

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020988.D
 Acq On : 20 Feb 2016 1:30
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 20 02:40:48 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	26366	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	134527	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	76887	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	151348	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	145002	20.00	ng	-0.02
86) Perylene-d12	25.26	264	137759	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	123736	79.03	ng	-0.01
7) Phenol-d6	7.40	99	188013	82.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	164014	80.16	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	63847	84.44	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	448220	81.89	ng	-0.01
78) Terphenyl-d14	20.19	244	508747	81.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	21361	37.52	ng	95
3) Pyridine	4.04	79	65998	39.19	ng	99
4) n-Nitrosodimethylamine	3.96	42	17507	39.74	ng	100
6) Aniline	7.58	93	113018	39.61	ng	99
8) 2-Chlorophenol	7.82	128	79266	40.53	ng	99
9) Benzaldehyde	7.39	77	43116	37.62	ng	96
10) Phenol	7.43	94	98206	40.55	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	76896	39.76	ng	96
12) 1,3-Dichlorobenzene	8.15	146	83204	40.24	ng	98
13) 1,4-Dichlorobenzene	8.30	146	85612	40.83	ng	99
14) 1,2-Dichlorobenzene	8.62	146	82338	40.37	ng	97
15) Benzyl Alcohol	8.50	79	57113	39.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	77557	38.44	ng	100
17) 2-Methylphenol	8.70	107	70288	40.29	ng	99
18) Hexachloroethane	9.35	117	29143	40.43	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	58489	39.61	ng	97
20) 3+4-Methylphenols	9.03	107	98475	40.51	ng	97
22) Acetophenone	9.08	105	128339	39.58	ng	99
24) Nitrobenzene	9.48	77	85605	40.14	ng	99
25) Isophorone	10.00	82	169778	39.37	ng	98
26) 2-Nitrophenol	10.19	139	49666	44.25	ng	96
27) 2,4-Dimethylphenol	10.24	122	84724	39.39	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	106754	40.17	ng	100
29) 2,4-Dichlorophenol	10.72	162	81398	42.23	ng	97
30) 1,2,4-Trichlorobenzene	10.94	180	80499	41.46	ng	99
31) Naphthalene	11.14	128	280395	40.29	ng	98
32) Benzoic acid	10.38	122	69739	40.42	ng	97
33) 4-Chloroaniline	11.24	127	121311	40.52	ng	98
34) Hexachlorobutadiene	11.41	225	41227	41.66	ng	97
35) Caprolactam	12.02	113	29437	39.85	ng	98
36) 4-Chloro-3-methylphenol	12.34	107	88842	40.23	ng	98
37) 2-Methylnaphthalene	12.72	142	198034	40.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	93212	41.33	ng	99
40) Hexachlorocyclopentadiene	13.06	237	34804	35.08	ng	98

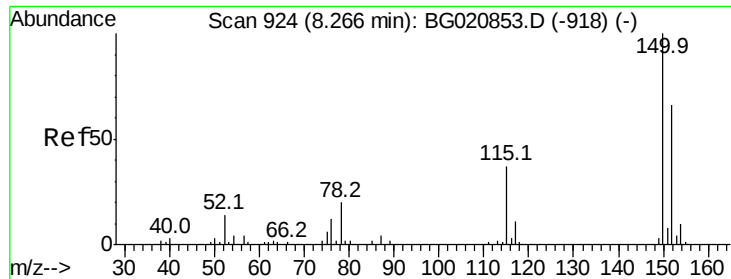
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	64658	42.68	nq	99
43) 2,4,5-Trichlorophenol	13.39	196	66676	41.86	nq	97
45) 1,1'-Biphenyl	13.71	154	274334	40.44	nq	99
46) 2-Chloronaphthalene	13.76	162	197631	40.70	nq	99
47) 2-Nitroaniline	13.95	65	47018	40.43	nq	98
48) Acenaphthylene	14.60	152	345560	40.93	nq	99
49) Dimethylphthalate	14.32	163	246353	40.98	nq	99
50) 2,6-Dinitrotoluene	14.44	165	52783	40.97	nq	98
51) Acenaphthene	14.94	154	208928	40.81	nq	99
52) 3-Nitroaniline	14.78	138	60210	40.22	nq	96
53) 2,4-Dinitrophenol	14.98	184	20719	42.35	nq	90
54) Dibenzofuran	15.27	168	273722	40.42	nq	100
55) 4-Nitrophenol	15.07	139	47139	41.69	nq	98
56) 2,4-Dinitrotoluene	15.22	165	71489	42.93	nq	98
57) Fluorene	15.92	166	250006	40.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	50291	41.43	nq	98
59) Diethylphthalate	15.67	149	249676	40.40	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	113274	40.90	nq	97
61) 4-Nitroaniline	15.93	138	60965	40.57	nq	95
62) Azobenzene	16.19	77	189100	38.91	nq	99
64) 4,6-Dinitro-2-methylphenol	15.99	198	32145	42.51	nq	94
65) n-Nitrosodiphenylamine	16.11	169	202047	41.32	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	66582	41.66	nq	100
67) Hexachlorobenzene	16.91	284	70556	41.48	nq	98
68) Atrazine	17.05	200	59796	40.30	nq	99
69) Pentachlorophenol	17.26	266	40945	41.99	nq	97
70) Phenanthrene	17.66	178	350462	40.67	nq	100
71) Anthracene	17.74	178	352998	40.36	nq	99
72) Carbazole	18.01	167	318156	40.54	nq	99
73) Di-n-butylphthalate	18.54	149	408228	40.56	nq	100
74) Fluoranthene	19.64	202	381356	40.97	nq	99
76) Benzidine	19.81	184	159177	33.95	nq	99
77) Pyrene	20.00	202	387259	40.49	nq	99
79) Butylbenzylphthalate	20.87	149	186858	40.81	nq	98
80) Benzo(a)anthracene	21.87	228	353025	40.78	nq	100
81) 3,3'-Dichlorobenzidine	21.77	252	129241	40.22	nq	100
82) Chrysene	21.94	228	328999	40.41	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	273334	40.26	nq	99
84) Di-n-octyl phthalate	23.01	149	453523	40.70	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	387238	41.36	nq	97
87) Benzo(b)fluoranthene	24.18	252	341744	40.53	nq	99
88) Benzo(k)fluoranthene	24.26	252	337375	40.84	nq	99
89) Benzo(a)pyrene	25.10	252	326229	40.61	nq	99
90) Dibenzo(a,h)anthracene	29.20	278	315532	40.39	nq	98
91) Benzo(g,h,i)perylene	30.34	276	310073	39.99	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.00 min

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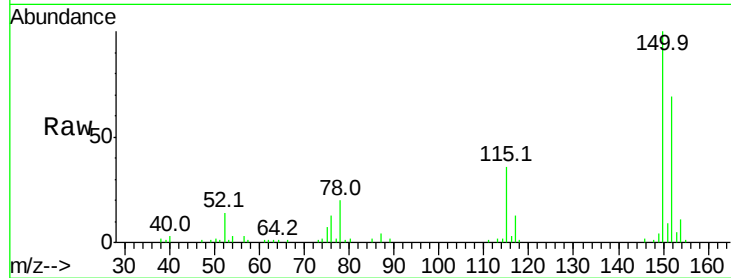
Tot Ion:152 Resp: 26366

Ion Ratio Lower Upper

152 100

150 144.3 122.0 183.0

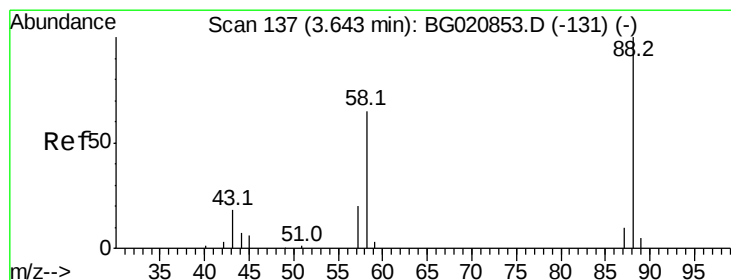
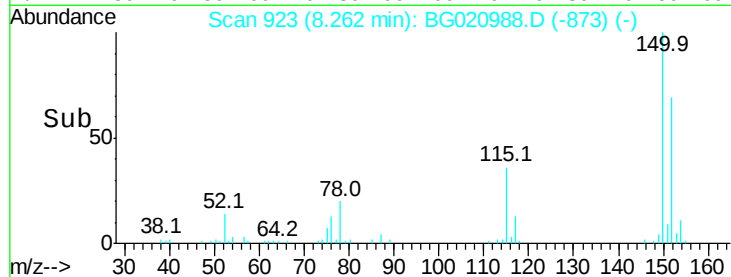
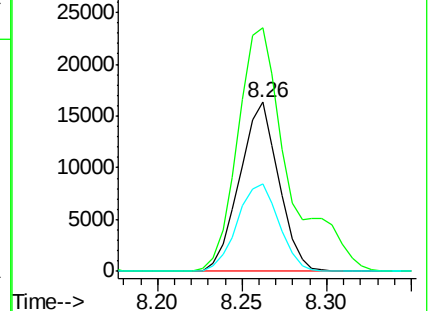
115 52.0 45.2 67.8



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: 37.52 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

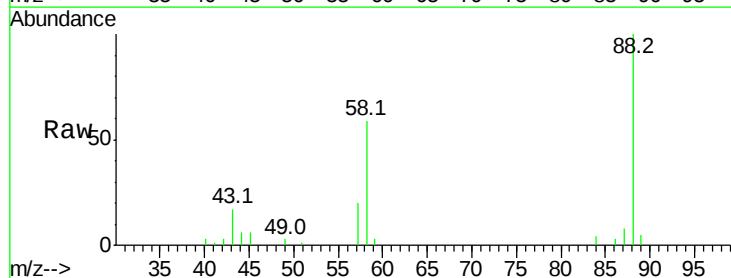
Tgt Ion: 88 Resp: 21361

Ion Ratio Lower Upper

88 100

58 58.8 50.3 75.5

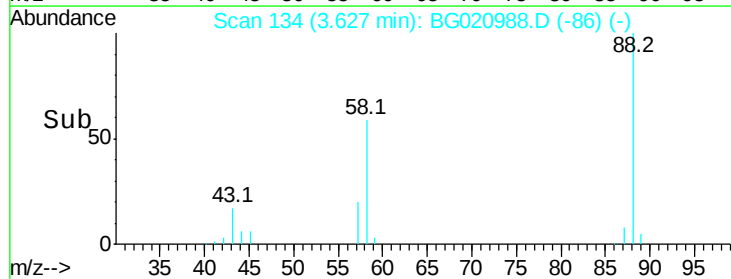
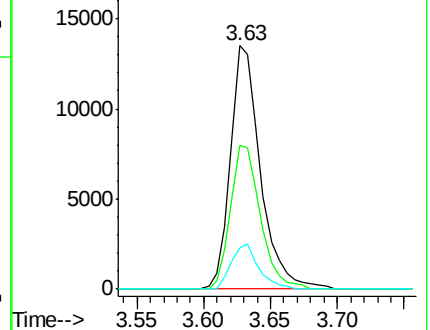
43 16.9 14.5 21.7

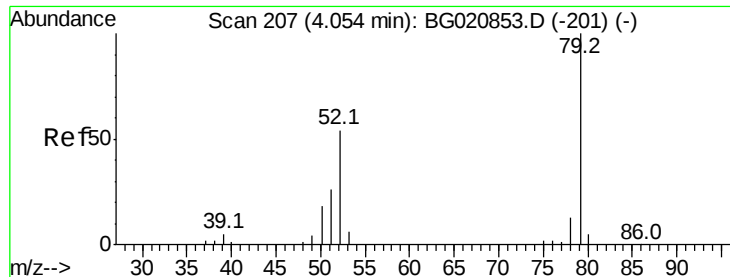


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.19 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

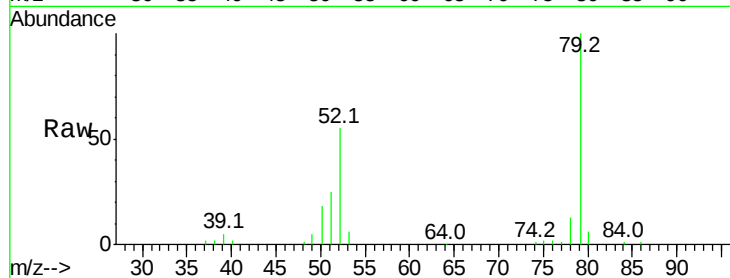
Tot Ion: 79 Resp: 65998

Ion Ratio Lower Upper

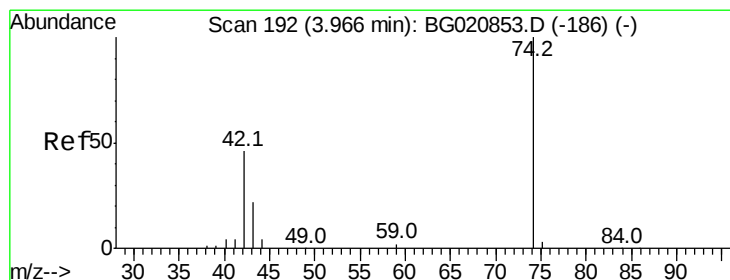
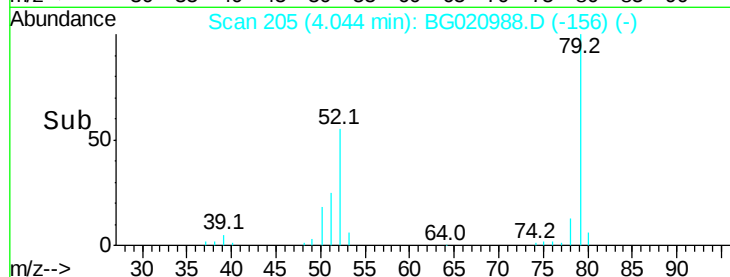
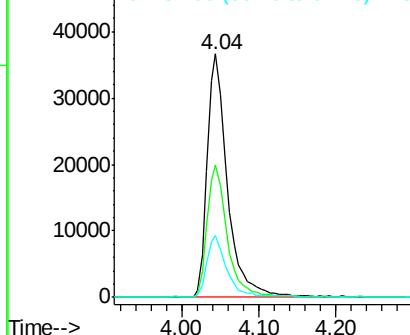
79 100

52 54.5 43.1 64.7

51 25.3 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: 39.74 ng

RT: 3.96 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

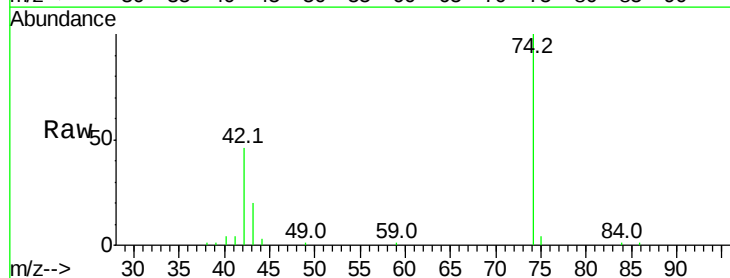
Tgt Ion: 42 Resp: 17507

Ion Ratio Lower Upper

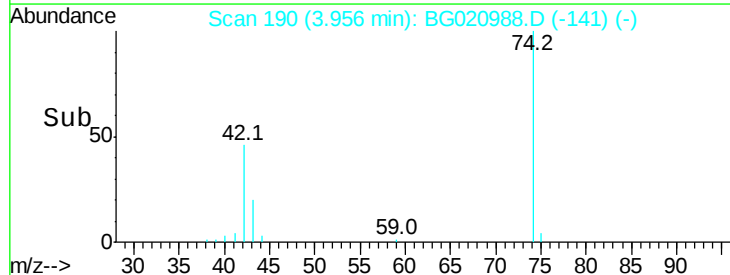
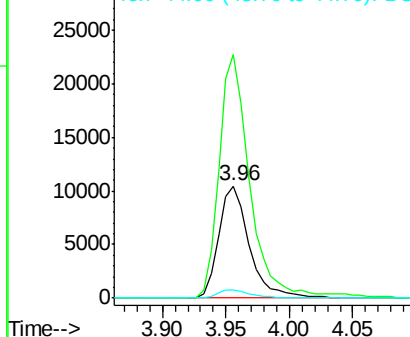
42 100

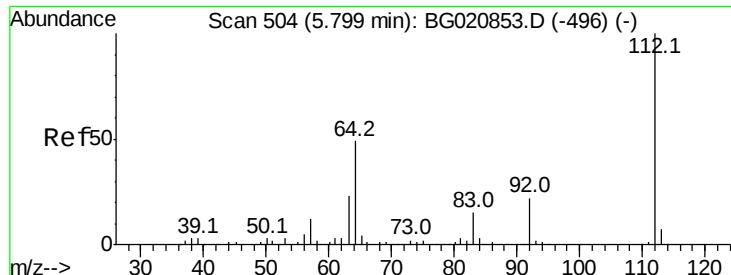
74 217.4 173.8 260.6

44 6.9 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: 79.03 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

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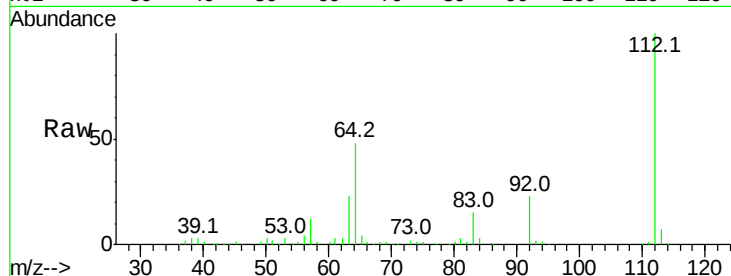
Tot Ion:112 Resp: 123736

Ion Ratio Lower Upper

112 100

64 47.8 39.3 58.9

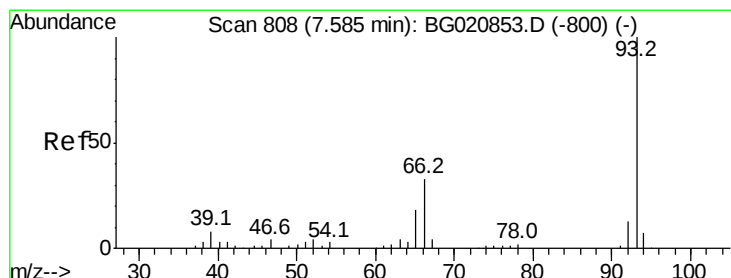
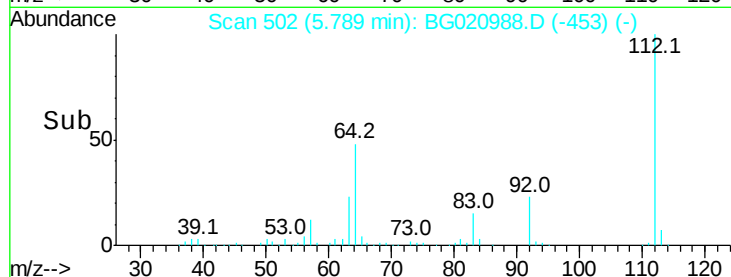
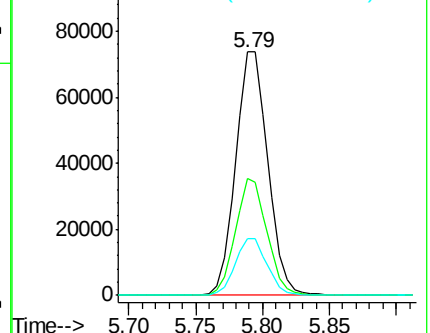
63 23.3 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.61 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

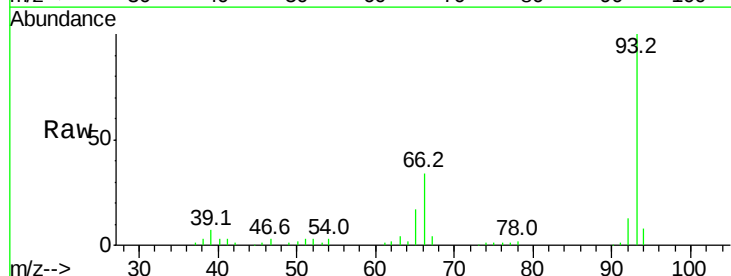
Tgt Ion: 93 Resp: 113018

Ion Ratio Lower Upper

93 100

66 34.4 26.6 40.0

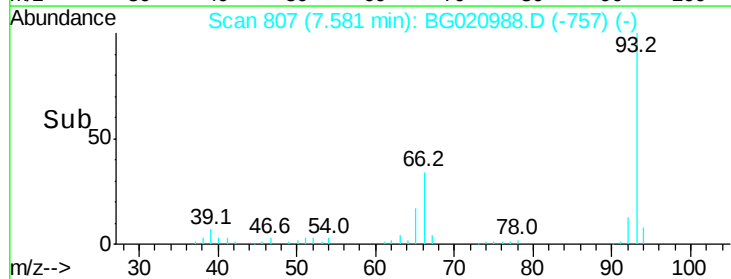
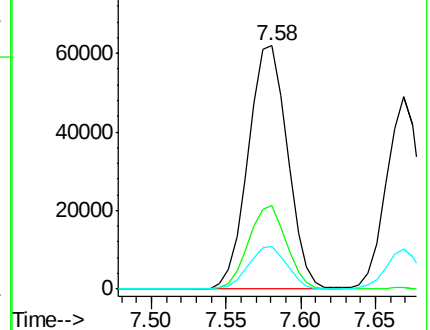
65 17.4 14.0 21.0

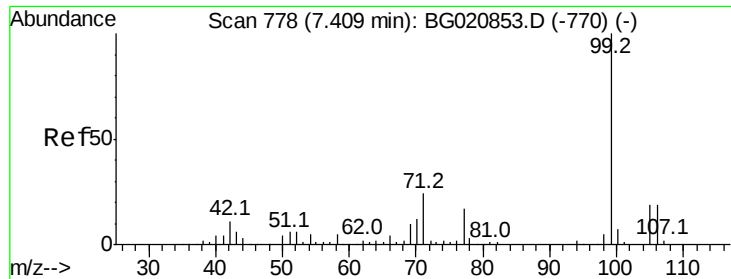


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.16 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

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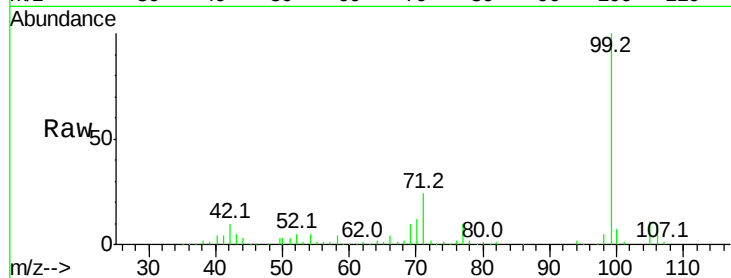
Tot Ion: 99 Resp: 188013

Ion Ratio Lower Upper

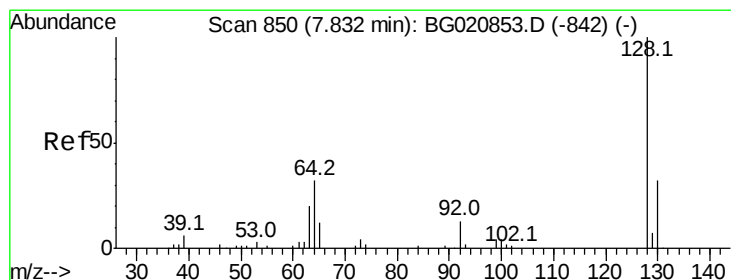
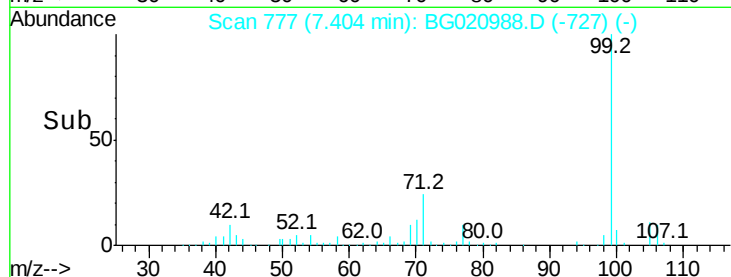
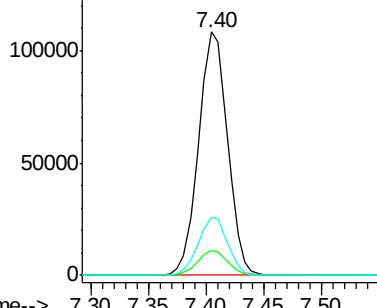
99 100

42 10.0 8.4 12.6

71 24.1 19.4 29.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.53 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

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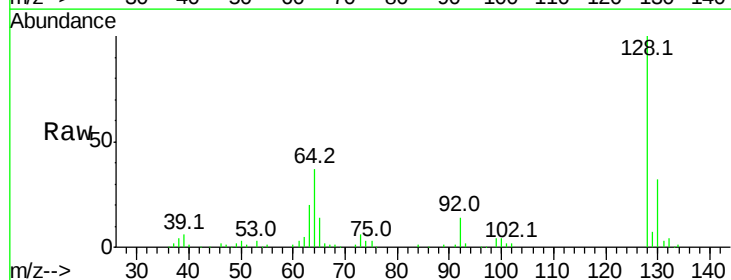
Tgt Ion: 128 Resp: 79266

Ion Ratio Lower Upper

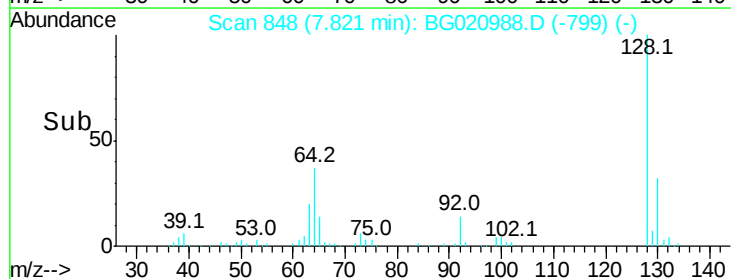
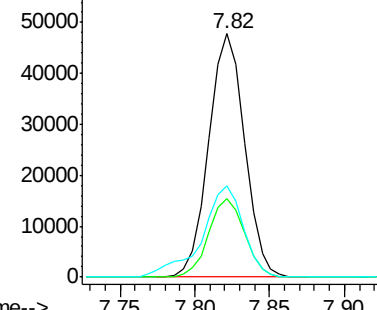
128 100

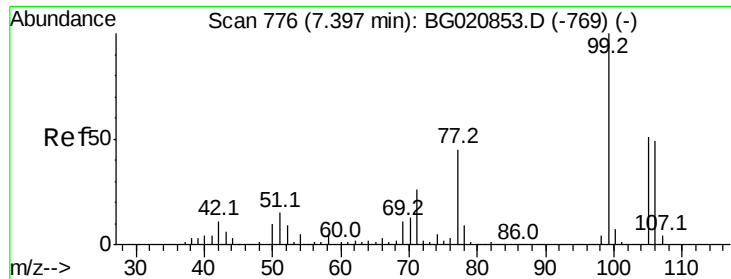
130 32.1 12.3 52.3

64 37.4 15.9 55.9



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

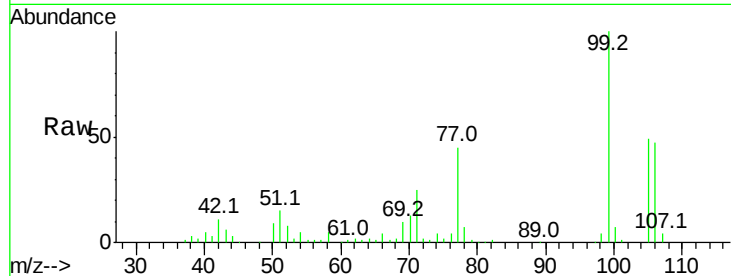




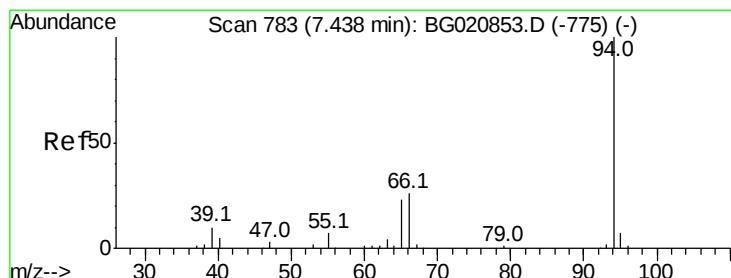
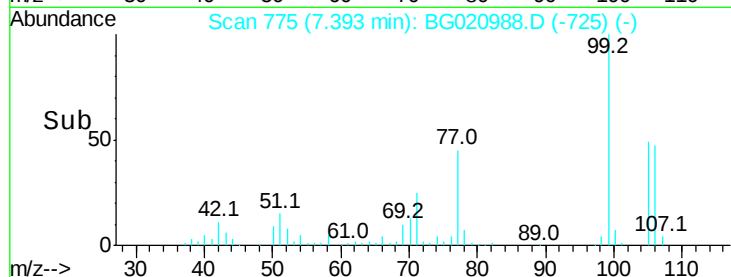
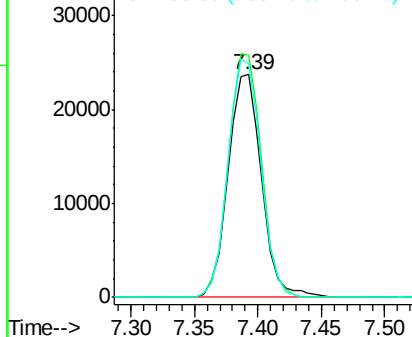
#9
Benzaldehyde
Concen: 37.62 ng
RT: 7.39 min Scan# 775
Delta R.T. -0.00 min
Lab File: BG020988.D
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Tot Ion: 77 Resp: 43116
Ion Ratio Lower Upper
77 100
105 108.6 93.4 133.4
106 104.7 88.7 128.7

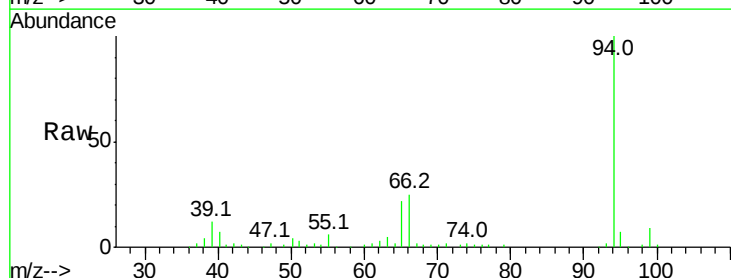


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

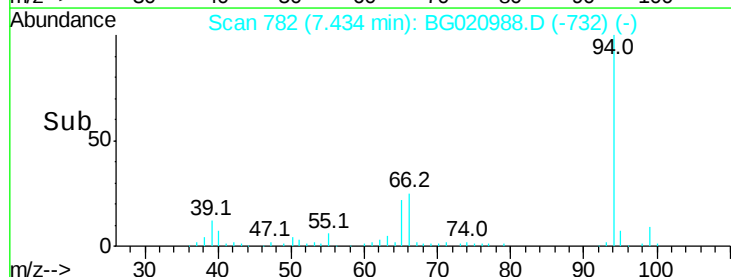
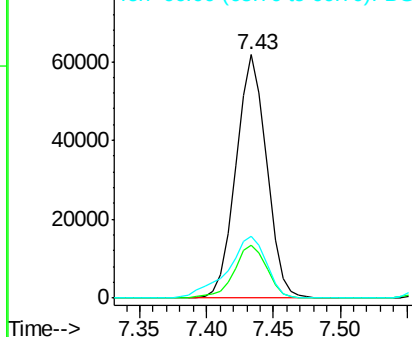


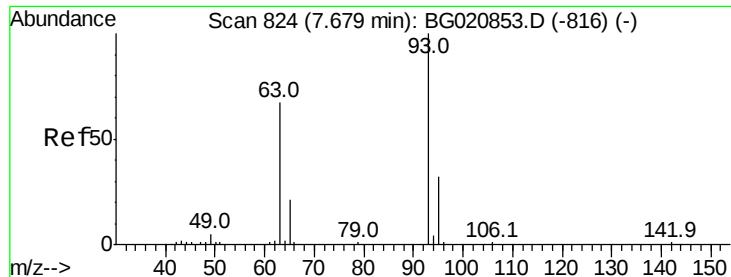
#10
Phenol
Concen: 40.55 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion: 94 Resp: 98206
Ion Ratio Lower Upper
94 100
65 21.7 2.8 42.8
66 25.3 7.2 47.2



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





#11

bis(2-Chloroethyl)ether

Concen: 39.76 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

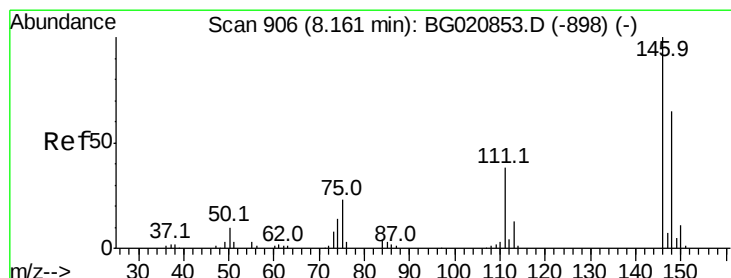
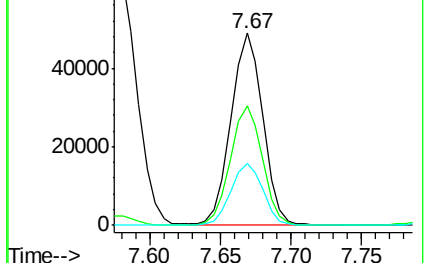
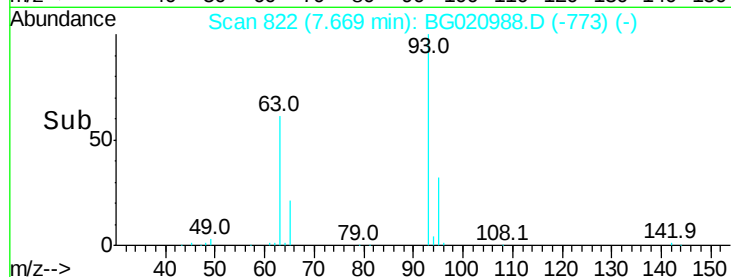
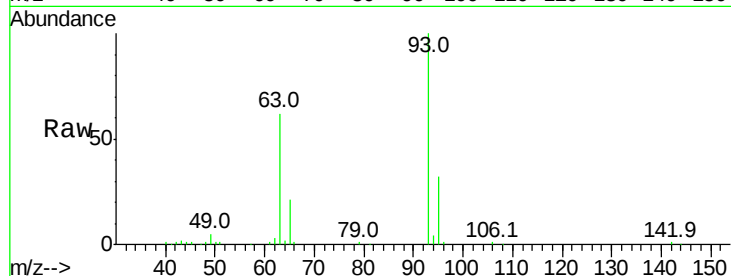
Tot Ion: 93 Resp: 76896

Ion Ratio Lower Upper

93 100

63 62.1 46.4 86.4

95 32.0 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.24 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

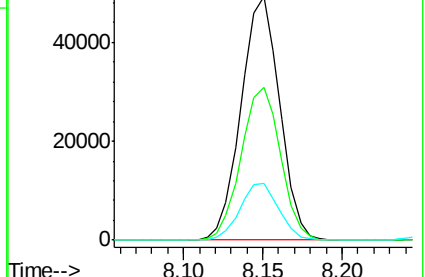
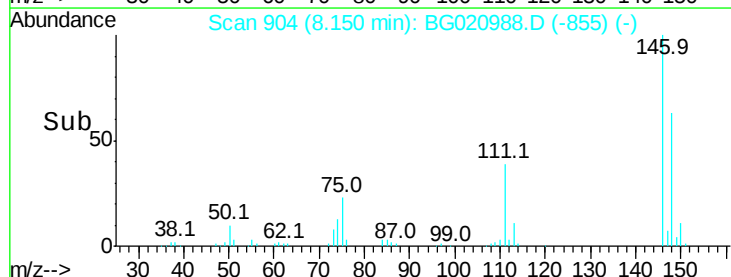
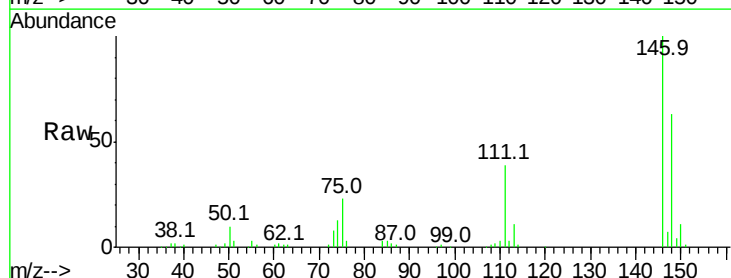
Tgt Ion: 146 Resp: 83204

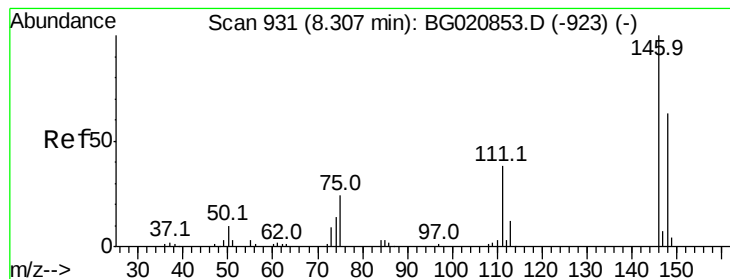
Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

75 23.0 18.7 28.1





#13

1,4-Dichlorobenzene

Concen: 40.83 ng

RT: 8.30 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

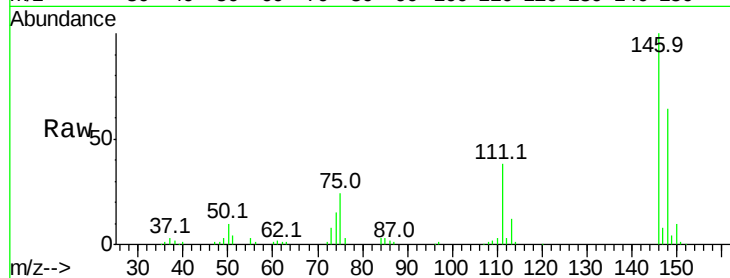
Tot Ion:146 Resp: 85612

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

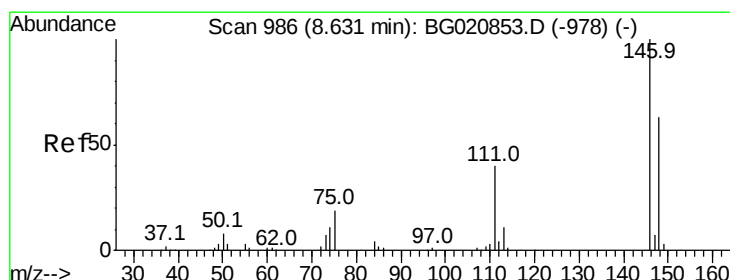
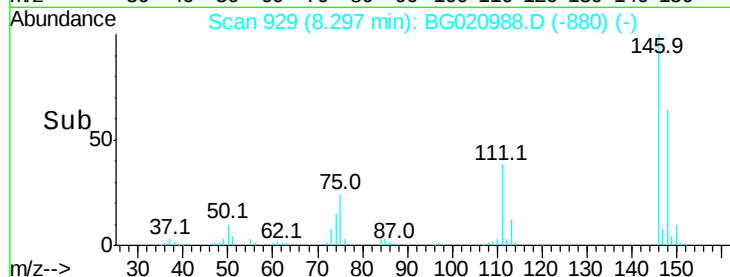
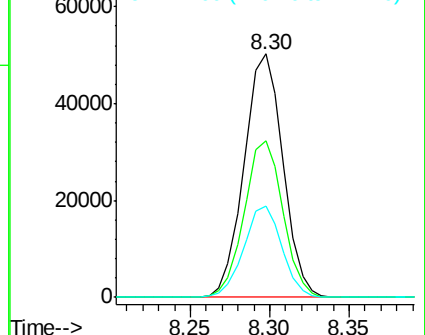
111 37.6 30.1 45.1



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: 40.37 ng

RT: 8.62 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

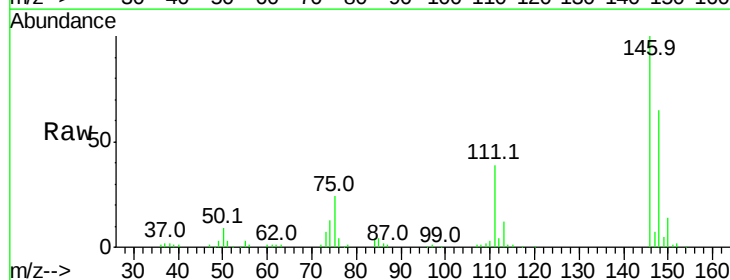
Tgt Ion:146 Resp: 82338

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

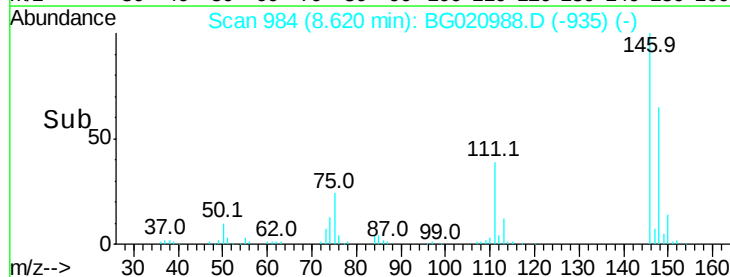
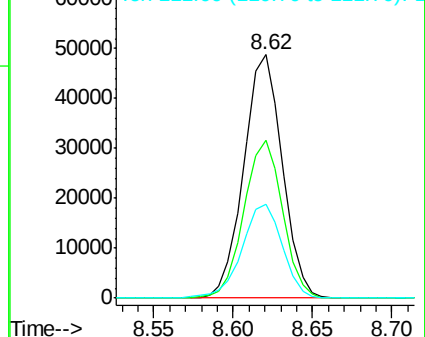
111 38.7 32.6 48.8

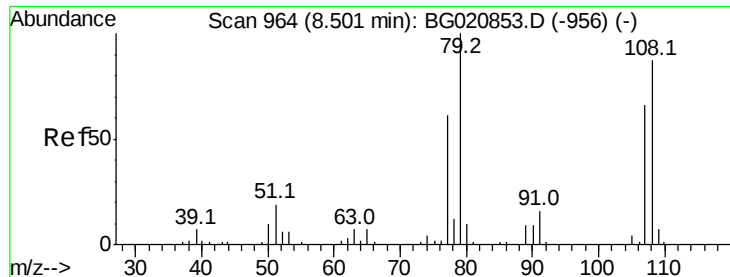


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

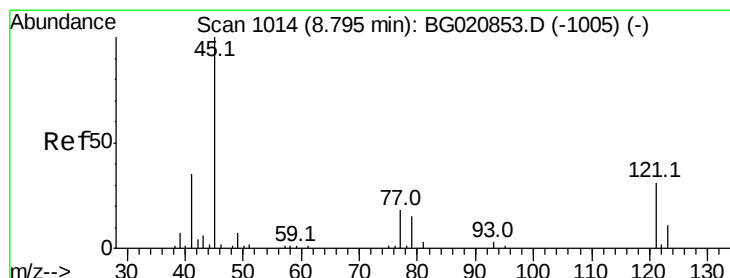
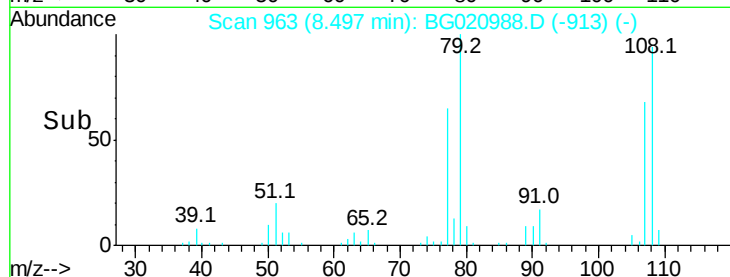
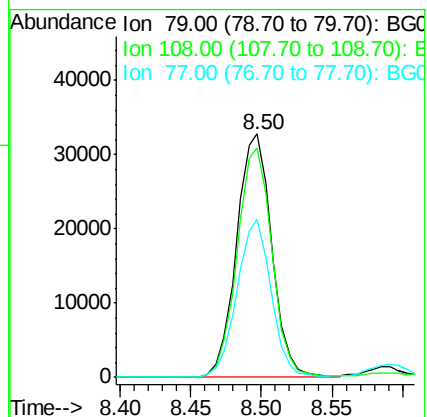
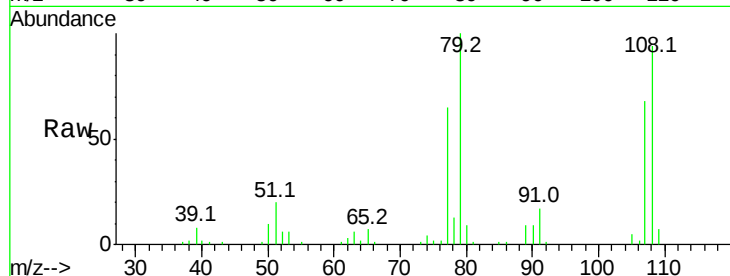
Tot Ion: 79 Resp: 57113

Ion Ratio Lower Upper

79 100

108 94.2 69.4 104.2

77 65.0 48.6 73.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.44 ng

RT: 8.78 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

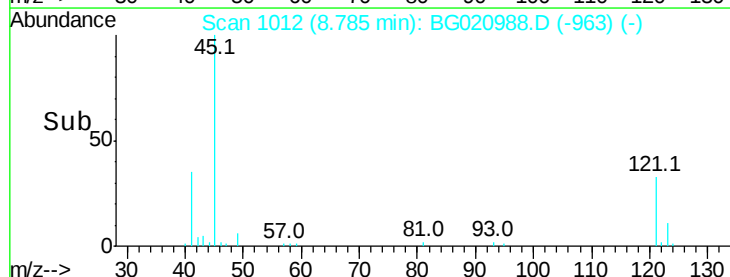
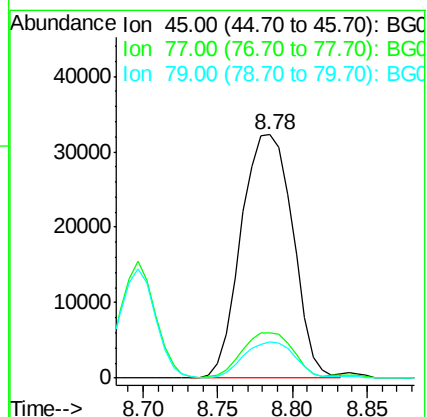
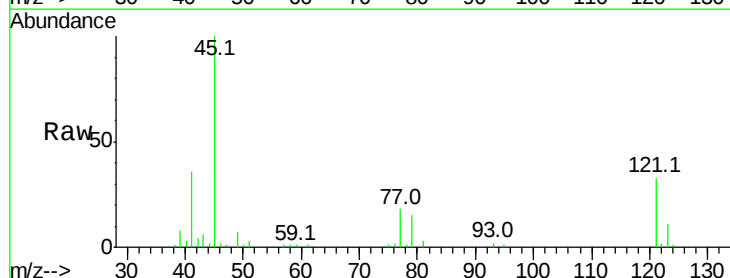
Tgt Ion: 45 Resp: 77557

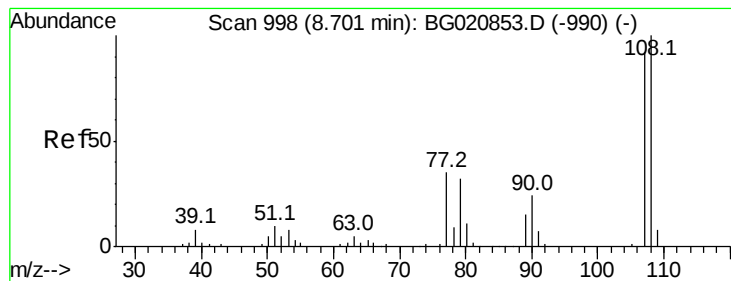
Ion Ratio Lower Upper

45 100

77 18.5 0.0 38.5

79 15.0 0.0 34.9

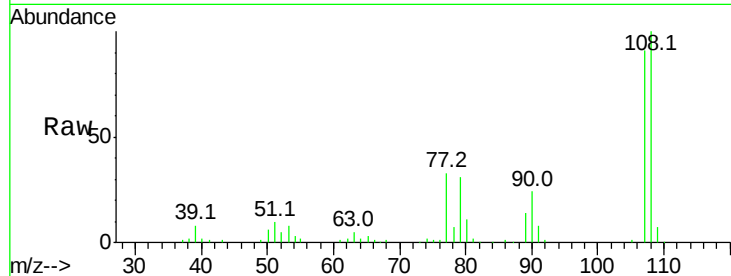




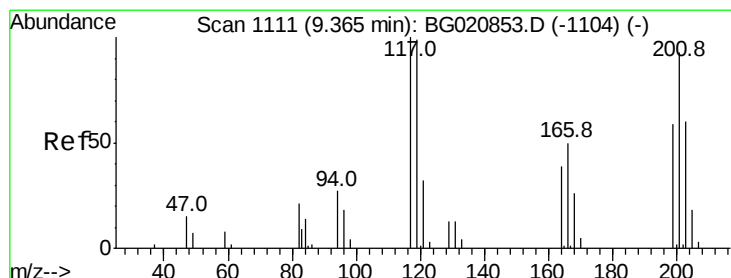
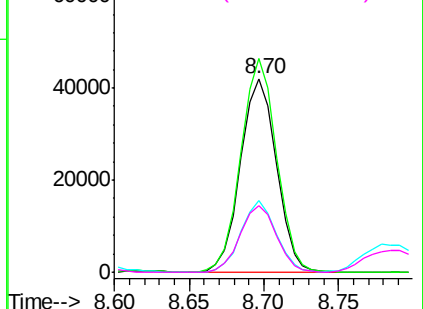
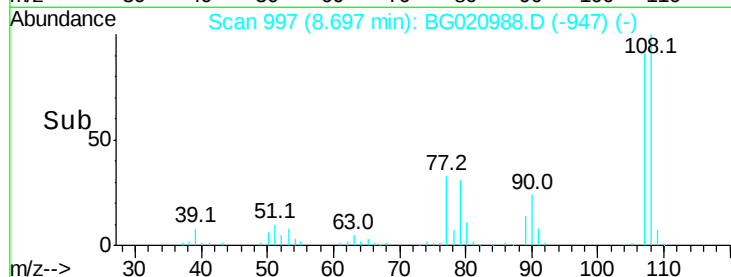
#17
2-Methylphenol
Concen: 40.29 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 70288
Ion Ratio Lower Upper
107 100
108 110.1 87.0 130.4
77 36.7 30.1 45.1
79 34.3 27.4 41.2

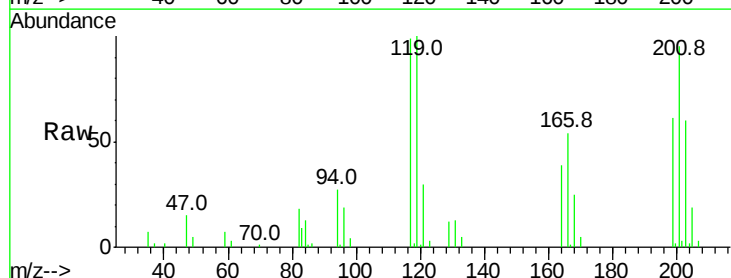


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

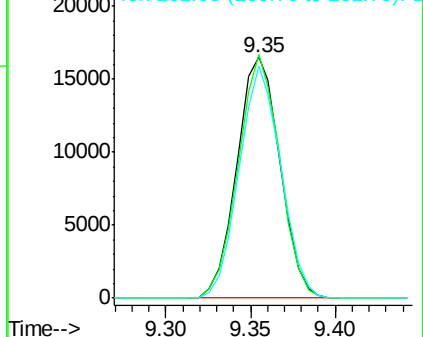
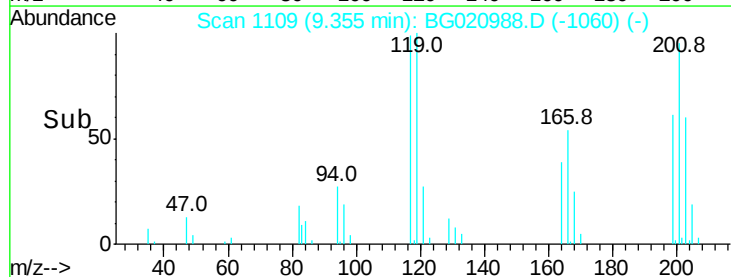


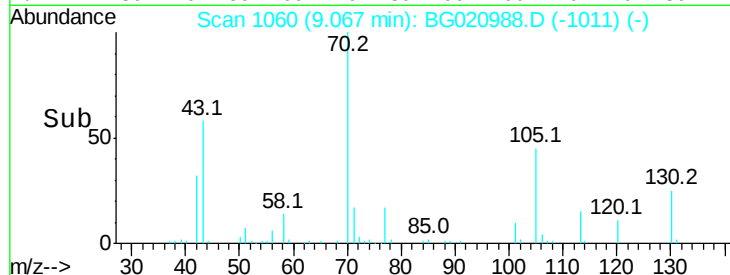
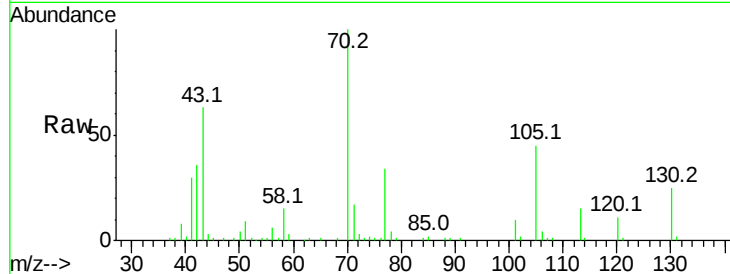
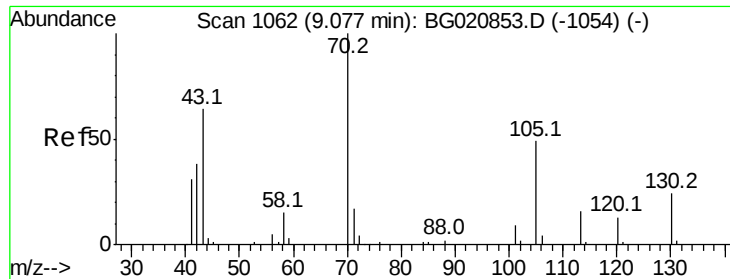
#18
Hexachloroethane
Concen: 40.43 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:117 Resp: 29143
Ion Ratio Lower Upper
117 100
119 101.1 79.6 119.4
201 96.3 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

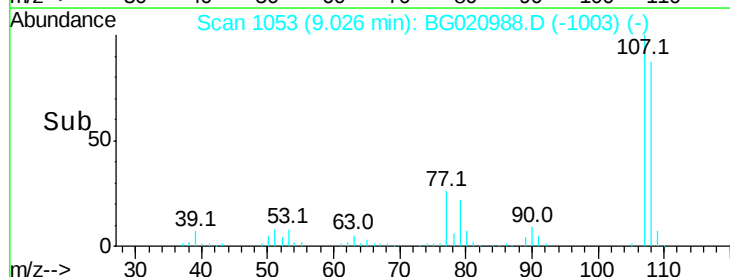
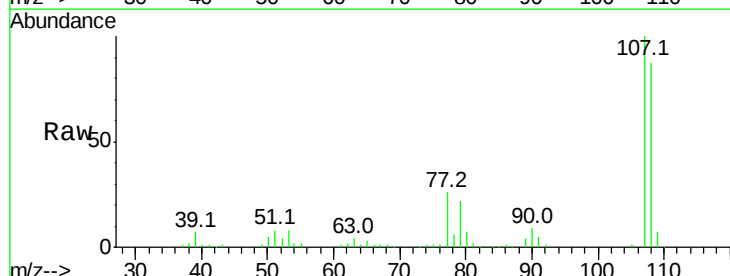
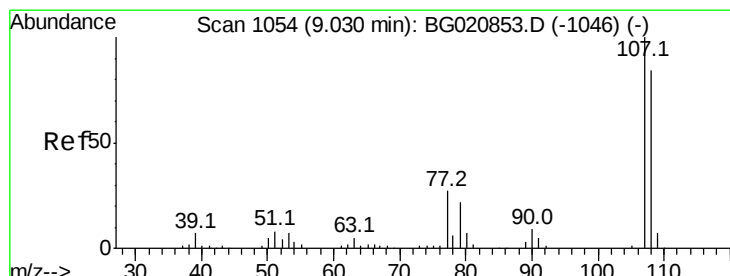
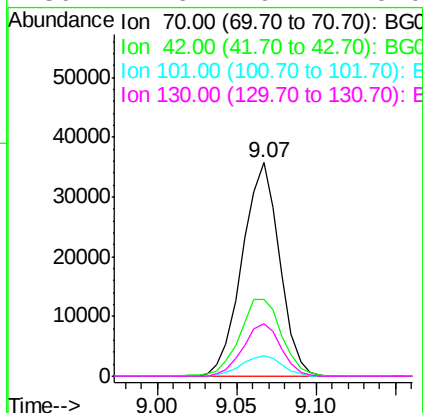




#19
n-Nitroso-di-n-propylamine
Concen: 39.61 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

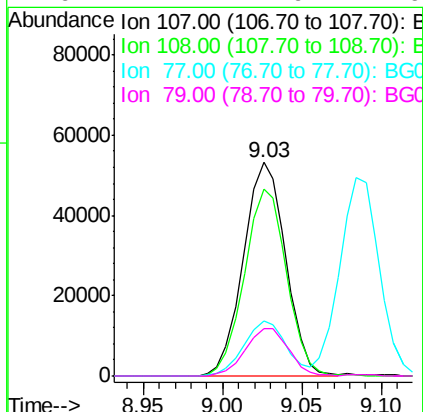
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

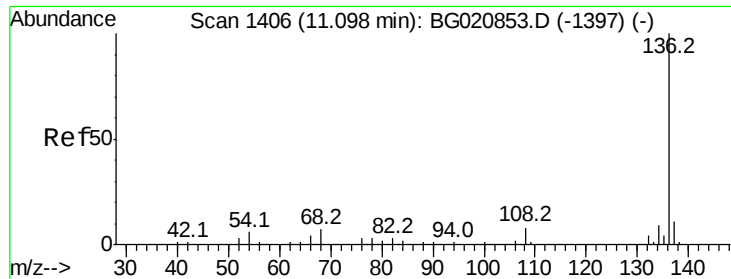
Tot Ion: 70 Resp: 58489
Ion Ratio Lower Upper
70 100
42 36.0 30.9 46.3
101 9.9 7.3 10.9
130 24.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 40.51 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion: 107 Resp: 98475
Ion Ratio Lower Upper
107 100
108 87.3 64.4 104.4
77 26.0 7.1 47.1
79 22.4 1.9 41.9

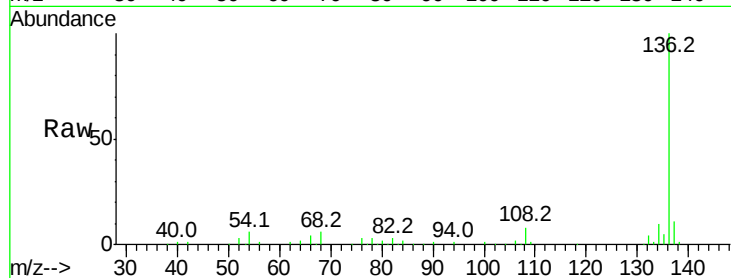




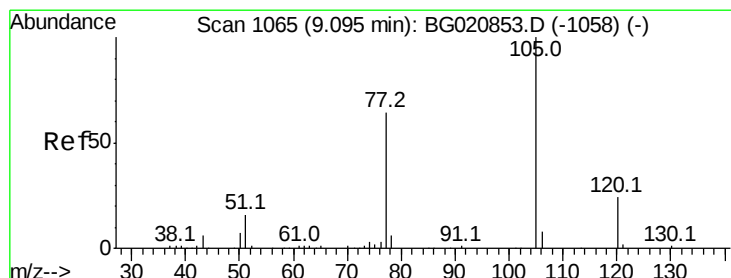
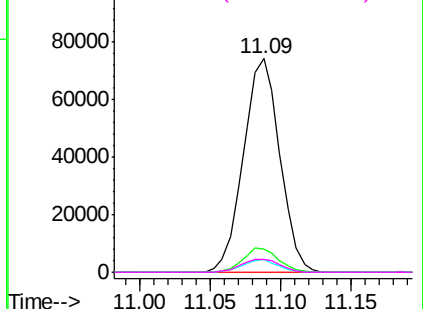
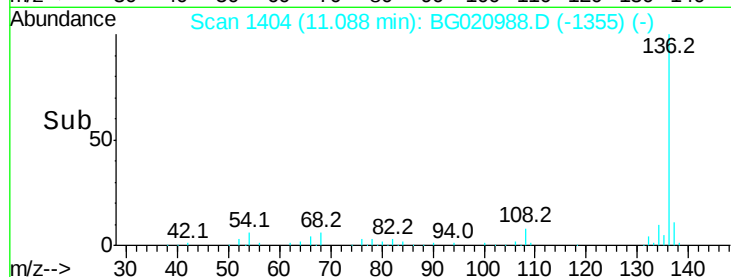
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	134527
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	5.8	5.0 7.4
68	5.8	5.2 7.8

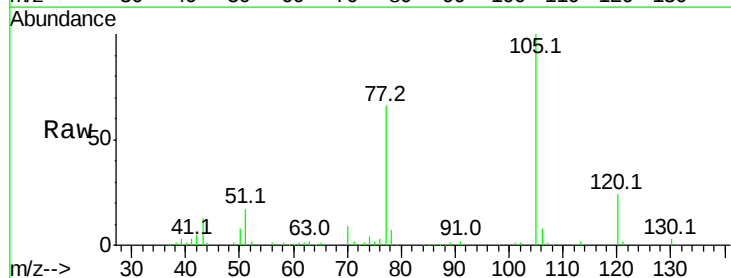


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

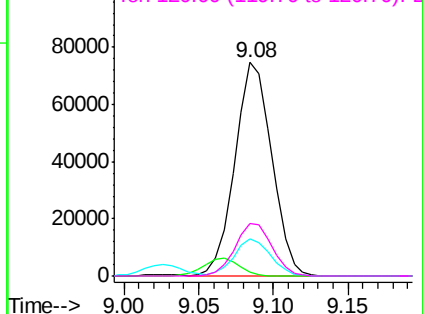
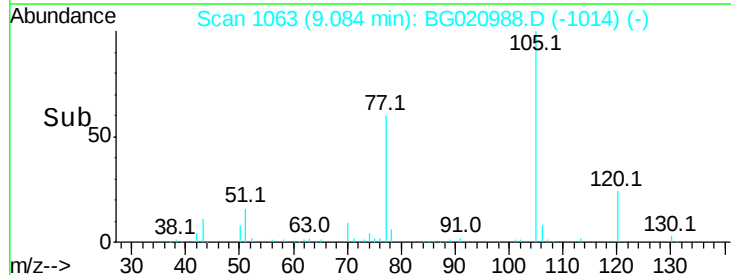


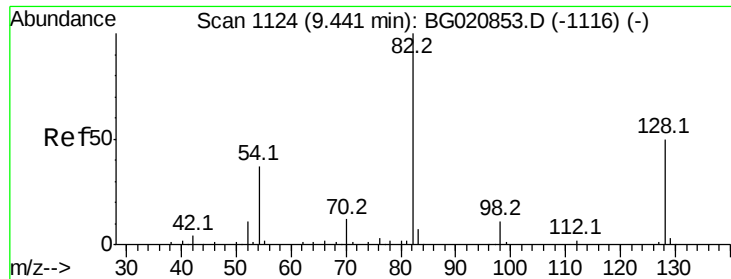
#22
Acetophenone
Concen: 39.58 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:105	Resp:	128339
Ion	Ratio	Lower Upper
105	100	
71	1.7	1.4 2.0
51	17.3	13.7 20.5
120	24.4	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

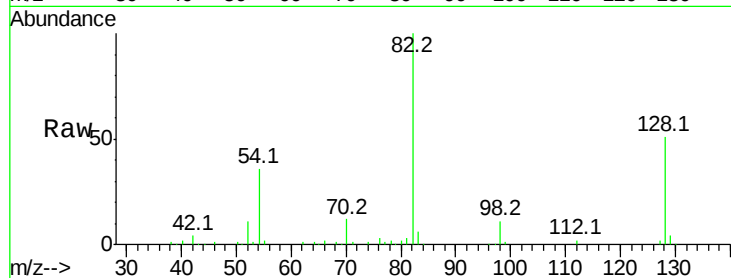




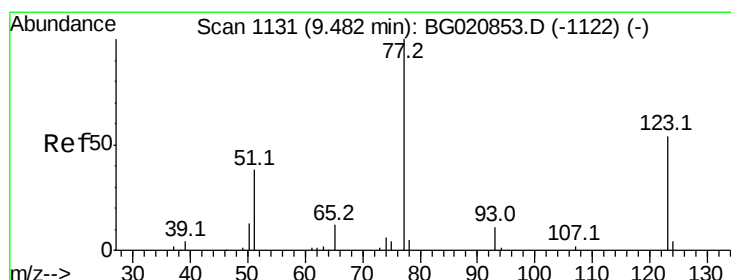
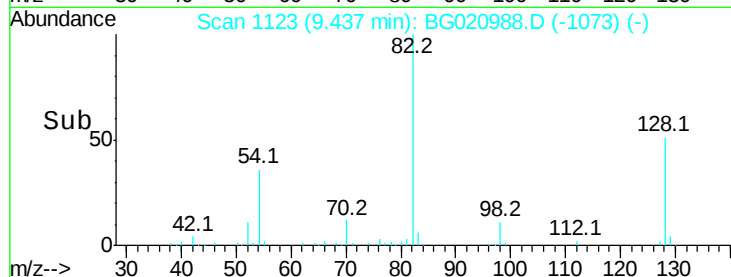
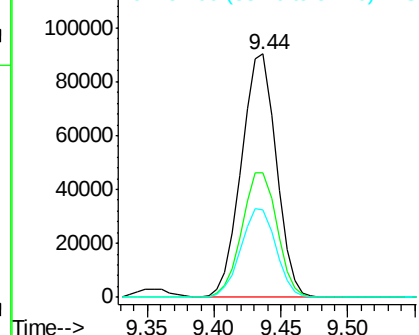
#23
Nitrobenzene-d5
Concen: 80.16 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 164014
Ion Ratio Lower Upper
82 100
128 51.4 40.1 60.1
54 35.7 29.5 44.3

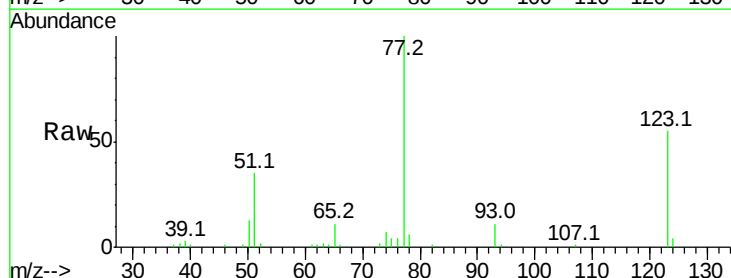


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

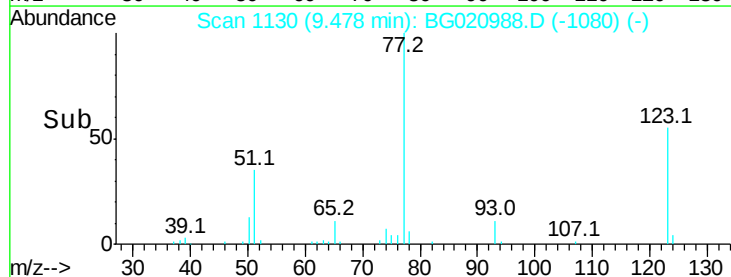
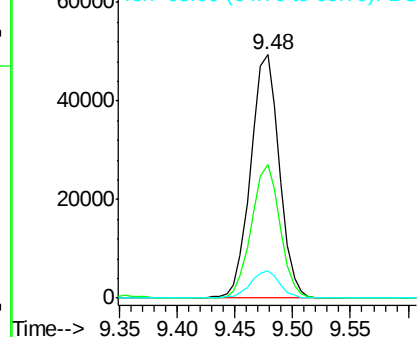


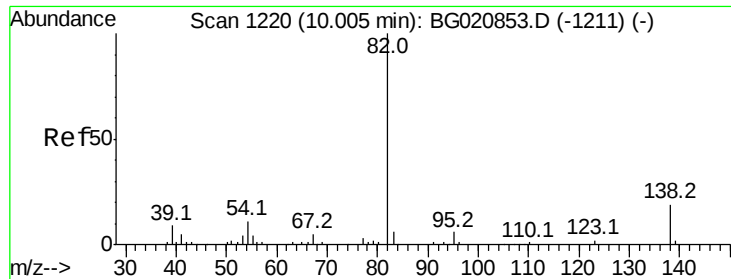
#24
Nitrobenzene
Concen: 40.14 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion: 77 Resp: 85605
Ion Ratio Lower Upper
77 100
123 54.6 43.2 64.8
65 11.4 9.2 13.8



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





#25

Isophorone

Concen: 39.37 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

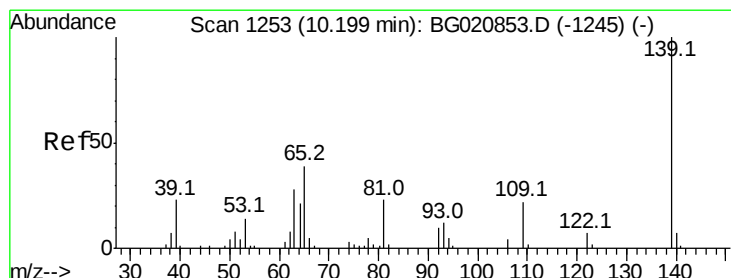
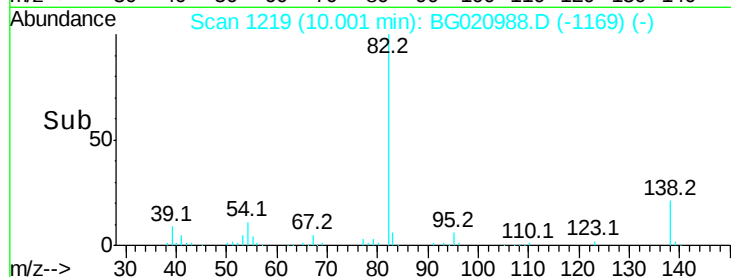
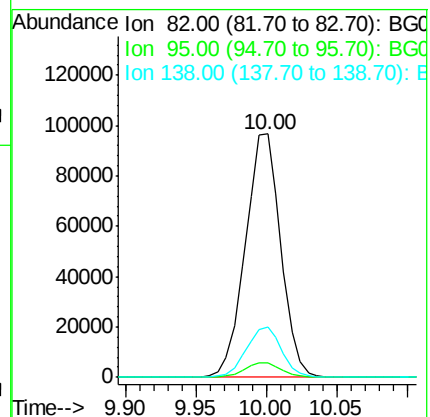
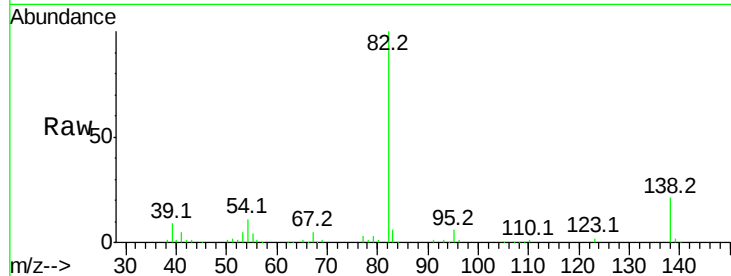
Tot Ion: 82 Resp: 169778

Ion Ratio Lower Upper

82 100

95 6.0 4.8 7.2

138 20.6 15.4 23.0



#26

2-Nitrophenol

Concen: 44.25 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

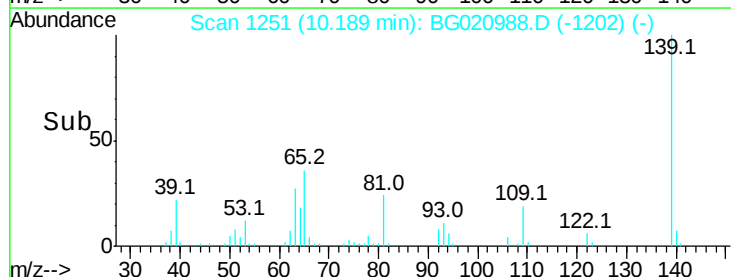
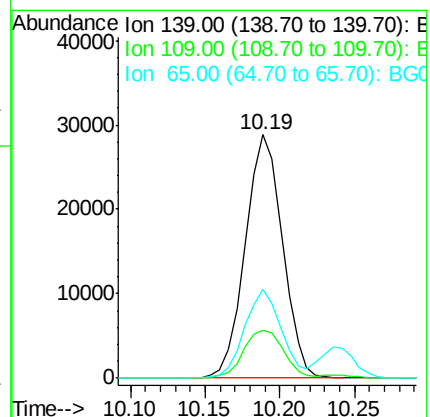
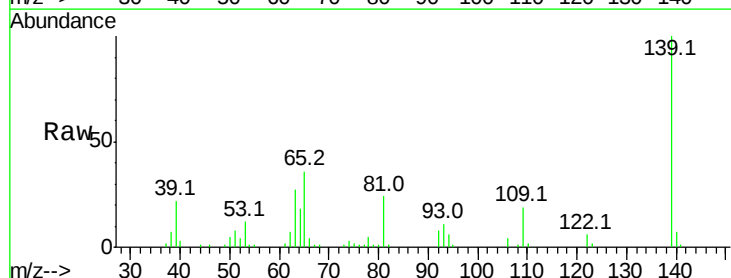
Tgt Ion: 139 Resp: 49666

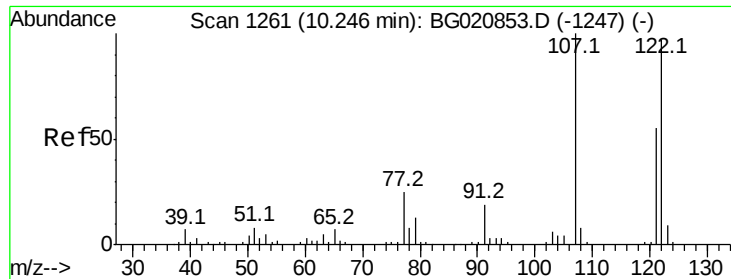
Ion Ratio Lower Upper

139 100

109 19.5 17.6 26.4

65 36.4 31.0 46.6

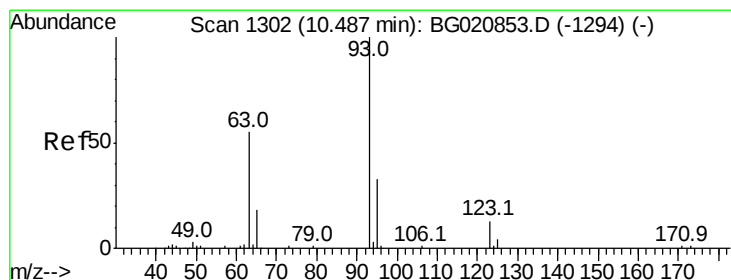
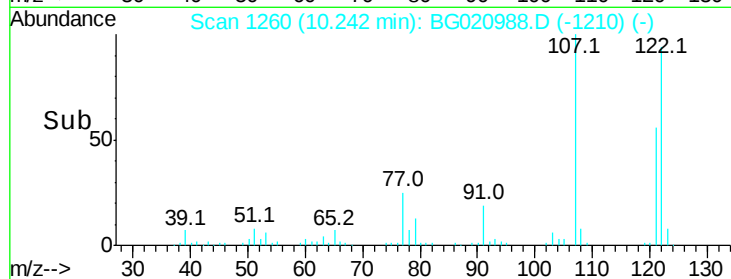
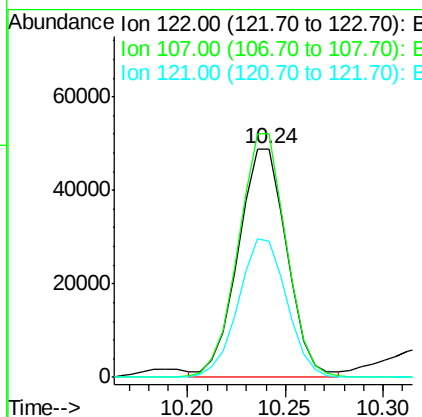
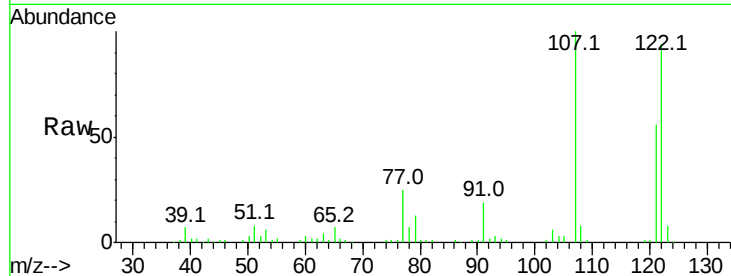




#27
 2,4-Dimethylphenol
 Concen: 39.39 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

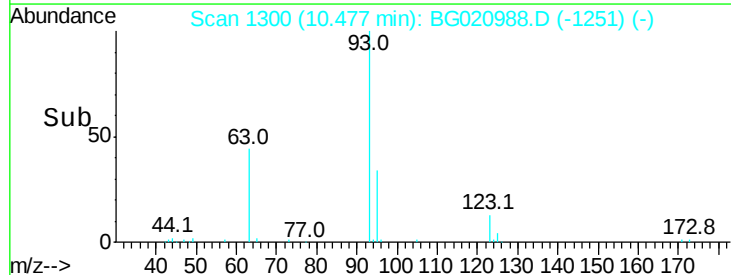
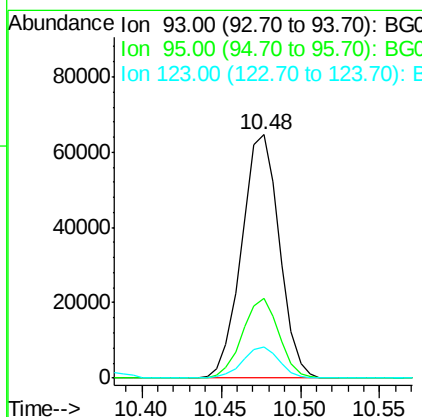
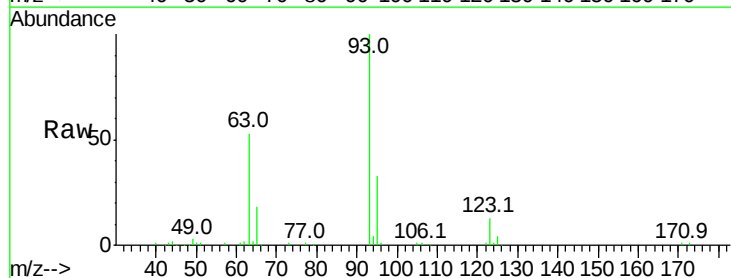
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

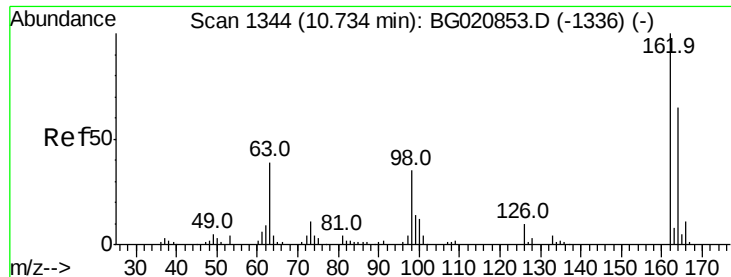
Tot Ion:122 Resp: 84724
 Ion Ratio Lower Upper
 122 100
 107 106.4 82.6 124.0
 121 59.4 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.17 ng
 RT: 10.48 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion: 93 Resp: 106754
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 13.0 10.0 15.0

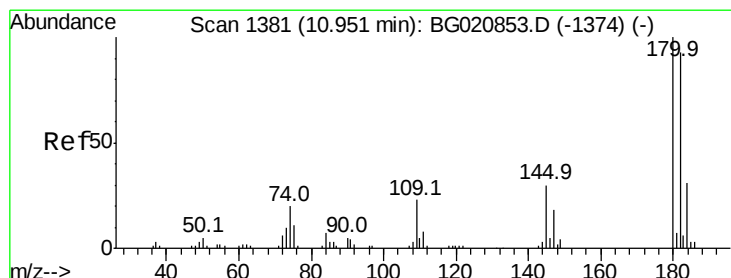
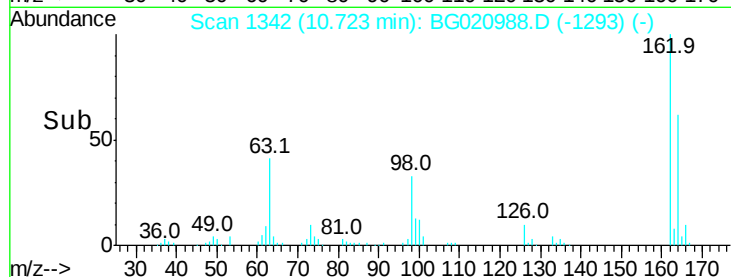
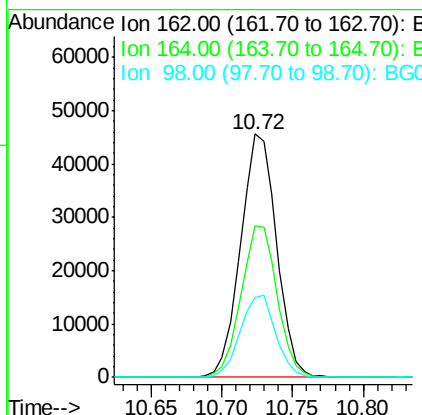
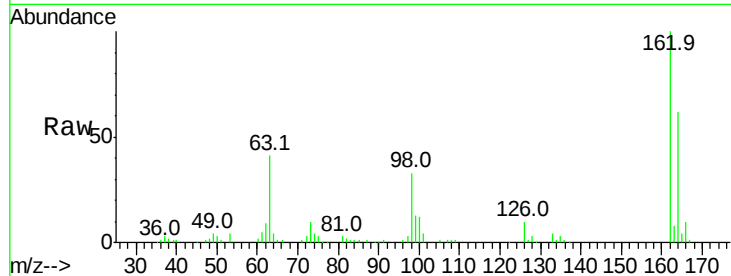




#29
 2,4-Dichlorophenol
 Concen: 42.23 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

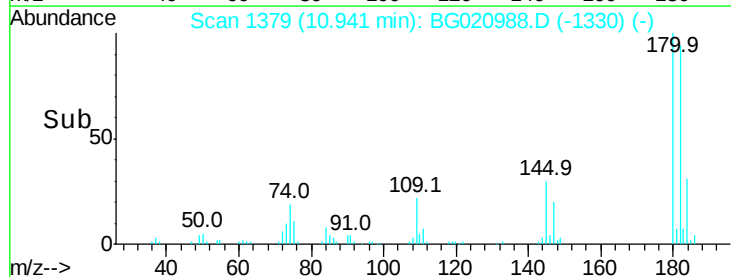
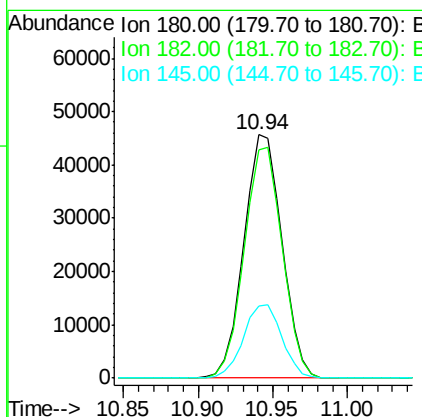
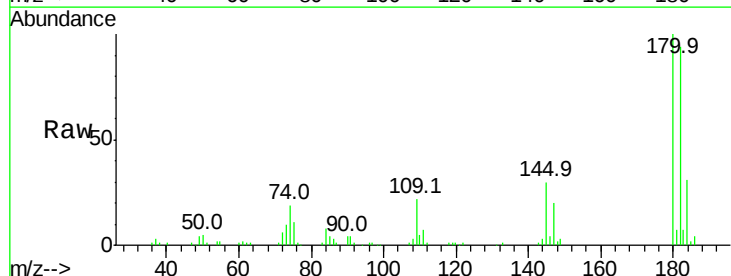
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

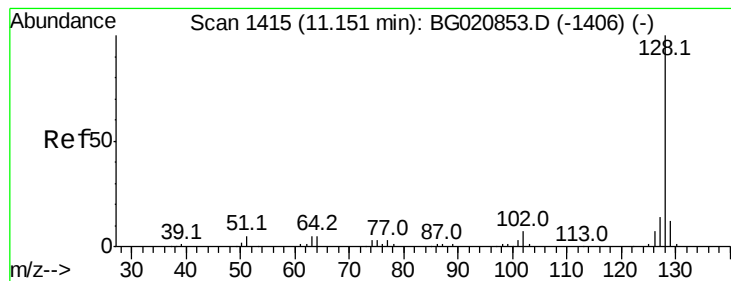
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.5	84.5
98	32.9	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.1	111.1
145	29.8	24.1	36.1





#31

Naphthalene

Concen: 40.29 ng

RT: 11.14 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

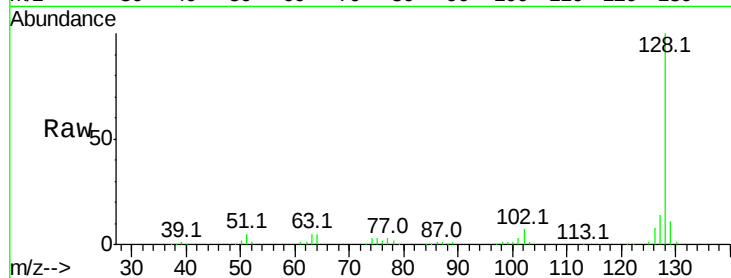
Tot Ion:128 Resp: 280395

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

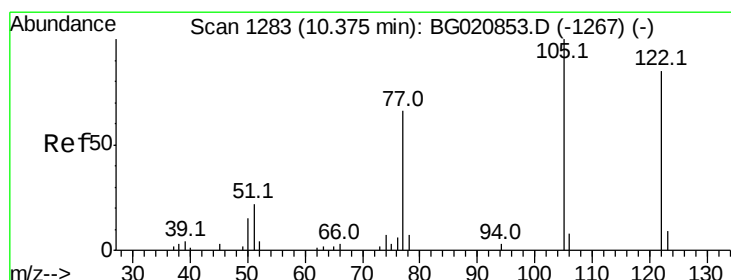
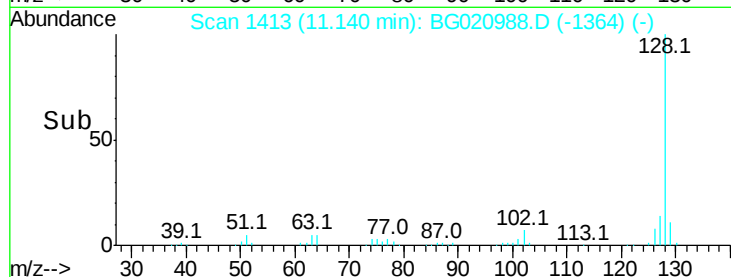
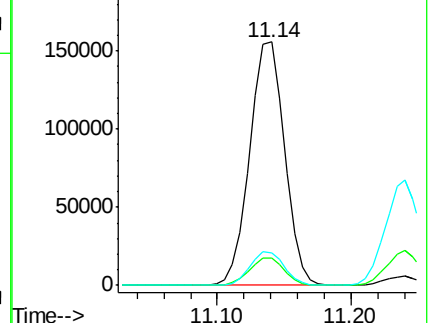
127 13.6 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.42 ng

RT: 10.38 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

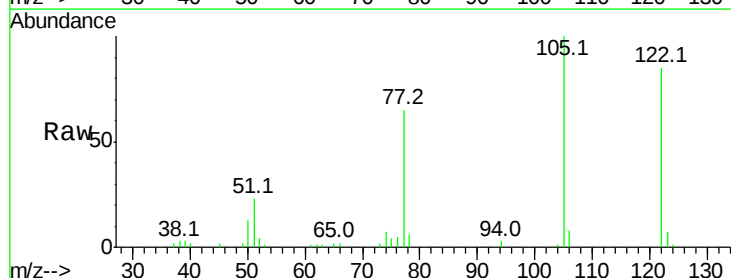
Tgt Ion:122 Resp: 69739

Ion Ratio Lower Upper

122 100

105 118.2 94.0 134.0

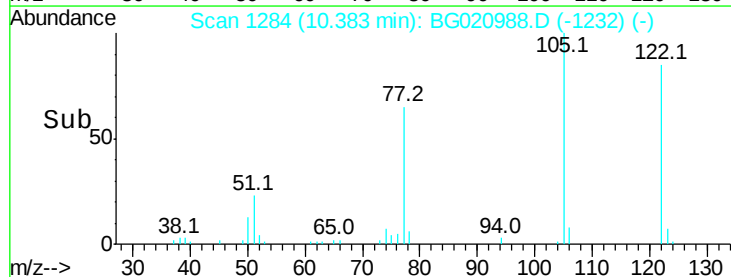
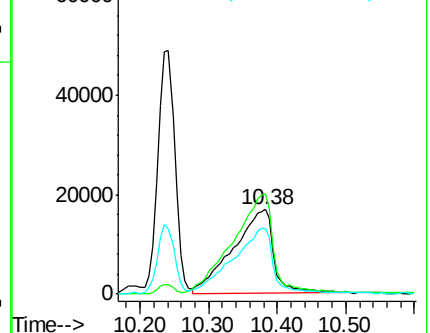
77 77.2 56.8 96.8

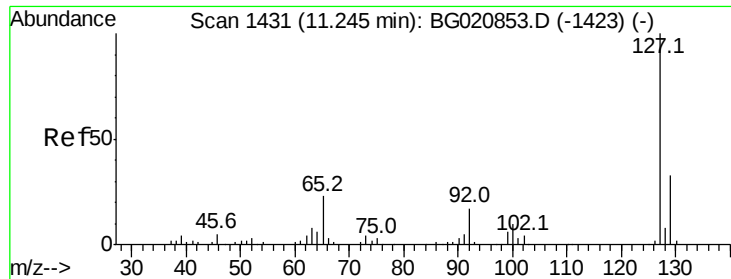


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

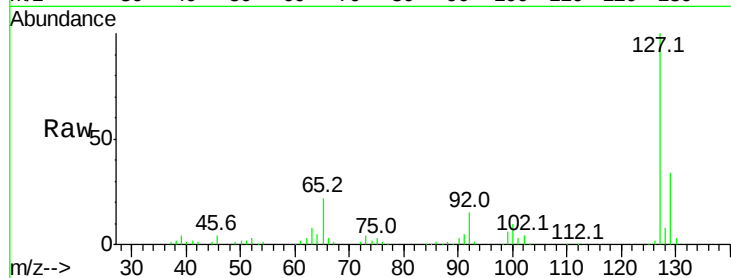




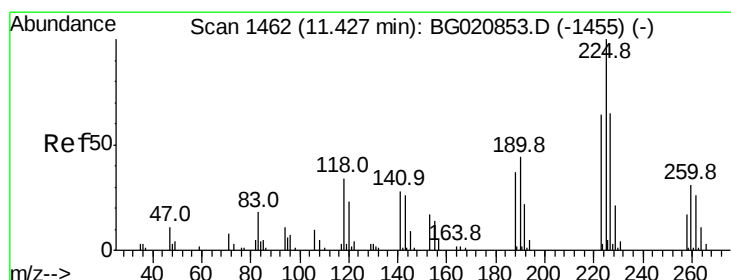
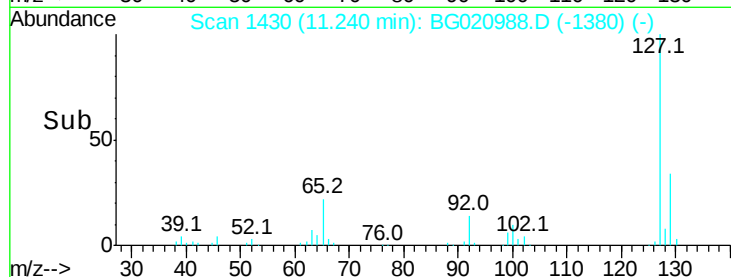
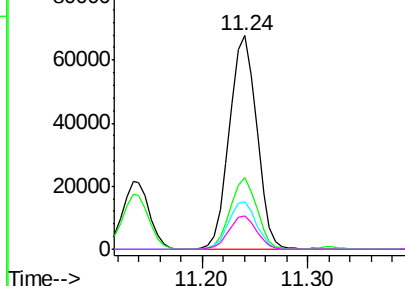
#33
4-Chloroaniline
Concen: 40.52 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	121311
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	22.3	18.6	27.8
92	15.3	13.3	19.9

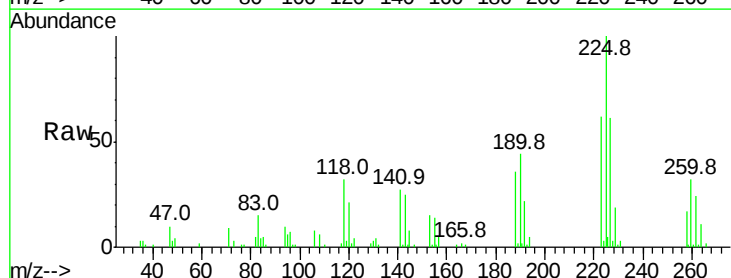


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

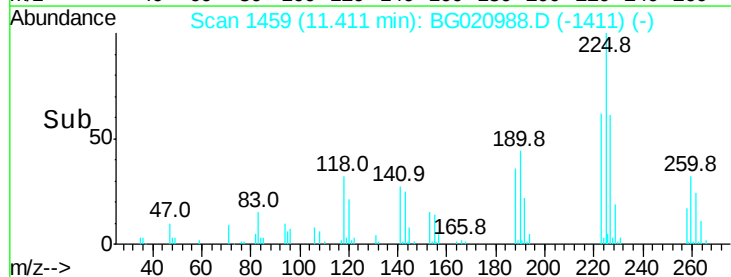
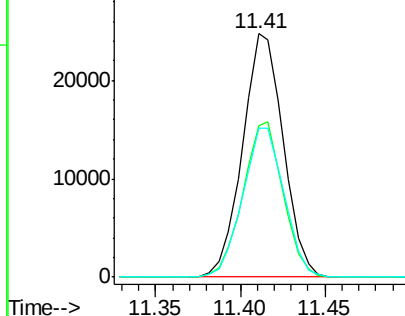


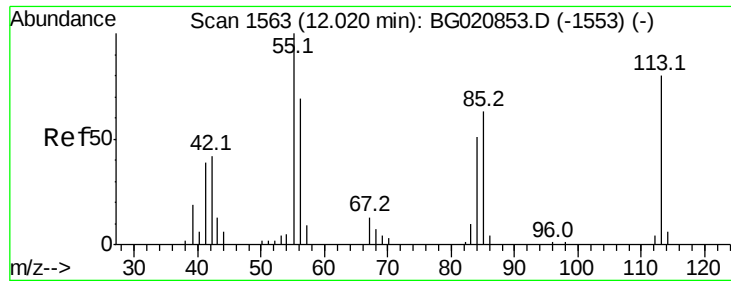
#34
Hexachlorobutadiene
Concen: 41.66 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:	225	Resp:	41227
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	61.1	51.7	77.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.85 ng

RT: 12.02 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

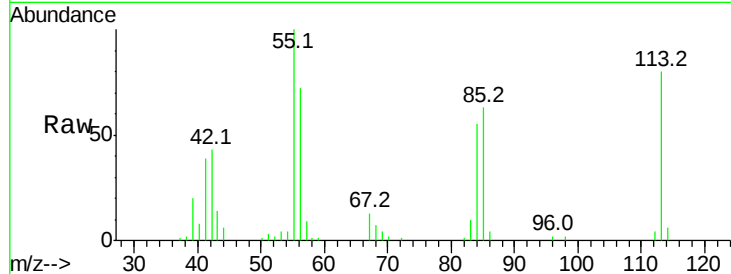
Tot Ion:113 Resp: 29437

Ion Ratio Lower Upper

113 100

55 124.6 104.4 144.4

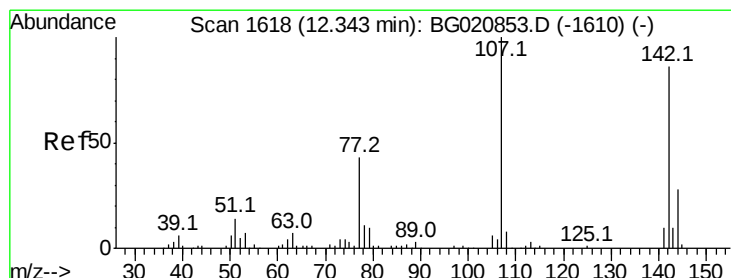
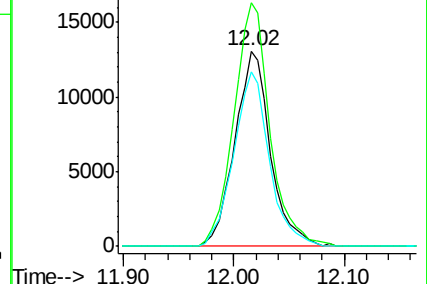
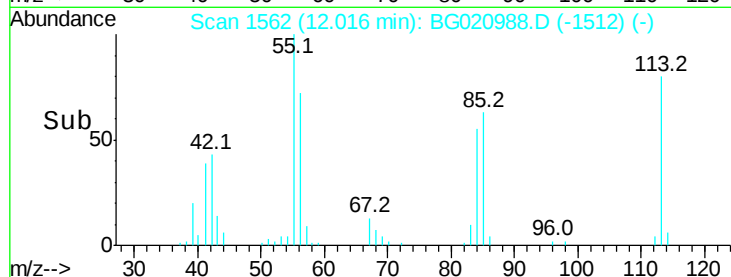
56 89.4 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.23 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

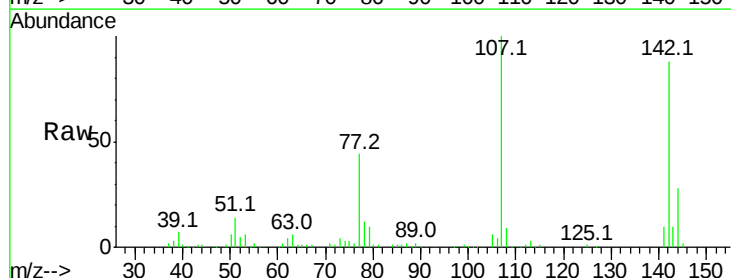
Tgt Ion:107 Resp: 88842

Ion Ratio Lower Upper

107 100

144 28.2 22.4 33.6

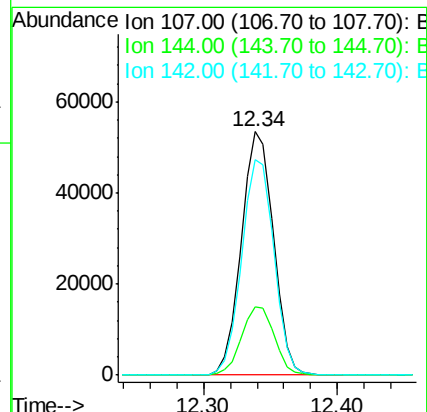
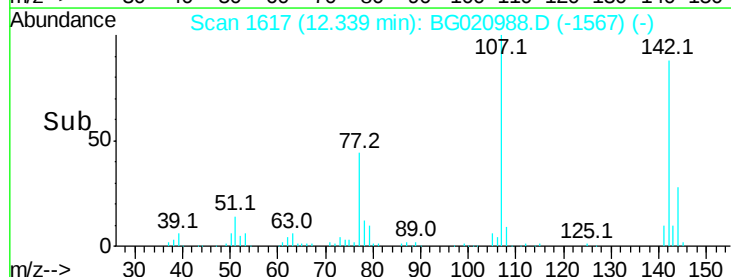
142 88.5 68.6 103.0

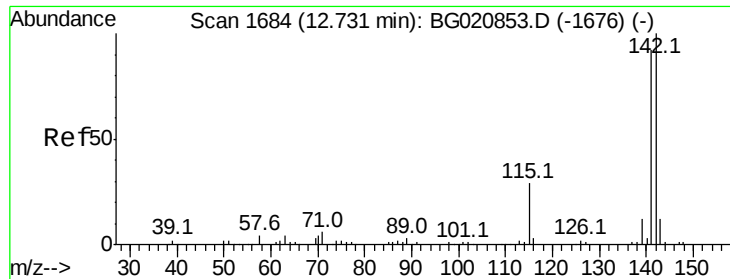


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

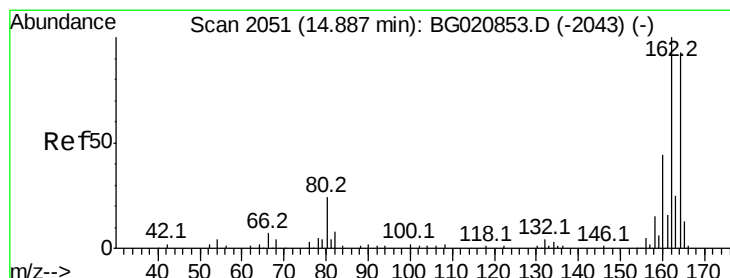
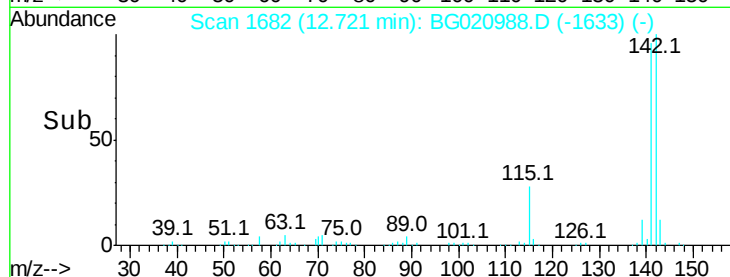
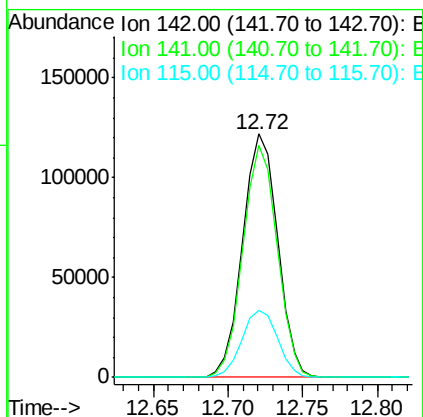
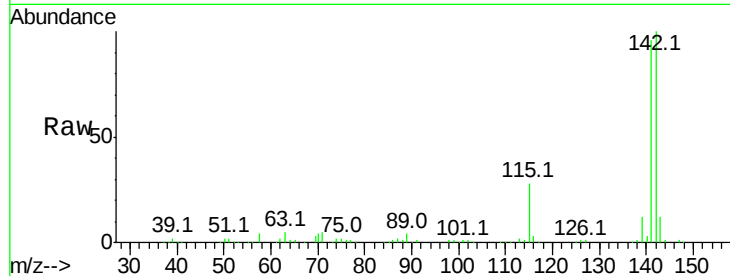




#37
 2-Methylnaphthalene
 Concen: 40.56 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

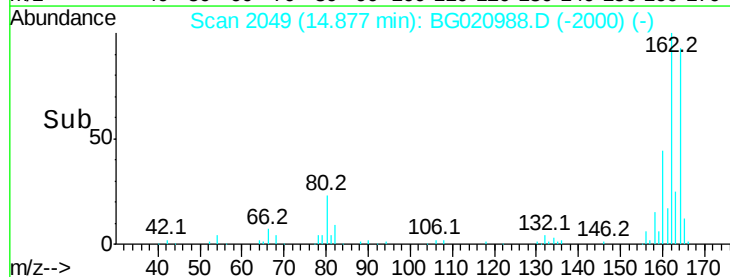
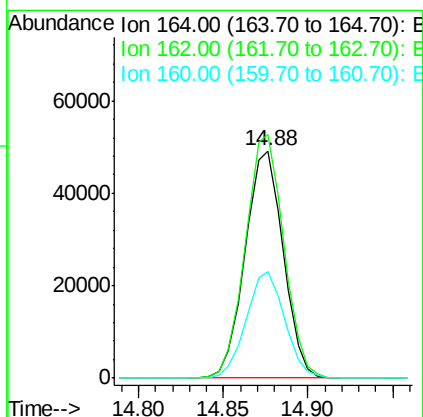
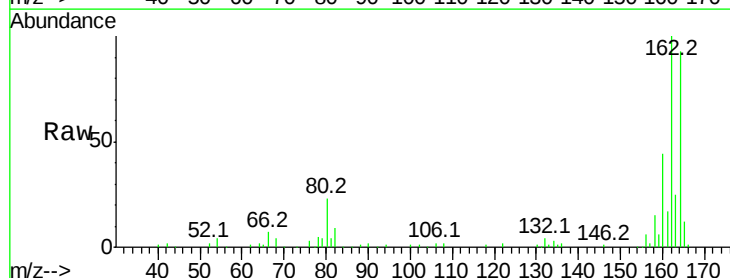
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

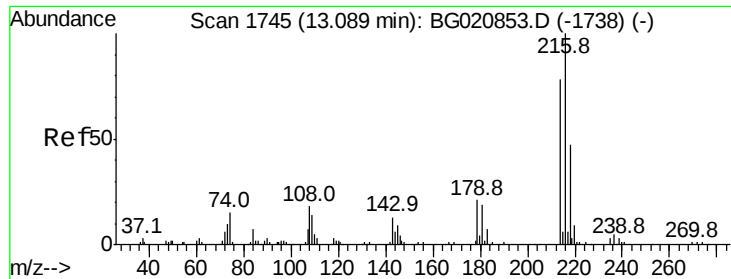
Tot Ion:142 Resp: 198034
 Ion Ratio Lower Upper
 142 100
 141 95.5 73.4 110.2
 115 27.7 23.0 34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:164 Resp: 76887
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.7 128.5
 160 46.7 37.4 56.0

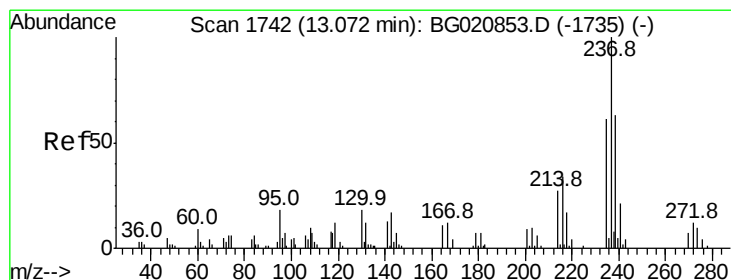
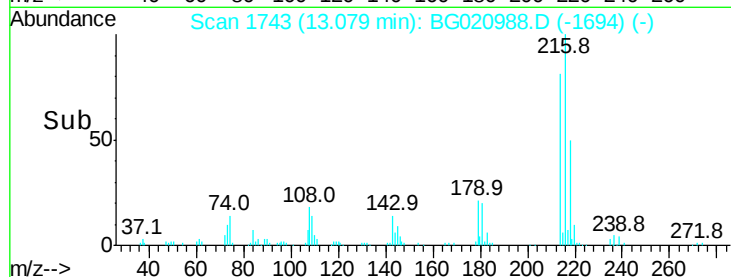
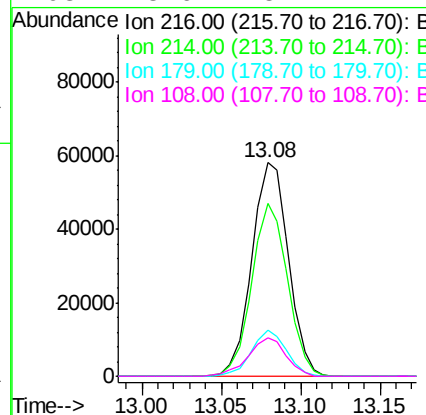
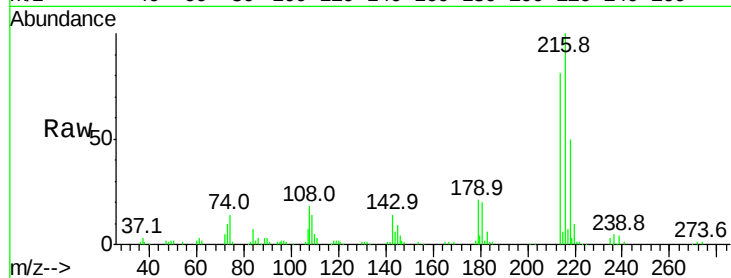




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.33 ng
 RT: 13.08 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

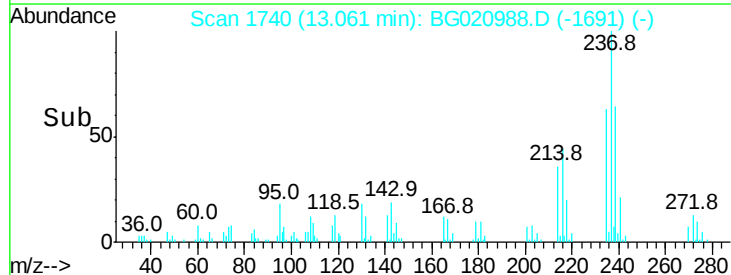
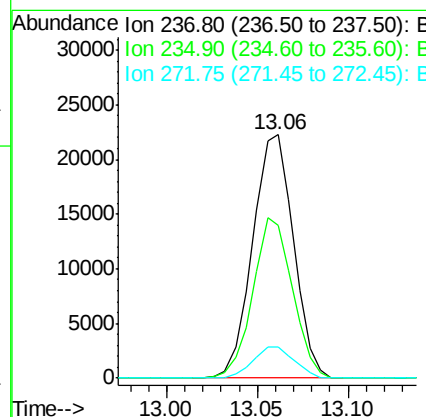
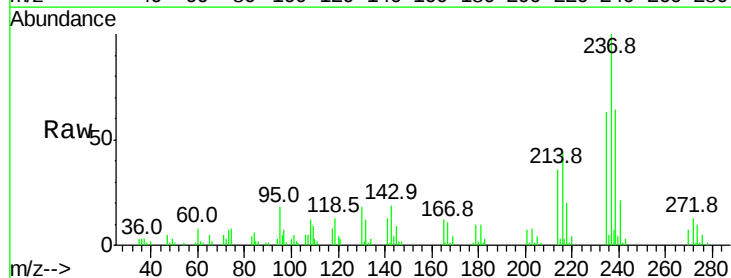
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

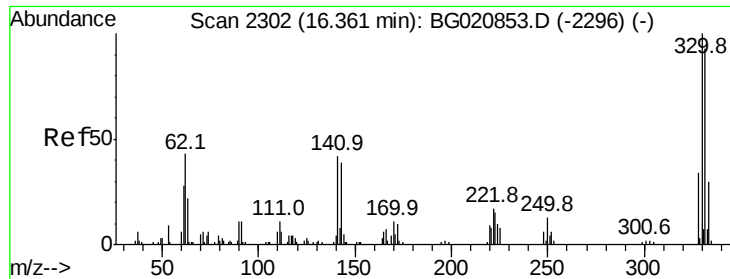
Tot Ion:	216	Resp:	93212
Ion	Ratio	Lower	Upper
216	100		
214	78.8	61.9	92.9
179	20.5	16.5	24.7
108	18.6	15.1	22.7



#40
 Hexachlorocyclopentadiene
 Concen: 35.08 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:	237	Resp:	34804
Ion	Ratio	Lower	Upper
237	100		
235	62.8	40.8	80.8
272	12.6	0.0	32.3

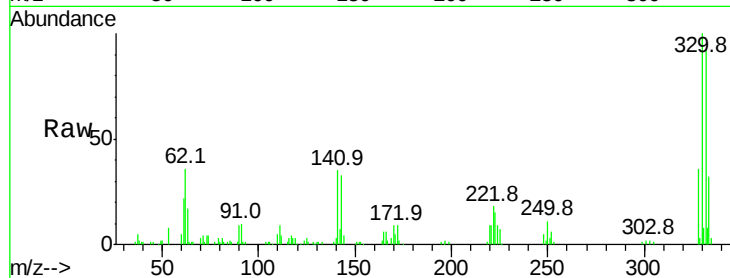




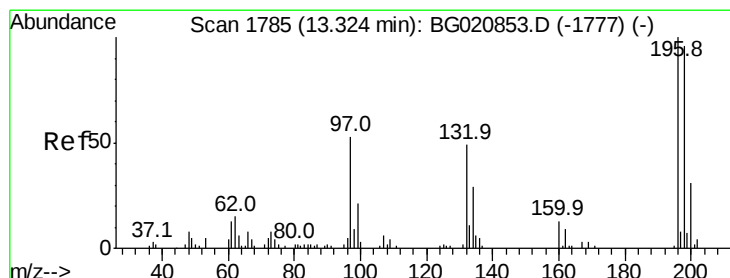
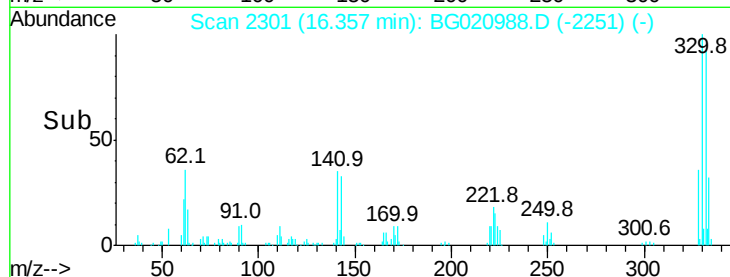
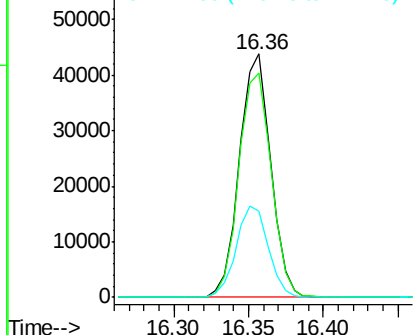
#41
 2,4,6-Tribromophenol
 Concen: 84.44 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.1	114.1
141	38.3	32.0	48.0

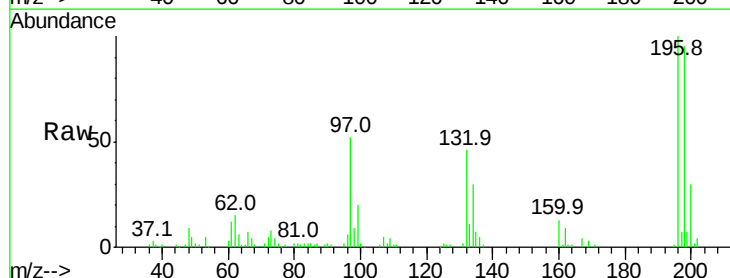


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

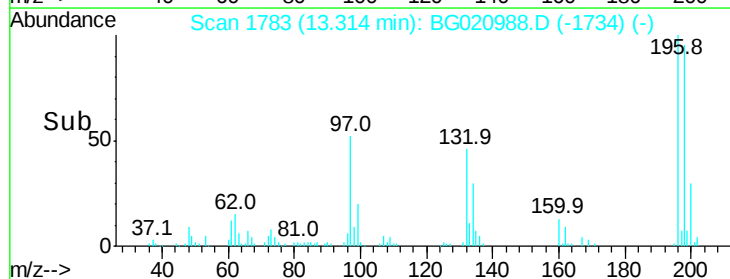
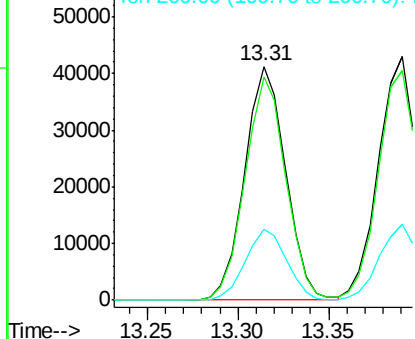


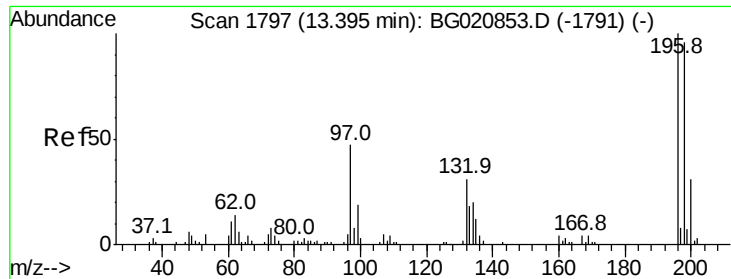
#42
 2,4,6-Trichlorophenol
 Concen: 42.68 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.1	115.7
200	30.5	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

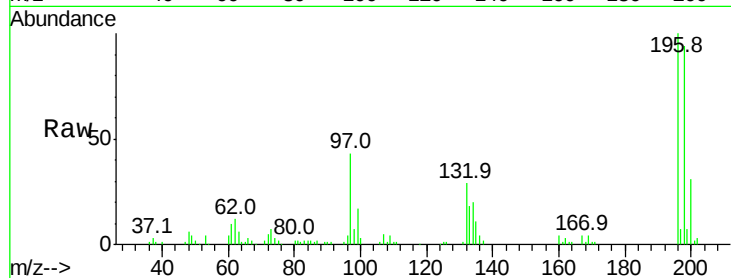




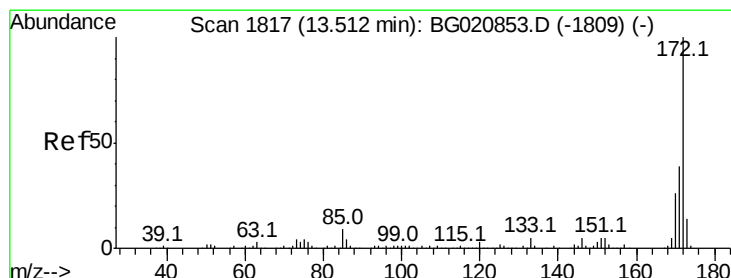
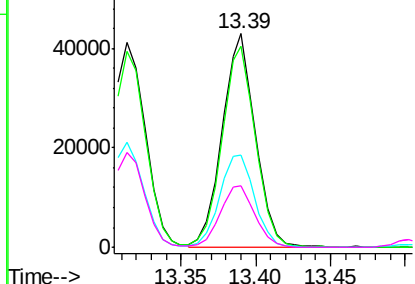
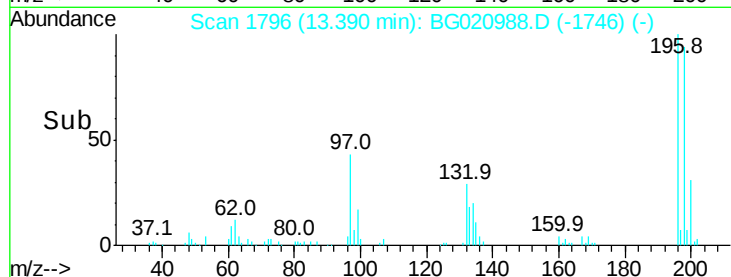
#43
2,4,5-Trichlorophenol
Concen: 41.86 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 66676
Ion Ratio Lower Upper
196 100
198 94.3 76.4 114.6
97 43.3 37.4 56.0
132 28.6 24.7 37.1

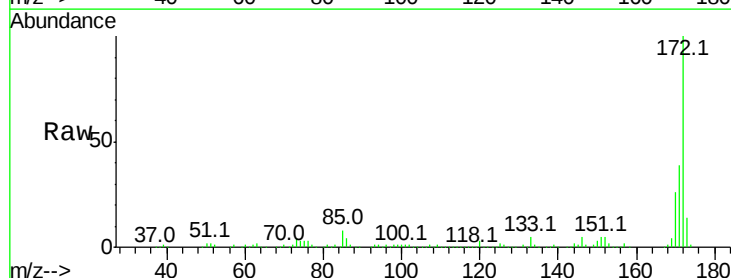


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

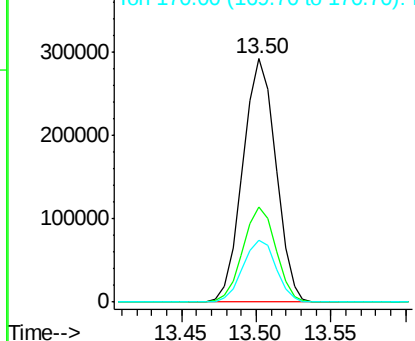
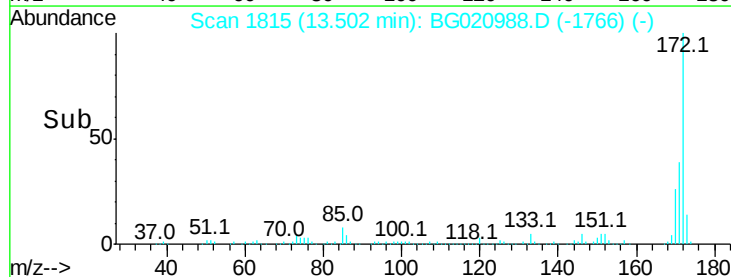


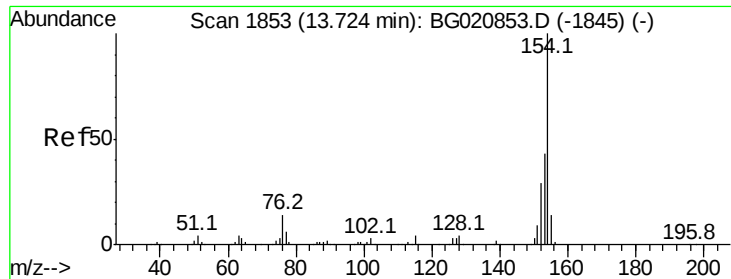
#44
2-Fluorobiphenyl
Concen: 81.89 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:172 Resp: 448220
Ion Ratio Lower Upper
172 100
171 39.1 31.2 46.8
170 25.6 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: 40.44 ng

RT: 13.71 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

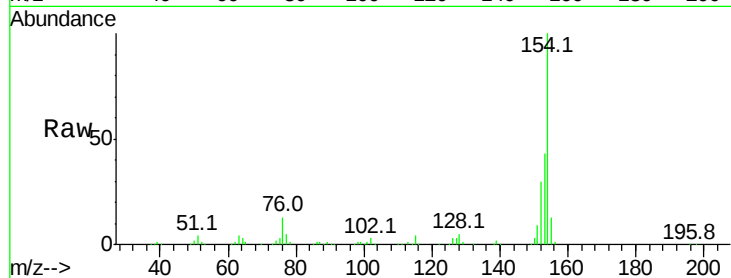
Tot Ion:154 Resp: 274334

Ion Ratio Lower Upper

154 100

153 43.2 22.5 62.5

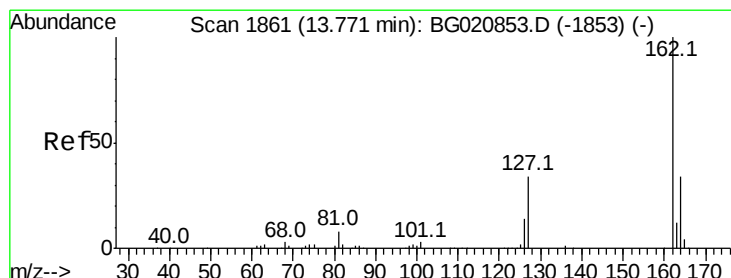
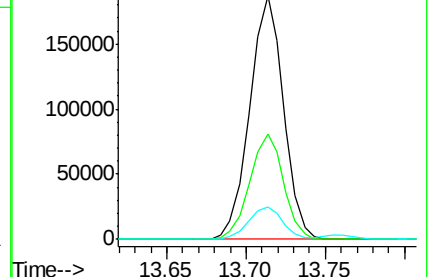
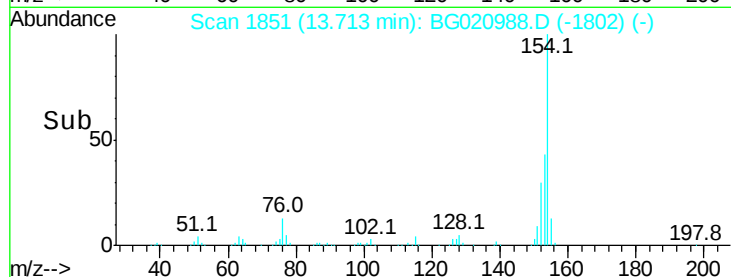
76 13.4 0.0 33.8



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): BGC



#46

2-Chloronaphthalene

Concen: 40.70 ng

RT: 13.76 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

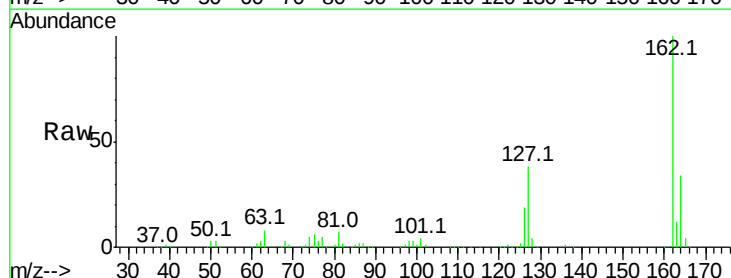
Tgt Ion:162 Resp: 197631

Ion Ratio Lower Upper

162 100

127 37.6 30.6 45.8

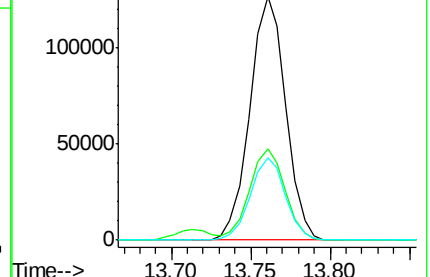
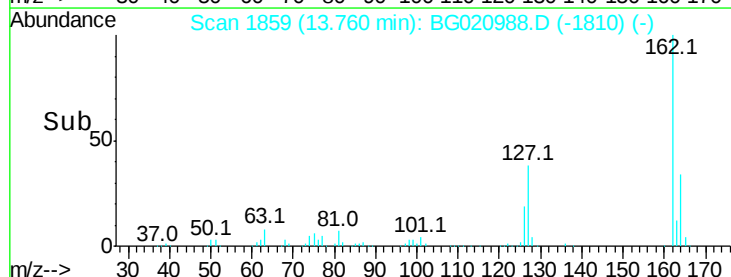
164 33.7 26.8 40.2

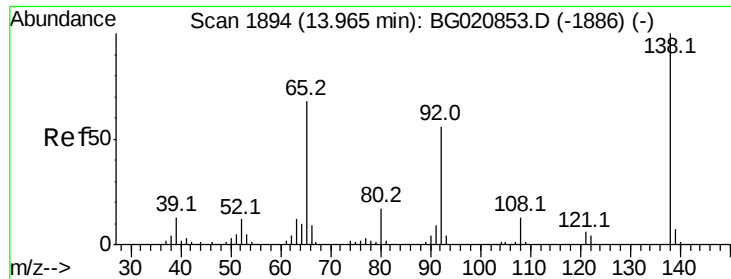


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.43 ng

RT: 13.95 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

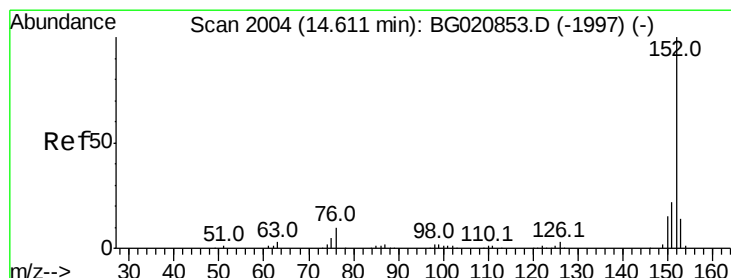
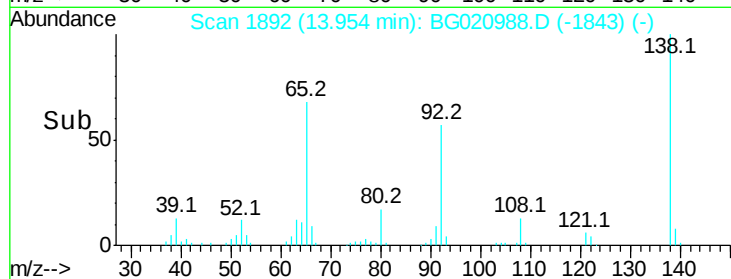
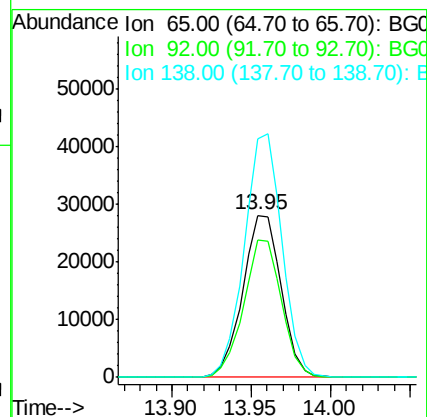
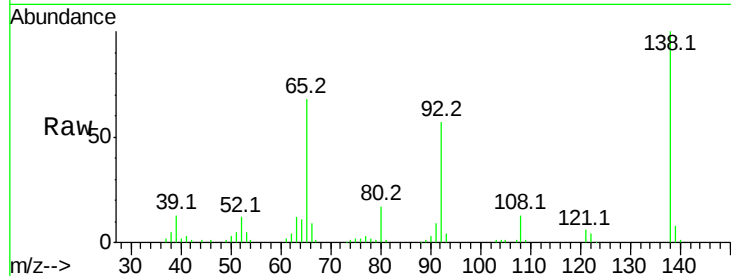
Tot Ion: 65 Resp: 47018

Ion Ratio Lower Upper

65 100

92 84.5 65.8 98.8

138 147.6 117.1 175.7



#48

Acenaphthylene

Concen: 40.93 ng

RT: 14.60 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

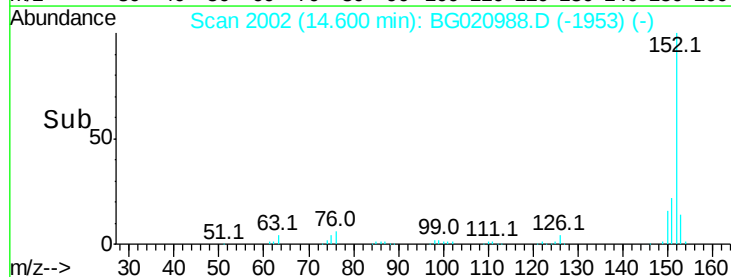
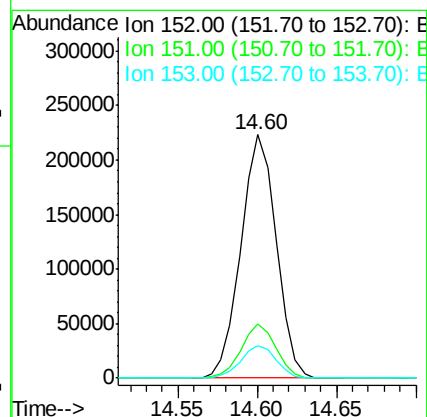
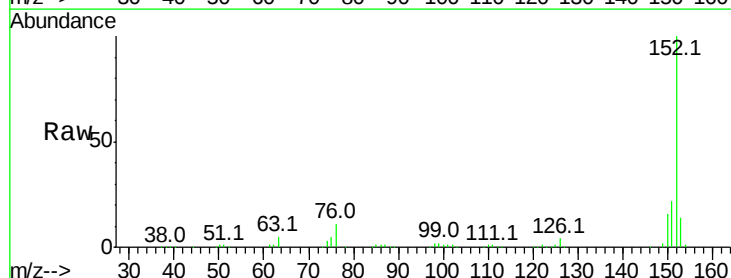
Tgt Ion: 152 Resp: 345560

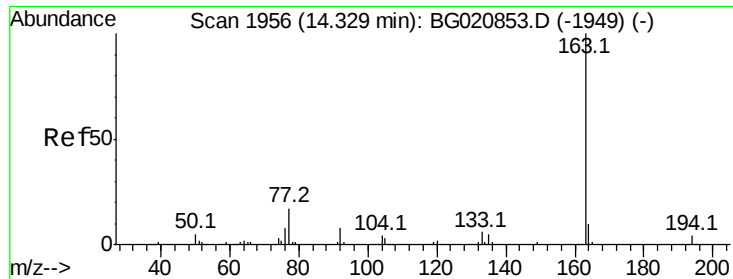
Ion Ratio Lower Upper

152 100

151 22.3 17.5 26.3

153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 40.98 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

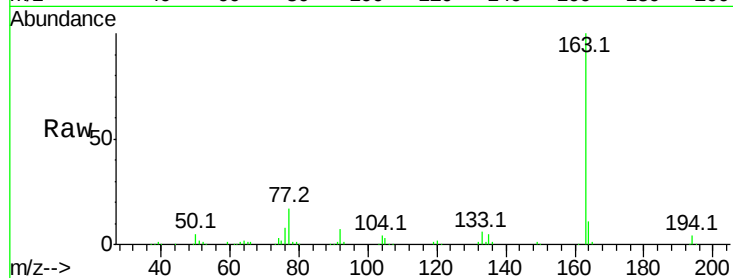
Tot Ion:163 Resp: 246353

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

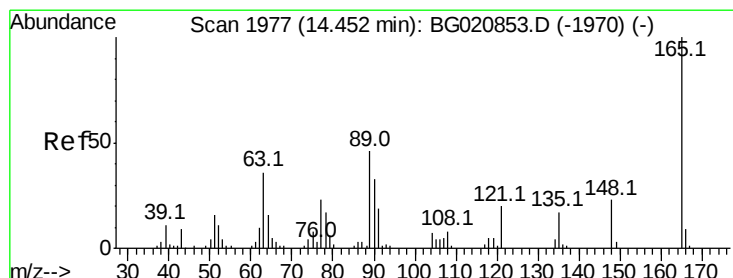
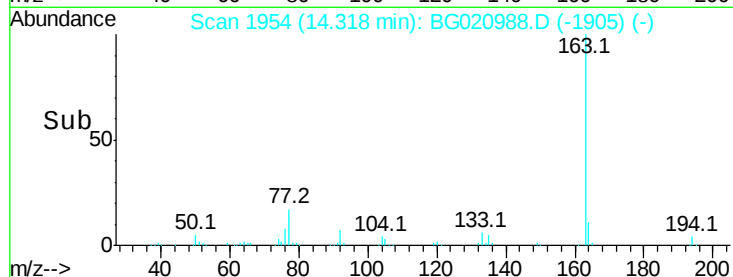
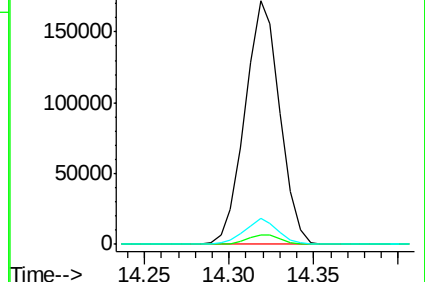
164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.97 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

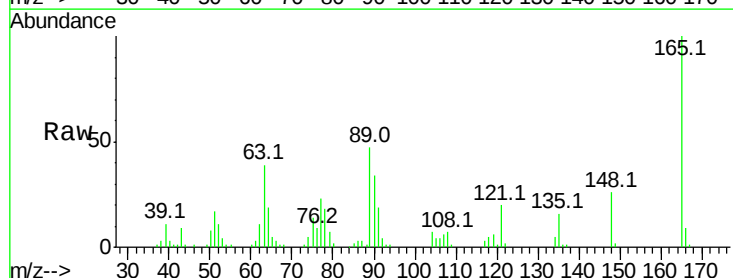
Tgt Ion:165 Resp: 52783

Ion Ratio Lower Upper

165 100

63 39.3 30.3 45.5

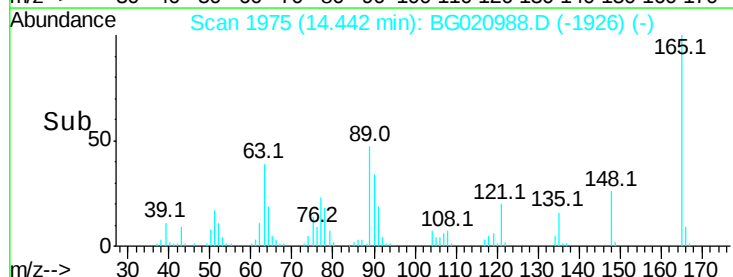
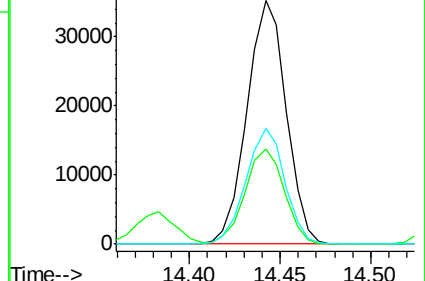
89 47.5 36.9 55.3

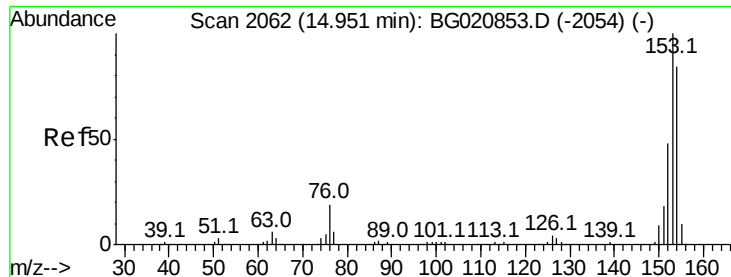


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.81 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

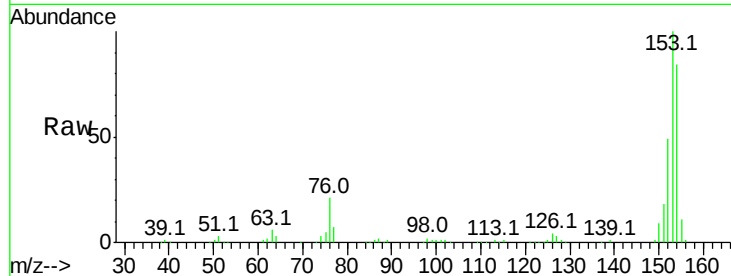
Tot Ion:154 Resp: 208928

Ion Ratio Lower Upper

154 100

153 118.4 95.4 143.0

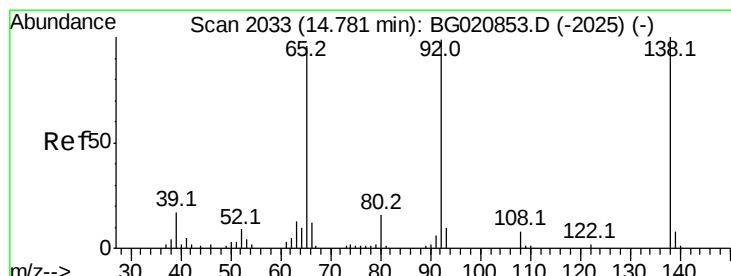
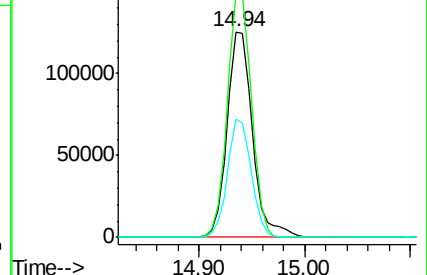
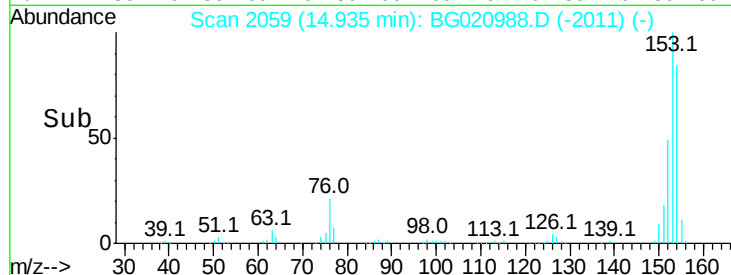
152 57.7 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.22 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

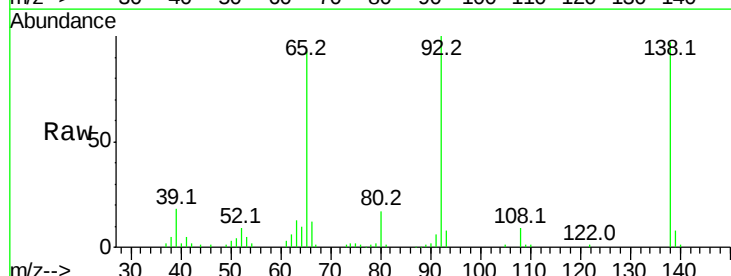
Tgt Ion:138 Resp: 60210

Ion Ratio Lower Upper

138 100

108 8.9 6.2 9.2

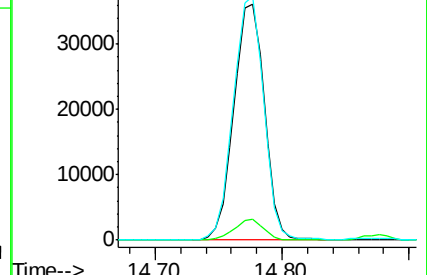
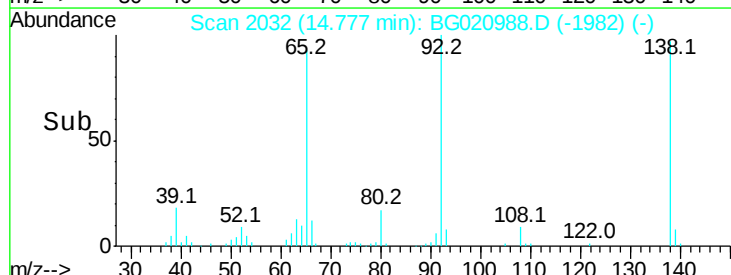
92 103.1 79.5 119.3

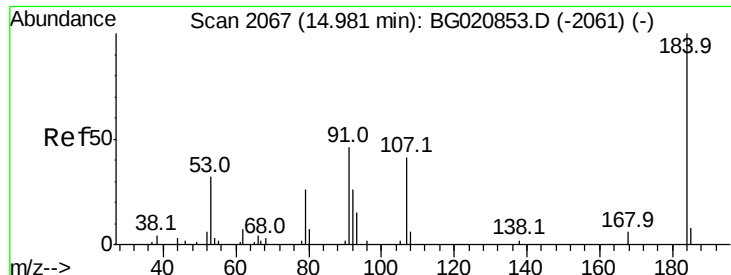


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

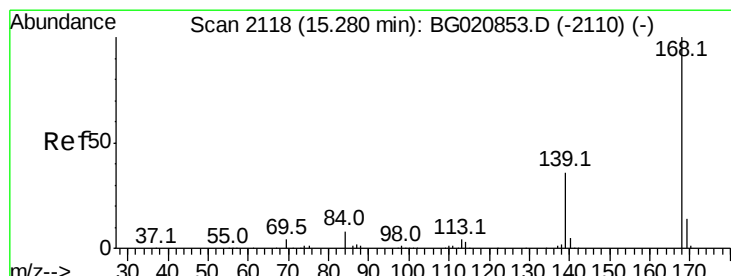
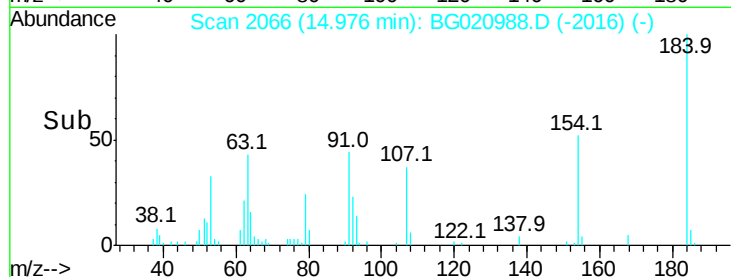
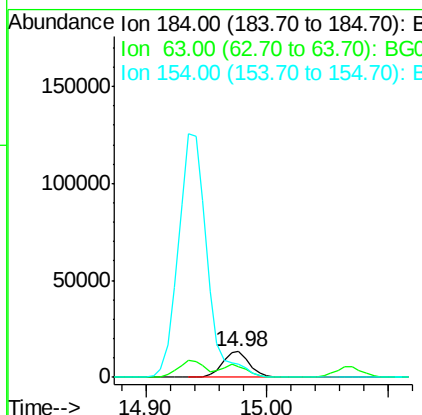
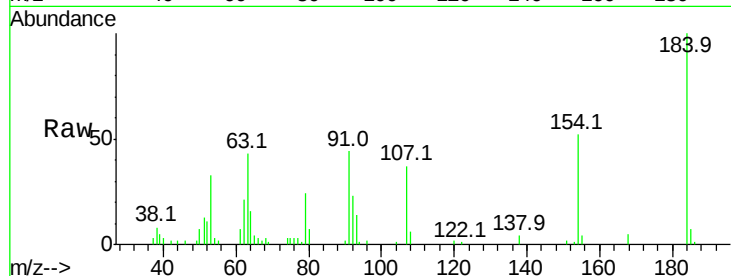




#53
 2,4-Dinitrophenol
 Concen: 42.35 ng
 RT: 14.98 min Scan# 2066
 Delta R.T. -0.00 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

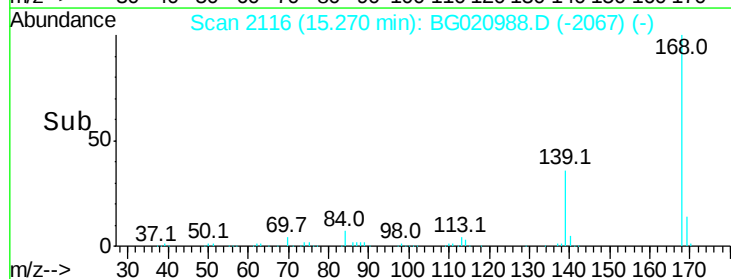
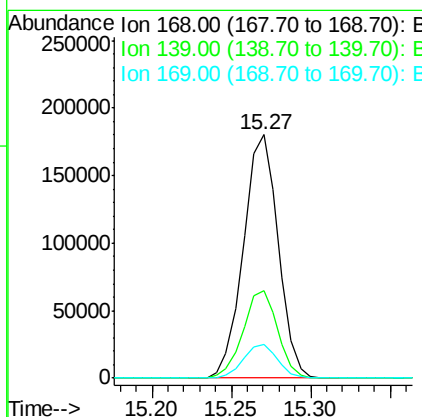
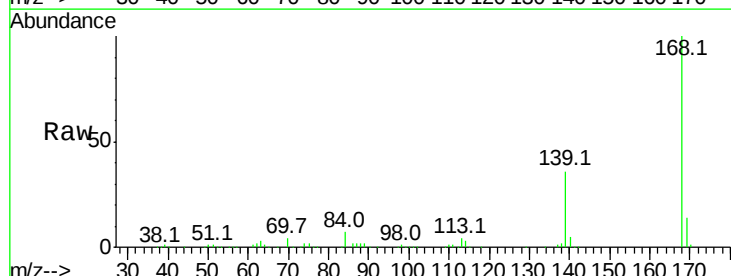
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

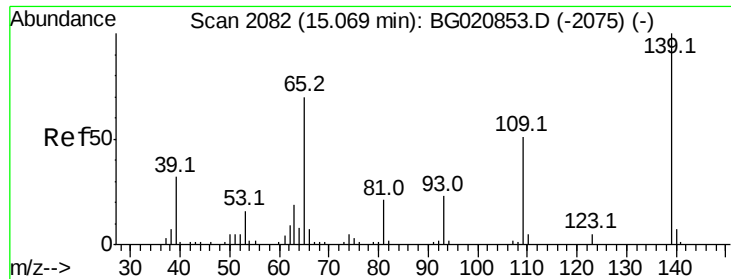
Tot Ion:184 Resp: 20719
 Ion Ratio Lower Upper
 184 100
 63 43.4 39.8 59.6
 154 51.8 48.1 72.1



#54
 Dibenzofuran
 Concen: 40.42 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:168 Resp: 273722
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.5 42.7
 169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 41.69 ng

RT: 15.07 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

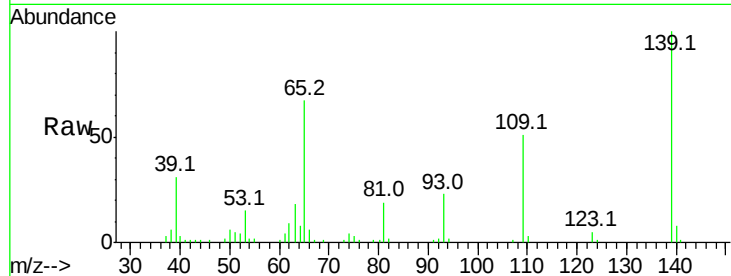
Tot Ion:139 Resp: 47139

Ion Ratio Lower Upper

139 100

109 50.6 31.0 71.0

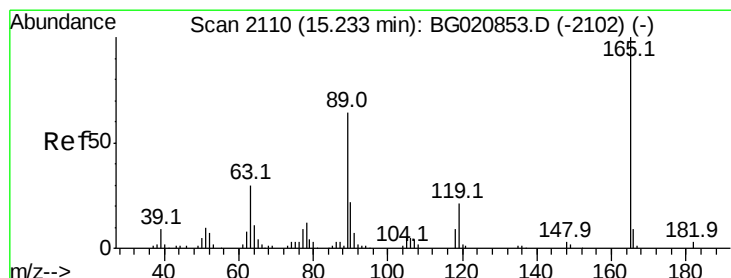
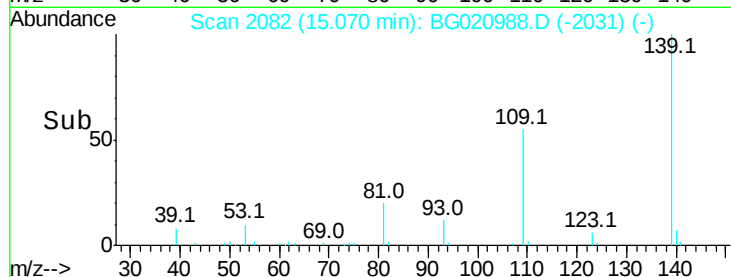
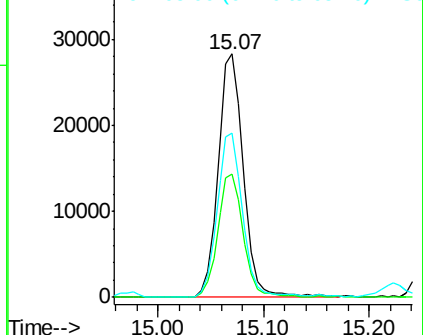
65 67.4 49.6 89.6



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: 42.93 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Tgt Ion:165 Resp: 71489

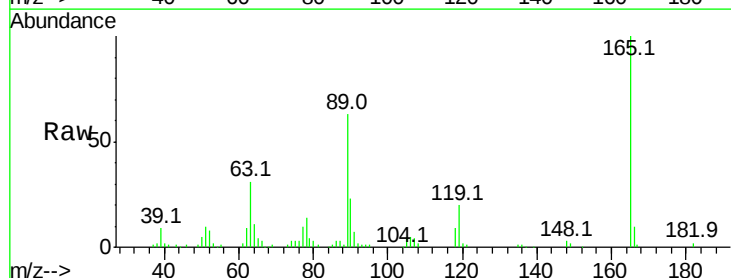
Ion Ratio Lower Upper

165 100

63 31.1 23.7 35.5

89 62.6 50.9 76.3

182 2.4 2.2 3.2

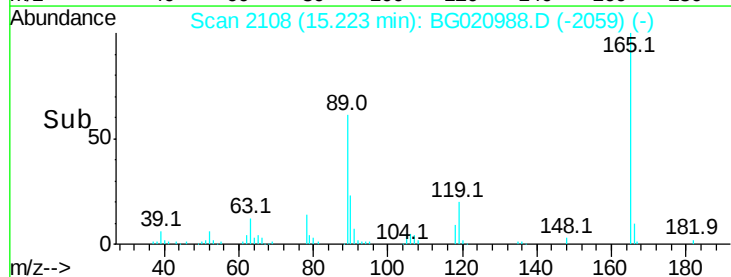
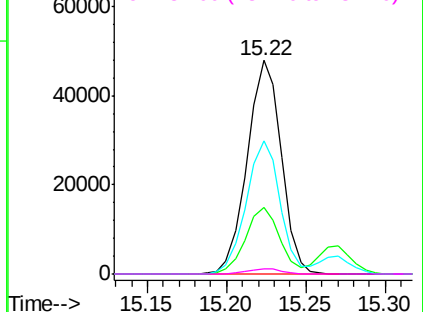


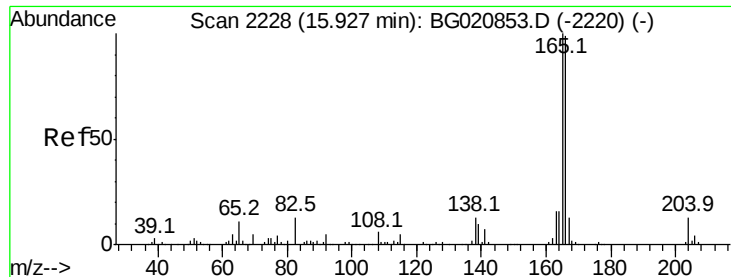
Abundance Ion 165.00 (164.70 to 165.70): E

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

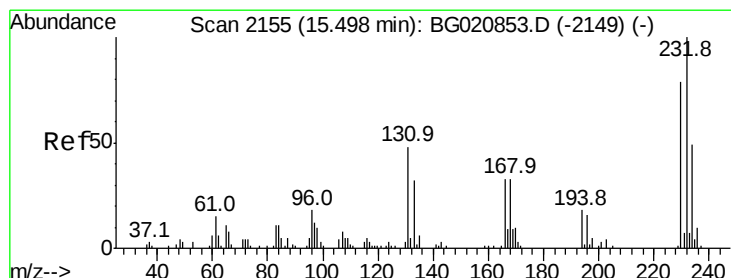
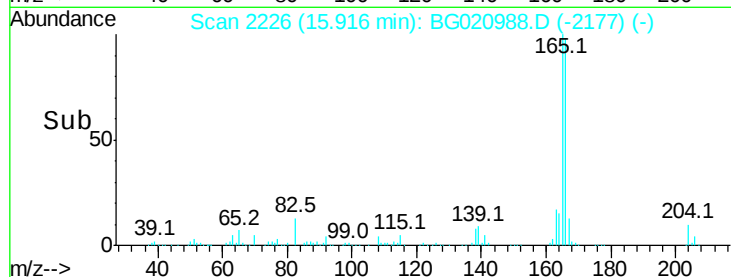
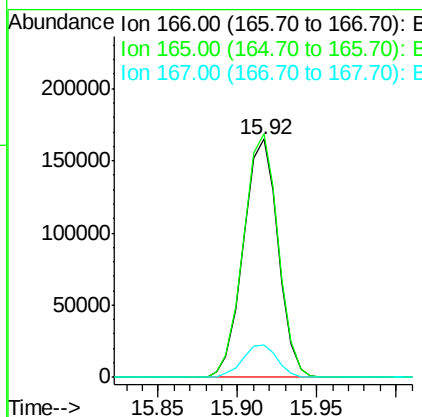
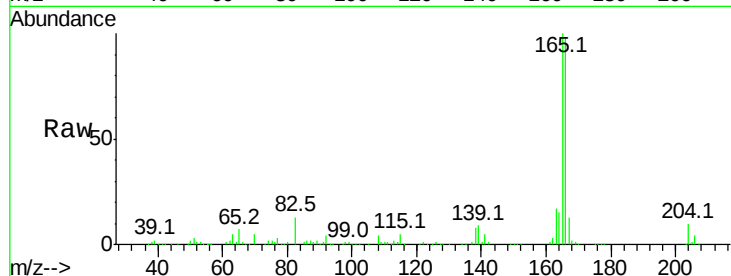




#57
Fluorene
 Concen: 40.09 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

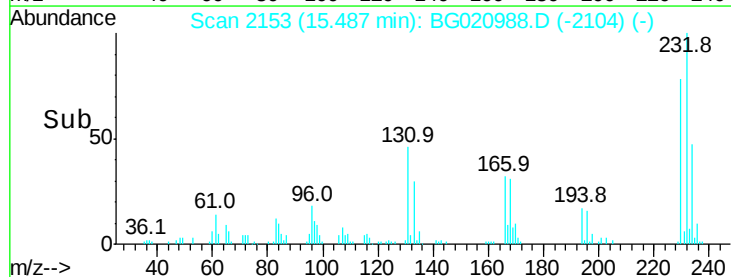
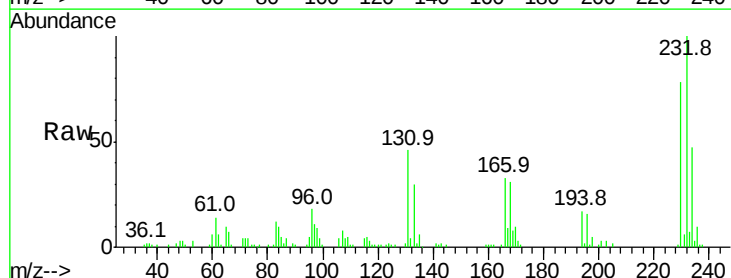
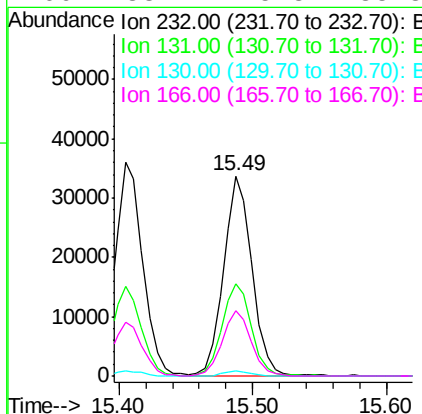
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

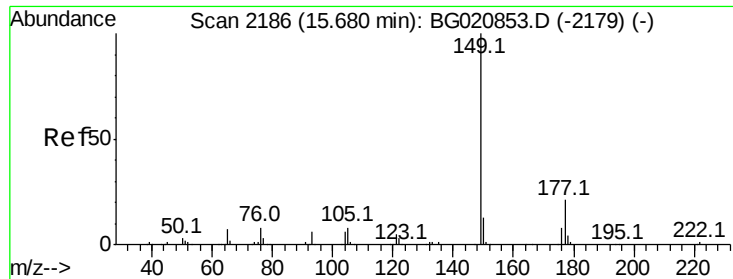
Tot Ion:166 Resp: 250006
 Ion Ratio Lower Upper
 166 100
 165 102.2 81.0 121.4
 167 13.8 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.43 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:232 Resp: 50291
 Ion Ratio Lower Upper
 232 100
 131 47.6 39.2 58.8
 130 2.3 2.0 3.0
 166 33.1 25.8 38.8

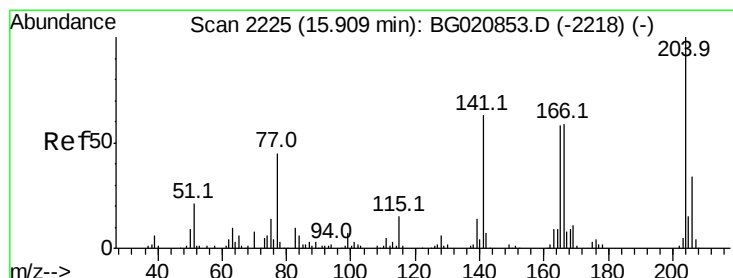
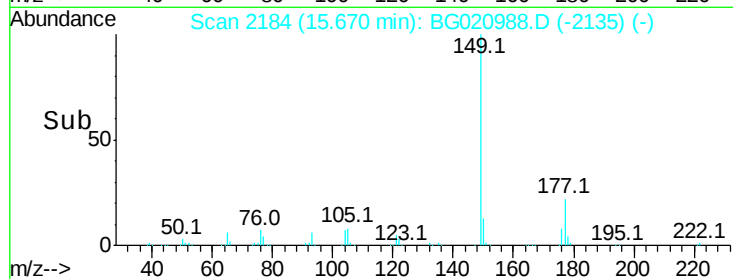
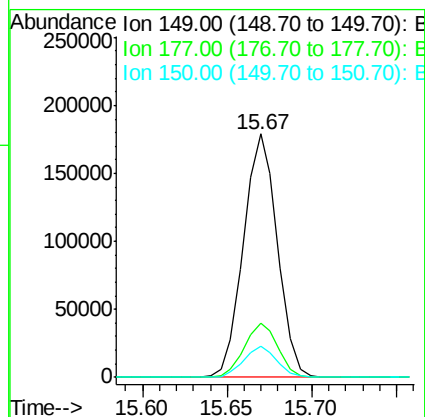
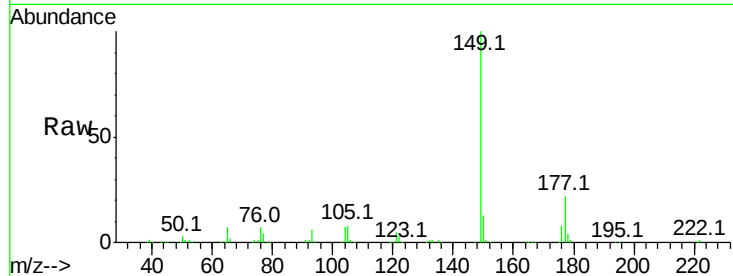




#59
Diethylphthalate
Concen: 40.40 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

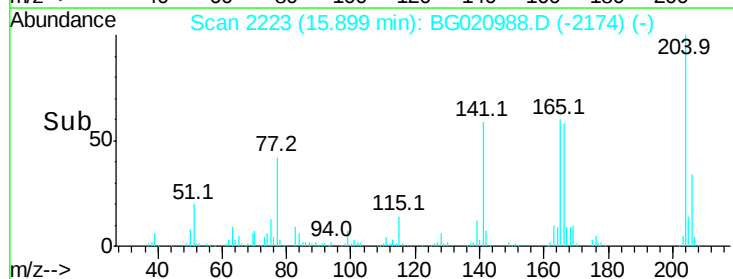
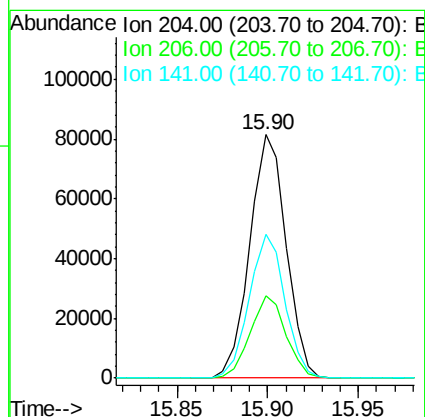
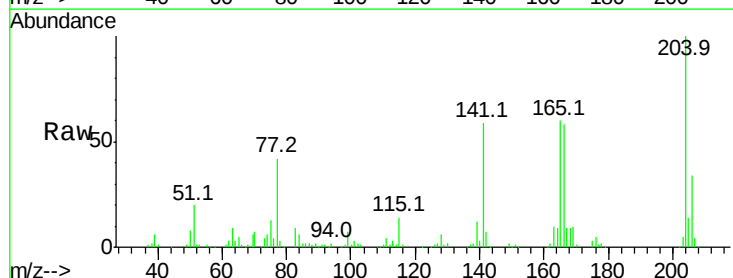
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

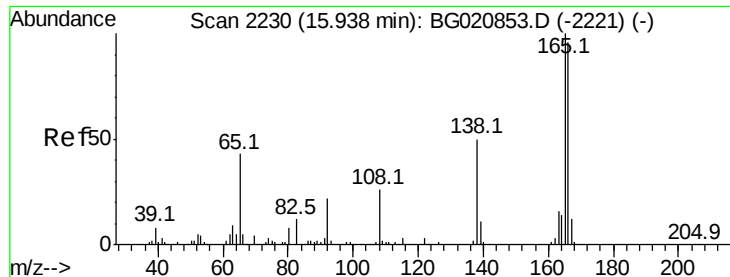
Tot Ion:149 Resp: 249676
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.90 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:204 Resp: 113274
Ion Ratio Lower Upper
204 100
206 33.8 26.9 40.3
141 59.0 50.3 75.5

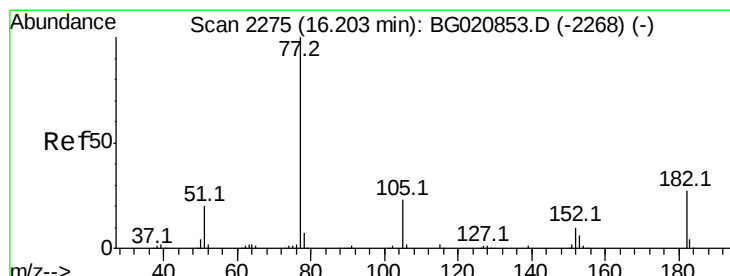
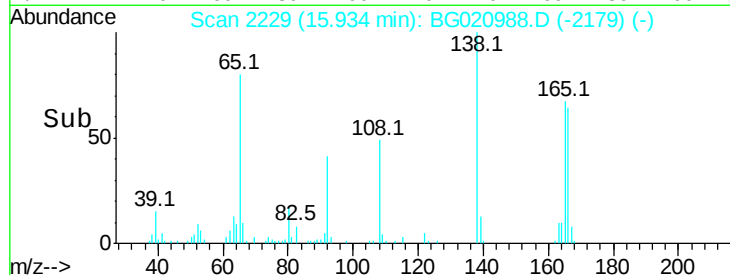
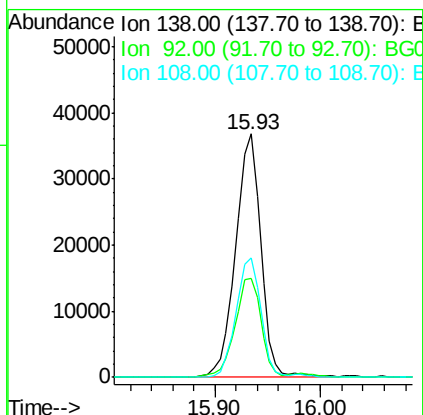
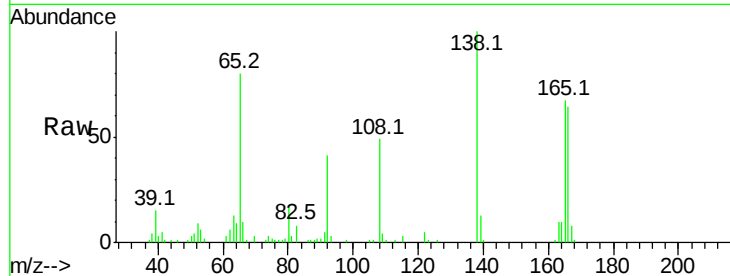




#61
4-Nitroaniline
Concen: 40.57 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

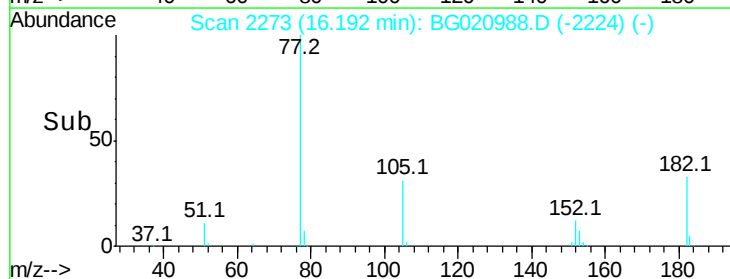
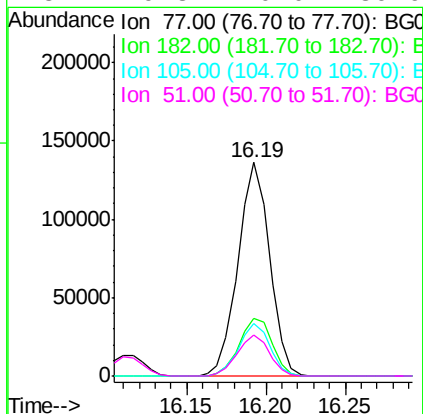
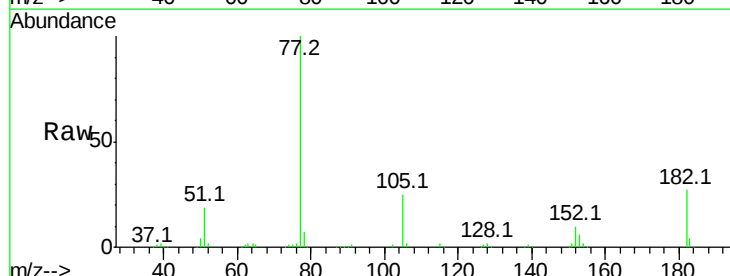
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

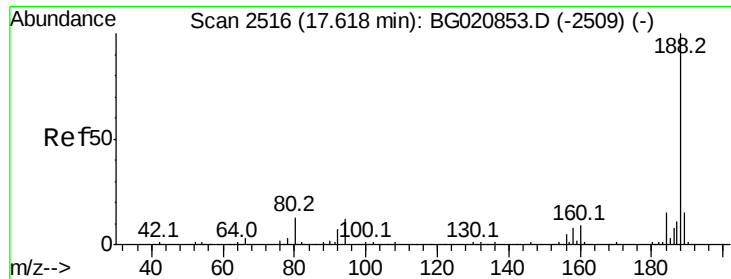
Tot Ion:	138	Resp:	60965
Ion	Ratio	Lower	Upper
138	100		
92	40.5	24.1	64.1
108	49.3	32.4	72.4



#62
Azobenzene
Concen: 38.91 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:	77	Resp:	189100
Ion	Ratio	Lower	Upper
77	100		
182	26.8	6.8	46.8
105	24.6	3.4	43.4
51	19.3	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: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

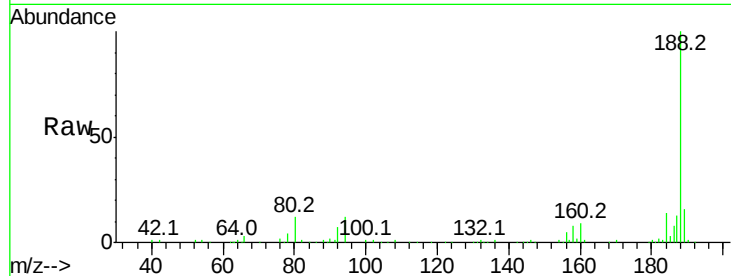
Tot Ion:188 Resp: 151348

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.0

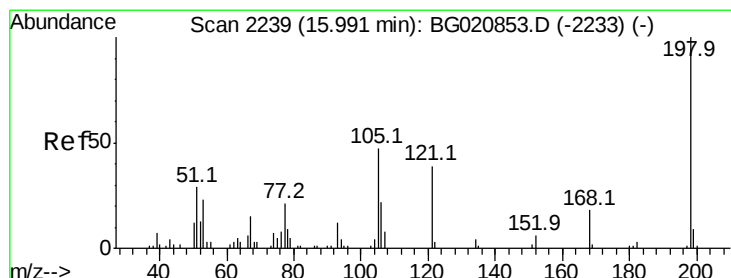
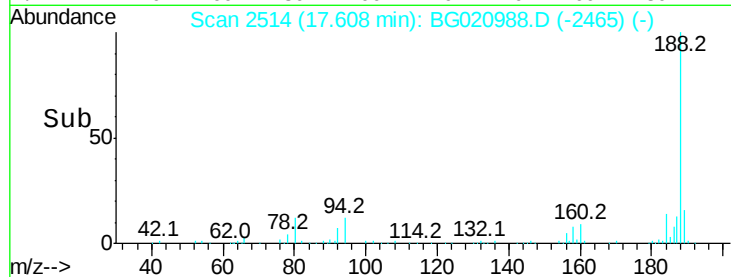
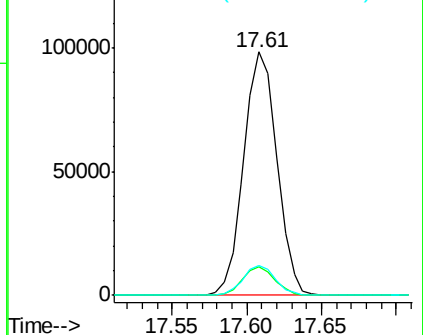
80 12.1 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 42.51 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

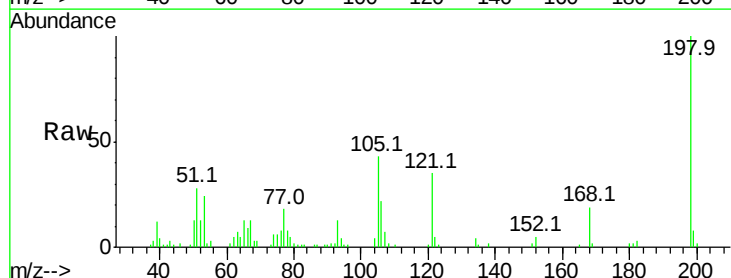
Tgt Ion:198 Resp: 32145

Ion Ratio Lower Upper

198 100

51 28.0 10.6 50.6

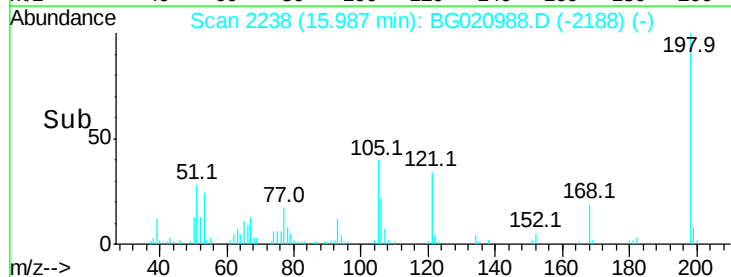
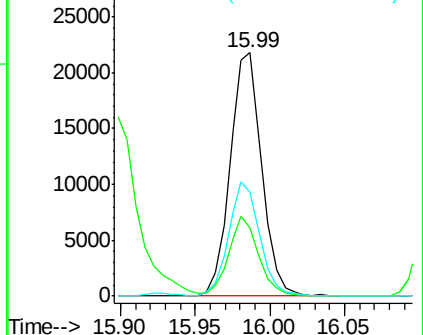
105 42.6 27.0 67.0

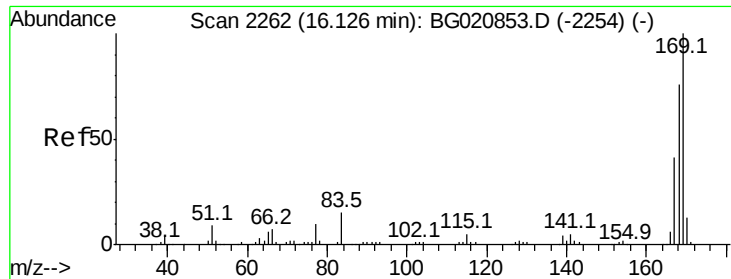


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

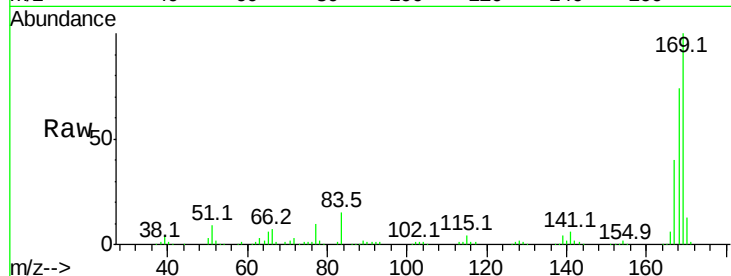




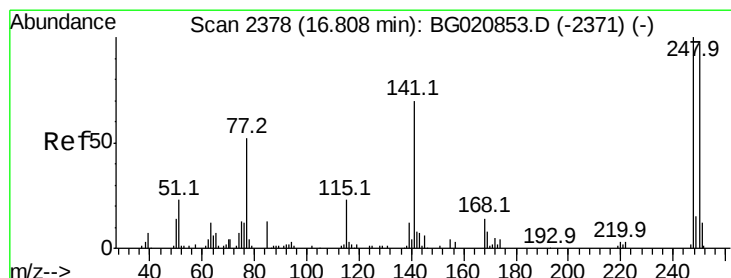
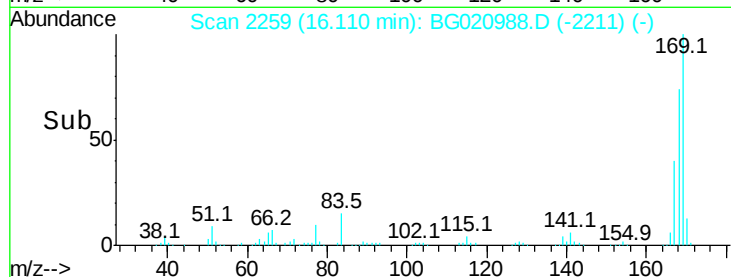
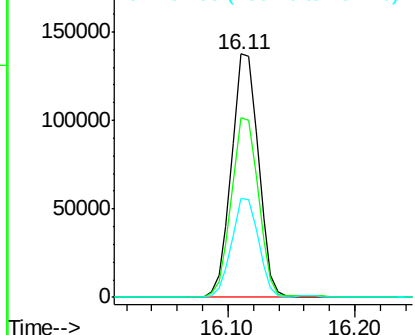
#65
 n-Nitrosodiphenylamine
 Concen: 41.32 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 202047
 Ion Ratio Lower Upper
 169 100
 168 73.8 60.7 91.1
 167 40.5 32.8 49.2

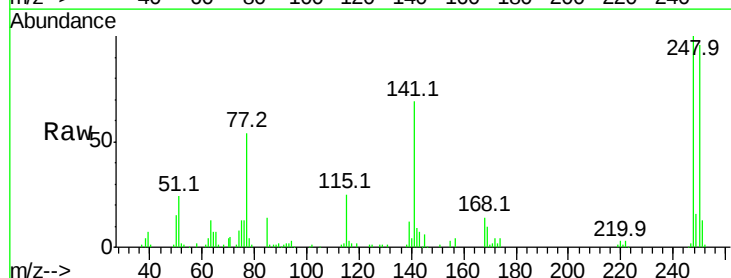


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

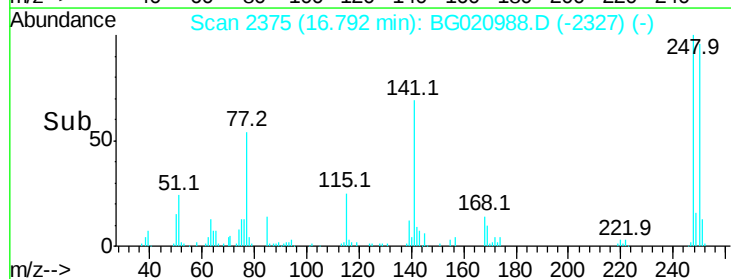
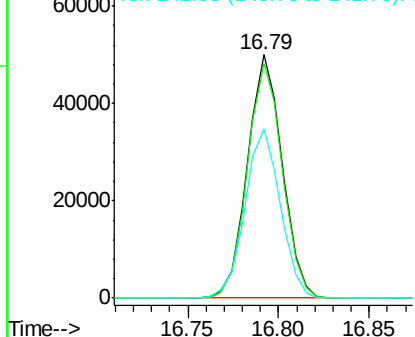


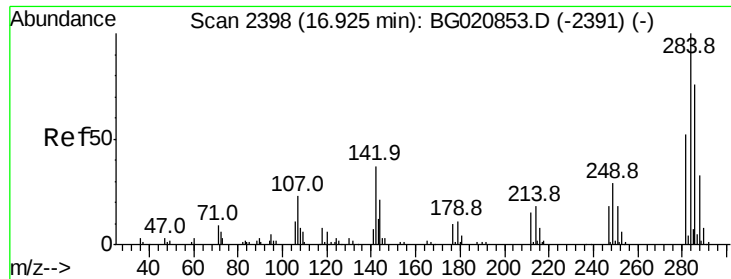
#66
 4-Bromophenyl-phenylether
 Concen: 41.66 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:248 Resp: 66582
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.4 116.2
 141 69.5 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: 41.48 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

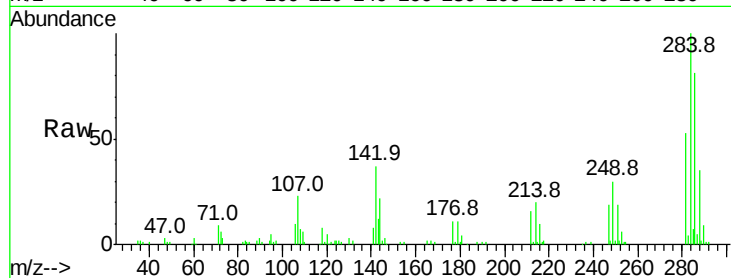
Tot Ion:284 Resp: 70556

Ion Ratio Lower Upper

284 100

142 36.7 29.9 44.9

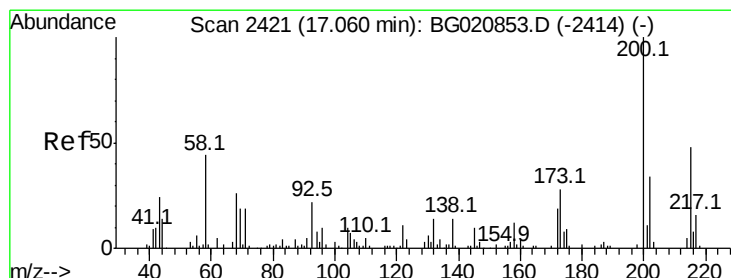
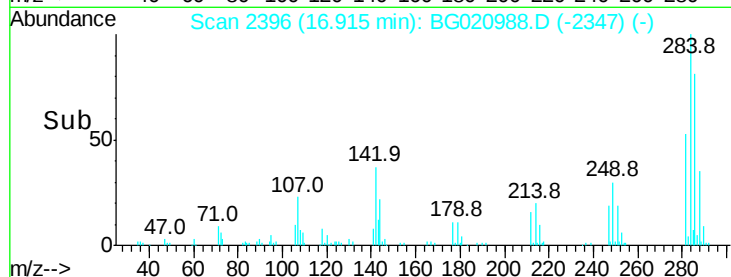
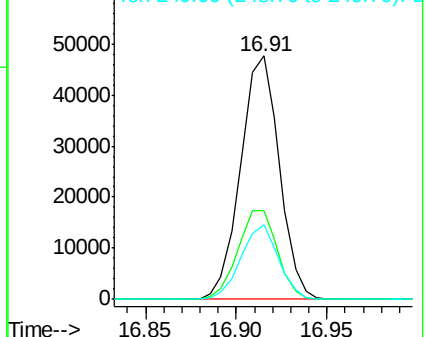
249 30.5 23.3 34.9



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: 40.30 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

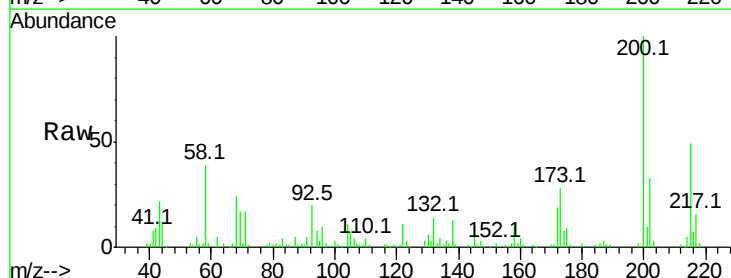
Tgt Ion:200 Resp: 59796

Ion Ratio Lower Upper

200 100

173 28.5 8.4 48.4

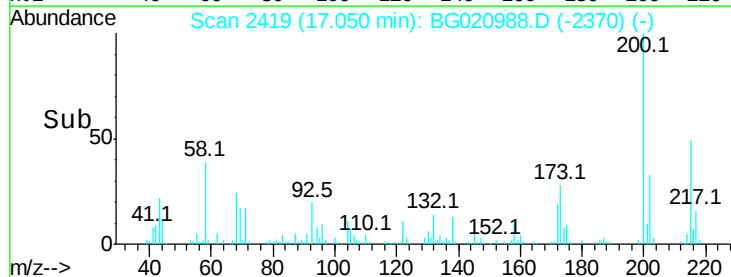
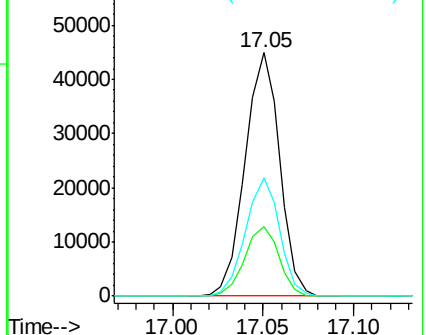
215 48.7 28.2 68.2

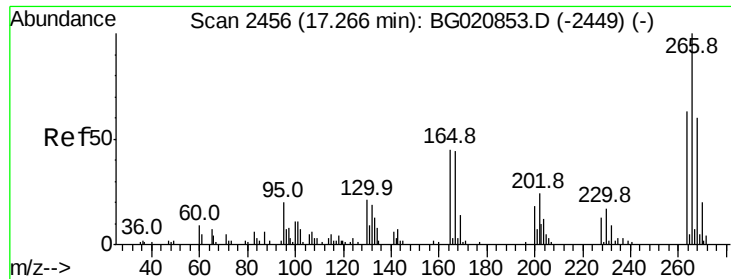


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

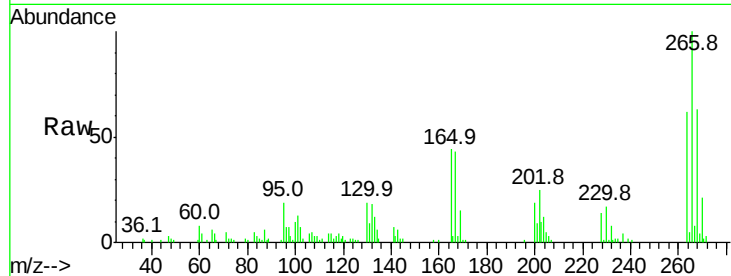




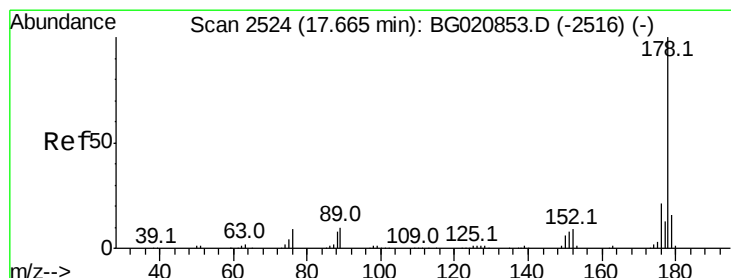
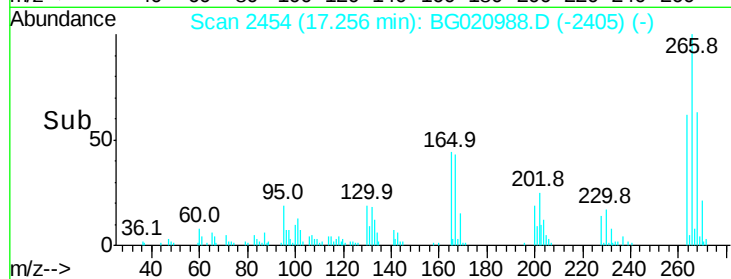
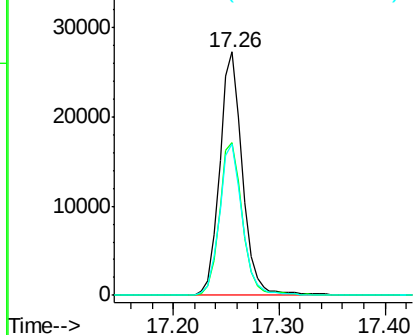
#69
 Pentachlorophenol
 Concen: 41.99 ng
 RT: 17.26 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	47.8	71.6
264	62.1	50.2	75.4

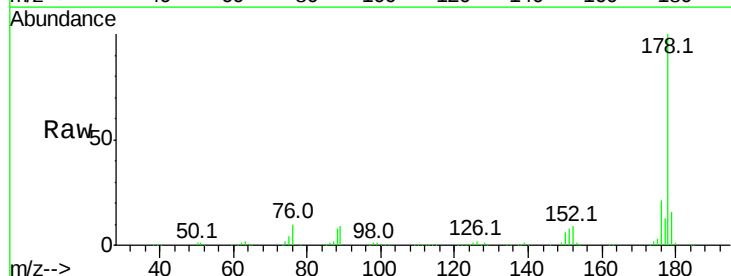


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

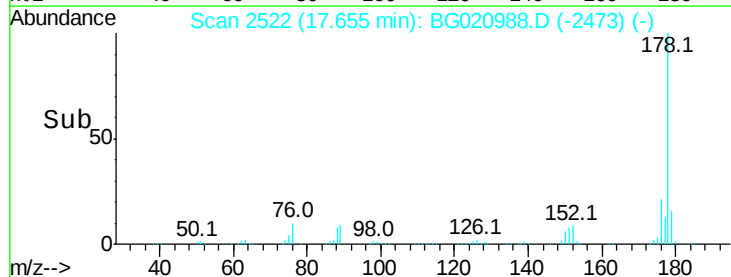
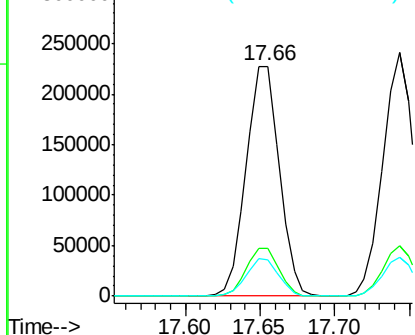


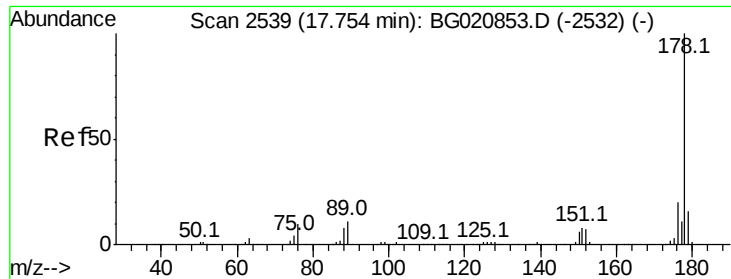
#70
 Phenanthrene
 Concen: 40.67 ng
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	15.9	12.6	19.0



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

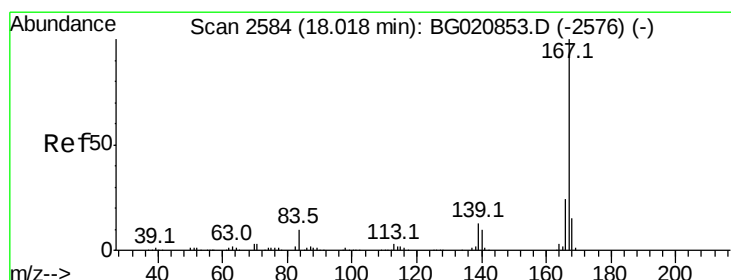
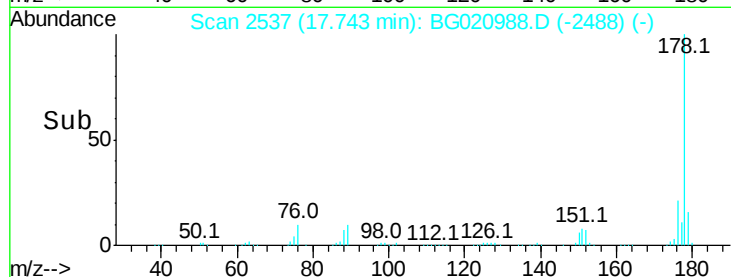
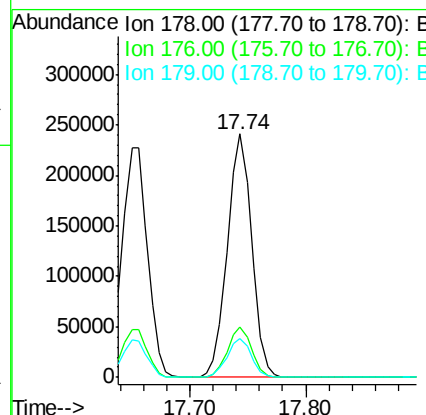
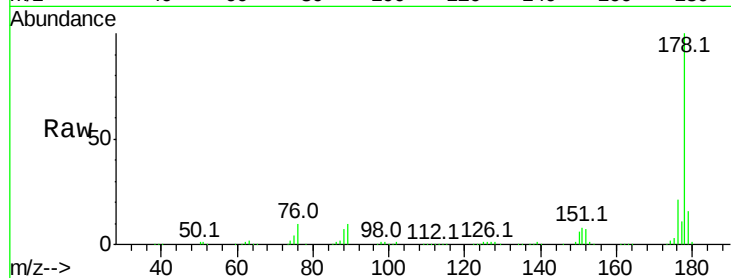




#71
 Anthracene
 Concen: 40.36 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

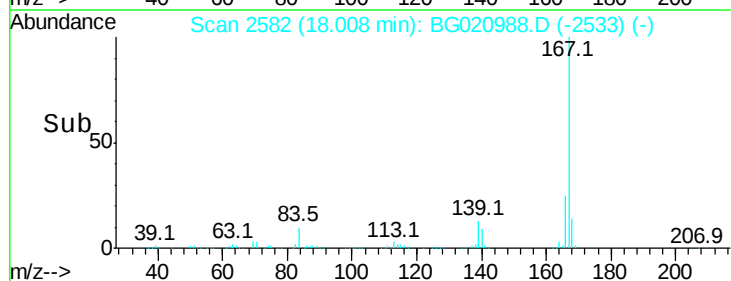
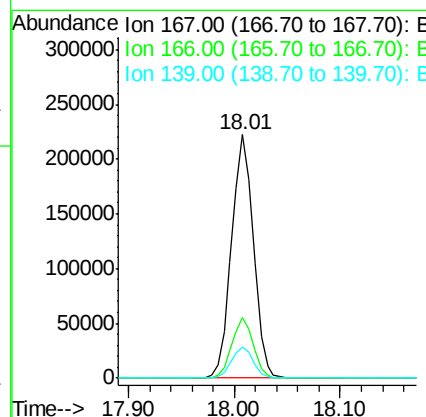
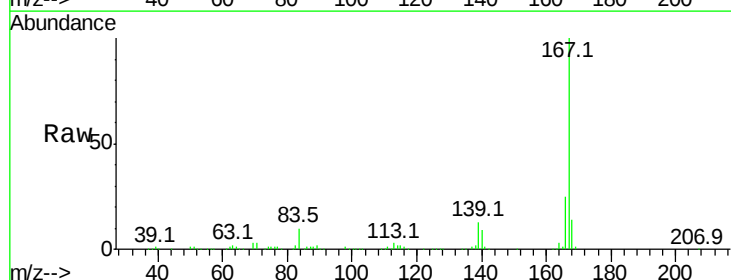
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

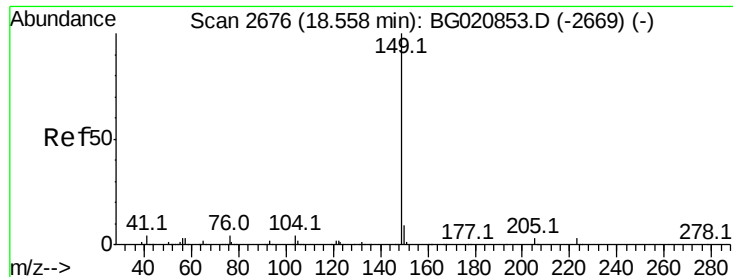
Tot Ion:178 Resp: 352998
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.54 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion:167 Resp: 318156
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.3 28.9
 139 13.0 10.2 15.4

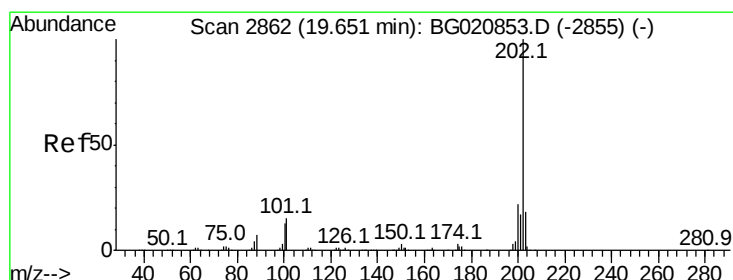
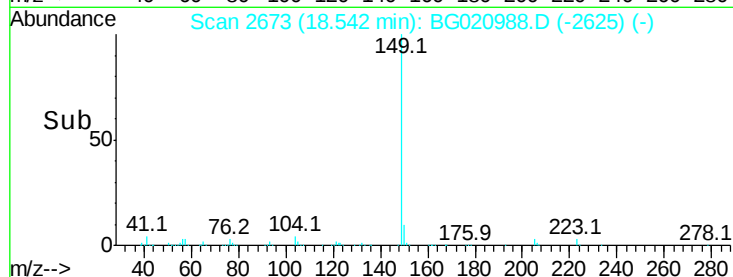
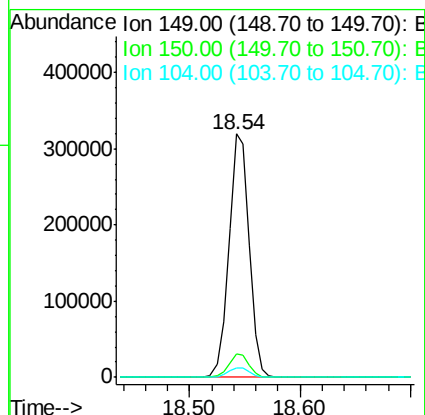
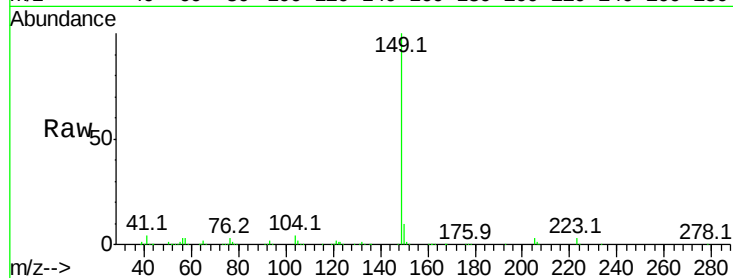




#73
Di-n-butylphthalate
Concen: 40.56 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

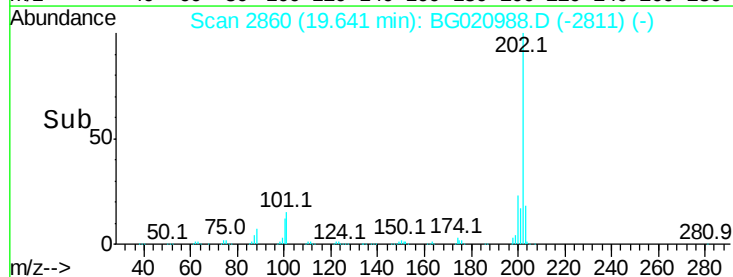
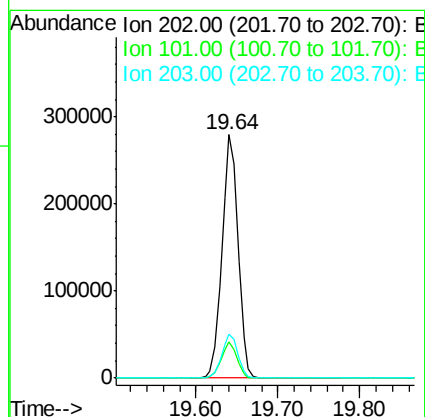
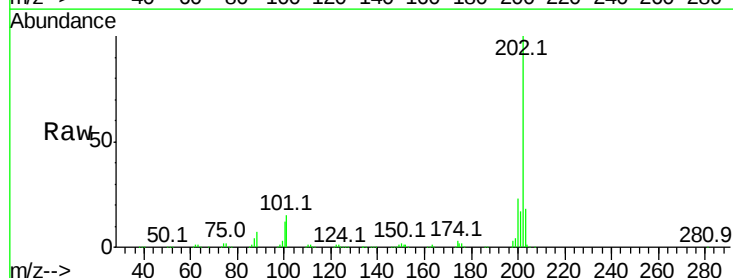
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

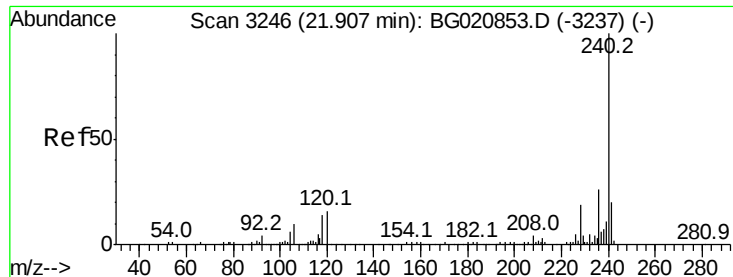
Tot Ion:149 Resp: 408228
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.1 3.4 5.0



#74
Fluoranthene
Concen: 40.97 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:202 Resp: 381356
Ion Ratio Lower Upper
202 100
101 14.8 0.0 35.3
203 18.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

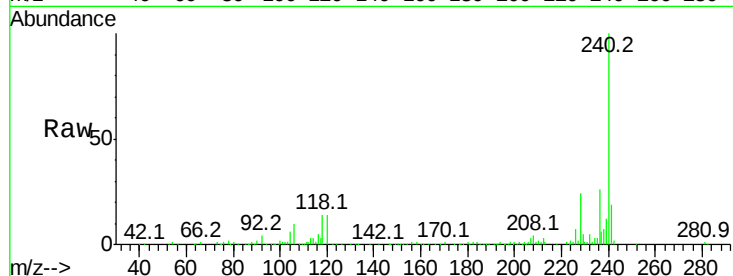
Tot Ion:240 Resp: 145002

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.4

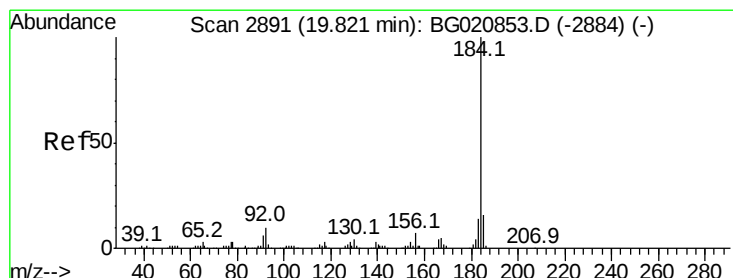
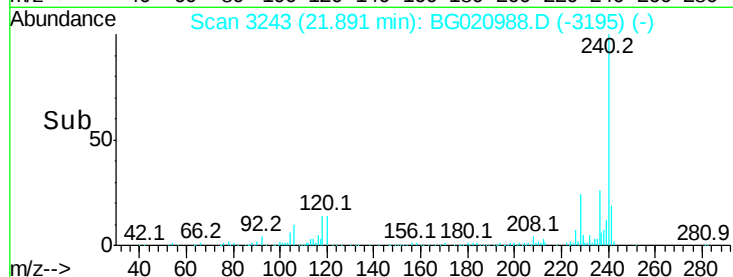
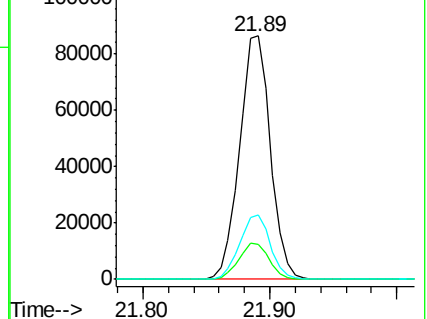
236 26.3 21.0 31.4



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: 33.95 ng

RT: 19.81 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

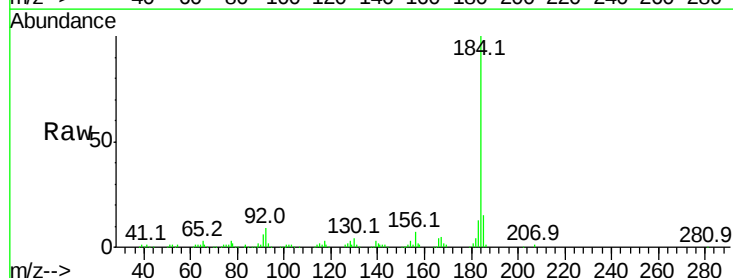
Tgt Ion:184 Resp: 159177

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

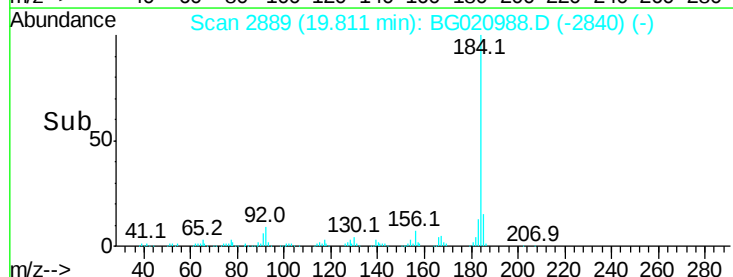
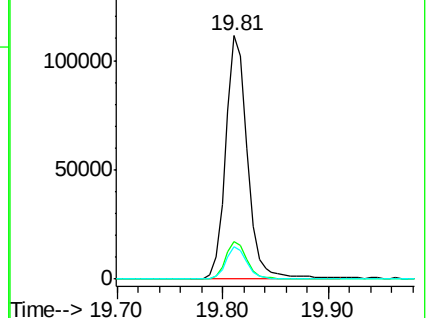
183 13.1 11.0 16.4

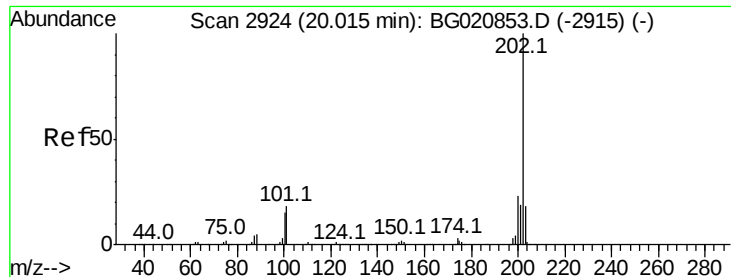


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

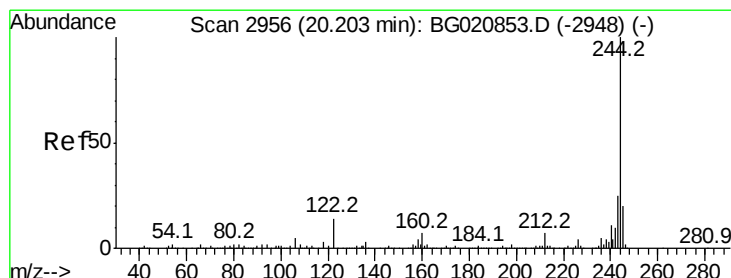
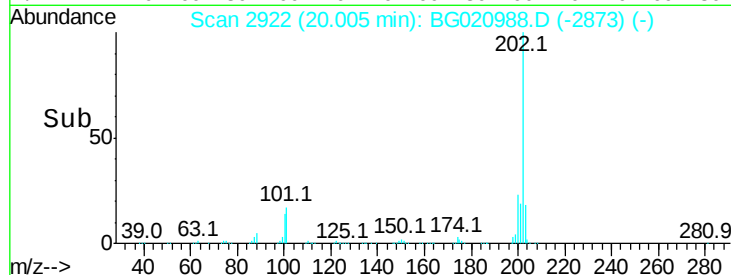
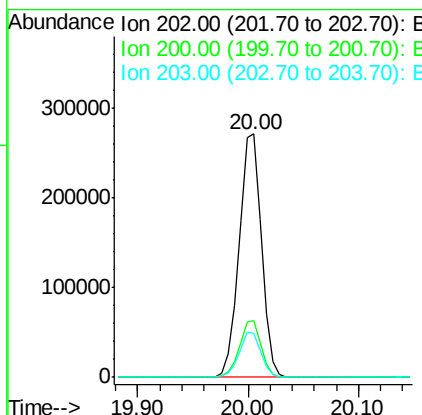
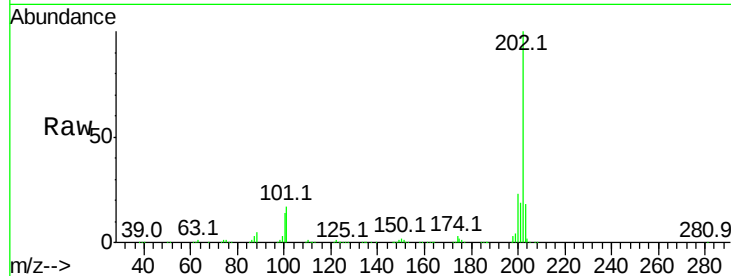




#77
Pvrene
Concen: 40.49 ng
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

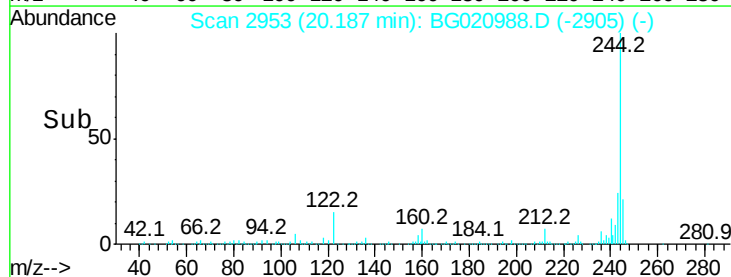
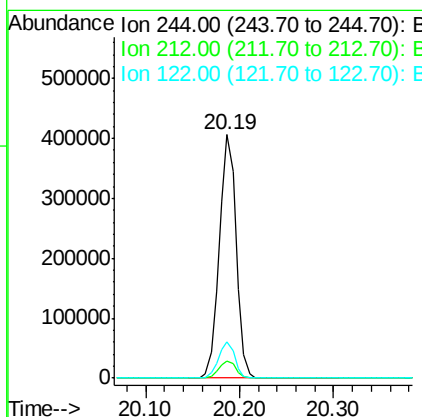
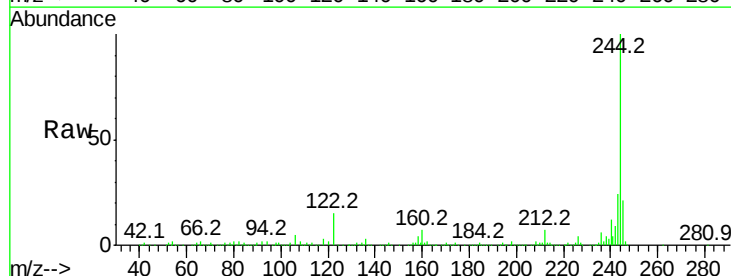
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

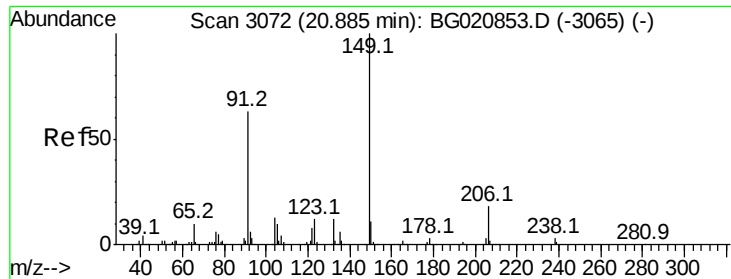
Tot Ion:202 Resp: 387259
Ion Ratio Lower Upper
202 100
200 23.2 18.5 27.7
203 18.3 14.3 21.5



#78
Terphenyl-d14
Concen: 81.85 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:244 Resp: 508747
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 15.0 11.4 17.2

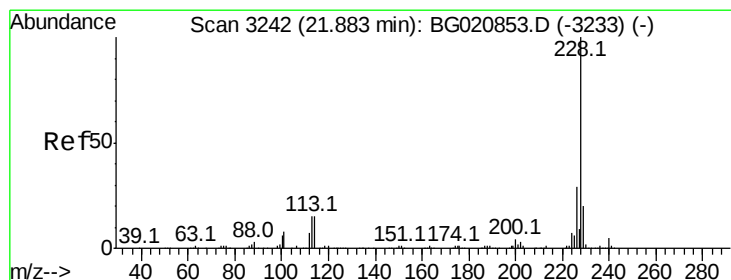
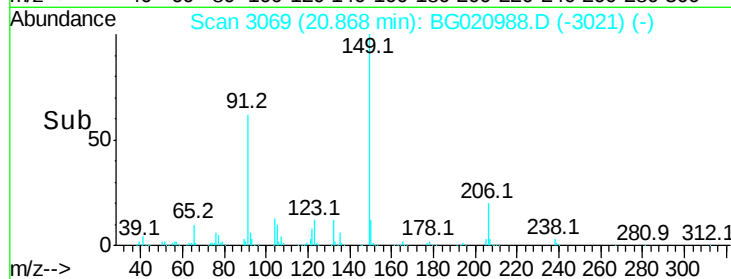
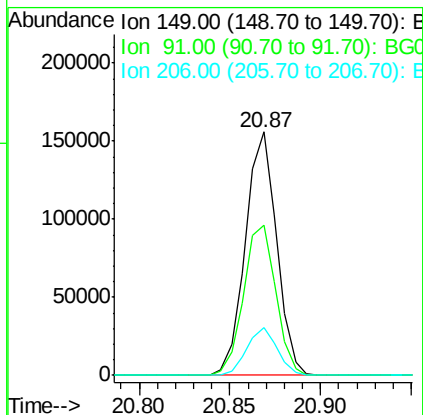
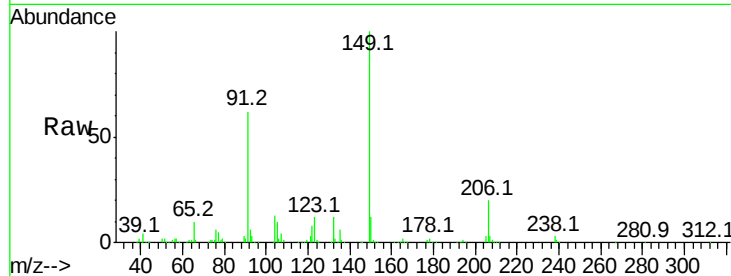




#79
Butylbenzylphthalate
Concen: 40.81 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

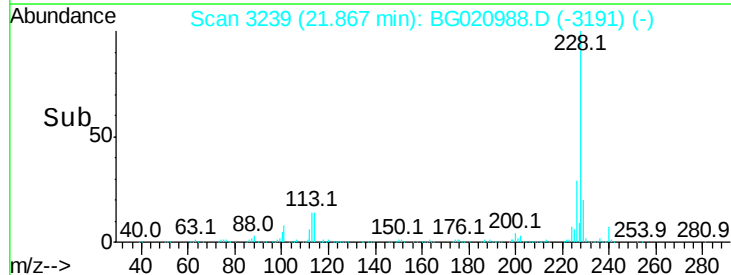
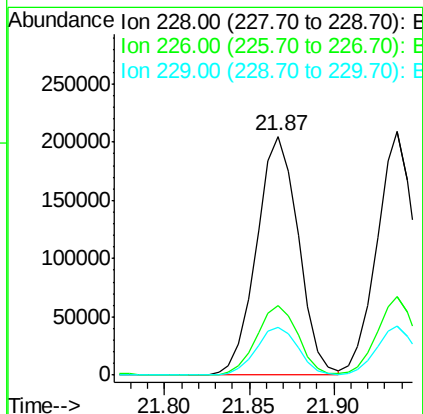
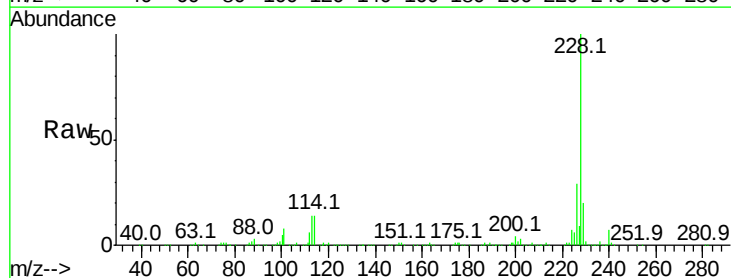
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

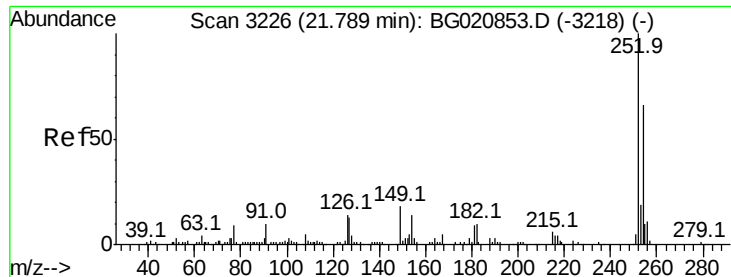
Tot Ion:149 Resp: 186858
Ion Ratio Lower Upper
149 100
91 61.7 50.6 76.0
206 19.6 14.6 22.0



#80
Benzo(a)anthracene
Concen: 40.78 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020988.D
Acq: 20 Feb 2016 1:30

Tgt Ion:228 Resp: 353025
Ion Ratio Lower Upper
228 100
226 29.1 23.1 34.7
229 20.1 16.2 24.2

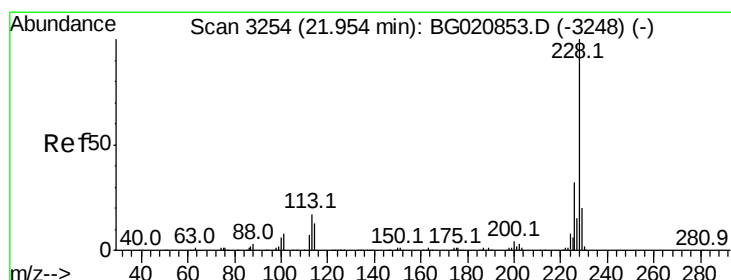
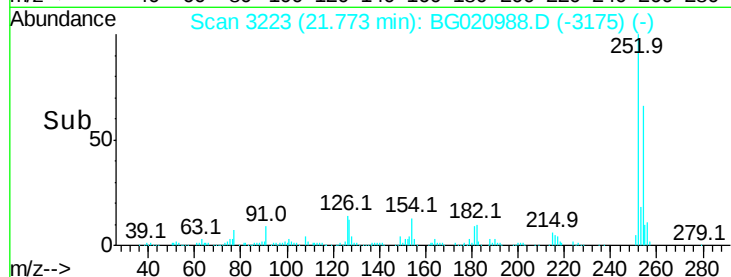
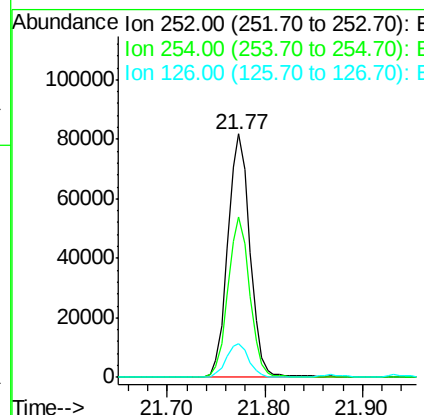
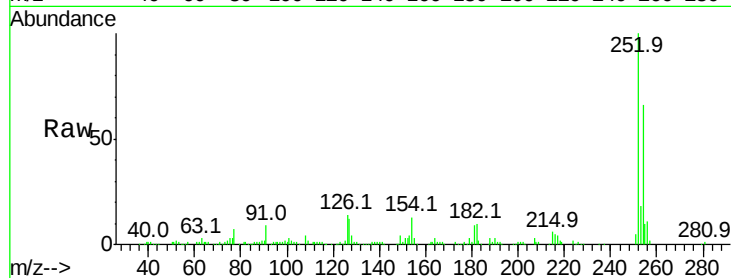




#81
 3,3'-Dichlorobenzidine
 Concen: 40.22 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

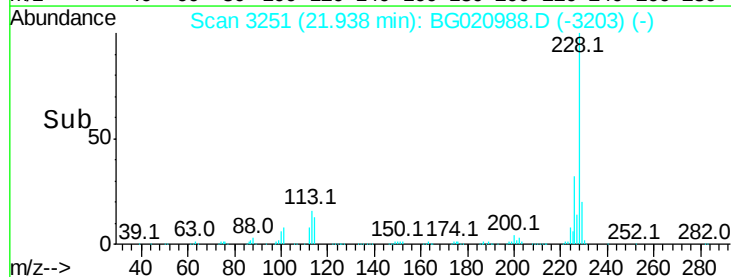
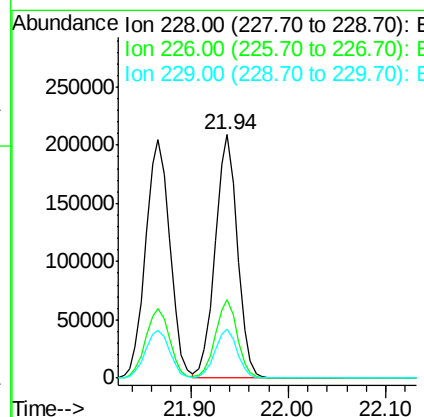
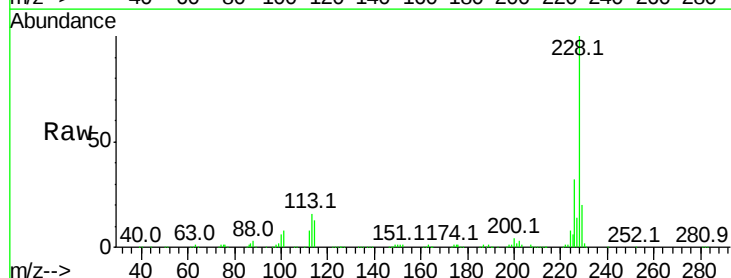
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

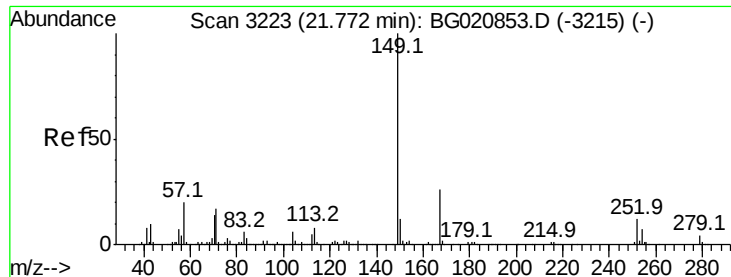
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.8	79.2
126	13.8	11.1	16.7



#82
 Chrysene
 Concen: 40.41 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020988.D
 Acq: 20 Feb 2016 1:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.3	37.9
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.26 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

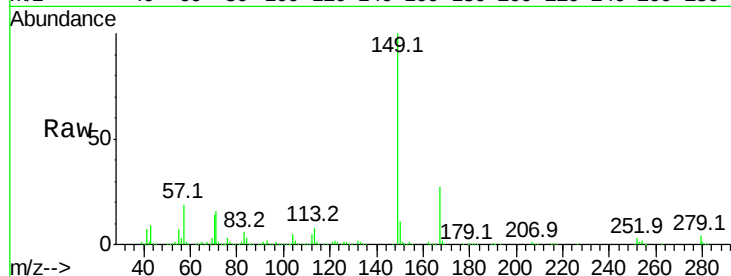
Tot Ion:149 Resp: 273334

Ion Ratio Lower Upper

149 100

167 26.7 20.9 31.3

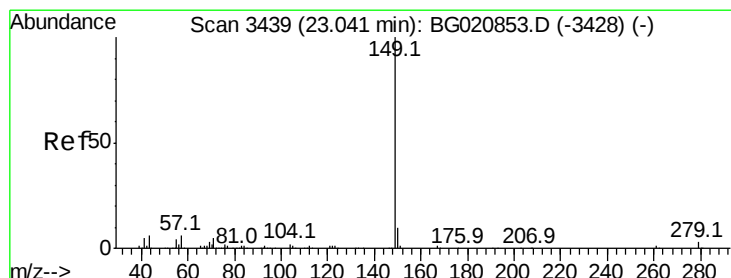
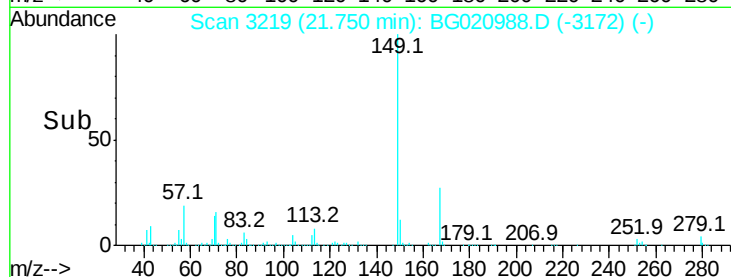
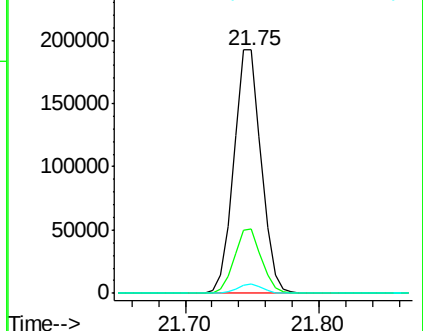
279 3.7 3.0 4.4



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: 40.70 ng

RT: 23.01 min Scan# 3433

Delta R.T. -0.03 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

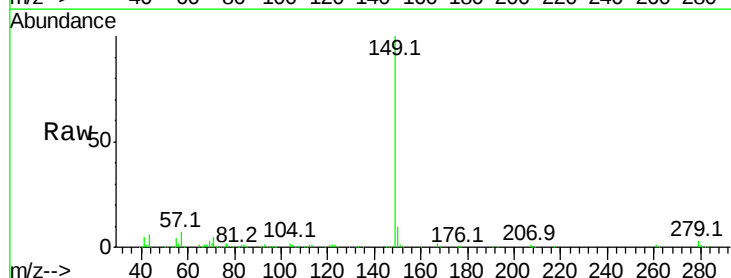
Tgt Ion:149 Resp: 453523

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

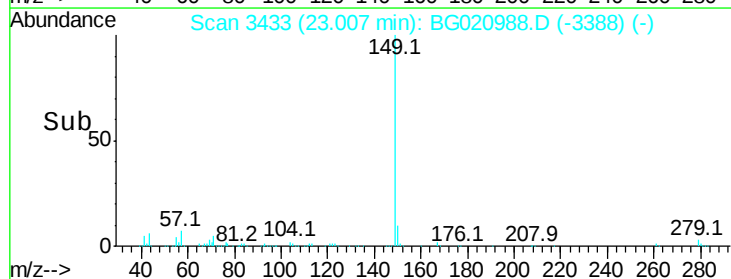
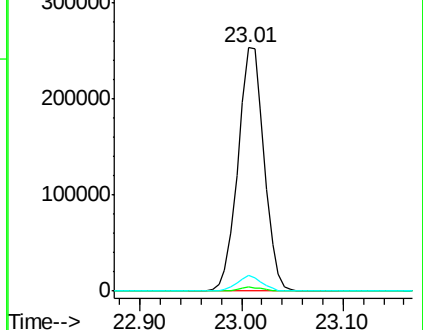
43 6.1 5.1 7.7

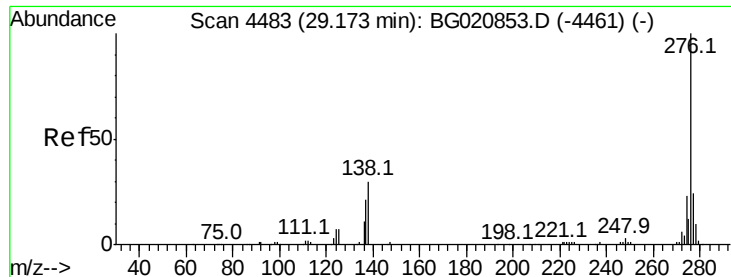


Abundance Ion 149.00 (148.70 to 149.70): E

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: 41.36 ng

RT: 29.12 min Scan# 4474

Delta R.T. -0.05 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

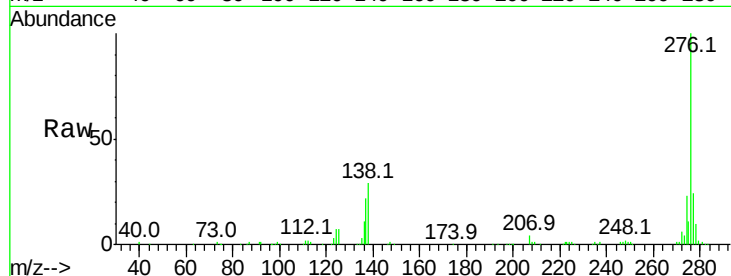
Tot Ion:276 Resp: 387238

Ion Ratio Lower Upper

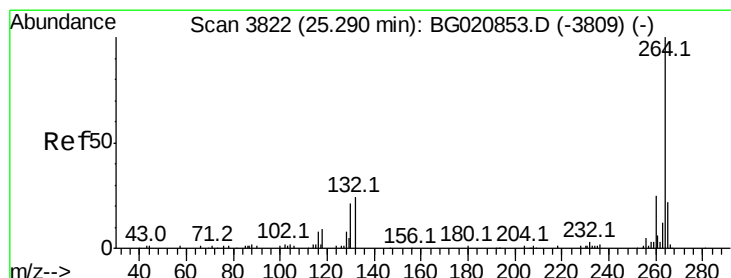
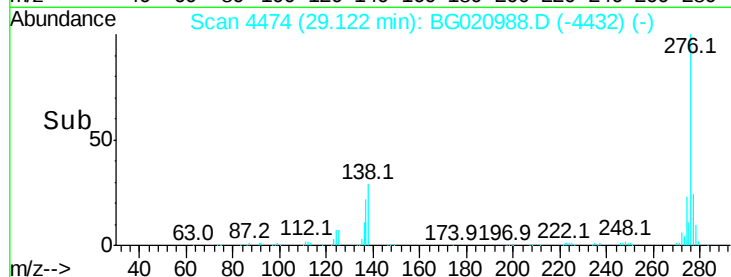
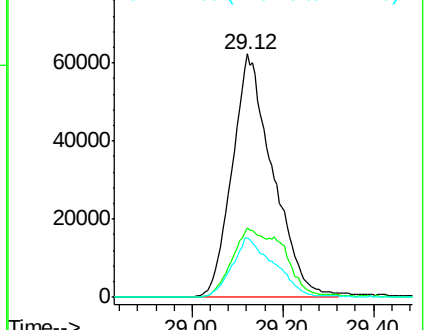
276 100

138 21.9 20.1 30.1

277 25.6 20.5 30.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

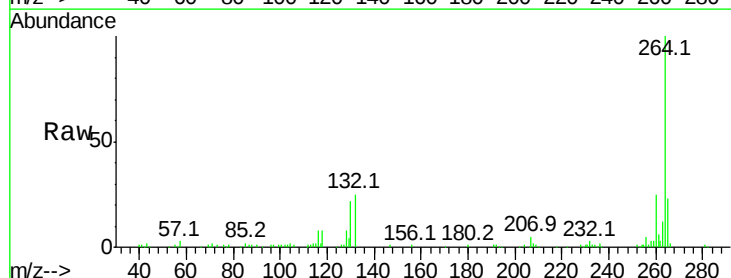
Tgt Ion:264 Resp: 137759

Ion Ratio Lower Upper

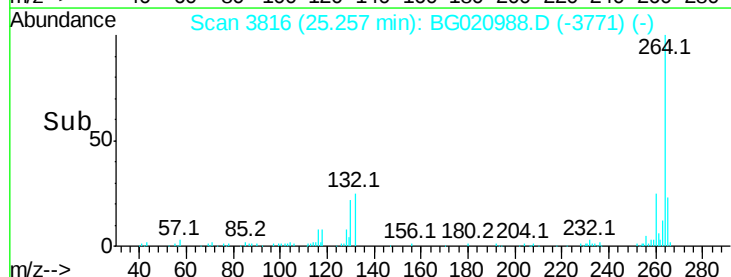
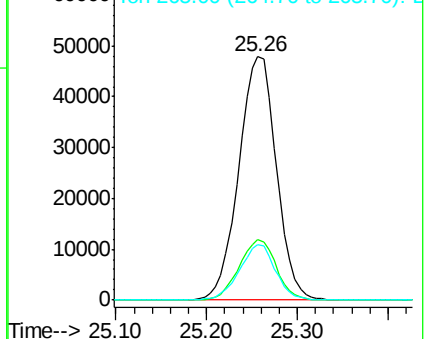
264 100

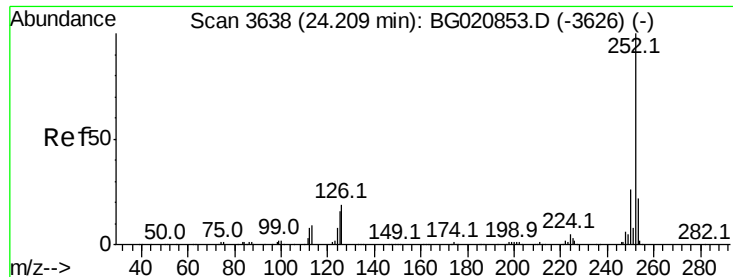
260 24.8 19.9 29.9

265 22.9 18.0 27.0



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





#87

Benzo(b)fluoranthene

Concen: 40.53 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

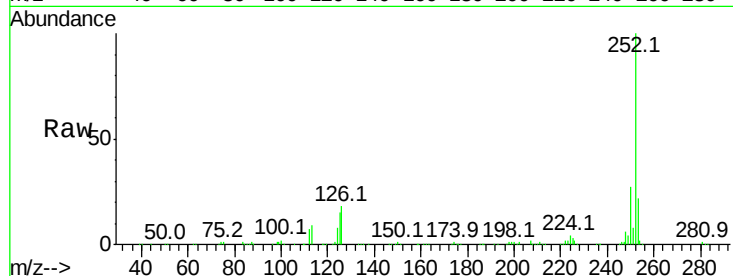
Tot Ion:252 Resp: 341744

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

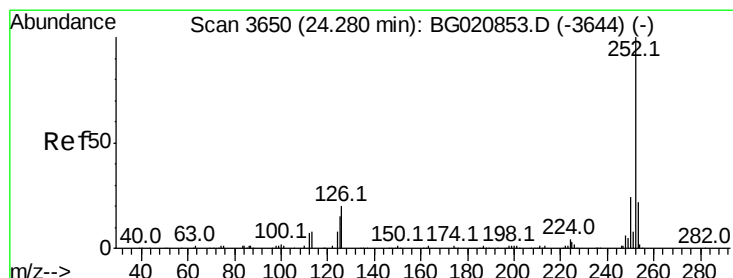
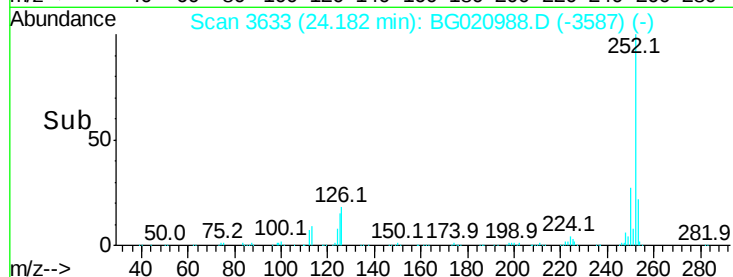
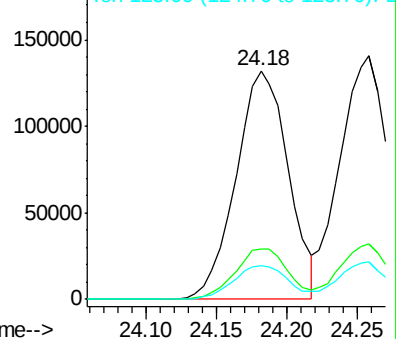
125 14.9 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.84 ng

RT: 24.26 min Scan# 3646

Delta R.T. -0.02 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

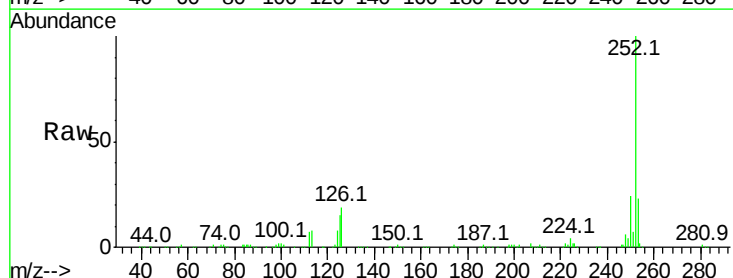
Tgt Ion:252 Resp: 337375

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

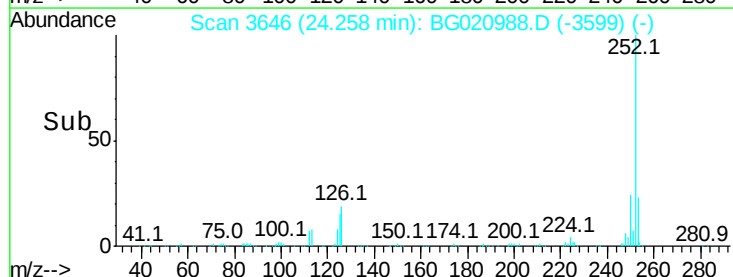
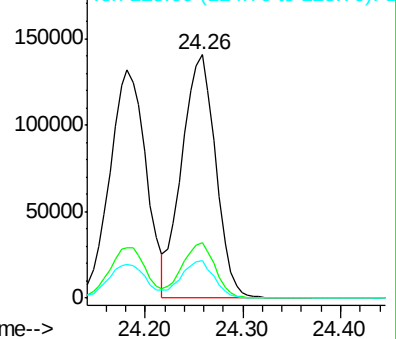
125 15.2 12.2 18.4

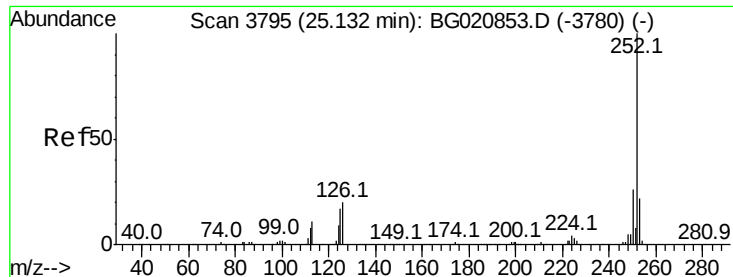


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.61 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.03 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

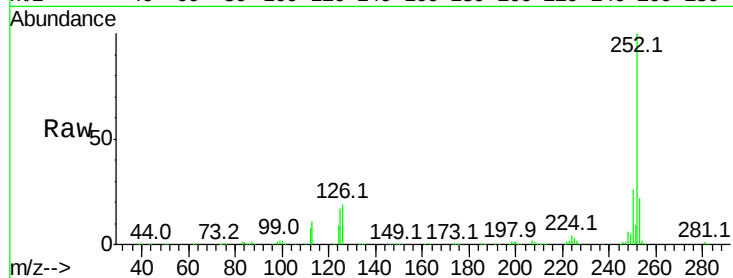
Tot Ion:252 Resp: 326229

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

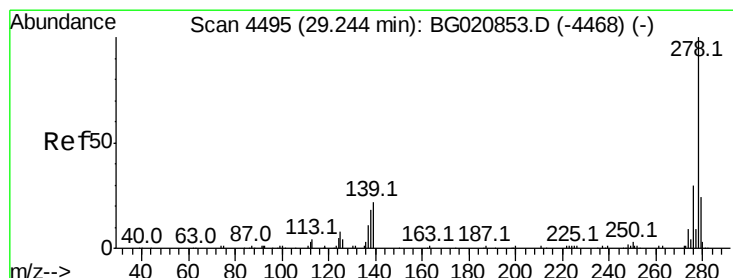
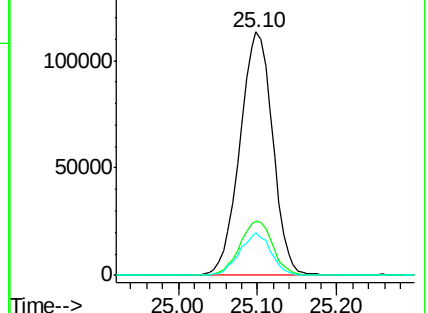
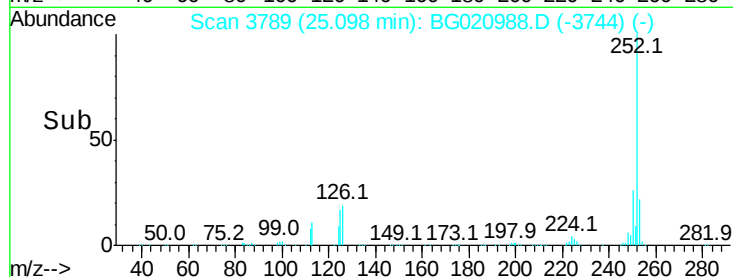
125 17.3 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.39 ng

RT: 29.20 min Scan# 4487

Delta R.T. -0.05 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

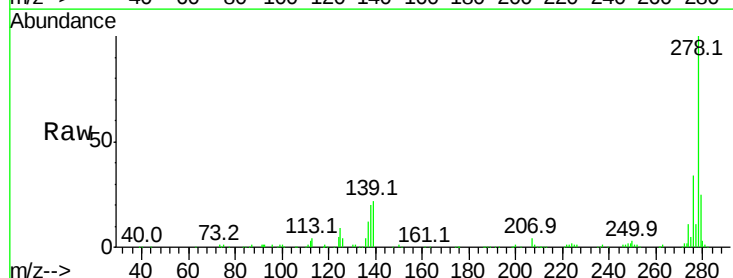
Tgt Ion:278 Resp: 315532

Ion Ratio Lower Upper

278 100

139 22.4 17.3 25.9

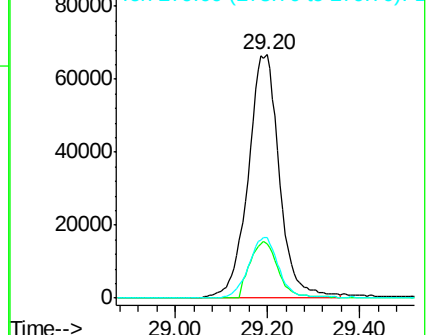
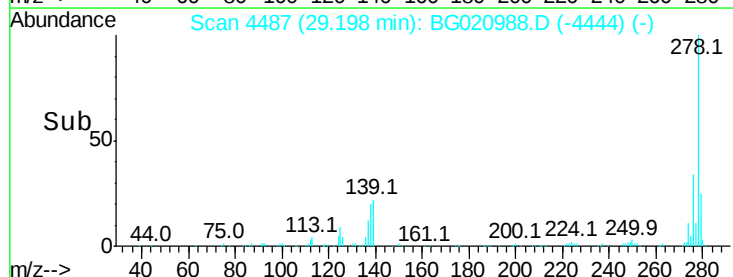
279 24.9 19.1 28.7

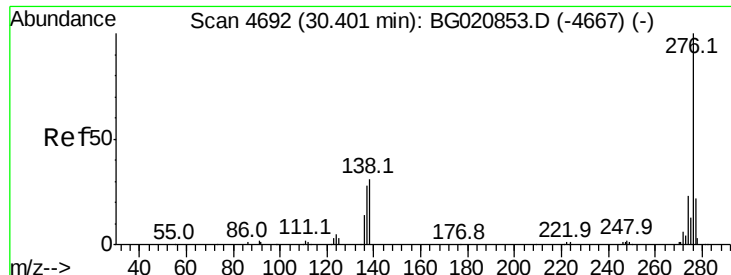


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.99 ng

RT: 30.34 min Scan# 4682

Delta R.T. -0.06 min

Lab File: BG020988.D

Acq: 20 Feb 2016 1:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

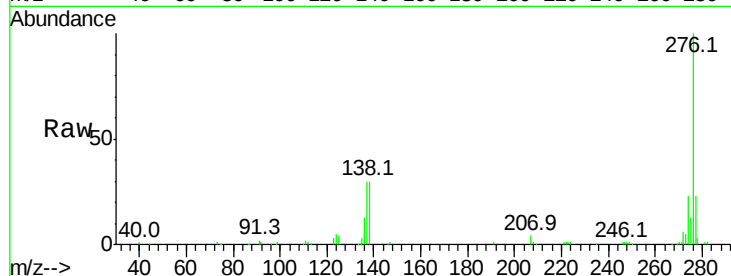
Tot Ion:276 Resp: 310073

Ion Ratio Lower Upper

276 100

277 23.0 17.6 26.4

138 30.2 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

