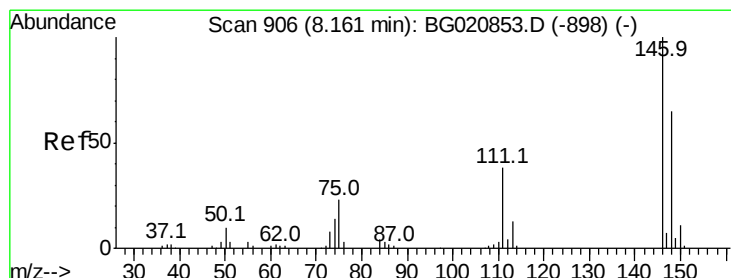
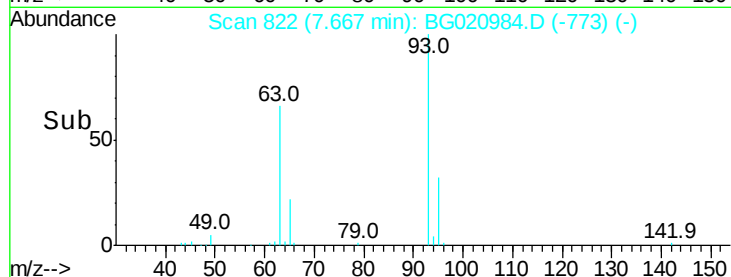
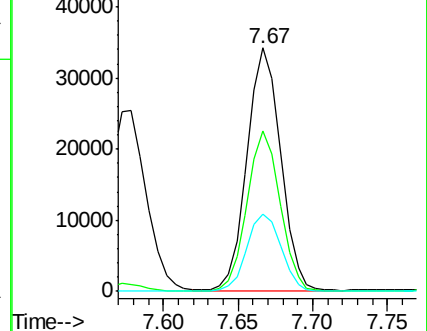
95 32.0 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.07 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

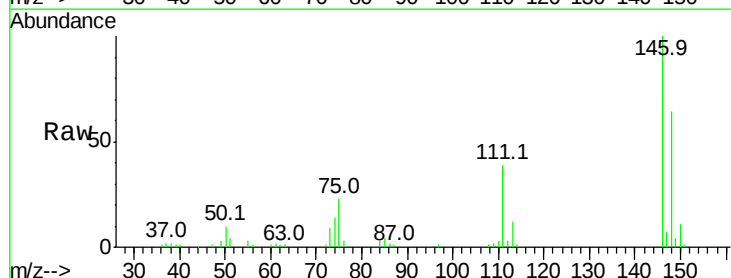
Tgt Ion: 146 Resp: 58033

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

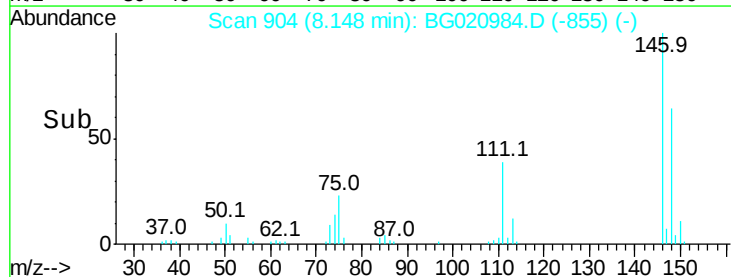
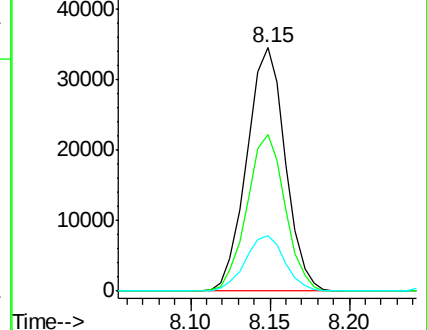
75 22.6 18.7 28.1

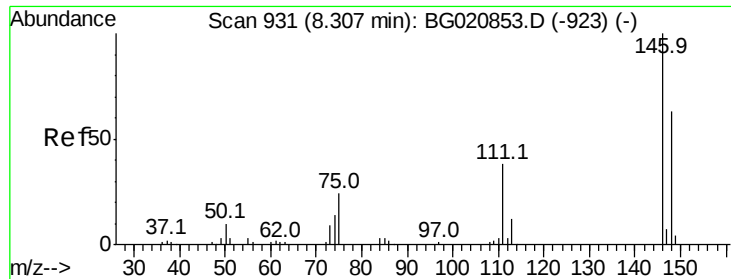


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.36 ng

RT: 8.30 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

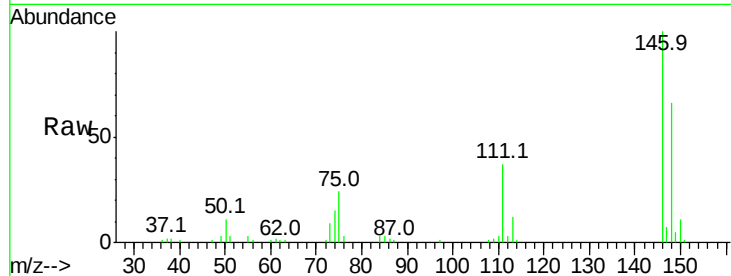
Tot Ion:146 Resp: 60732

Ion Ratio Lower Upper

146 100

148 66.1 50.8 76.2

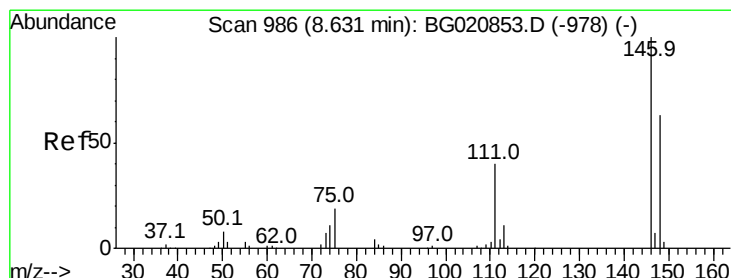
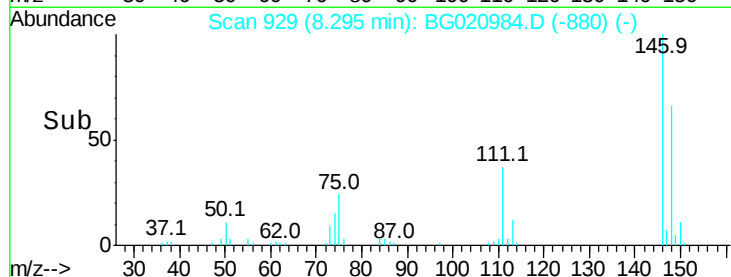
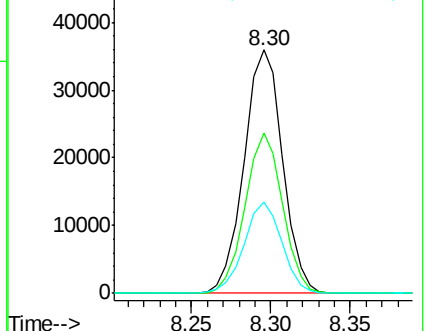
111 37.5 30.1 45.1



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: 41.64 ng

RT: 8.62 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

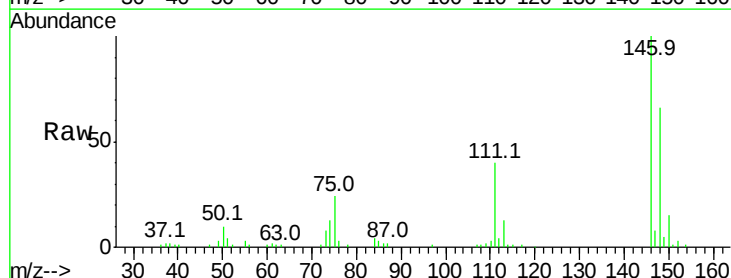
Tgt Ion:146 Resp: 59481

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

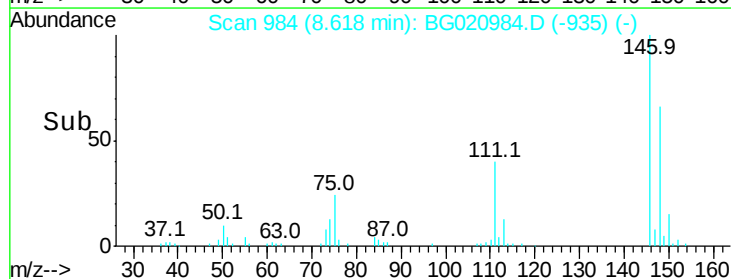
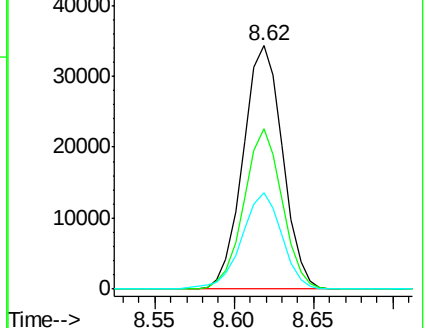
111 39.7 32.6 48.8

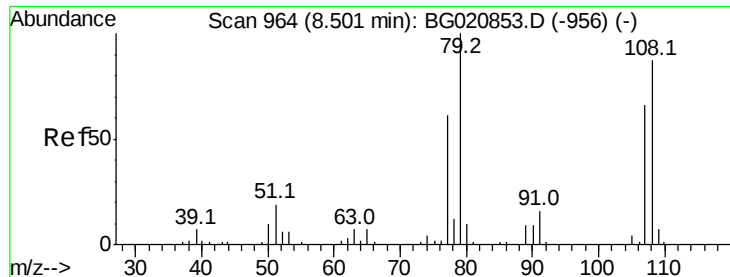


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.78 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

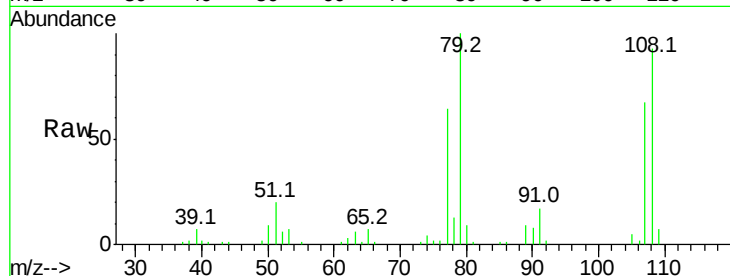
Tot Ion: 79 Resp: 46252

Ion Ratio Lower Upper

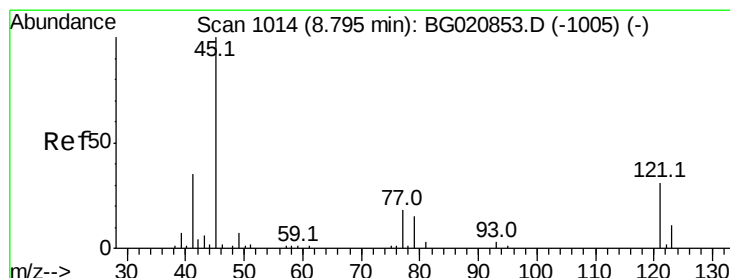
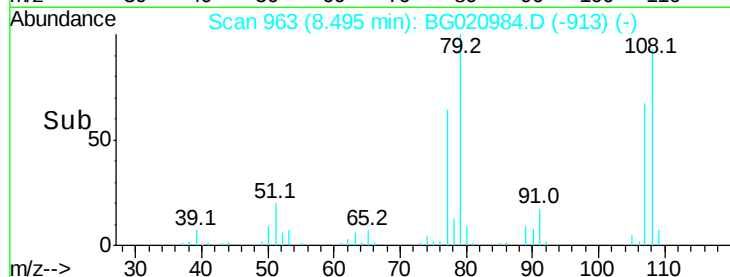
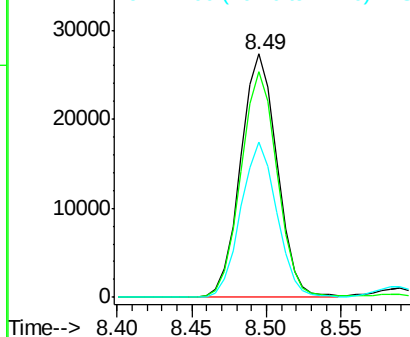
79 100

108 92.9 69.4 104.2

77 63.6 48.6 73.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.12 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

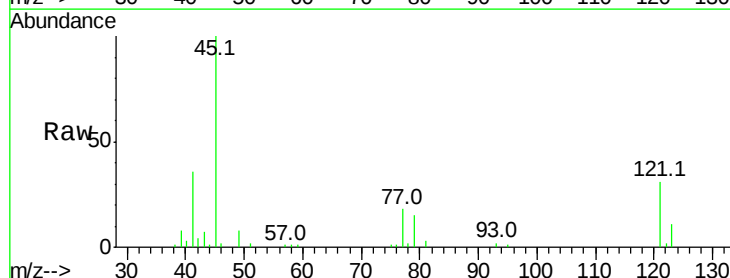
Tgt Ion: 45 Resp: 53866

Ion Ratio Lower Upper

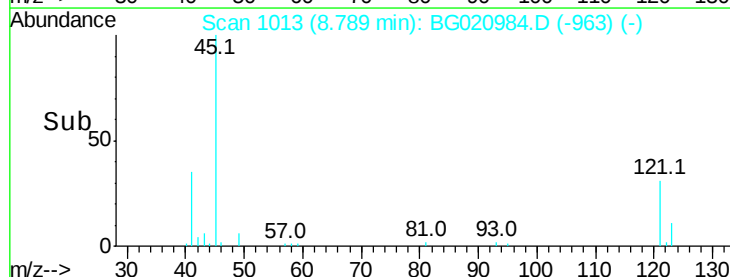
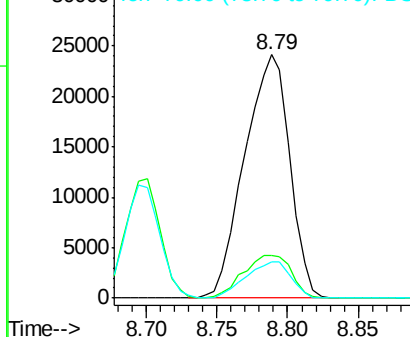
45 100

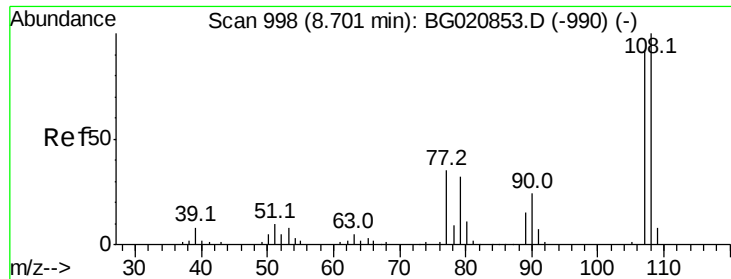
77 17.7 0.0 38.5

79 14.9 0.0 34.9



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

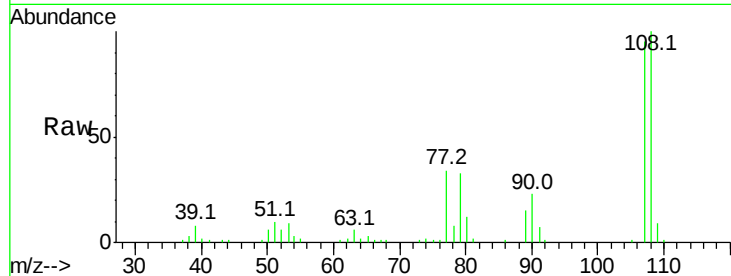




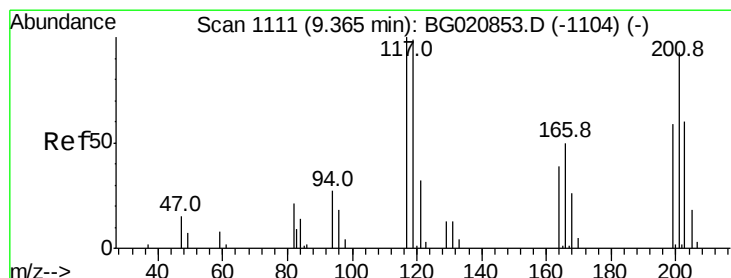
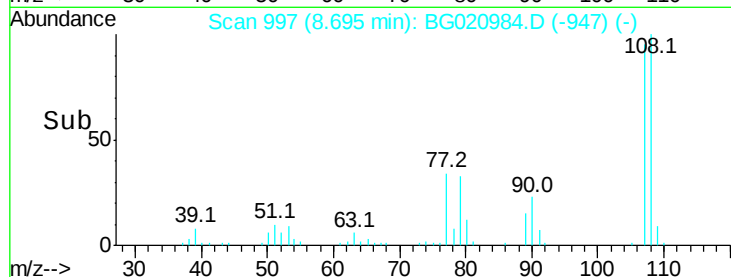
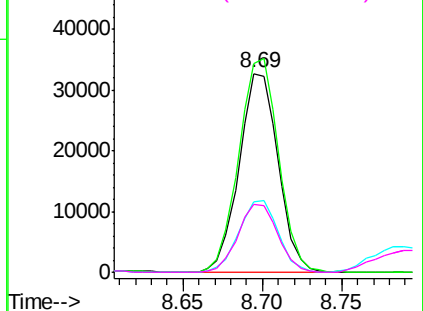
#17
2-Methylphenol
Concen: 45.86 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion:107 Resp: 56039
Ion Ratio Lower Upper
107 100
108 105.2 87.0 130.4
77 35.4 30.1 45.1
79 34.4 27.4 41.2

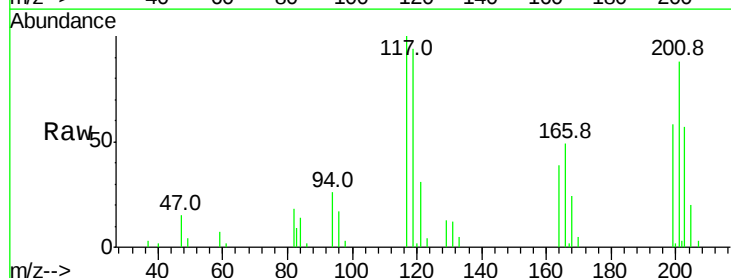


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

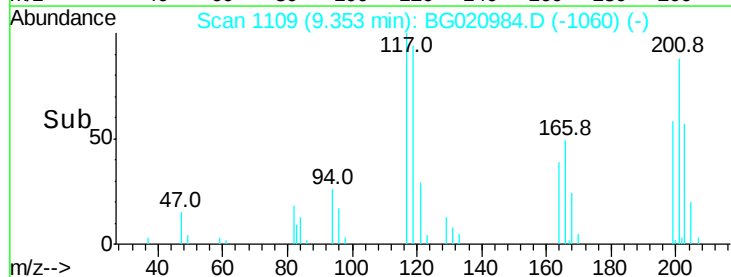
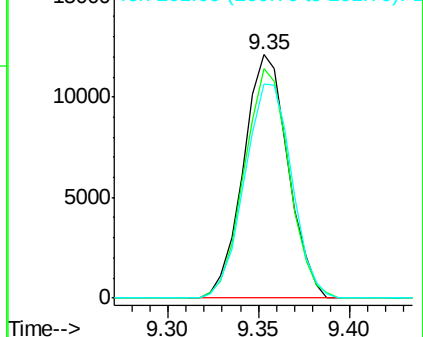


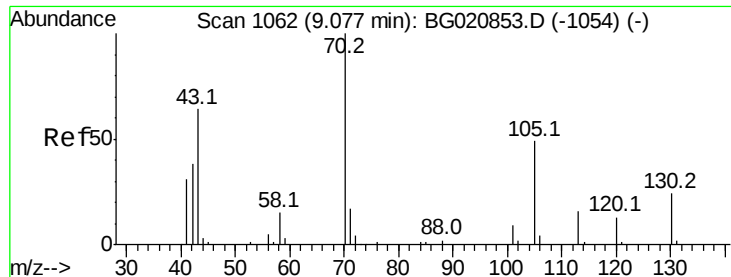
#18
Hexachloroethane
Concen: 41.28 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:117 Resp: 20844
Ion Ratio Lower Upper
117 100
119 94.1 79.6 119.4
201 88.1 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

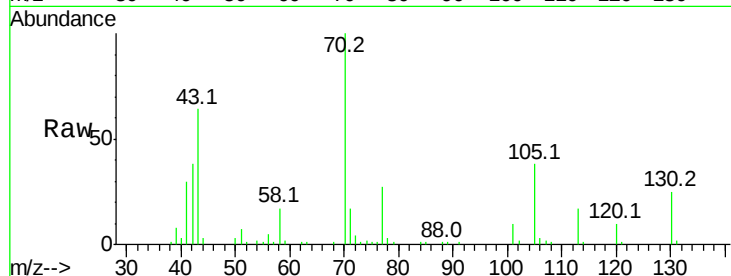




#19
n-Nitroso-di-n-propylamine
Concen: 40.18 ng
RT: 9.06 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

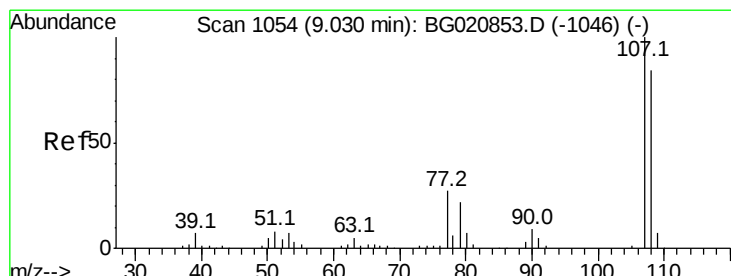
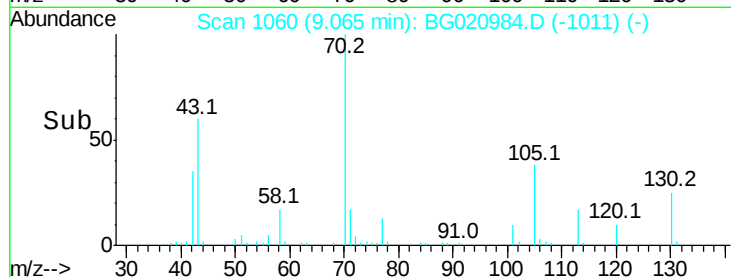
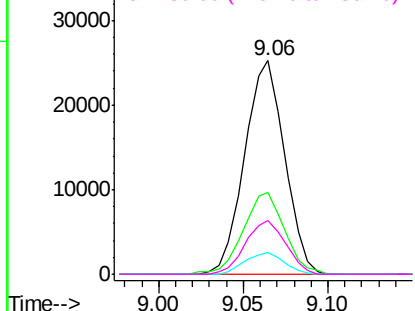
Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion: 70 Resp: 41549
Ion Ratio Lower Upper
70 100
42 38.4 30.9 46.3
101 9.9 7.3 10.9
130 25.2 19.4 29.0



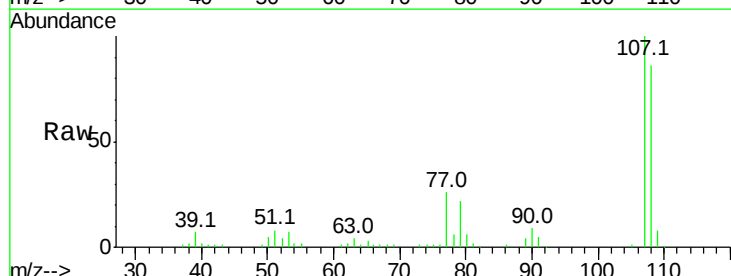
Abundance

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



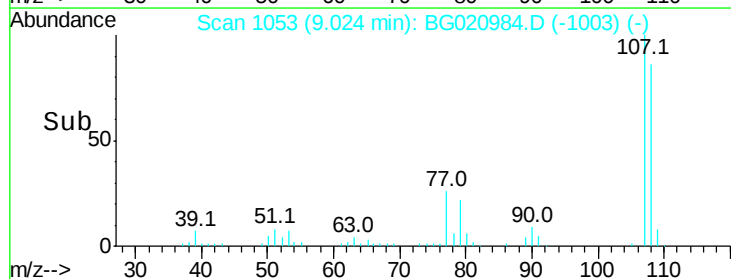
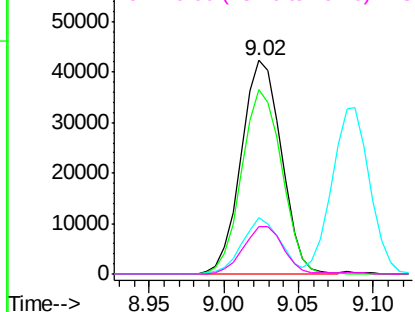
#20
3+4-Methylphenols
Concen: 46.41 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

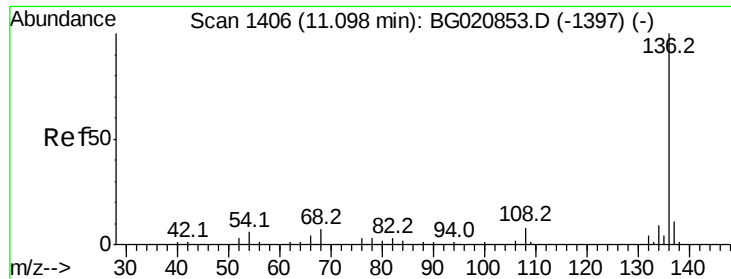
Tgt Ion: 107 Resp: 79022
Ion Ratio Lower Upper
107 100
108 86.3 64.4 104.4
77 26.2 7.1 47.1
79 22.5 1.9 41.9



Abundance

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

Tot Ion:136 Resp: 97024

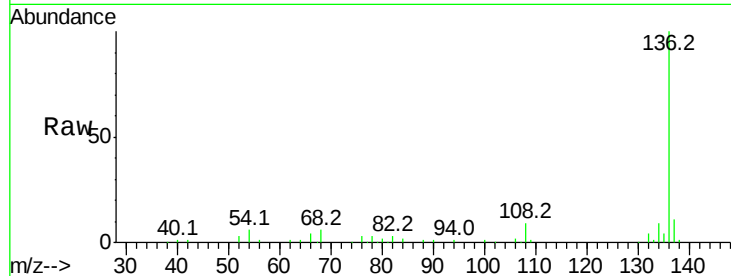
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.6 5.0 7.4

68 5.9 5.2 7.8

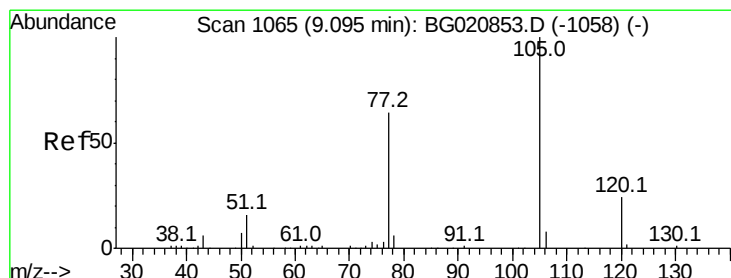
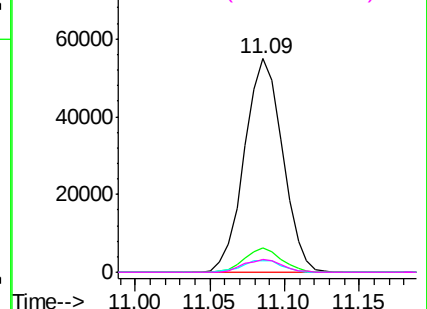
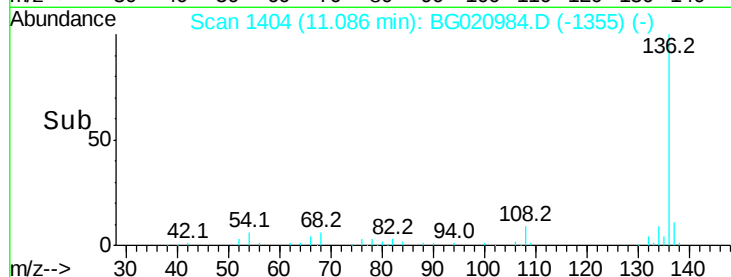


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.09 ng

RT: 9.09 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:105 Resp: 86731

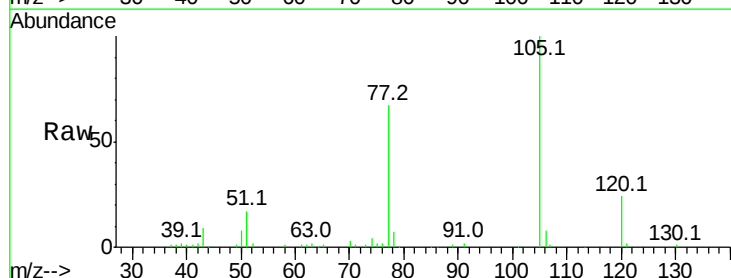
Ion Ratio Lower Upper

105 100

71 0.8 1.4 2.0#

51 17.3 13.7 20.5

120 24.2 19.0 28.6

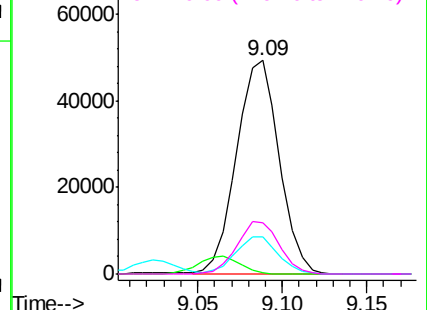
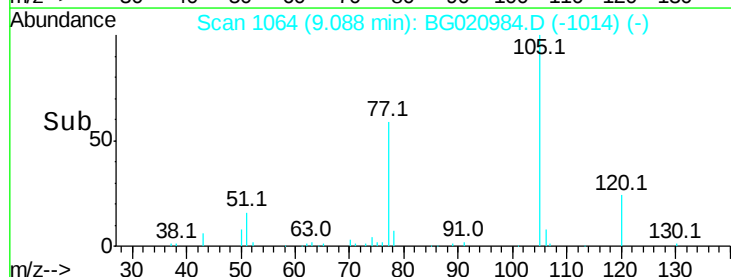


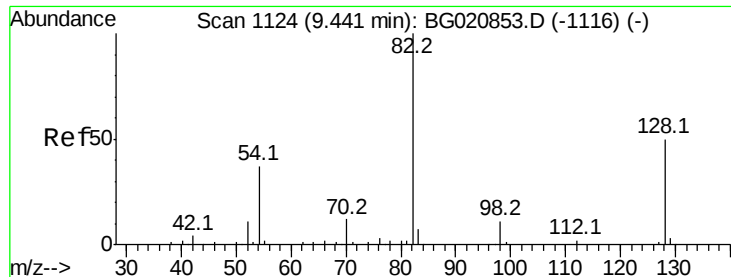
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

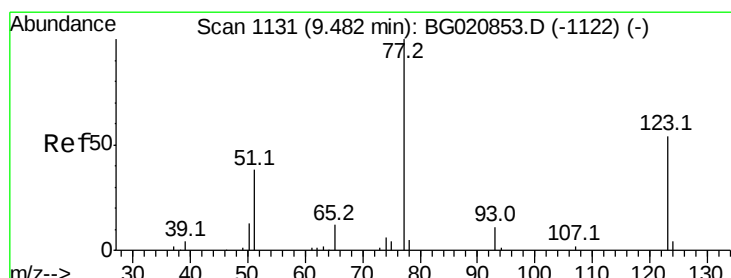
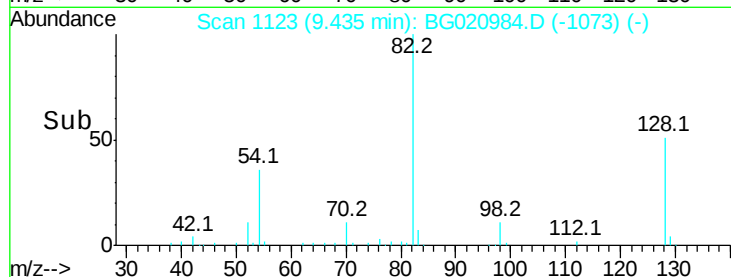
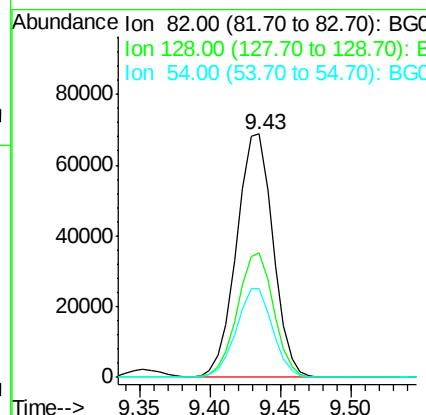
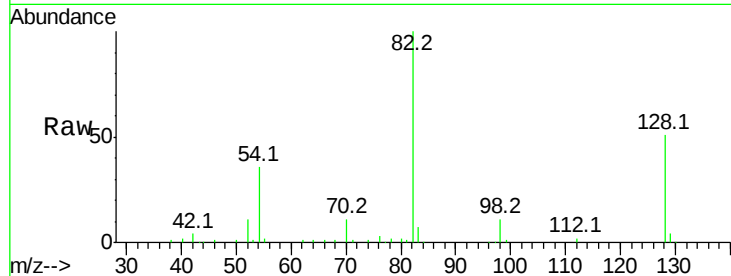




#23
 Nitrobenzene-d5
 Concen: 84.26 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

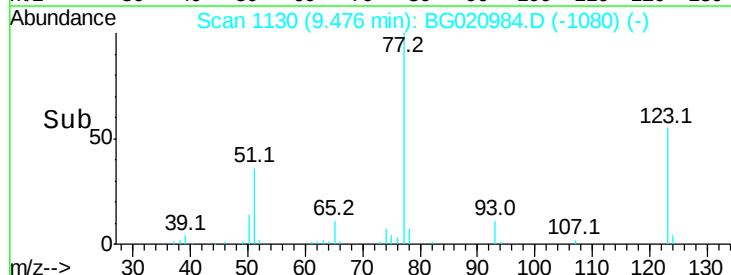
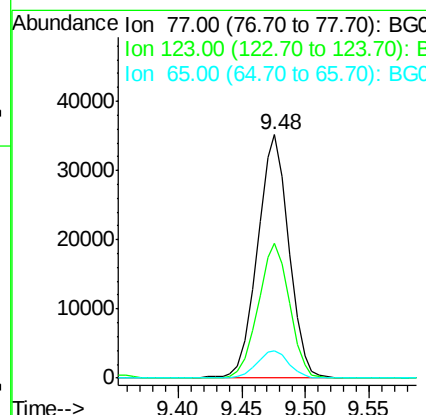
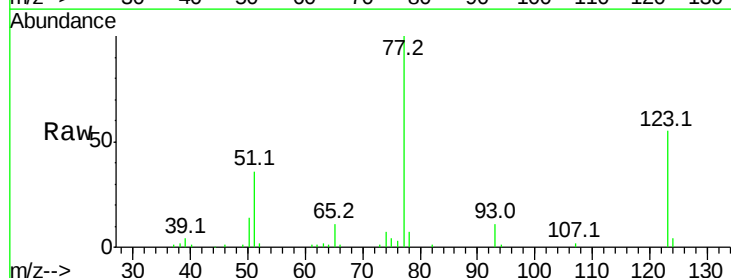
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

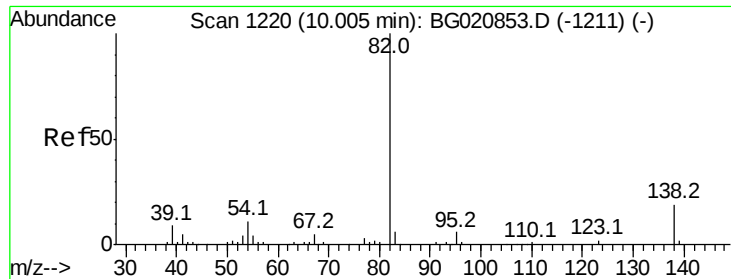
Tot Ion	82	Resp	124342
Ion Ratio	100	Lower	Upper
128	51.3	40.1	60.1
54	36.5	29.5	44.3



#24
 Nitrobenzene
 Concen: 39.23 ng
 RT: 9.48 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	77	Resp	60350
Ion Ratio	100	Lower	Upper
123	55.4	43.2	64.8
65	11.1	9.2	13.8





#25

Isophorone

Concen: 38.92 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

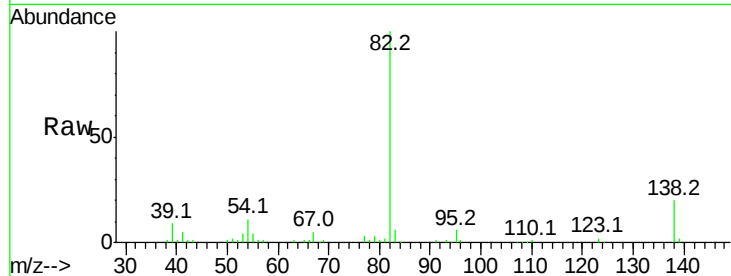
Tot Ion: 82 Resp: 121045

Ion Ratio Lower Upper

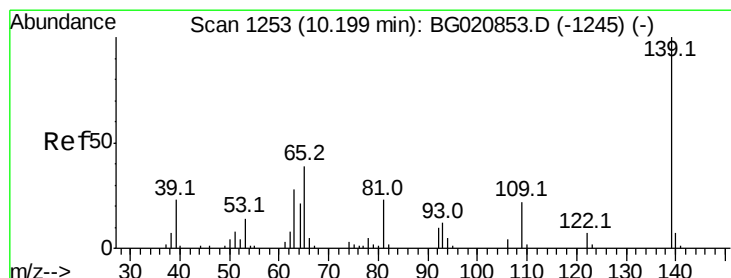
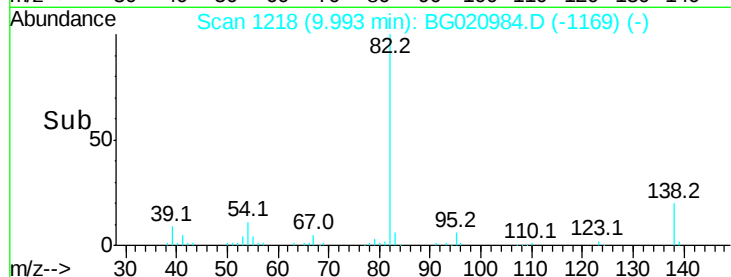
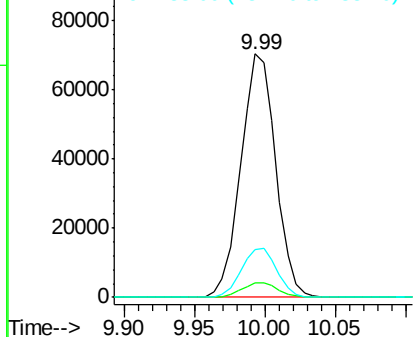
82 100

95 5.7 4.8 7.2

138 19.5 15.4 23.0



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



#26

2-Nitrophenol

Concen: 43.58 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

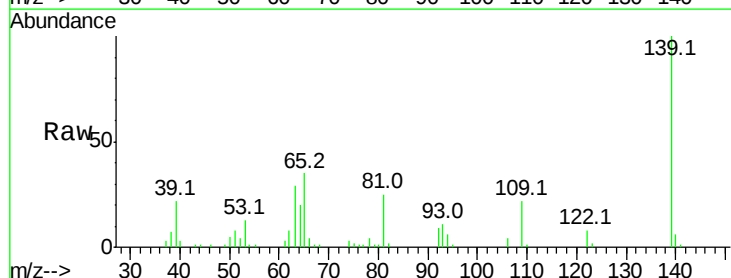
Tgt Ion:139 Resp: 35280

Ion Ratio Lower Upper

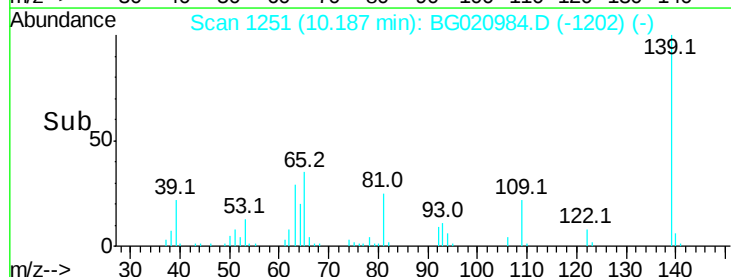
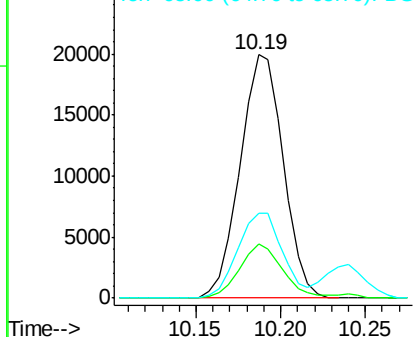
139 100

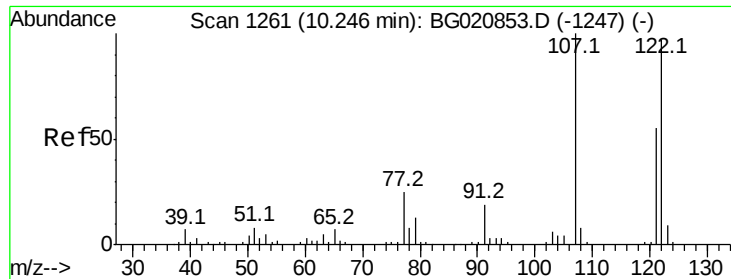
109 22.2 17.6 26.4

65 35.1 31.0 46.6



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

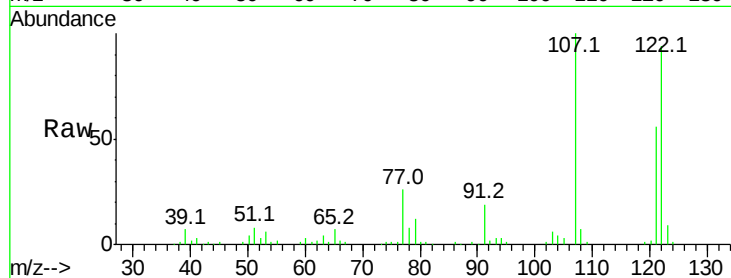




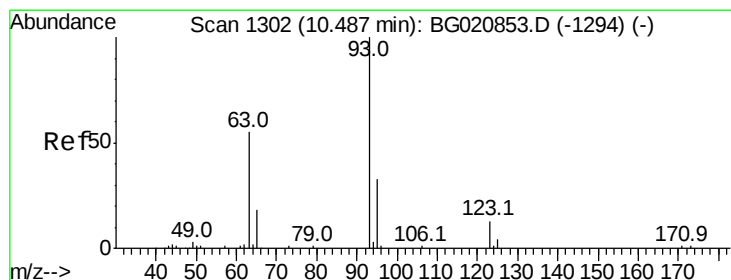
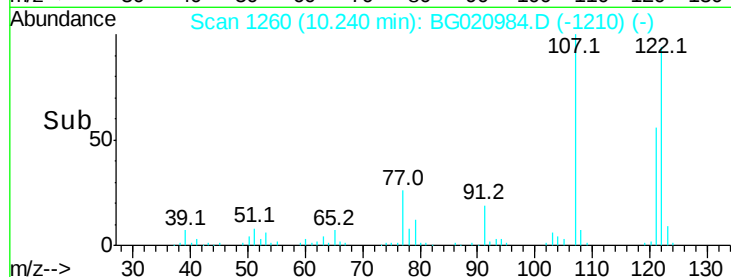
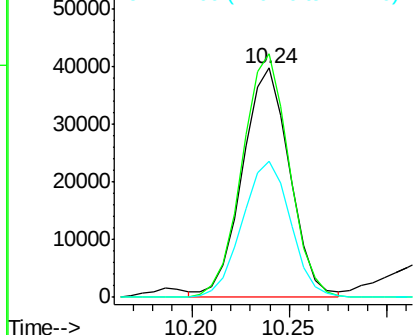
#27
2,4-Dimethylphenol
Concen: 42.95 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion:122 Resp: 66621
Ion Ratio Lower Upper
122 100
107 106.3 82.6 124.0
121 59.7 45.6 68.4

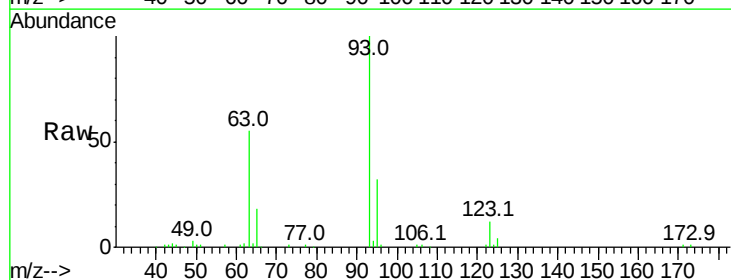


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

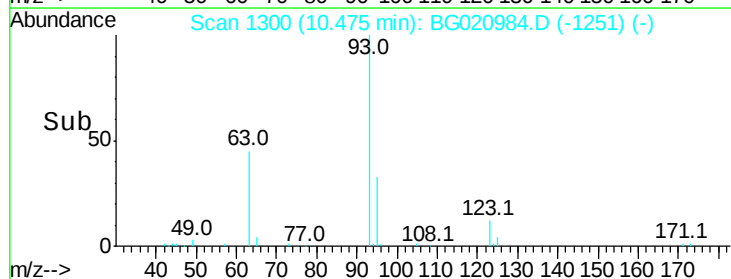
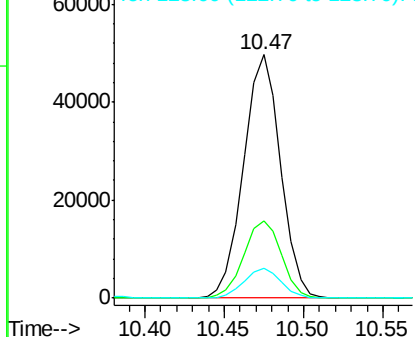


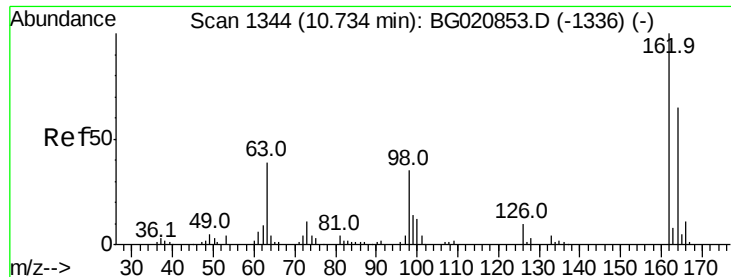
#28
bis(2-Chloroethoxy)methane
Concen: 41.91 ng
RT: 10.47 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion: 93 Resp: 80338
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.2
123 12.1 10.0 15.0



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

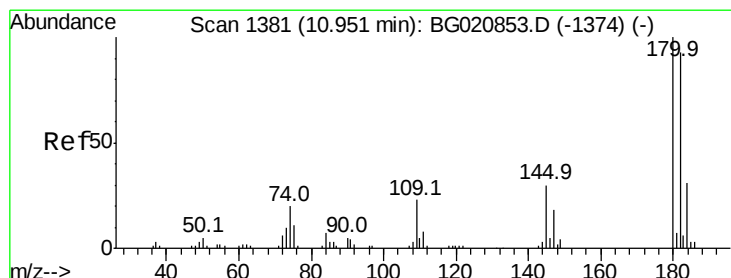
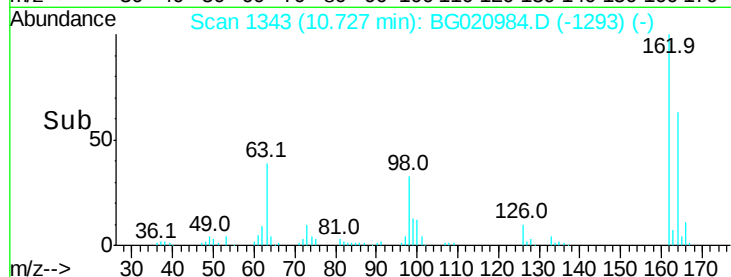
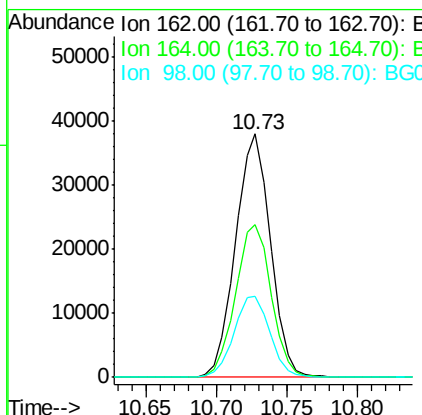
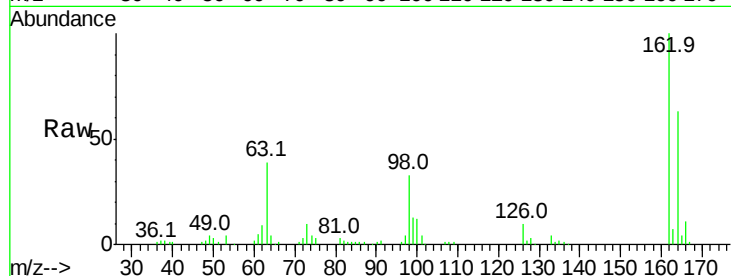




#29
 2,4-Dichlorophenol
 Concen: 47.32 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

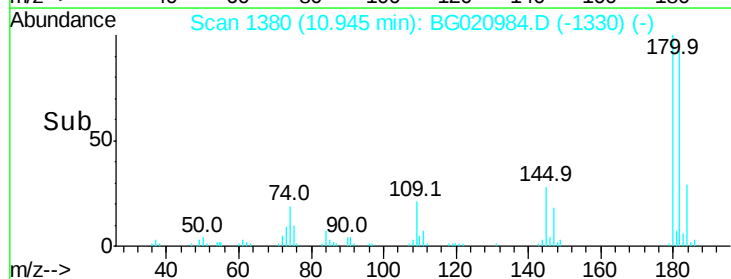
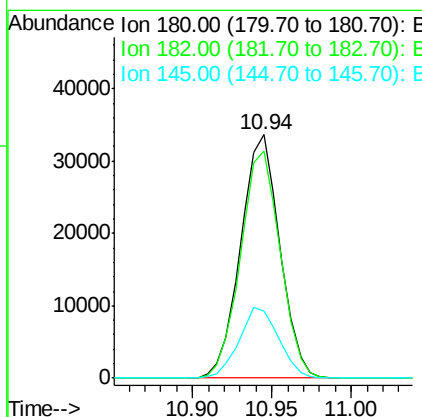
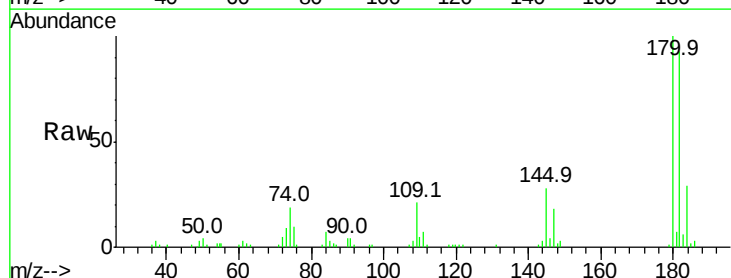
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

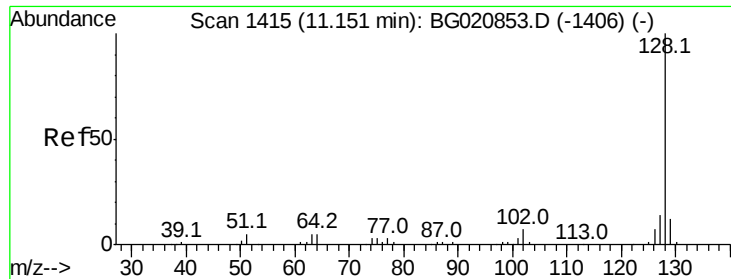
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.5	84.5
98	33.1	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 41.04 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.1	111.1
145	27.7	24.1	36.1

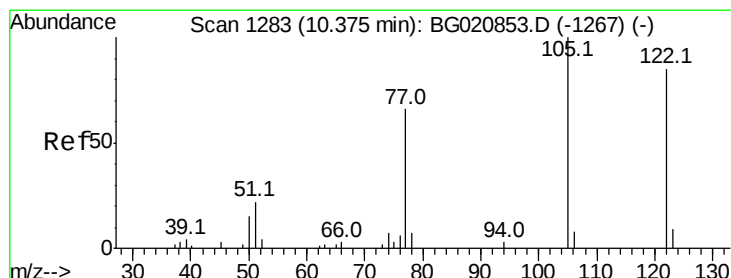
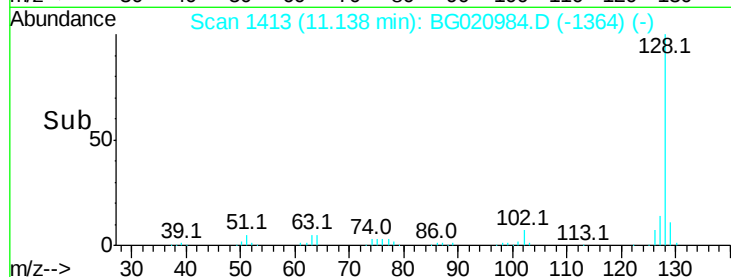
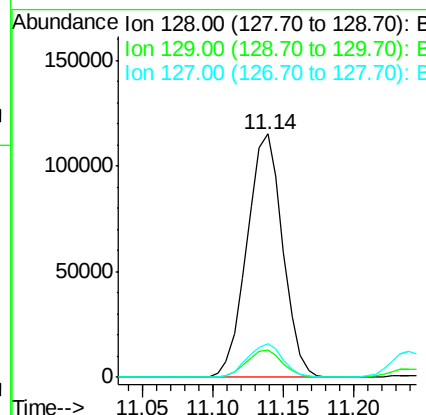
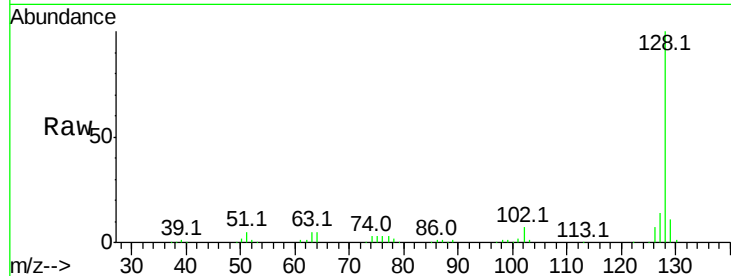




#31
Naphthalene
Concen: 40.72 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

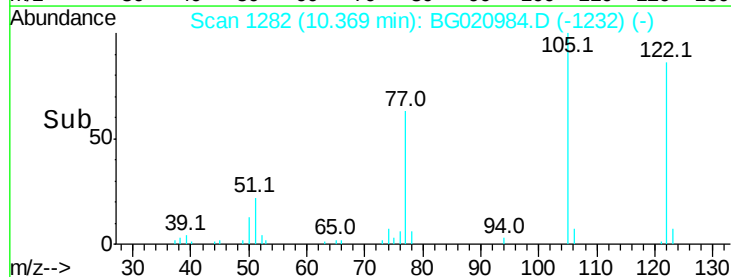
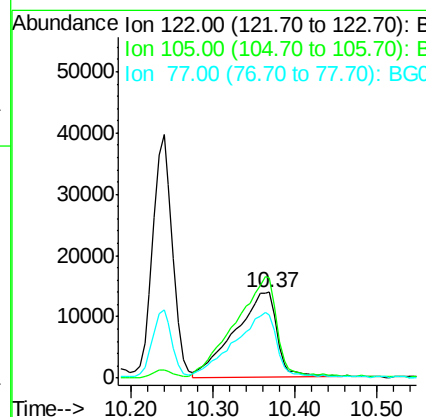
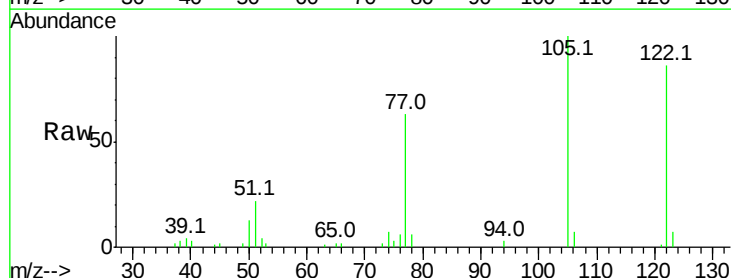
Instrument :
BNA_G
ClientSampleId :
PB88453BS

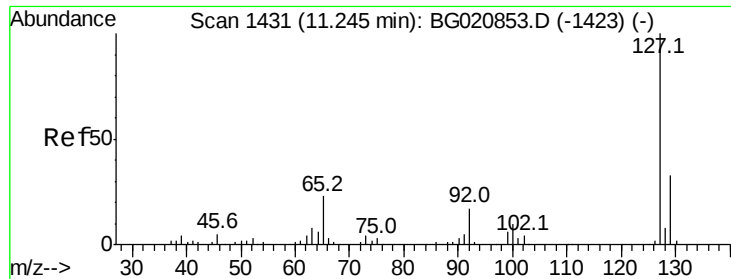
Tot Ion:128 Resp: 204378
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 40.07 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:122 Resp: 49860
Ion Ratio Lower Upper
122 100
105 116.7 94.0 134.0
77 73.5 56.8 96.8

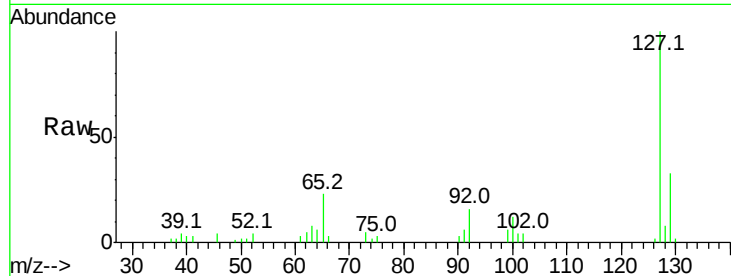




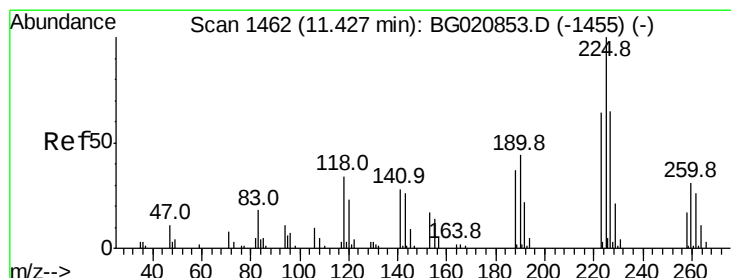
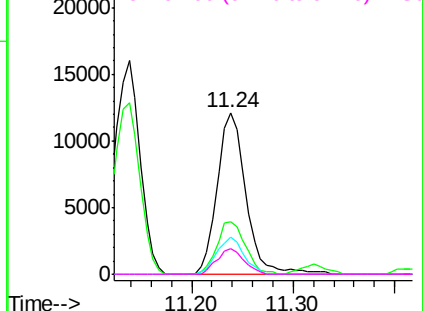
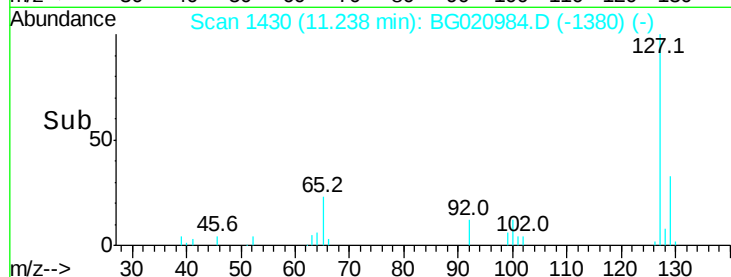
#33
4-Chloroaniline
Concen: 11.04 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion:	127	Resp:	23832
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	23.4	18.6	27.8
92	15.6	13.3	19.9

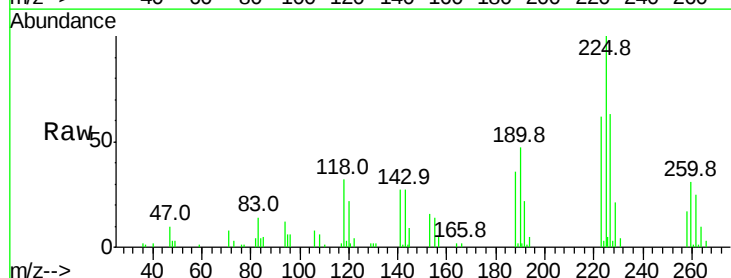


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

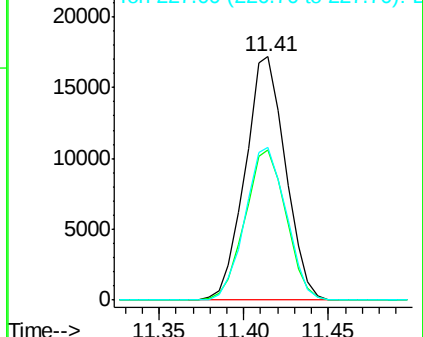
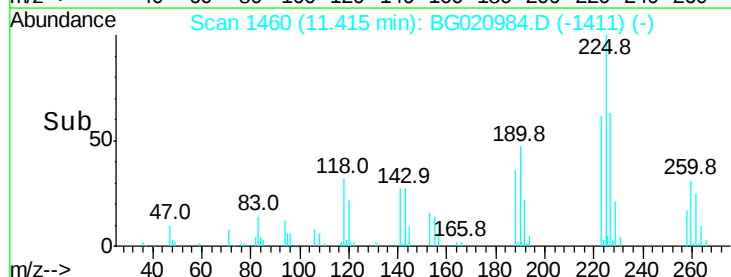


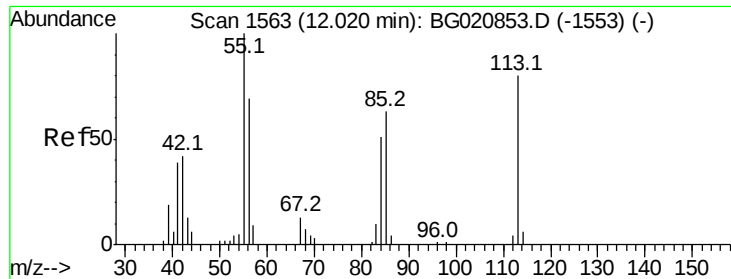
#34
Hexachlorobutadiene
Concen: 40.10 ng
RT: 11.41 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:	225	Resp:	28621
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	62.7	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: 36.71 ng

RT: 12.01 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

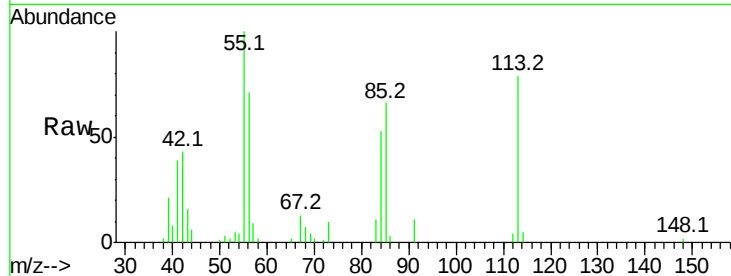
Tot Ion:113 Resp: 19554

Ion Ratio Lower Upper

113 100

55 127.0 104.4 144.4

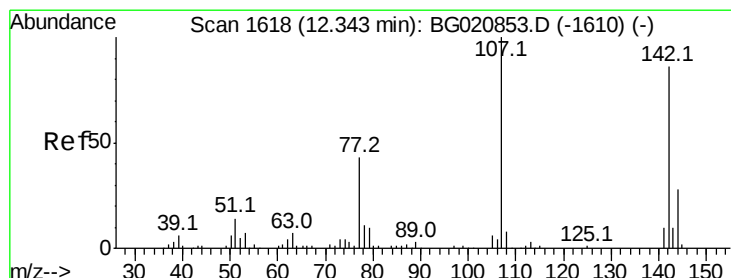
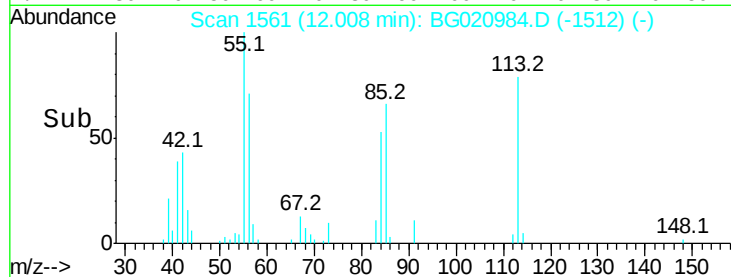
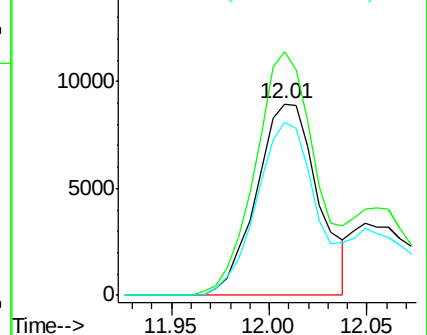
56 90.6 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.84 ng

RT: 12.34 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

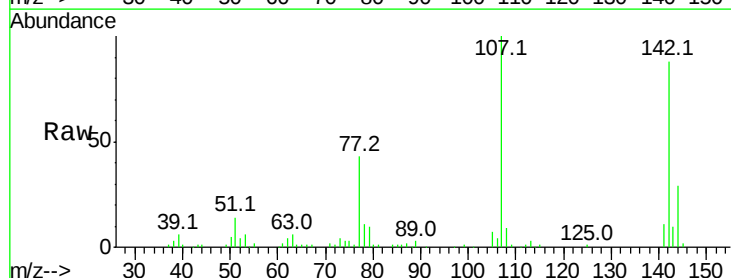
Tgt Ion:107 Resp: 76208

Ion Ratio Lower Upper

107 100

144 28.7 22.4 33.6

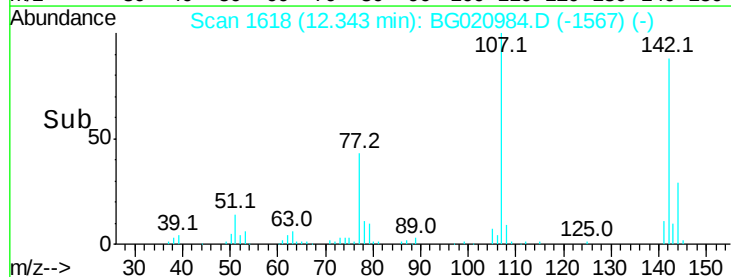
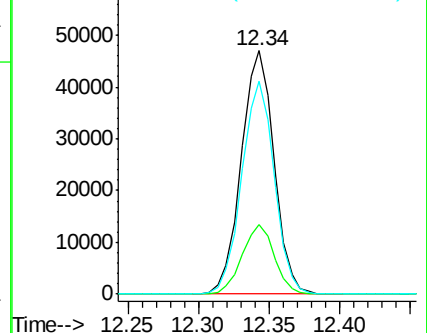
142 87.7 68.6 103.0

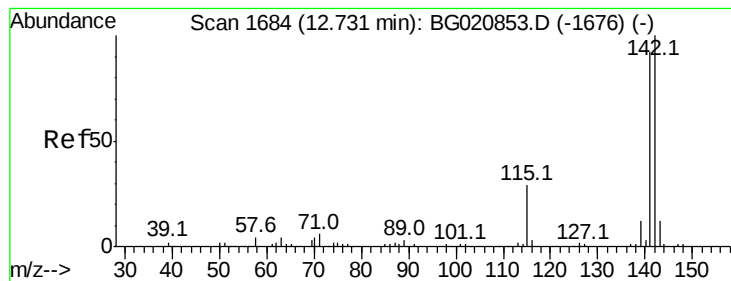


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.25 ng

RT: 12.72 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

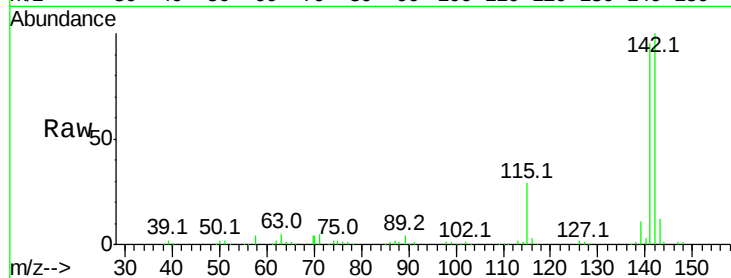
Tot Ion:142 Resp: 159369

Ion Ratio Lower Upper

142 100

141 94.9 73.4 110.2

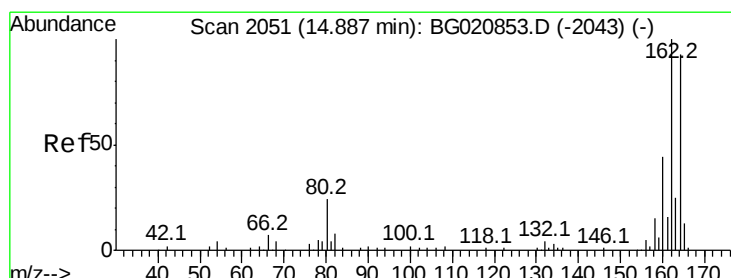
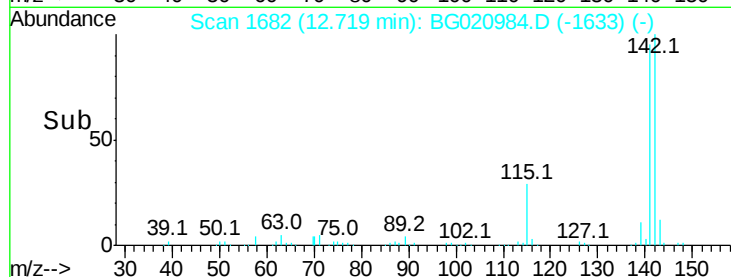
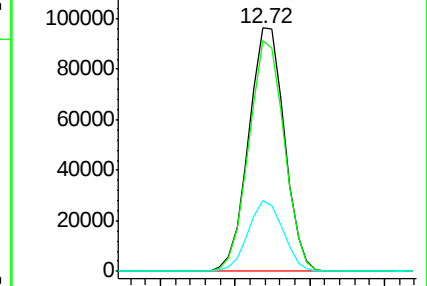
115 29.1 23.0 34.6



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: BG020984.D

Acq: 19 Feb 2016 22:52

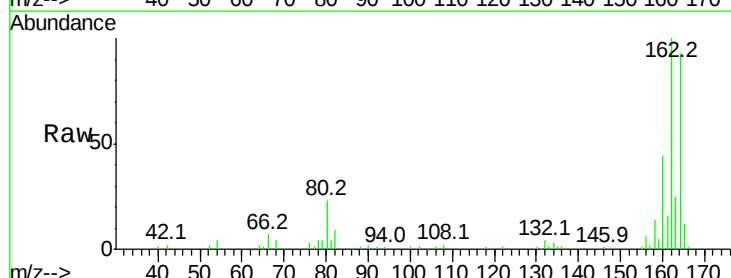
Tgt Ion:164 Resp: 63773

Ion Ratio Lower Upper

164 100

162 107.5 85.7 128.5

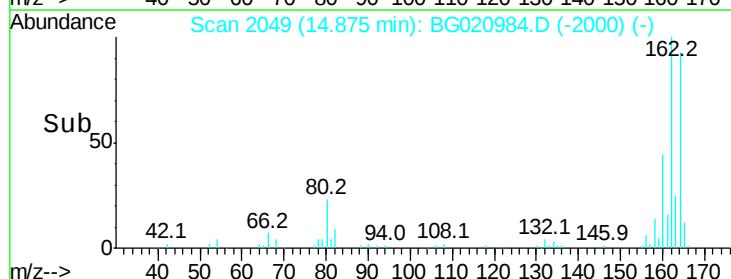
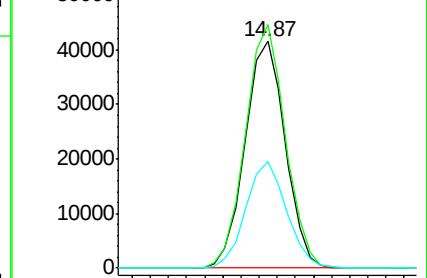
160 47.2 37.4 56.0

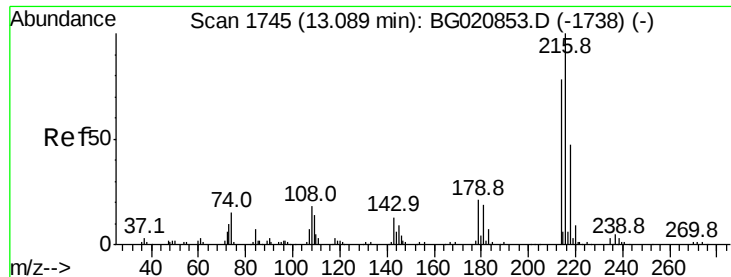


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.93 ng

RT: 13.08 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

Tot Ion:216 Resp: 67221

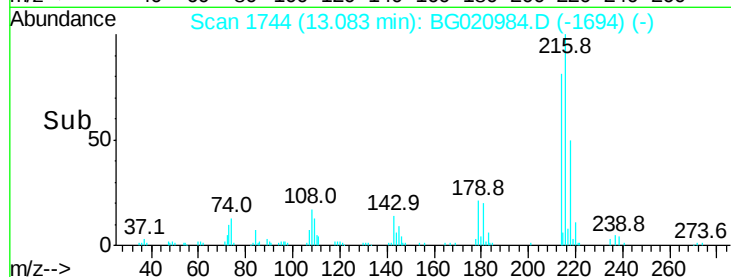
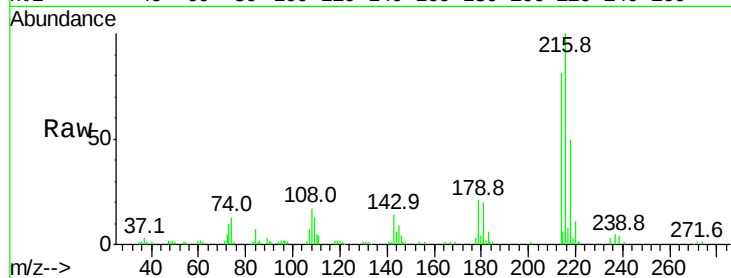
Ion Ratio Lower Upper

216 100

214 79.9 61.9 92.9

179 20.8 16.5 24.7

108 19.8 15.1 22.7

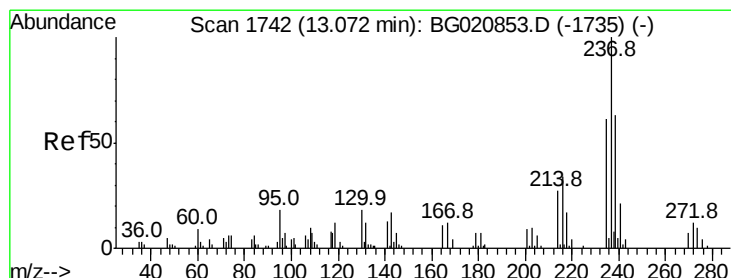
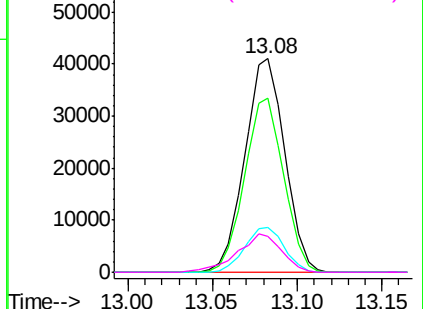


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.73 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

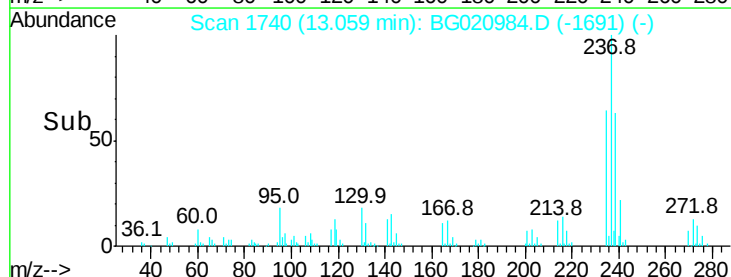
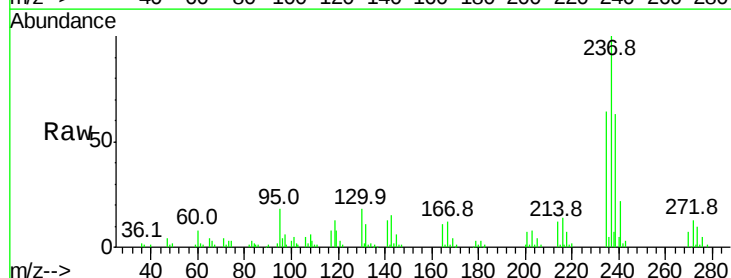
Tgt Ion:237 Resp: 61503

Ion Ratio Lower Upper

237 100

235 63.6 40.8 80.8

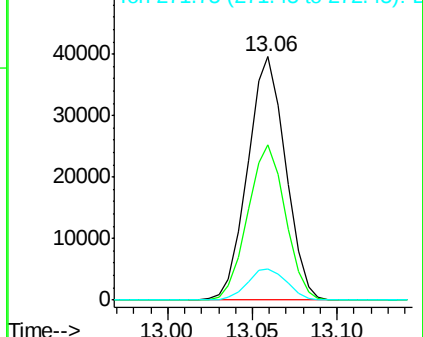
272 13.0 0.0 32.3

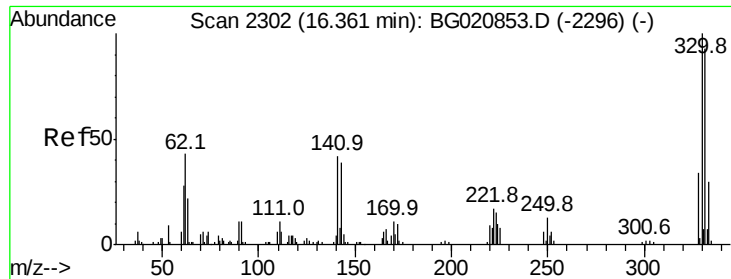


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 99.59 ng

RT: 16.35 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

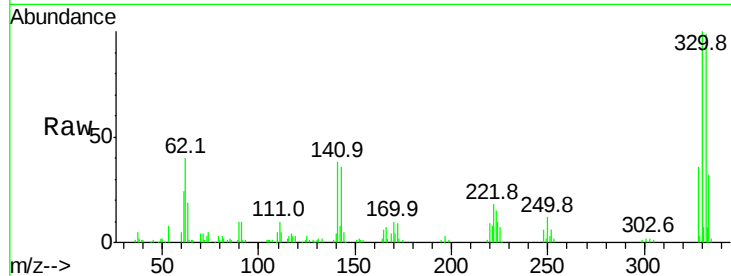
Tot Ion:330 Resp: 62459

Ion Ratio Lower Upper

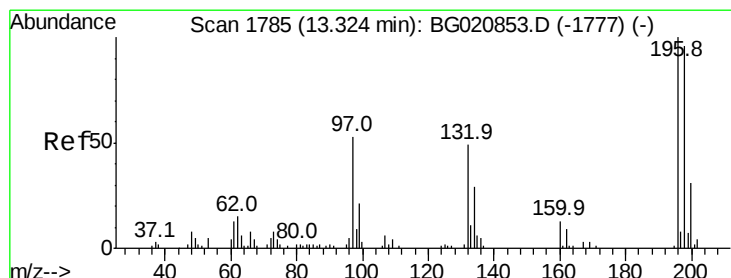
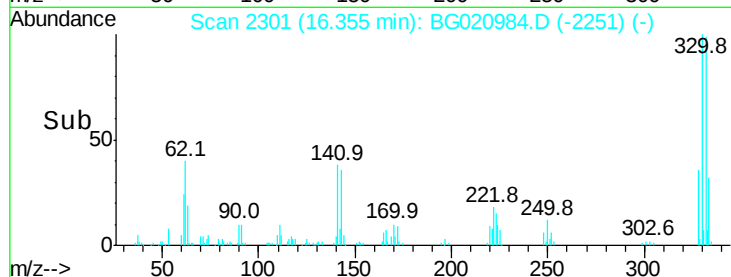
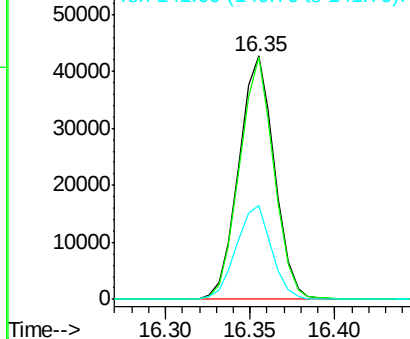
330 100

332 96.1 76.1 114.1

141 38.3 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: 43.65 ng

RT: 13.32 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

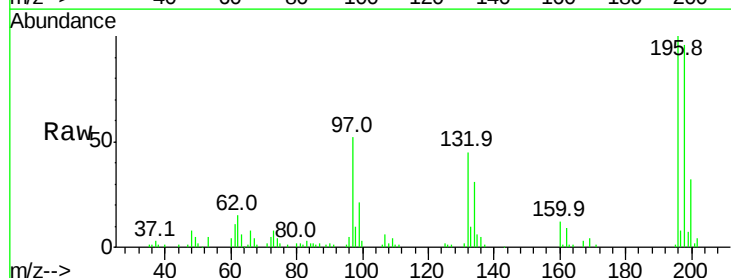
Tgt Ion:196 Resp: 54856

Ion Ratio Lower Upper

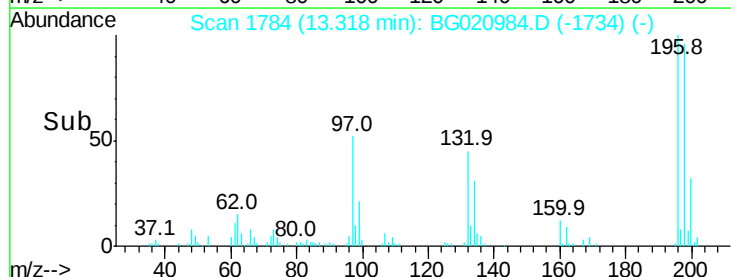
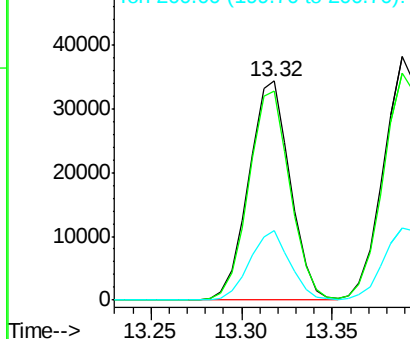
196 100

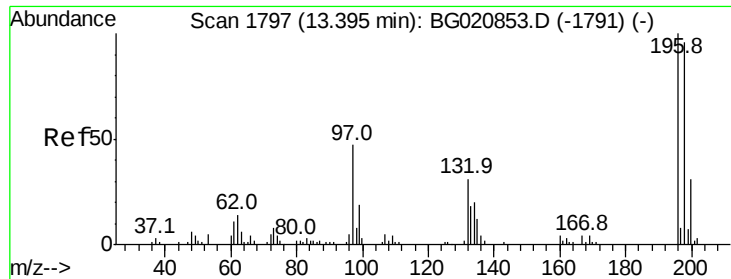
198 95.7 77.1 115.7

200 31.6 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

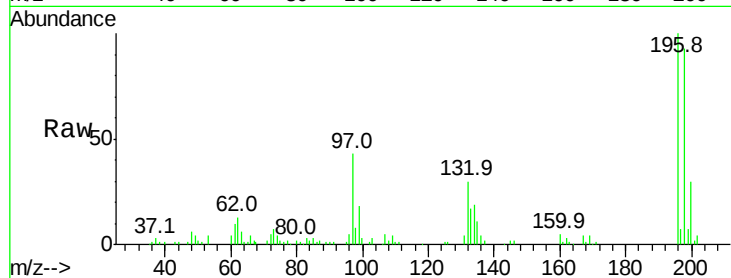




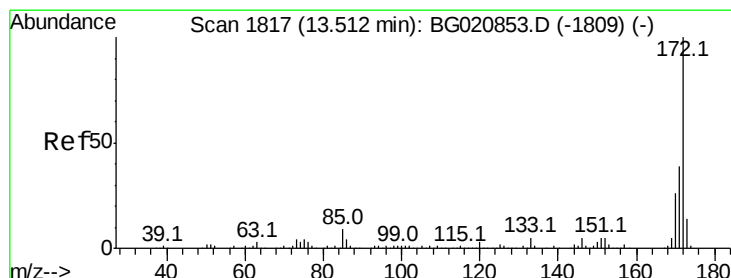
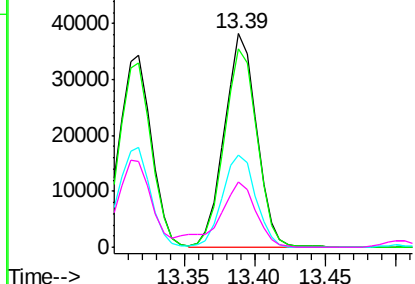
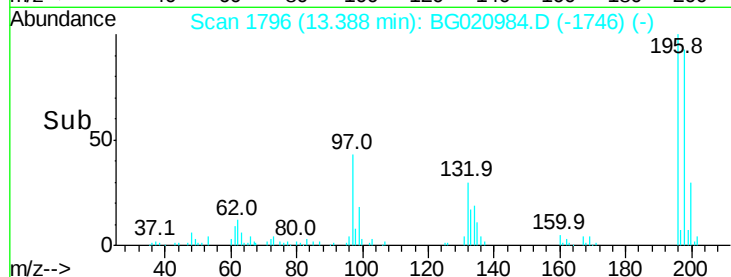
#43
 2,4,5-Trichlorophenol
 Concen: 46.02 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

Tot Ion:196 Resp: 60800
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.4 114.6
 97 43.3 37.4 56.0
 132 30.4 24.7 37.1

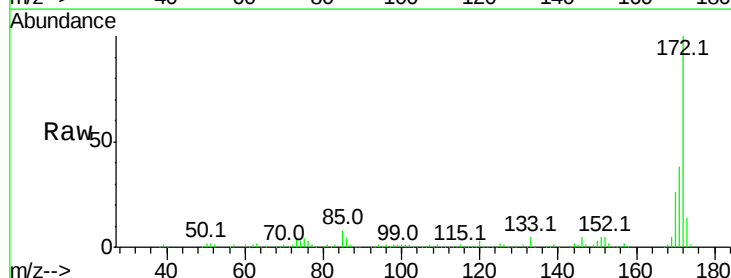


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

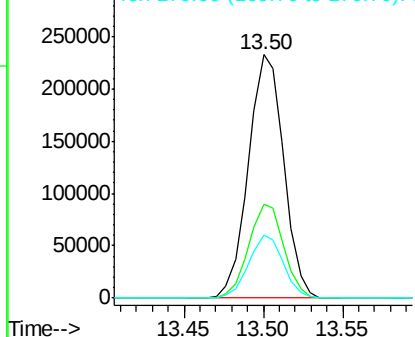
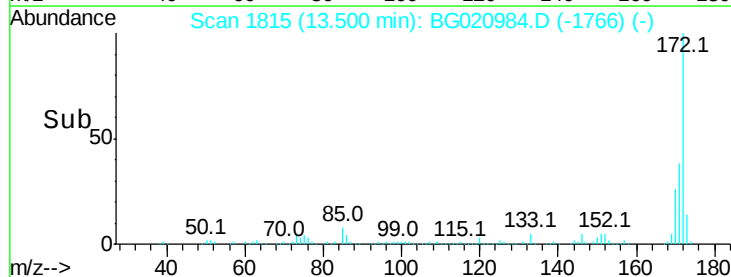


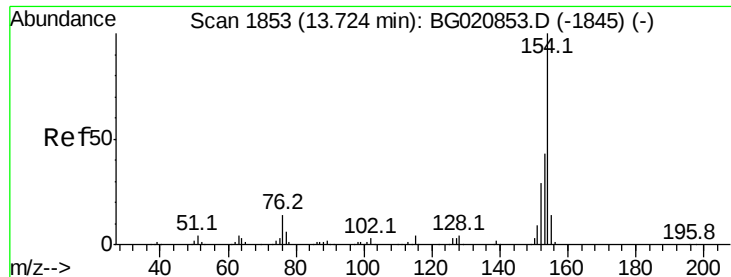
#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:172 Resp: 359864
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.2 46.8
 170 25.8 20.6 30.8



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





#45

1,1'-Biphenyl

Concen: 36.98 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

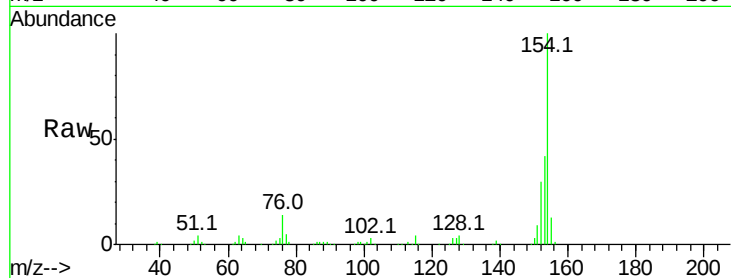
Tot Ion:154 Resp: 208070

Ion Ratio Lower Upper

154 100

153 42.4 22.5 62.5

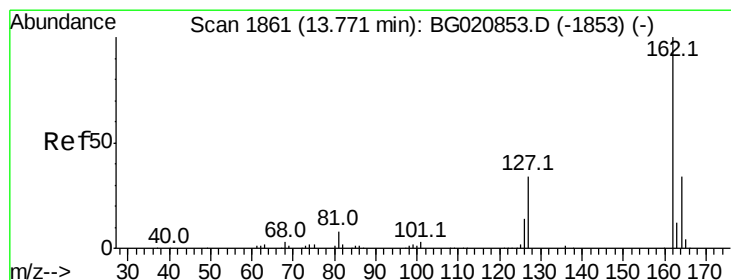
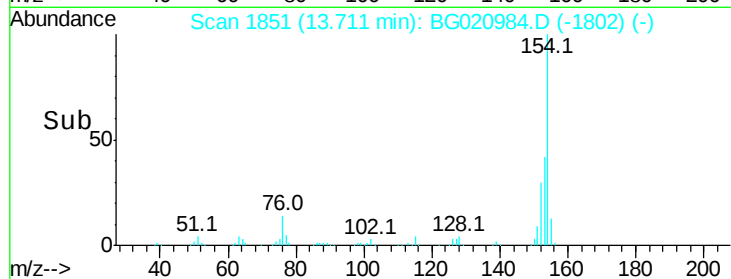
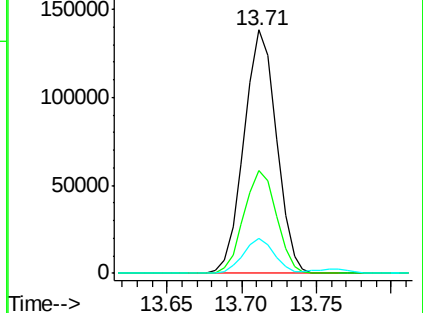
76 14.2 0.0 33.8



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: 38.86 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

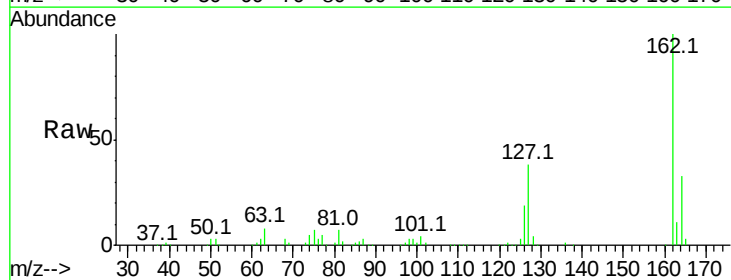
Tgt Ion:162 Resp: 156530

Ion Ratio Lower Upper

162 100

127 38.5 30.6 45.8

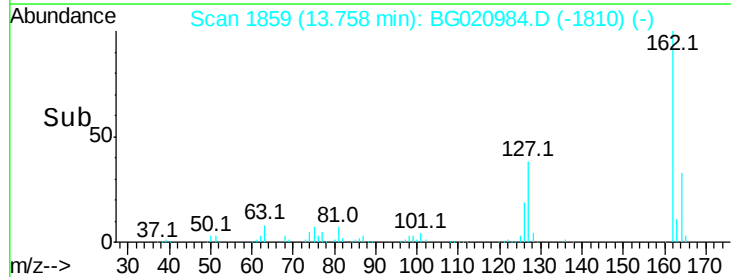
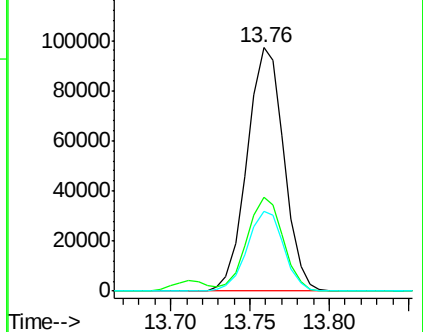
164 32.7 26.8 40.2

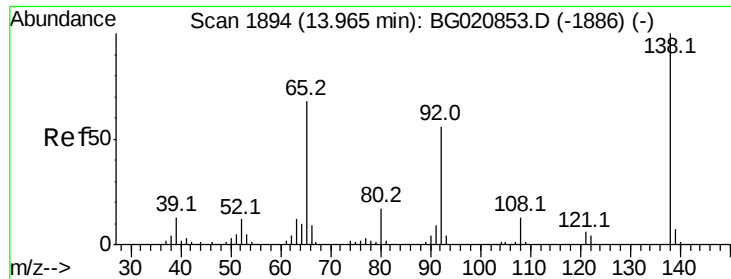


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.82 ng

RT: 13.96 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampled :

PB88453BS

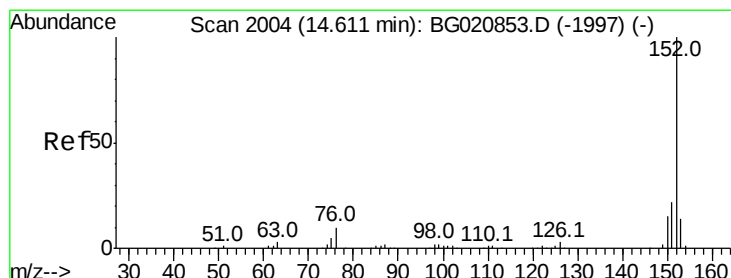
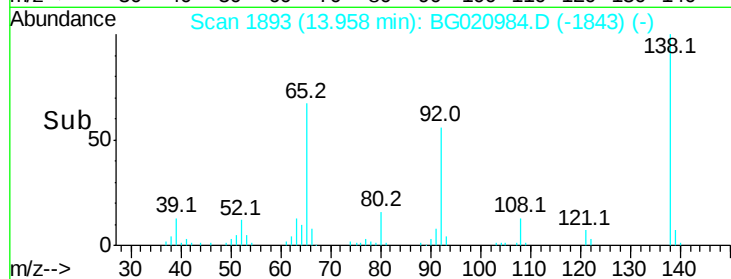
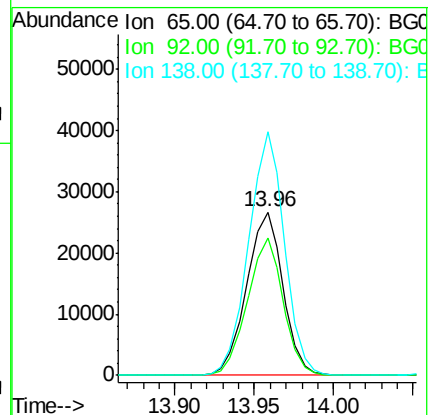
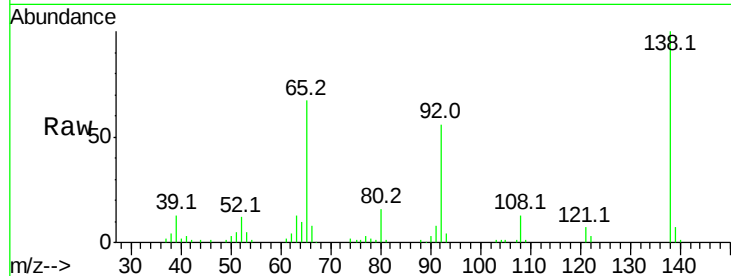
Tot Ion: 65 Resp: 42265

Ion Ratio Lower Upper

65 100

92 84.0 65.8 98.8

138 149.2 117.1 175.7



#48

Acenaphthylene

Concen: 40.54 ng

RT: 14.60 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

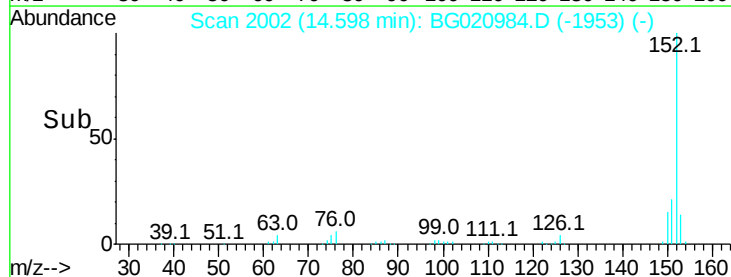
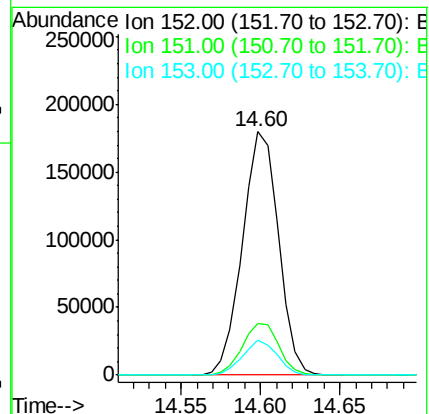
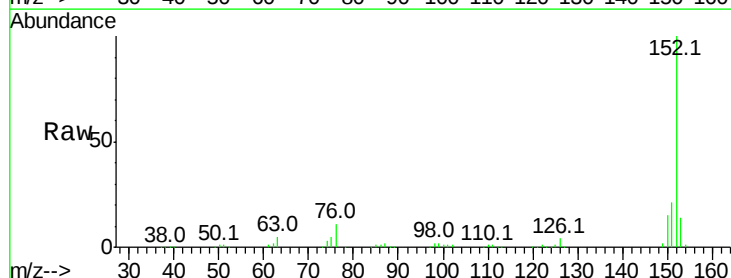
Tgt Ion: 152 Resp: 283933

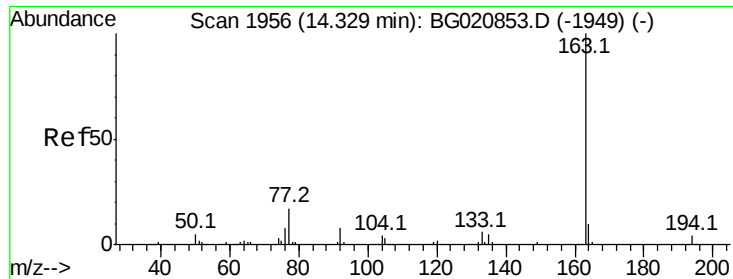
Ion Ratio Lower Upper

152 100

151 21.2 17.5 26.3

153 14.1 10.9 16.3





#49

Dimethylphthalate

Concen: 42.37 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

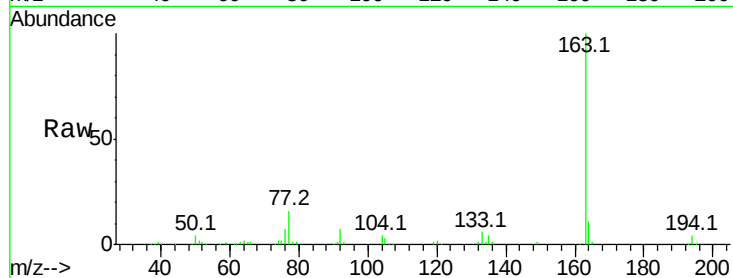
Tot Ion:163 Resp: 211296

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

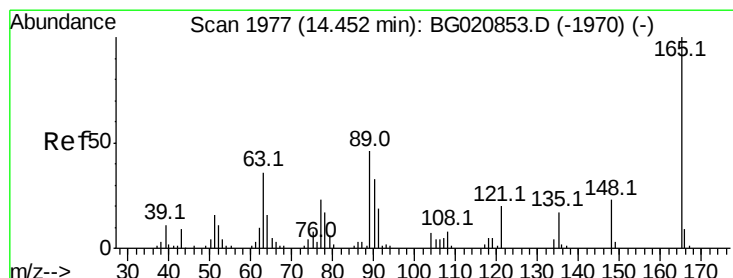
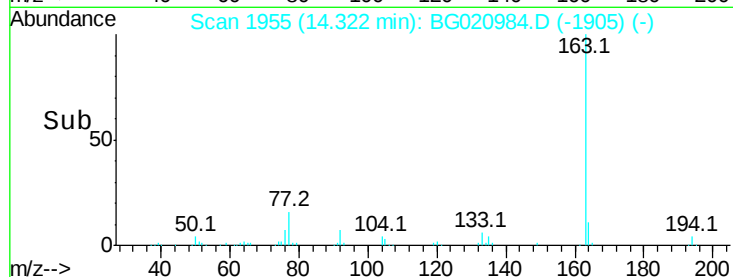
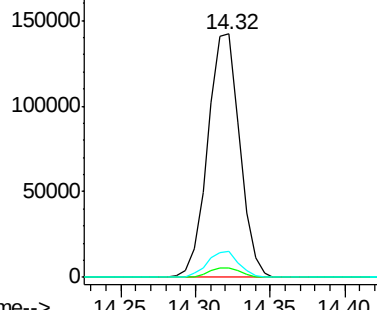
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.34 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

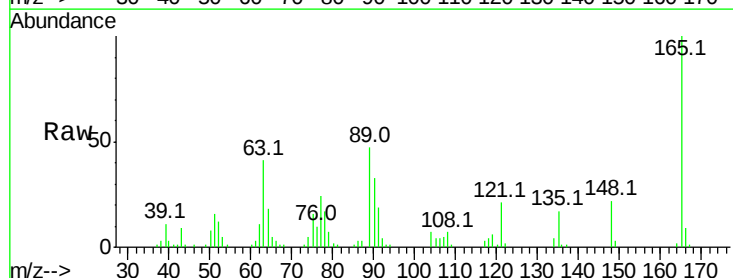
Tgt Ion:165 Resp: 47388

Ion Ratio Lower Upper

165 100

63 40.7 30.3 45.5

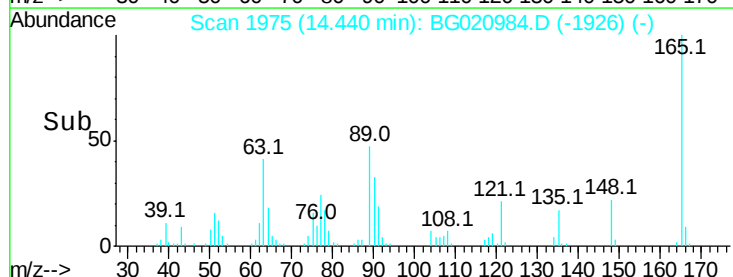
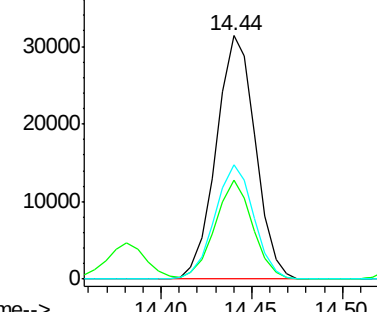
89 47.1 36.9 55.3

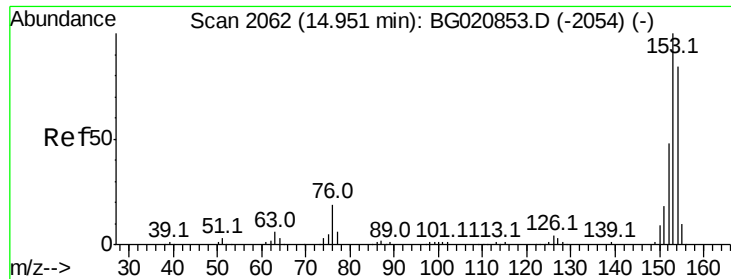


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.05 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

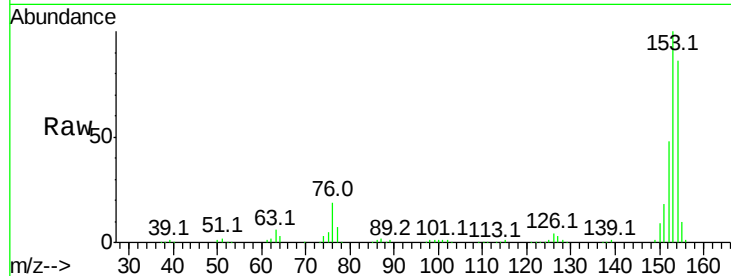
Tot Ion:154 Resp: 174302

Ion Ratio Lower Upper

154 100

153 116.9 95.4 143.0

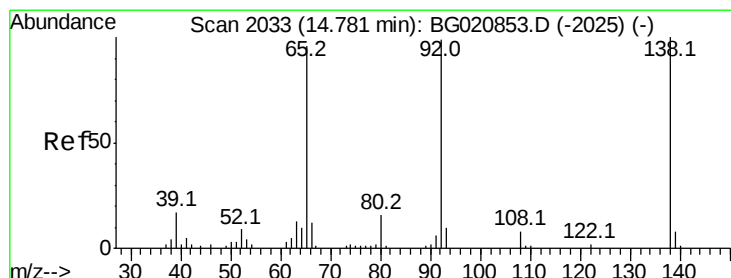
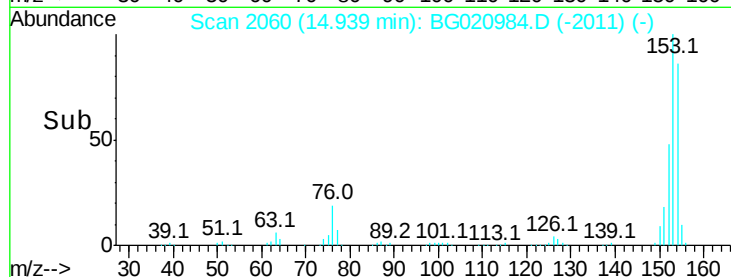
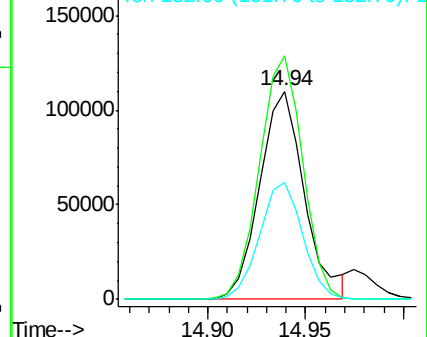
152 56.3 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.06 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

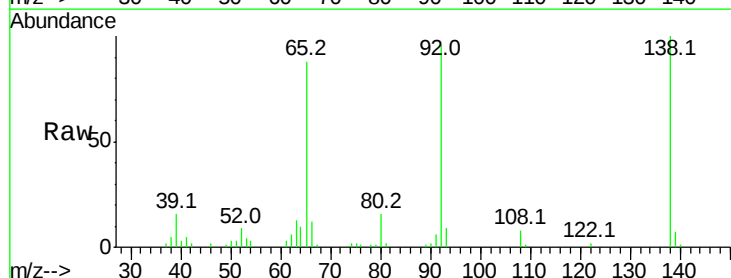
Tgt Ion:138 Resp: 33595

Ion Ratio Lower Upper

138 100

108 8.1 6.2 9.2

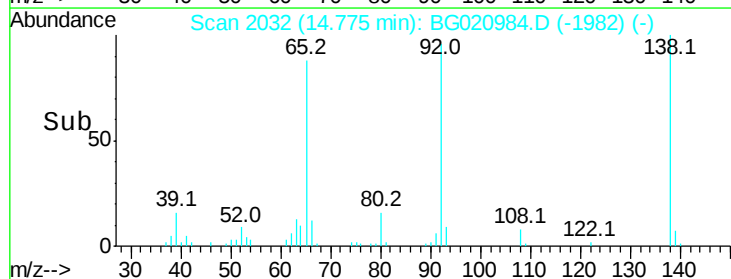
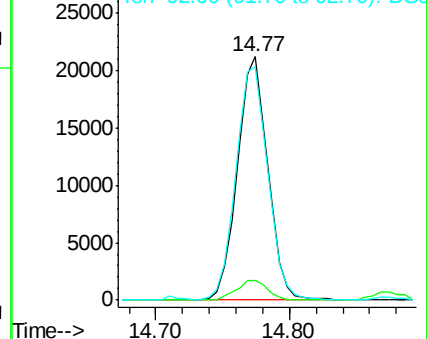
92 95.7 79.5 119.3

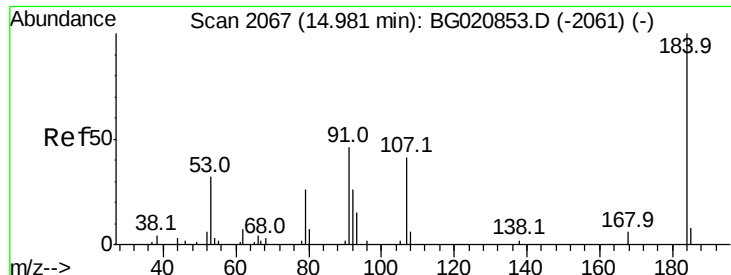


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

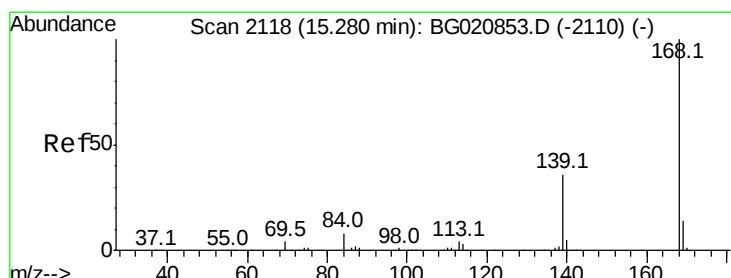
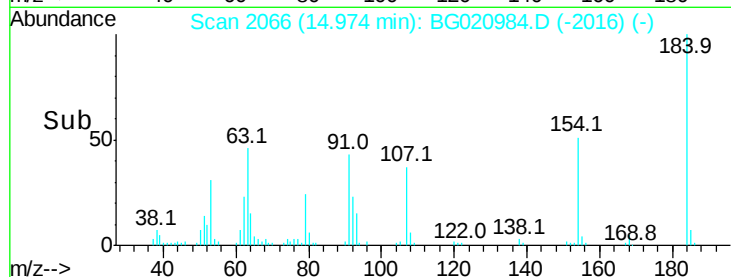
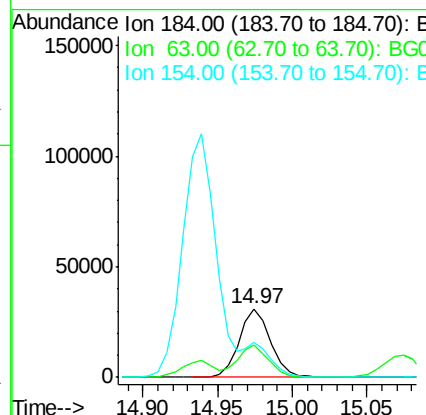
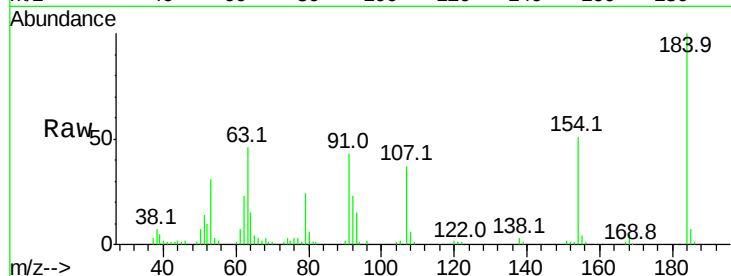




#53
 2,4-Dinitrophenol
 Concen: 98.64 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

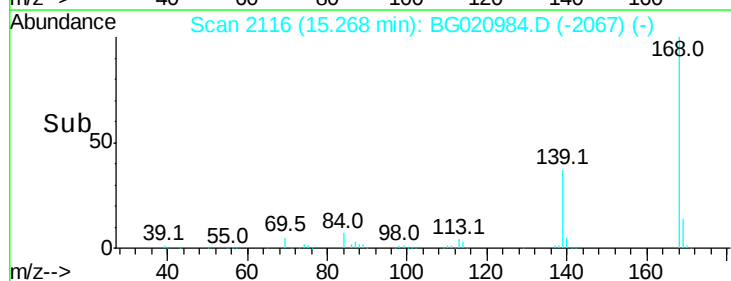
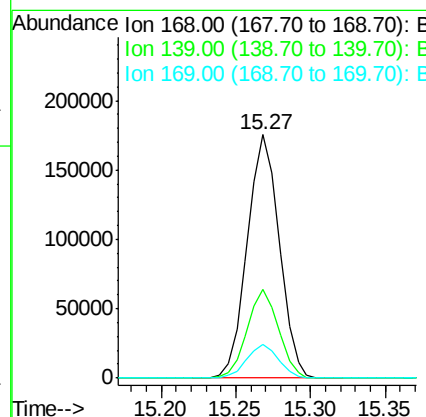
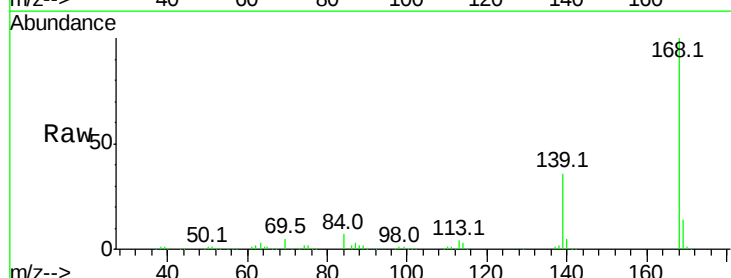
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

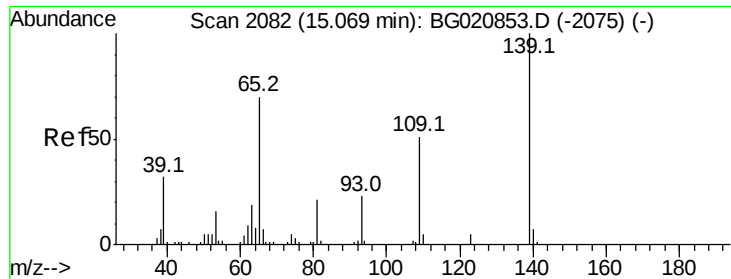
Tot Ion:184 Resp: 45690
 Ion Ratio Lower Upper
 184 100
 63 46.3 39.8 59.6
 154 50.7 48.1 72.1



#54
 Dibenzofuran
 Concen: 46.33 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:168 Resp: 260233
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.5 42.7
 169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 94.82 ng

RT: 15.07 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

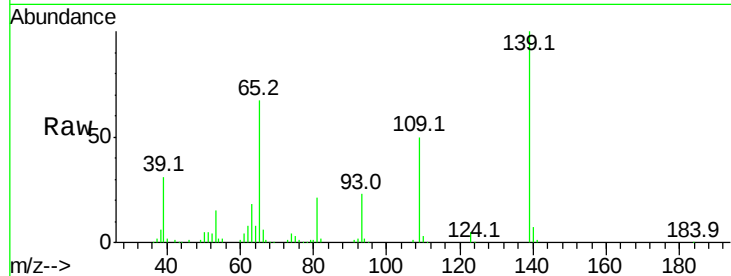
Tot Ion:139 Resp: 88915

Ion Ratio Lower Upper

139 100

109 50.3 31.0 71.0

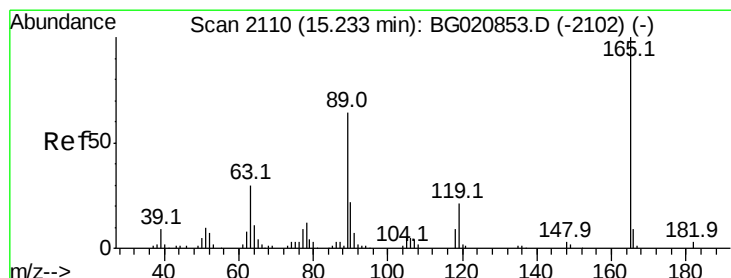
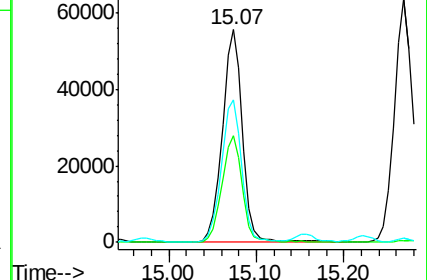
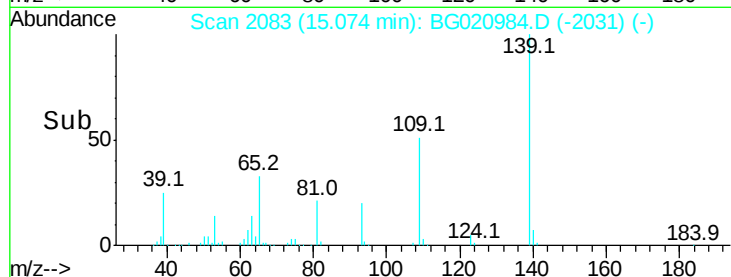
65 67.0 49.6 89.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 48.25 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:165 Resp: 66645

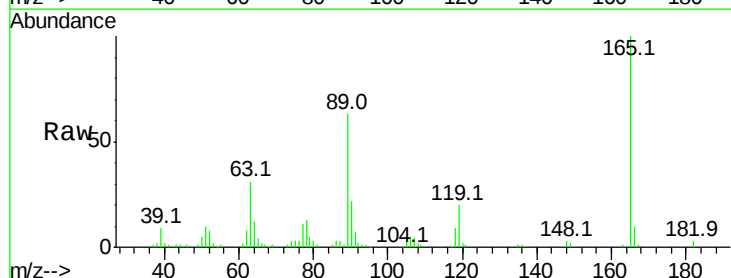
Ion Ratio Lower Upper

165 100

63 31.0 23.7 35.5

89 63.3 50.9 76.3

182 2.6 2.2 3.2

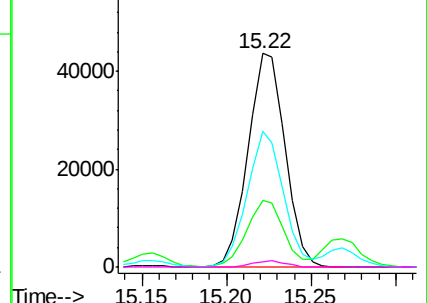
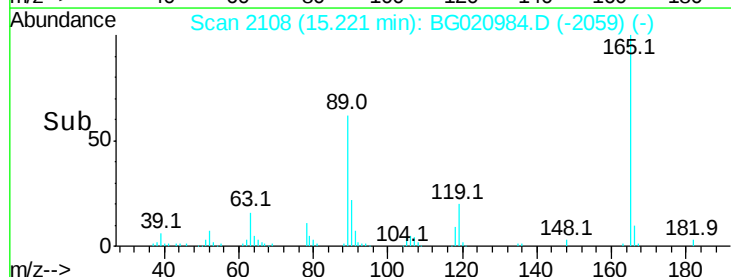


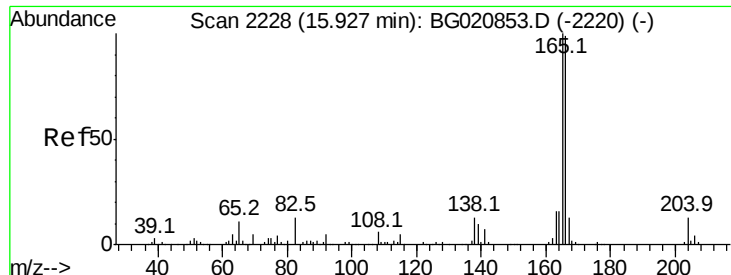
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.82 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

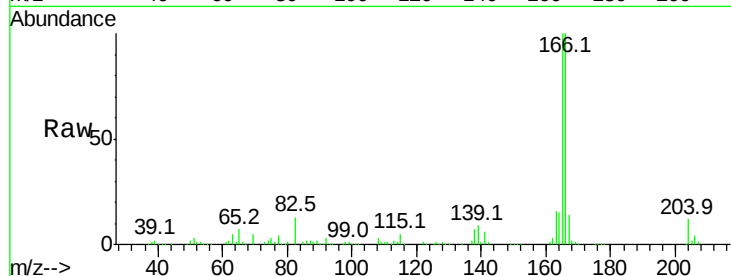
Tot Ion:166 Resp: 226626

Ion Ratio Lower Upper

166 100

165 100.1 81.0 121.4

167 13.7 10.8 16.2

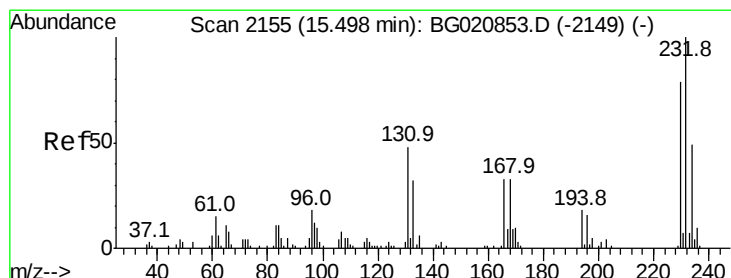
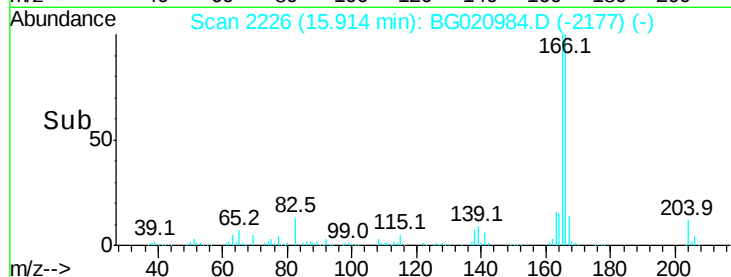
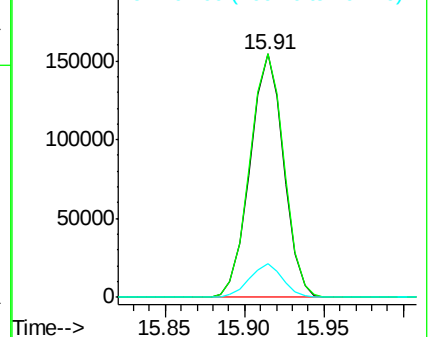


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.55 ng

RT: 15.49 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Tgt Ion:232 Resp: 51900

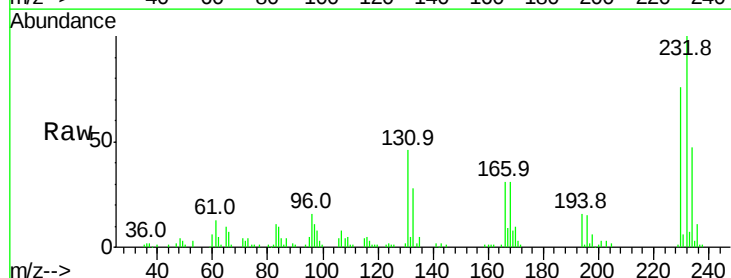
Ion Ratio Lower Upper

232 100

131 48.1 39.2 58.8

130 2.4 2.0 3.0

166 32.0 25.8 38.8



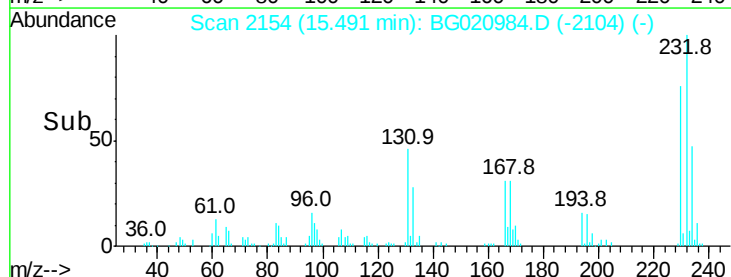
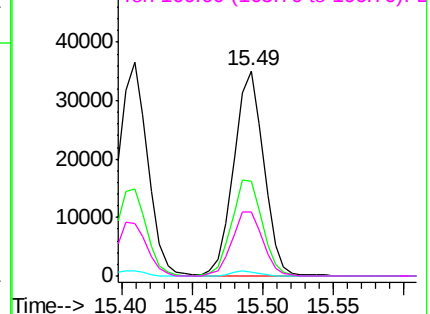
Abundance

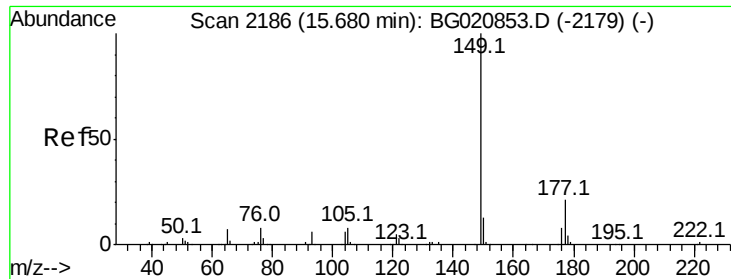
Ion 232.00 (231.70 to 232.70): E

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

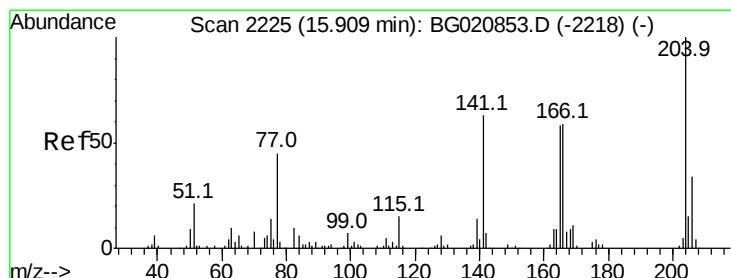
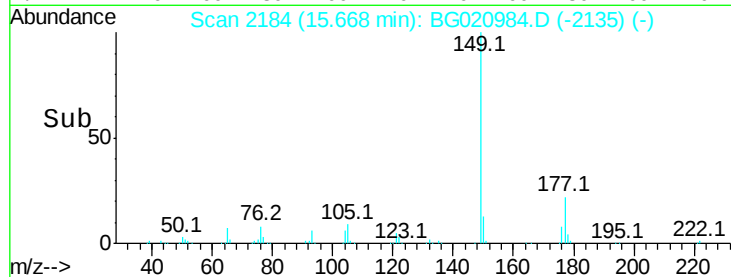
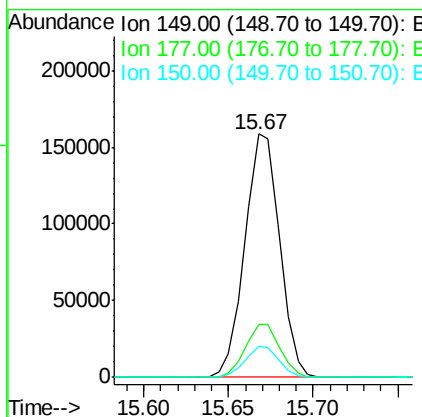
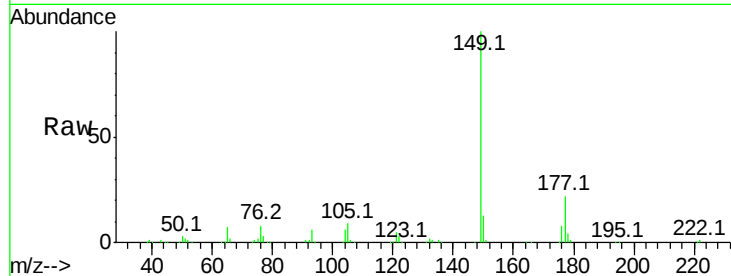




#59
Diethylphthalate
Concen: 44.32 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

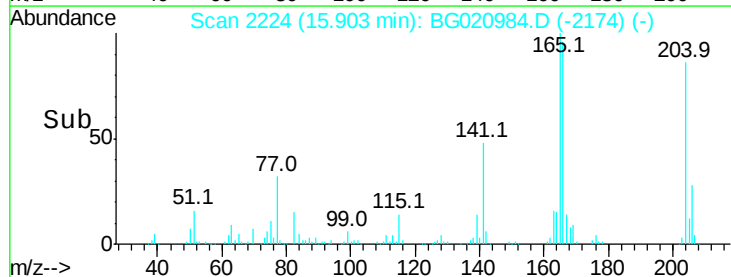
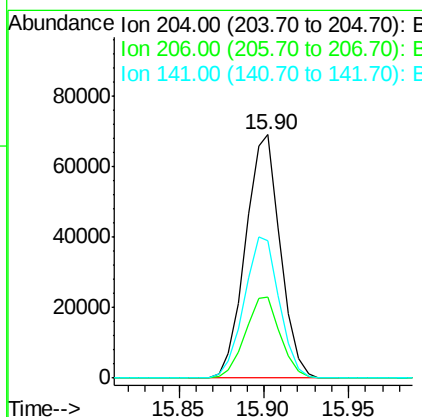
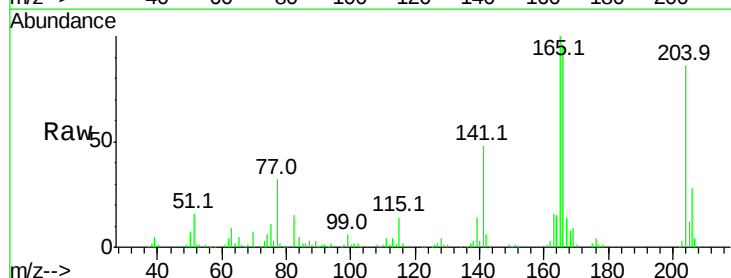
Instrument :
BNA_G
ClientSampleId :
PB88453BS

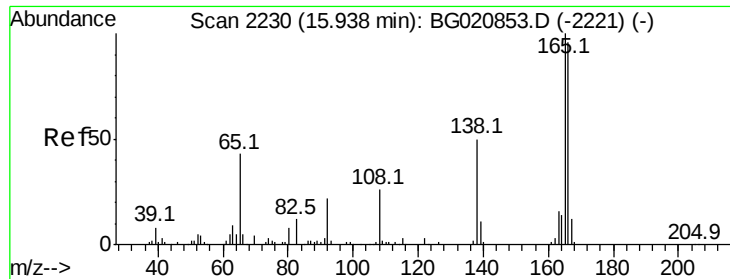
Tot Ion:149 Resp: 227177
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.80 ng
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:204 Resp: 98319
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 56.5 50.3 75.5

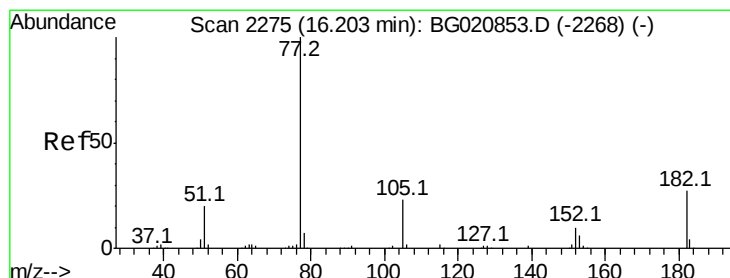
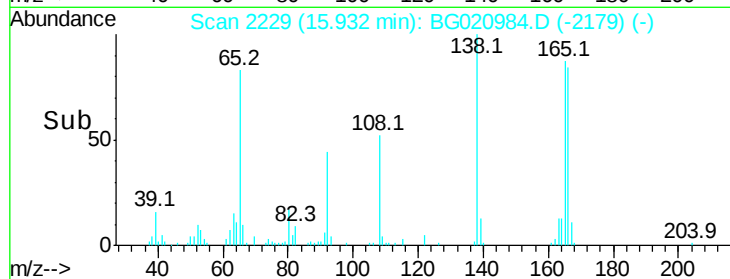
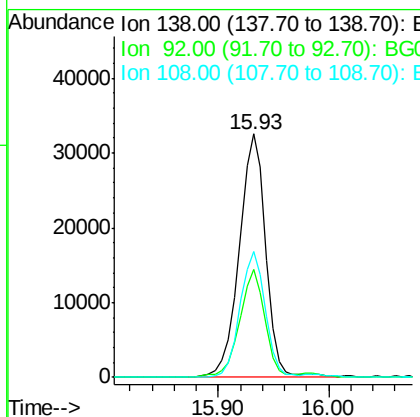
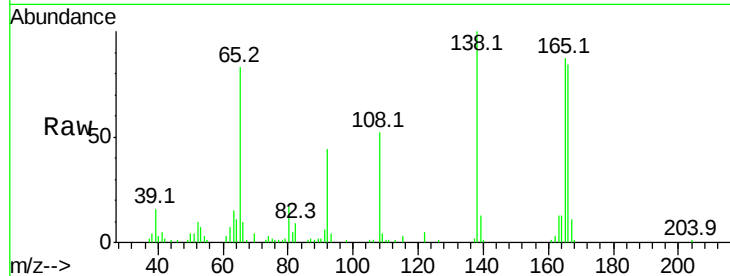




#61
 4-Nitroaniline
 Concen: 43.96 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

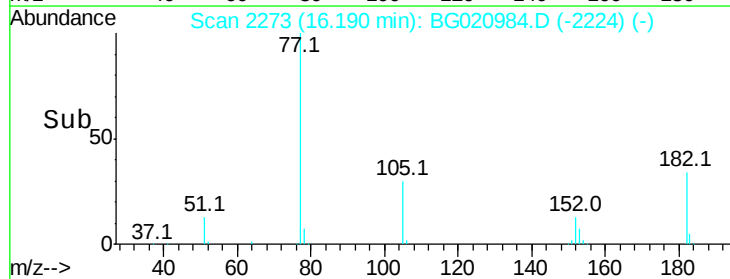
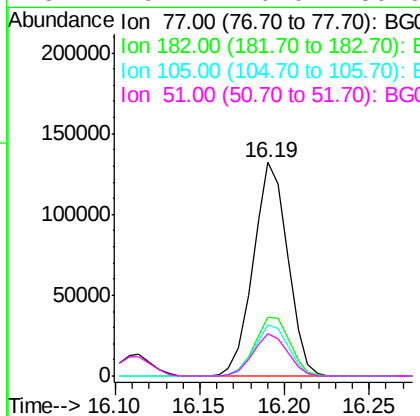
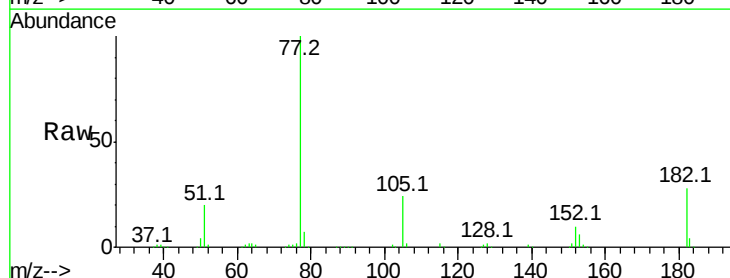
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

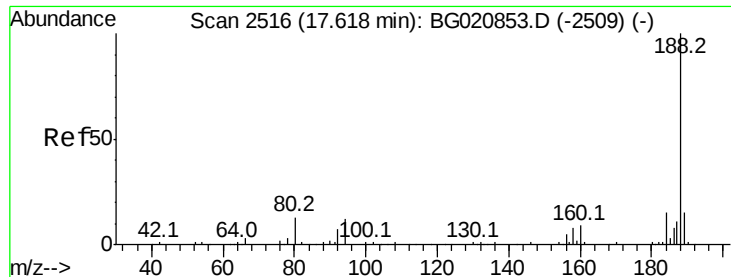
Tot Ion:	138	Resp:	54795
Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.1	64.1
108	51.7	32.4	72.4



#62
 Azobenzene
 Concen: 46.50 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:	77	Resp:	187447
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.8	46.8
105	24.2	3.4	43.4
51	19.7	0.0	39.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

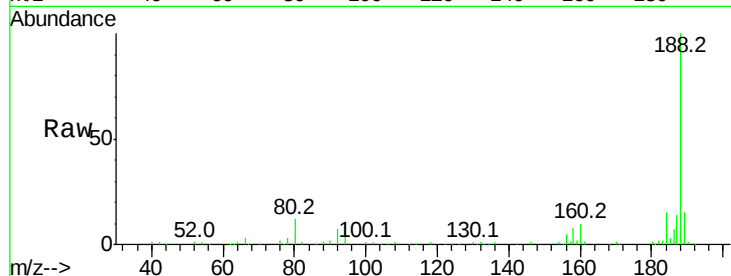
Tot Ion:188 Resp: 135910

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.0

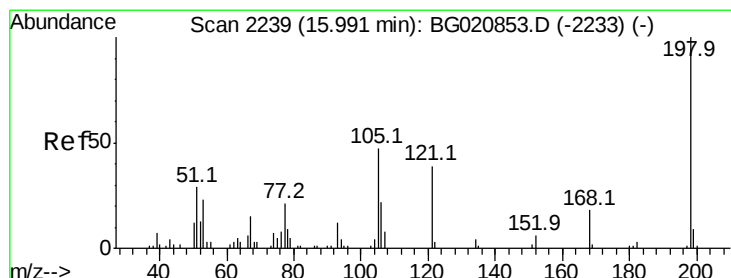
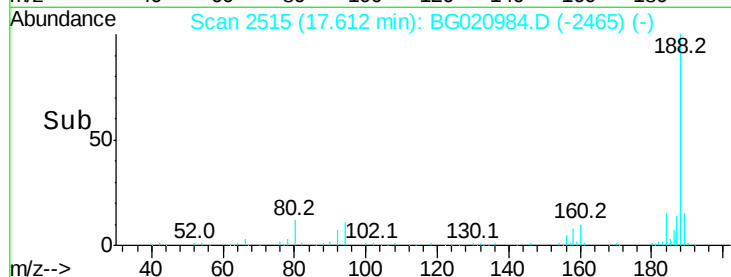
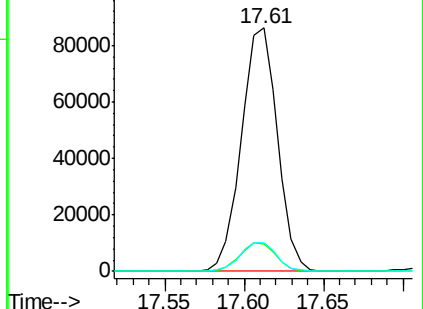
80 11.7 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.29 ng

RT: 15.98 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

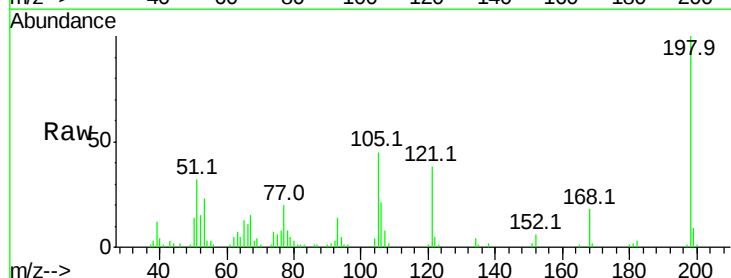
Tgt Ion:198 Resp: 30254

Ion Ratio Lower Upper

198 100

51 31.9 10.6 50.6

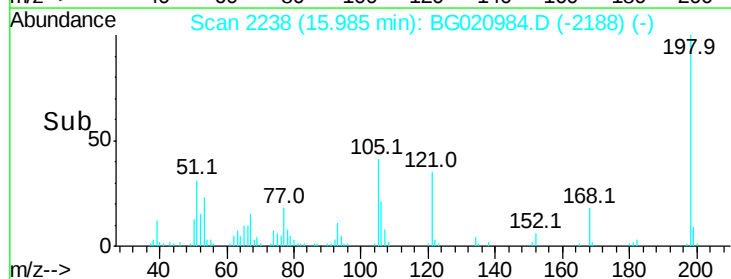
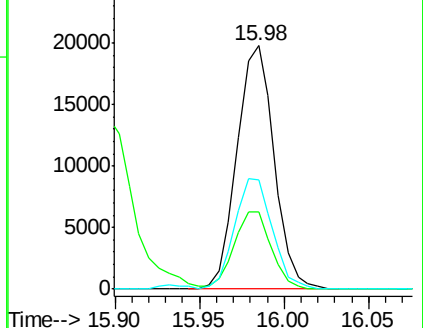
105 45.0 27.0 67.0

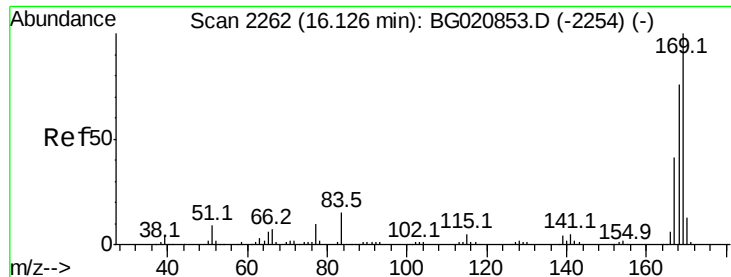


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

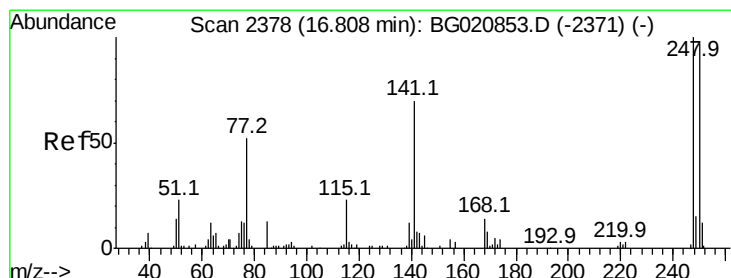
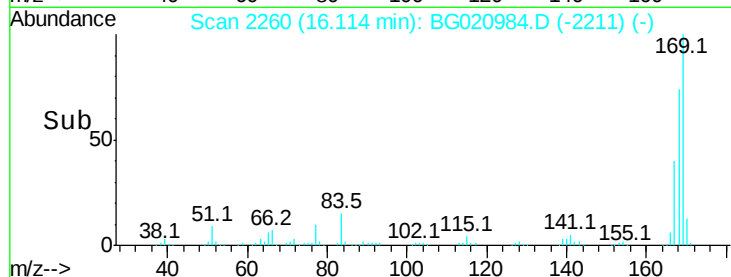
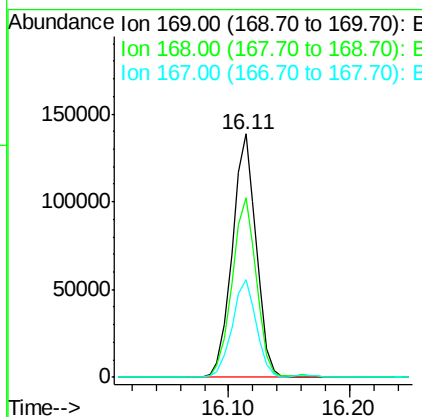
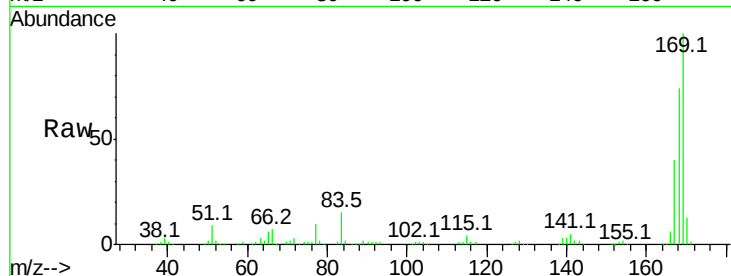




#65
 n-Nitrosodiphenylamine
 Concen: 43.48 ng
 RT: 16.11 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

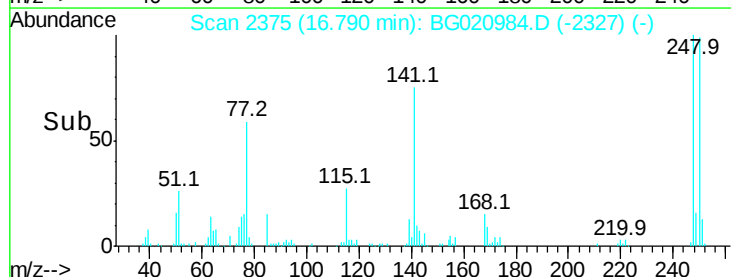
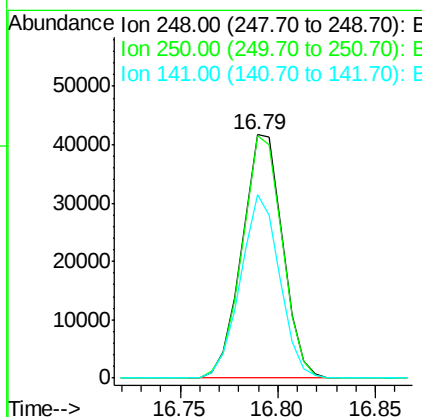
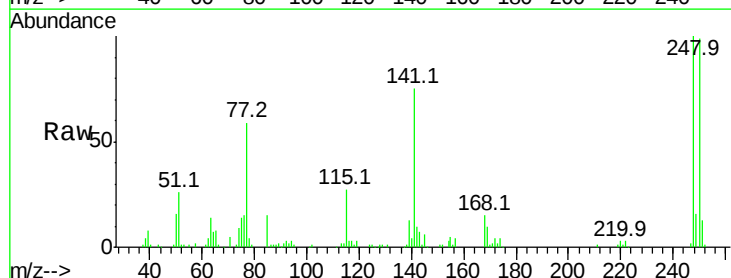
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

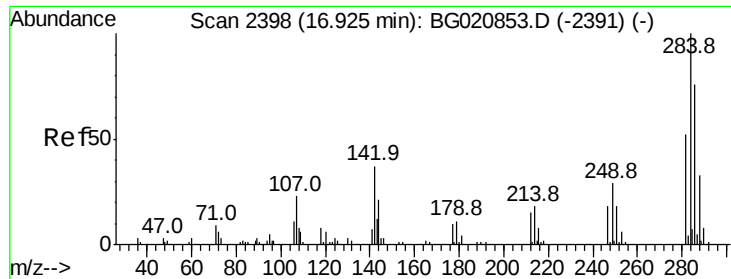
Tot Ion:169 Resp: 190913
 Ion Ratio Lower Upper
 169 100
 168 73.9 60.7 91.1
 167 40.2 32.8 49.2



#66
 4-Bromophenyl-phenylether
 Concen: 41.78 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:248 Resp: 59973
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.4 116.2
 141 75.2 55.7 83.5





#67

Hexachlorobenzene

Concen: 43.54 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

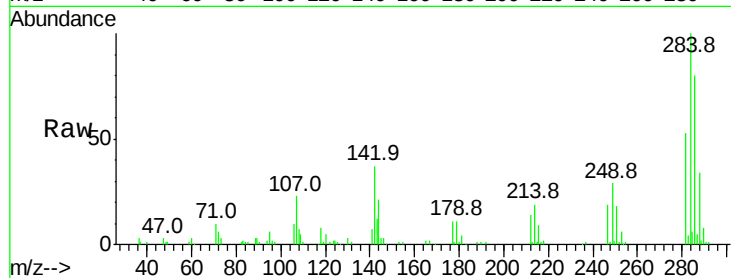
Tot Ion:284 Resp: 66505

Ion Ratio Lower Upper

284 100

142 37.3 29.9 44.9

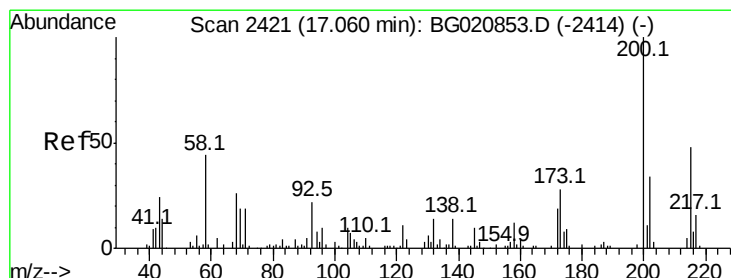
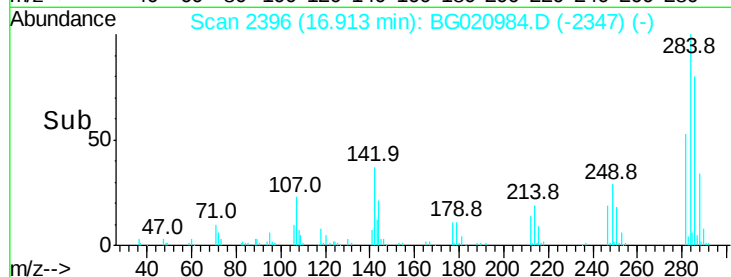
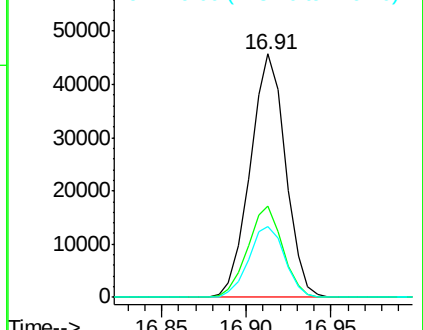
249 29.2 23.3 34.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.18 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

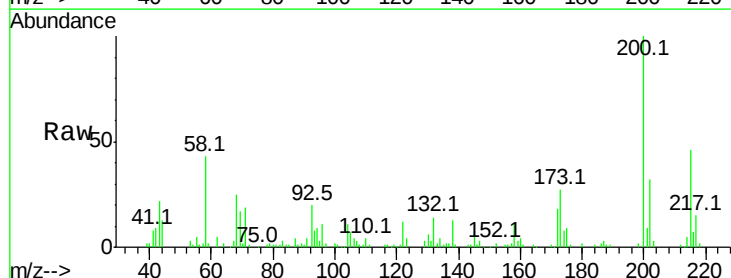
Tgt Ion:200 Resp: 60198

Ion Ratio Lower Upper

200 100

173 26.7 8.4 48.4

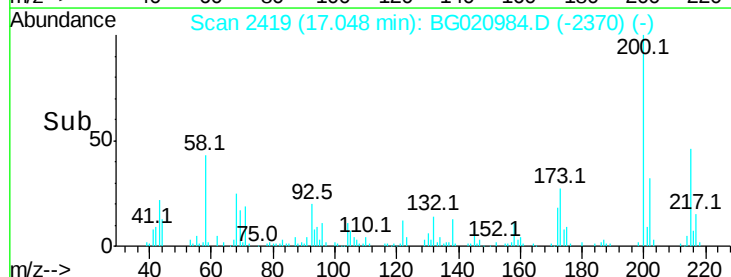
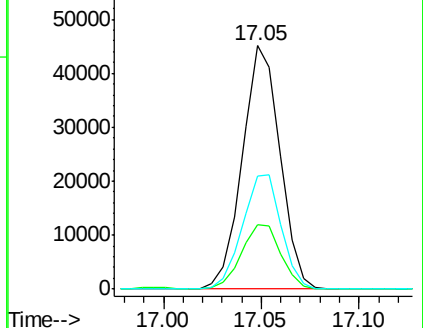
215 46.3 28.2 68.2

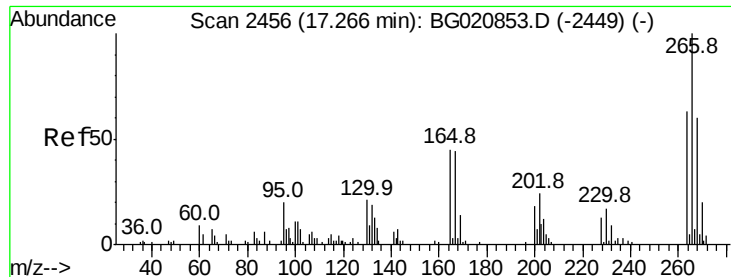


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

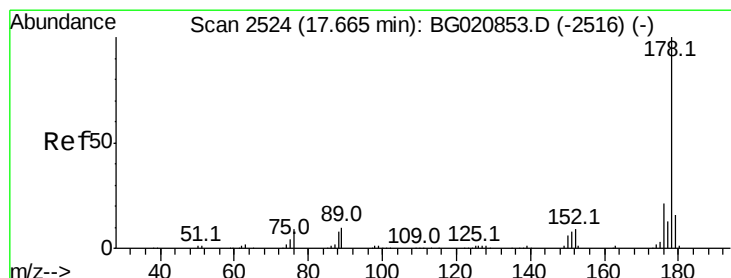
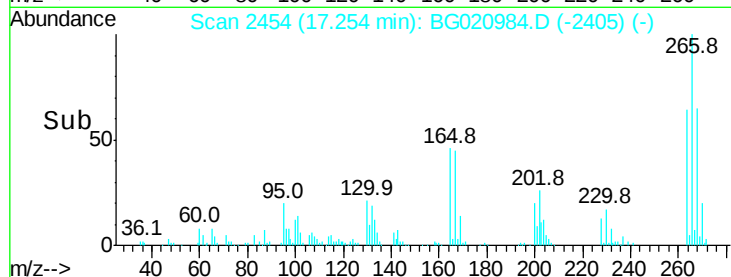
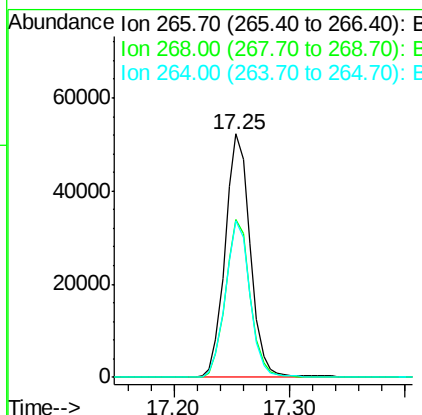
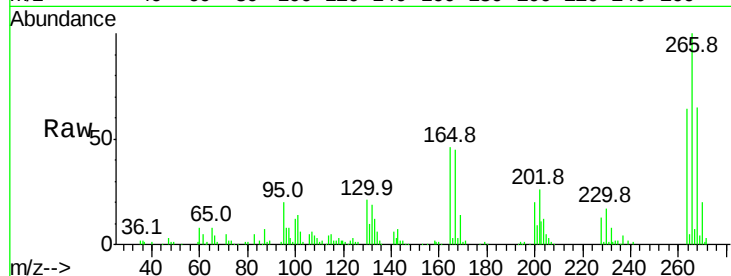




#69
 Pentachlorophenol
 Concen: 89.50 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

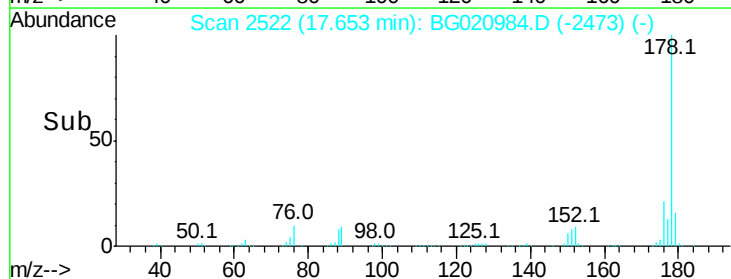
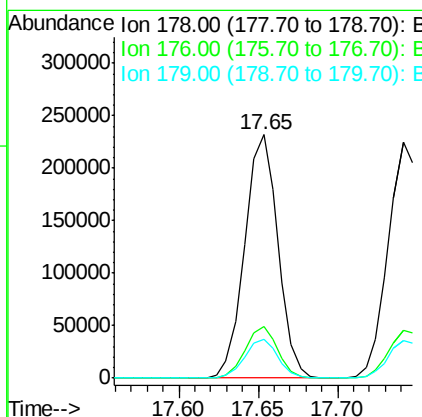
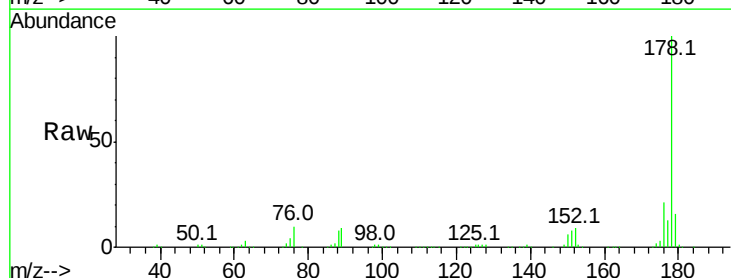
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

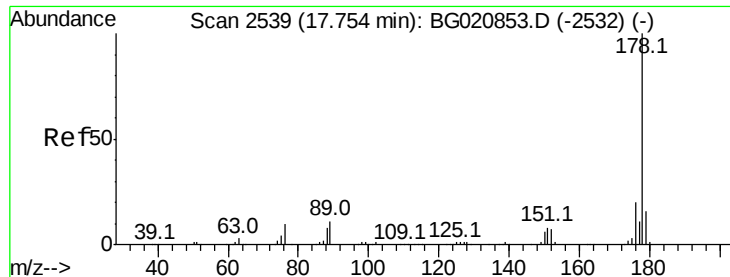
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	47.8	71.6
264	64.3	50.2	75.4



#70
 Phenanthrene
 Concen: 43.51 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	16.0	12.6	19.0

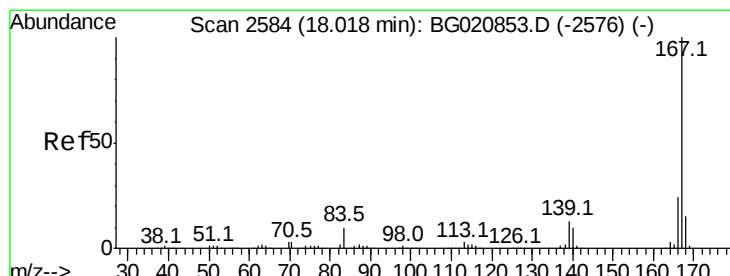
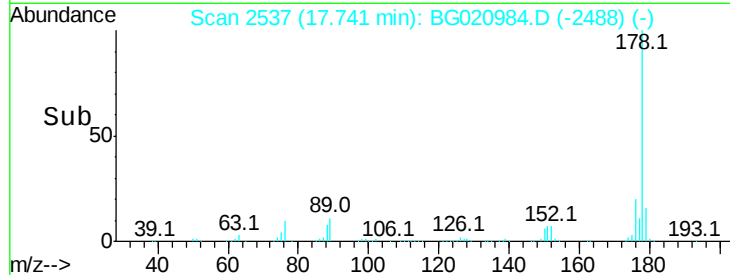
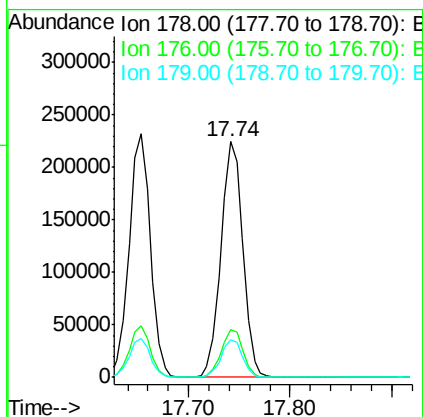
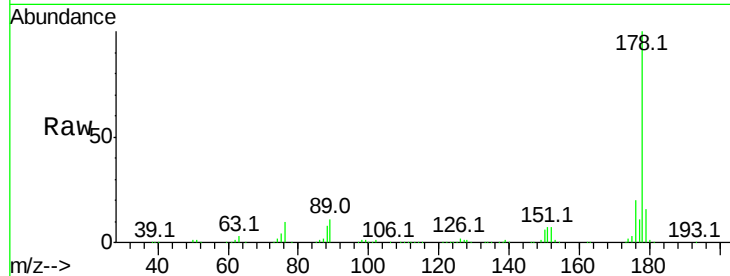




#71
 Anthracene
 Concen: 42.86 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

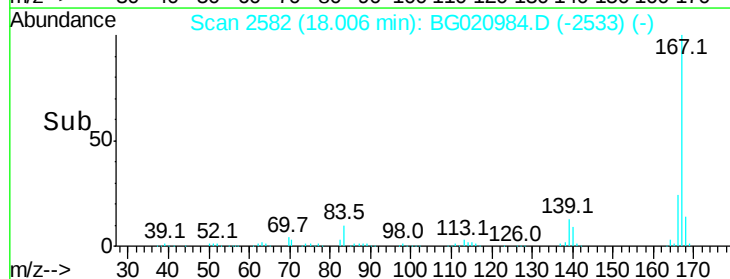
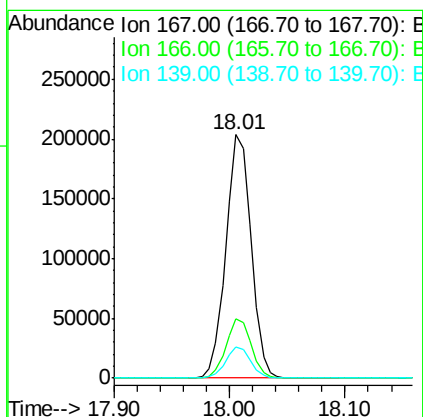
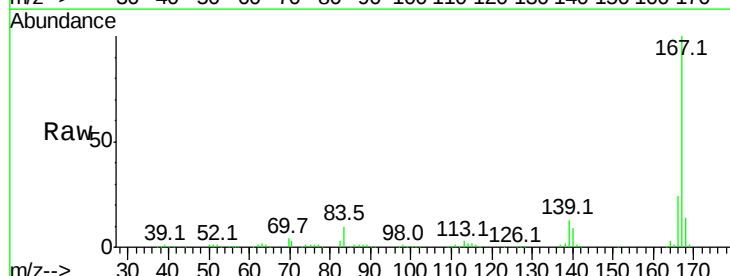
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

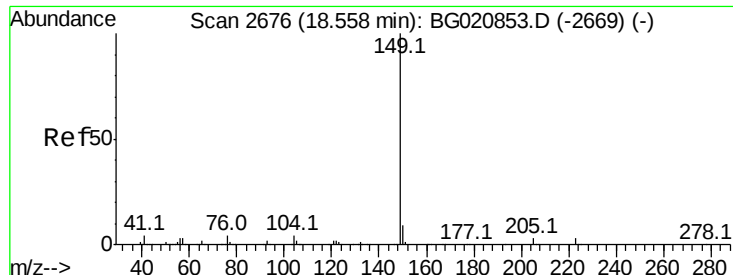
Tot Ion:178 Resp: 336588
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 43.76 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion:167 Resp: 308413
 Ion Ratio Lower Upper
 167 100
 166 24.3 19.3 28.9
 139 12.9 10.2 15.4

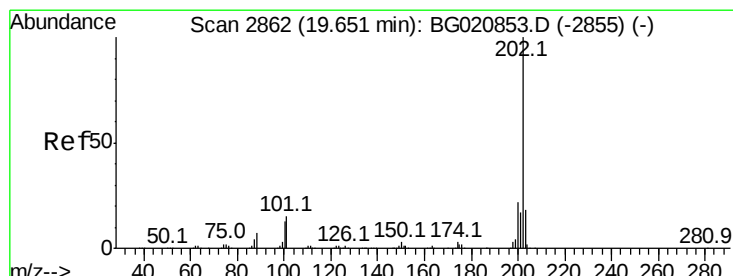
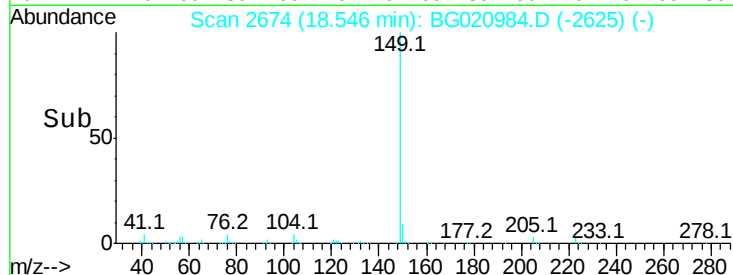
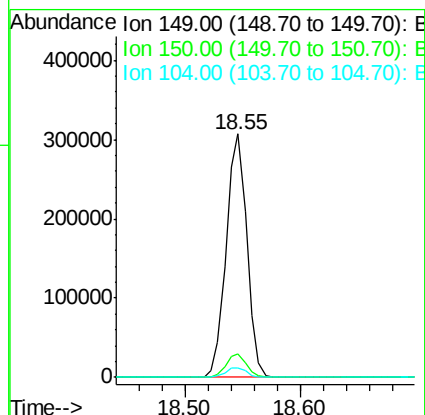
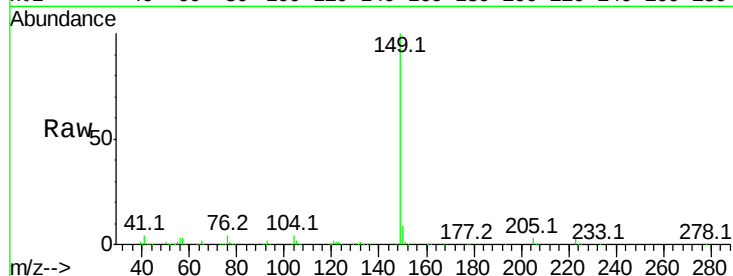




#73
Di-n-butylphthalate
Concen: 41.95 ng
RT: 18.55 min Scan# 2674
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

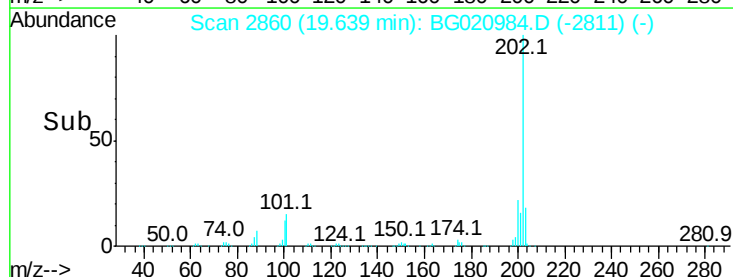
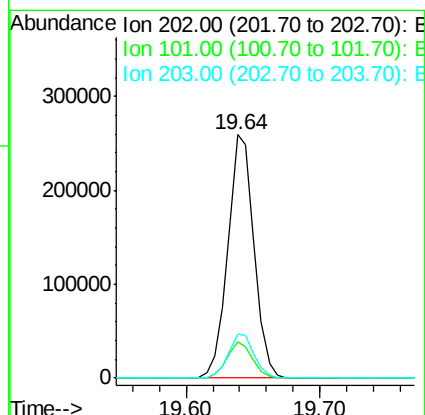
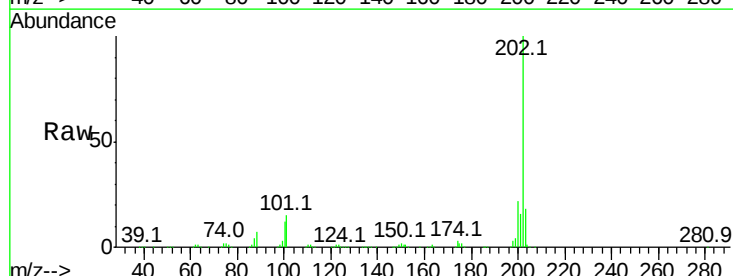
Instrument :
BNA_G
ClientSampleId :
PB88453BS

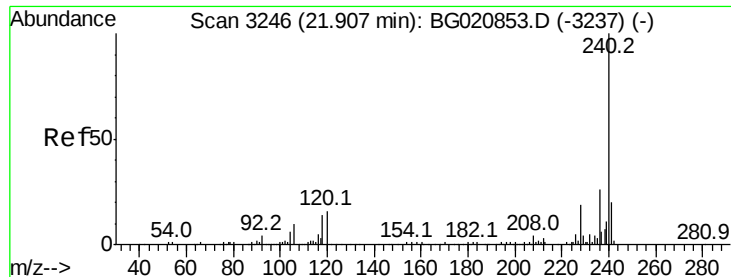
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.1	3.4	5.0



#74
Fluoranthene
Concen: 42.67 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	35.3
203	18.3	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: BG020984.D

Acq: 19 Feb 2016 22:52

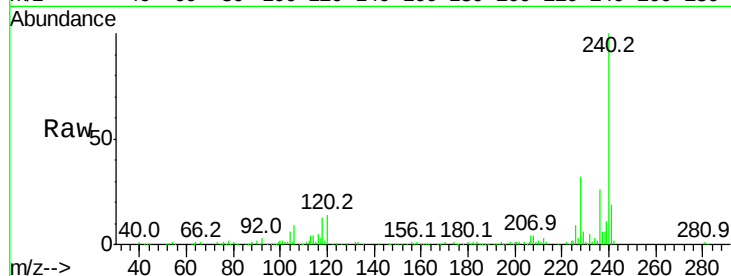
Instrument :

BNA_G

ClientSampleId :

PB88453BS

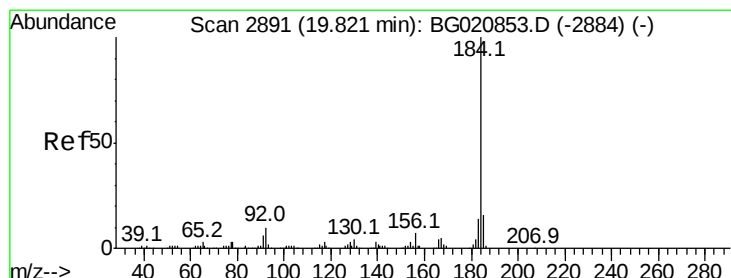
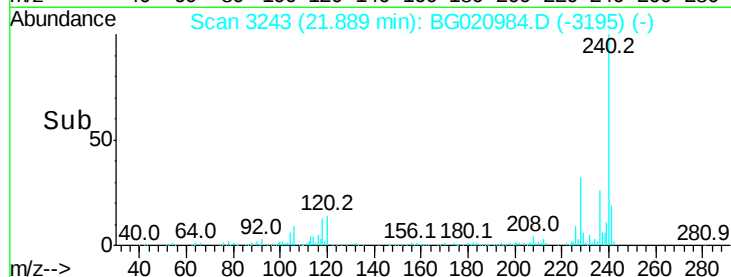
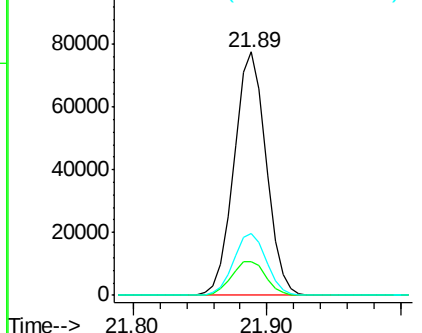
Tot Ion:240	Resp:	129117
Ion Ratio	Lower	Upper
240	100	
120	14.1	13.0 19.4
236	25.5	21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.06 ng

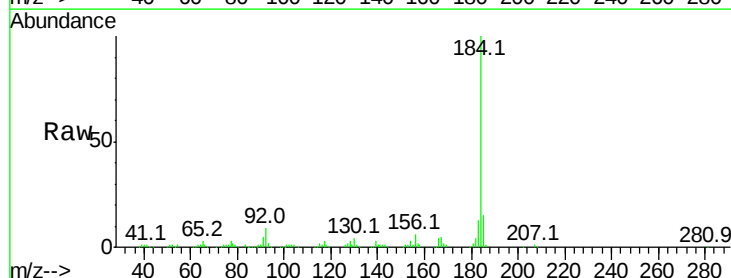
RT: 19.81 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

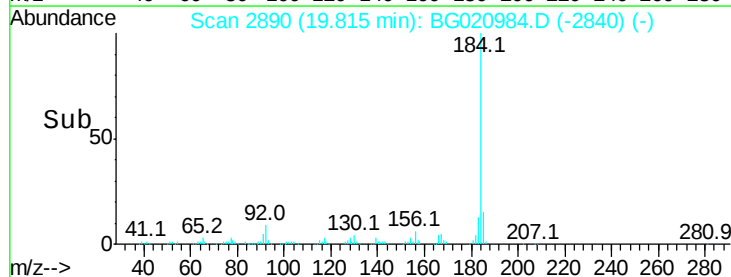
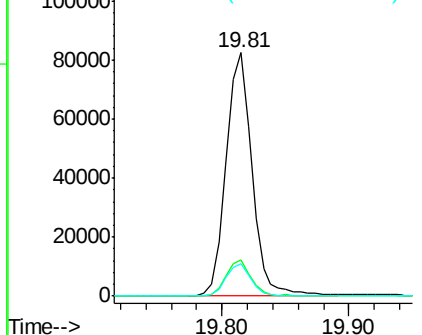
Tgt Ion:184	Resp:	117148
Ion Ratio	Lower	Upper
184	100	
185	14.7	12.6 19.0
183	13.1	11.0 16.4

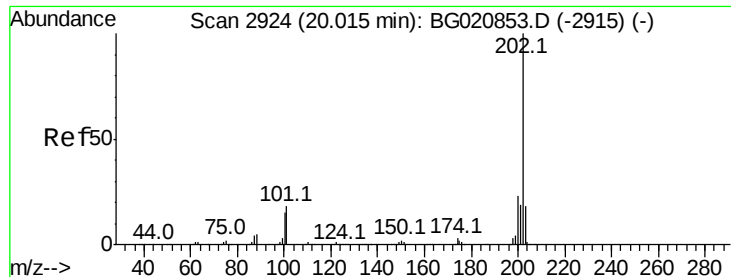


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

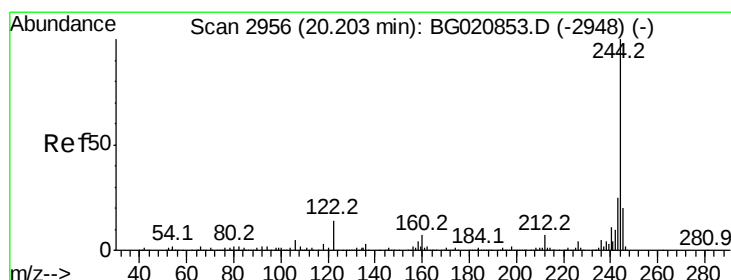
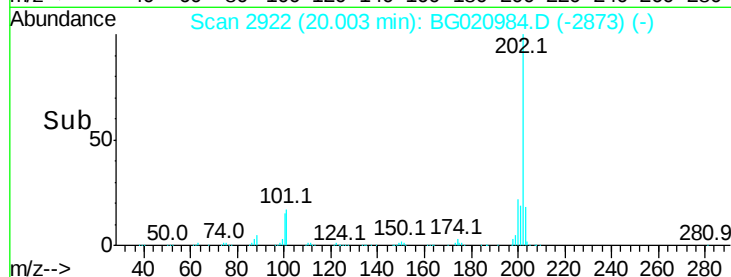
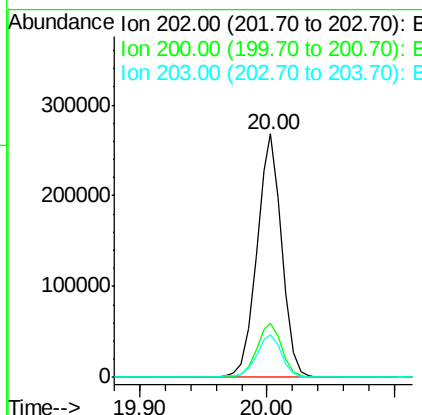
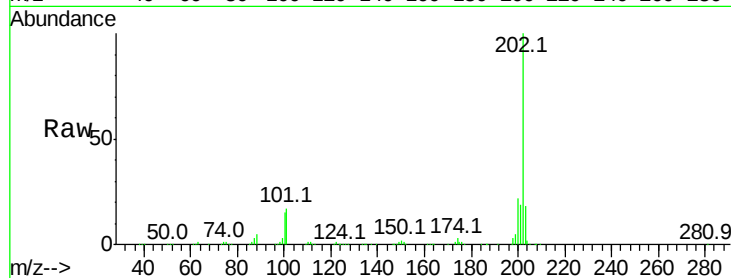




#77
Pvrene
Concen: 42.67 ng
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

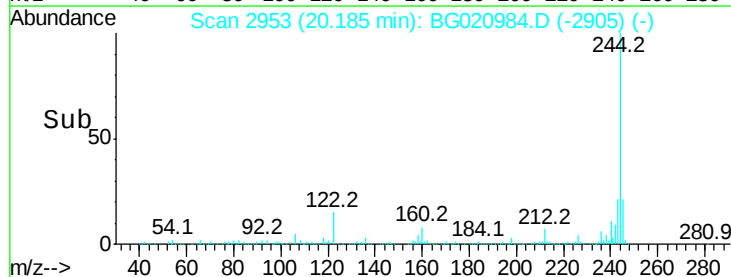
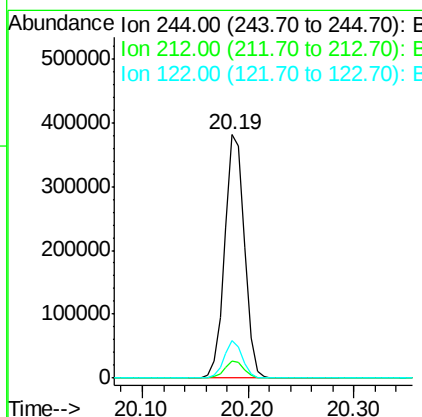
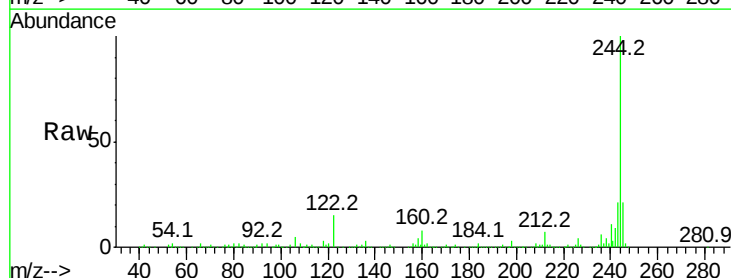
Instrument :
BNA_G
ClientSampleId :
PB88453BS

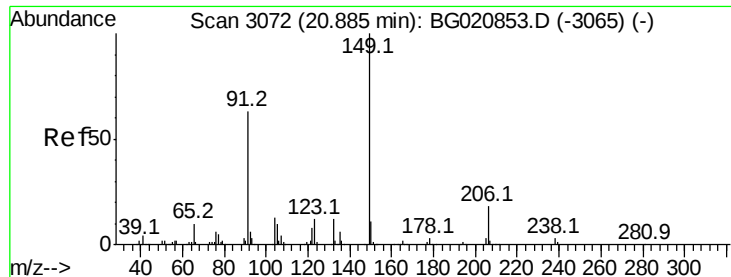
Tot Ion:202 Resp: 363381
Ion Ratio Lower Upper
202 100
200 22.3 18.5 27.7
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 88.59 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:244 Resp: 490307
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 15.3 11.4 17.2

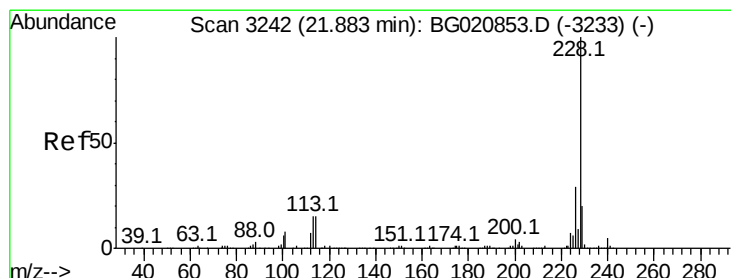
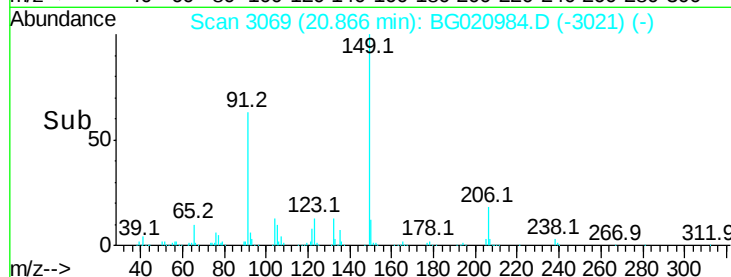
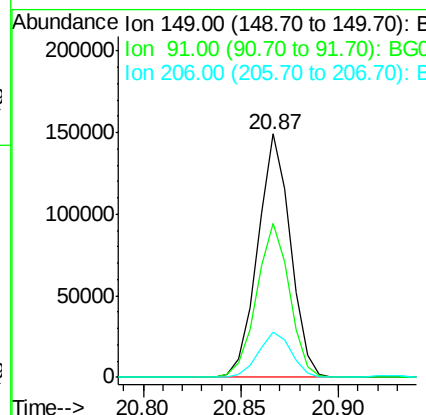
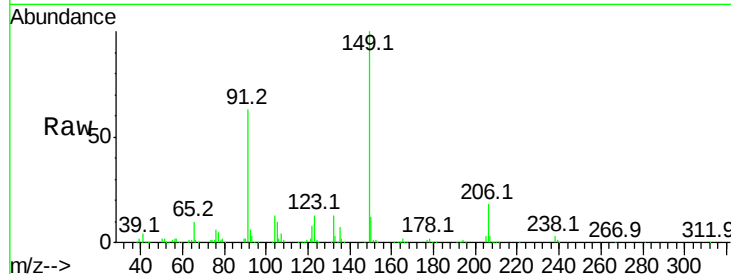




#79
Butylbenzylphthalate
Concen: 42.23 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

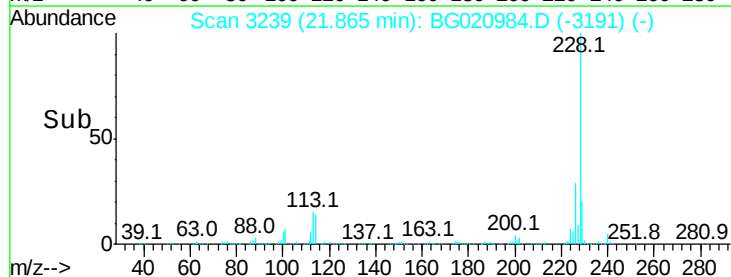
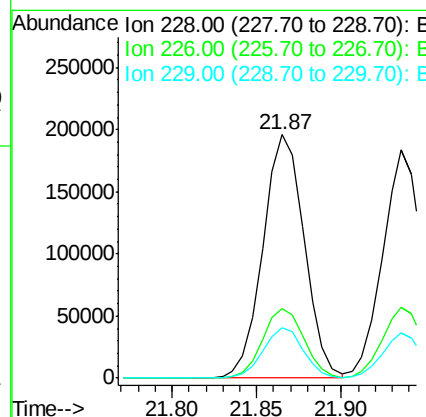
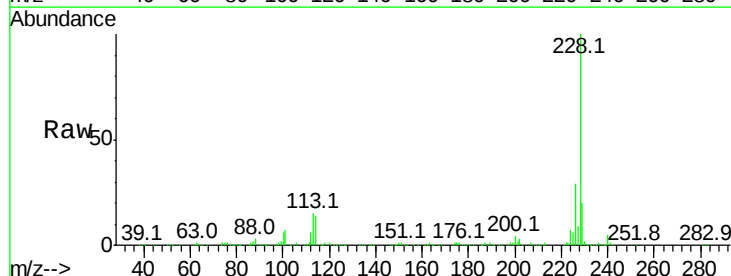
Instrument :
BNA_G
ClientSampleId :
PB88453BS

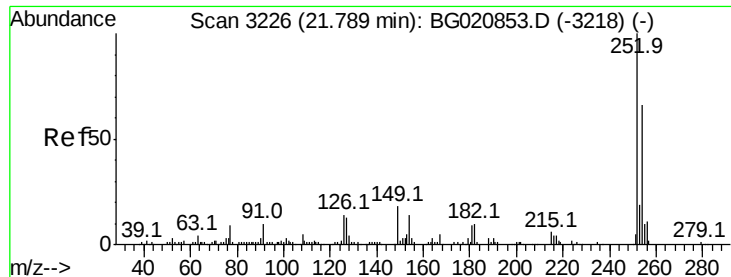
Tot Ion:149 Resp: 172177
Ion Ratio Lower Upper
149 100
91 63.3 50.6 76.0
206 18.4 14.6 22.0



#80
Benzo(a)anthracene
Concen: 42.91 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion:228 Resp: 330730
Ion Ratio Lower Upper
228 100
226 28.8 23.1 34.7
229 20.5 16.2 24.2

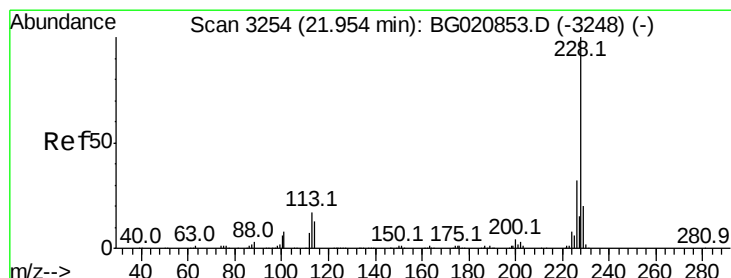
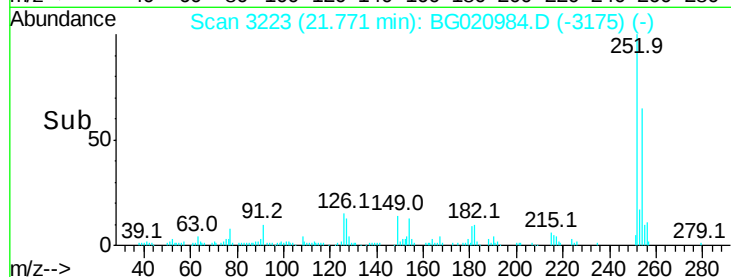
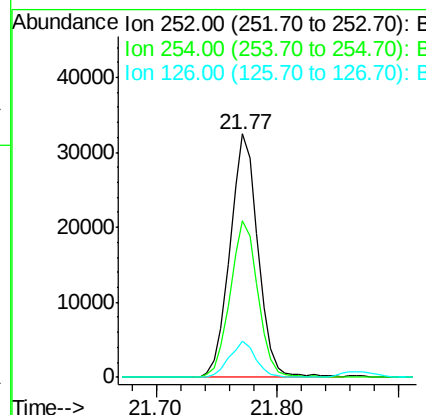
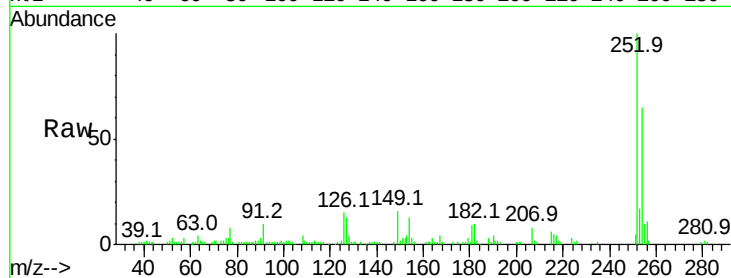




#81
 3,3'-Dichlorobenzidine
 Concen: 18.18 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

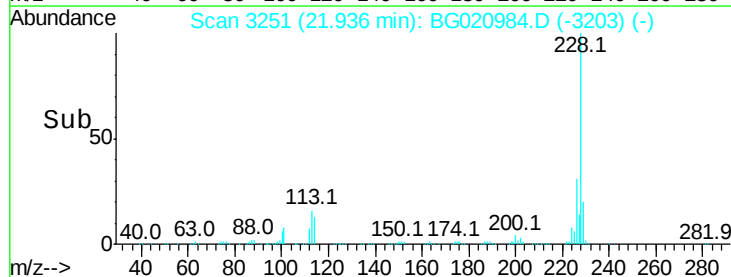
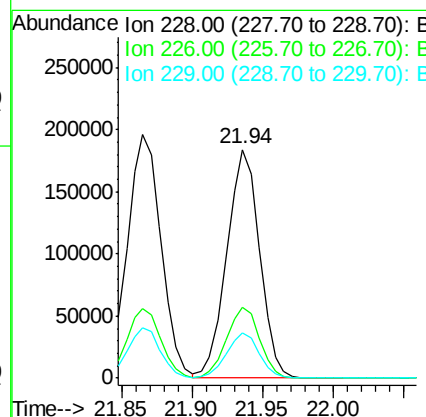
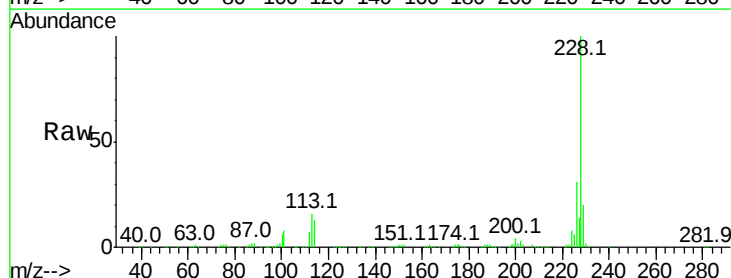
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BS

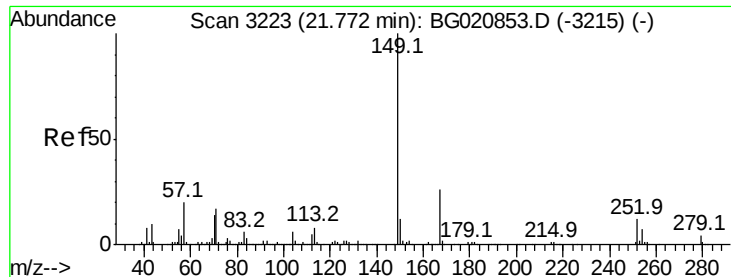
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.8	79.2
126	14.8	11.1	16.7



#82
 Chrysene
 Concen: 40.86 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020984.D
 Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

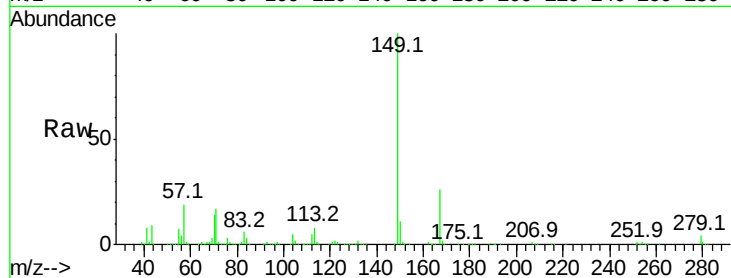
Tot Ion:149 Resp: 251555

Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

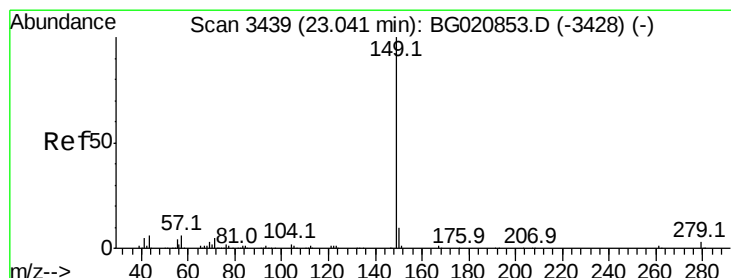
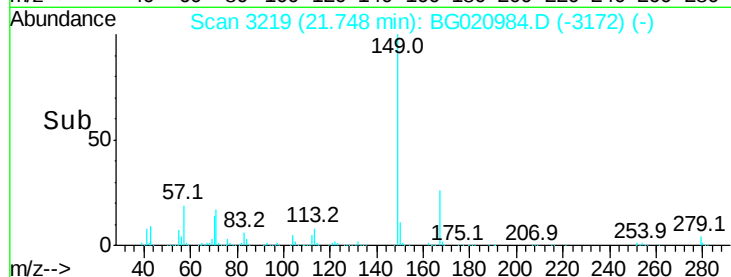
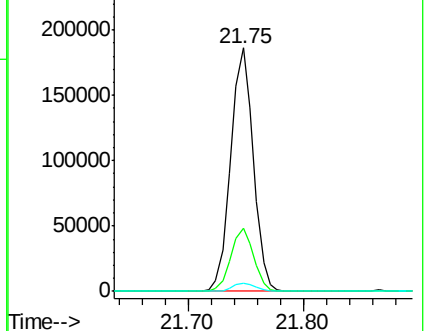
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.72 ng

RT: 23.01 min Scan# 3434

Delta R.T. -0.03 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

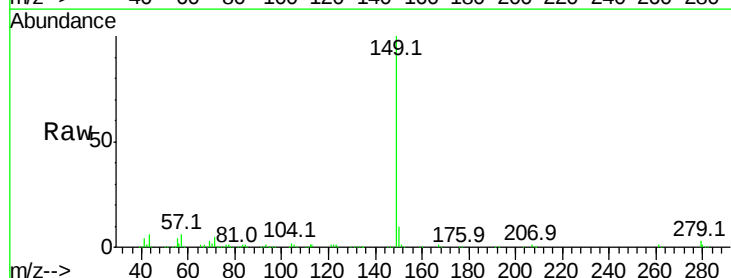
Tgt Ion:149 Resp: 423871

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

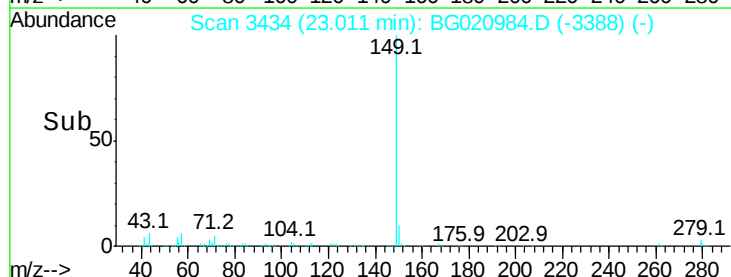
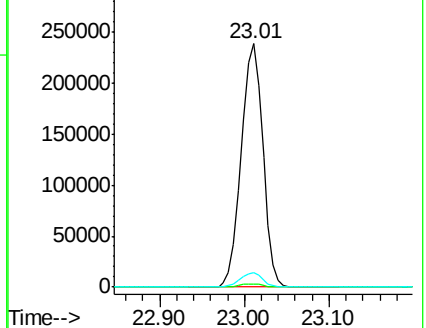
43 6.1 5.1 7.7

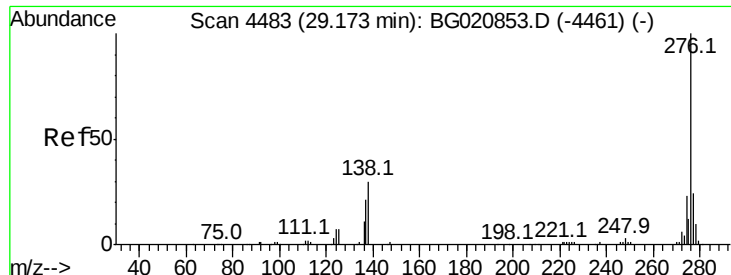


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

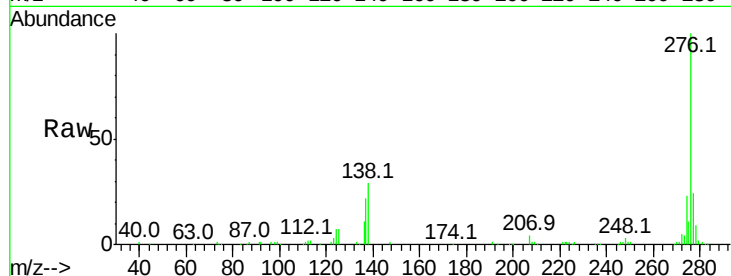




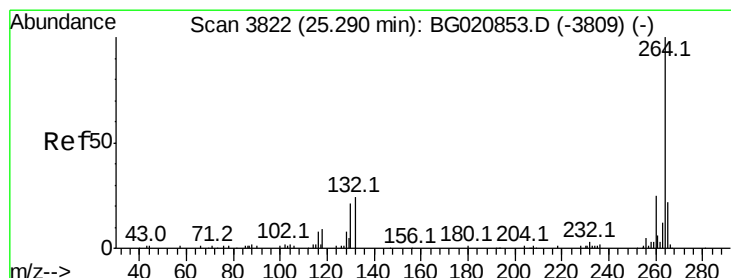
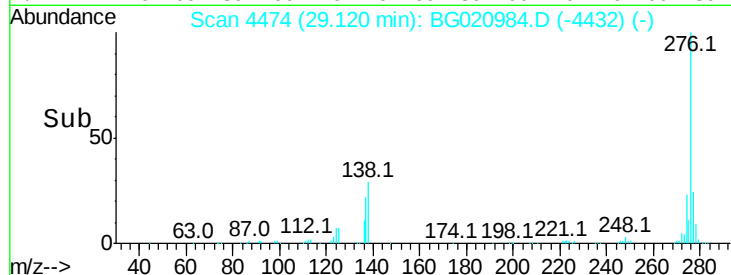
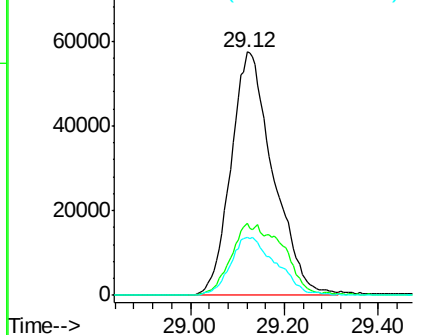
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.95 ng
RT: 29.12 min Scan# 4474
Delta R.T. -0.05 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Instrument :
BNA_G
ClientSampleId :
PB88453BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	20.1	30.1#
277	25.8	20.5	30.7

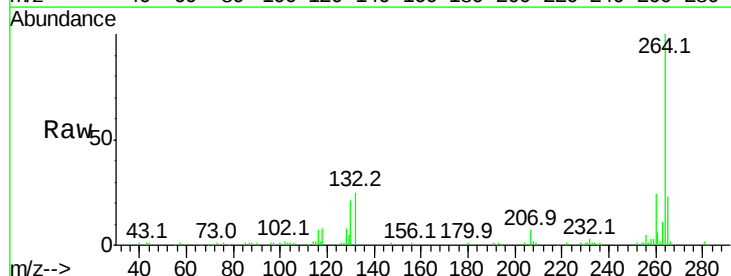


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

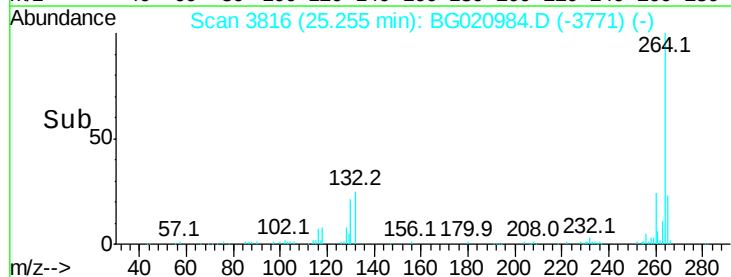
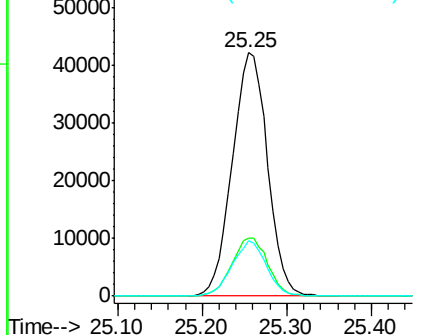


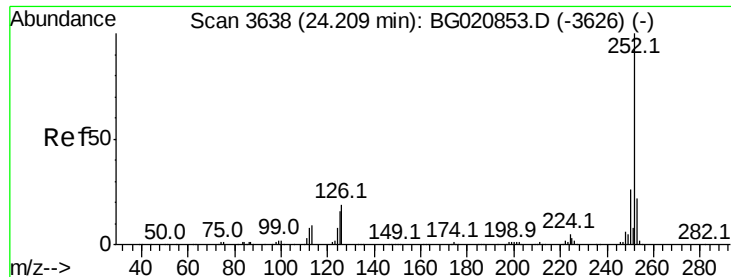
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG020984.D
Acq: 19 Feb 2016 22:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.8	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.15 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

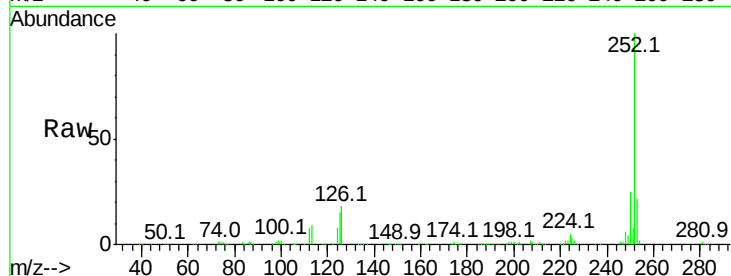
Tot Ion:252 Resp: 321040

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

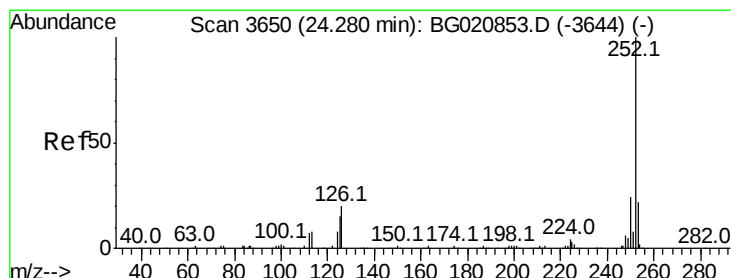
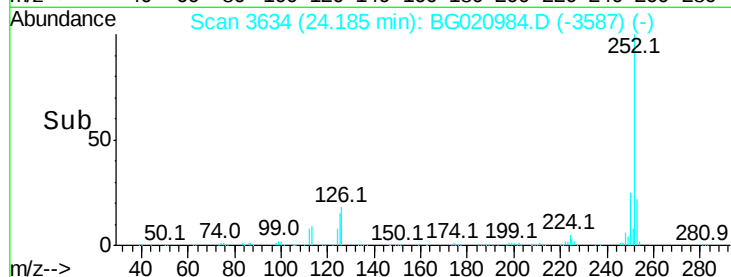
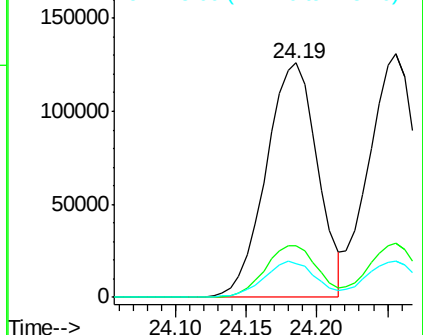
125 14.6 12.5 18.7



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: 43.04 ng

RT: 24.26 min Scan# 3646

Delta R.T. -0.02 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

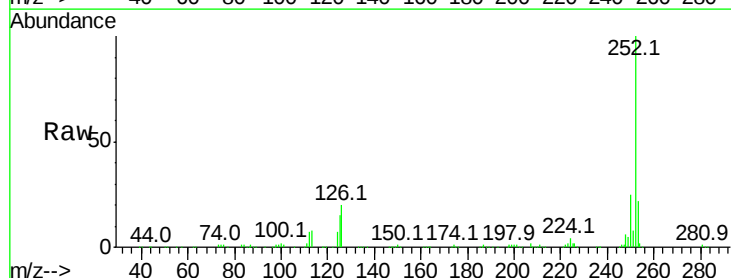
Tgt Ion:252 Resp: 313762

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

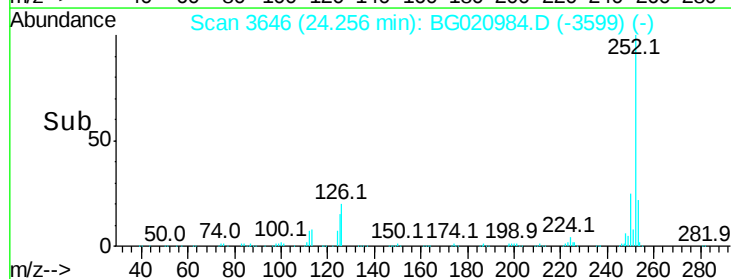
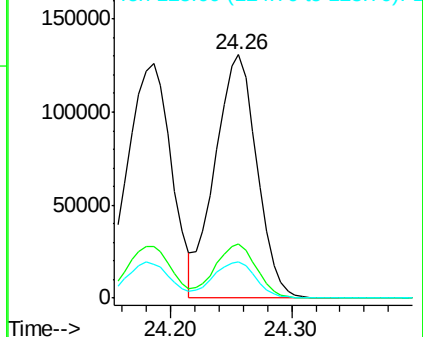
125 14.7 12.2 18.4

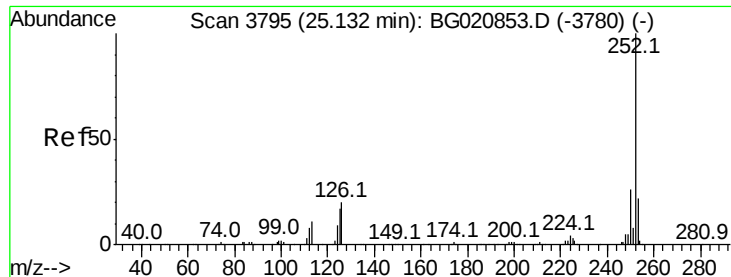


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.64 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.04 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

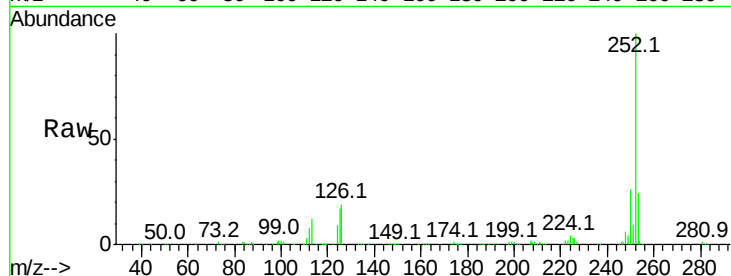
Tot Ion:252 Resp: 309388

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

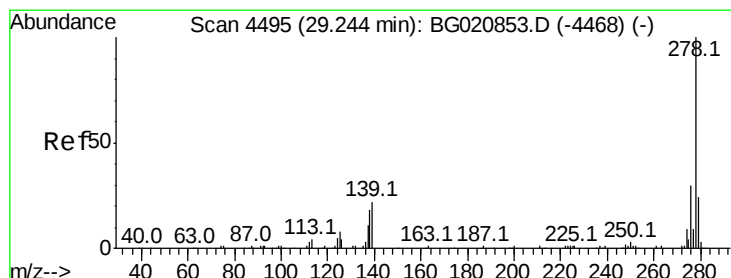
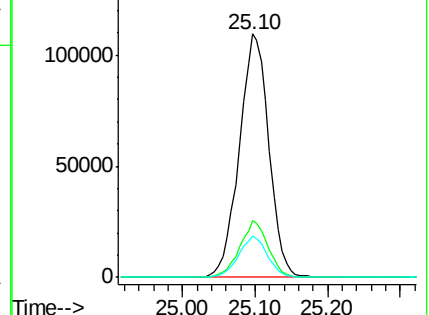
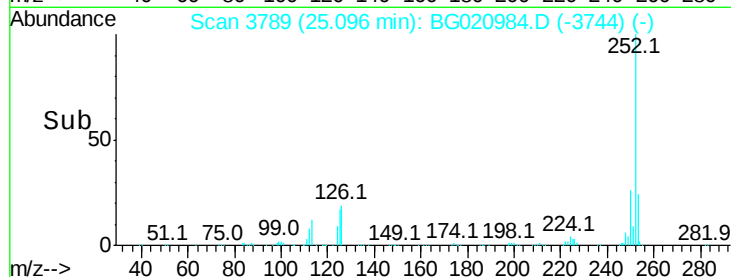
125 17.0 13.6 20.4



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: 42.81 ng

RT: 29.19 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

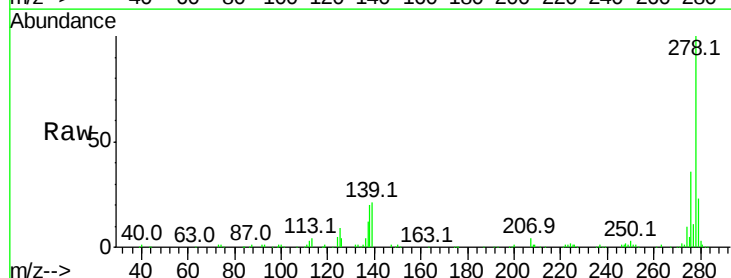
Tgt Ion:278 Resp: 295151

Ion Ratio Lower Upper

278 100

139 21.4 17.3 25.9

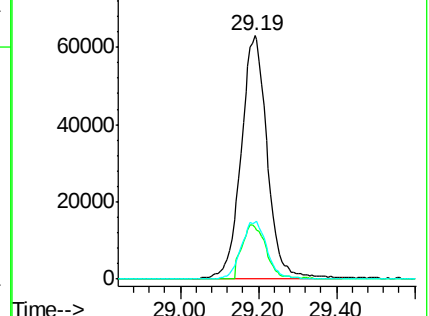
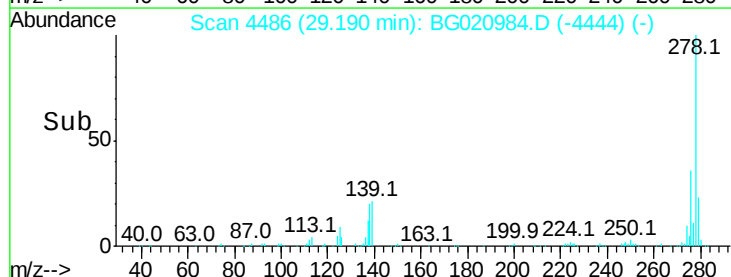
279 23.5 19.1 28.7

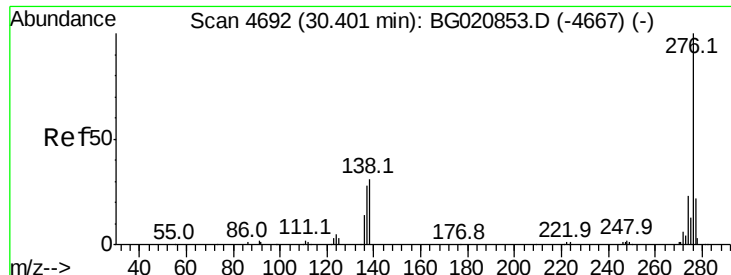


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.80 ng

RT: 30.34 min Scan# 4681

Delta R.T. -0.07 min

Lab File: BG020984.D

Acq: 19 Feb 2016 22:52

Instrument :

BNA_G

ClientSampleId :

PB88453BS

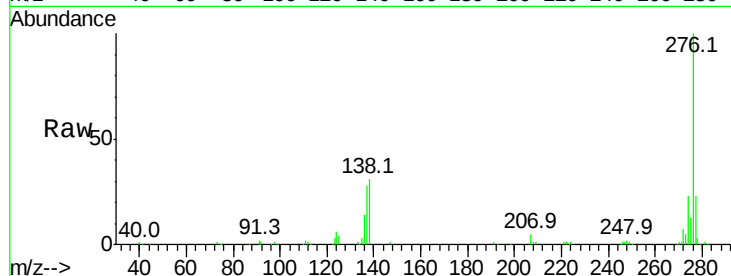
Tot Ion:276 Resp: 292906

Ion Ratio Lower Upper

276 100

277 23.3 17.6 26.4

138 30.6 25.2 37.8



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

