

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020985.D
 Acq On : 19 Feb 2016 23:32
 Operator : SJ/UM
 Sample : PB88453BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Quant Time: Feb 20 01:32:26 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	19238	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	98717	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	63356	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	138466	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129167	20.00	ng	-0.02
86) Perylene-d12	25.26	264	122202	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	107435	94.05	ng	0.00
7) Phenol-d6	7.41	99	156751	93.88	ng	0.00
23) Nitrobenzene-d5	9.43	82	125127	83.34	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	62249	99.91	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	360337	79.89	ng	0.00
78) Terphenyl-d14	20.19	244	491162	88.71	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	13281	31.97	ng	93
3) Pyridine	4.04	79	41117	33.47	ng	98
4) n-Nitrosodimethylamine	3.95	42	12084	37.59	ng	94
6) Aniline	7.58	93	32438	15.58	ng	100
8) 2-Chlorophenol	7.82	128	64522	45.21	ng	99
9) Benzaldehyde	7.39	77	8670	10.37	ng	97
10) Phenol	7.43	94	81162	45.93	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	55280	39.17	ng	94
12) 1,3-Dichlorobenzene	8.15	146	59230	39.26	ng	100
13) 1,4-Dichlorobenzene	8.30	146	61576	40.25	ng	98
14) 1,2-Dichlorobenzene	8.62	146	60162	40.43	ng	99
15) Benzyl Alcohol	8.50	79	46929	44.59	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	53707	36.48	ng	98
17) 2-Methylphenol	8.70	107	57446	45.13	ng	97
18) Hexachloroethane	9.36	117	21313	40.52	ng	97
19) n-Nitroso-di-n-propylamine	9.06	70	41820	38.82	ng	# 96
20) 3+4-Methylphenols	9.03	107	80751	45.52	ng	94
22) Acetophenone	9.09	105	88942	37.38	ng	# 99
24) Nitrobenzene	9.47	77	61017	38.99	ng	97
25) Isophorone	10.00	82	123428	39.00	ng	98
26) 2-Nitrophenol	10.19	139	35977	43.68	ng	97
27) 2,4-Dimethylphenol	10.24	122	68636	43.49	ng	99
28) bis(2-Chloroethoxy)methane	10.47	93	81022	41.55	ng	99
29) 2,4-Dichlorophenol	10.72	162	68383	48.34	ng	98
30) 1,2,4-Trichlorobenzene	10.94	180	58146	40.81	ng	98
31) Naphthalene	11.14	128	208552	40.84	ng	100
32) Benzoic acid	10.37	122	51267	40.50	ng	100
33) 4-Chloroaniline	11.24	127	15560	7.08	ng	98
34) Hexachlorobutadiene	11.41	225	29190	40.19	ng	98
35) Caprolactam	12.01	113	19246	35.51	ng	97
36) 4-Chloro-3-methylphenol	12.34	107	79369	48.97	ng	99
37) 2-Methylnaphthalene	12.72	142	164086	45.79	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	68825	37.03	ng	98
40) Hexachlorocyclopentadiene	13.06	237	63387	77.52	ng	99

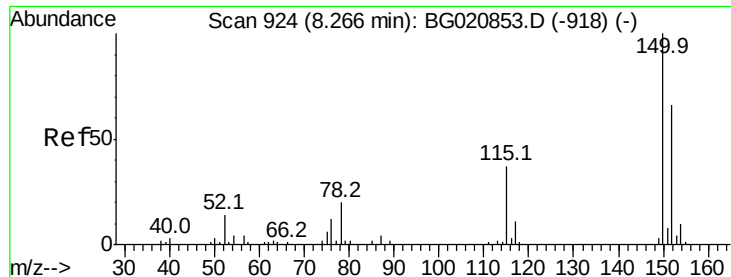
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	56802	45.50	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	63081	48.06	ng	99
45) 1,1'-Biphenyl	13.71	154	214389	38.36	ng	99
46) 2-Chloronaphthalene	13.76	162	162537	40.62	ng	99
47) 2-Nitroaniline	13.96	65	43485	45.38	ng	98
48) Acenaphthylene	14.60	152	295513	42.47	ng	99
49) Dimethylphthalate	14.32	163	219635	44.33	ng	99
50) 2,6-Dinitrotoluene	14.44	165	49335	46.47	ng	98
51) Acenaphthene	14.94	154	177767	42.14	ng	98
52) 3-Nitroaniline	14.77	138	24247	19.66	ng	97
53) 2,4-Dinitrophenol	14.98	184	47562	102.95	ng	89
54) Dibenzofuran	15.27	168	269739	48.34	ng	99
55) 4-Nitrophenol	15.07	139	93298	100.15	ng	98
56) 2,4-Dinitrotoluene	15.22	165	69443	50.60	ng	95
57) Fluorene	15.91	166	233822	45.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	54331	54.32	ng	99
59) Diethylphthalate	15.67	149	236322	46.40	ng	99
60) 4-Chlorophenyl-phenylether	15.90	204	101831	44.62	ng	98
61) 4-Nitroaniline	15.93	138	56890	45.94	ng	99
62) Azobenzene	16.19	77	193119	48.23	ng	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	31292	44.88	ng	98
65) n-Nitrosodiphenylamine	16.11	169	198628	44.40	ng	98
66) 4-Bromophenyl-phenylether	16.79	248	63165	43.19	ng	99
67) Hexachlorobenzene	16.92	284	68961	44.31	ng	97
68) Atrazine	17.05	200	60980	44.92	ng	99
69) Pentachlorophenol	17.26	266	81243	91.07	ng	97
70) Phenanthrene	17.65	178	347816	44.12	ng	99
71) Anthracene	17.74	178	344032	43.00	ng	100
72) Carbazole	18.01	167	321779	44.81	ng	100
73) Di-n-butylphthalate	18.54	149	394075	42.80	ng	99
74) Fluoranthene	19.64	202	365729	42.95	ng	98
76) Benzidine	19.81	184	96652	23.14	ng	97
77) Pyrene	20.00	202	378074	44.37	ng	99
79) Butylbenzylphthalate	20.87	149	179015	43.89	ng	99
80) Benzo(a)anthracene	21.87	228	345840	44.85	ng	100
81) 3,3'-Dichlorobenzidine	21.77	252	44879	15.68	ng	98
82) Chrysene	21.94	228	304090	41.93	ng	100
83) Bis(2-ethylhexyl)phthalate	21.75	149	261182	43.19	ng	100
84) Di-n-octyl phthalate	23.01	149	435753	43.90	ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	368693	44.21	ng	98
87) Benzo(b)fluoranthene	24.18	252	335463	44.86	ng	99
88) Benzo(k)fluoranthene	24.25	252	315251	43.02	ng	99
89) Benzo(a)pyrene	25.10	252	316856	44.47	ng	100
90) Dibenzo(a,h)anthracene	29.19	278	301321	43.49	ng	99
91) Benzo(g,h,i)perylene	30.33	276	298847	43.45	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

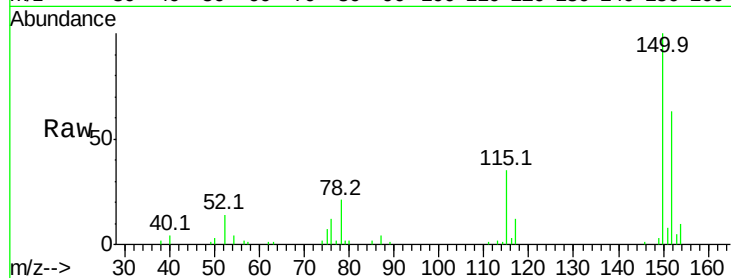
Tot Ion:152 Resp: 19238

Ion Ratio Lower Upper

152 100

150 157.8 122.0 183.0

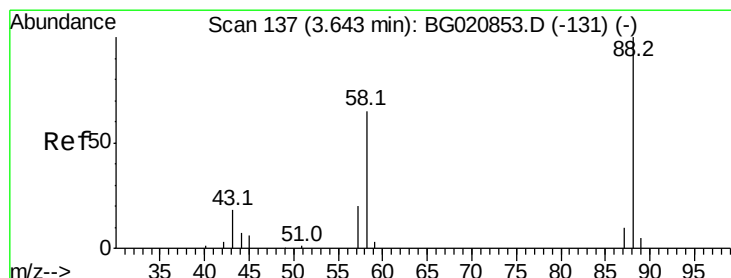
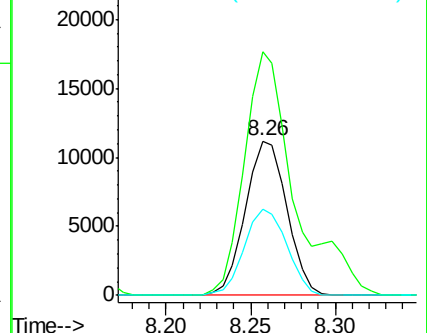
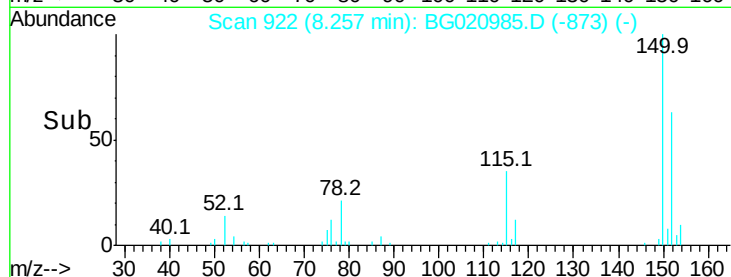
115 56.0 45.2 67.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.97 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

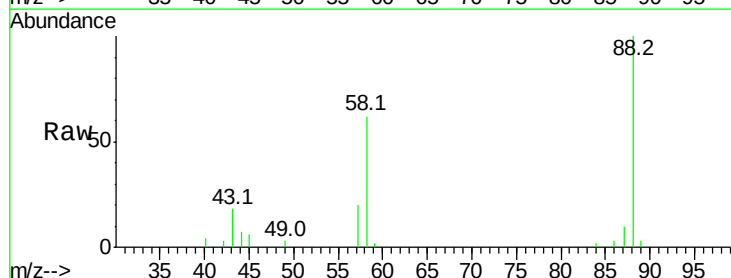
Tgt Ion: 88 Resp: 13281

Ion Ratio Lower Upper

88 100

58 68.7 50.3 75.5

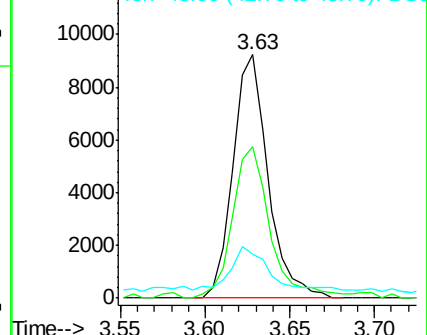
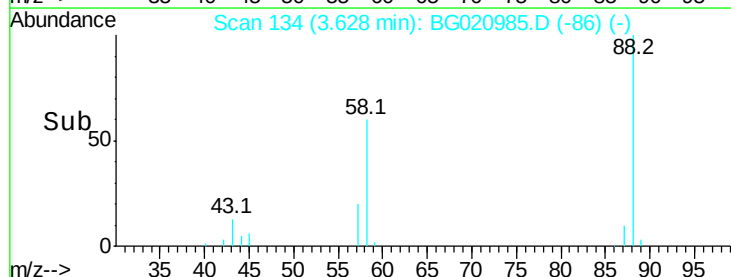
43 19.7 14.5 21.7

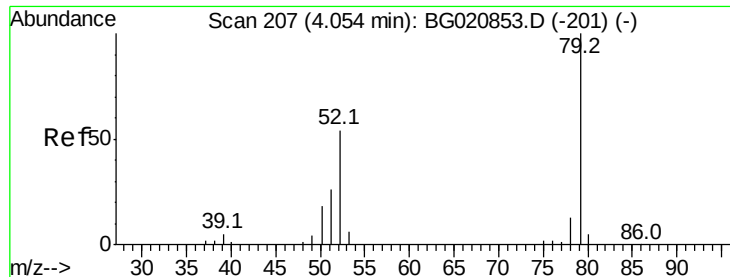


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.47 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

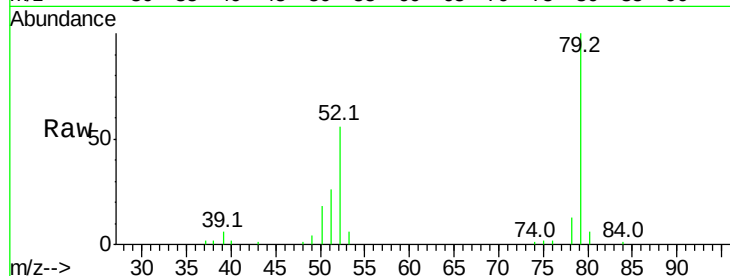
Tot Ion: 79 Resp: 41117

Ion Ratio Lower Upper

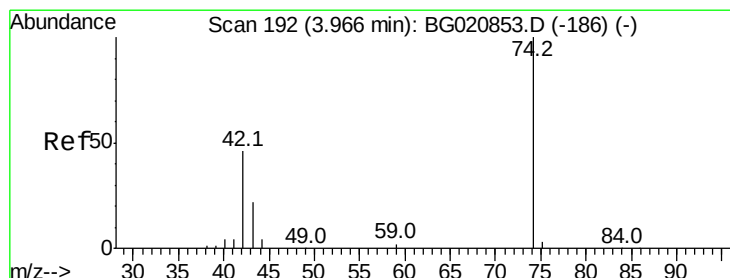
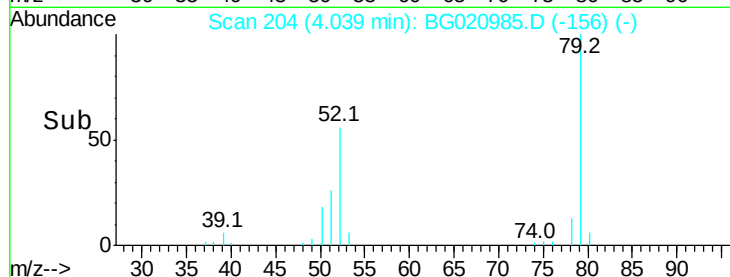
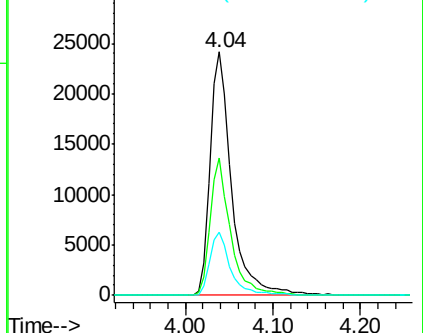
79 100

52 56.2 43.1 64.7

51 25.9 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: 37.59 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

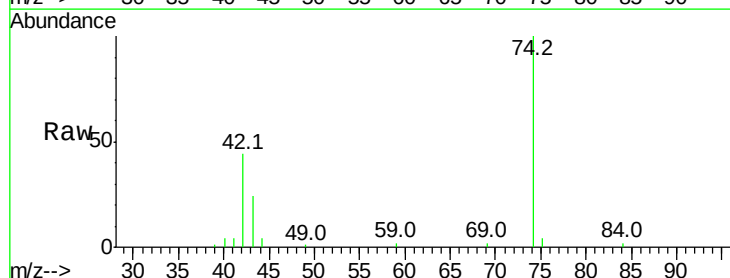
Tgt Ion: 42 Resp: 12084

Ion Ratio Lower Upper

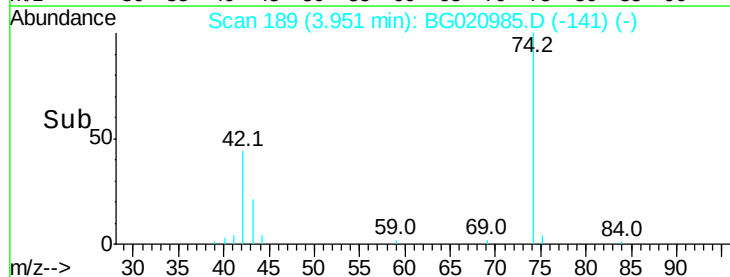
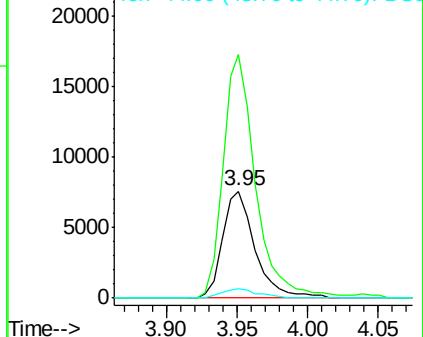
42 100

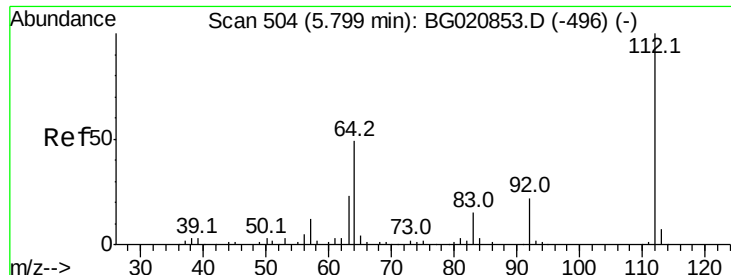
74 227.6 173.8 260.6

44 8.8 6.3 9.5



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





#5

2-Fluorophenol

Concen: 94.05 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

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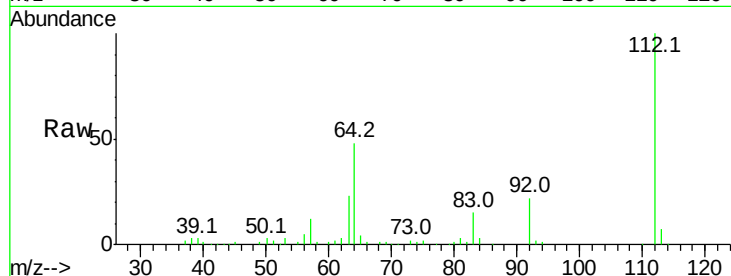
Tot Ion: 112 Resp: 107435

Ion Ratio Lower Upper

112 100

64 47.6 39.3 58.9

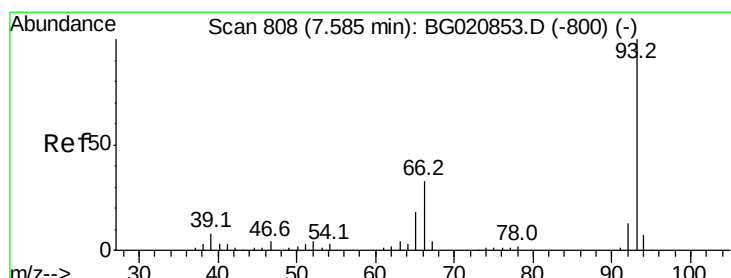
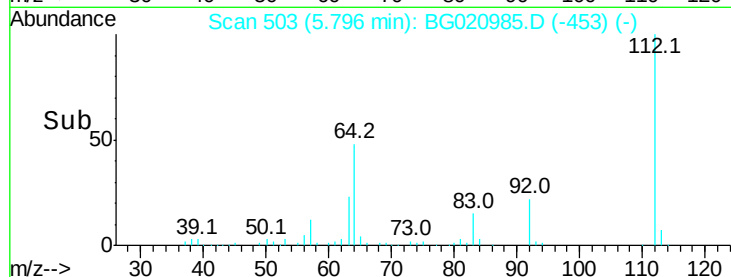
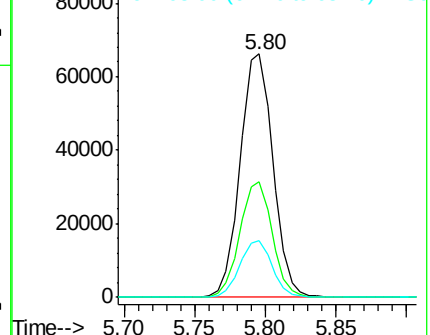
63 23.2 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.58 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

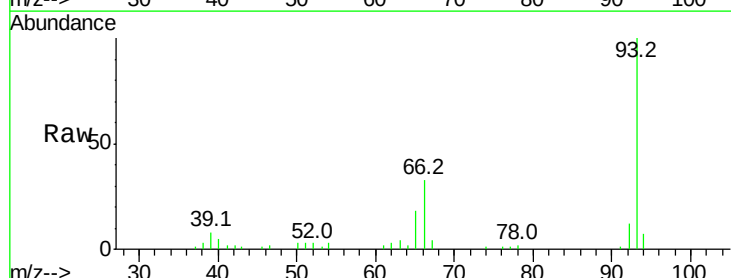
Tgt Ion: 93 Resp: 32438

Ion Ratio Lower Upper

93 100

66 33.3 26.6 40.0

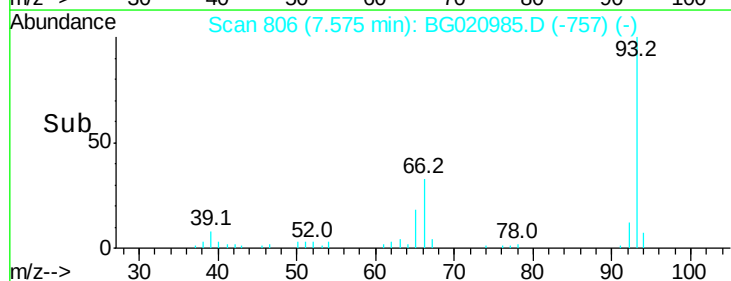
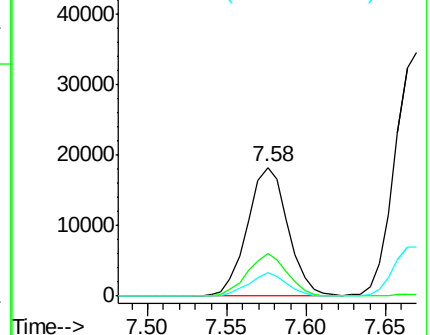
65 17.7 14.0 21.0

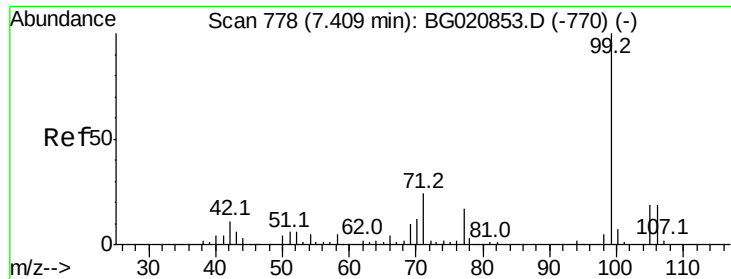


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.88 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020985.D

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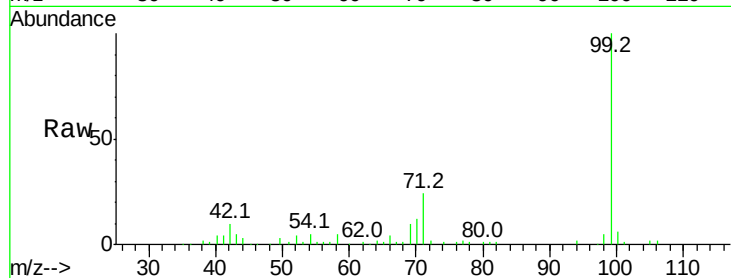
Tot Ion: 99 Resp: 156751

Ion Ratio Lower Upper

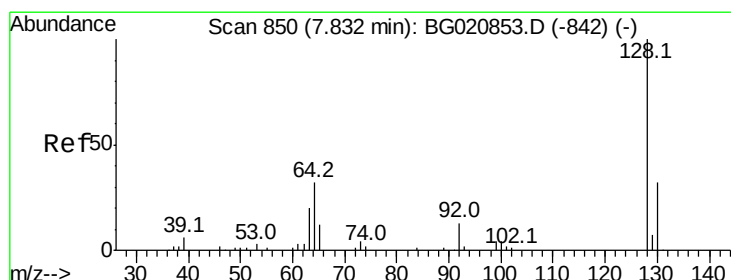
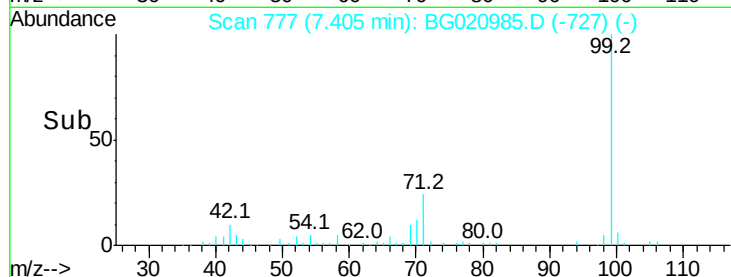
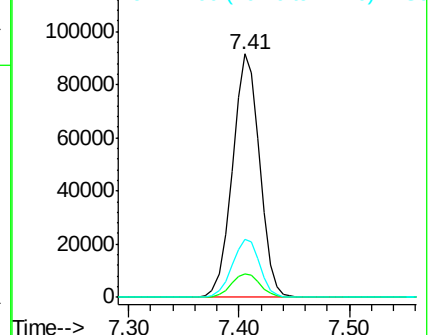
99 100

42 9.6 8.4 12.6

71 24.0 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: 45.21 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

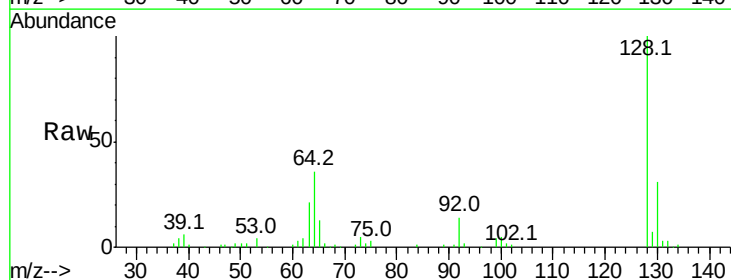
Tgt Ion: 128 Resp: 64522

Ion Ratio Lower Upper

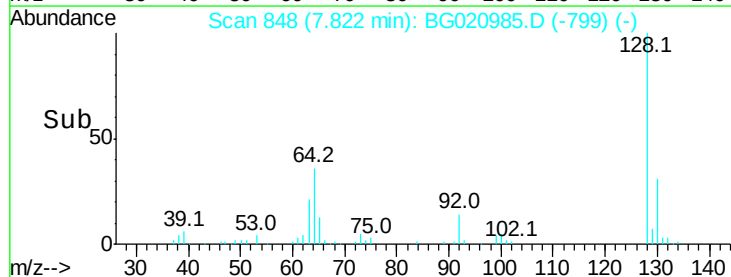
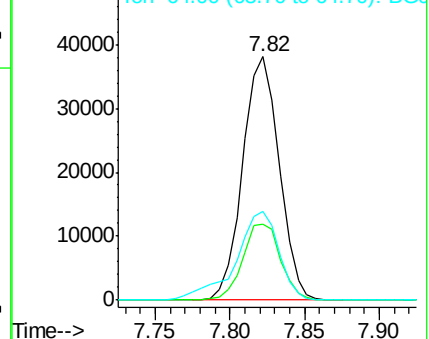
128 100

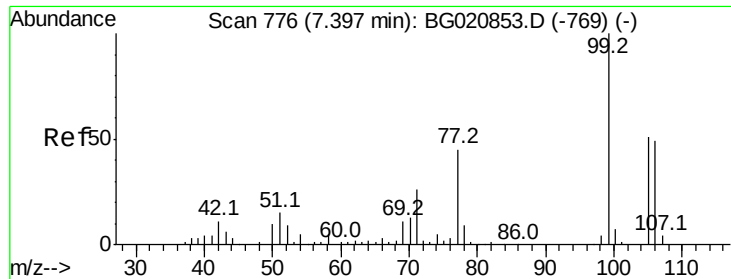
130 31.4 12.3 52.3

64 36.2 15.9 55.9



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





#9

Benzaldehyde

Concen: 10.37 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

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ClientSampleId :

PB88453BSD

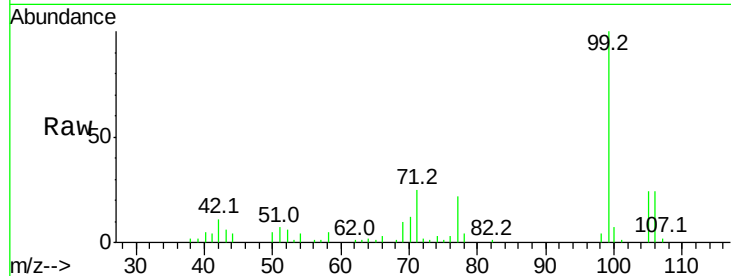
Tot Ion: 77 Resp: 8670

Ion Ratio Lower Upper

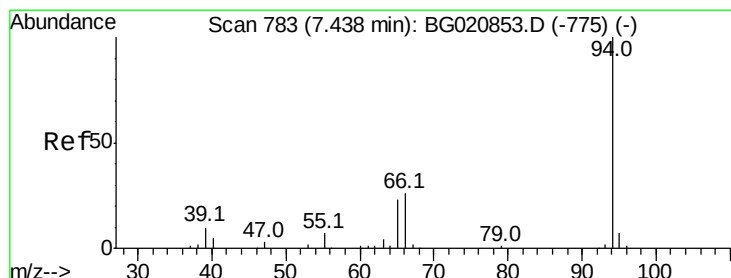
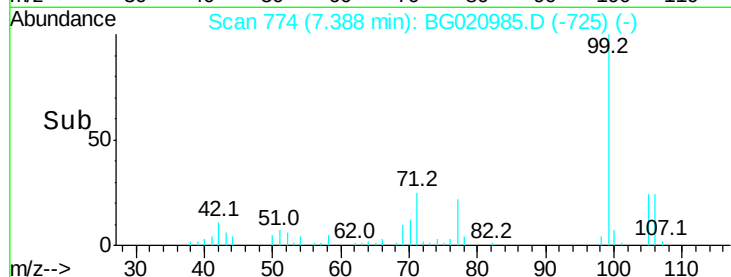
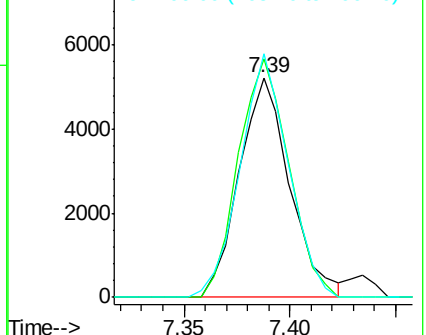
77 100

105 108.6 93.4 133.4

106 110.7 88.7 128.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.93 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

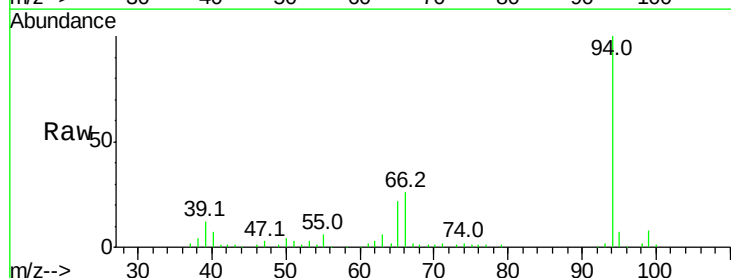
Tgt Ion: 94 Resp: 81162

Ion Ratio Lower Upper

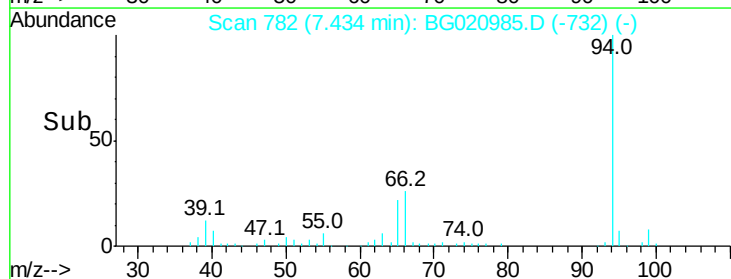
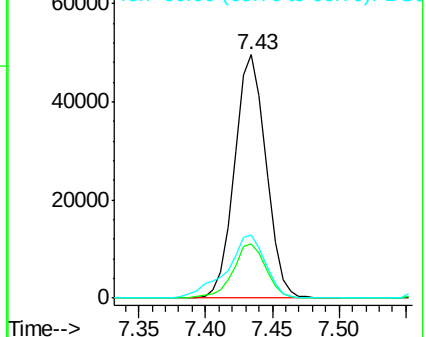
94 100

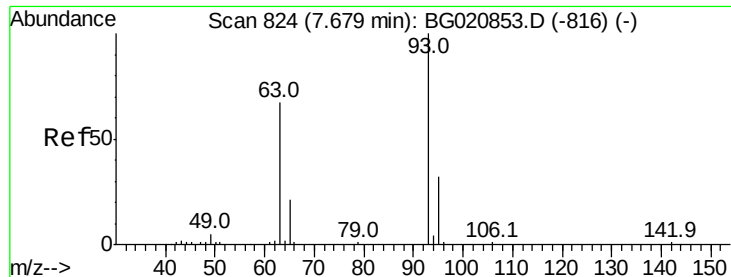
65 22.1 2.8 42.8

66 25.8 7.2 47.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.17 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

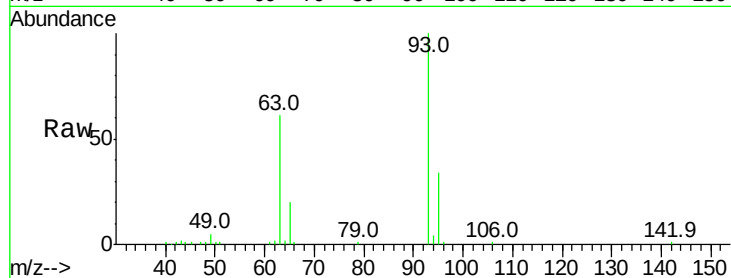
Tot Ion: 93 Resp: 55280

Ion Ratio Lower Upper

93 100

63 60.9 46.4 86.4

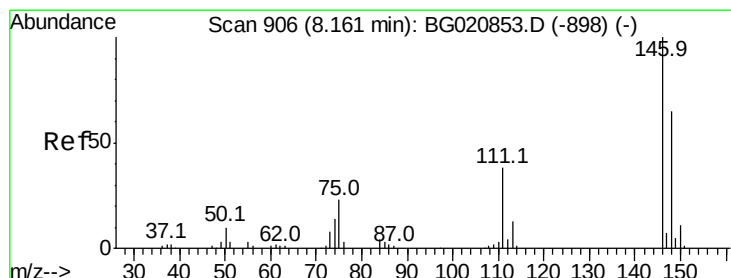
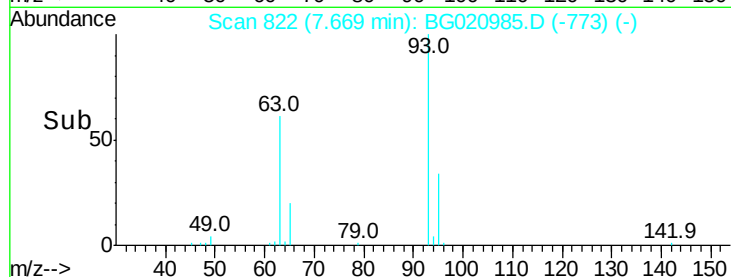
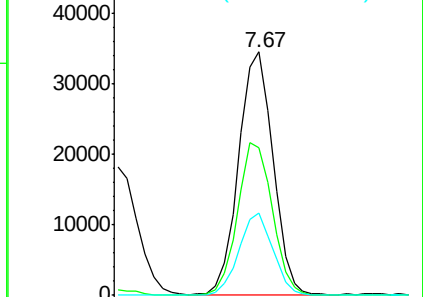
95 33.6 12.1 52.1



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: 39.26 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

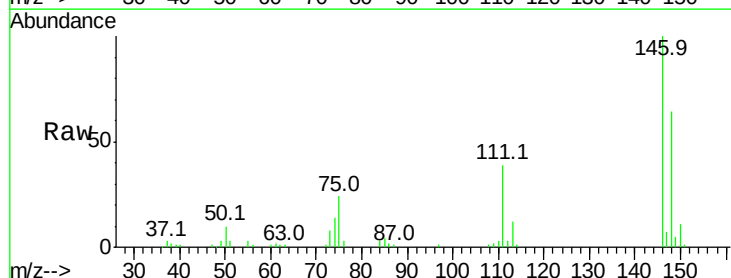
Tgt Ion: 146 Resp: 59230

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

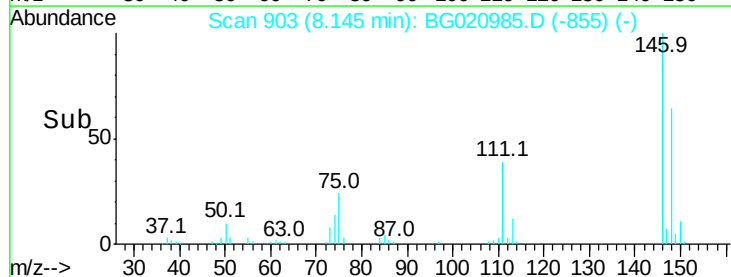
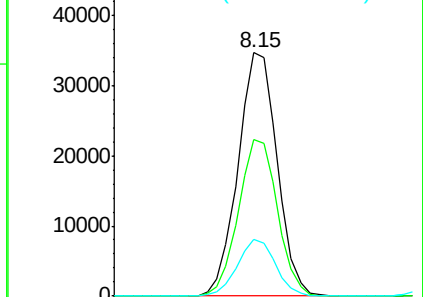
75 23.6 18.7 28.1

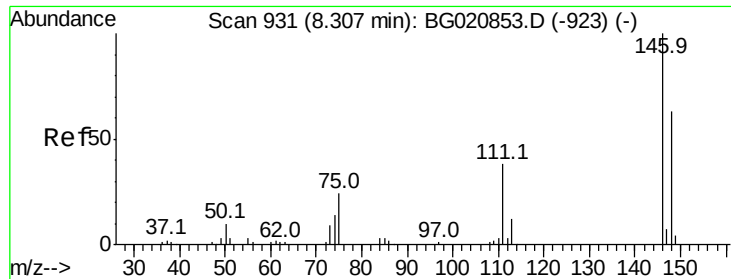


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

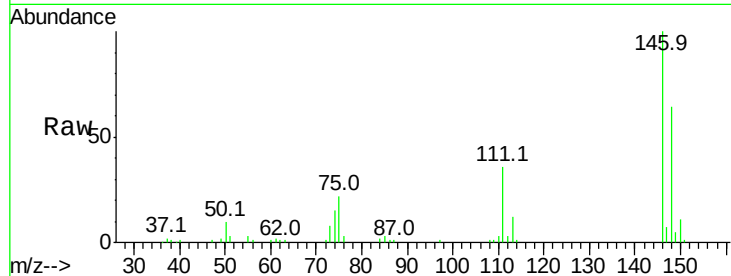




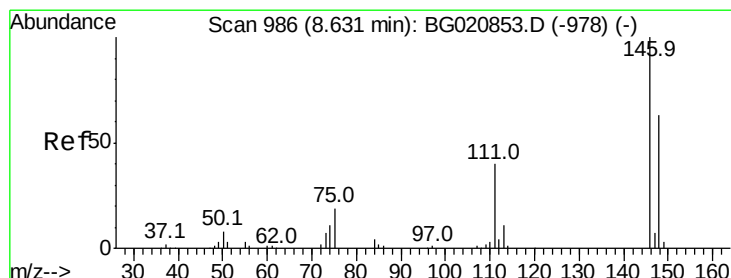
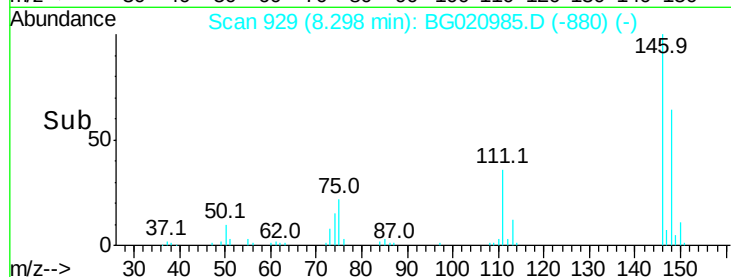
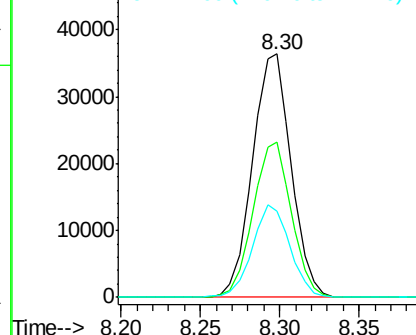
#13
1,4-Dichlorobenzene
Concen: 40.25 ng
RT: 8.30 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:146 Resp: 61576
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 35.6 30.1 45.1

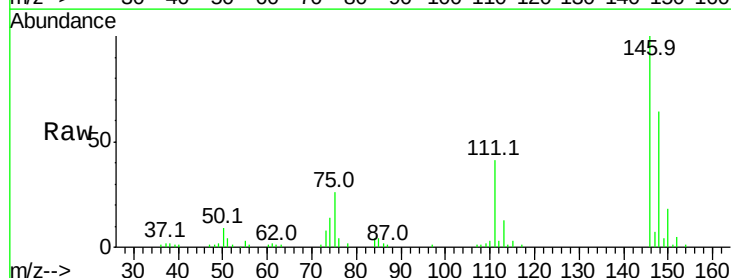


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

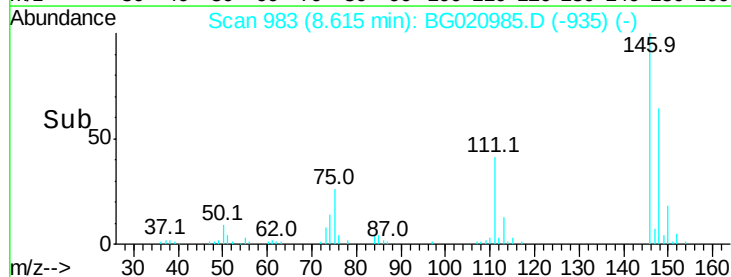
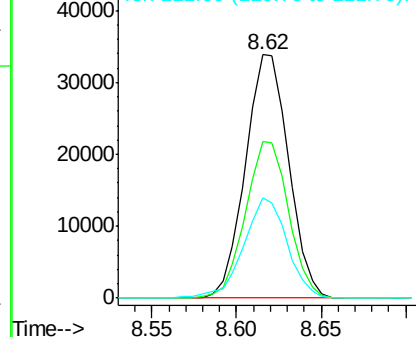


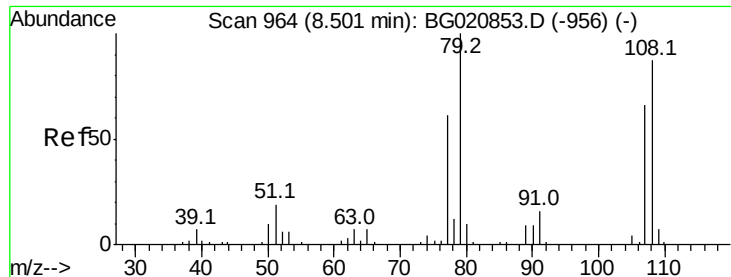
#14
1,2-Dichlorobenzene
Concen: 40.43 ng
RT: 8.62 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:146 Resp: 60162
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
111 41.0 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: 44.59 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

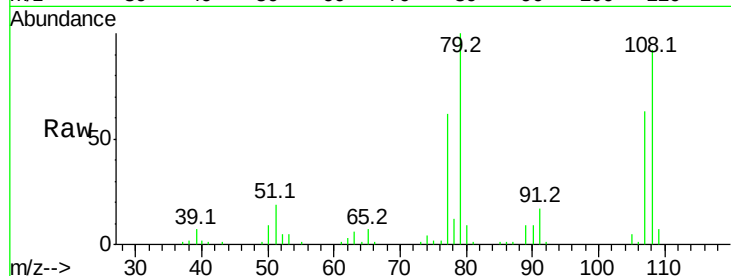
Tot Ion: 79 Resp: 46929

Ion Ratio Lower Upper

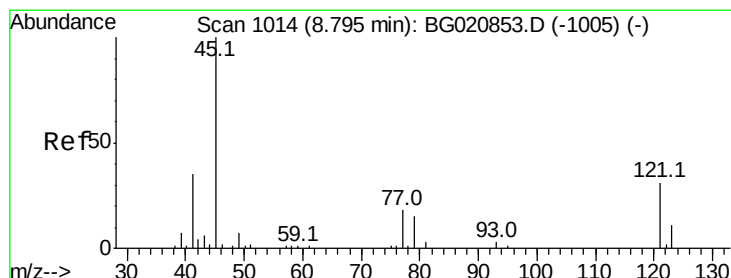
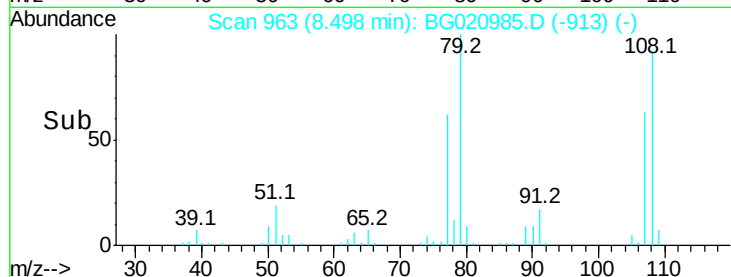
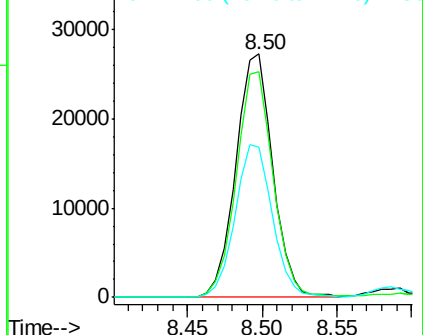
79 100

108 92.5 69.4 104.2

77 61.6 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: 36.48 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

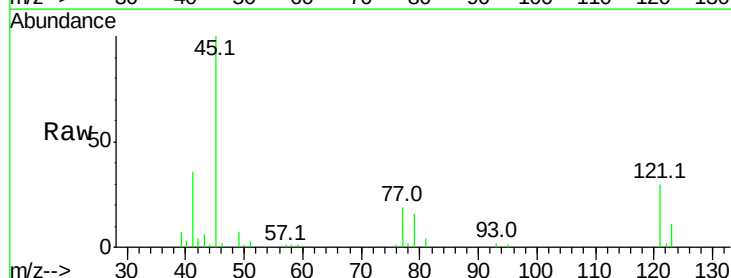
Tgt Ion: 45 Resp: 53707

Ion Ratio Lower Upper

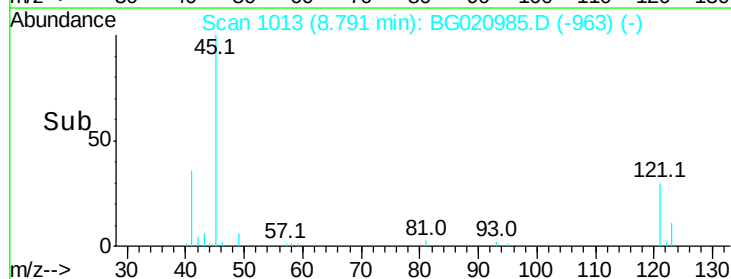
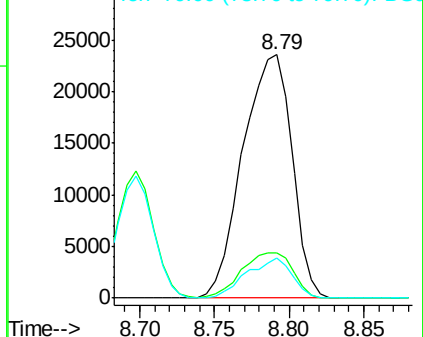
45 100

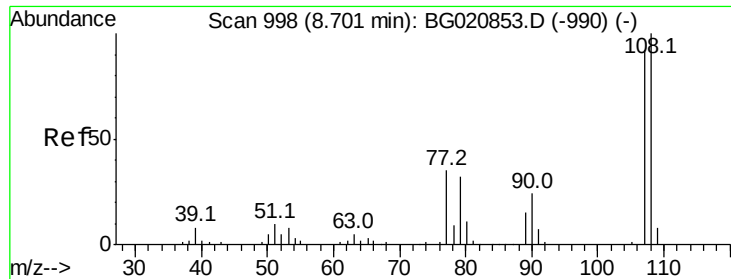
77 18.6 0.0 38.5

79 16.2 0.0 34.9



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

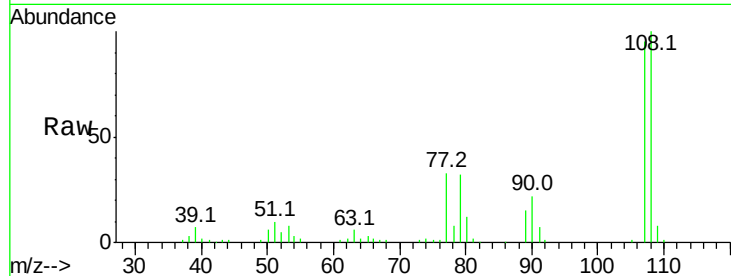




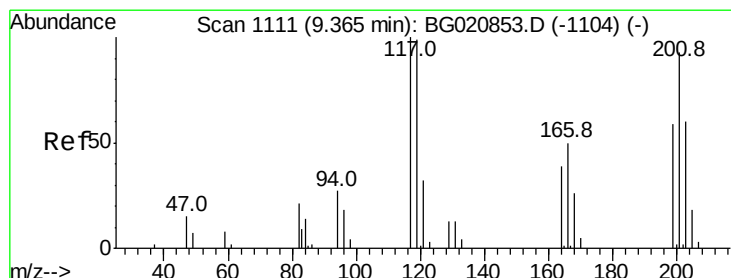
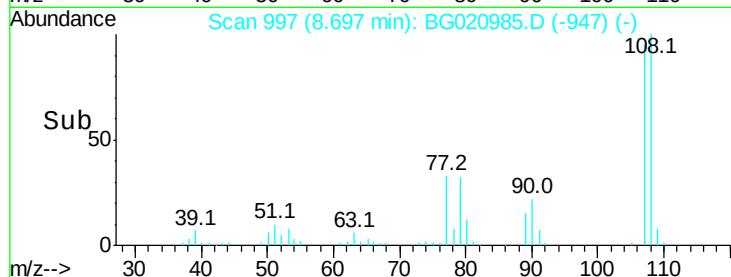
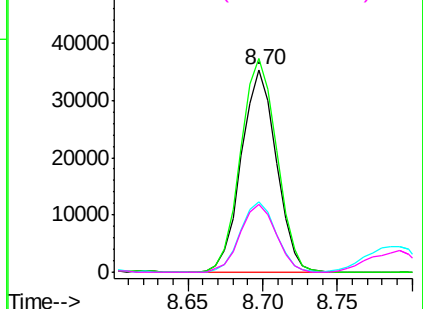
#17
2-Methylphenol
Concen: 45.13 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:107 Resp: 57446
Ion Ratio Lower Upper
107 100
108 105.6 87.0 130.4
77 34.9 30.1 45.1
79 33.4 27.4 41.2

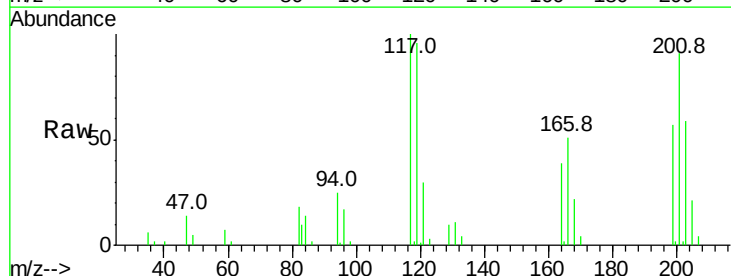


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

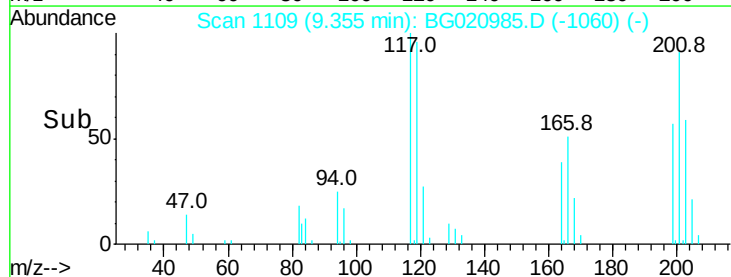
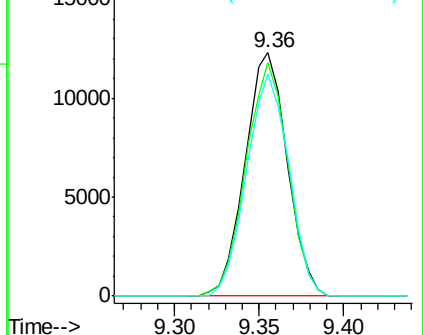


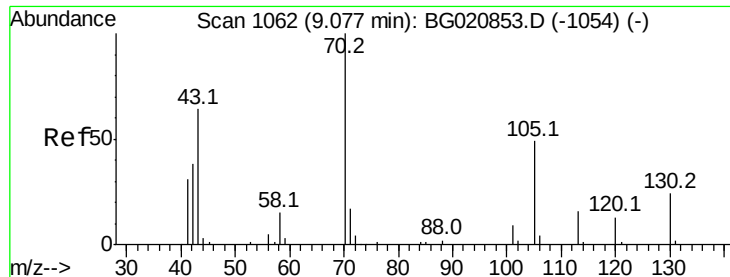
#18
Hexachloroethane
Concen: 40.52 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:117 Resp: 21313
Ion Ratio Lower Upper
117 100
119 96.1 79.6 119.4
201 91.3 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

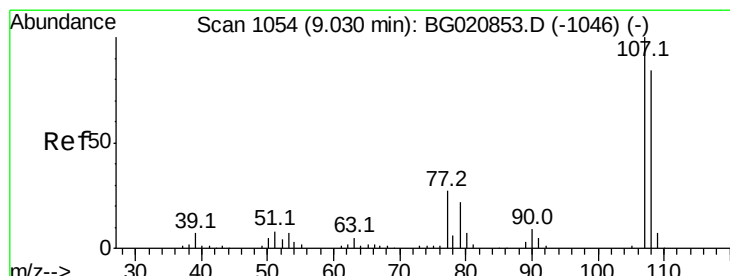
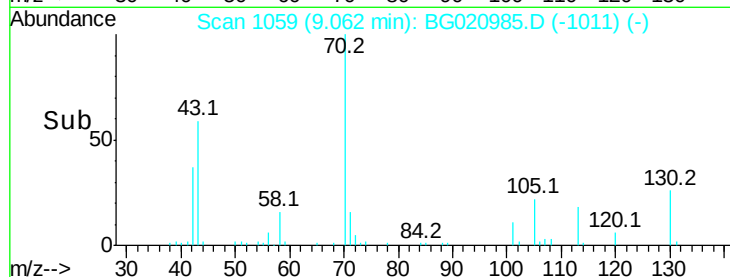
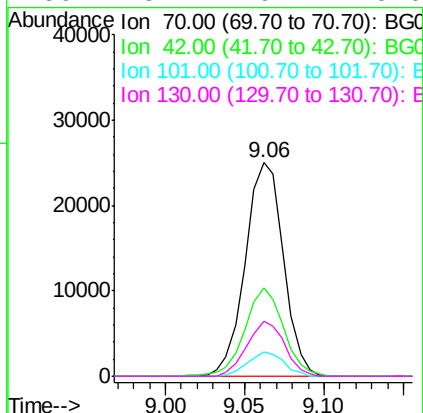
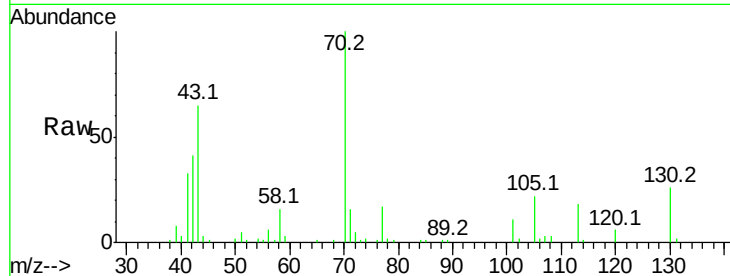




#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

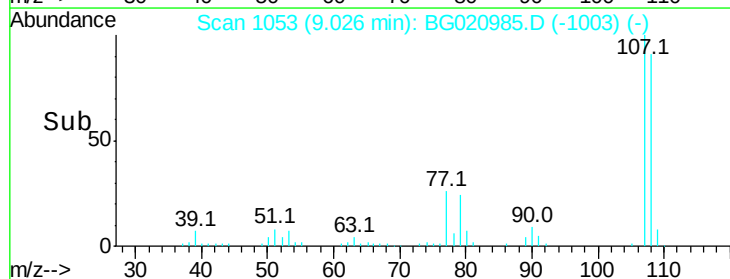
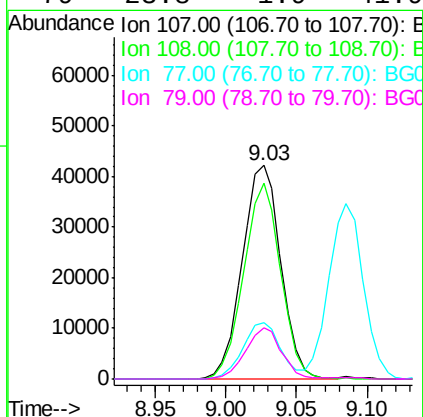
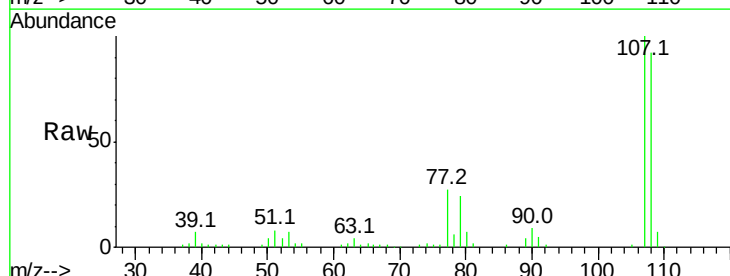
Instrument :
BNA_G
ClientSampleId :
PB88453BSD

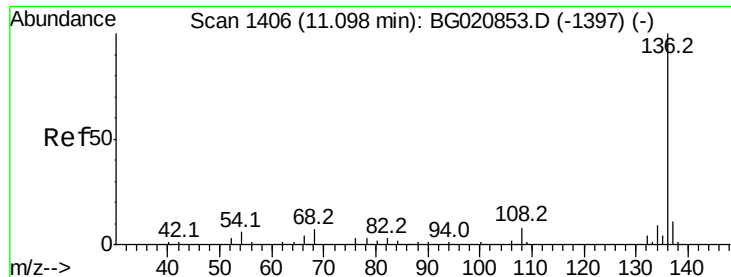
Tot Ion: 70 Resp: 41820
Ion Ratio Lower Upper
70 100
42 41.1 30.9 46.3
101 11.3 7.3 10.9#
130 25.7 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.52 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion: 107 Resp: 80751
Ion Ratio Lower Upper
107 100
108 91.6 64.4 104.4
77 26.6 7.1 47.1
79 23.8 1.9 41.9

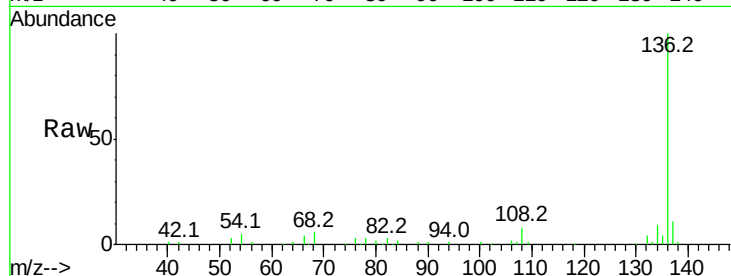




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:136	Resp:	98717
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 5.2	5.0	7.4
68 6.1	5.2	7.8



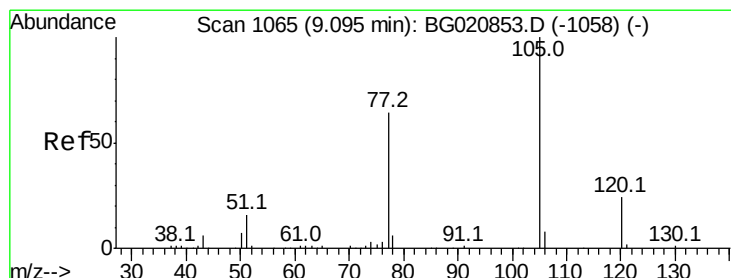
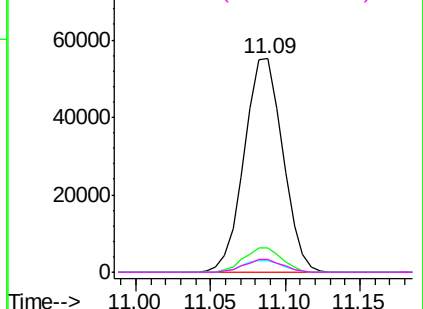
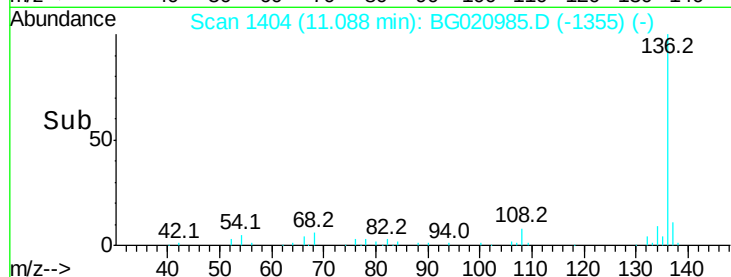
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

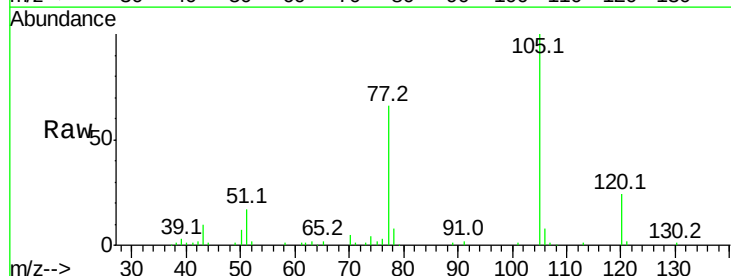
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.38 ng
RT: 9.09 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt	Ion:105	Resp:	88942
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.4	2.0#
51	17.2	13.7	20.5
120	24.1	19.0	28.6



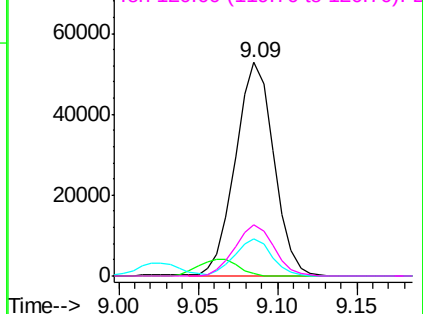
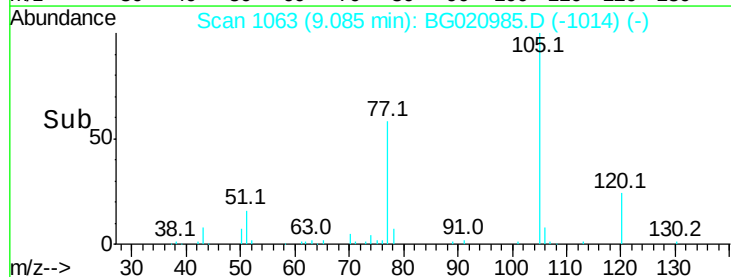
Abundance

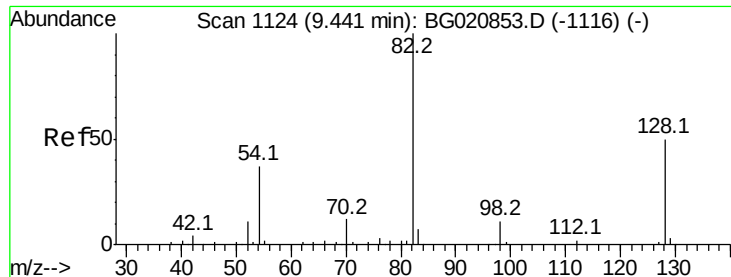
Ion 105.00 (104.70 to 105.70): E

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

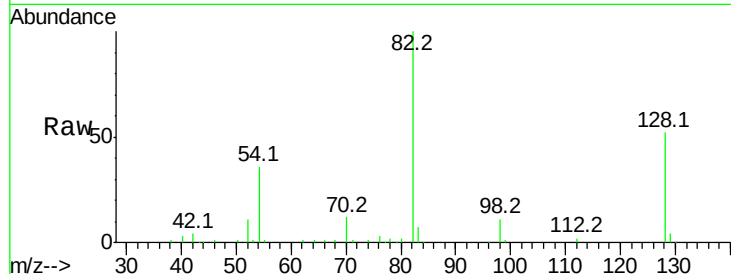




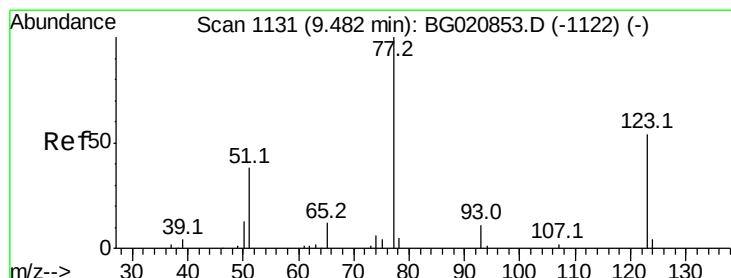
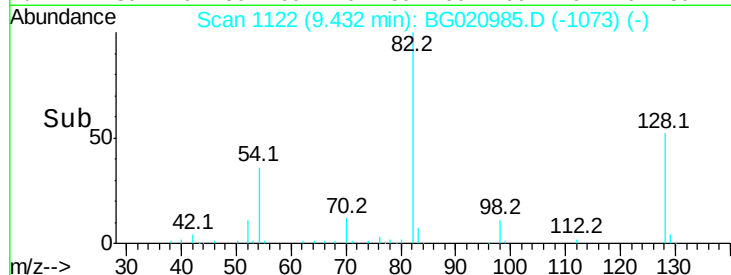
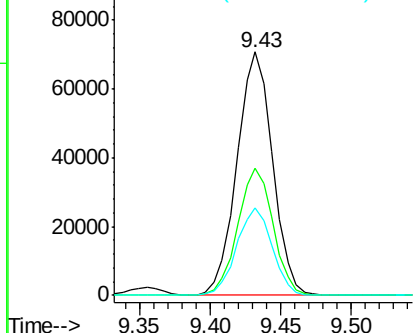
#23
 Nitrobenzene-d5
 Concen: 83.34 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleID :
 PB88453BSD

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

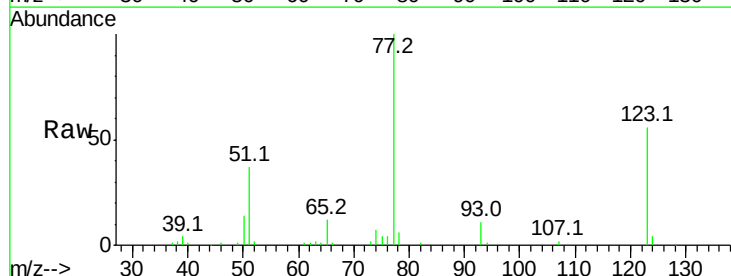


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

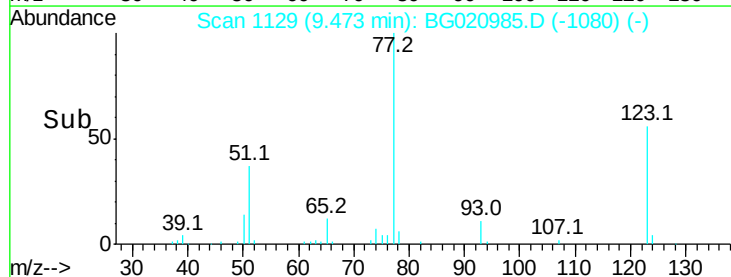
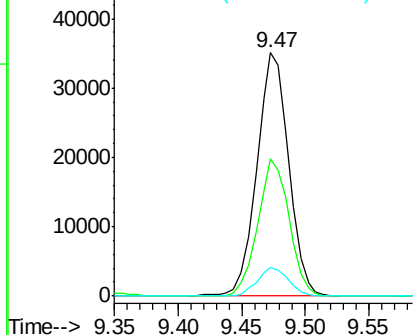


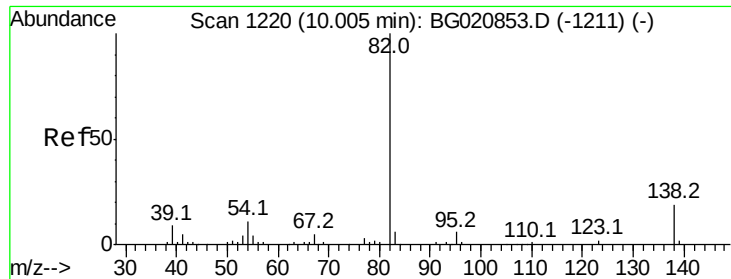
#24
 Nitrobenzene
 Concen: 38.99 ng
 RT: 9.47 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.4	43.2	64.8
65	11.5	9.2	13.8



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





#25

Isophorone

Concen: 39.00 ng

RT: 10.00 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

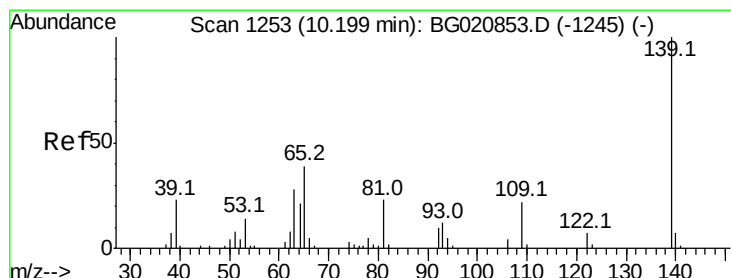
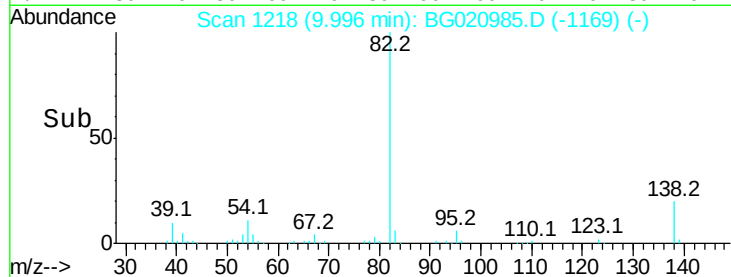
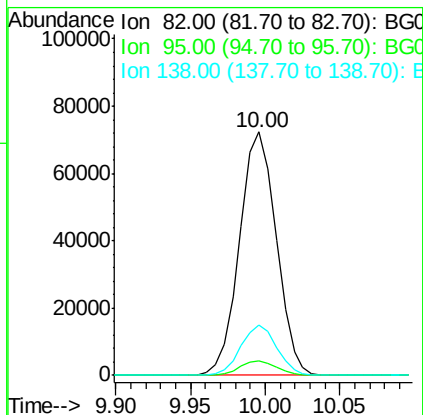
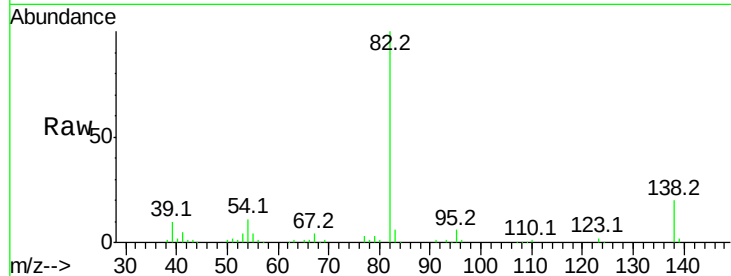
Tot Ion: 82 Resp: 123428

Ion Ratio Lower Upper

82 100

95 6.1 4.8 7.2

138 20.5 15.4 23.0



#26

2-Nitrophenol

Concen: 43.68 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

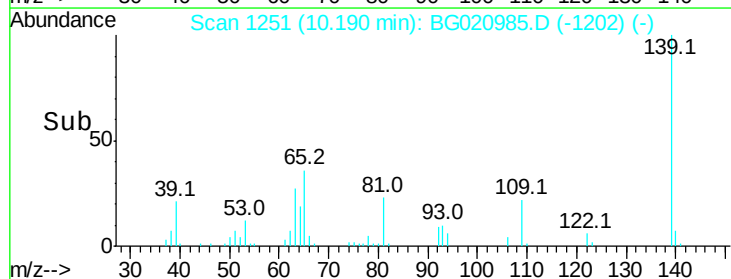
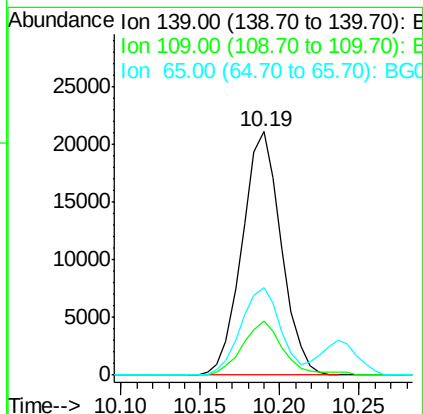
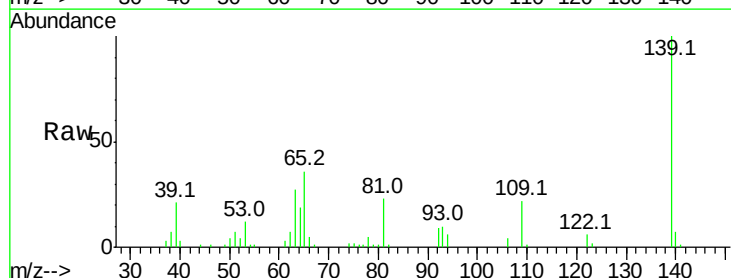
Tgt Ion: 139 Resp: 35977

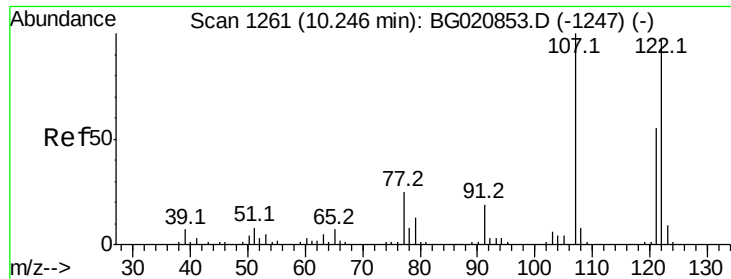
Ion Ratio Lower Upper

139 100

109 22.5 17.6 26.4

65 36.1 31.0 46.6

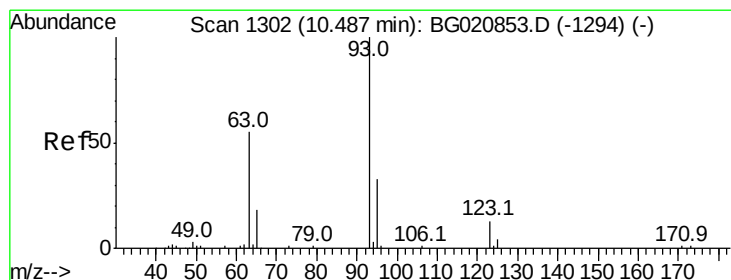
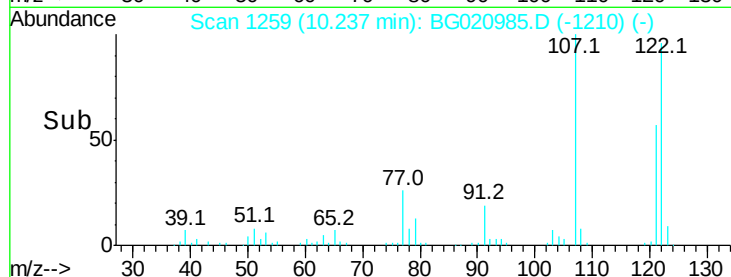
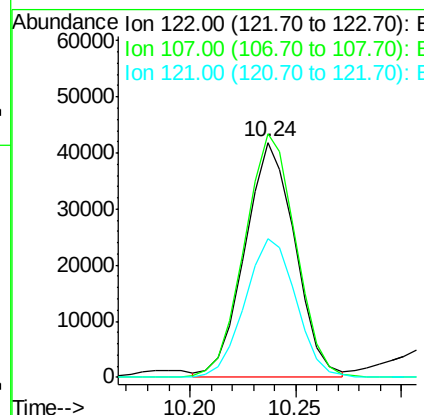
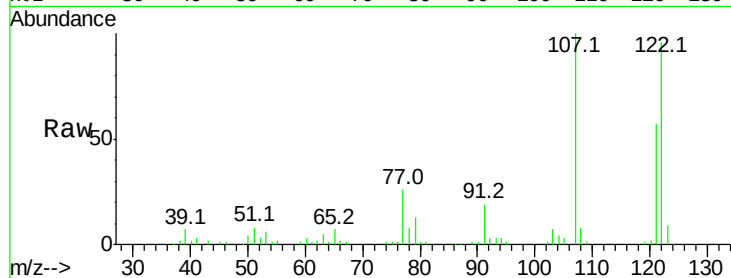




#27
 2,4-Dimethylphenol
 Concen: 43.49 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

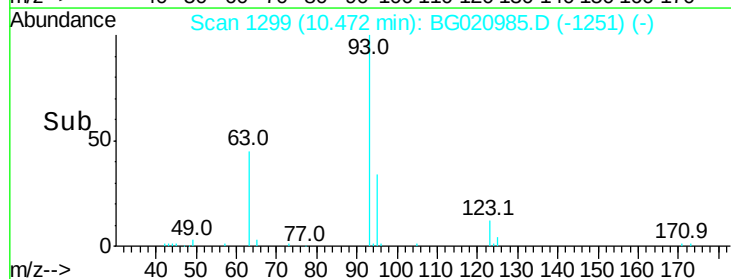
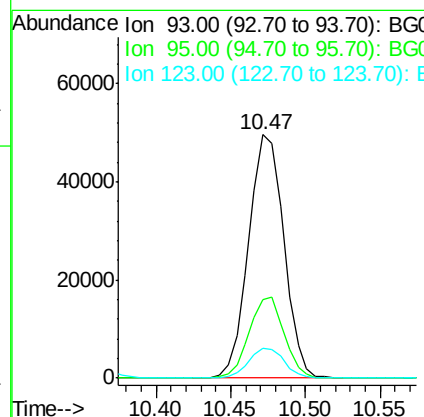
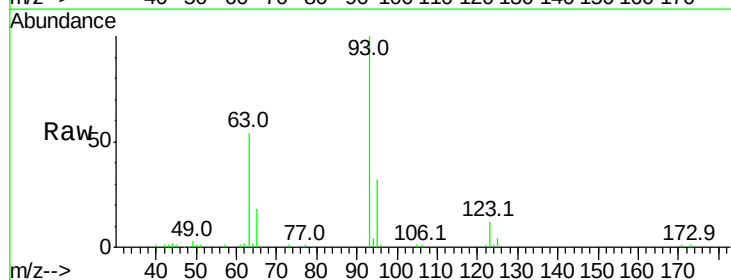
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

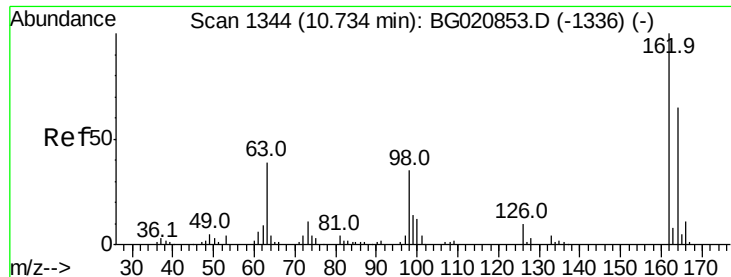
Tot Ion	Ratio	Lower	Upper
122	100		
107	103.7	82.6	124.0
121	59.1	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.55 ng
 RT: 10.47 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	12.1	10.0	15.0

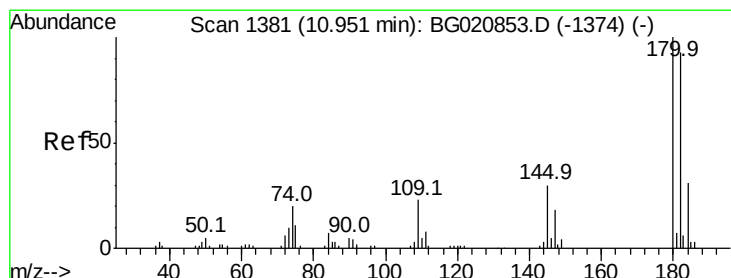
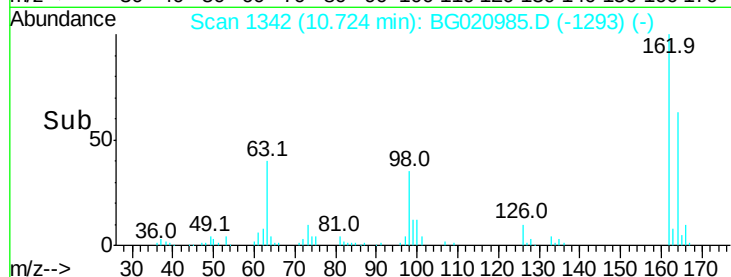
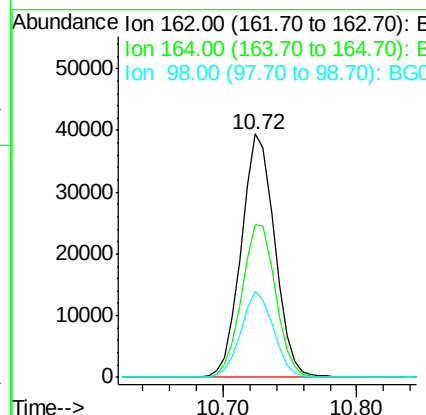
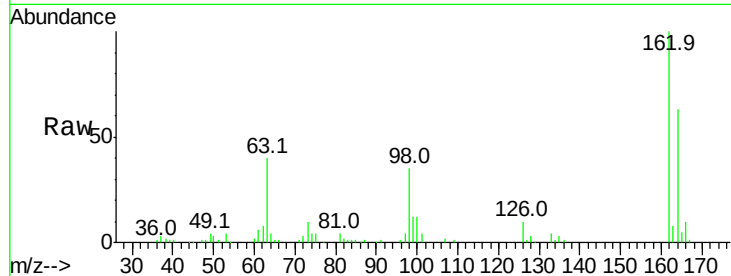




#29
 2,4-Dichlorophenol
 Concen: 48.34 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

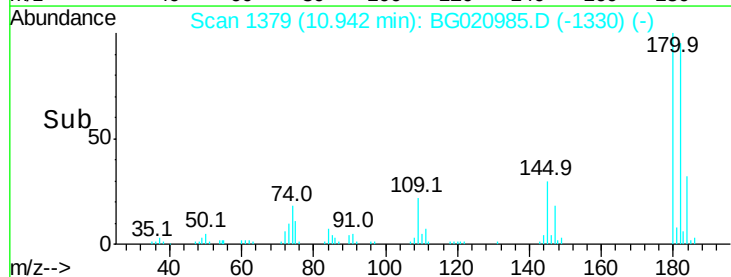
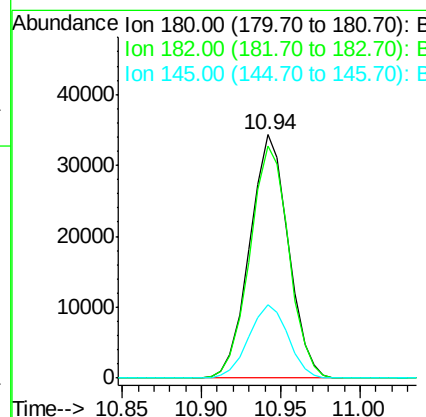
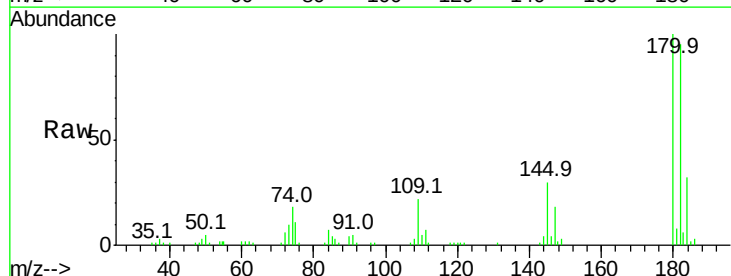
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

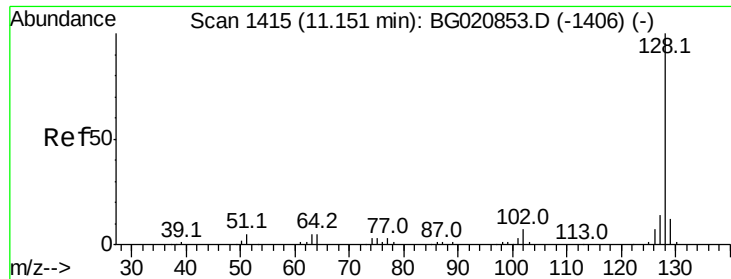
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.5	84.5
98	35.4	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 40.81 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.1	111.1
145	30.1	24.1	36.1

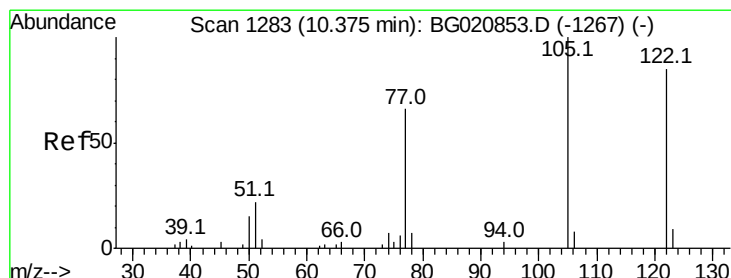
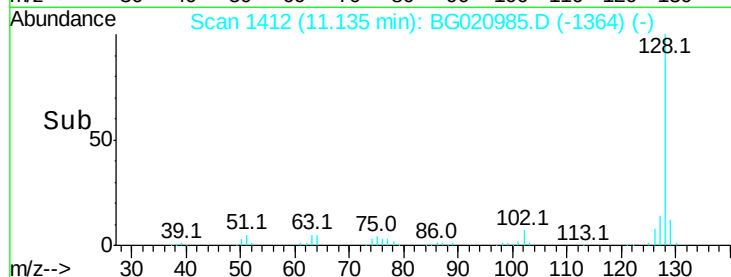
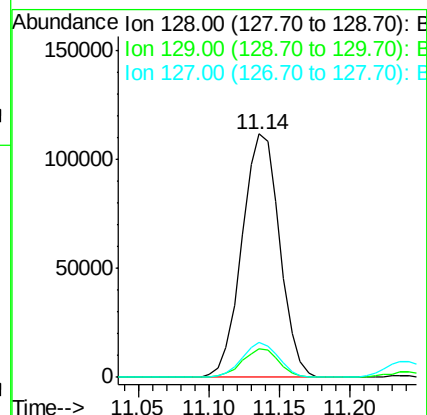
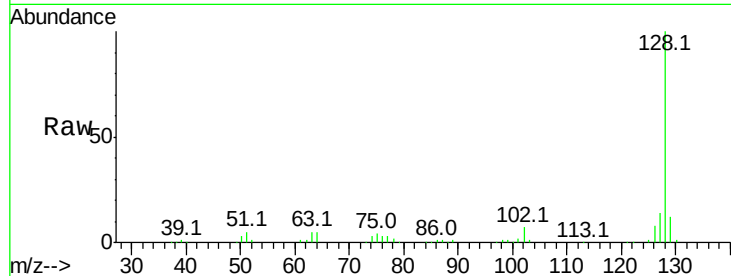




#31
Naphthalene
Concen: 40.84 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

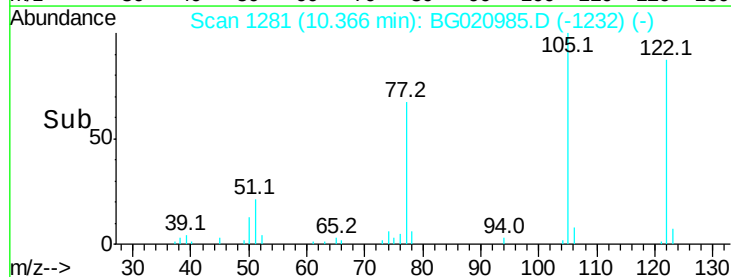
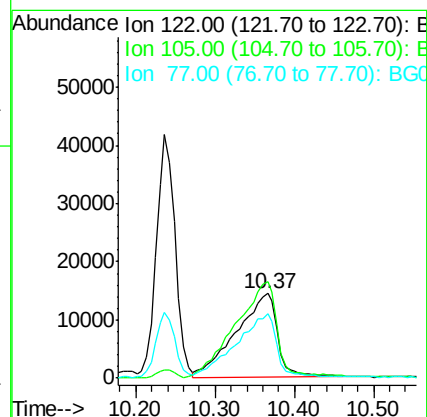
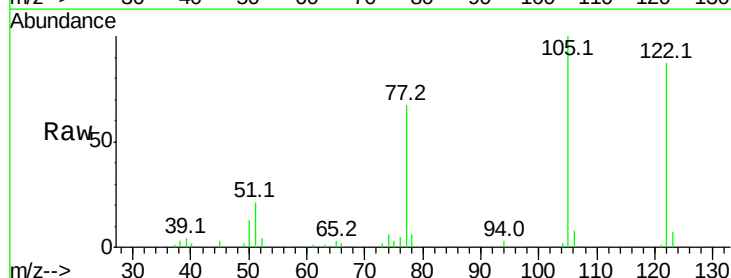
Instrument :
BNA_G
ClientSampleId :
PB88453BSD

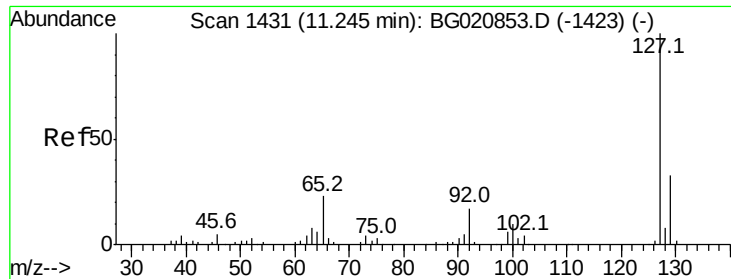
Tot Ion:128 Resp: 208552
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.1 11.4 17.2



#32
Benzoic acid
Concen: 40.50 ng
RT: 10.37 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:122 Resp: 51267
Ion Ratio Lower Upper
122 100
105 114.4 94.0 134.0
77 76.8 56.8 96.8

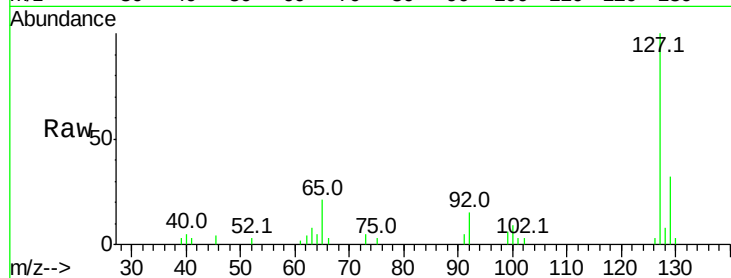




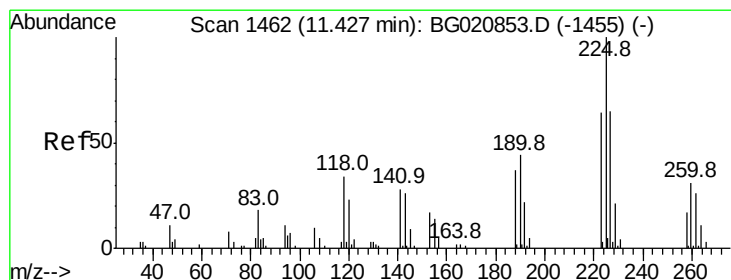
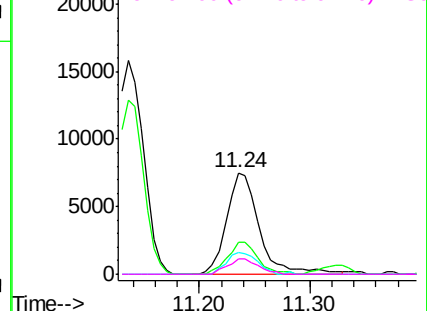
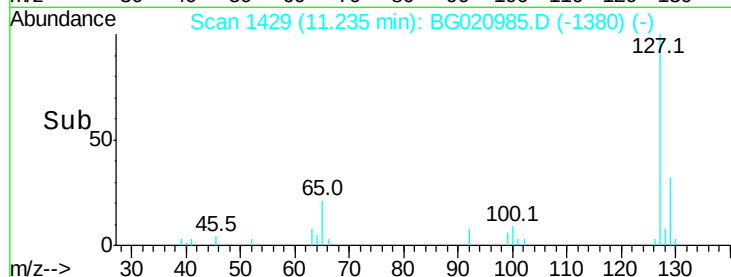
#33
4-Chloroaniline
Concen: 7.08 ng
RT: 11.24 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:	127	Resp:	15560
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	21.3	18.6	27.8
92	15.4	13.3	19.9

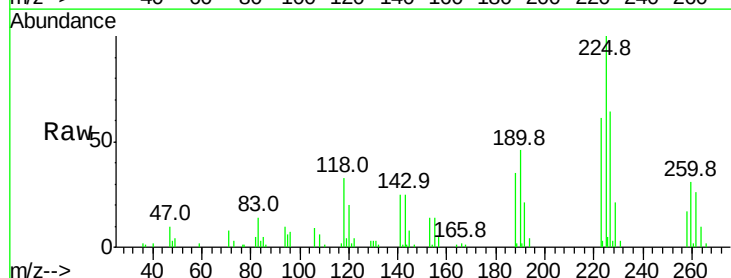


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

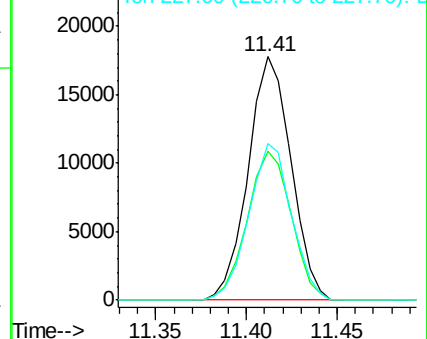
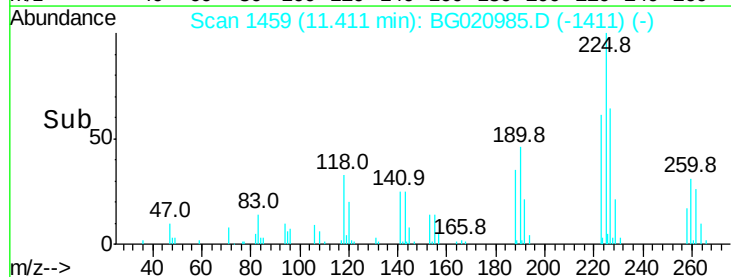


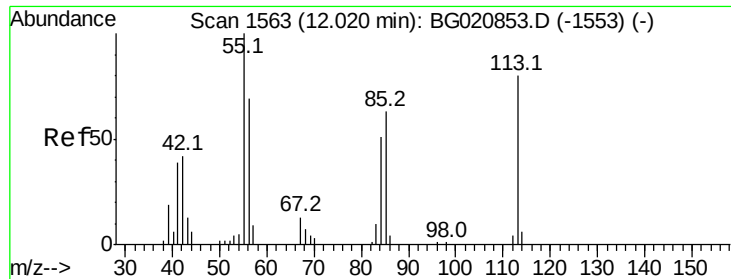
#34
Hexachlorobutadiene
Concen: 40.19 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:	225	Resp:	29190
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.0	76.6
227	64.2	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

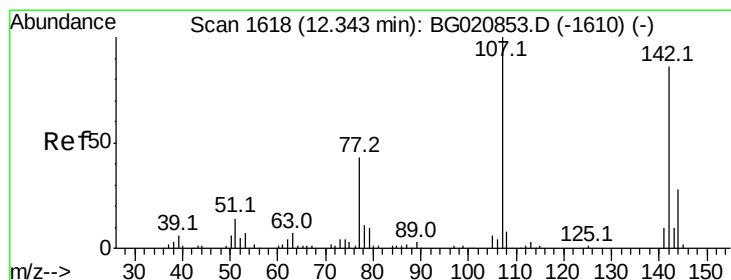
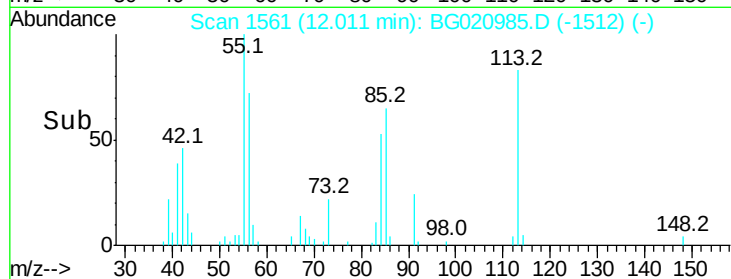
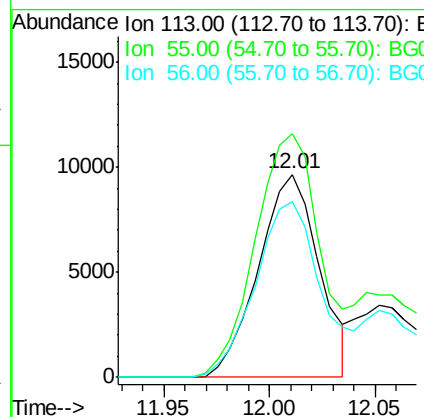
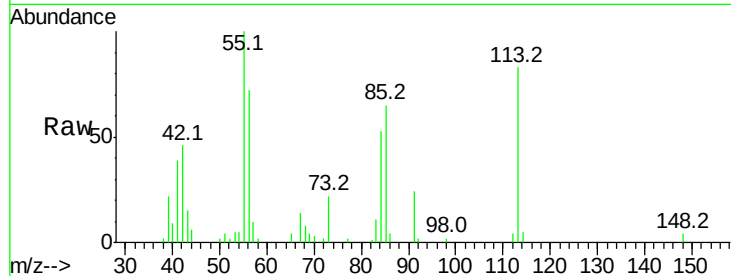




#35
 Caprolactam
 Concen: 35.51 ng
 RT: 12.01 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

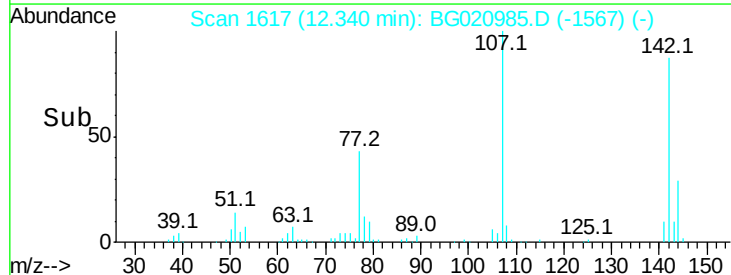
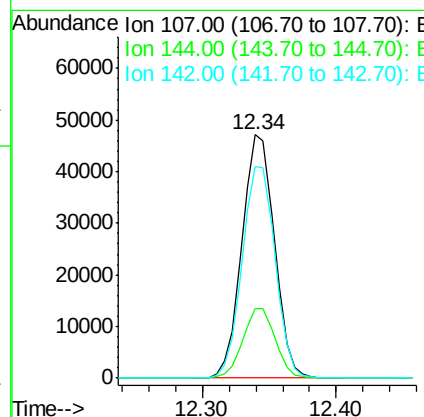
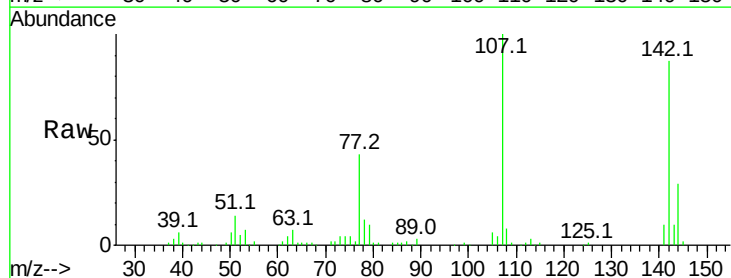
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

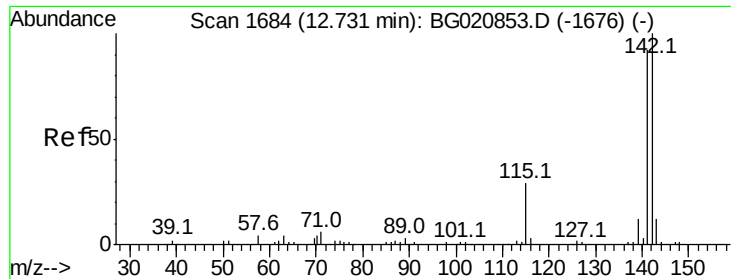
Tot Ion:113 Resp: 19246
 Ion Ratio Lower Upper
 113 100
 55 120.1 104.4 144.4
 56 86.7 65.4 105.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.97 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion:107 Resp: 79369
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.4 33.6
 142 87.0 68.6 103.0

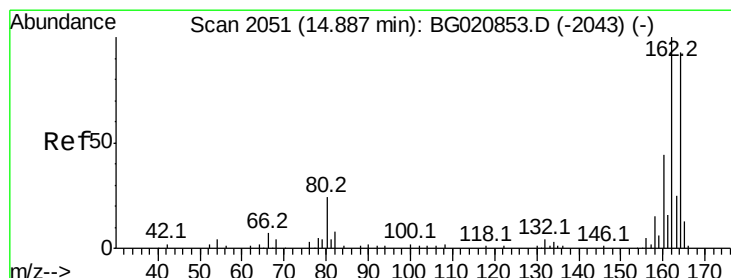
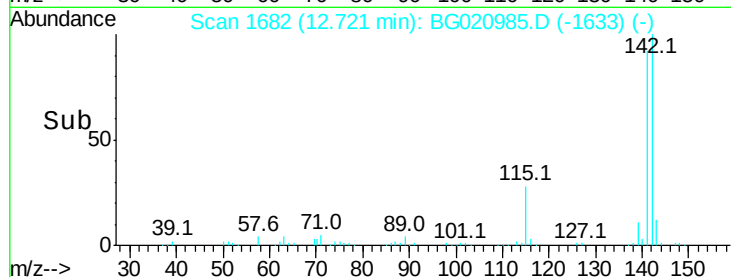
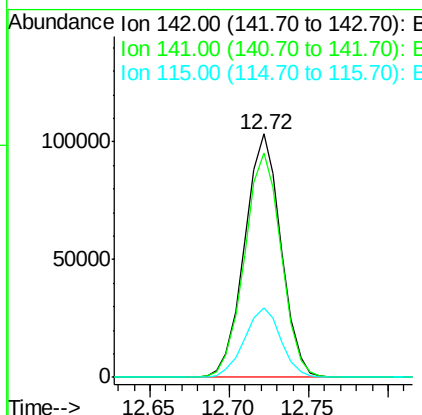
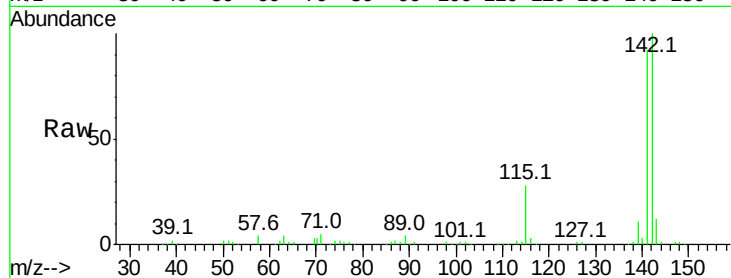




#37
 2-Methylnaphthalene
 Concen: 45.79 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

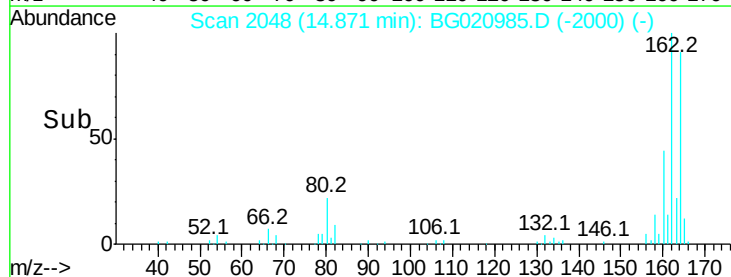
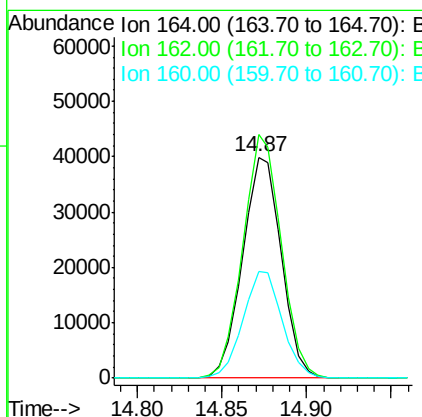
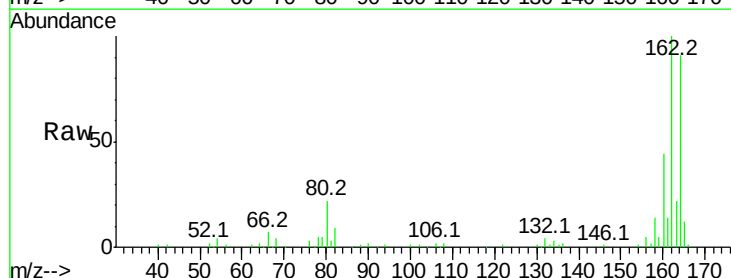
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

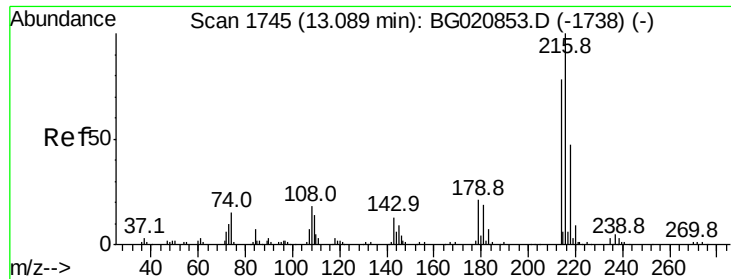
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
115	28.3	23.0	34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.3	85.7	128.5
160	48.5	37.4	56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.03 ng

RT: 13.08 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

Tot Ion:216 Resp: 68825

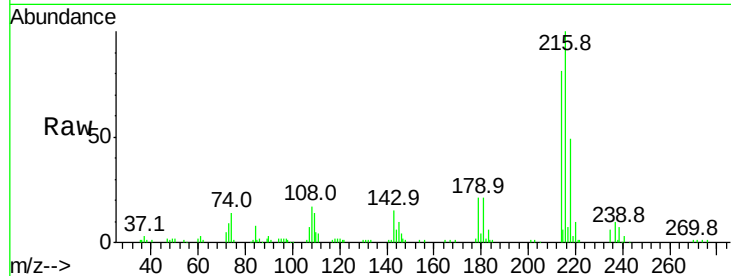
Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.9	92.9
179	20.7	16.5	24.7
108	19.7	15.1	22.7

216 100

214 79.1 61.9 92.9

179 20.7 16.5 24.7

108 19.7 15.1 22.7

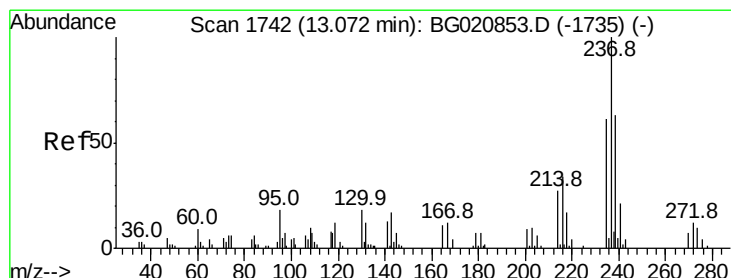
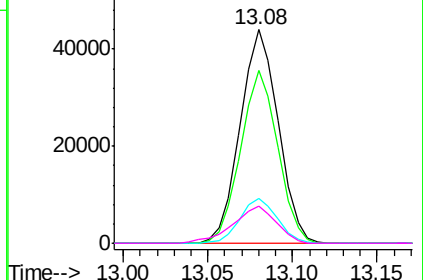
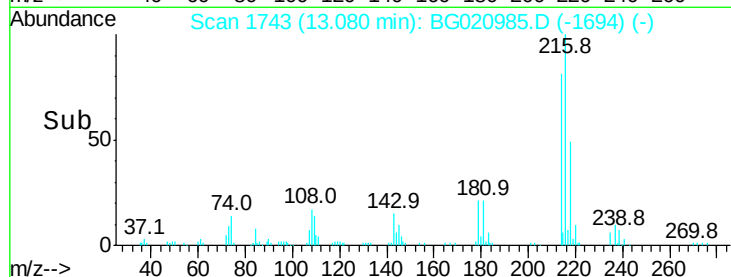


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.52 ng

RT: 13.06 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

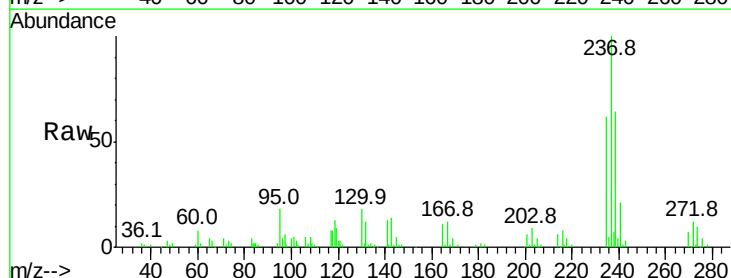
Tgt Ion:237 Resp: 63387

Ion	Ratio	Lower	Upper
237	100		
235	62.0	40.8	80.8
272	12.2	0.0	32.3

237 100

235 62.0 40.8 80.8

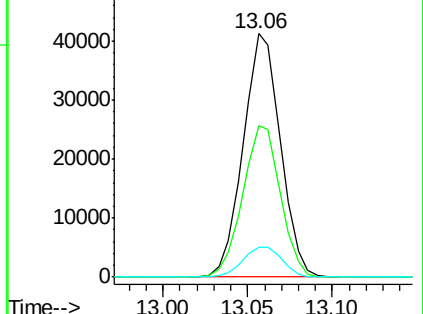
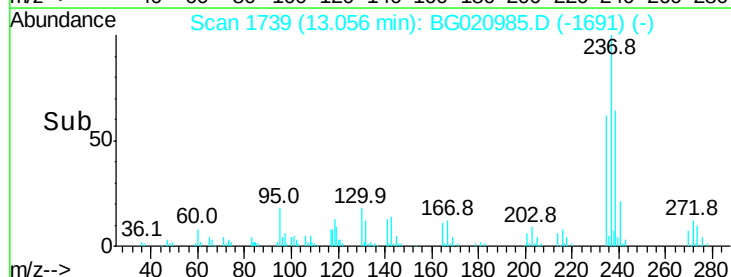
272 12.2 0.0 32.3

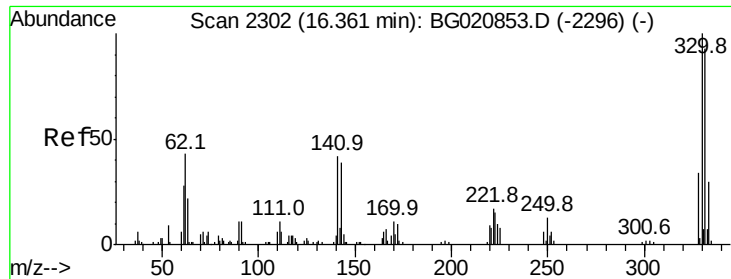


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 99.91 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

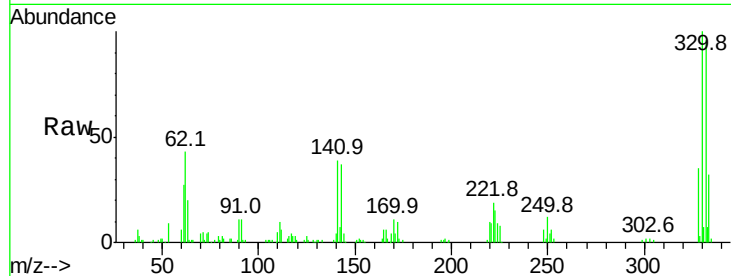
Tot Ion:330 Resp: 62249

Ion Ratio Lower Upper

330 100

332 95.3 76.1 114.1

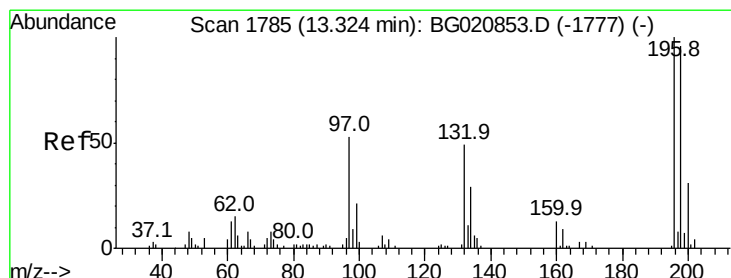
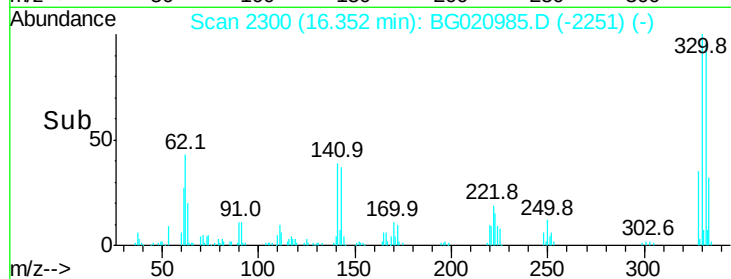
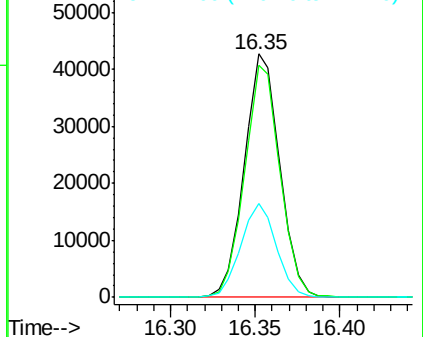
141 38.9 32.0 48.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.50 ng

RT: 13.31 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

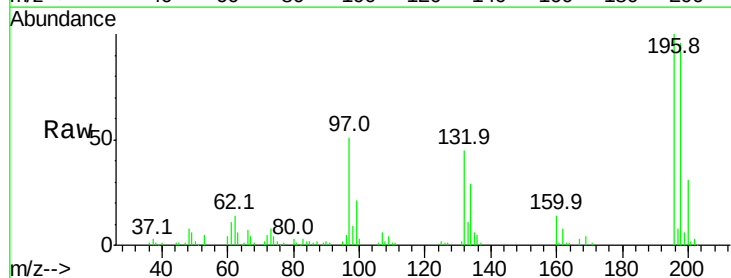
Tgt Ion:196 Resp: 56802

Ion Ratio Lower Upper

196 100

198 95.6 77.1 115.7

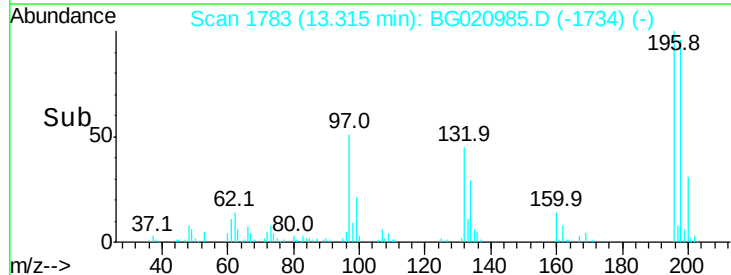
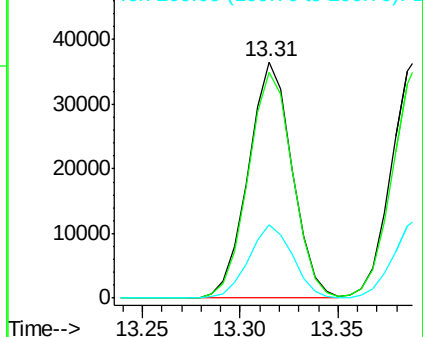
200 31.2 24.7 37.1

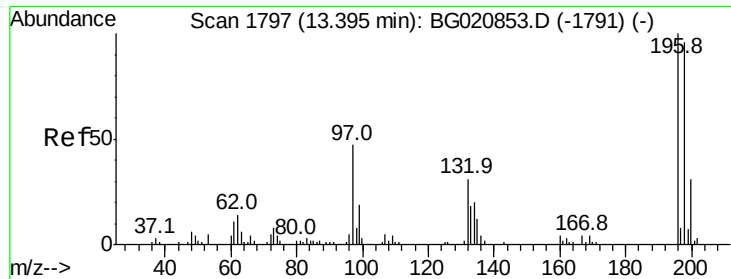


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

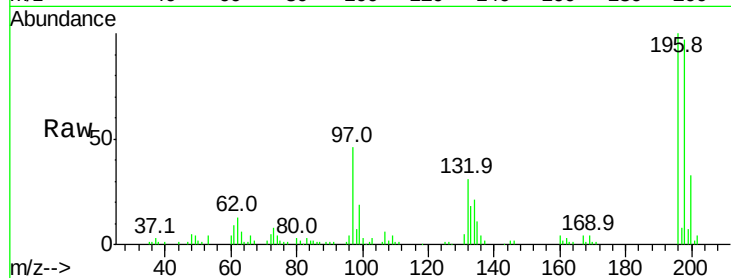




#43
 2,4,5-Trichlorophenol
 Concen: 48.06 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.4	114.6
97	45.9	37.4	56.0
132	30.8	24.7	37.1



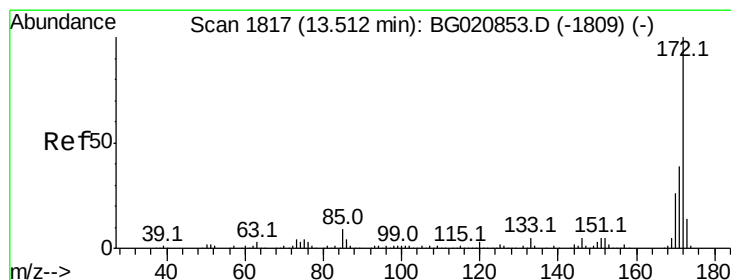
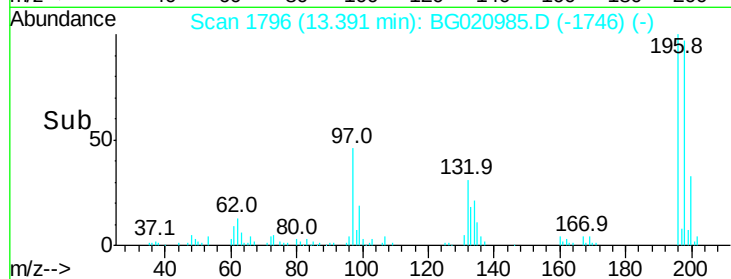
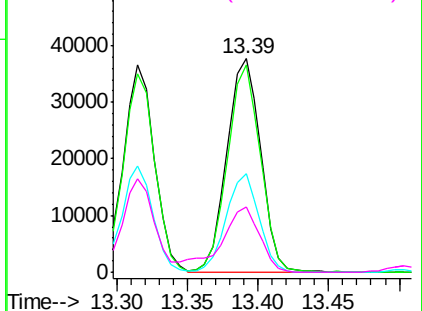
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

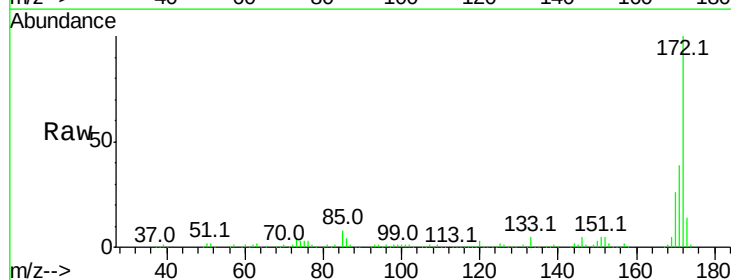
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.2	46.8
170	25.9	20.6	30.8

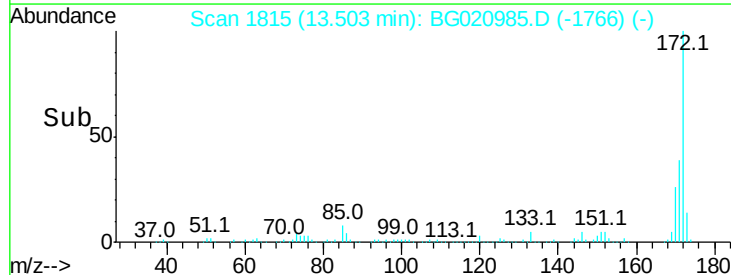
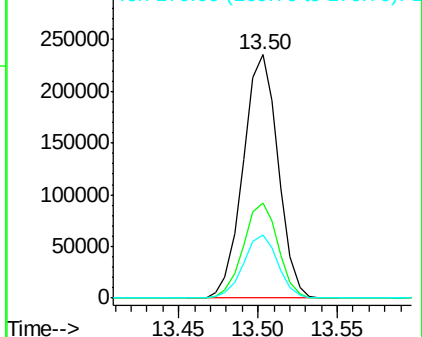


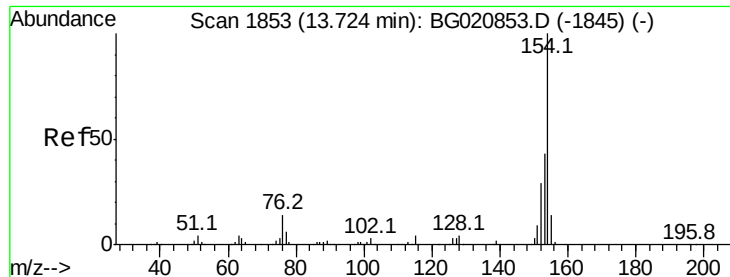
Abundance

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: 38.36 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

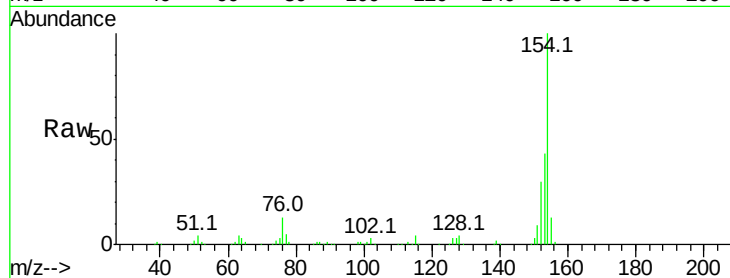
Tot Ion:154 Resp: 214389

Ion Ratio Lower Upper

154 100

153 42.5 22.5 62.5

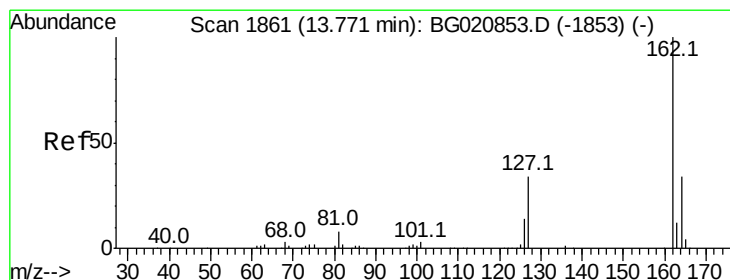
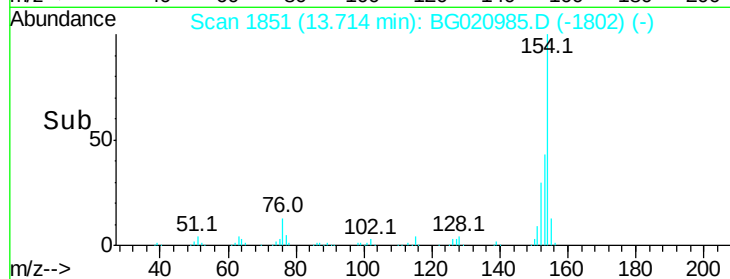
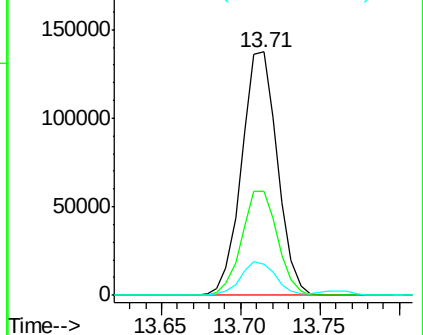
76 12.7 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 40.62 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

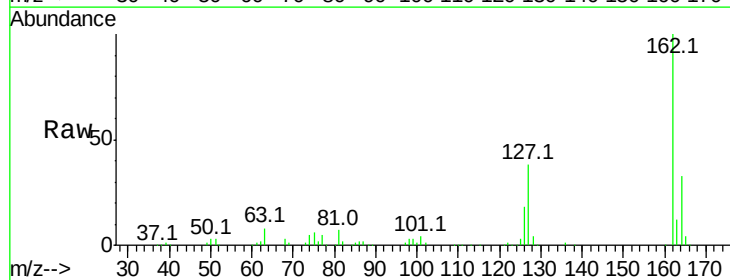
Tgt Ion:162 Resp: 162537

Ion Ratio Lower Upper

162 100

127 37.6 30.6 45.8

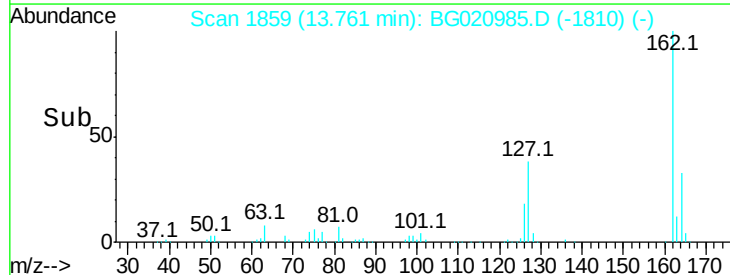
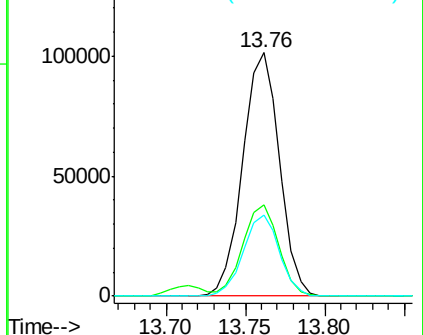
164 33.3 26.8 40.2

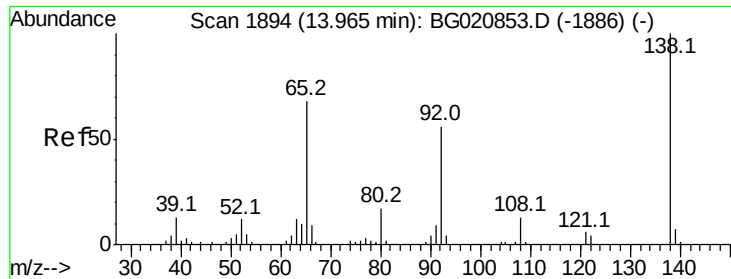


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

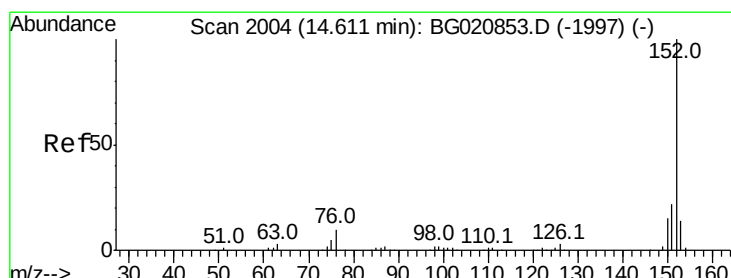
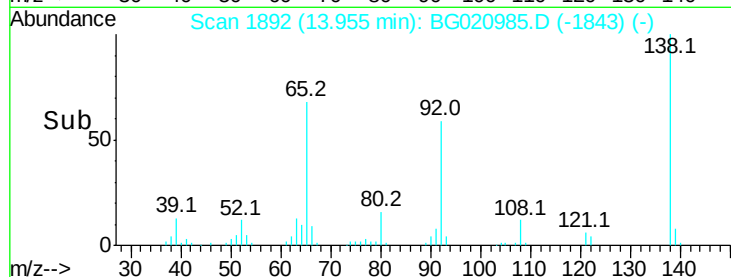
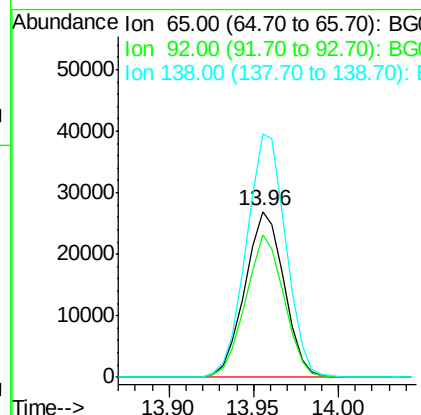
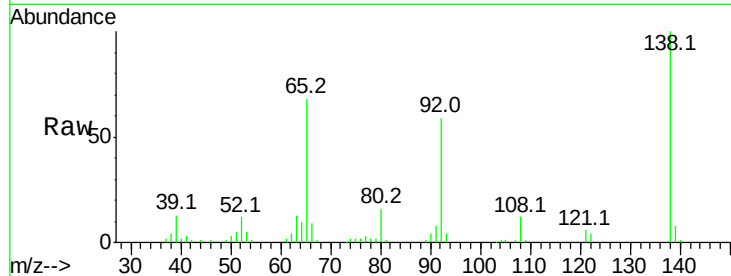




#47
2-Nitroaniline
Concen: 45.38 ng
RT: 13.96 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

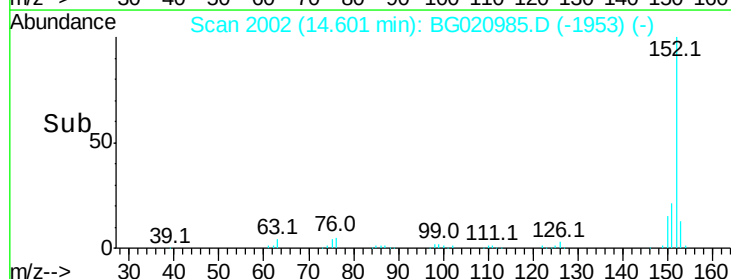
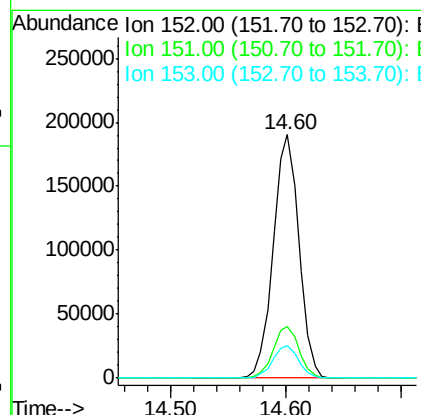
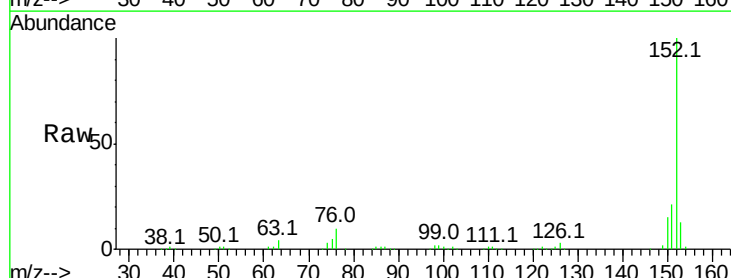
Instrument :
BNA_G
ClientSampleId :
PB88453BSD

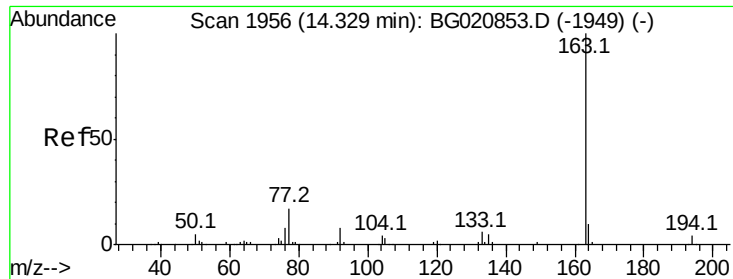
Tot Ion: 65 Resp: 43485
Ion Ratio Lower Upper
65 100
92 86.1 65.8 98.8
138 146.6 117.1 175.7



#48
Acenaphthylene
Concen: 42.47 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:152 Resp: 295513
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 13.4 10.9 16.3





#49

Dimethylphthalate

Concen: 44.33 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

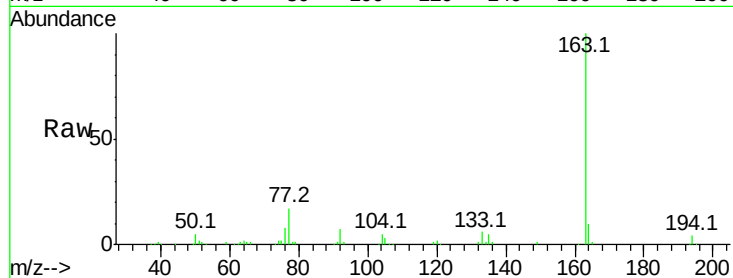
Tot Ion:163 Resp: 219635

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

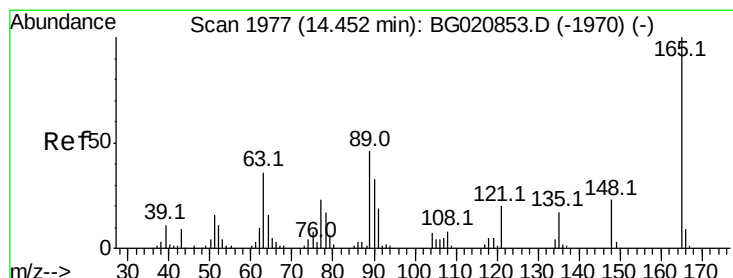
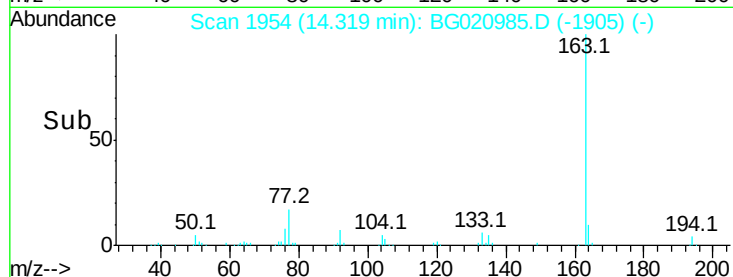
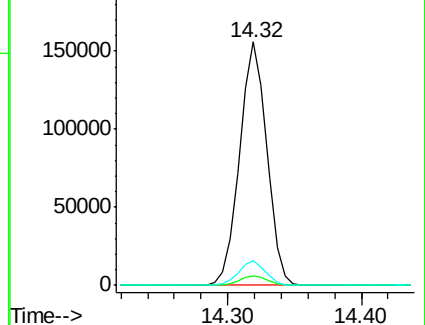
164 10.1 8.3 12.5



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: 46.47 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

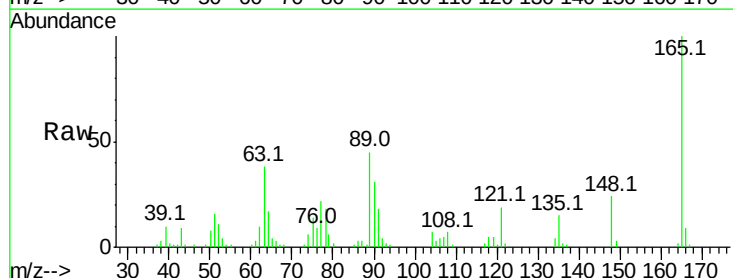
Tgt Ion:165 Resp: 49335

Ion Ratio Lower Upper

165 100

63 37.5 30.3 45.5

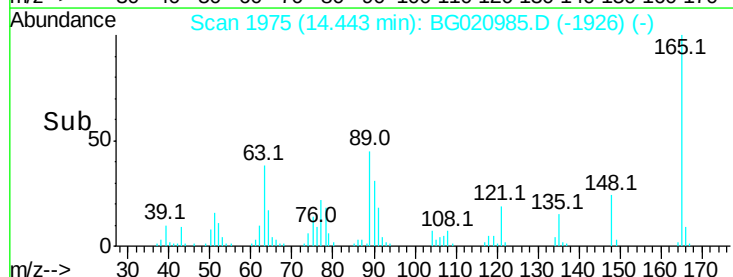
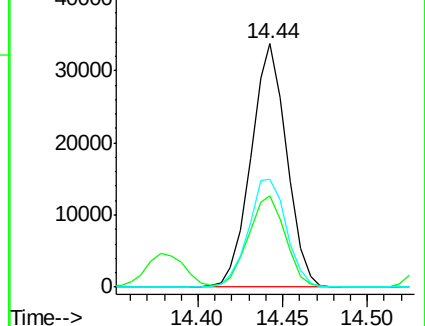
89 44.6 36.9 55.3

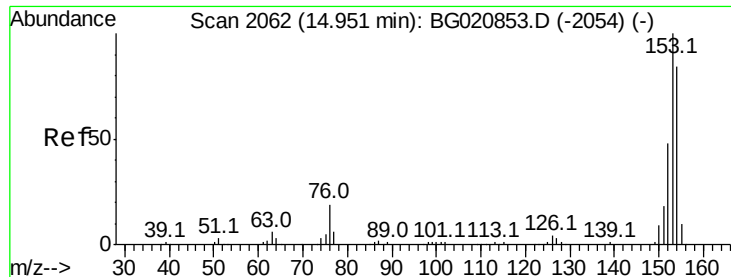


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.14 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

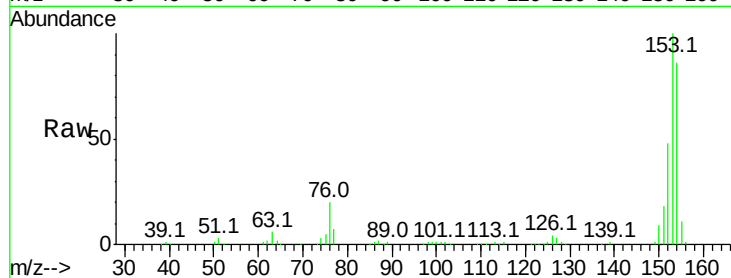
Tot Ion:154 Resp: 177767

Ion Ratio Lower Upper

154 100

153 116.7 95.4 143.0

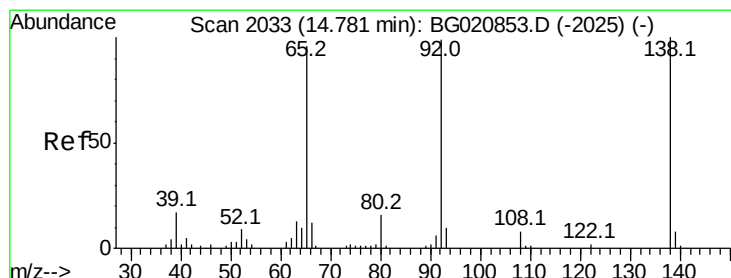
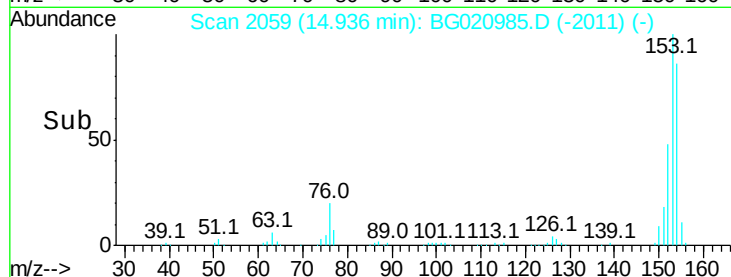
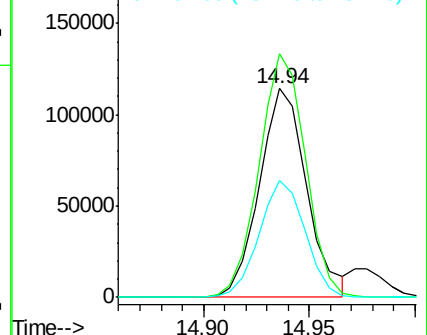
152 55.9 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.66 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

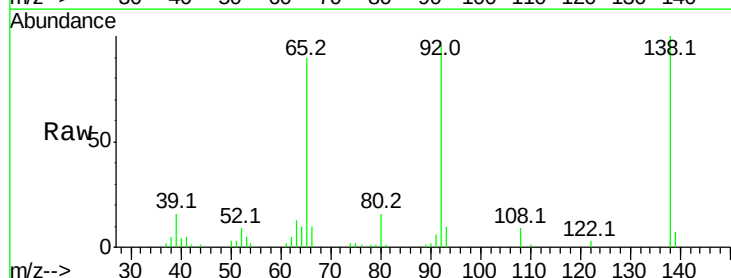
Tgt Ion:138 Resp: 24247

Ion Ratio Lower Upper

138 100

108 8.8 6.2 9.2

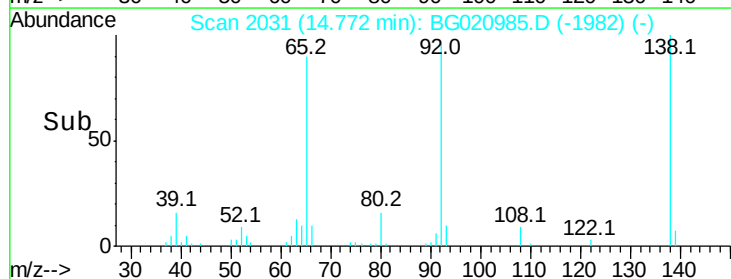
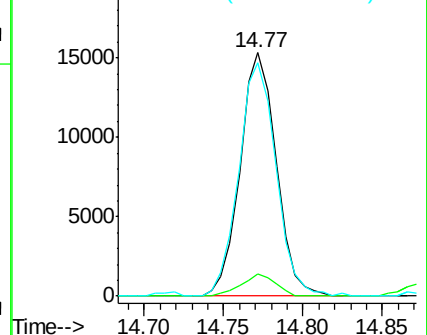
92 96.1 79.5 119.3

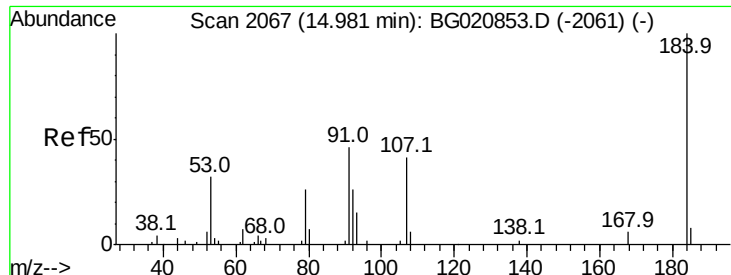


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

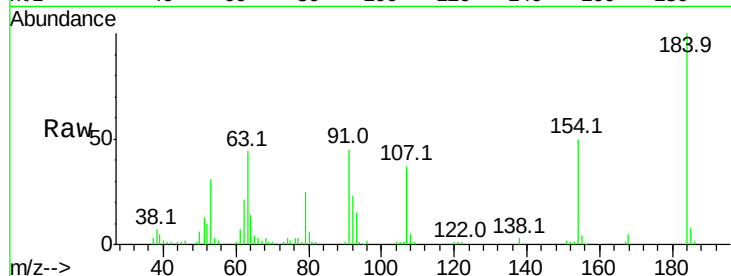




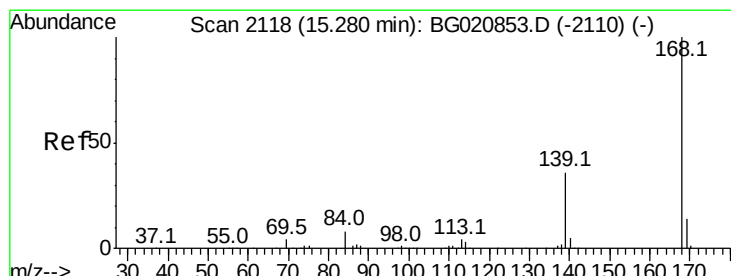
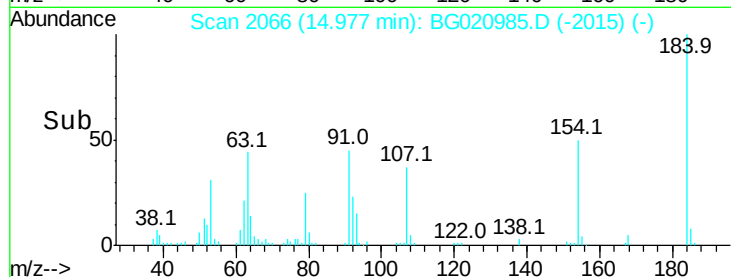
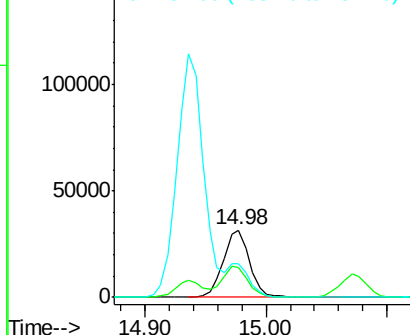
#53
 2,4-Dinitrophenol
 Concen: 102.95 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. -0.00 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Tot Ion:184 Resp: 47562
 Ion Ratio Lower Upper
 184 100
 63 43.7 39.8 59.6
 154 49.8 48.1 72.1

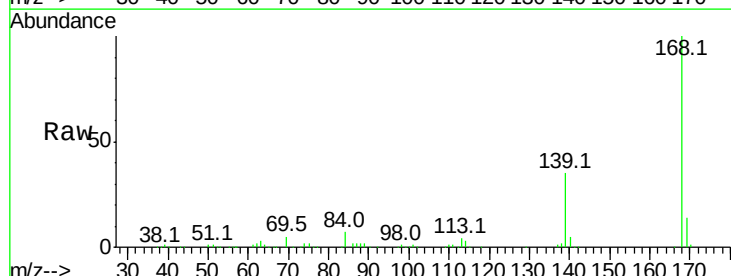


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

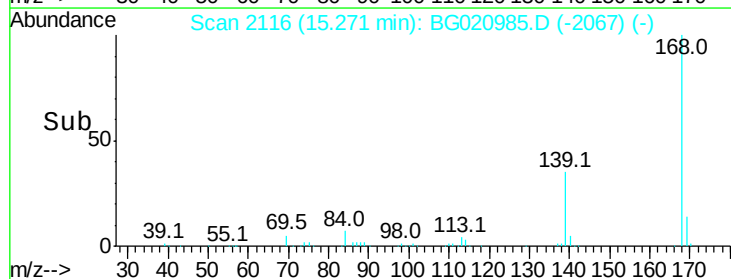
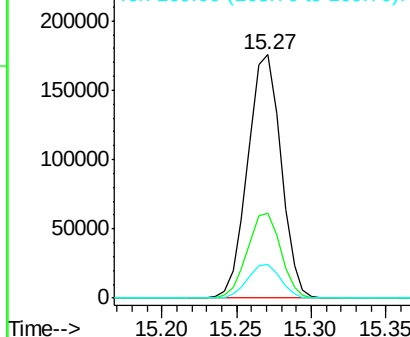


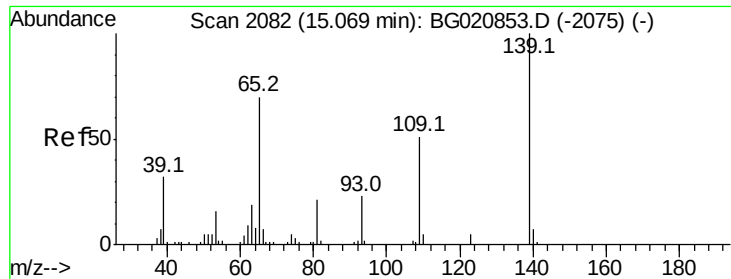
#54
 Dibenzofuran
 Concen: 48.34 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion:168 Resp: 269739
 Ion Ratio Lower Upper
 168 100
 139 35.0 28.5 42.7
 169 13.9 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 100.15 ng

RT: 15.07 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

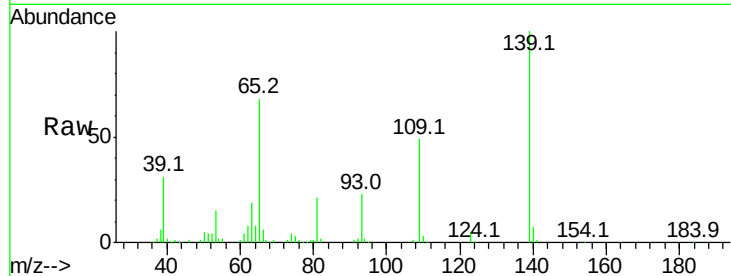
Tot Ion:139 Resp: 93298

Ion Ratio Lower Upper

139 100

109 48.9 31.0 71.0

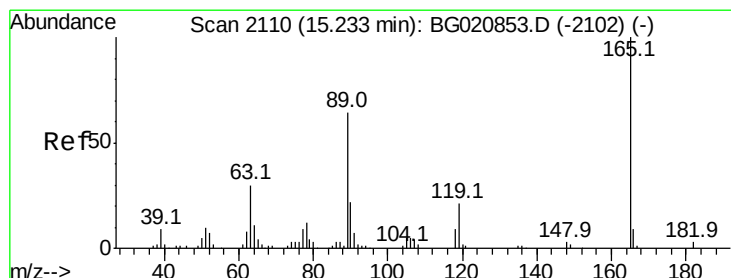
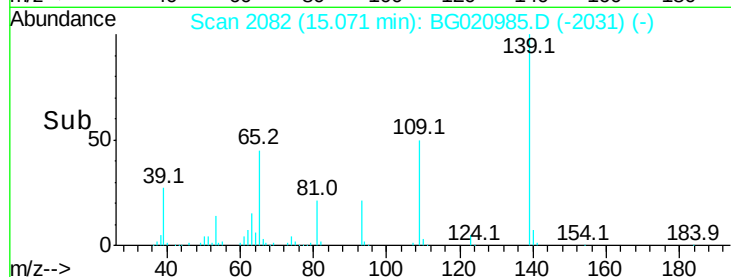
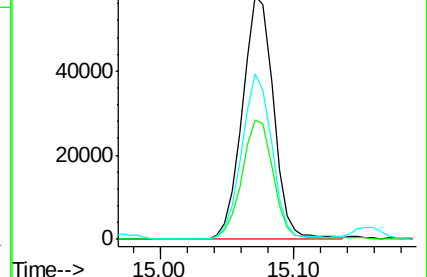
65 68.2 49.6 89.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.60 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Tgt Ion:165 Resp: 69443

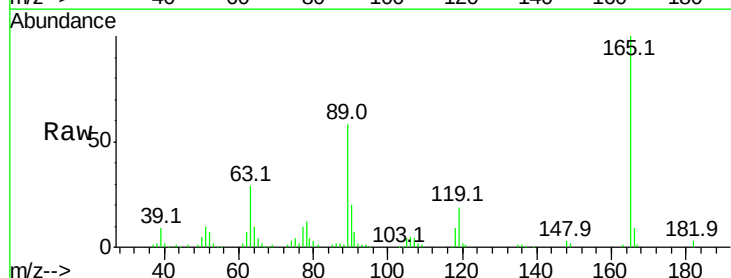
Ion Ratio Lower Upper

165 100

63 29.0 23.7 35.5

89 58.2 50.9 76.3

182 2.5 2.2 3.2

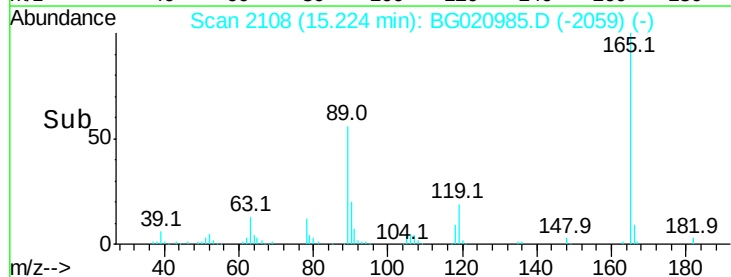
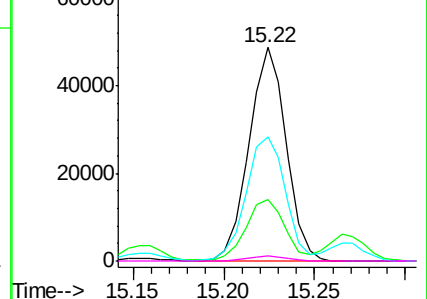


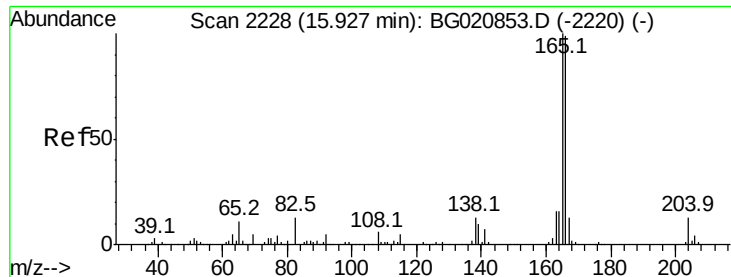
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.50 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

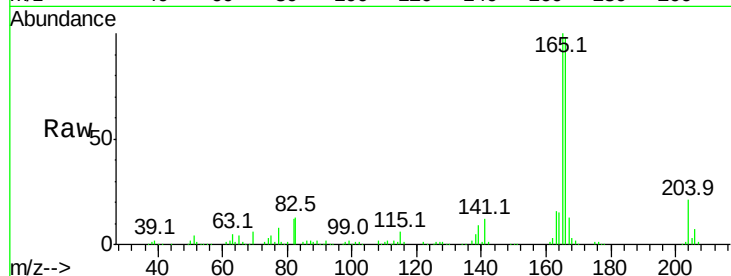
Tot Ion:166 Resp: 233822

Ion Ratio Lower Upper

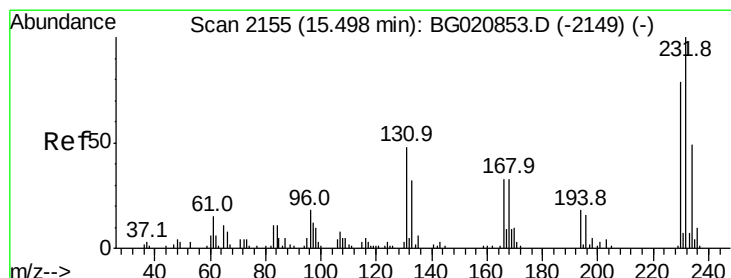
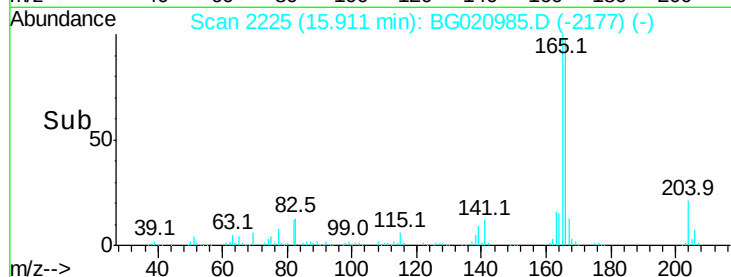
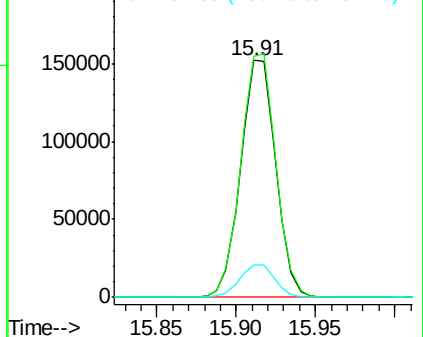
166 100

165 101.8 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: 54.32 ng

RT: 15.49 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Tgt Ion:232 Resp: 54331

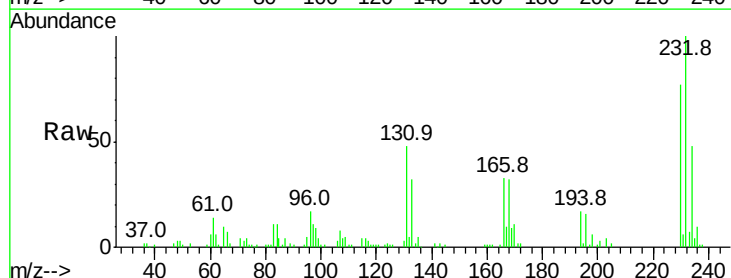
Ion Ratio Lower Upper

232 100

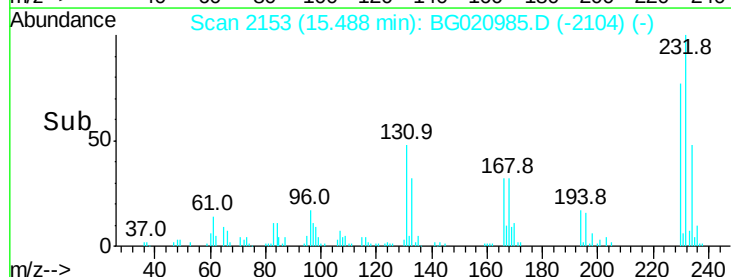
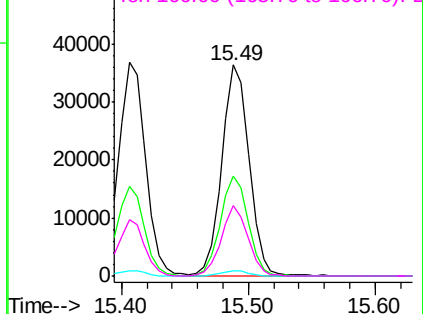
131 47.7 39.2 58.8

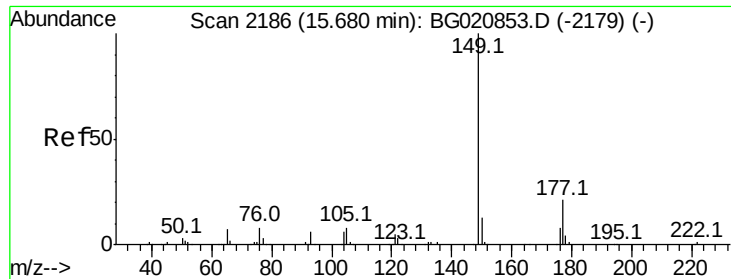
130 2.5 2.0 3.0

166 32.2 25.8 38.8



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

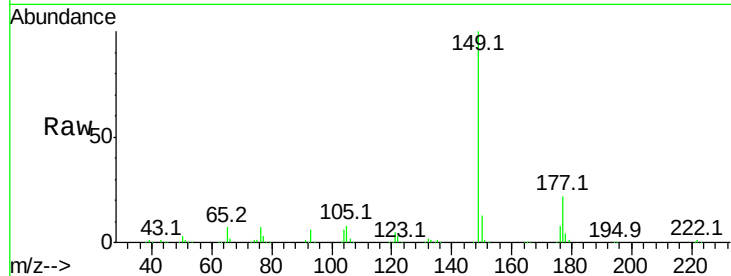




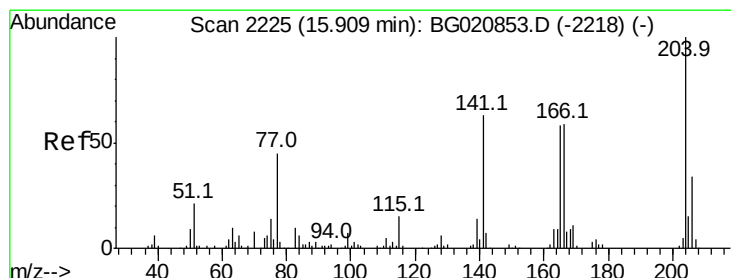
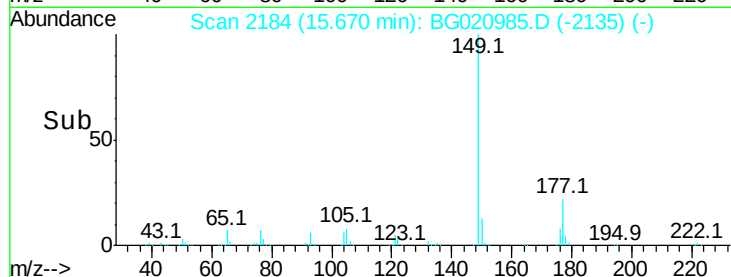
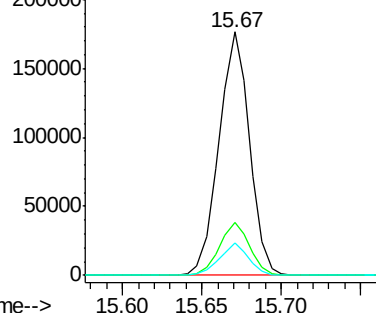
#59
Diethylphthalate
Concen: 46.40 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:149 Resp: 236322
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 13.1 10.1 15.1

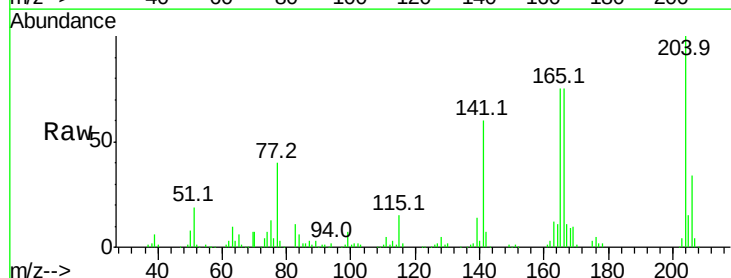


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

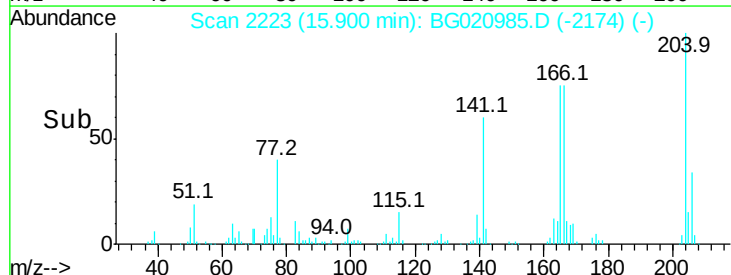
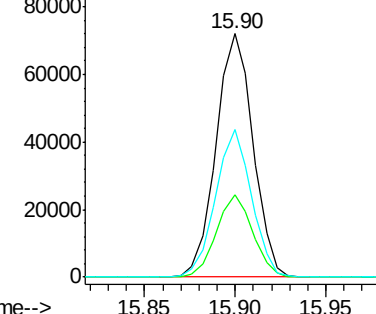


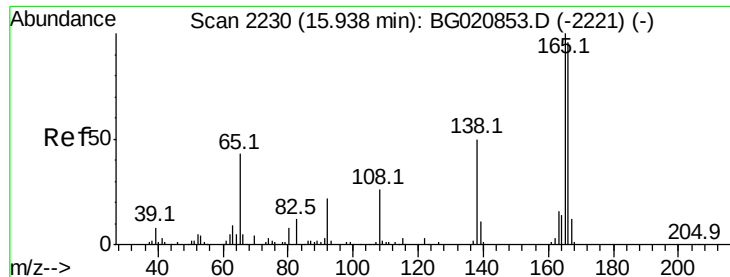
#60
4-Chlorophenyl-phenylether
Concen: 44.62 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:204 Resp: 101831
Ion Ratio Lower Upper
204 100
206 33.8 26.9 40.3
141 60.4 50.3 75.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

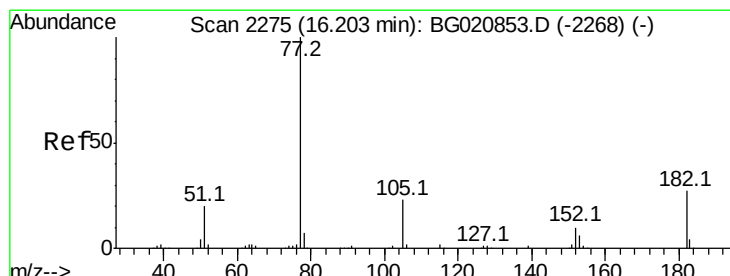
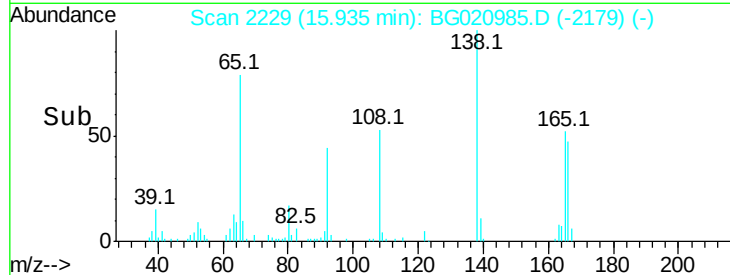
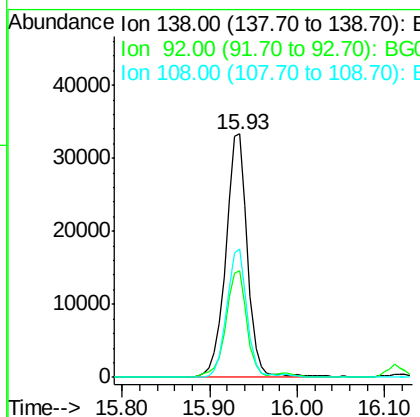
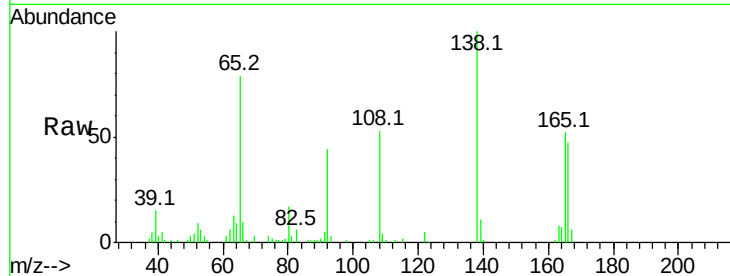




#61
 4-Nitroaniline
 Concen: 45.94 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

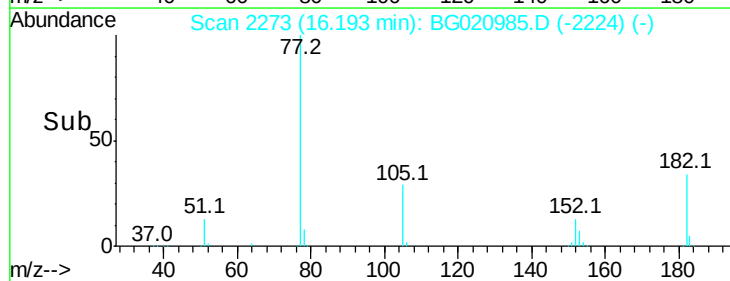
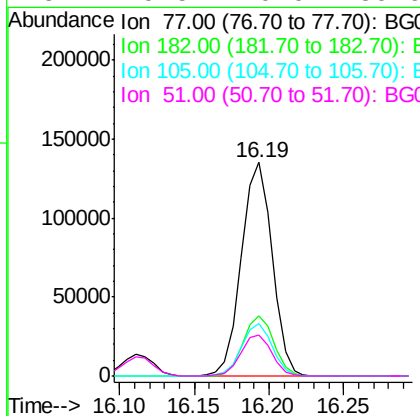
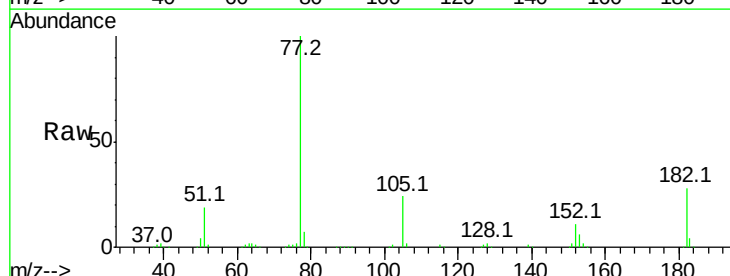
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

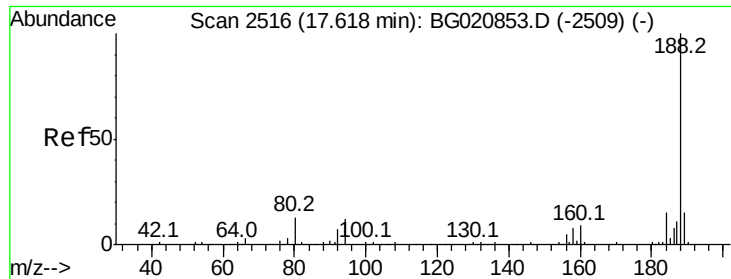
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.6	24.1	64.1
108	52.9	32.4	72.4



#62
 Azobenzene
 Concen: 48.23 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.8	46.8
105	24.5	3.4	43.4
51	19.5	0.0	39.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

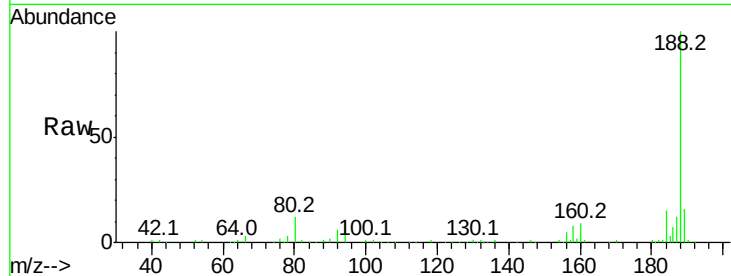
Tot Ion:188 Resp: 138466

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.0

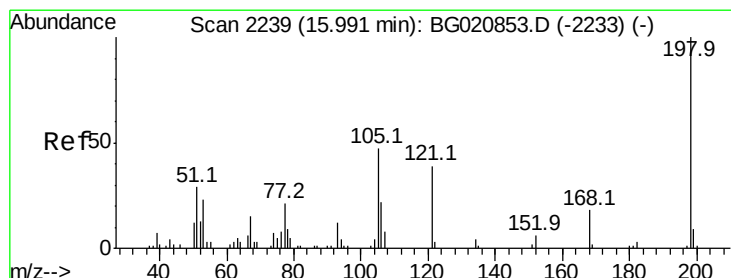
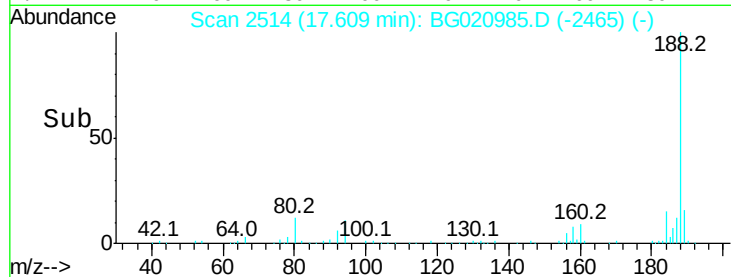
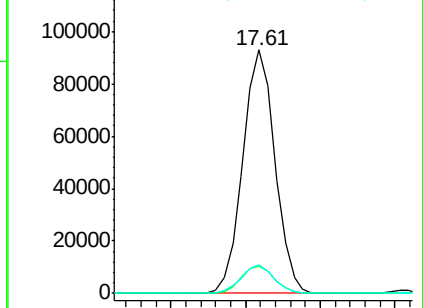
80 11.7 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 44.88 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

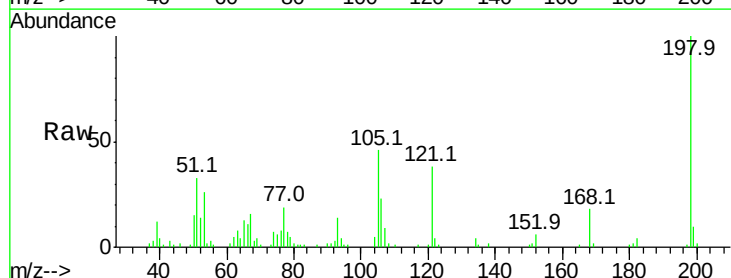
Tgt Ion:198 Resp: 31292

Ion Ratio Lower Upper

198 100

51 32.5 10.6 50.6

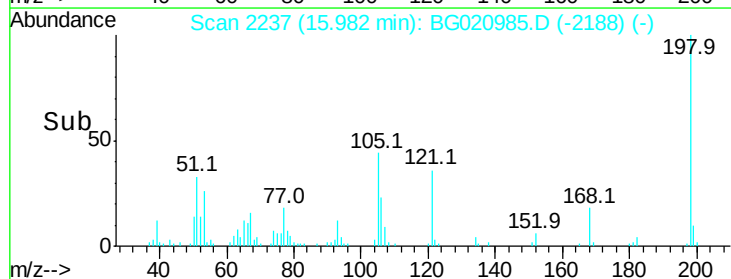
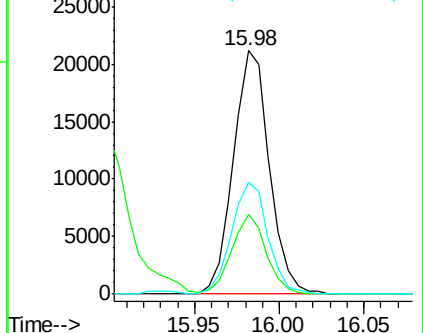
105 46.1 27.0 67.0

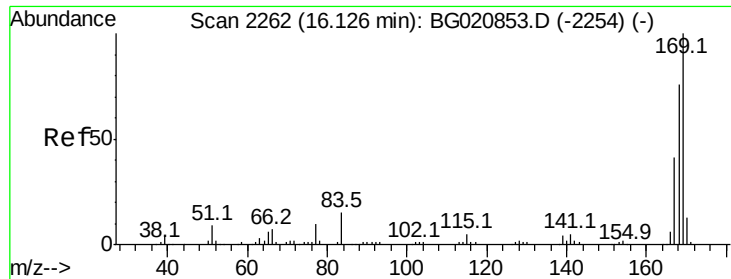


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

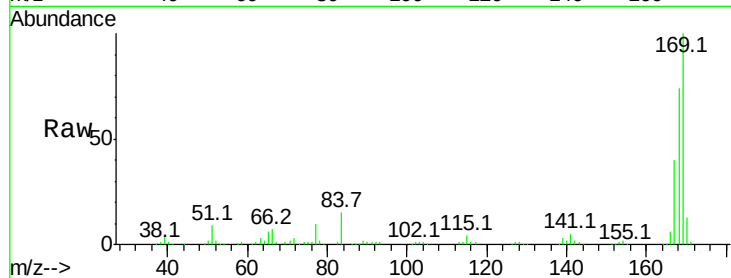




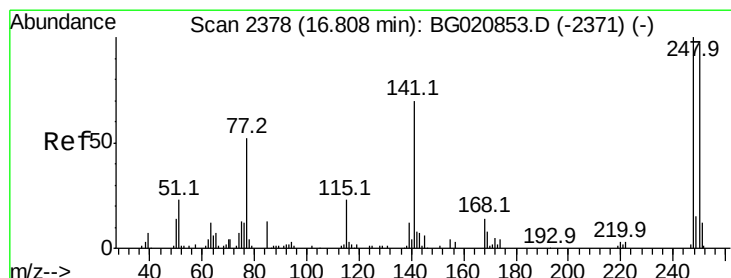
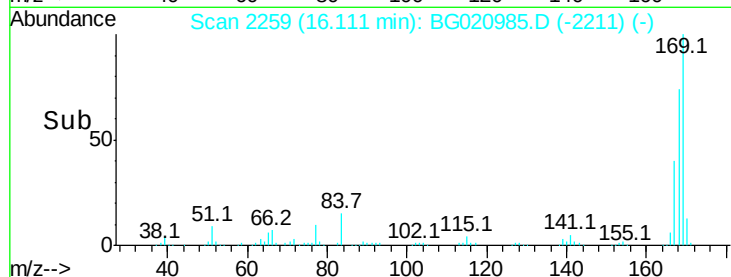
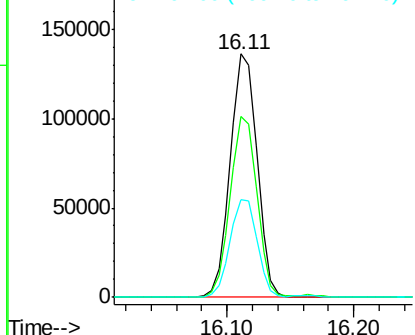
#65
 n-Nitrosodiphenylamine
 Concen: 44.40 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Tot Ion:169 Resp: 198628
 Ion Ratio Lower Upper
 169 100
 168 74.2 60.7 91.1
 167 39.9 32.8 49.2

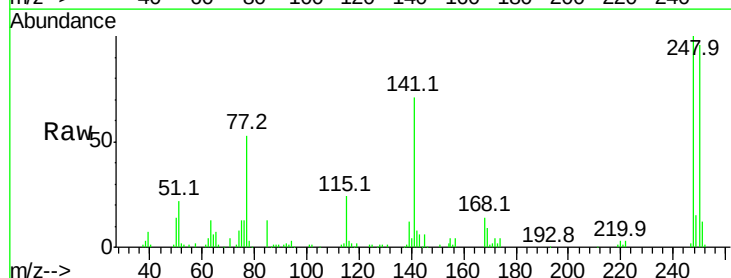


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

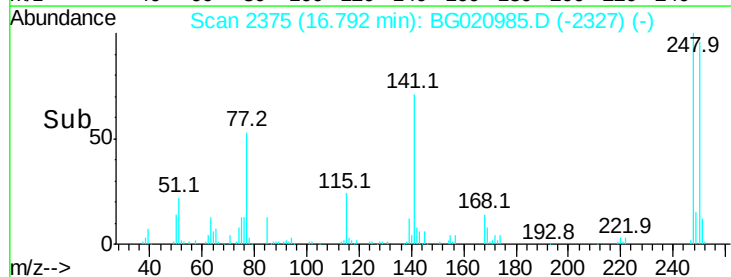
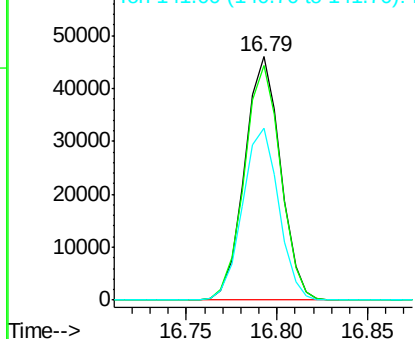


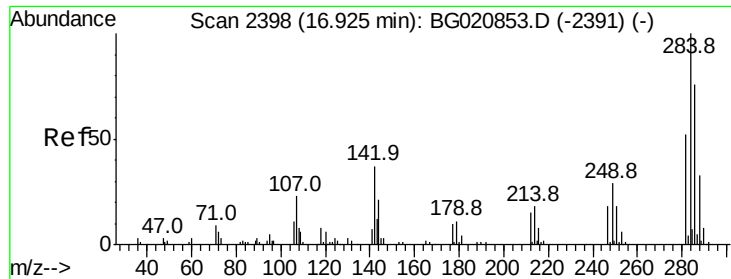
#66
 4-Bromophenyl-phenylether
 Concen: 43.19 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion:248 Resp: 63165
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.4 116.2
 141 70.8 55.7 83.5



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





#67

Hexachlorobenzene

Concen: 44.31 ng

RT: 16.92 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

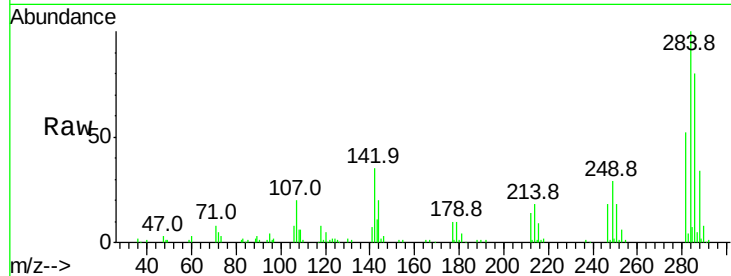
Tot Ion:284 Resp: 68961

Ion Ratio Lower Upper

284 100

142 35.0 29.9 44.9

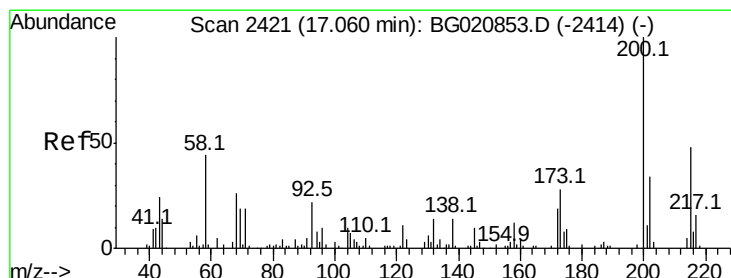
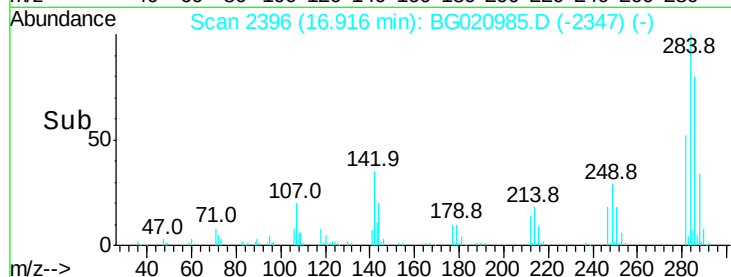
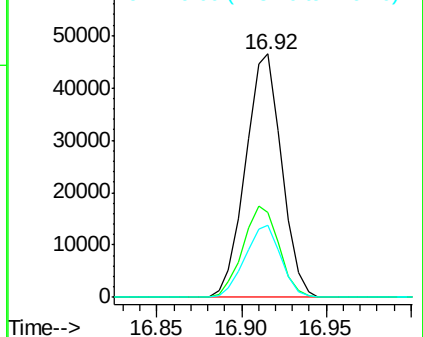
249 29.5 23.3 34.9



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: 44.92 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

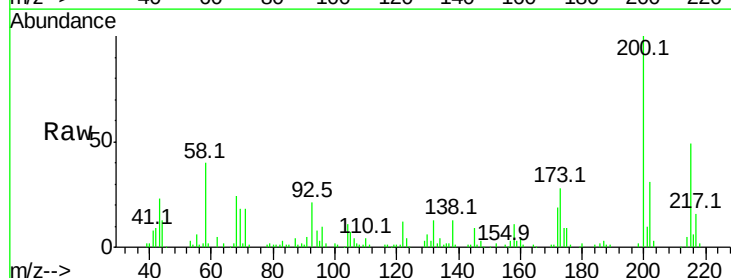
Tgt Ion:200 Resp: 60980

Ion Ratio Lower Upper

200 100

173 28.0 8.4 48.4

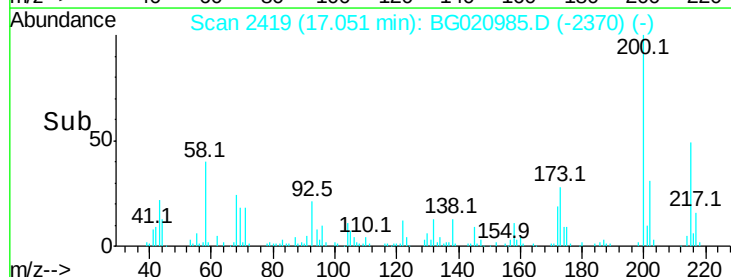
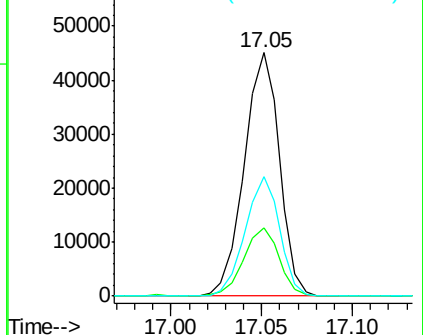
215 48.8 28.2 68.2

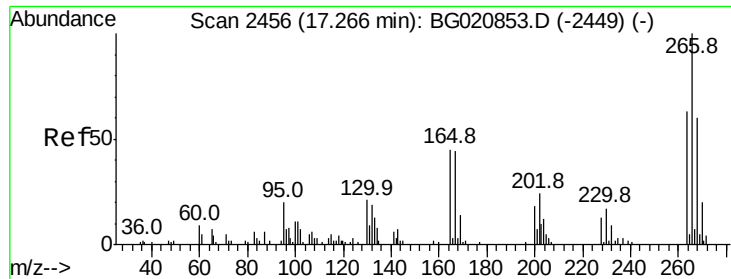


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

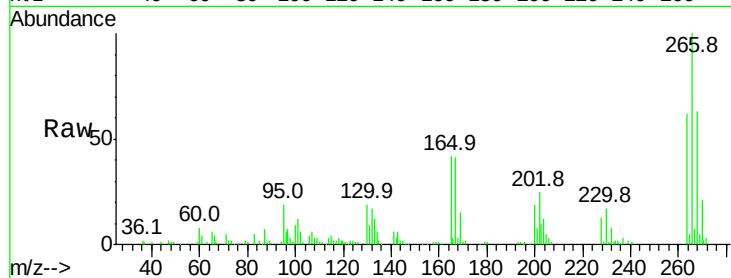




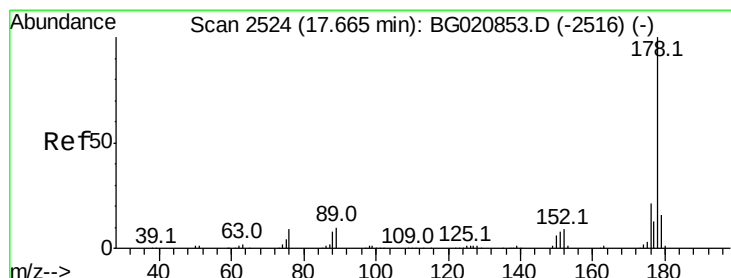
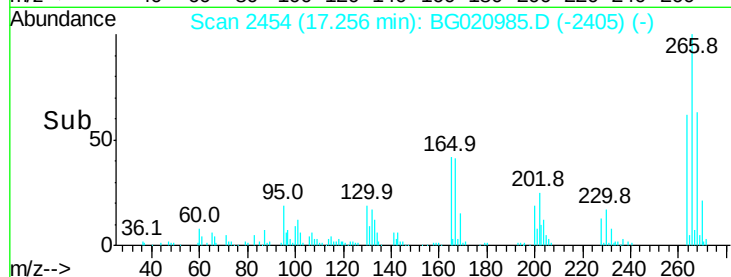
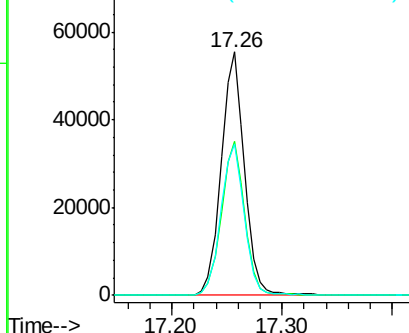
#69
 Pentachlorophenol
 Concen: 91.07 ng
 RT: 17.26 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	47.8	71.6
264	62.1	50.2	75.4

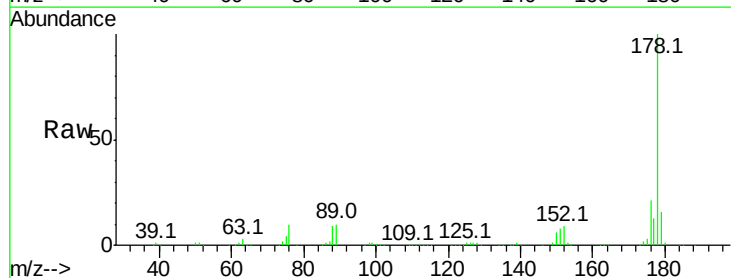


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

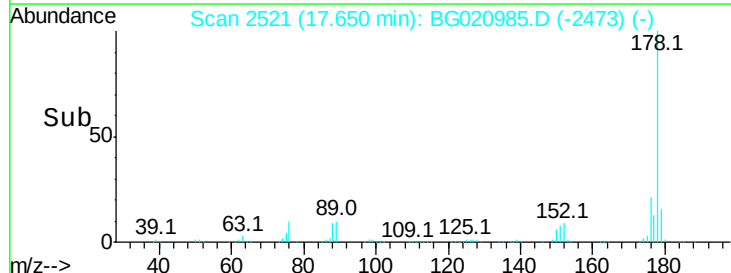
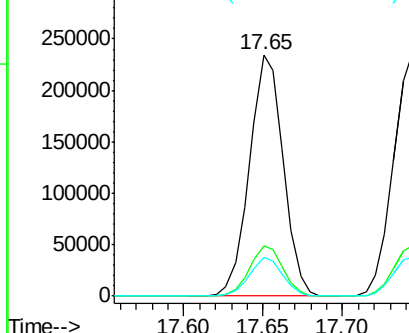


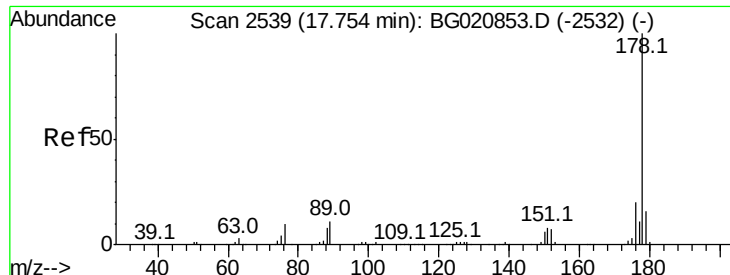
#70
 Phenanthrene
 Concen: 44.12 ng
 RT: 17.65 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.8	25.2
179	16.2	12.6	19.0



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

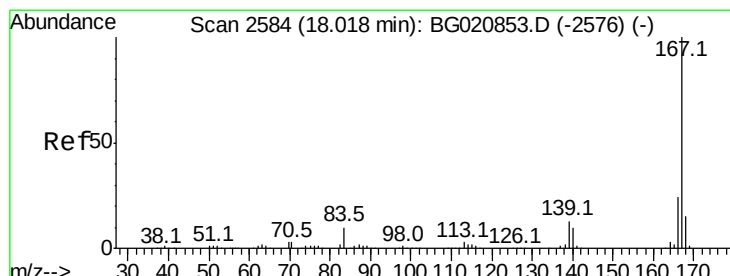
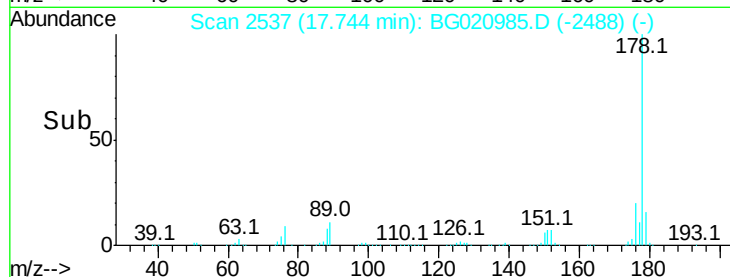
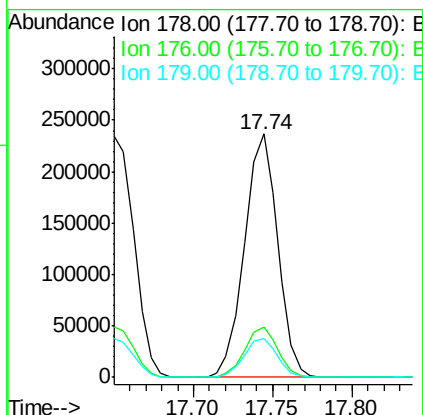
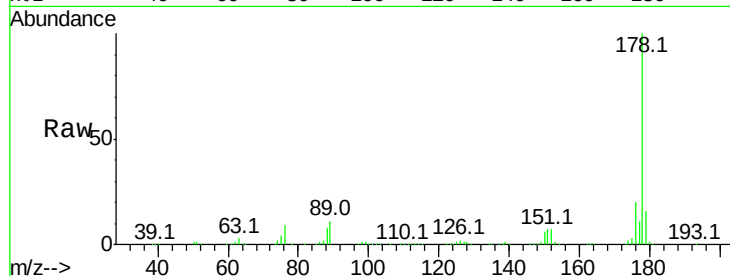




#71
 Anthracene
 Concen: 43.00 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

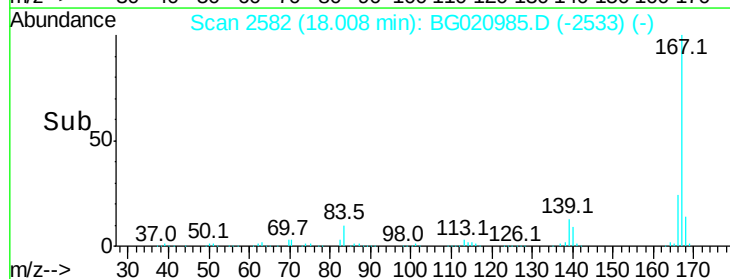
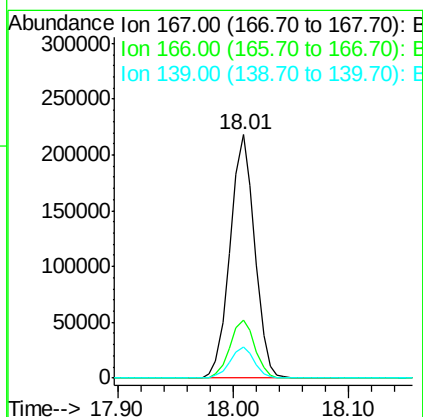
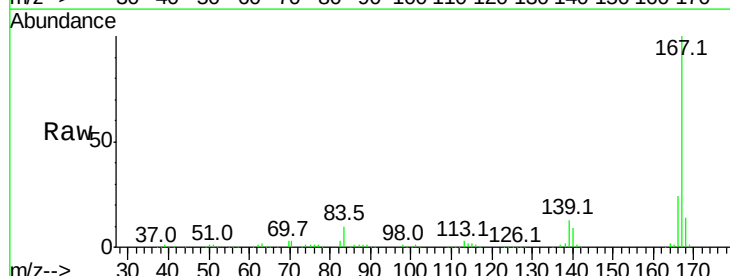
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

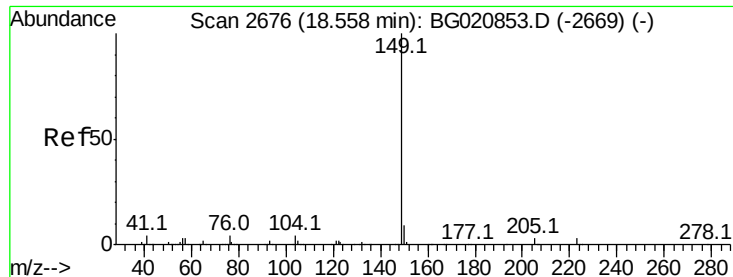
Tot Ion:178 Resp: 344032
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 44.81 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion:167 Resp: 321779
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.3 28.9
 139 12.8 10.2 15.4





#73

Di-n-butylphthalate

Concen: 42.80 ng

RT: 18.54 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

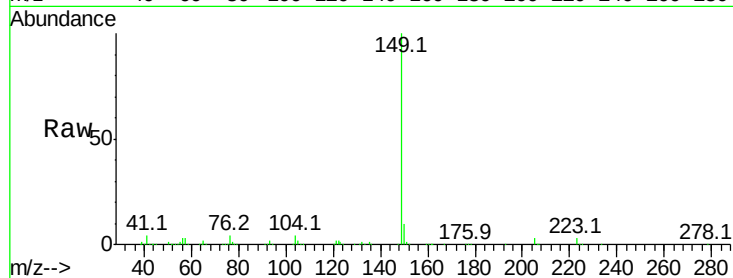
Tot Ion:149 Resp: 394075

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

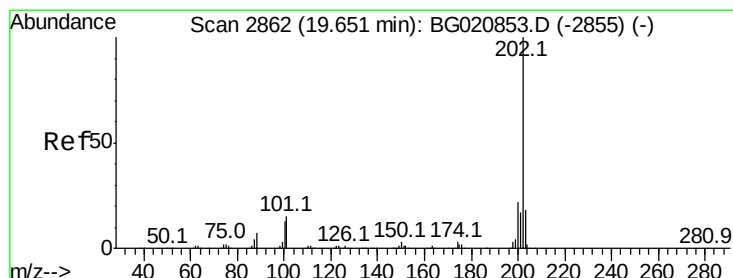
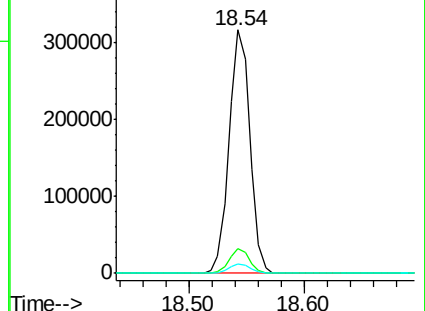
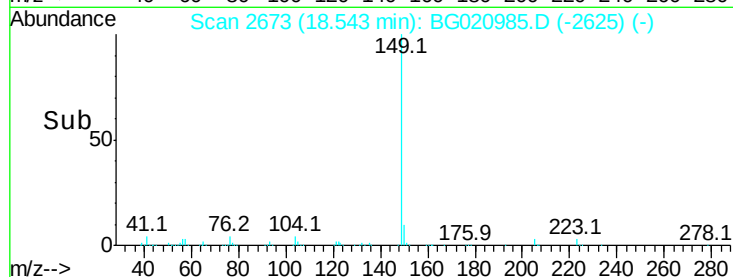
104 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.95 ng

RT: 19.64 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

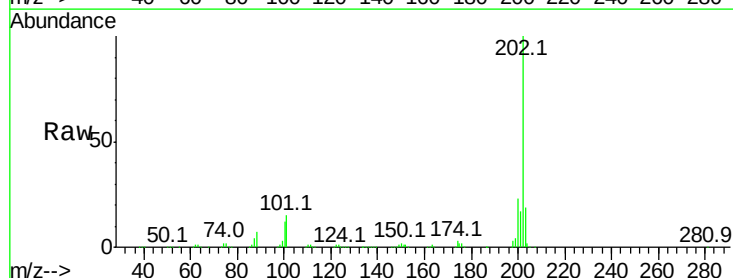
Tgt Ion:202 Resp: 365729

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.3

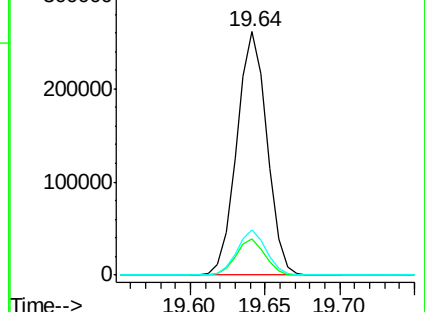
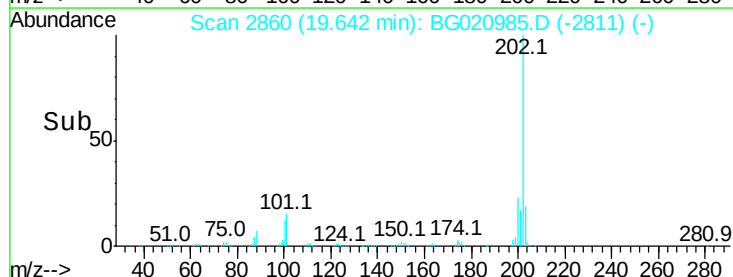
203 18.7 0.0 37.8

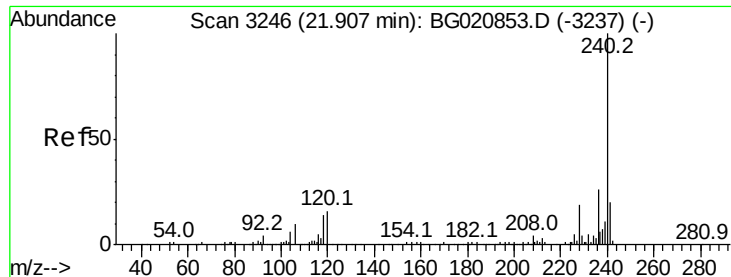


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

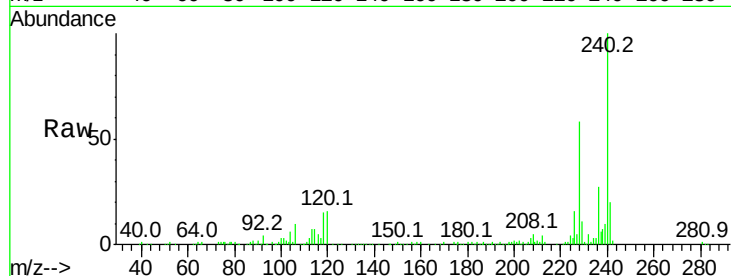
Tot Ion:240 Resp: 129167

Ion Ratio Lower Upper

240 100

120 16.2 13.0 19.4

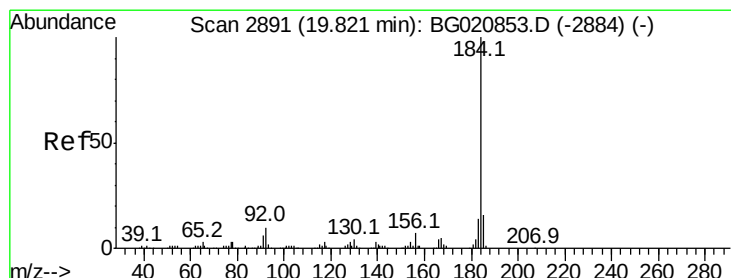
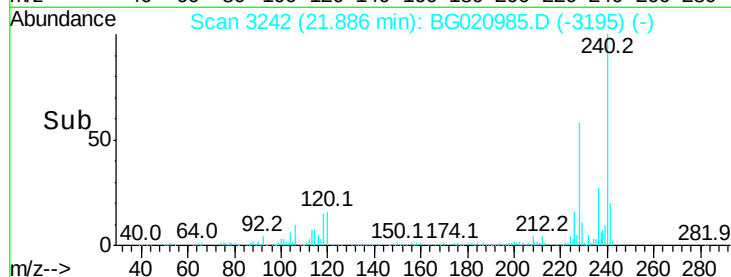
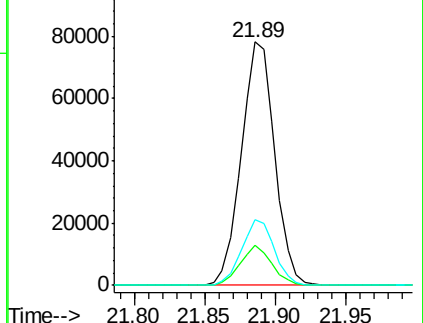
236 26.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.14 ng

RT: 19.81 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

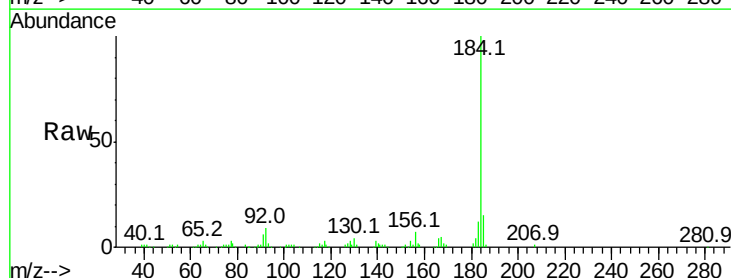
Tgt Ion:184 Resp: 96652

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

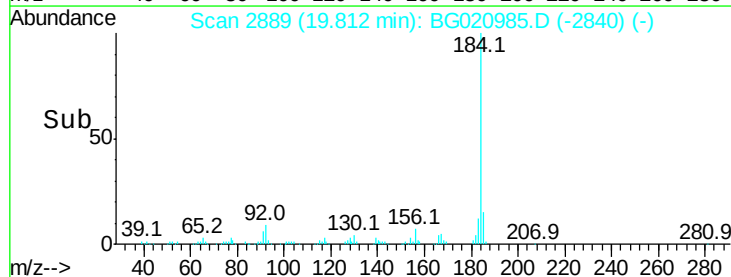
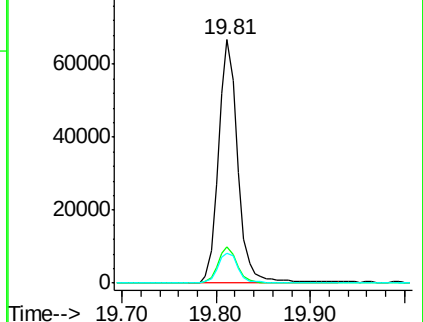
183 12.4 11.0 16.4

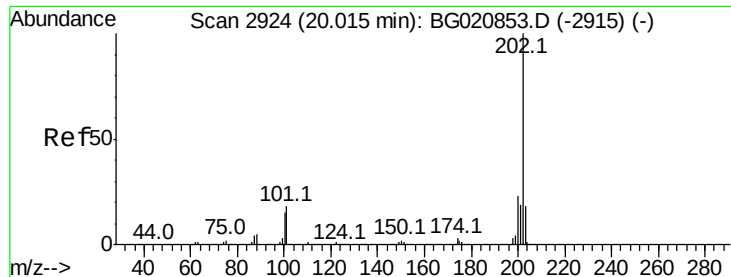


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

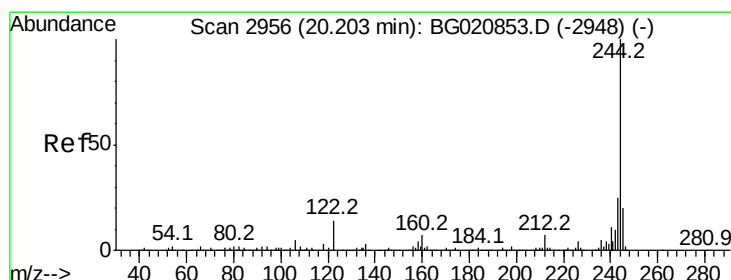
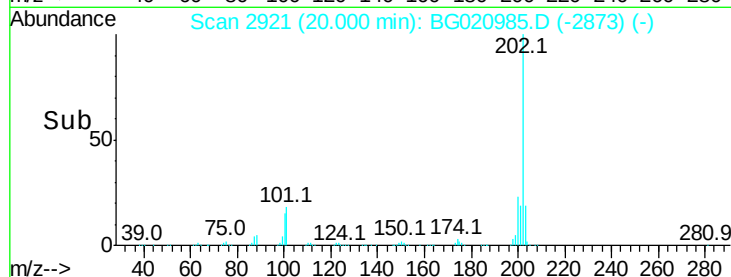
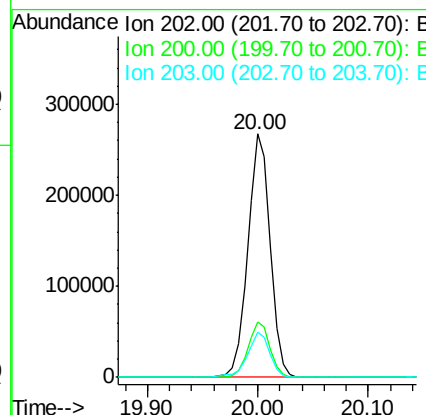
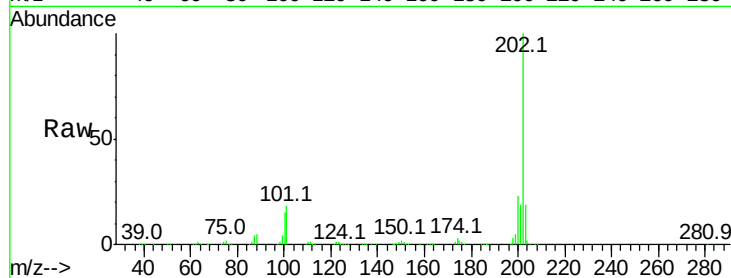




#77
Pvrene
Concen: 44.37 ng
RT: 20.00 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

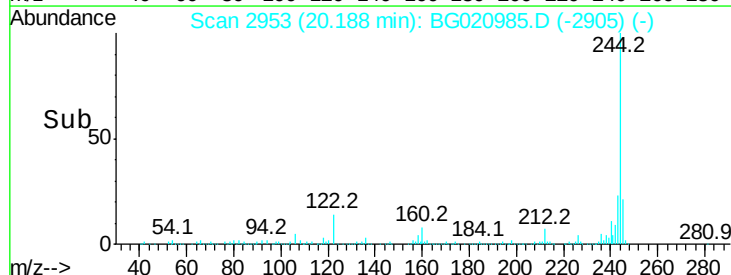
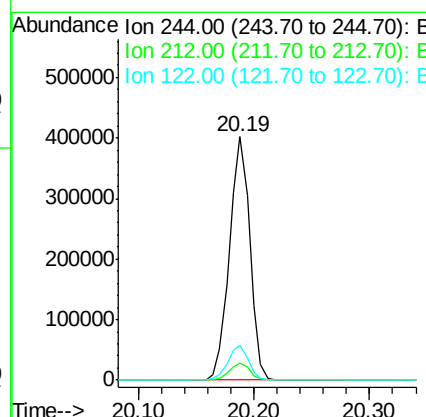
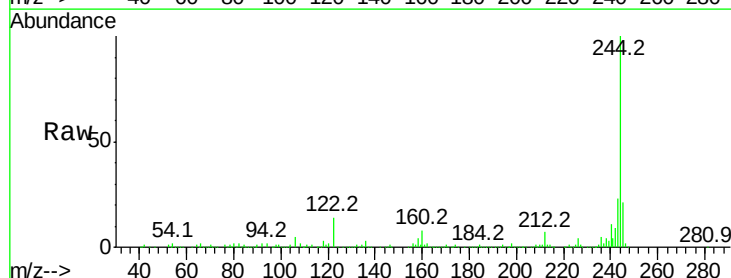
Instrument :
BNA_G
ClientSampleId :
PB88453BSD

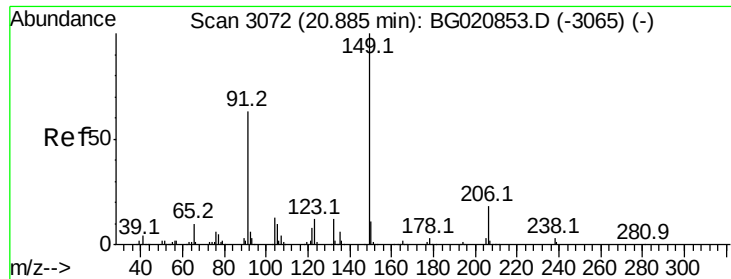
Tot Ion:202 Resp: 378074
Ion Ratio Lower Upper
202 100
200 23.0 18.5 27.7
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 88.71 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

Tgt Ion:244 Resp: 491162
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 14.5 11.4 17.2

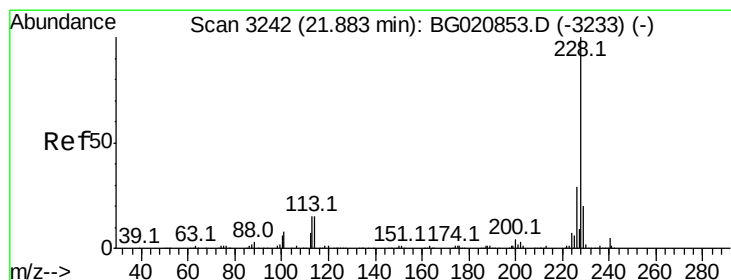
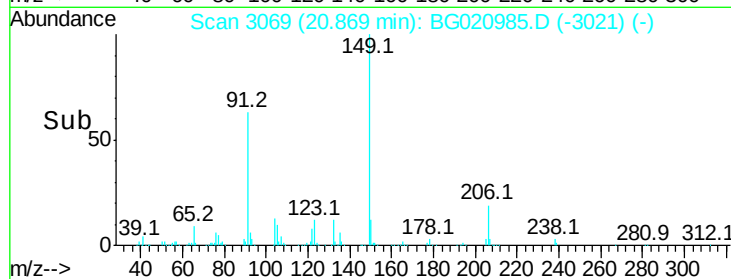
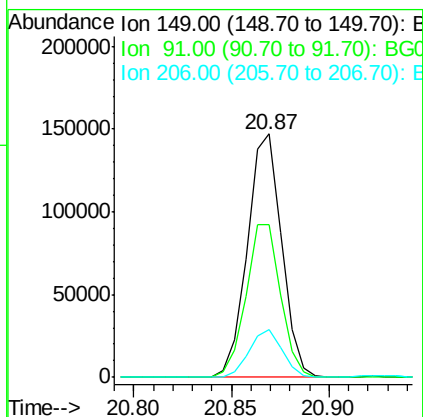
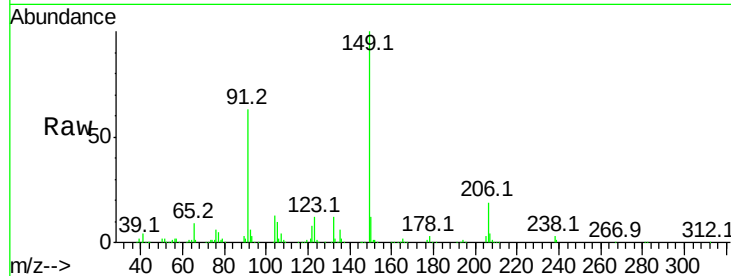




#79
Butylbenzylphthalate
Concen: 43.89 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

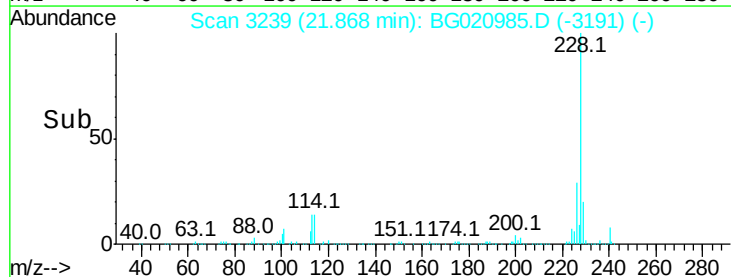
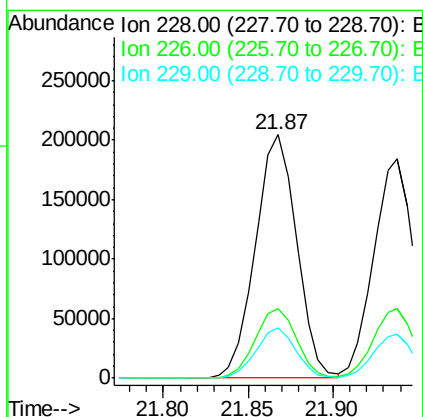
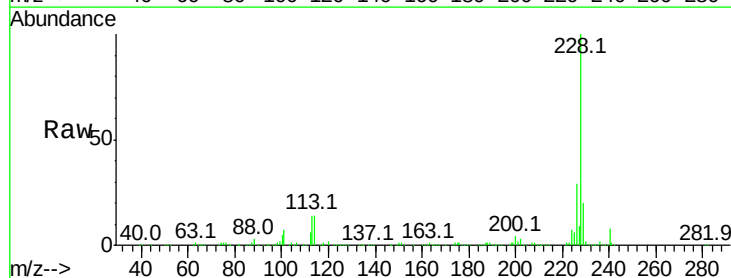
Instrument :
BNA_G
ClientSampleId :
PB88453BSD

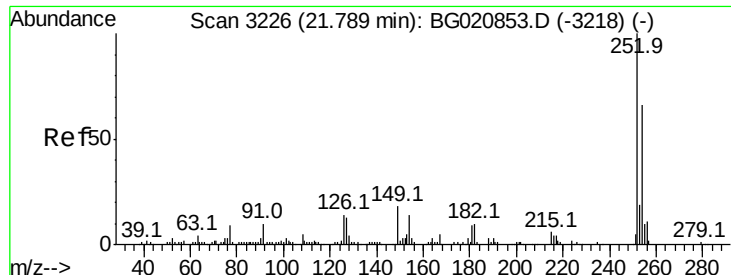
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.6	50.6	76.0
206	19.4	14.6	22.0



#80
Benzo(a)anthracene
Concen: 44.85 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020985.D
Acq: 19 Feb 2016 23:32

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

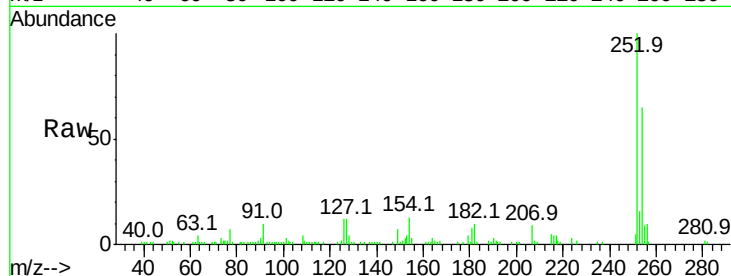




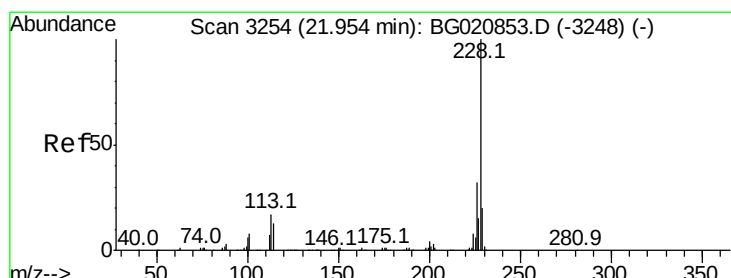
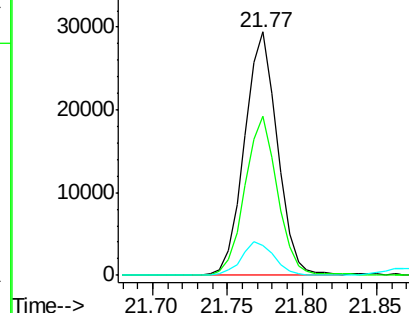
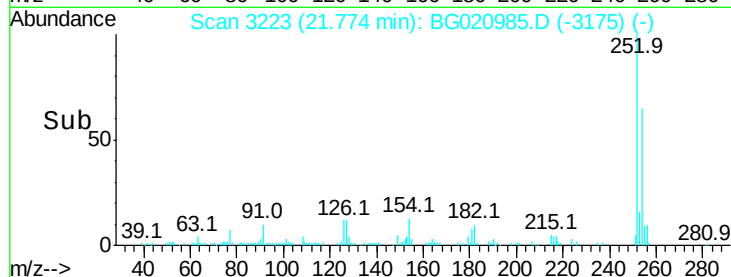
#81
 3,3'-Dichlorobenzidine
 Concen: 15.68 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.8	79.2
126	12.4	11.1	16.7

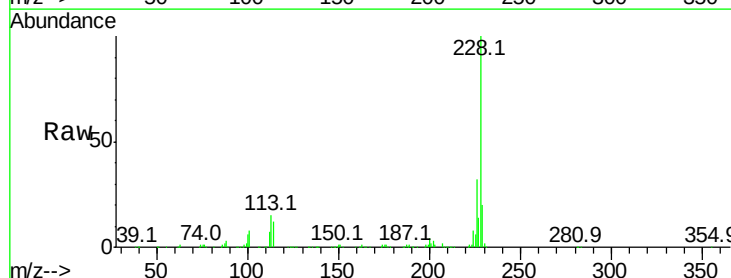


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

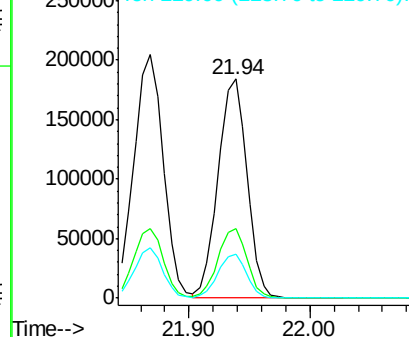
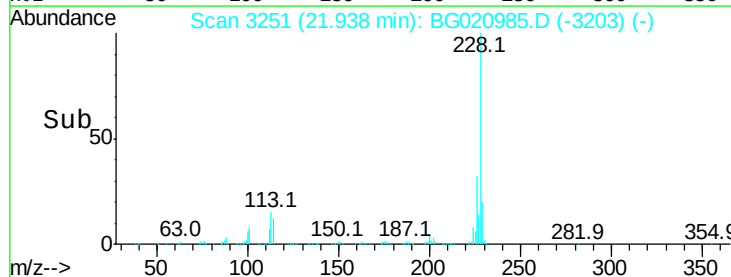


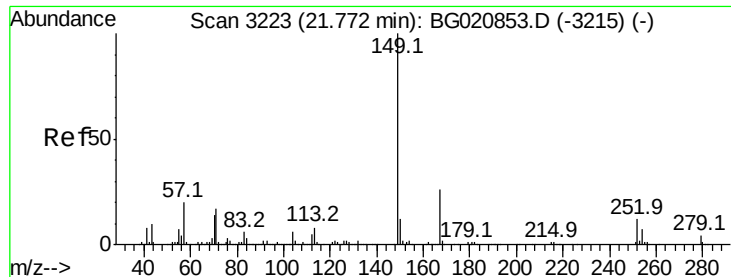
#82
 Chrysene
 Concen: 41.93 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.3	37.9
229	19.8	16.2	24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.19 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

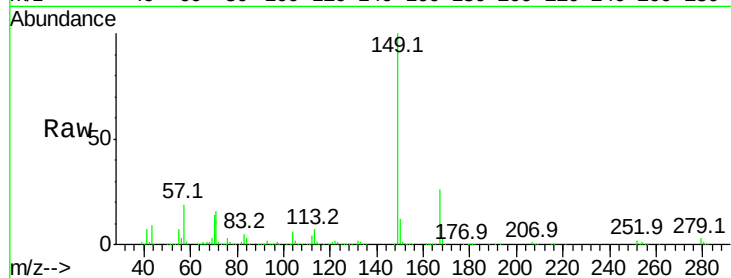
Tot Ion:149 Resp: 261182

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

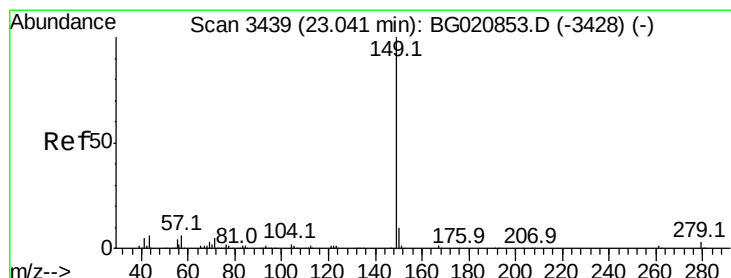
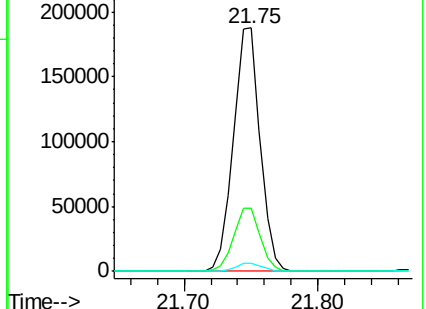
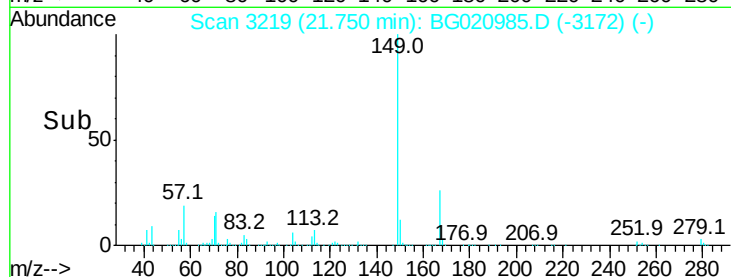
279 3.5 3.0 4.4



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: 43.90 ng

RT: 23.01 min Scan# 3433

Delta R.T. -0.03 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

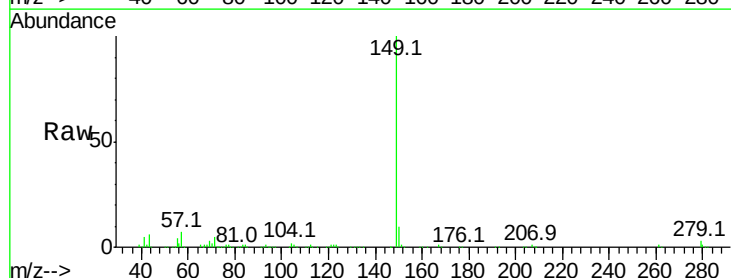
Tgt Ion:149 Resp: 435753

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

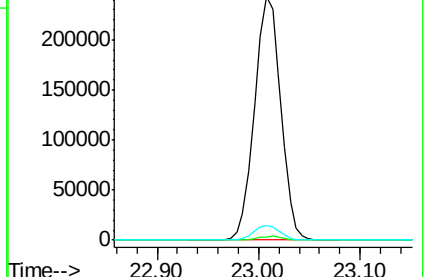
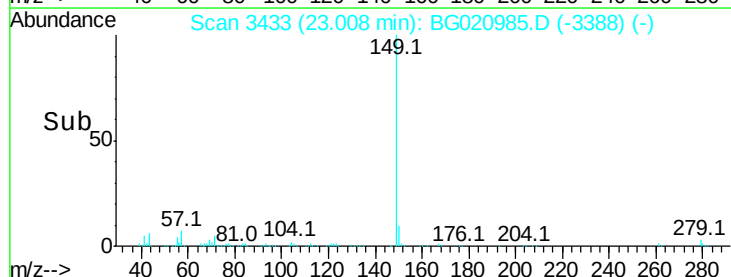
43 6.1 5.1 7.7

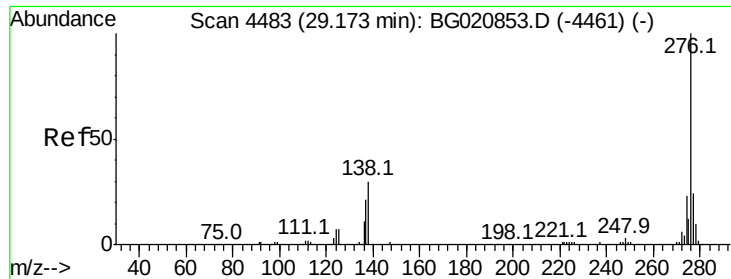


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

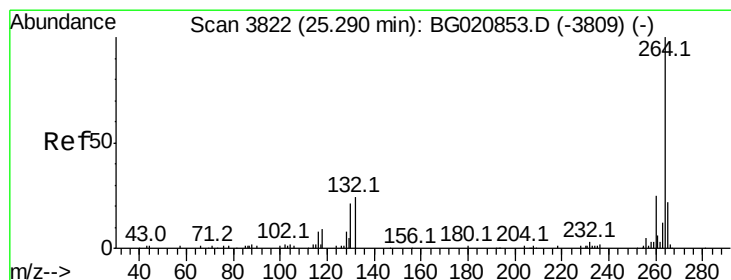
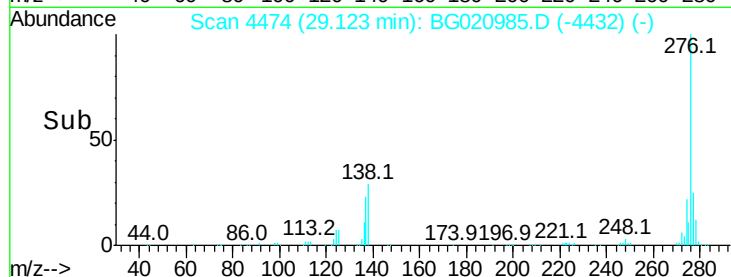
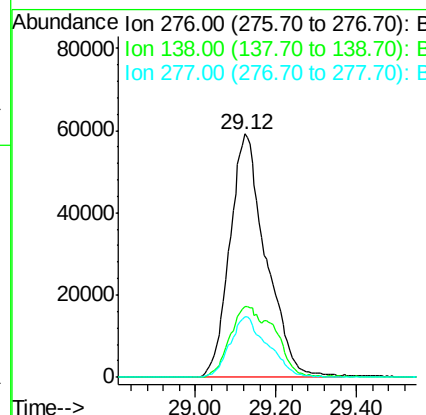
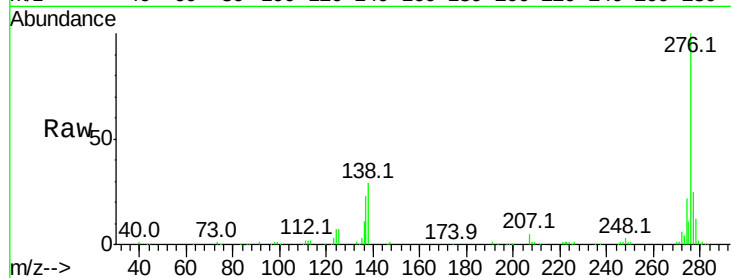




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.21 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. -0.05 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

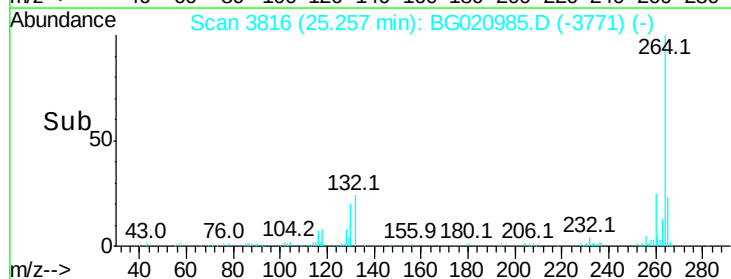
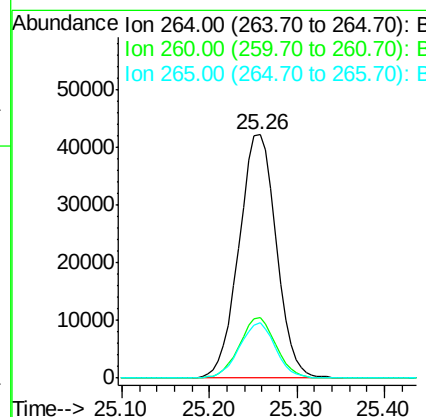
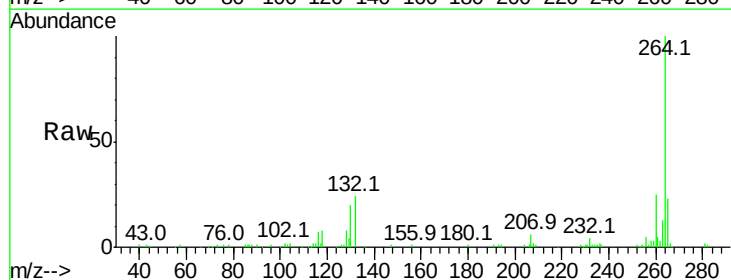
Instrument :
 BNA_G
 ClientSampleId :
 PB88453BSD

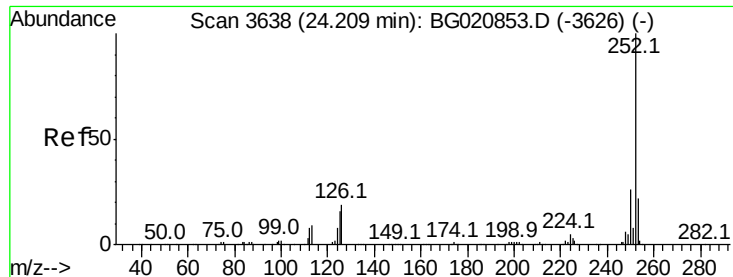
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.1	30.1
277	26.0	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3816
 Delta R.T. -0.03 min
 Lab File: BG020985.D
 Acq: 19 Feb 2016 23:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.6	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 44.86 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

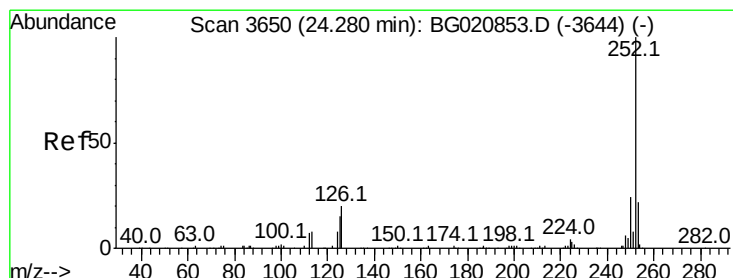
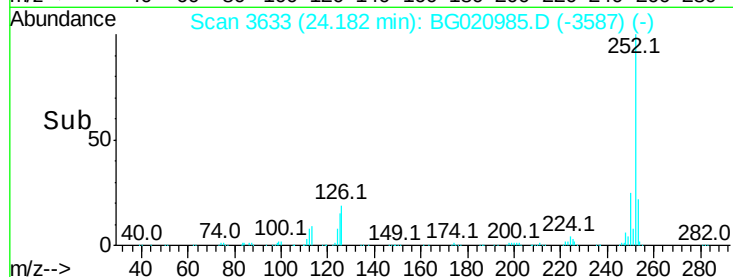
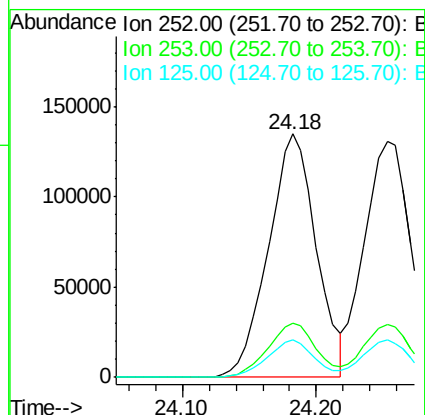
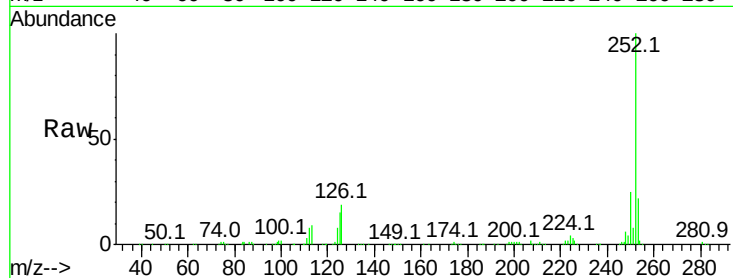
Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :
BNA_G
ClientSampleId :
PB88453BSD

Tot Ion:252 Resp: 335463

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.4	12.5	18.7



#88

Benzo(k)fluoranthene

Concen: 43.02 ng

RT: 24.25 min Scan# 3645

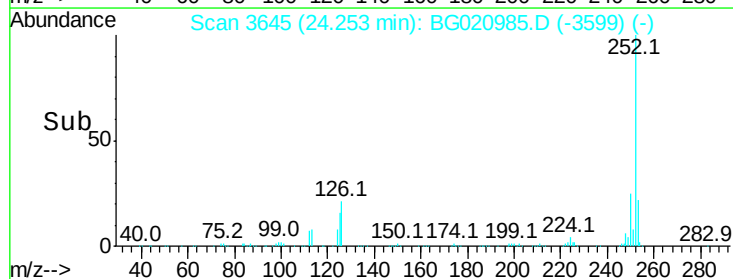
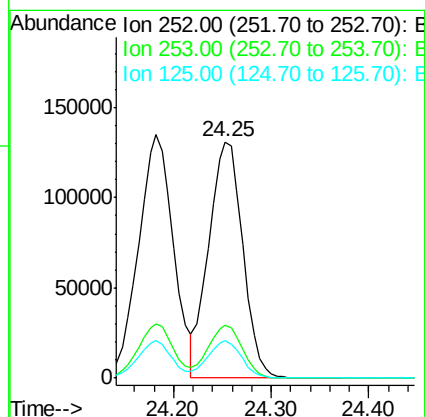
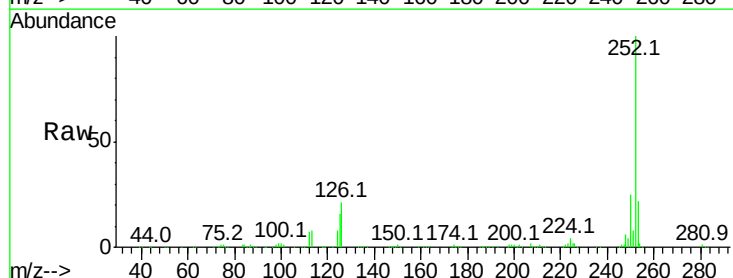
Delta R.T. -0.03 min

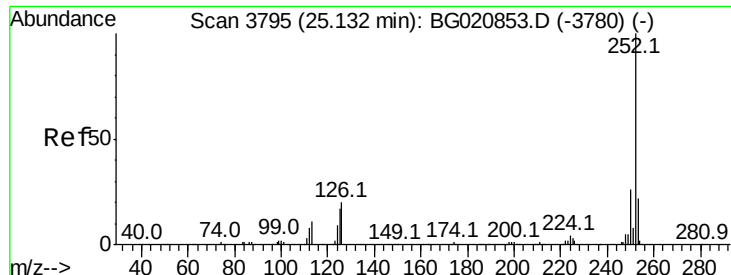
Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Tgt Ion:252 Resp: 315251

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	15.9	12.2	18.4





#89

Benzo(a)pyrene

Concen: 44.47 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.03 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

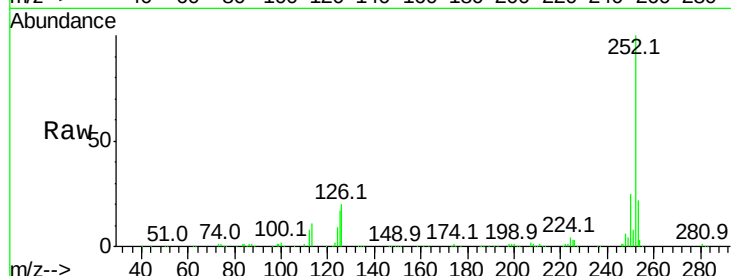
Tot Ion:252 Resp: 316856

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

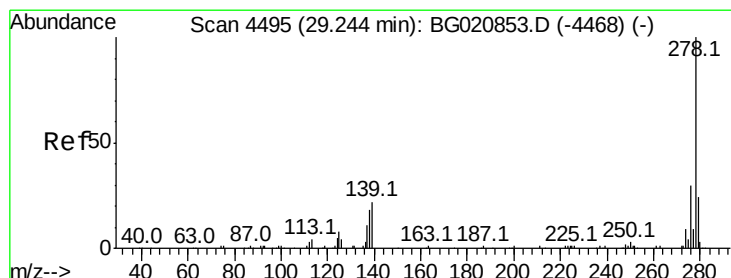
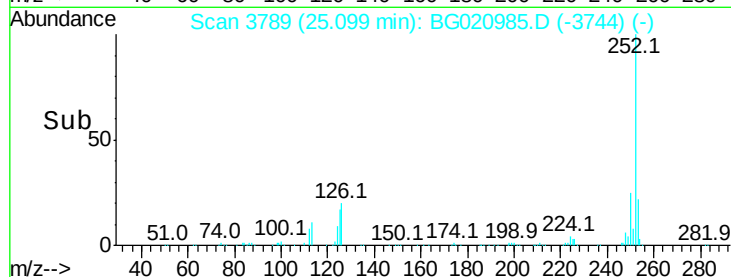
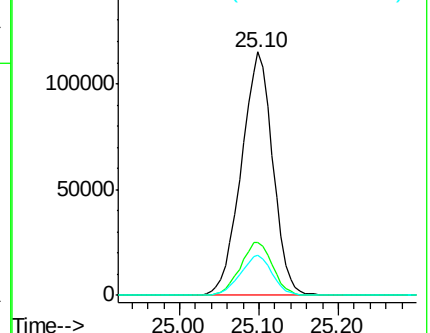
125 16.7 13.6 20.4



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: 43.49 ng

RT: 29.19 min Scan# 4485

Delta R.T. -0.06 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

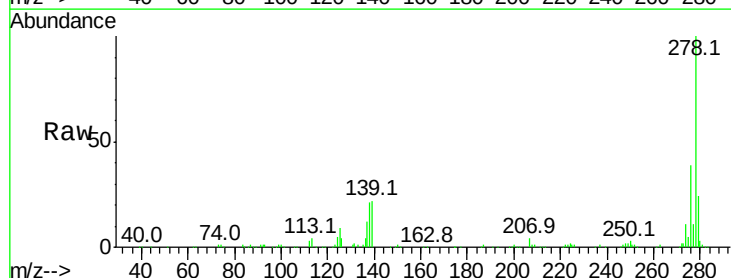
Tgt Ion:278 Resp: 301321

Ion Ratio Lower Upper

278 100

139 21.9 17.3 25.9

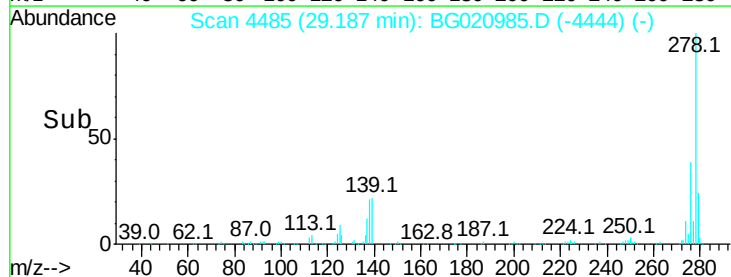
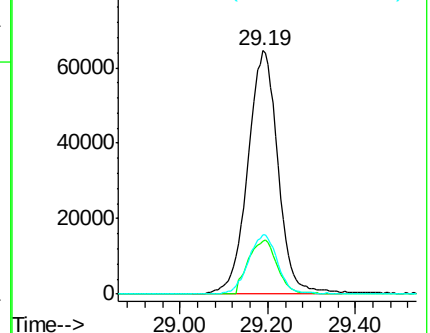
279 24.2 19.1 28.7

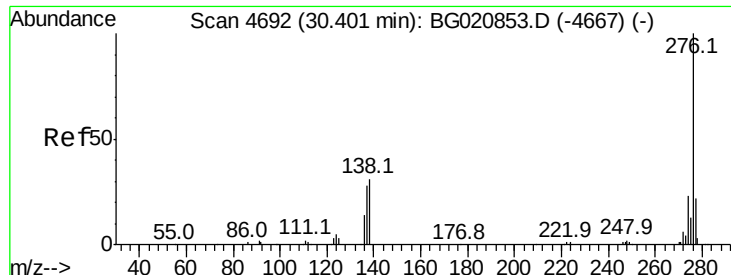


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.45 ng

RT: 30.33 min Scan# 4680

Delta R.T. -0.07 min

Lab File: BG020985.D

Acq: 19 Feb 2016 23:32

Instrument :

BNA_G

ClientSampleId :

PB88453BSD

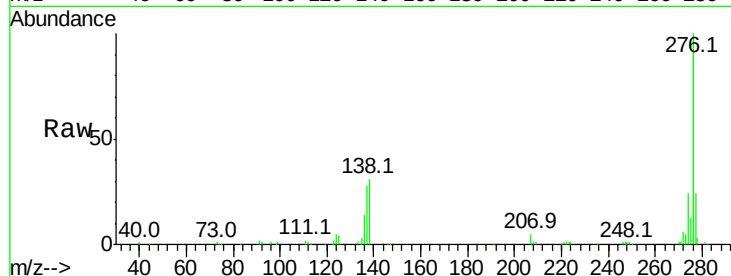
Tot Ion:276 Resp: 298847

Ion Ratio Lower Upper

276 100

277 23.7 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

