

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG023993.D
 Acq On : 16 Sep 2016 14:53
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 17 00:06:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56766	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	270990	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	196998	20.00	ng	-0.04
63) Phenanthrene-d10	17.50	188	459889	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	541561	20.00	ng	-0.04
86) Perylene-d12	25.15	264	563204	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	268243	82.96	ng	-0.05
7) Phenol-d6	7.23	99	398580	80.08	ng	-0.05
23) Nitrobenzene-d5	9.24	82	526863	86.80	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	251021	70.72	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	1108690	80.69	ng	-0.04
78) Terphenyl-d14	20.10	244	1678906	70.60	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	59116	44.33	ng	95
3) Pyridine	3.87	79	169440	42.28	ng	94
4) n-Nitrosodimethylamine	3.79	42	104393	49.42	ng	# 72
6) Aniline	7.38	93	276206	41.81	ng	96
8) 2-Chlorophenol	7.62	128	148340	39.60	ng	95
9) Benzaldehyde	7.19	77	137464	38.87	ng	92
10) Phenol	7.25	94	205874	39.32	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	160308	38.91	ng	86
12) 1,3-Dichlorobenzene	7.94	146	176579	40.28	ng	95
13) 1,4-Dichlorobenzene	8.09	146	178816	38.50	ng	93
14) 1,2-Dichlorobenzene	8.41	146	173951	39.90	ng	90
15) Benzyl Alcohol	8.30	79	194799	44.39	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	224955	40.74	ng	93
17) 2-Methylphenol	8.51	107	140353	39.79	ng	93
18) Hexachloroethane	9.14	117	75298	42.10	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	185274	42.14	ng	# 94
20) 3+4-Methylphenols	8.85	107	199410	40.56	ng	98
22) Acetophenone	8.89	105	295065	42.06	ng	# 98
24) Nitrobenzene	9.28	77	283809	43.48	ng	99
25) Isophorone	9.81	82	488818	41.53	ng	98
26) 2-Nitrophenol	9.99	139	103862	41.86	ng	91
27) 2,4-Dimethylphenol	10.05	122	170118	40.34	ng	93
28) bis(2-Chloroethoxy)methane	10.28	93	242478	40.80	ng	# 98
29) 2,4-Dichlorophenol	10.55	162	188633	42.22	ng	87
30) 1,2,4-Trichlorobenzene	10.75	180	205645	41.96	ng	93
31) Naphthalene	10.94	128	558519	40.00	ng	97
32) Benzoic acid	10.25	122	124101	36.23	ng	94
33) 4-Chloroaniline	11.06	127	234631	40.24	ng	96
34) Hexachlorobutadiene	11.21	225	166775	45.31	ng	95
35) Caprolactam	11.86	113	55602	35.31	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	229636	38.46	ng	97
37) 2-Methylnaphthalene	12.55	142	416744	39.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	287826	44.02	ng	99
40) Hexachlorocyclopentadiene	12.89	237	161664	44.48	ng	99

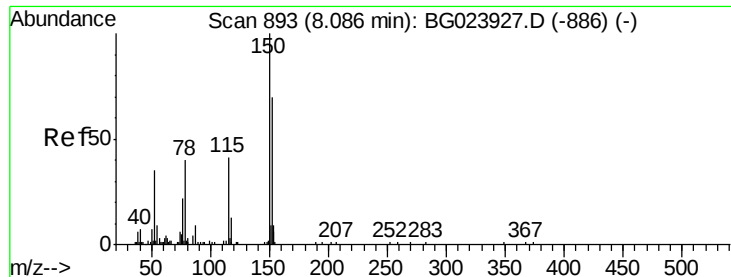
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	180772	41.43	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	179400	40.67	nq	93
45) 1,1'-Biphenyl	13.55	154	632580	39.92	nq	98
46) 2-Chloronaphthalene	13.60	162	465768	40.04	nq	97
47) 2-Nitroaniline	13.83	65	201164	43.90	nq	99
48) Acenaphthylene	14.45	152	753978	38.88	nq	99
49) Dimethylphthalate	14.18	163	626914	37.11	nq	99
50) 2,6-Dinitrotoluene	14.31	165	133652	37.48	nq	94
51) Acenaphthene	14.79	154	467720	39.02	nq	99
52) 3-Nitroaniline	14.66	138	126302	37.87	nq	83
53) 2,4-Dinitrophenol	14.87	184	80142	34.75	nq	94
54) Dibenzofuran	15.13	168	712701	38.09	nq	99
55) 4-Nitrophenol	14.99	139	88878	33.49	nq	# 77
56) 2,4-Dinitrotoluene	15.11	165	191545	36.54	nq	90
57) Fluorene	15.78	166	603605	37.20	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	164168	36.67	nq	96
59) Diethylphthalate	15.54	149	644934	35.76	nq	97
60) 4-Chlorophenyl-phenylether	15.77	204	333049	38.13	nq	97
61) 4-Nitroaniline	15.83	138	126349	37.47	nq	95
62) Azobenzene	16.06	77	682071	39.05	nq	98
64) 4,6-Dinitro-2-methylphenol	15.88	198	129871	40.68	nq	89
65) n-Nitrosodiphenylamine	15.99	169	544303	41.67	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	238835	42.69	nq	98
67) Hexachlorobenzene	16.80	284	260627	39.72	nq	97
68) Atrazine	16.94	200	217803	38.75	nq	99
69) Pentachlorophenol	17.15	266	137821	39.54	nq	95
70) Phenanthrene	17.54	178	942050	39.38	nq	97
71) Anthracene	17.63	178	954847	39.13	nq	98
72) Carbazole	17.91	167	836545	37.78	nq	97
73) Di-n-butylphthalate	18.44	149	991255	37.52	nq	97
74) Fluoranthene	19.55	202	1113898	38.67	nq	95
76) Benzidine	19.74	184	622170	37.10	nq	97
77) Pyrene	19.92	202	1166387	35.02	nq	93
79) Butylbenzylphthalate	20.79	149	511010	39.80	nq	99
80) Benzo(a)anthracene	21.78	228	1232037	40.64	nq	93
81) 3,3'-Dichlorobenzidine	21.70	252	501076	41.35	nq	# 99
82) Chrysene	21.86	228	1174886	40.71	nq	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	712361	40.52	nq	94
84) Di-n-octyl phthalate	22.90	149	1243623	43.13	nq	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	1517638	47.50	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1333062	41.67	nq	99
88) Benzo(k)fluoranthene	24.15	252	1272005	40.10	nq	# 98
89) Benzo(a)pyrene	24.99	252	1256069	41.34	nq	# 97
90) Dibenzo(a,h)anthracene	29.03	278	1238995	41.47	nq	# 95
91) Benzo(g,h,i)perylene	30.19	276	1249146	43.47	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

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ClientSampleId :

SSTDCCC040

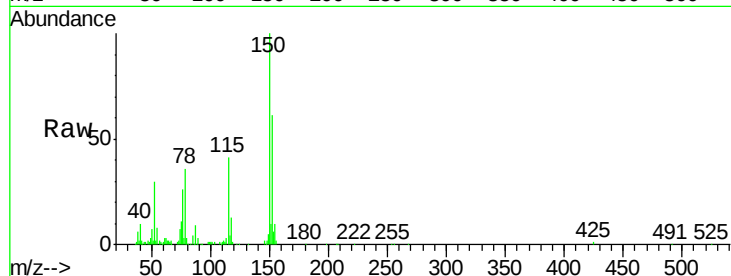
Tot Ion:152 Resp: 56766

Ion Ratio Lower Upper

152 100

150 164.2 144.7 217.1

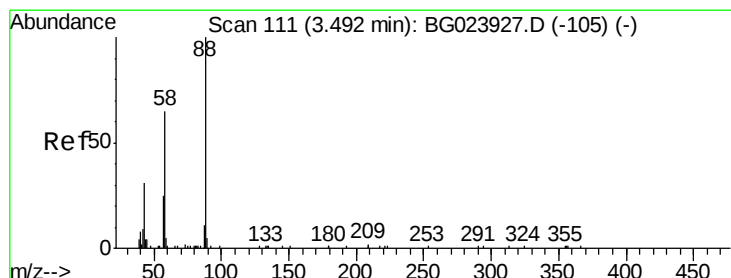
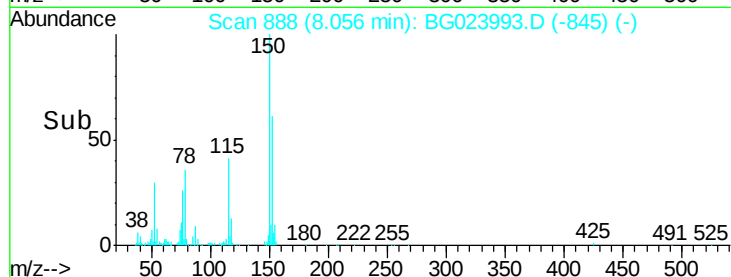
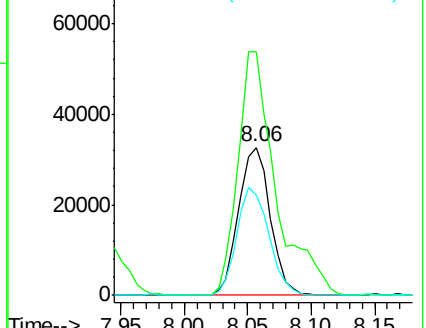
115 67.7 64.0 96.0



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: 44.33 ng

RT: 3.46 min Scan# 106

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

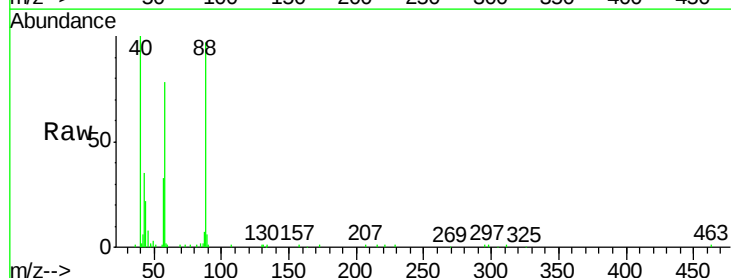
Tgt Ion: 88 Resp: 59116

Ion Ratio Lower Upper

88 100

58 70.9 60.4 90.6

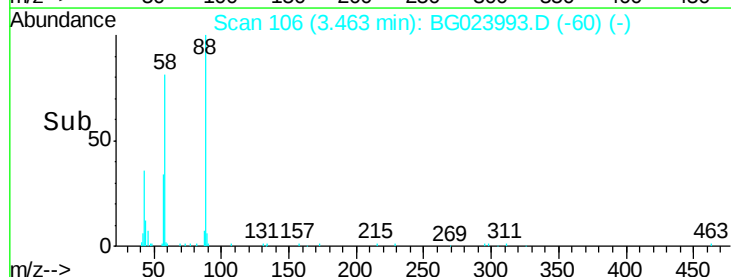
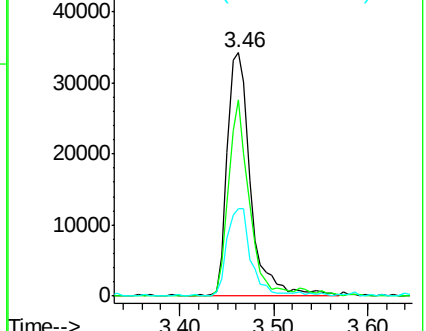
43 36.2 31.1 46.7

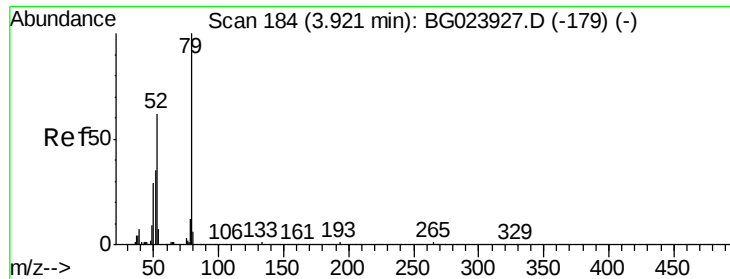


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.28 ng

RT: 3.87 min Scan# 176

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

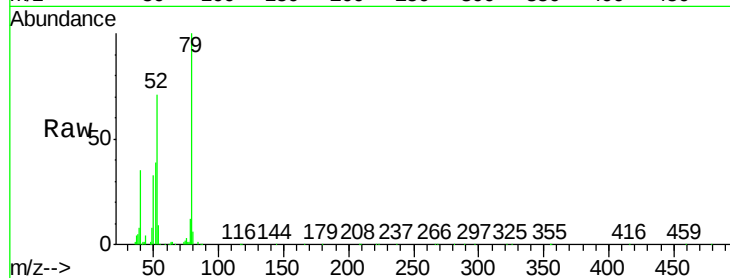
Tot Ion: 79 Resp: 169440

Ion Ratio Lower Upper

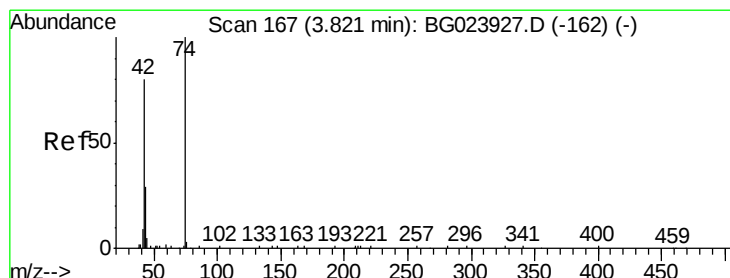
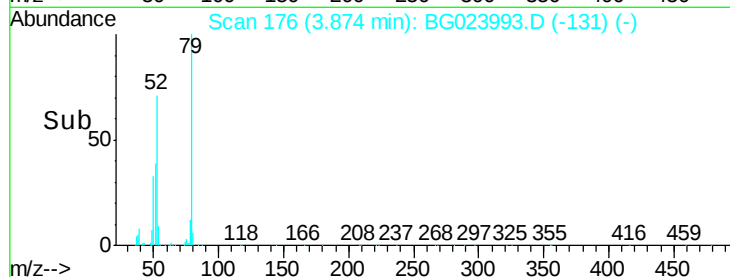
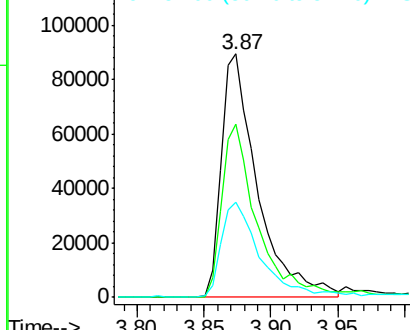
79 100

52 71.2 51.8 77.8

51 39.0 32.7 49.1



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: 49.42 ng

RT: 3.79 min Scan# 161

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

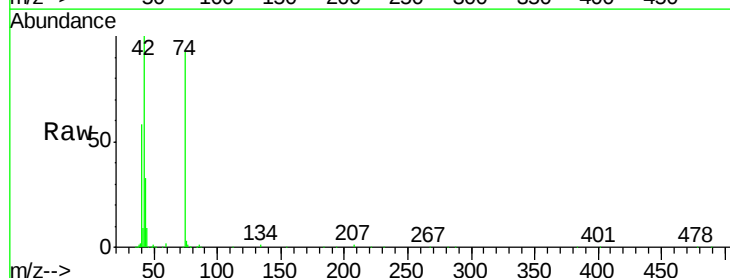
Tgt Ion: 42 Resp: 104393

Ion Ratio Lower Upper

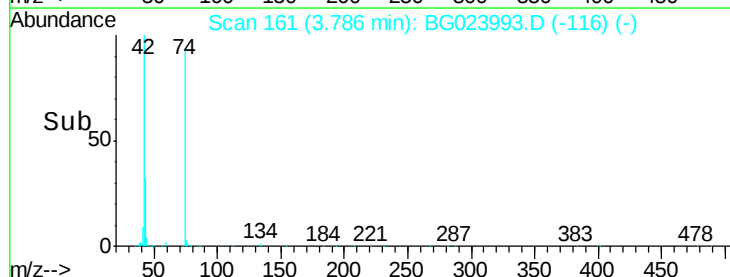
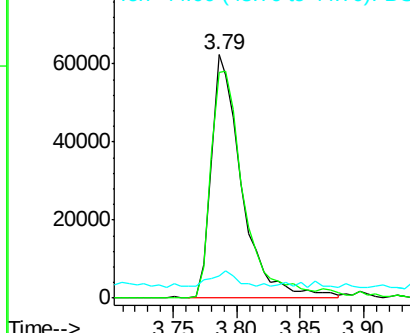
42 100

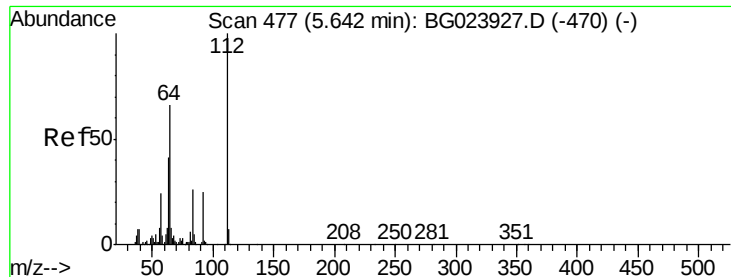
74 92.8 100.6 150.8#

44 9.1 4.5 6.7#



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: 82.96 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

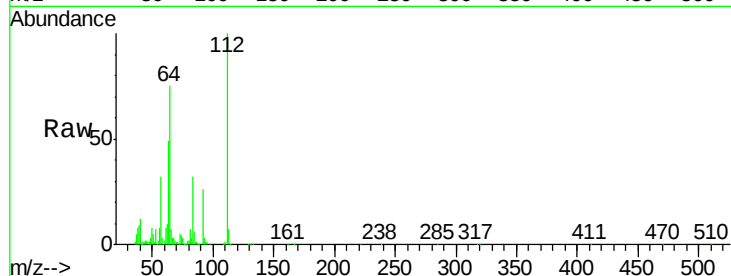
Tot Ion:112 Resp: 268243

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

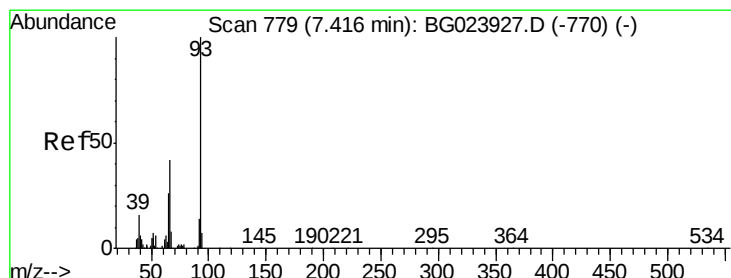
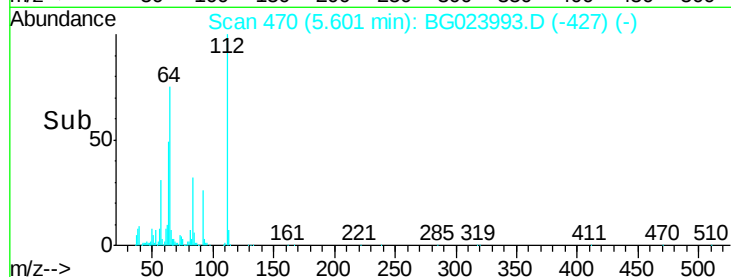
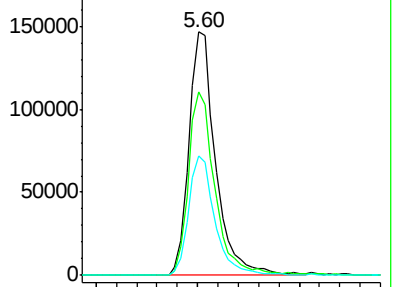
63 49.2 37.8 56.8



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: 41.81 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

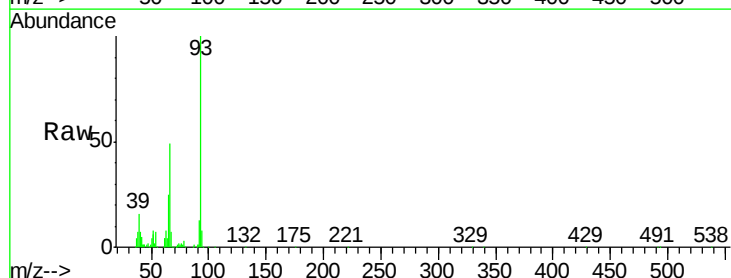
Tgt Ion: 93 Resp: 276206

Ion Ratio Lower Upper

93 100

66 49.2 37.5 56.3

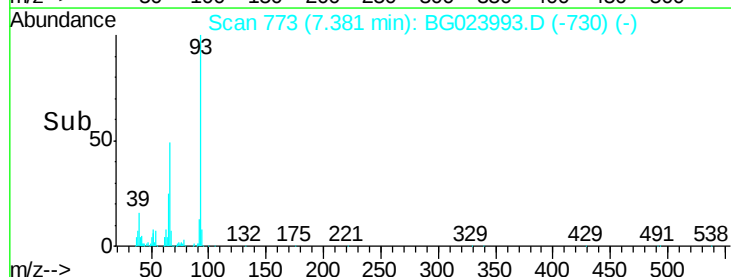
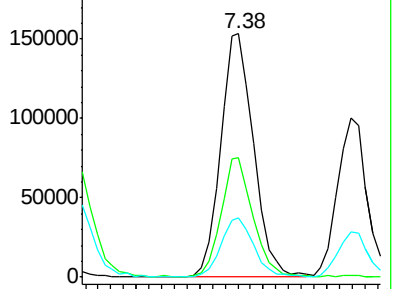
65 24.6 17.9 26.9

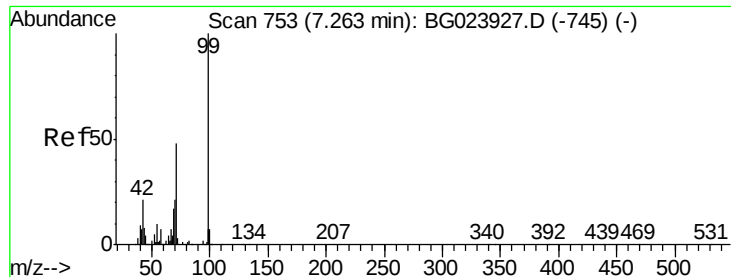


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.08 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

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ClientSampleId :

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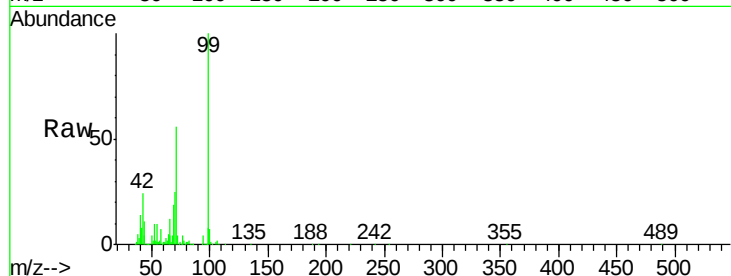
Tot Ion: 99 Resp: 398580

Ion Ratio Lower Upper

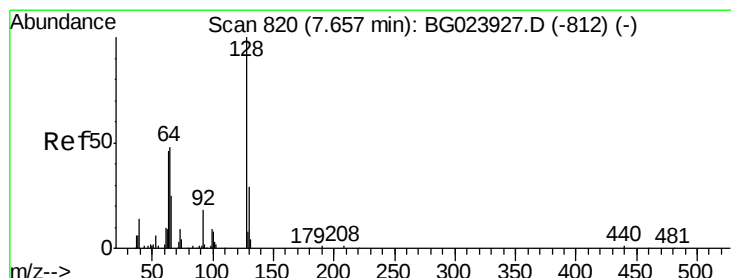
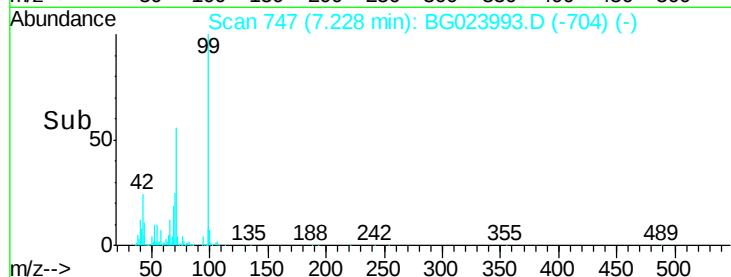
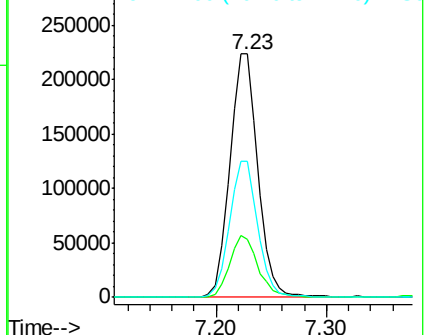
99 100

42 23.9 17.8 26.6

71 55.9 41.5 62.3



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: 39.60 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

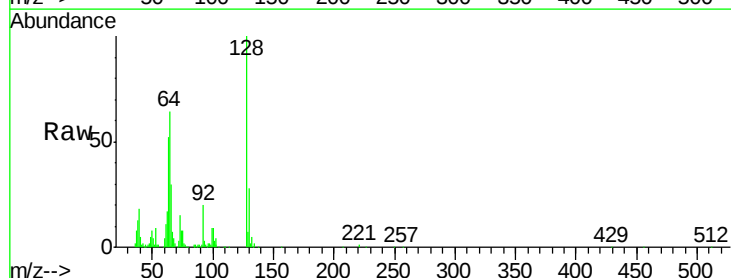
Tgt Ion: 128 Resp: 148340

Ion Ratio Lower Upper

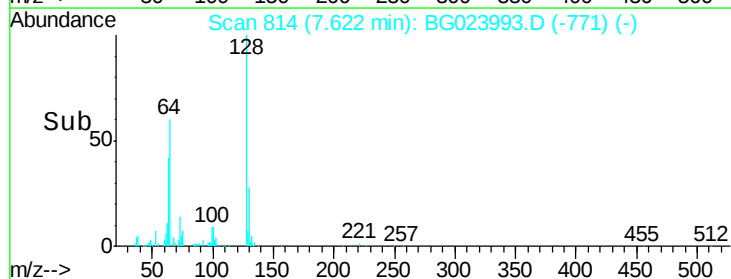
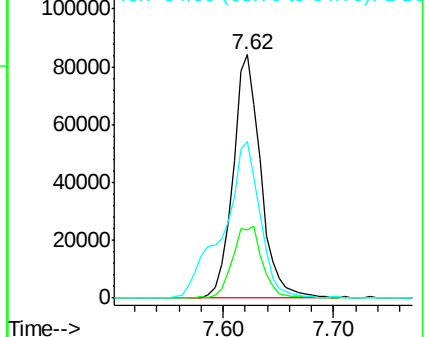
128 100

130 28.2 12.9 52.9

64 64.4 42.0 82.0



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: 38.87 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

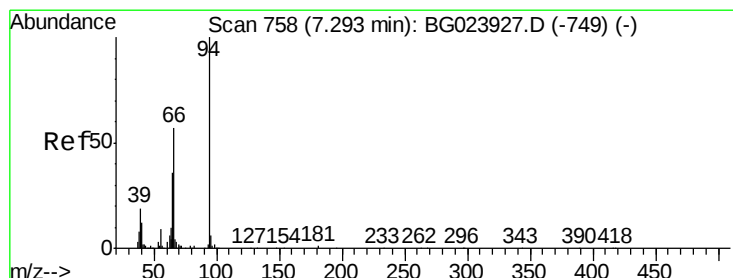
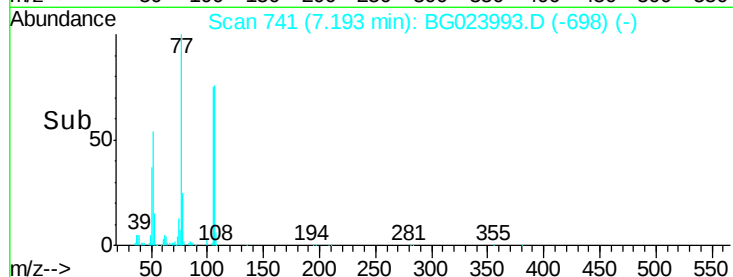
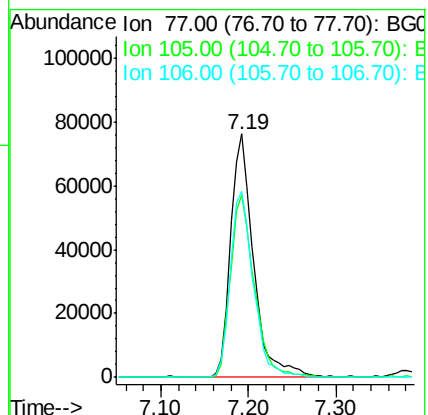
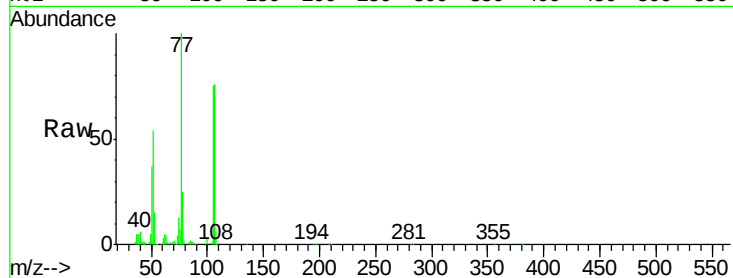
Tot Ion: 77 Resp: 137464

Ion Ratio Lower Upper

77 100

105 74.7 58.7 98.7

106 76.4 67.5 107.5



#10

Phenol

Concen: 39.32 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

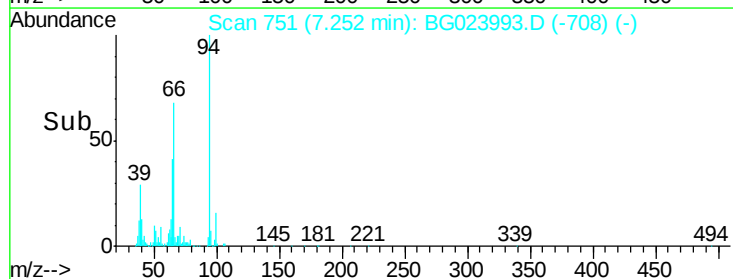
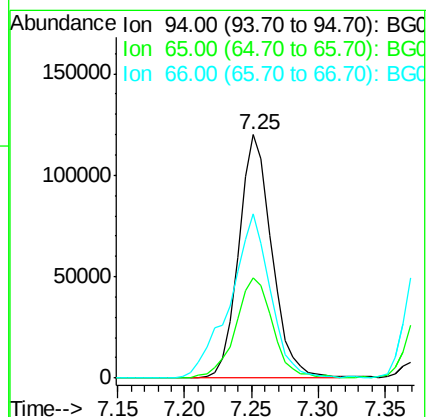
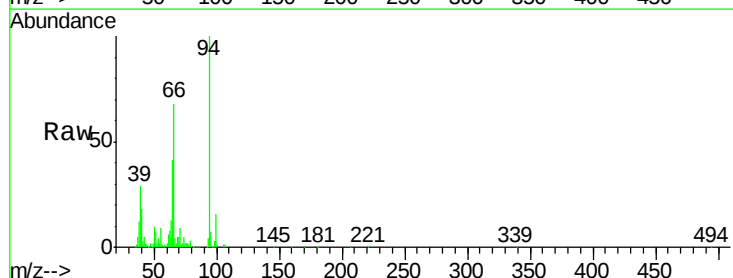
Tgt Ion: 94 Resp: 205874

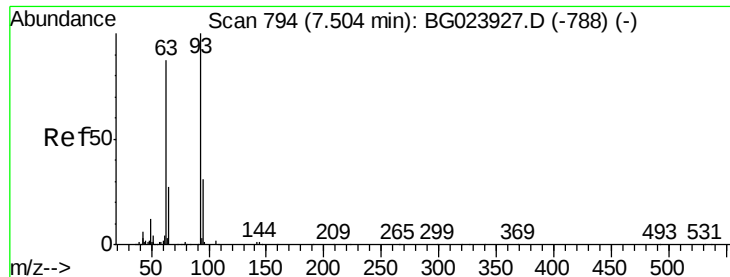
Ion Ratio Lower Upper

94 100

65 41.0 18.1 58.1

66 67.7 42.1 82.1

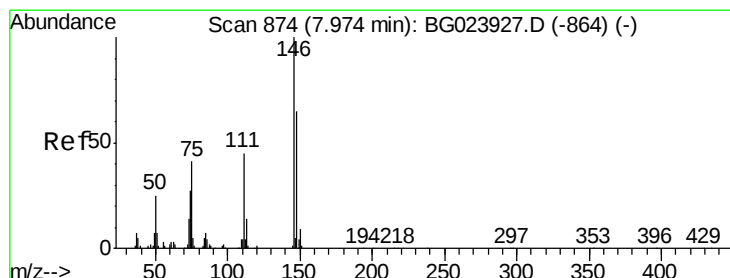
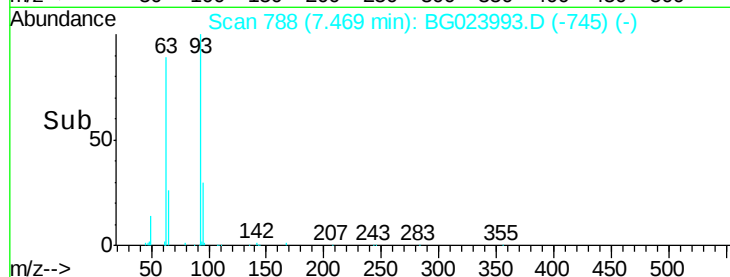
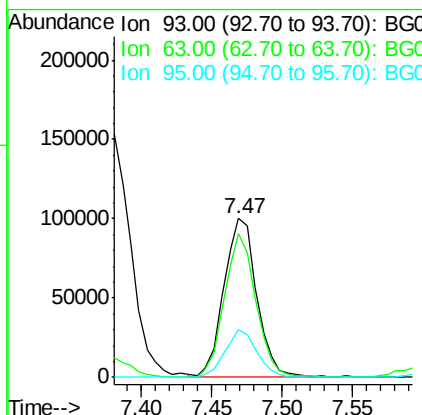
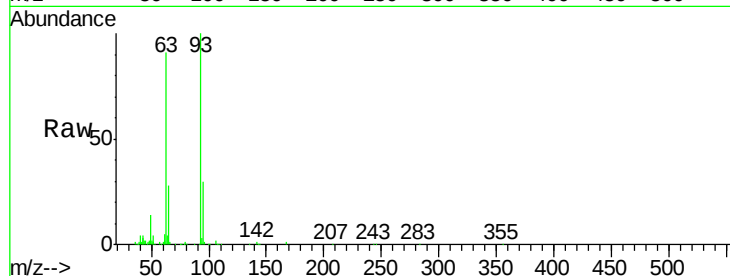




#11
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

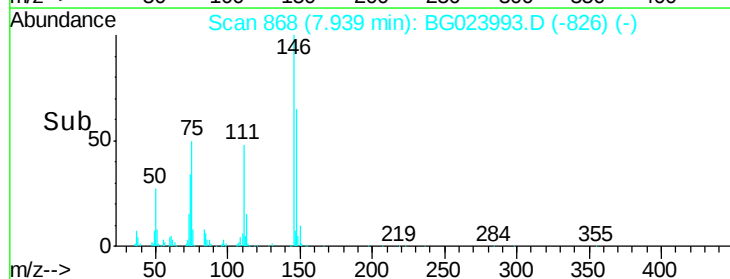
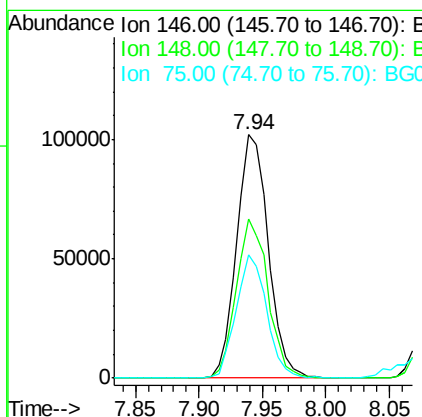
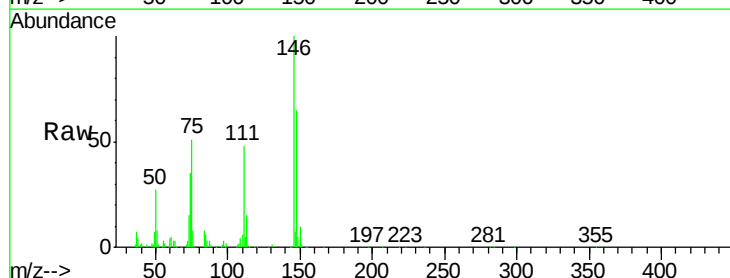
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	160308
Ion	Ratio	Lower	Upper
93	100		
63	90.9	55.0	95.0
95	30.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:	146	Resp:	176579
Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
75	50.5	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 38.50 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

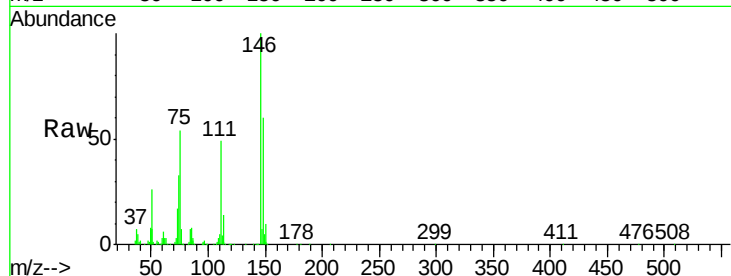
Tot Ion:146 Resp: 178816

Ion Ratio Lower Upper

146 100

148 60.2 54.5 81.7

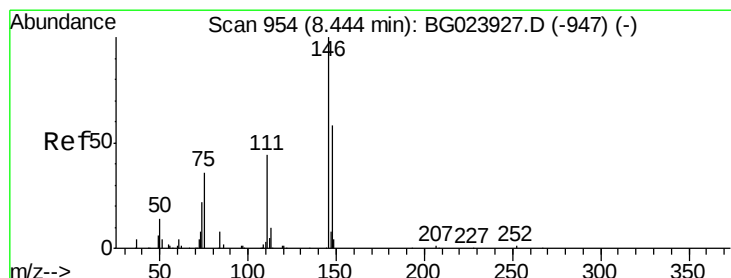
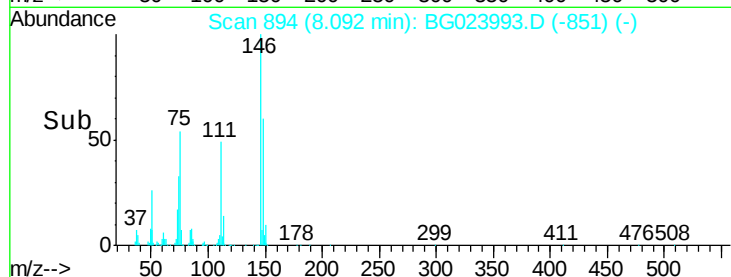
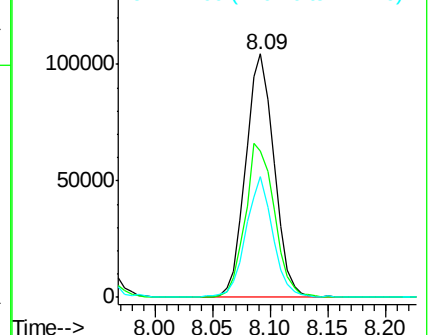
111 49.5 37.8 56.8



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



#14

1,2-Dichlorobenzene

Concen: 39.90 ng

RT: 8.41 min Scan# 949

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

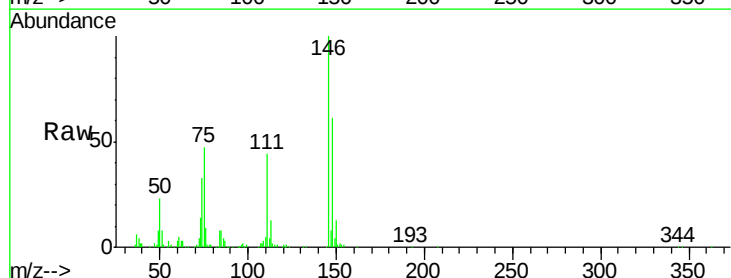
Tgt Ion:146 Resp: 173951

Ion Ratio Lower Upper

146 100

148 61.3 52.9 79.3

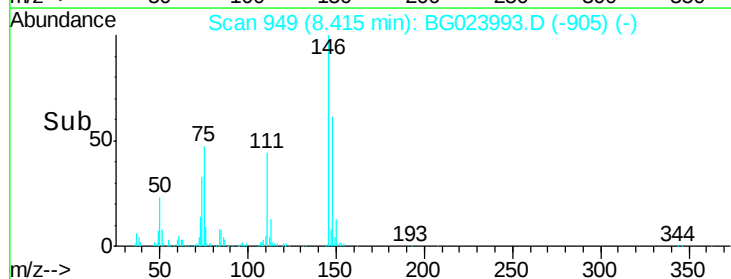
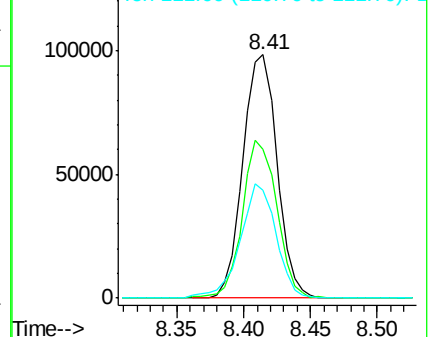
111 44.3 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

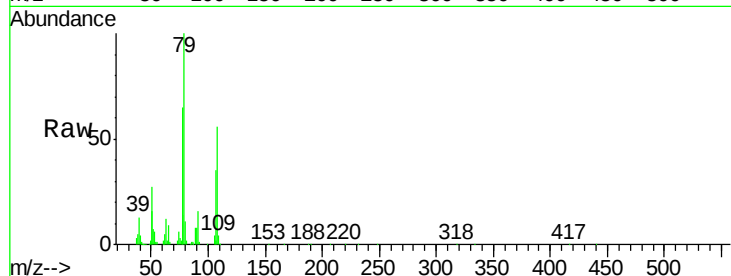
Tot Ion: 79 Resp: 194799

Ion Ratio Lower Upper

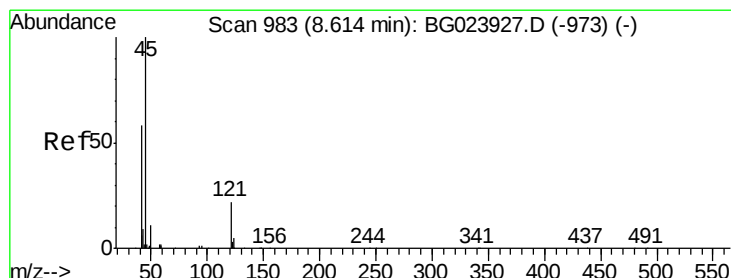
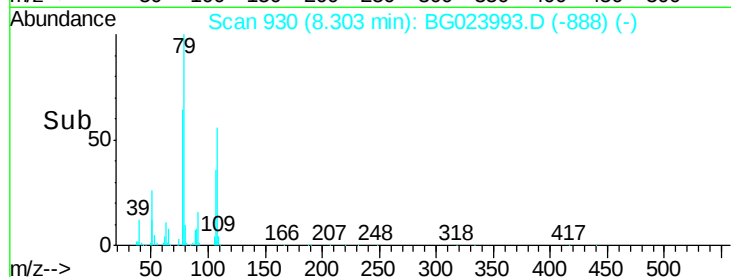
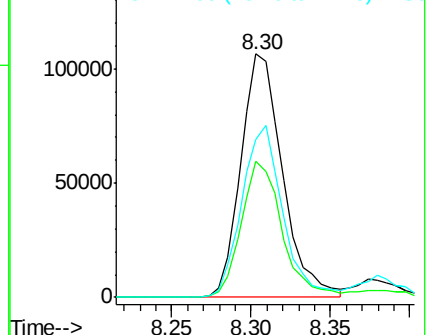
79 100

108 56.1 46.5 69.7

77 64.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.74 ng

RT: 8.58 min Scan# 977

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

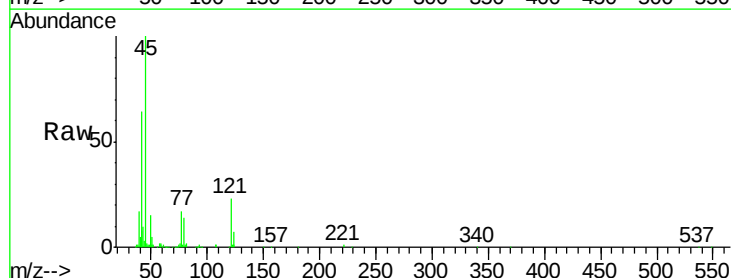
Tgt Ion: 45 Resp: 224955

Ion Ratio Lower Upper

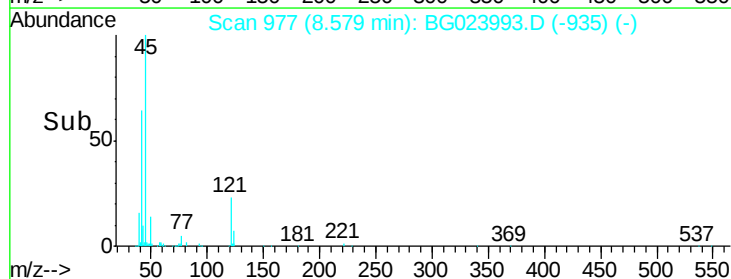
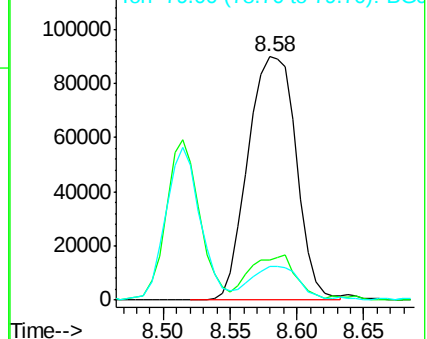
45 100

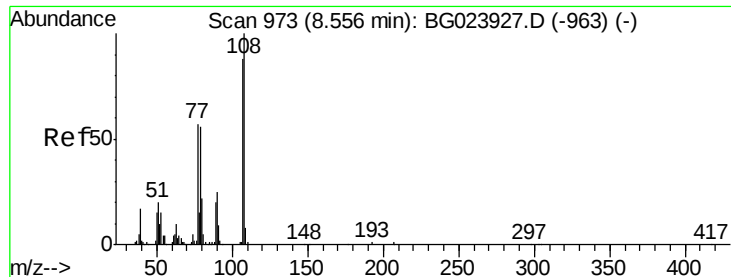
77 16.6 0.6 40.6

79 13.9 0.0 36.2



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





#17

2-Methylphenol

Concen: 39.79 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 140353

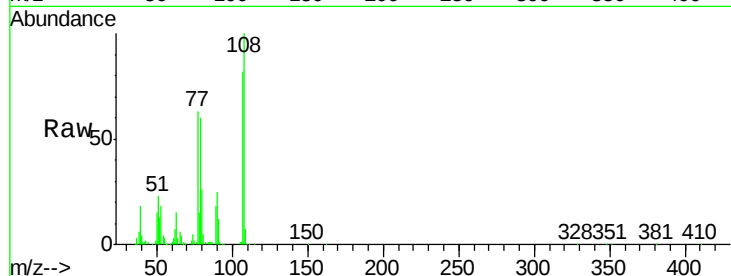
Ion Ratio Lower Upper

107 100

108 121.7 92.0 138.0

77 76.8 55.8 83.6

79 73.0 55.0 82.6



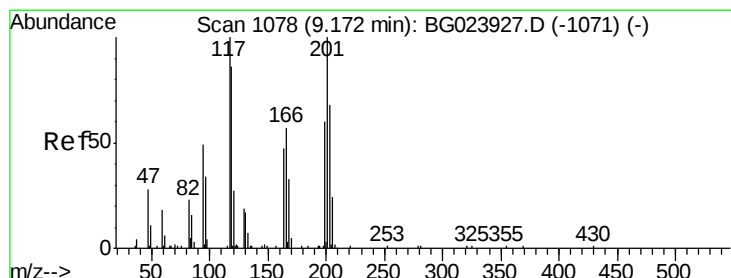
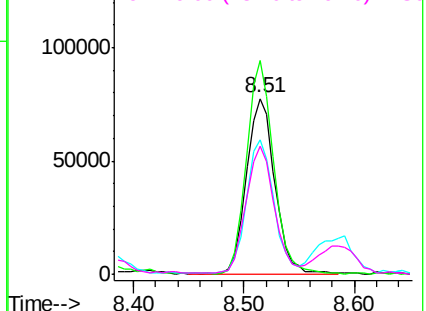
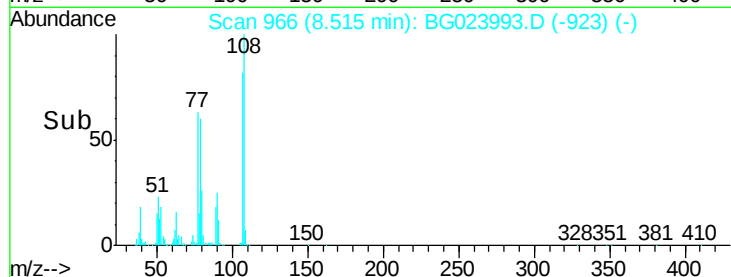
Abundance

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: 42.10 ng

RT: 9.14 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

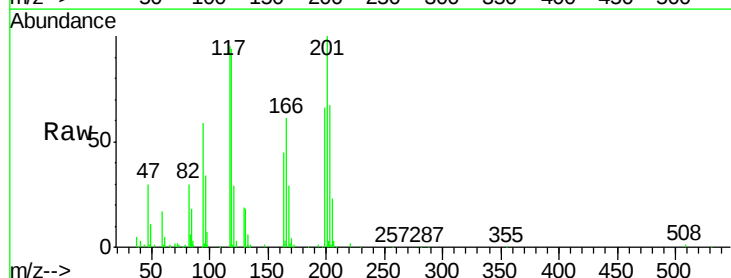
Tgt Ion:117 Resp: 75298

Ion Ratio Lower Upper

117 100

119 99.2 73.7 110.5

201 105.8 88.7 133.1

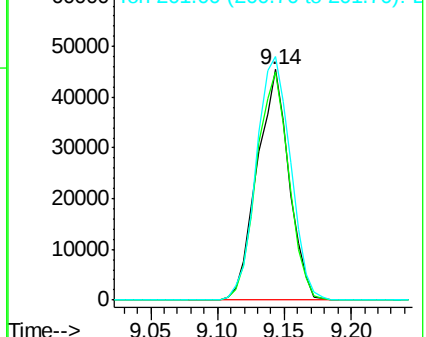
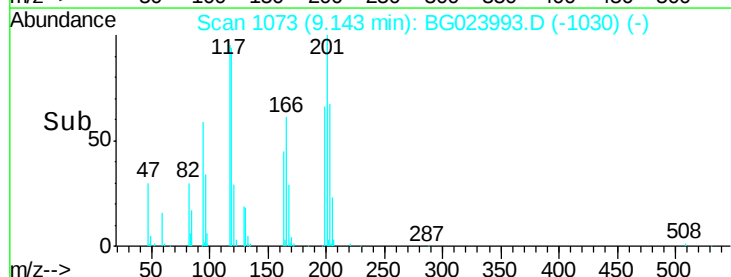


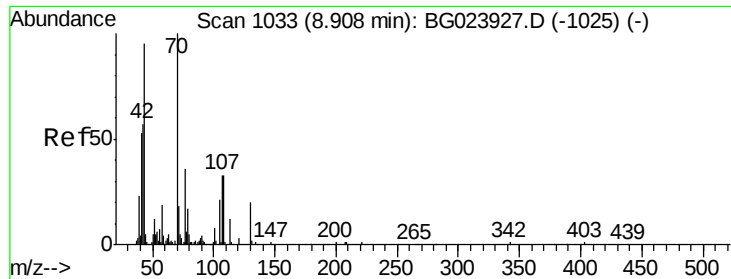
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

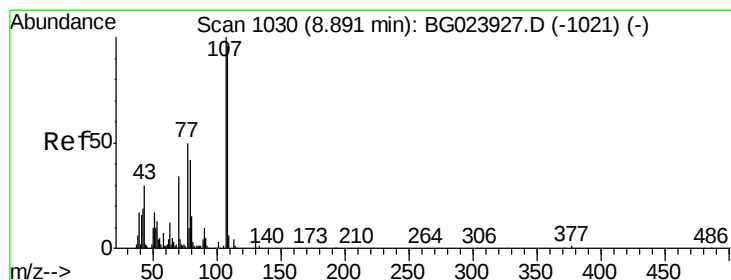
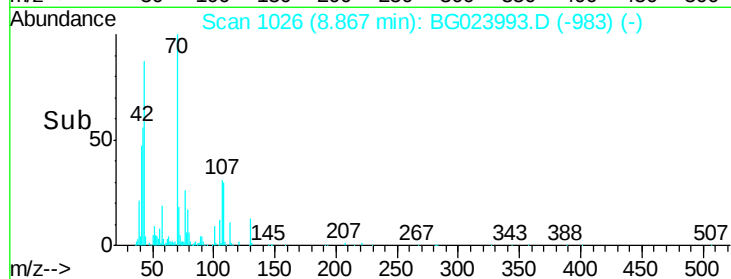
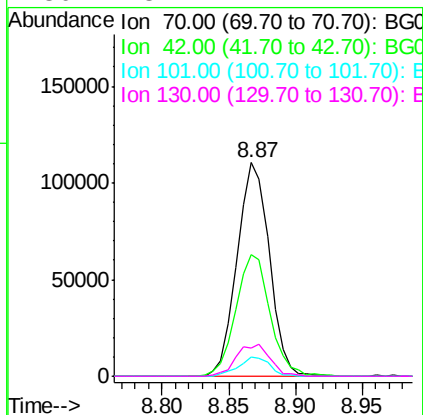
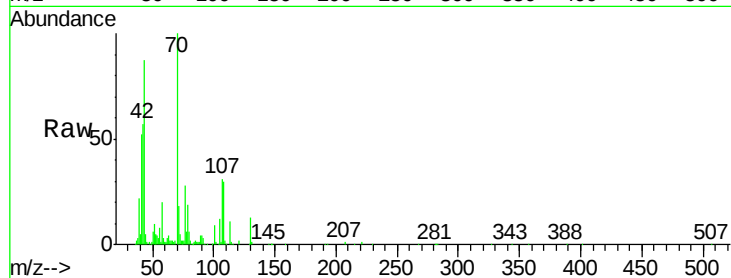




#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

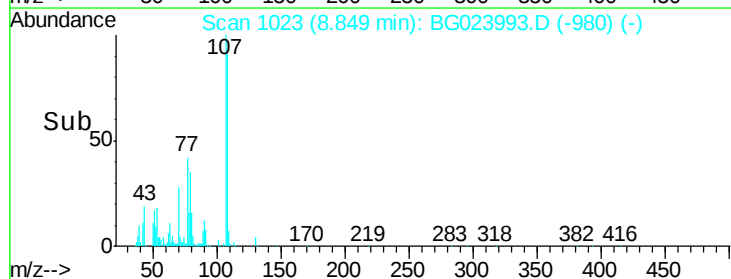
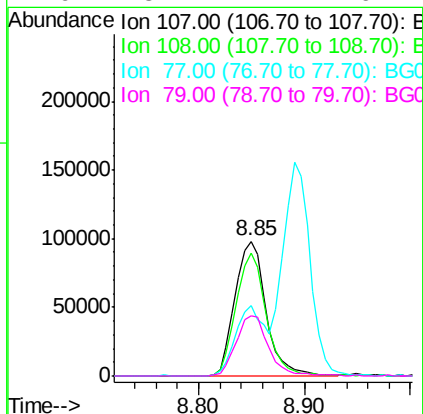
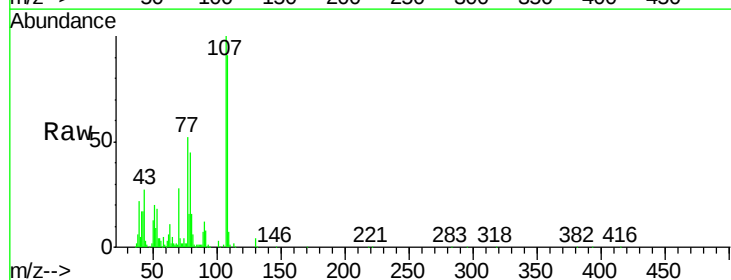
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

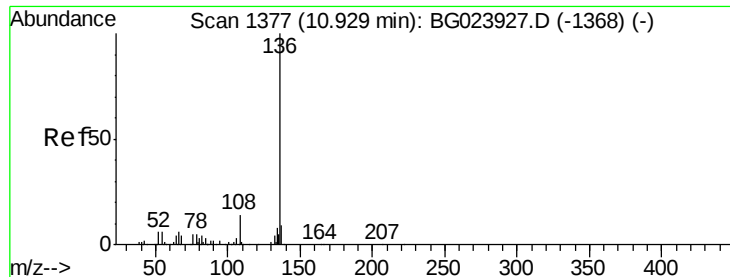
Tot Ion: 70 Resp: 185274
Ion Ratio Lower Upper
70 100
42 56.8 42.1 63.1
101 9.0 7.2 10.8
130 13.1 14.2 21.2#



#20
3+4-Methylphenols
Concen: 40.56 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:107 Resp: 199410
Ion Ratio Lower Upper
107 100
108 91.1 72.5 112.5
77 52.3 30.1 70.1
79 45.1 24.2 64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 270990

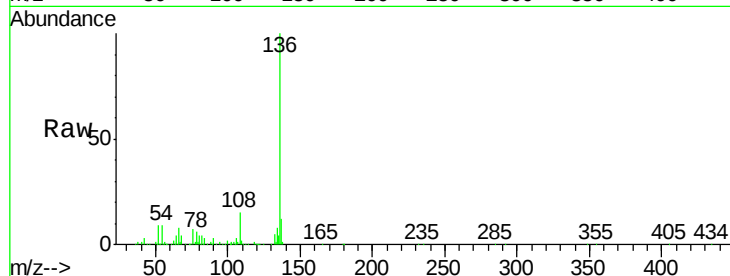
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 9.4 7.3 10.9

68 4.5 5.3 7.9#

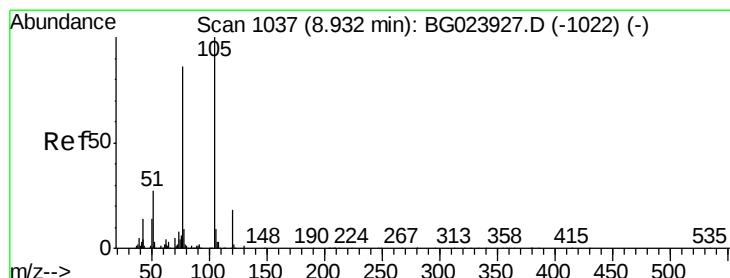
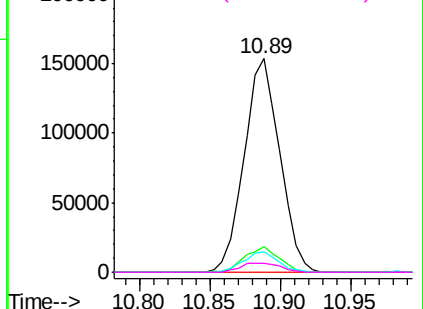
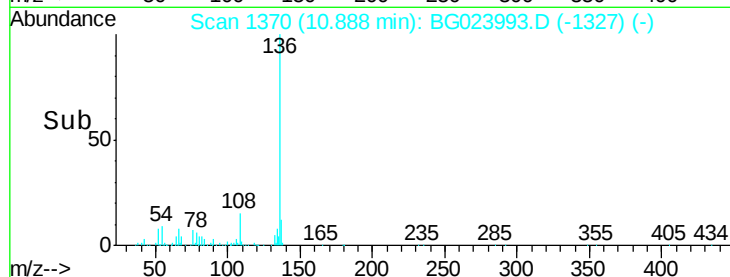


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.06 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Tgt Ion:105 Resp: 295065

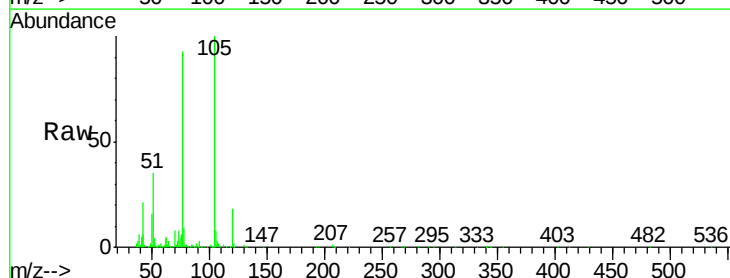
Ion Ratio Lower Upper

105 100

71 1.3 2.6 3.8#

51 34.7 27.1 40.7

120 18.4 15.1 22.7

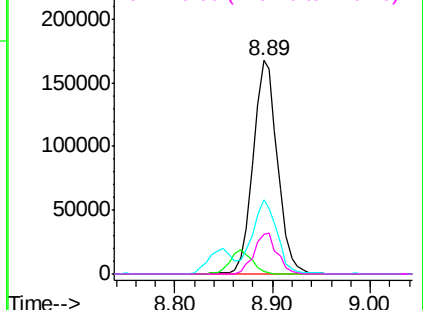
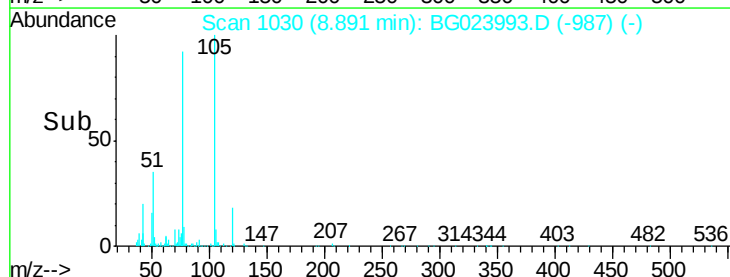


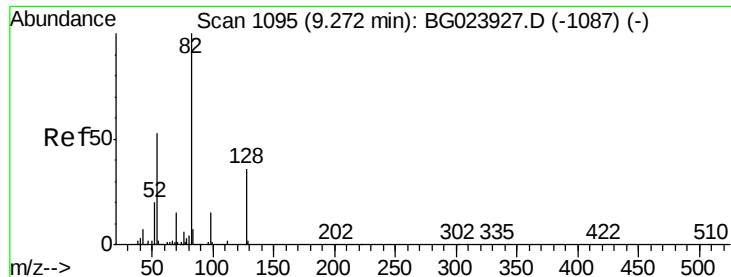
Abundance Ion 105.00 (104.70 to 105.70): E

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

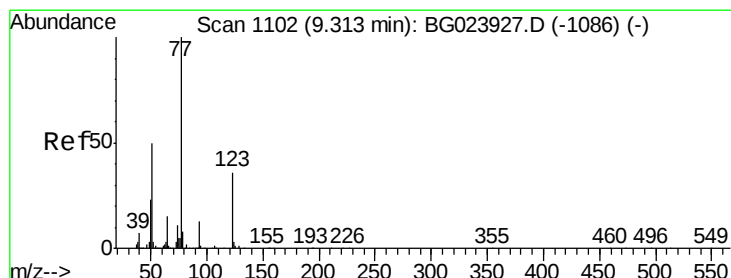
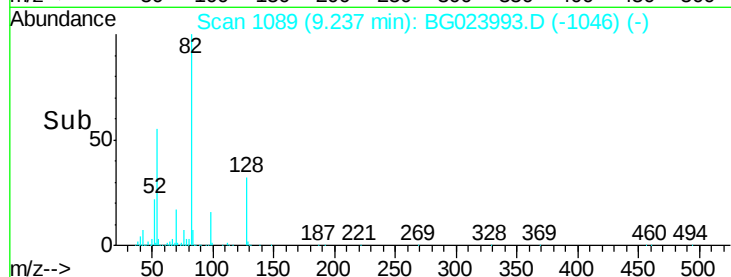
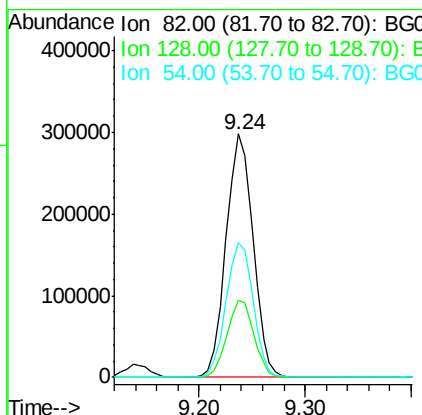
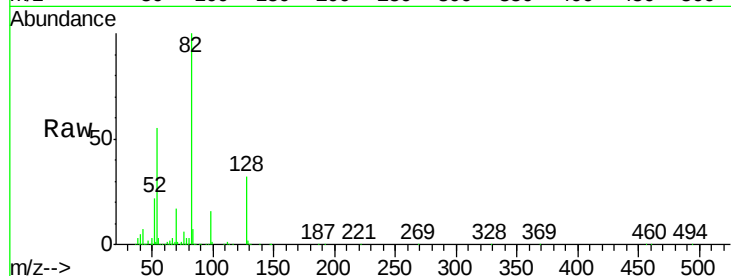




#23
 Nitrobenzene-d5
 Concen: 86.80 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

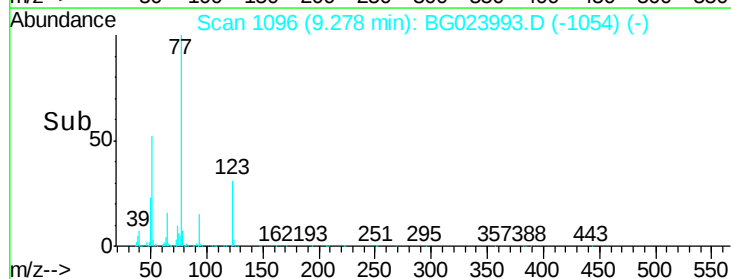
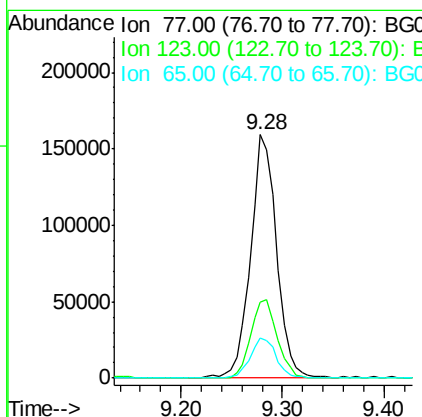
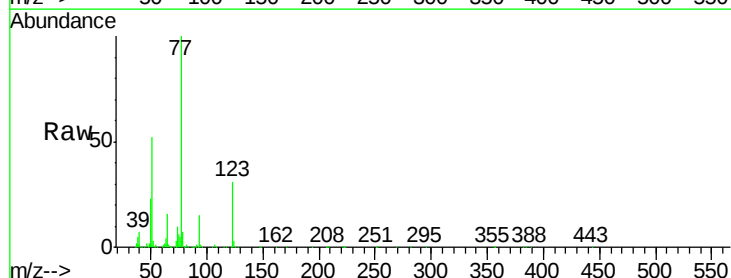
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

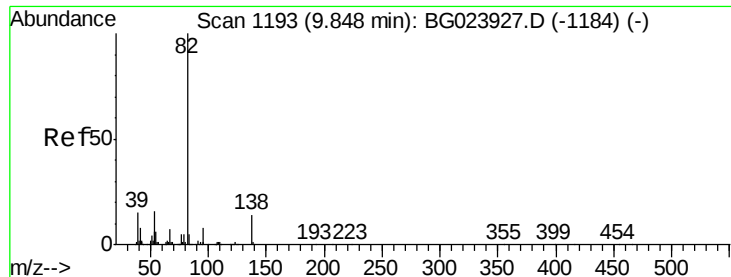
Tot Ion	82	Resp	526863
Ion Ratio	Lower	Upper	
82	100		
128	31.8	24.4	36.6
54	55.4	41.4	62.0



#24
 Nitrobenzene
 Concen: 43.48 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion	77	Resp	283809
Ion Ratio	Lower	Upper	
77	100		
123	31.1	25.0	37.6
65	16.2	13.4	20.0





#25

Isophorone

Concen: 41.53 ng

RT: 9.81 min Scan# 1186

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

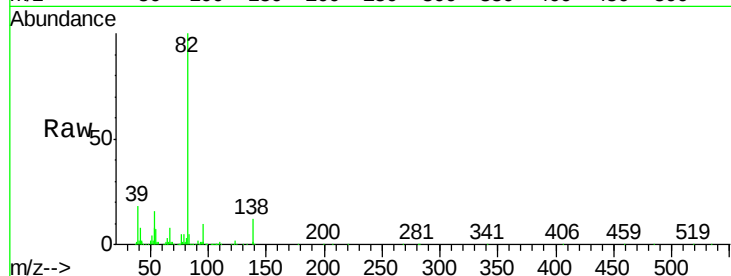
Tot Ion: 82 Resp: 488818

Ion Ratio Lower Upper

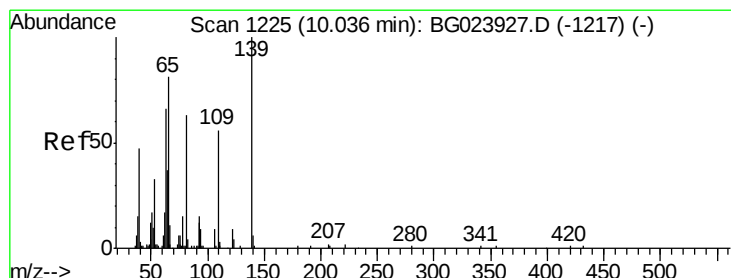
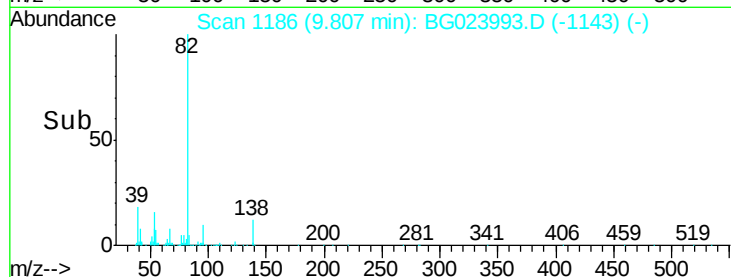
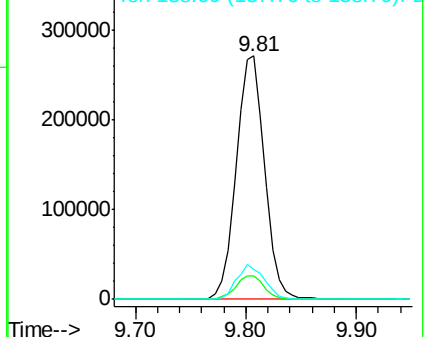
82 100

95 9.6 8.2 12.2

138 12.4 10.7 16.1



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



#26

2-Nitrophenol

Concen: 41.86 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

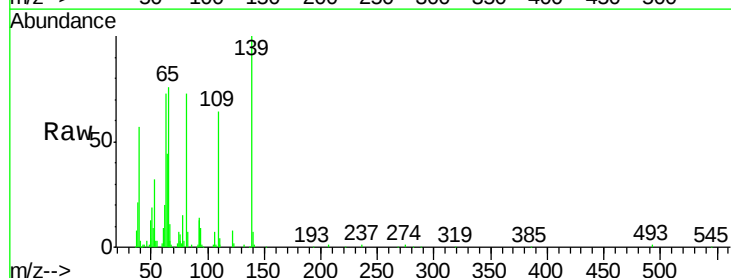
Tgt Ion: 139 Resp: 103862

Ion Ratio Lower Upper

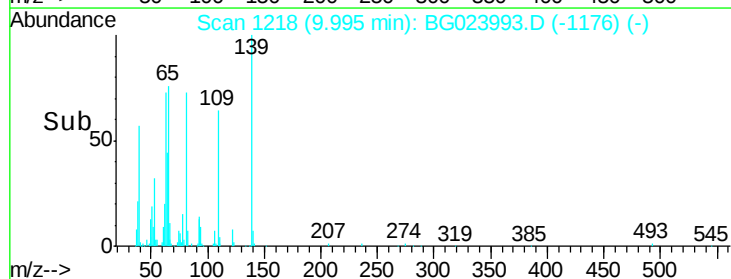
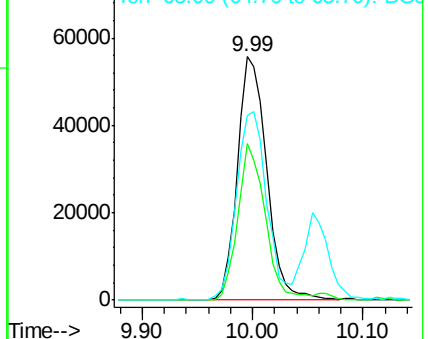
139 100

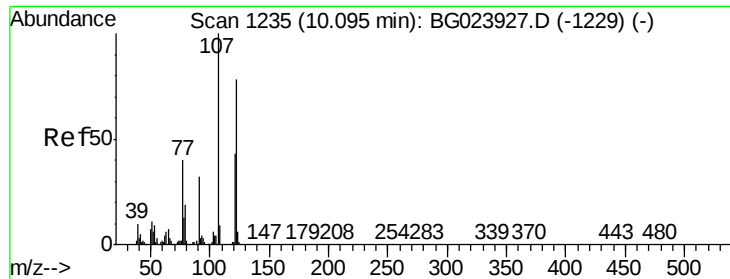
109 64.2 43.5 65.3

65 75.9 64.3 96.5



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

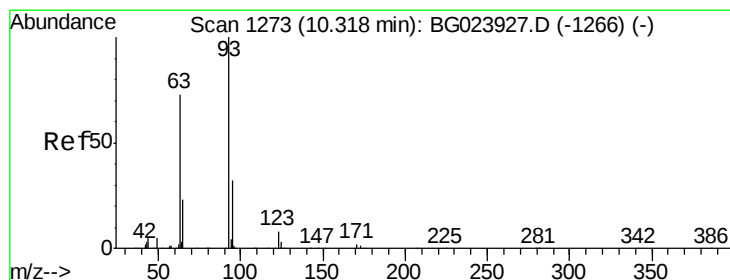
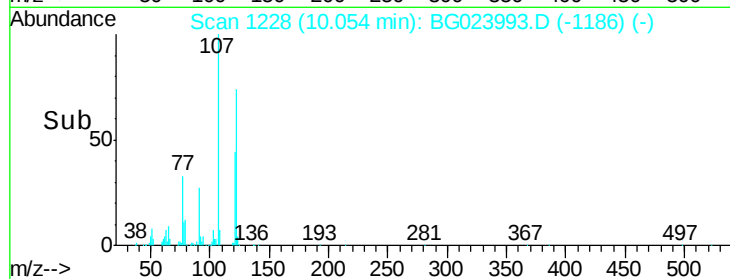
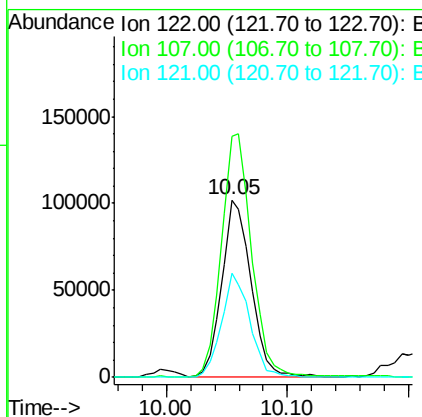
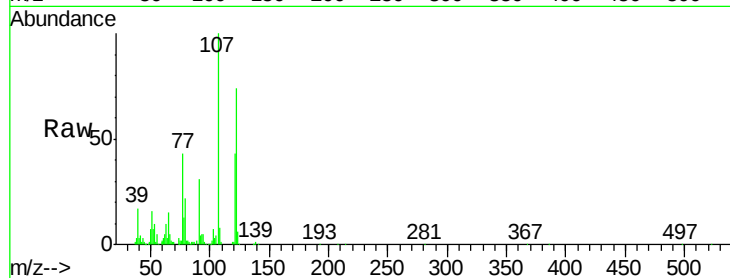




#27
 2,4-Dimethylphenol
 Concen: 40.34 ng
 RT: 10.05 min Scan# 1228
 Delta R.T. -0.05 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

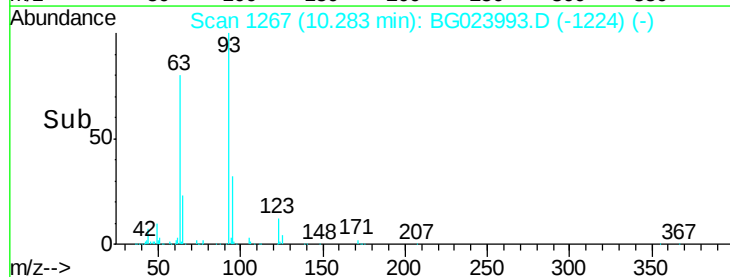
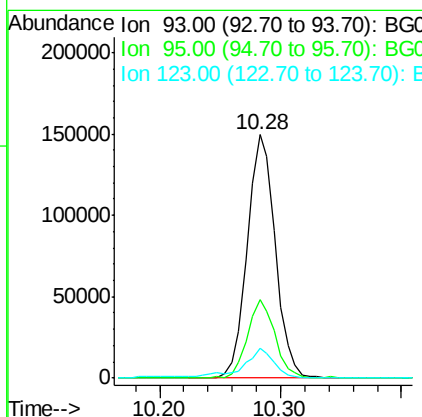
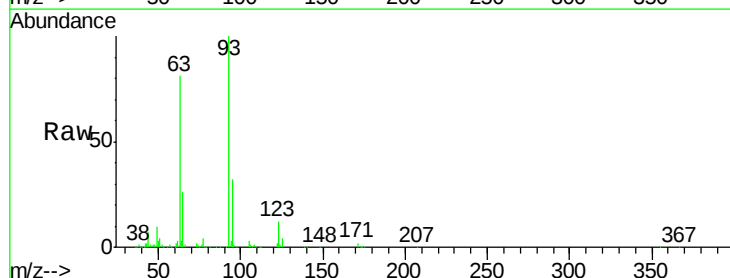
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

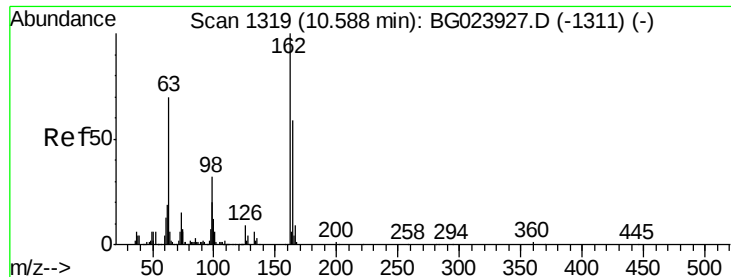
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	117.0	175.4
121	58.8	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.80 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.05 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	12.5	8.2	12.2#

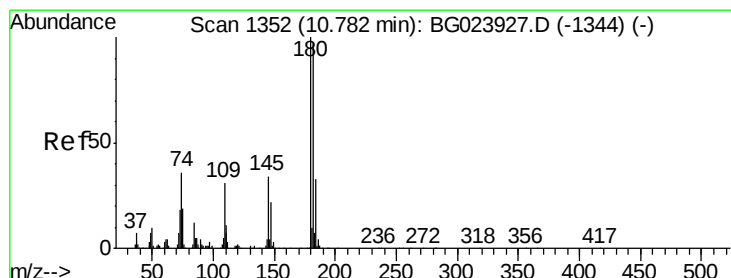
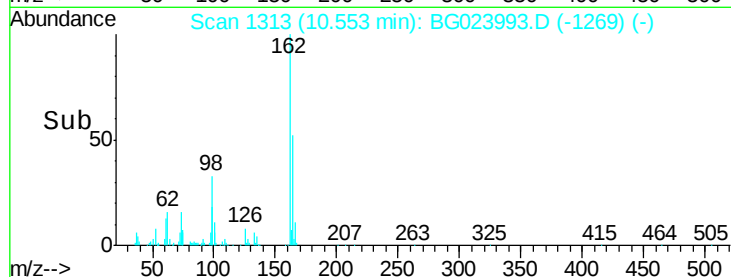
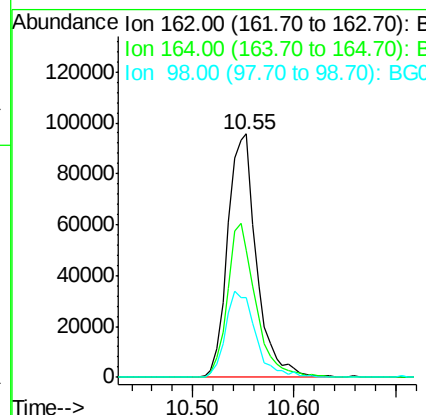
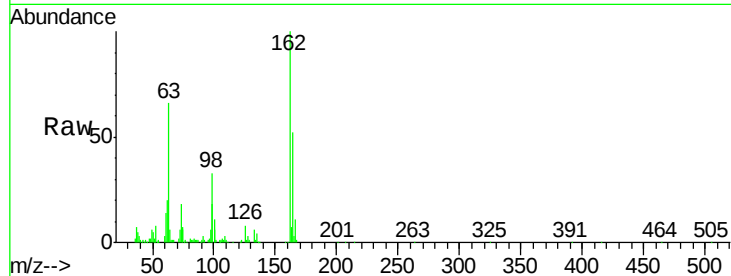




#29
2,4-Dichlorophenol
Concen: 42.22 ng
RT: 10.55 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

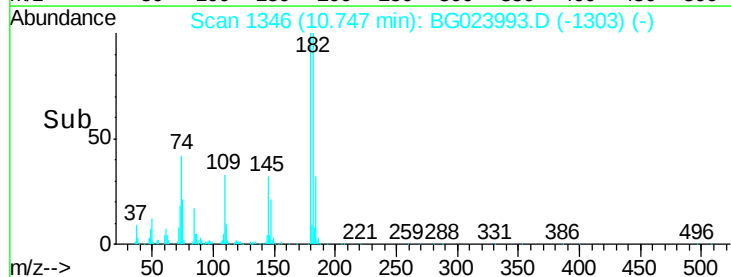
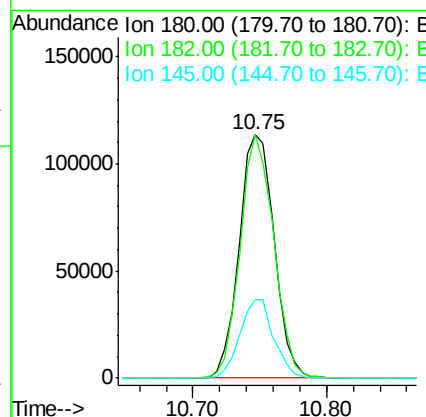
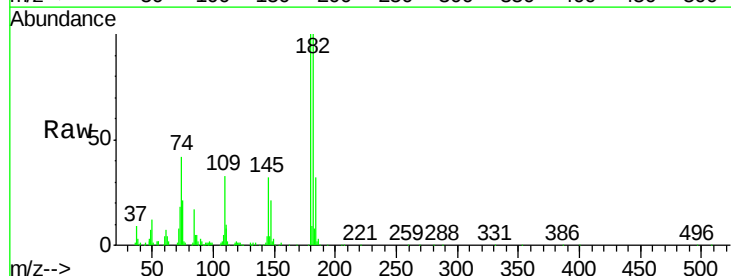
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

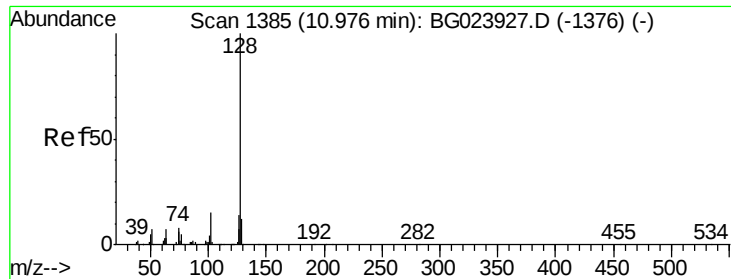
Tot Ion	Ratio	Lower	Upper
162	100		
164	52.4	44.3	84.3
98	32.9	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 41.96 ng
RT: 10.75 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	73.8	110.8
145	32.2	24.4	36.6

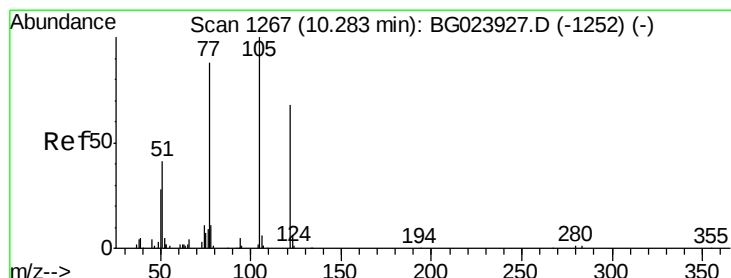
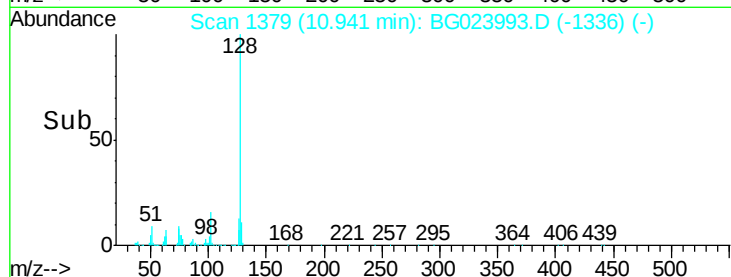
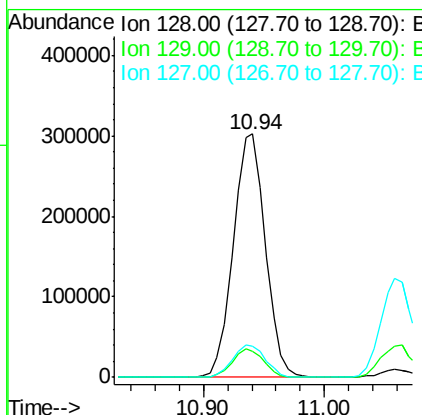
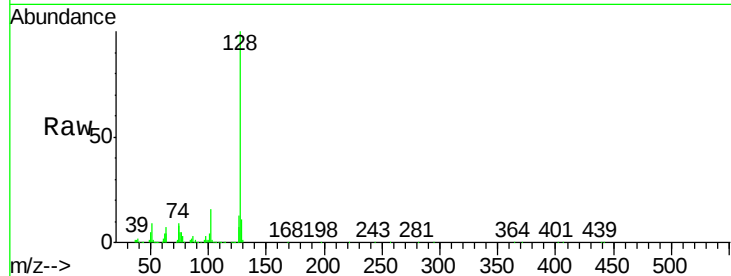




#31
Naphthalene
Concen: 40.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

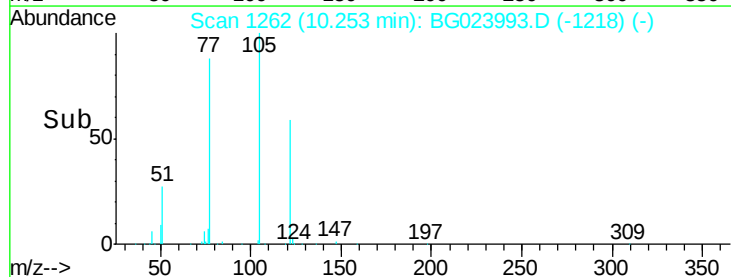
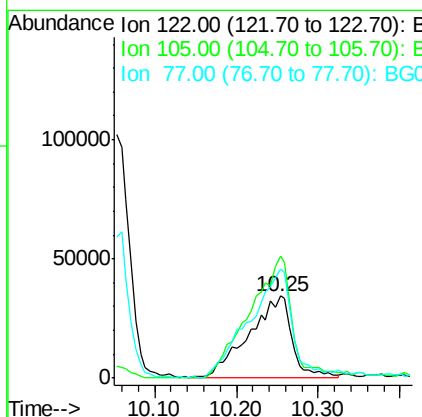
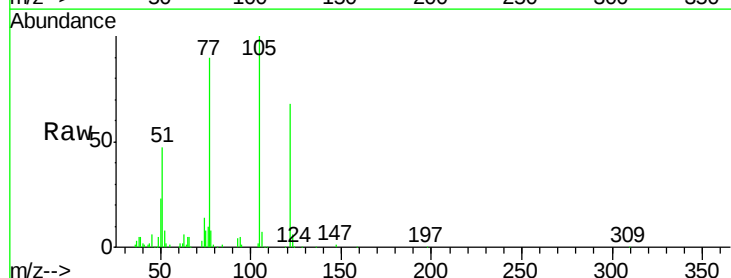
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

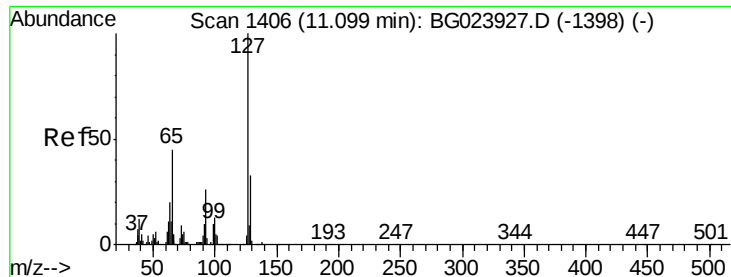
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	12.8	11.3	16.9



#32
Benzoic acid
Concen: 36.23 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.0	117.2	157.2
77	132.8	109.2	149.2

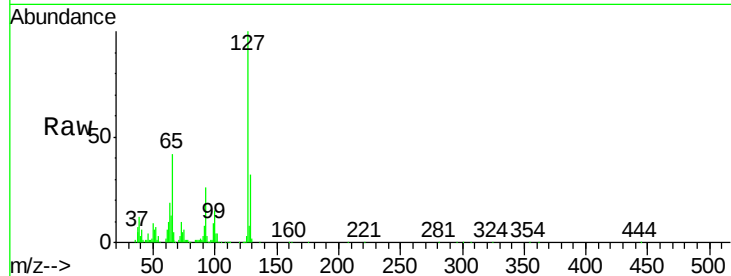




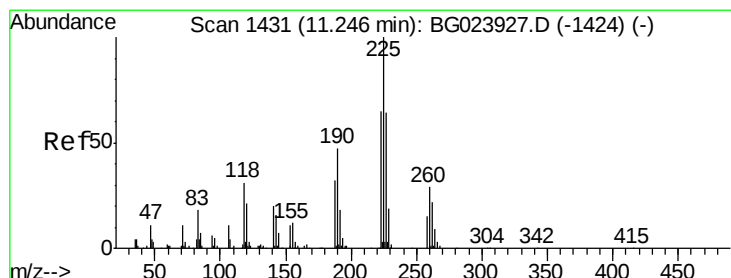
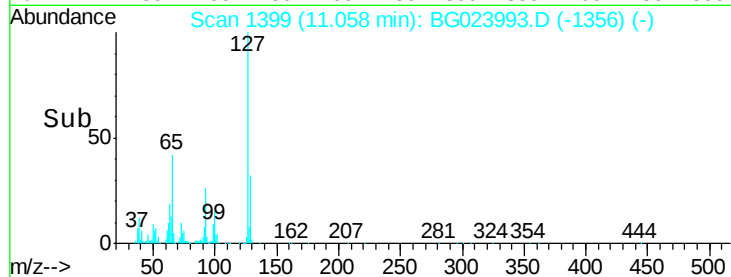
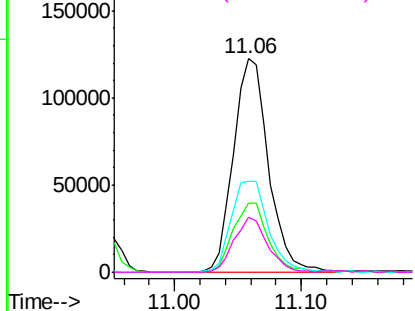
#33
4-Chloroaniline
Concen: 40.24 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	234631
Ion Ratio	Lower	Upper
127	100	
129	32.1	27.9 41.9
65	42.3	36.8 55.2
92	26.0	21.0 31.6

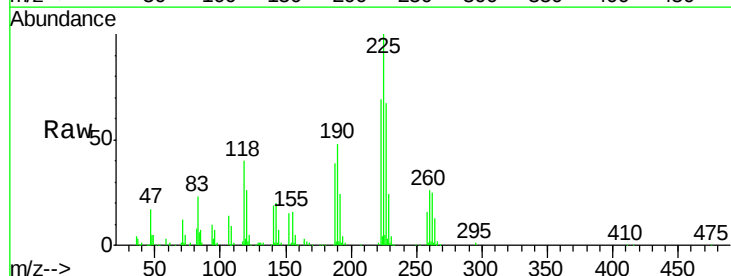


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

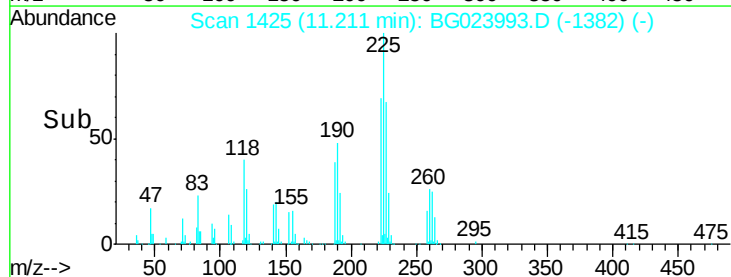
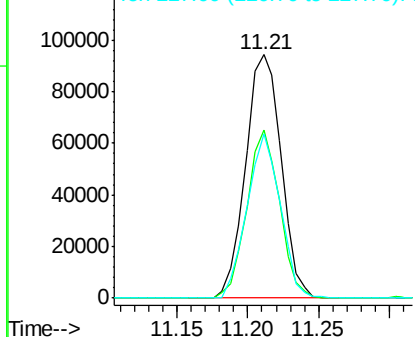


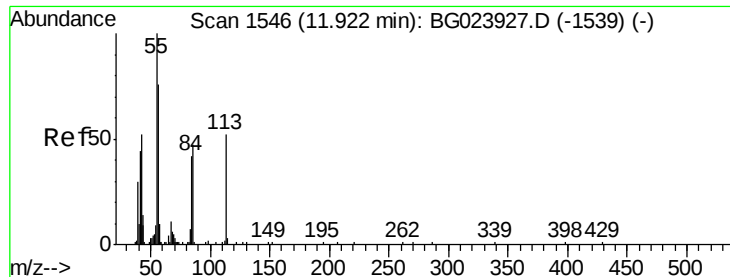
#34
Hexachlorobutadiene
Concen: 45.31 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:225	Resp:	166775
Ion Ratio	Lower	Upper
225	100	
223	69.1	49.6 74.4
227	67.3	54.5 81.7



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





#35

Caprolactam

Concen: 35.31 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

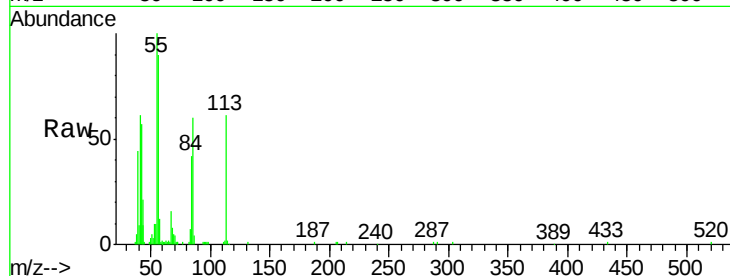
Tot Ion:113 Resp: 55602

Ion Ratio Lower Upper

113 100

55 163.4 154.5 194.5

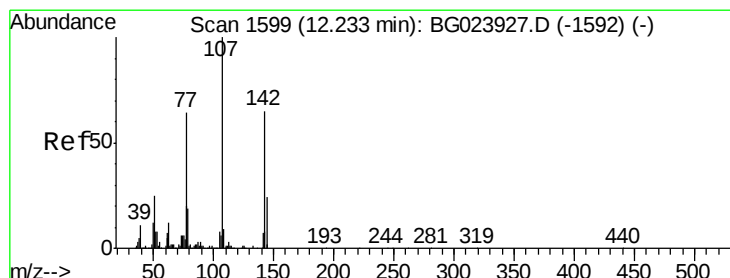
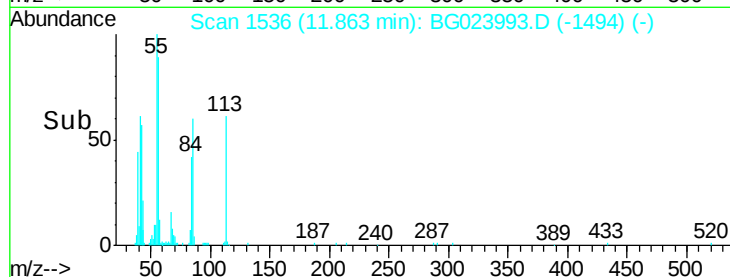
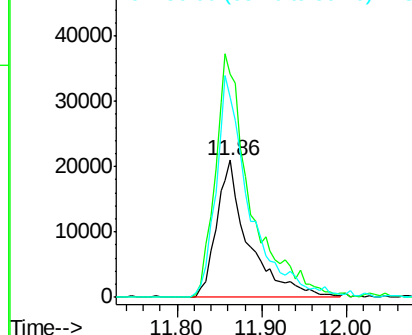
56 146.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.46 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

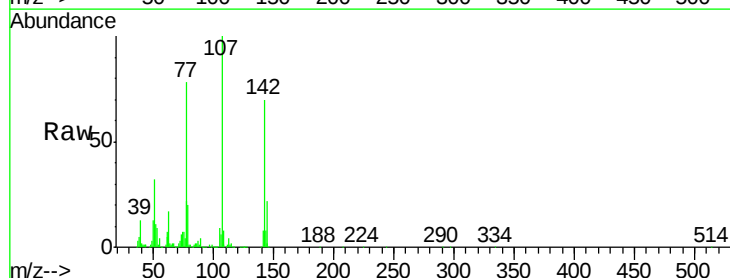
Tgt Ion:107 Resp: 229636

Ion Ratio Lower Upper

107 100

144 21.8 17.0 25.6

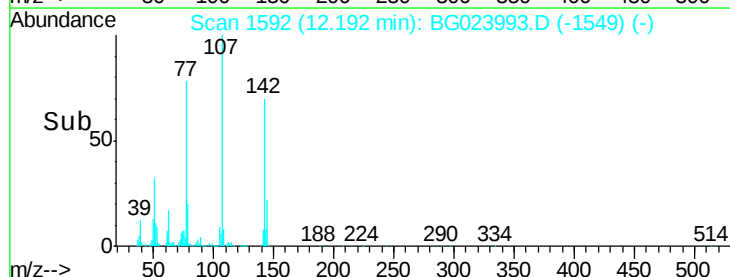
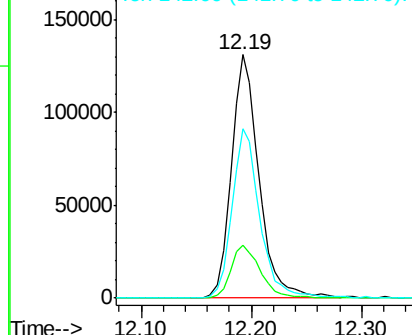
142 69.6 53.0 79.6

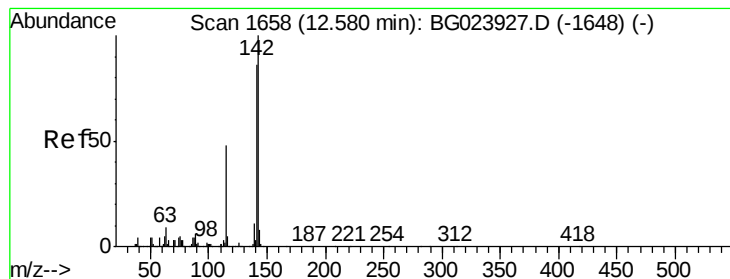


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.23 ng

RT: 12.55 min Scan# 1653

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

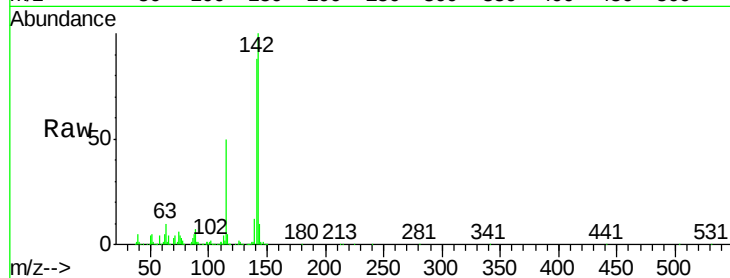
Tot Ion:142 Resp: 416744

Ion Ratio Lower Upper

142 100

141 88.4 70.2 105.2

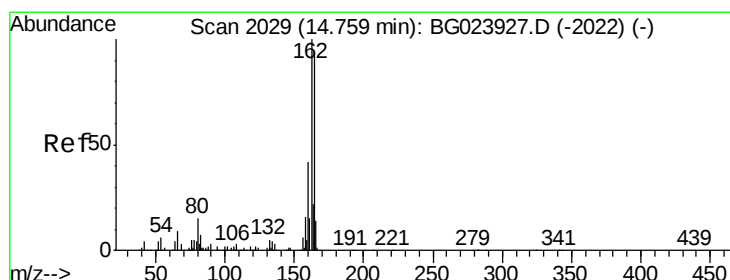
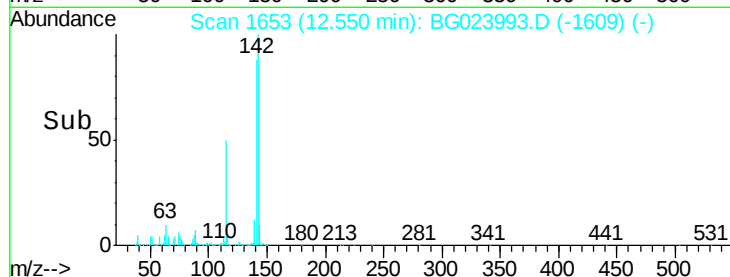
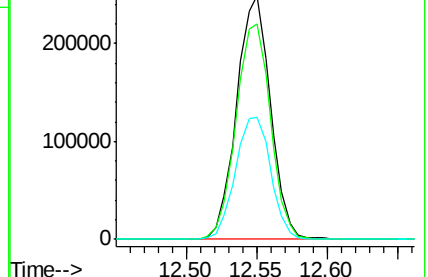
115 50.1 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

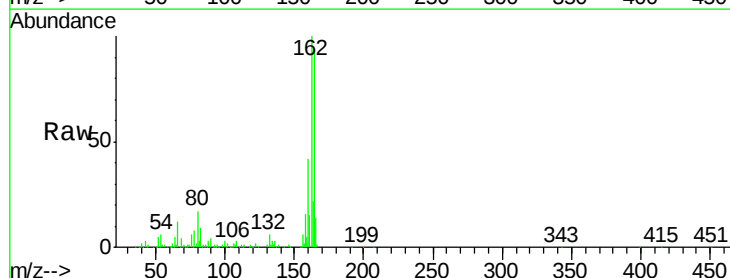
Tgt Ion:164 Resp: 196998

Ion Ratio Lower Upper

164 100

162 106.3 87.7 131.5

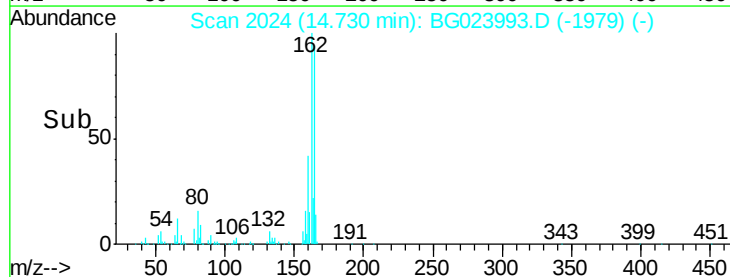
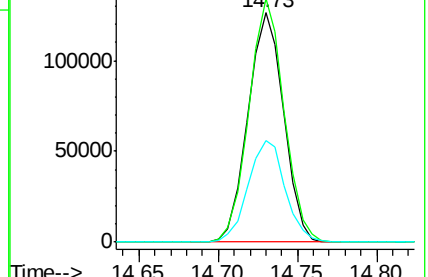
160 44.4 37.2 55.8

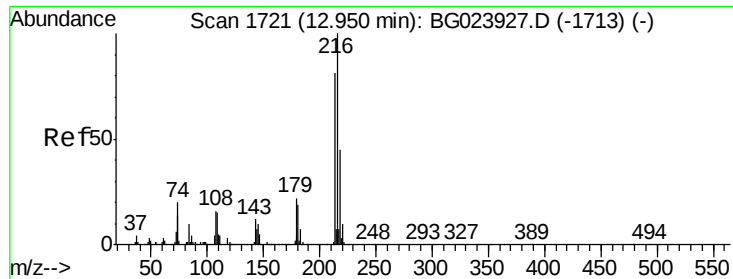


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.02 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 287826

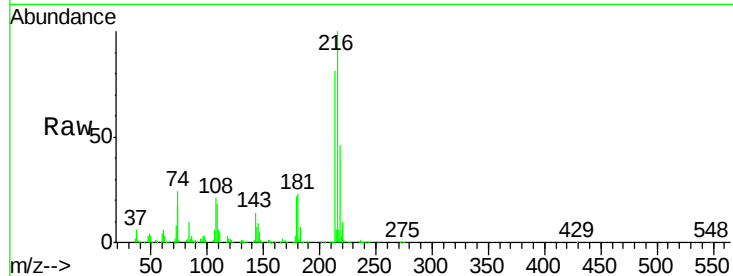
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 21.5 17.2 25.8

108 20.1 16.3 24.5

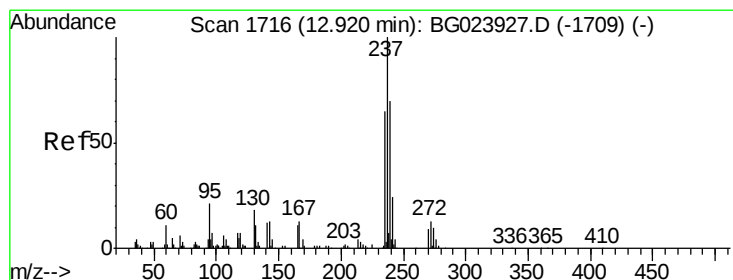
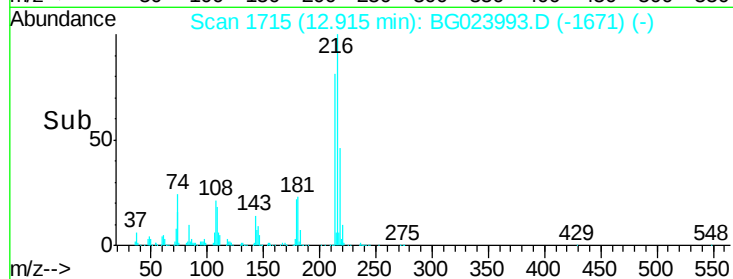
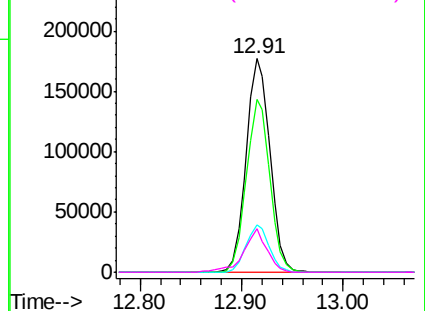


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.48 ng

RT: 12.89 min Scan# 1710

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

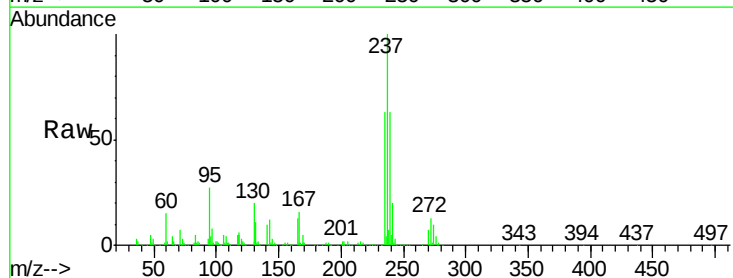
Tgt Ion:237 Resp: 161664

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

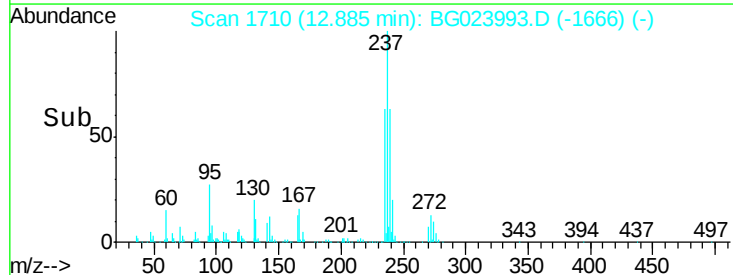
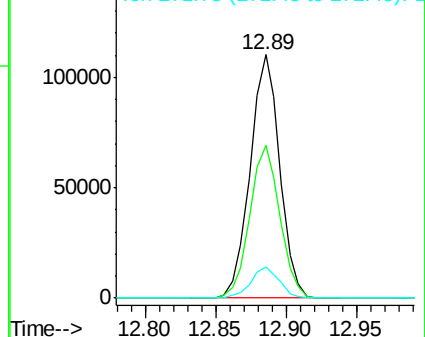
272 12.8 0.0 30.9

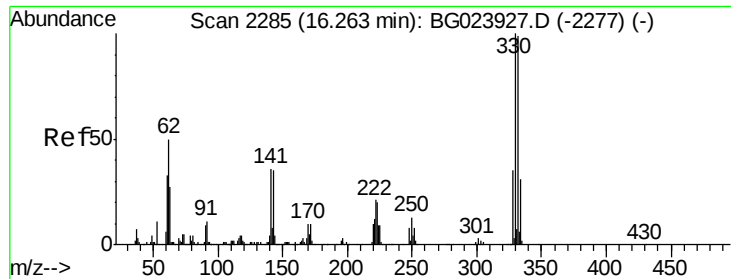


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

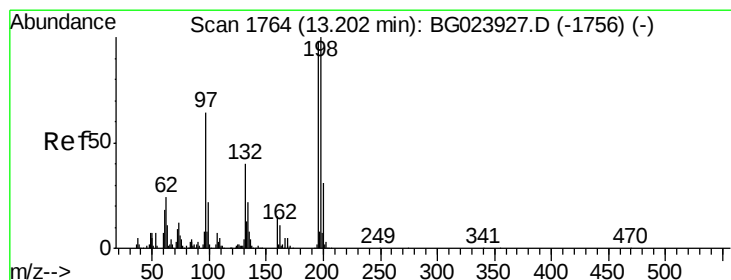
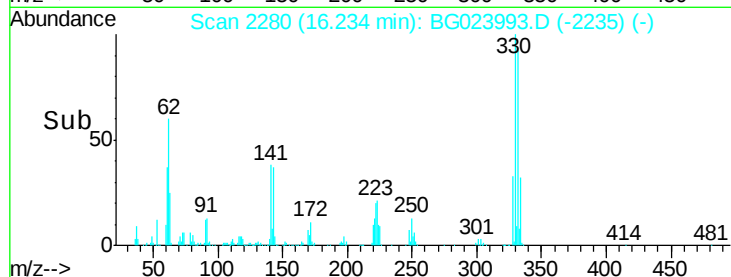
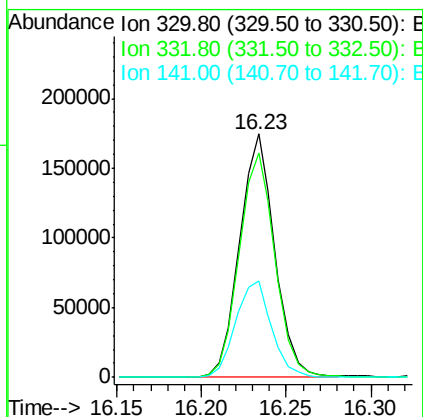
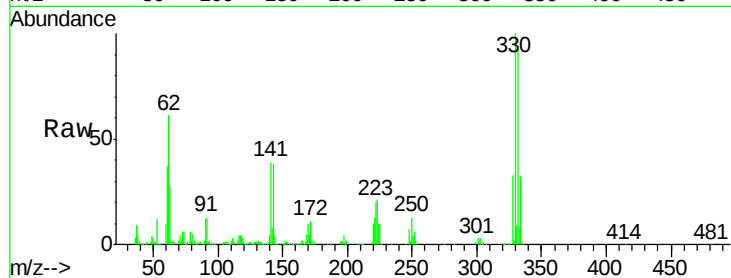




#41
 2,4,6-Tribromophenol
 Concen: 70.72 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

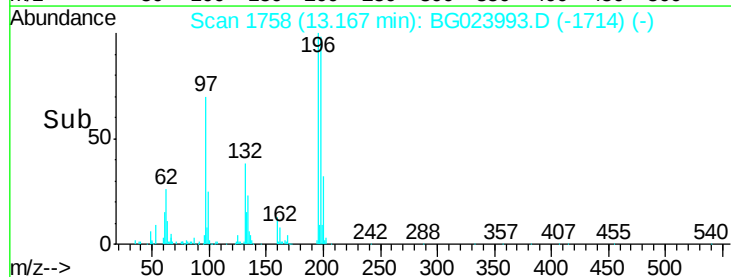
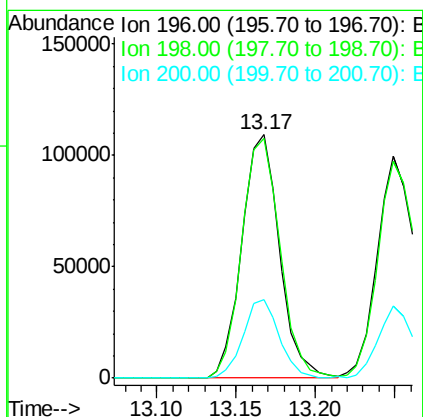
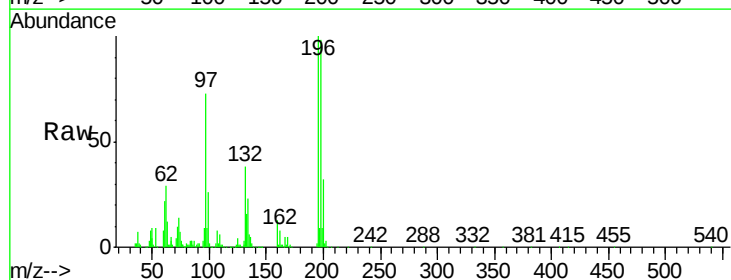
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

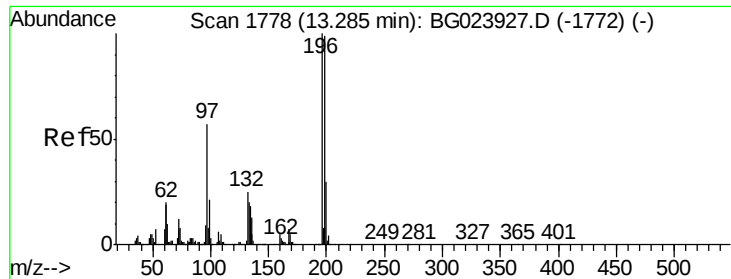
Tot Ion:330 Resp: 251021
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 40.9 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 41.43 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion:196 Resp: 180772
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.2 117.2
 200 32.3 27.0 40.4

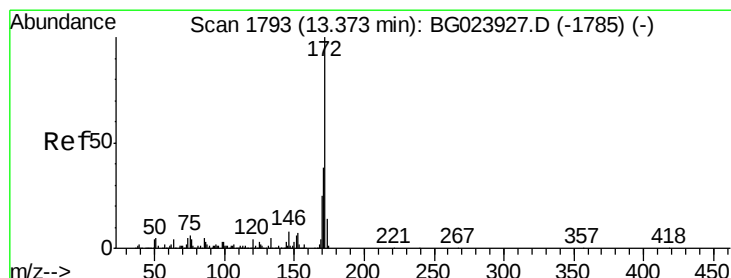
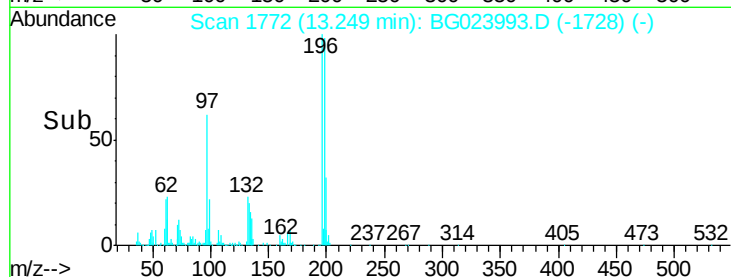
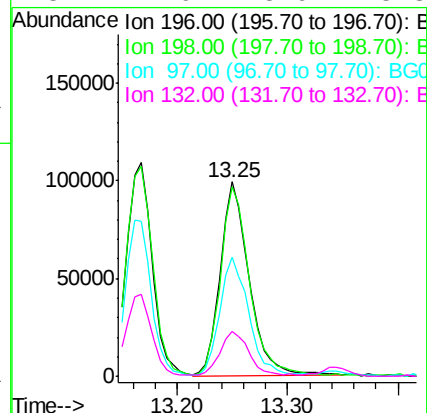
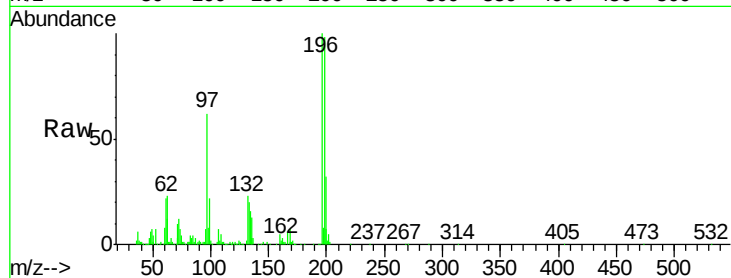




#43
 2,4,5-Trichlorophenol
 Concen: 40.67 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

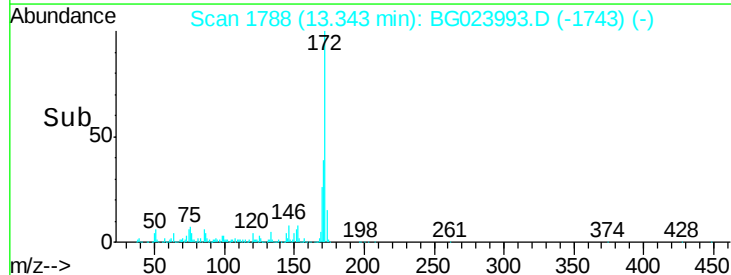
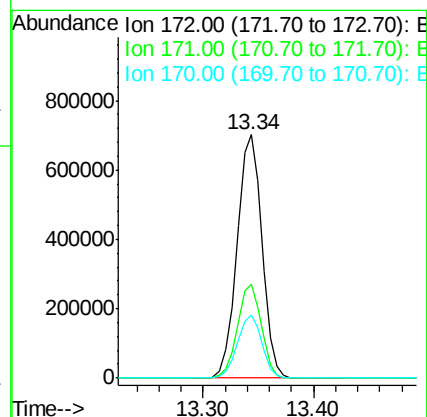
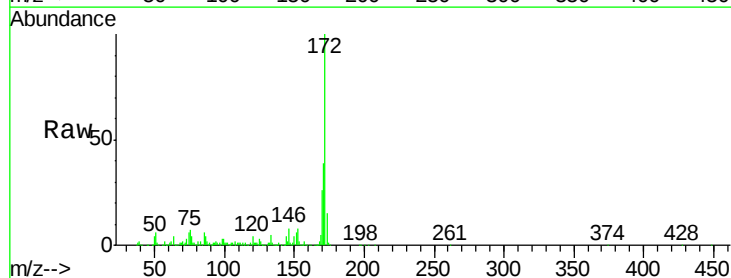
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

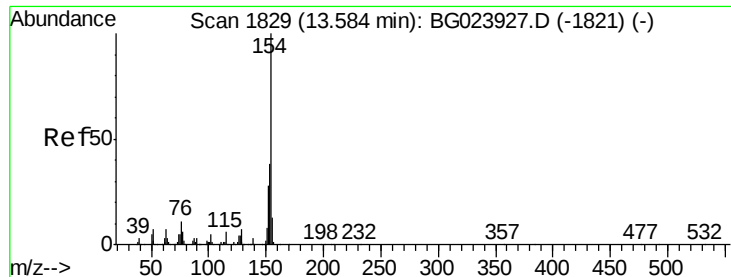
Tot Ion:196 Resp: 179400
 Ion Ratio Lower Upper
 196 100
 198 97.7 85.7 128.5
 97 61.6 45.5 68.3
 132 22.9 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion:172 Resp: 1108690
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.6 47.4
 170 26.2 21.3 31.9





#45

1,1'-Biphenyl

Concen: 39.92 ng

RT: 13.55 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

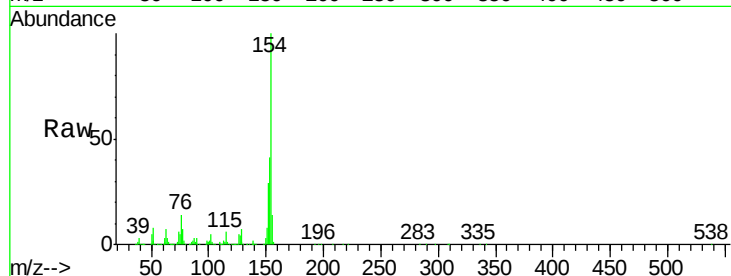
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 632580

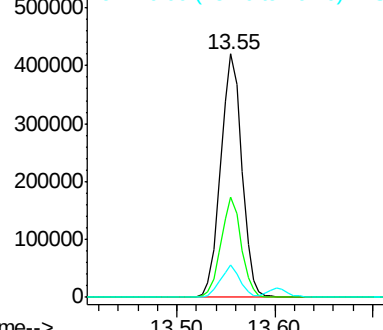
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	13.6	0.0	32.9



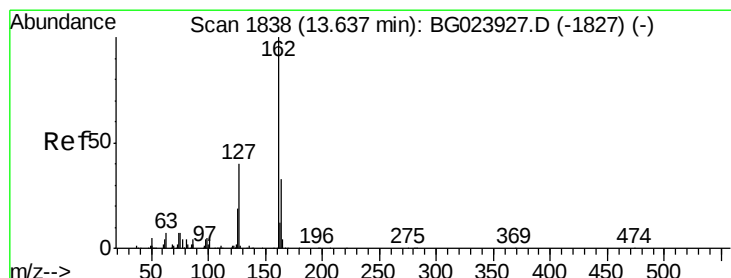
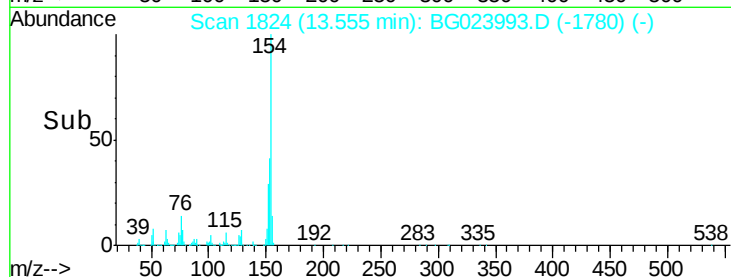
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#46

2-Chloronaphthalene

Concen: 40.04 ng

RT: 13.60 min Scan# 1832

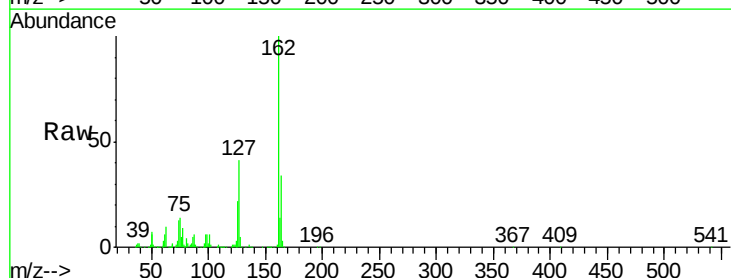
Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Tgt Ion:162 Resp: 465768

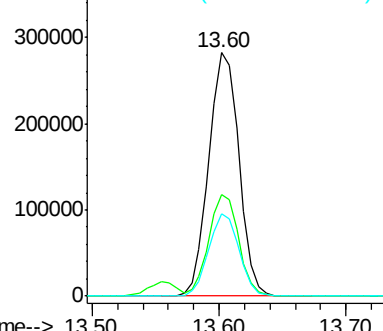
Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.4	48.6
164	33.9	25.2	37.8



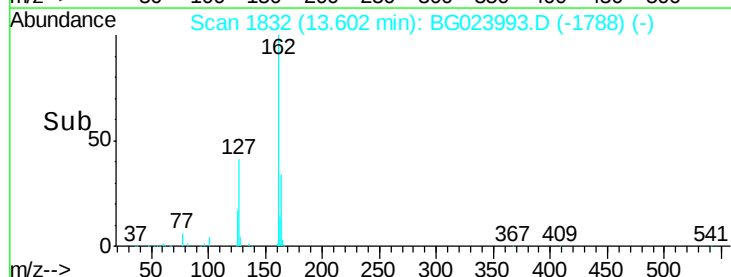
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 43.90 ng

RT: 13.83 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

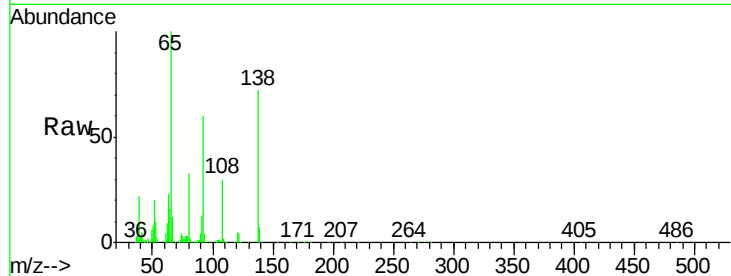
Tot Ion: 65 Resp: 201164

Ion Ratio Lower Upper

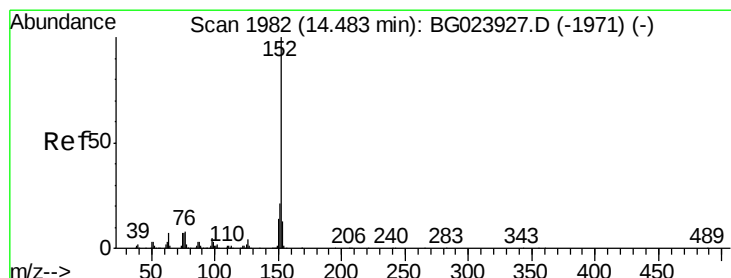
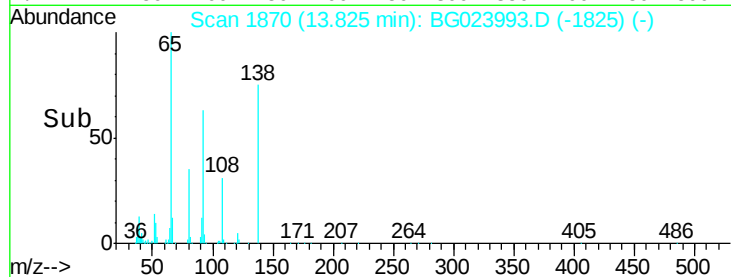
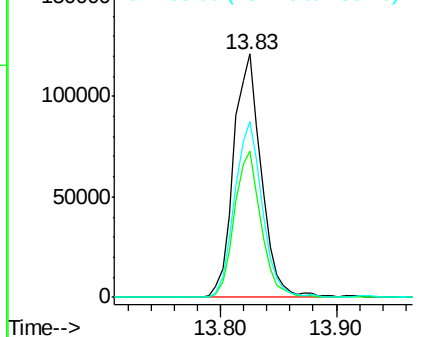
65 100

92 60.3 49.4 74.0

138 72.4 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 38.88 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

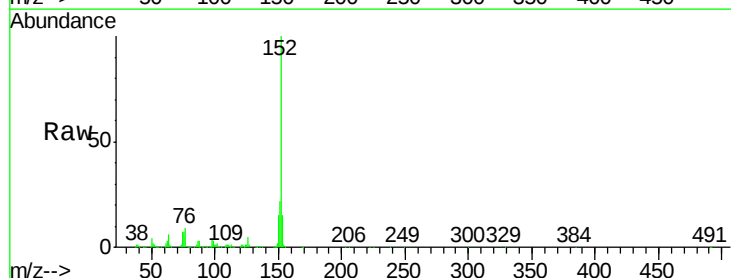
Tgt Ion: 152 Resp: 753978

Ion Ratio Lower Upper

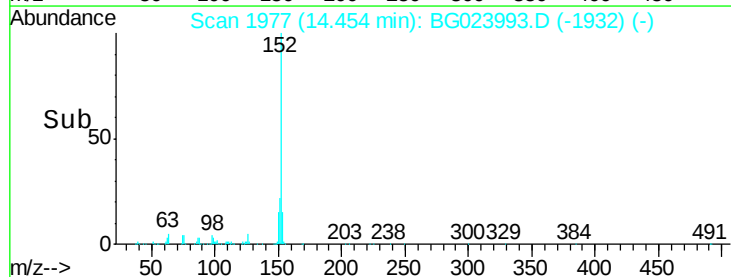
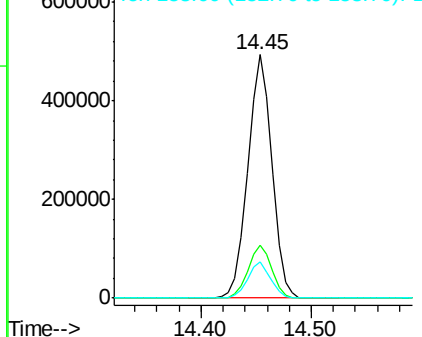
152 100

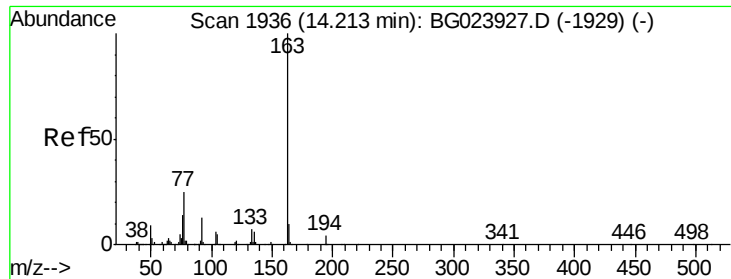
151 21.5 17.6 26.4

153 14.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 37.11 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

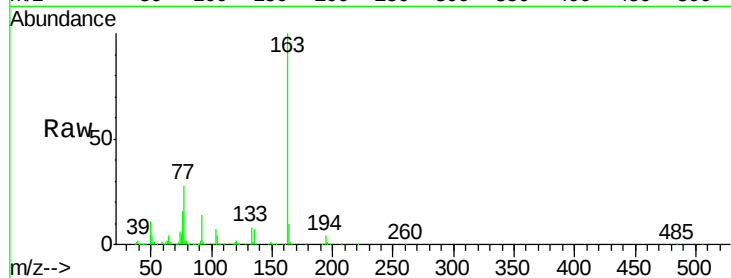
Tot Ion:163 Resp: 626914

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

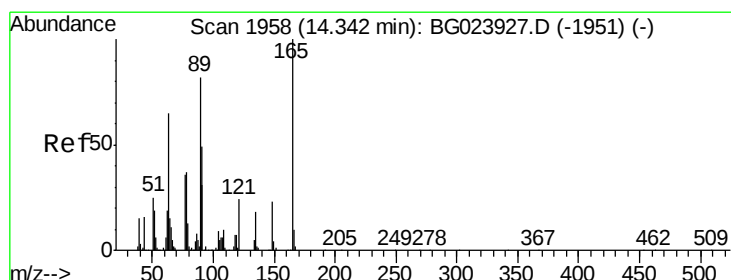
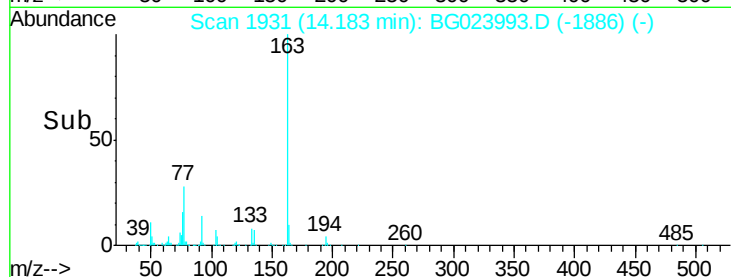
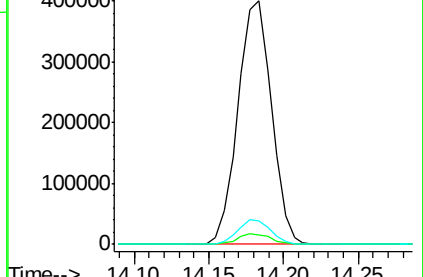
164 9.8 8.1 12.1



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: 37.48 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

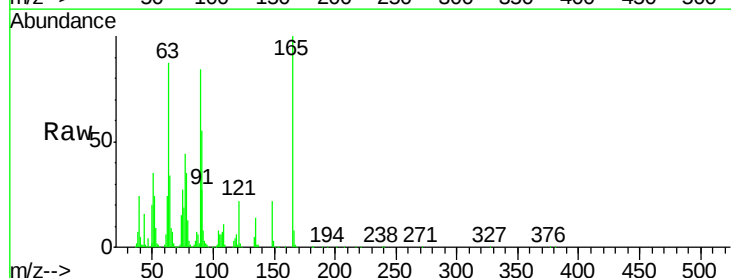
Tgt Ion:165 Resp: 133652

Ion Ratio Lower Upper

165 100

63 86.9 64.3 96.5

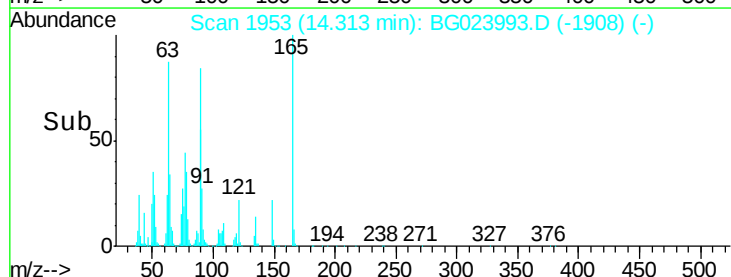
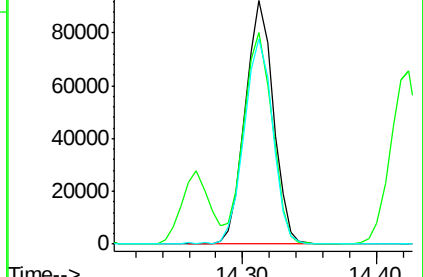
89 84.1 64.3 96.5

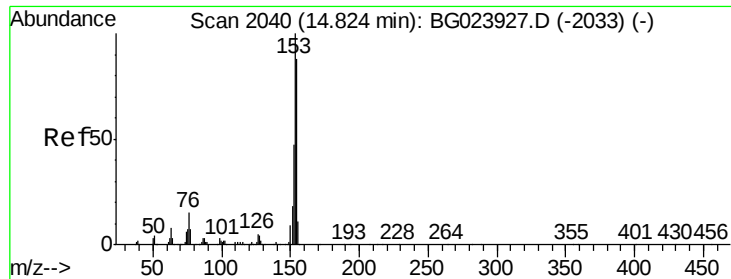


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.02 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

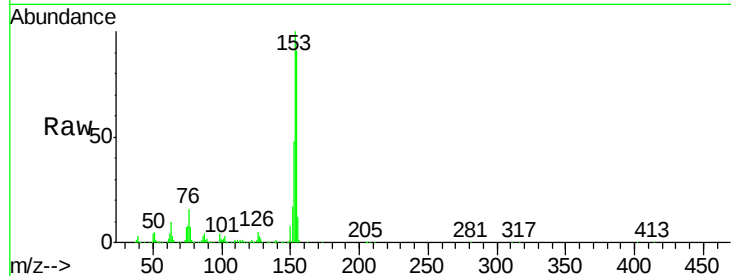
Tot Ion:154 Resp: 467720

Ion Ratio Lower Upper

154 100

153 110.4 87.5 131.3

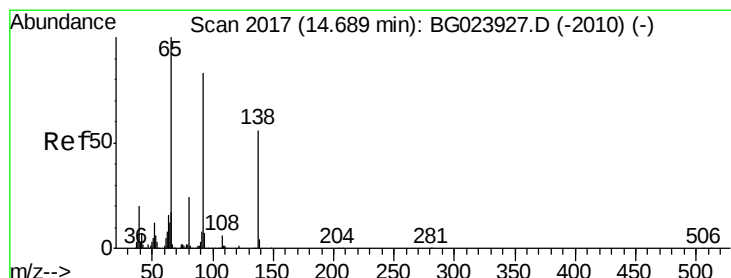
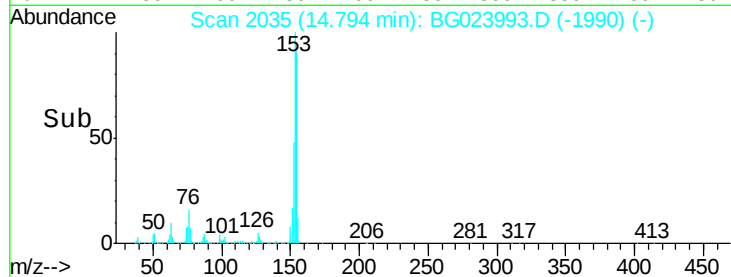
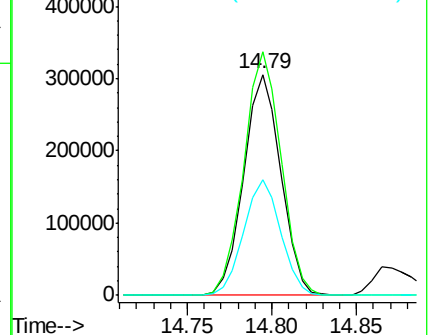
152 52.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.87 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

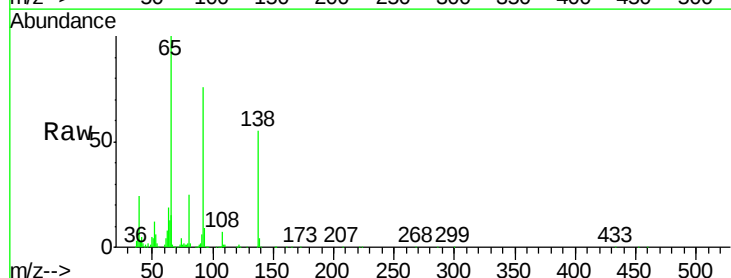
Tgt Ion:138 Resp: 126302

Ion Ratio Lower Upper

138 100

108 13.0 11.7 17.5

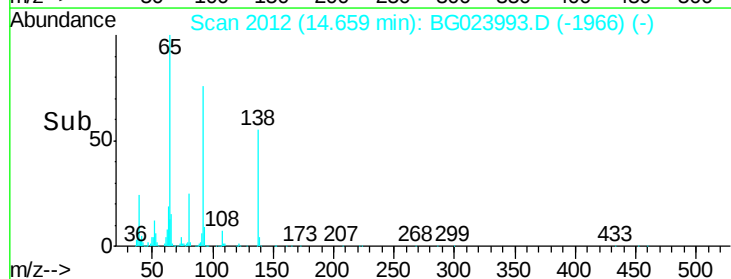
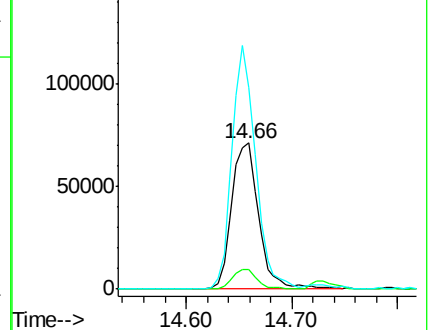
92 137.6 129.7 194.5

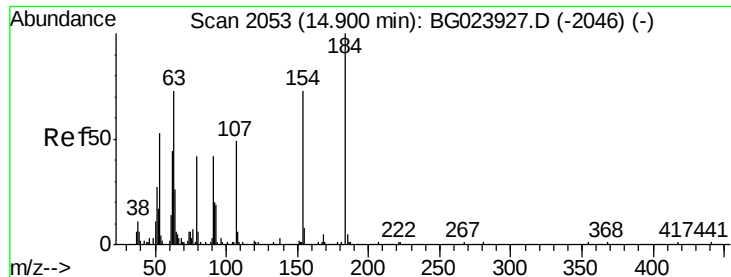


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

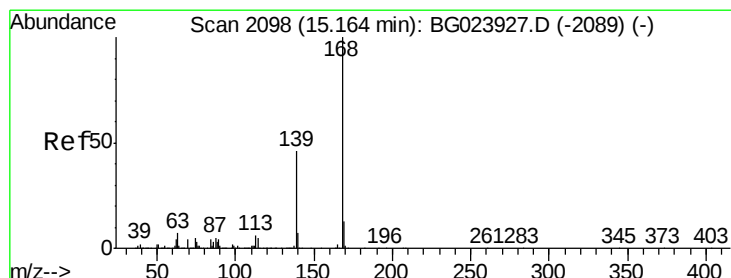
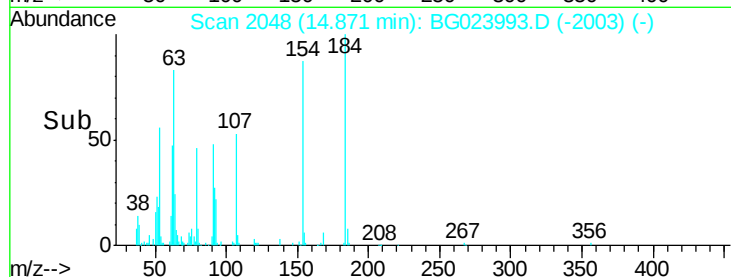
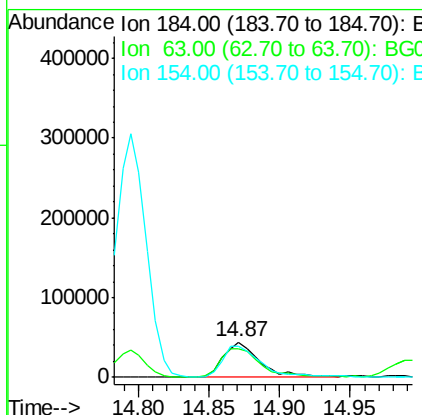
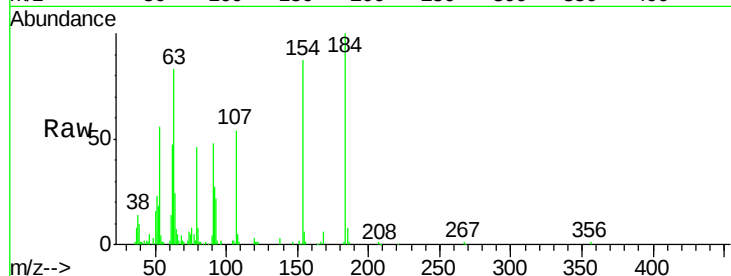




#53
2,4-Dinitrophenol
Concen: 34.75 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

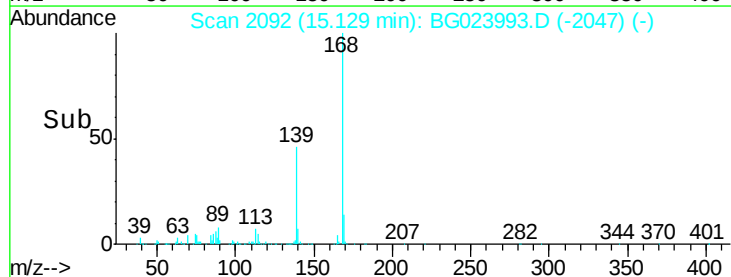
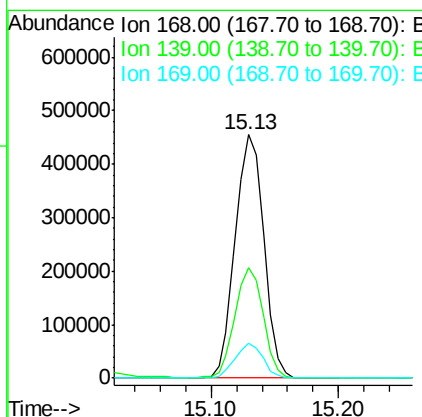
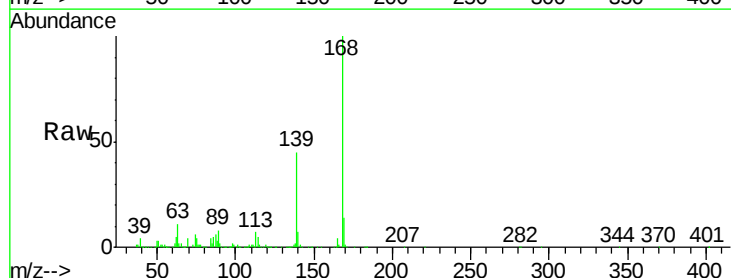
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

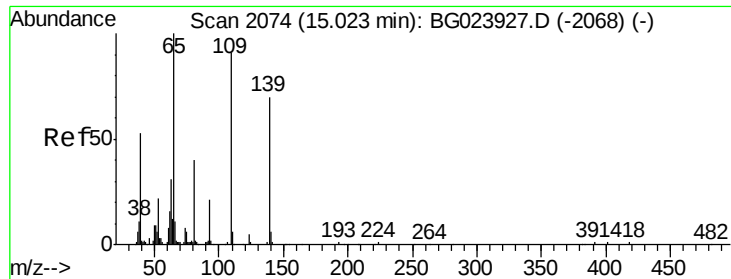
Tot Ion:184 Resp: 80142
Ion Ratio Lower Upper
184 100
63 82.9 59.6 89.4
154 87.4 67.4 101.0



#54
Dibenzofuran
Concen: 38.09 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:168 Resp: 712701
Ion Ratio Lower Upper
168 100
139 45.4 36.4 54.6
169 14.3 11.9 17.9





#55

4-Nitrophenol

Concen: 33.49 ng

RT: 14.99 min Scan# 2068

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

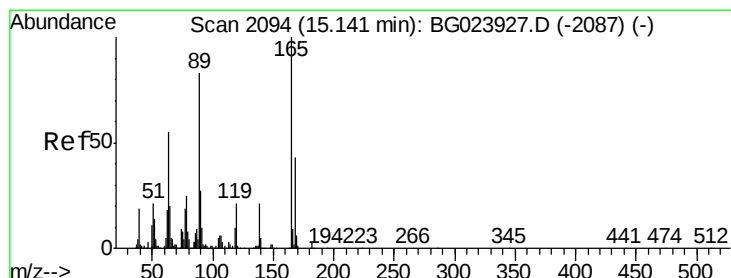
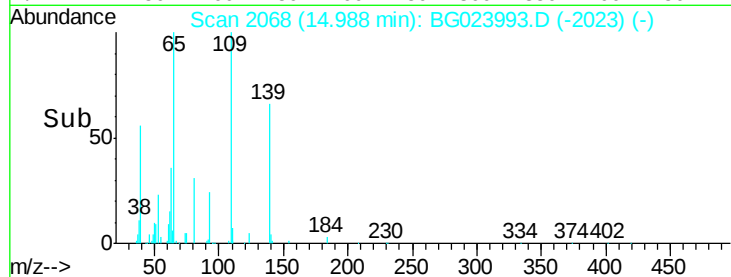
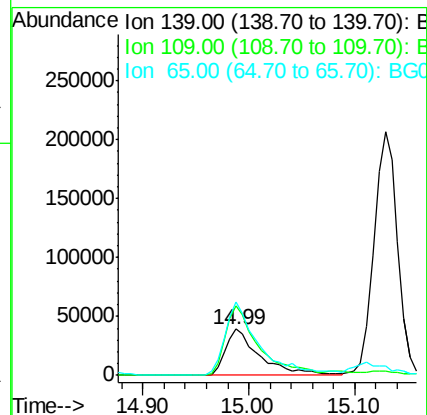
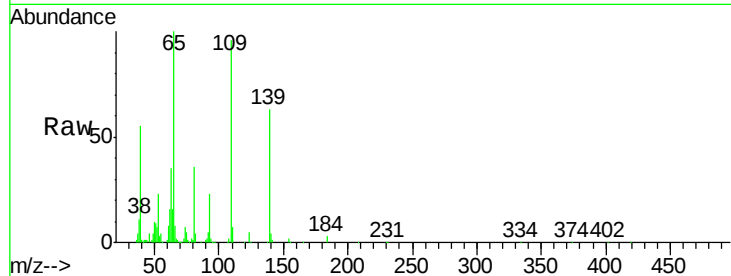
Tot Ion:139 Resp: 88878

Ion Ratio Lower Upper

139 100

109 151.0 103.0 143.0#

65 158.0 112.7 152.7#



#56

2,4-Dinitrotoluene

Concen: 36.54 ng

RT: 15.11 min Scan# 2089

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Tgt Ion:165 Resp: 191545

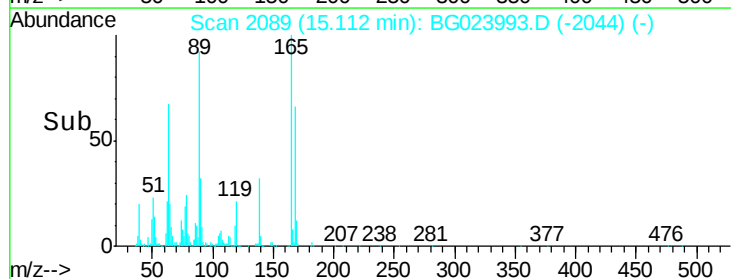
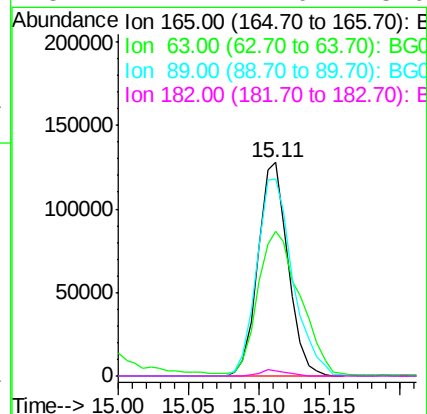
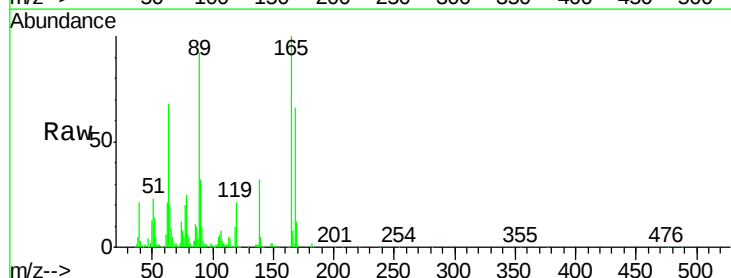
Ion Ratio Lower Upper

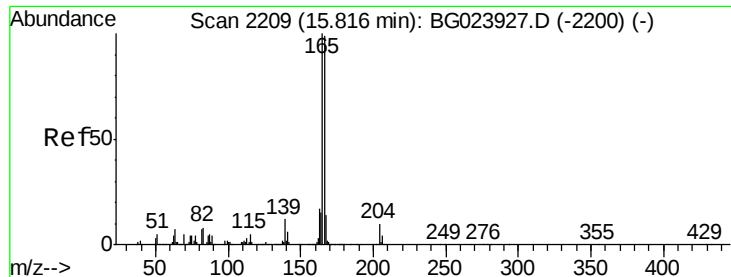
165 100

63 68.0 45.8 68.6

89 92.3 68.6 102.8

182 2.2 2.0 3.0

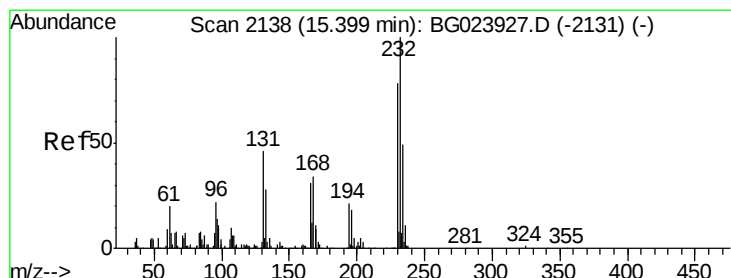
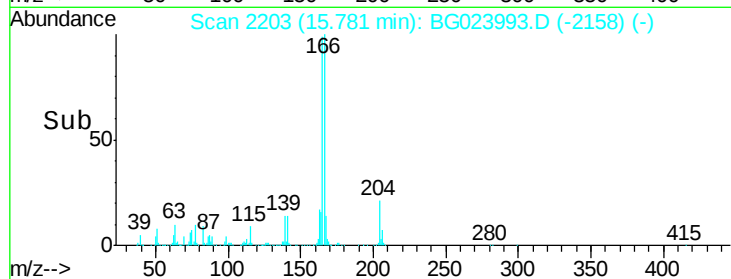
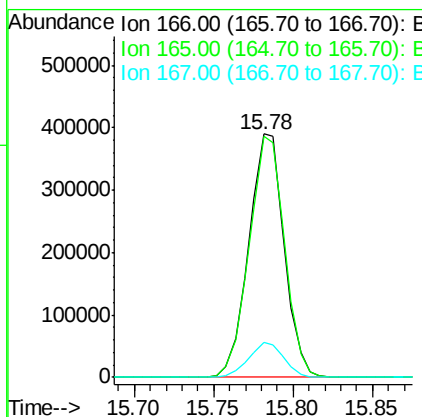
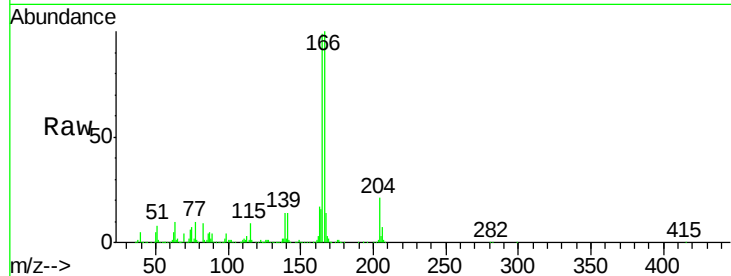




#57
 Fluorene
 Concen: 37.20 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

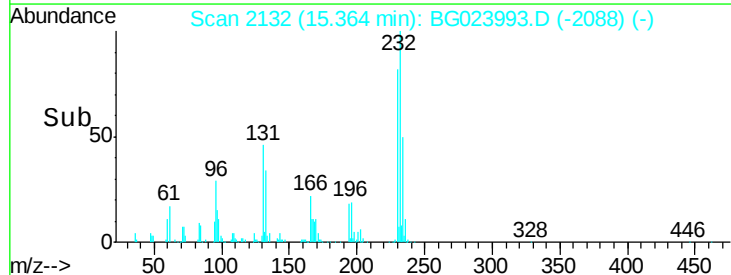
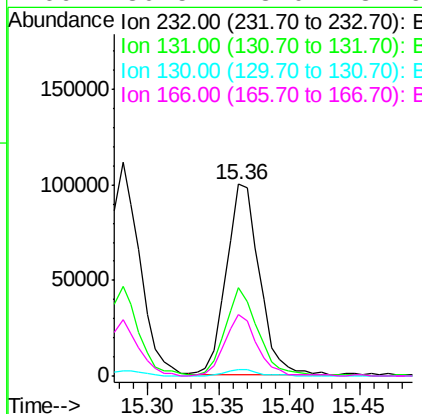
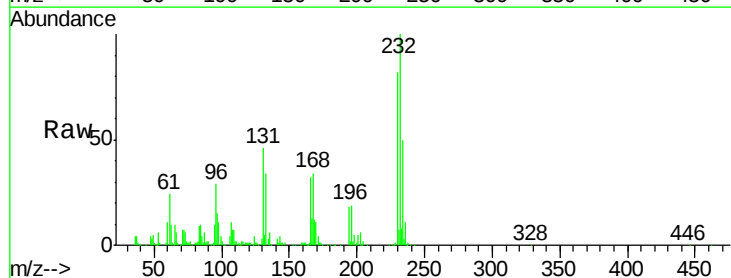
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

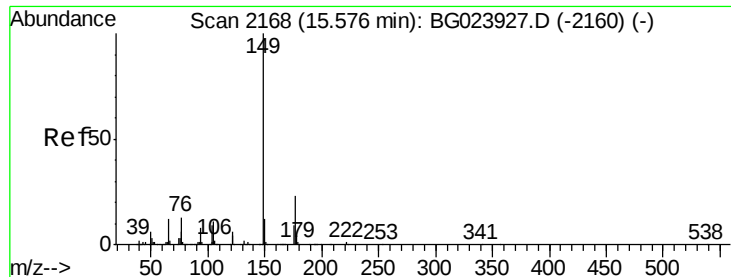
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.0	121.6
167	14.3	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.67 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	32.7	49.1
130	3.5	2.6	3.8
166	30.5	23.0	34.6





#59

Diethylphthalate

Concen: 35.76 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

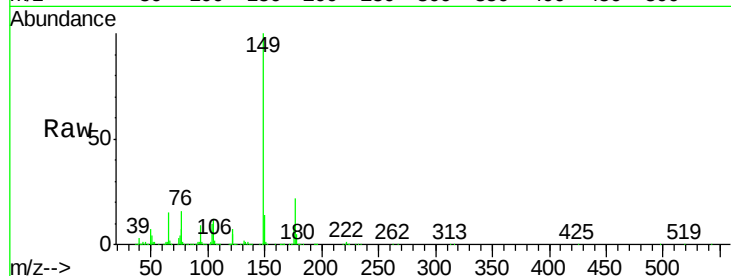
Tot Ion:149 Resp: 644934

Ion Ratio Lower Upper

149 100

177 22.3 19.2 28.8

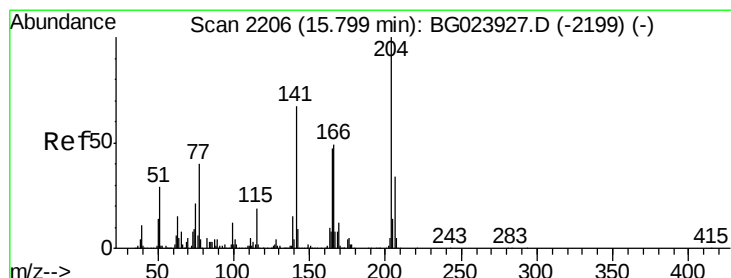
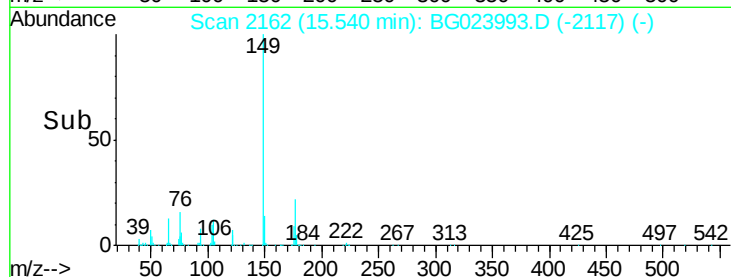
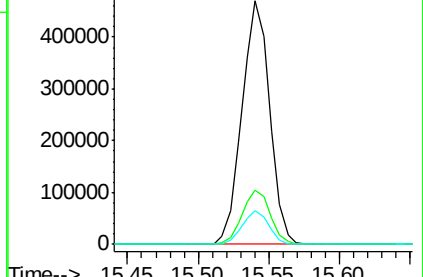
150 13.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.13 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

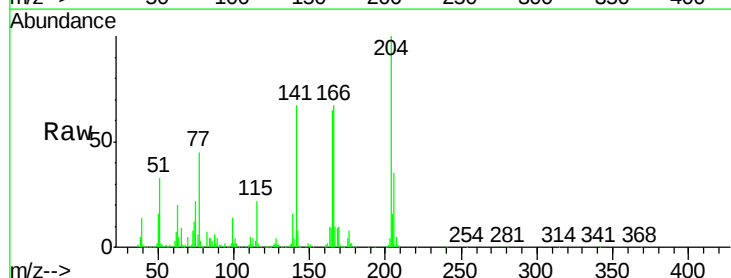
Tgt Ion:204 Resp: 333049

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

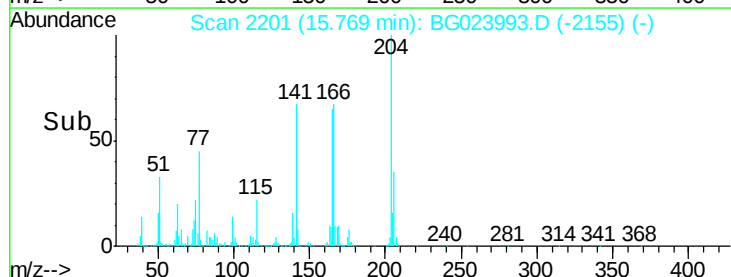
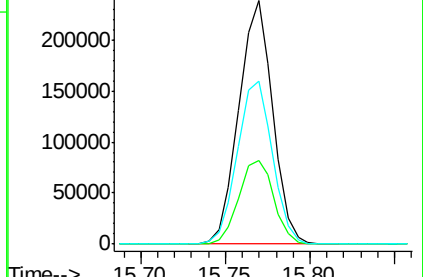
141 67.2 51.4 77.0

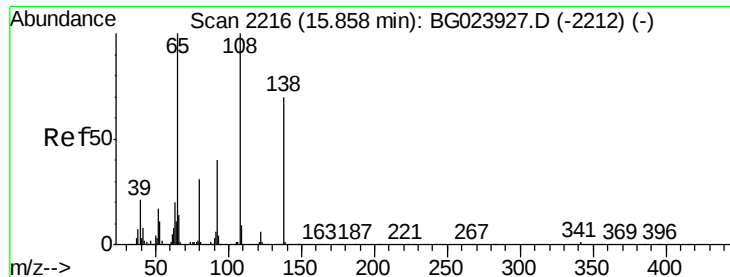


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

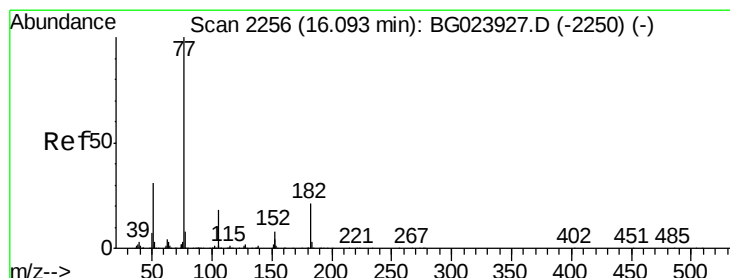
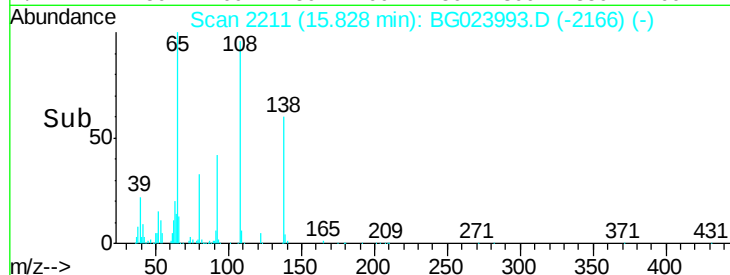
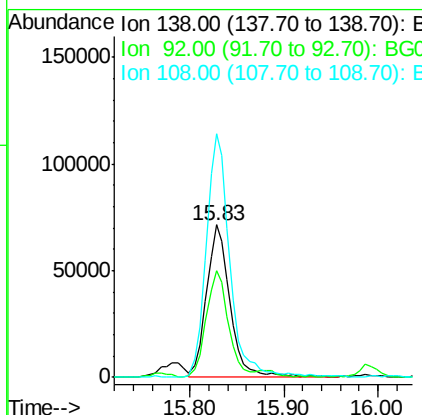
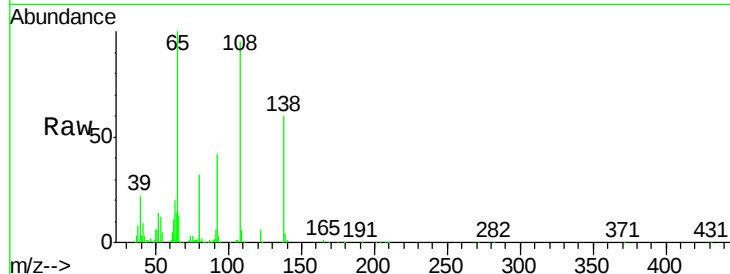




#61
4-Nitroaniline
Concen: 37.47 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

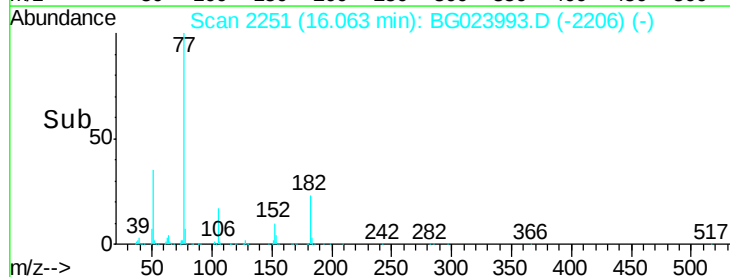
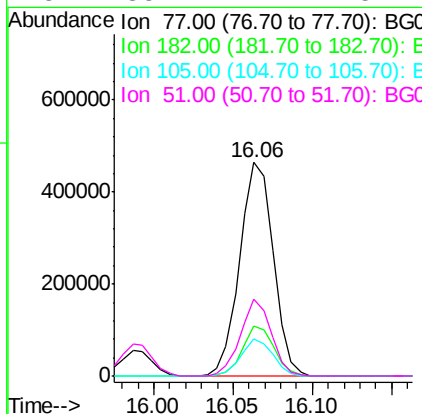
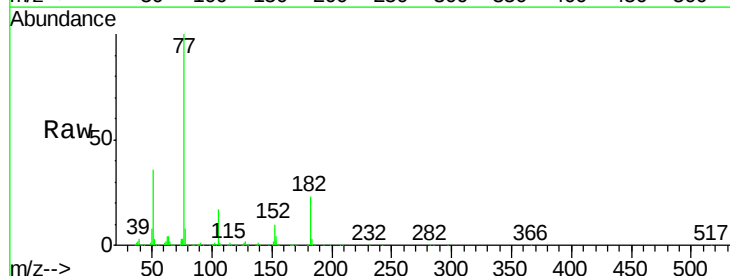
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

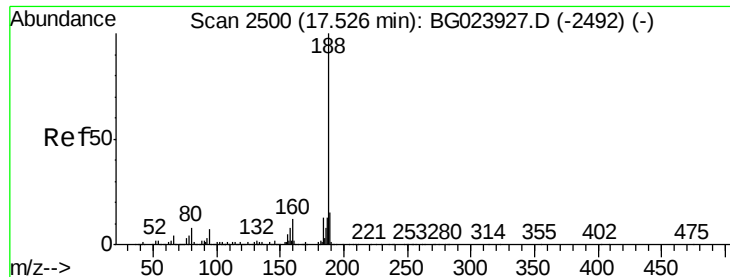
Tot Ion:138 Resp: 126349
Ion Ratio Lower Upper
138 100
92 70.1 54.1 94.1
108 159.6 133.9 173.9



#62
Azobenzene
Concen: 39.05 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion: 77 Resp: 682071
Ion Ratio Lower Upper
77 100
182 23.1 3.5 43.5
105 17.4 0.0 38.5
51 35.7 17.1 57.1

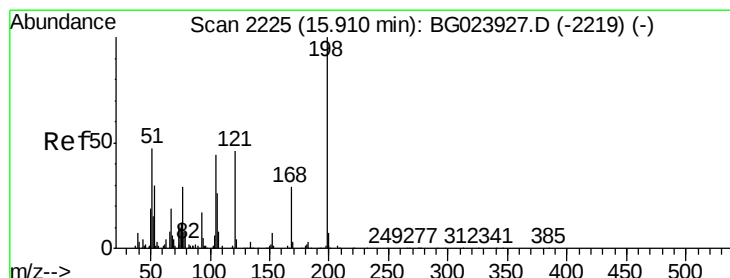
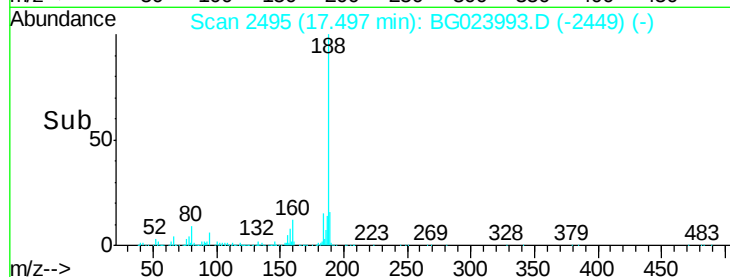
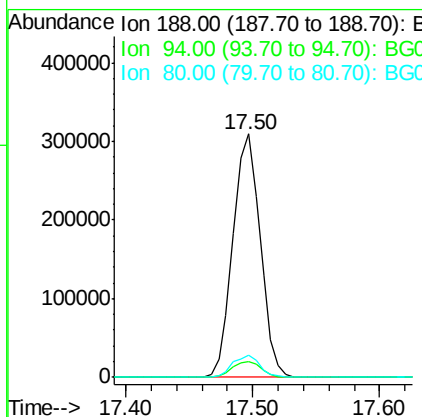
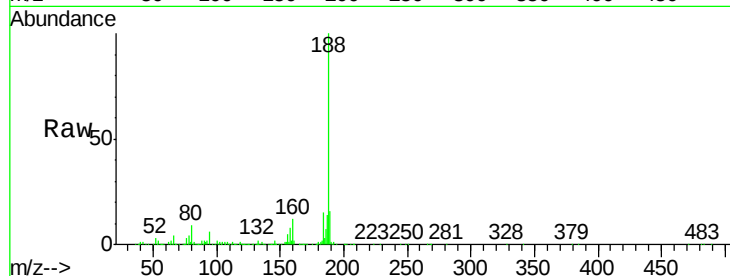




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

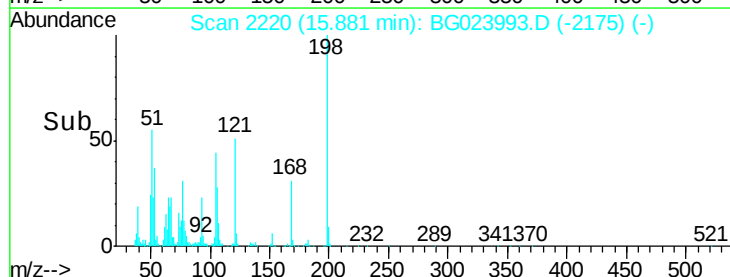
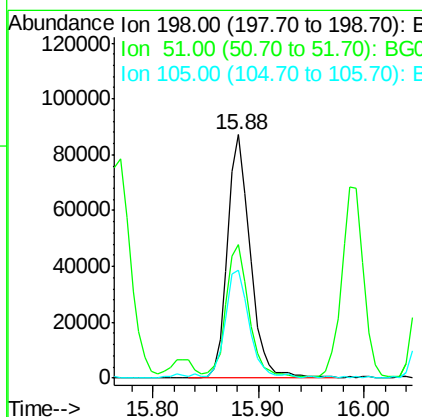
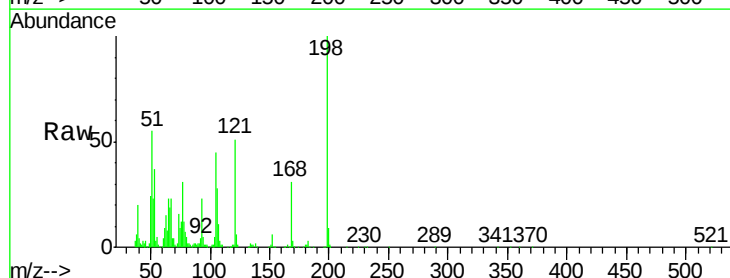
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

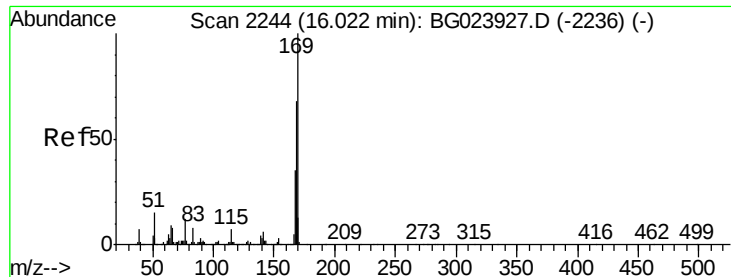
Tot Ion:188 Resp: 459889
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 8.9 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.68 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:198 Resp: 129871
Ion Ratio Lower Upper
198 100
51 55.0 26.0 66.0
105 44.5 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 41.67 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

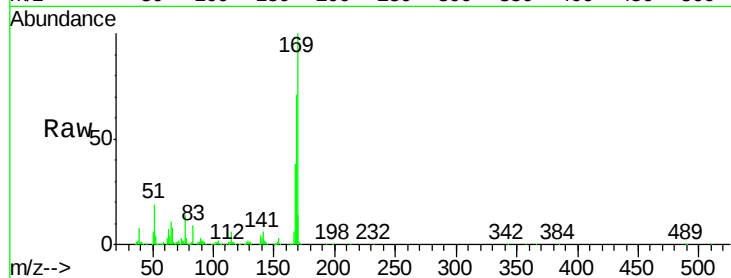
Tot Ion:169 Resp: 544303

Ion Ratio Lower Upper

169 100

168 70.7 55.0 82.4

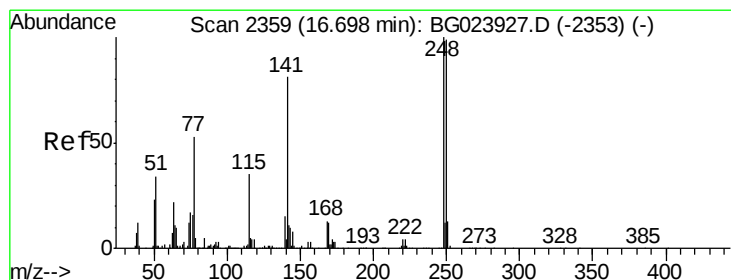
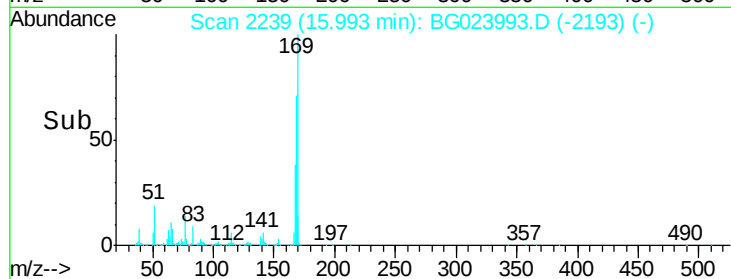
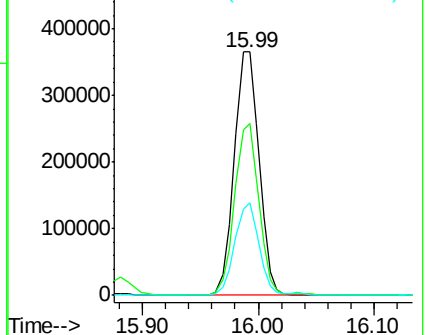
167 37.8 27.4 41.0



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: 42.69 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

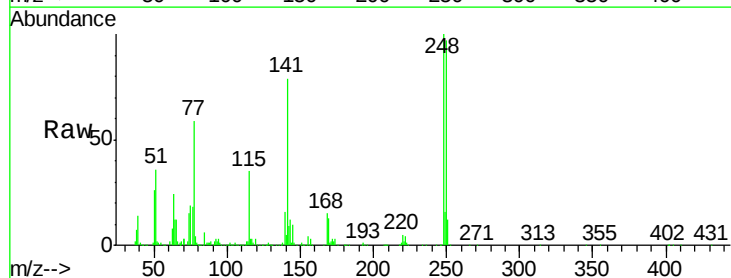
Tgt Ion:248 Resp: 238835

Ion Ratio Lower Upper

248 100

250 97.3 77.8 116.8

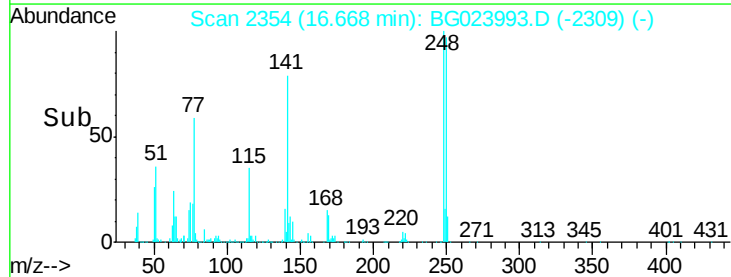
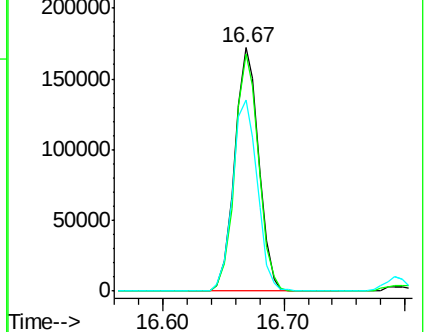
141 78.5 65.7 98.5

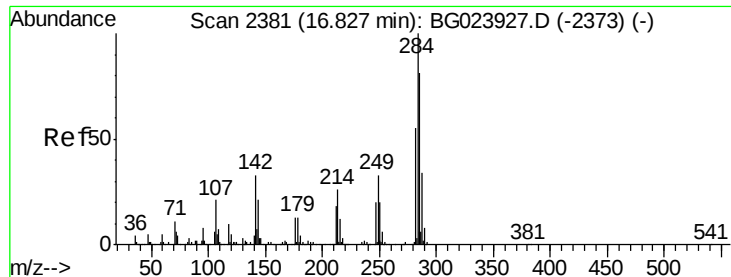


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

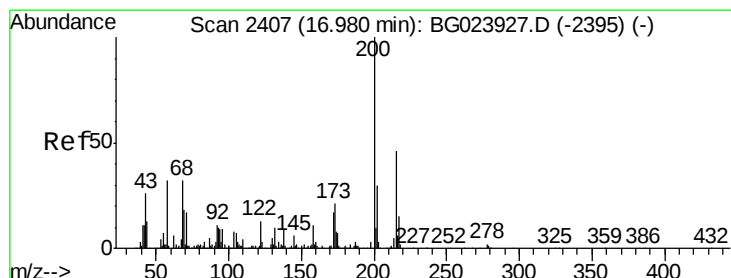
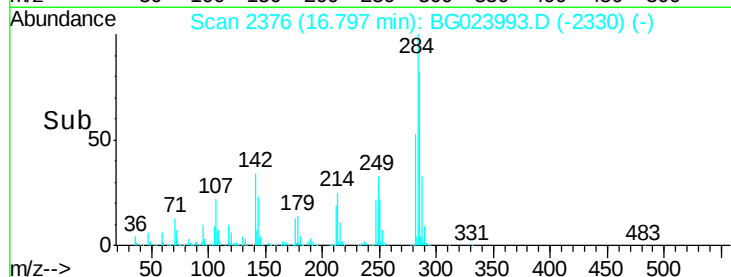
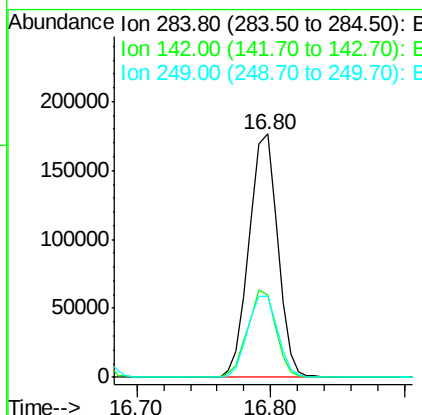
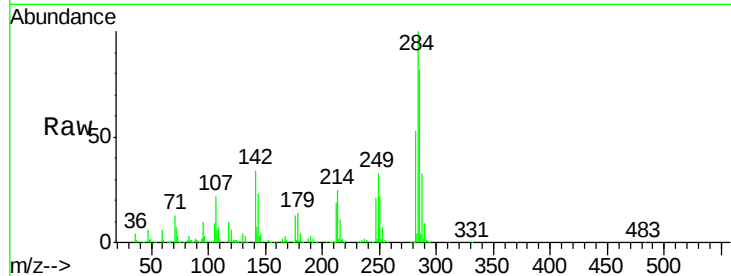




#67
Hexachlorobenzene
Concen: 39.72 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.03 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

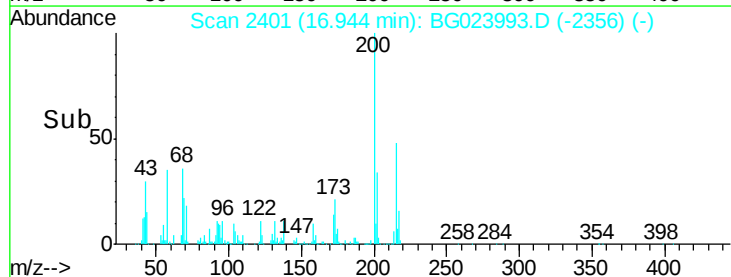
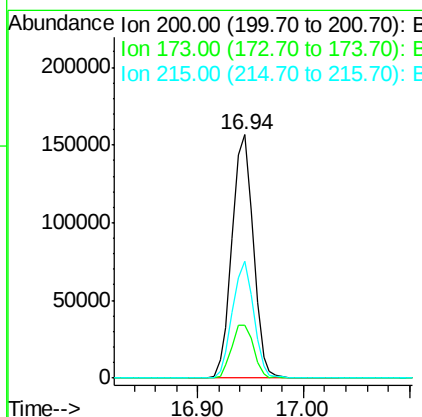
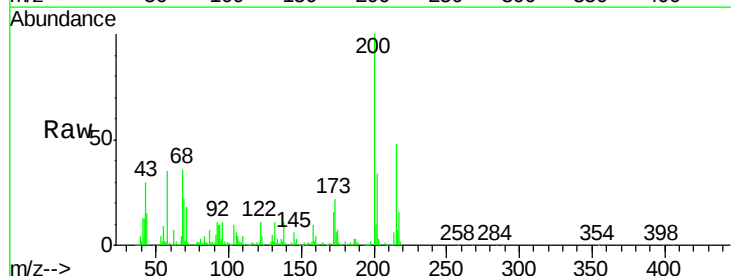
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:284	Resp:	260627
Ion Ratio	Lower	Upper
284	100	
142	34.0	26.8 40.2
249	33.2	28.9 43.3



#68
Atrazine
Concen: 38.75 ng
RT: 16.94 min Scan# 2401
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion:200	Resp:	217803
Ion Ratio	Lower	Upper
200	100	
173	22.0	1.6 41.6
215	47.8	28.7 68.7

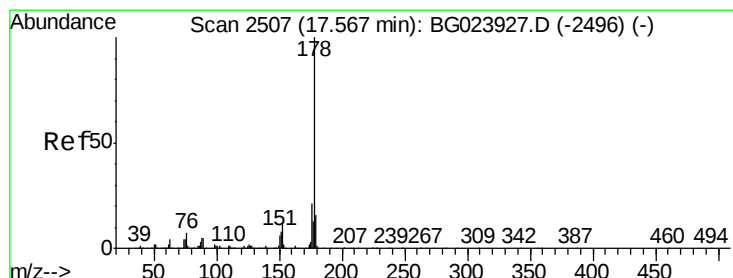
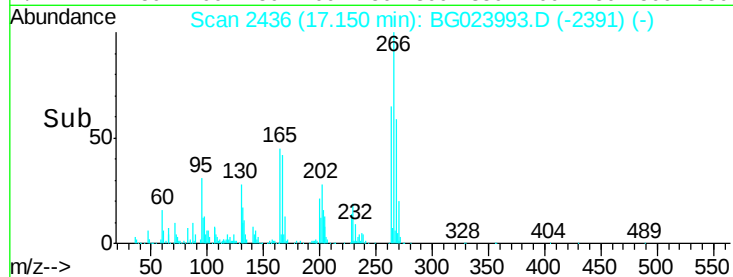
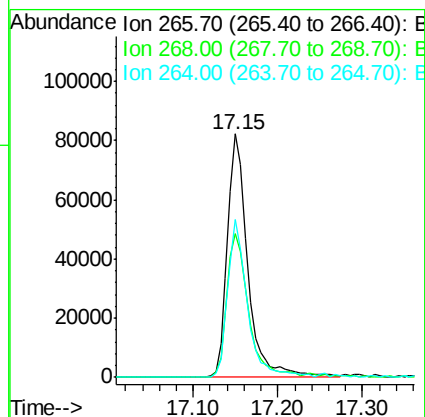
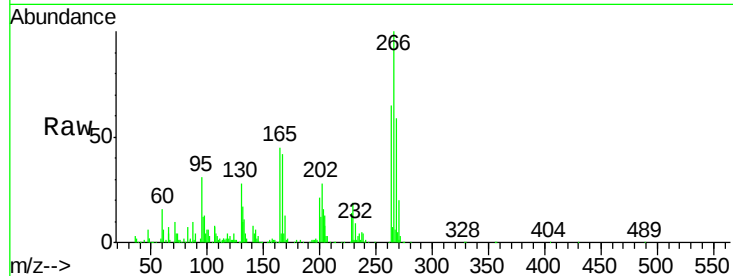




#69
 Pentachlorophenol
 Concen: 39.54 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

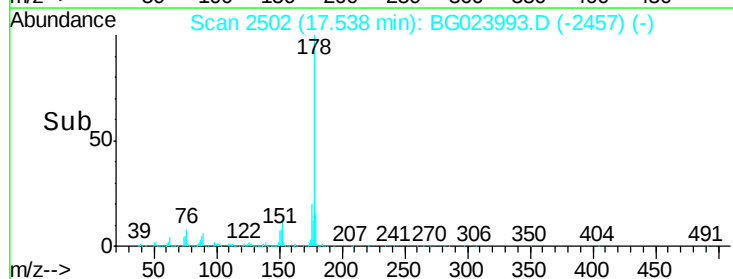
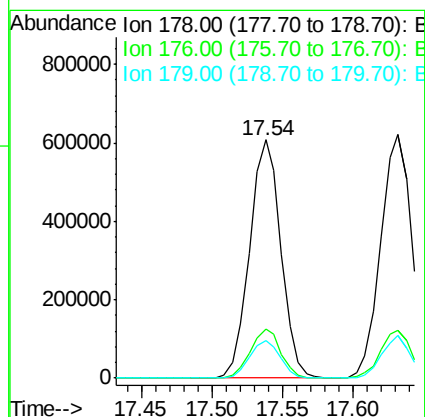
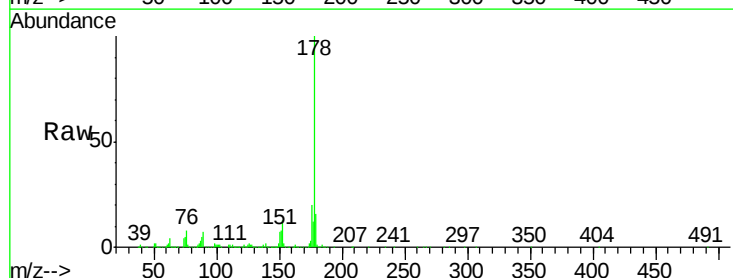
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

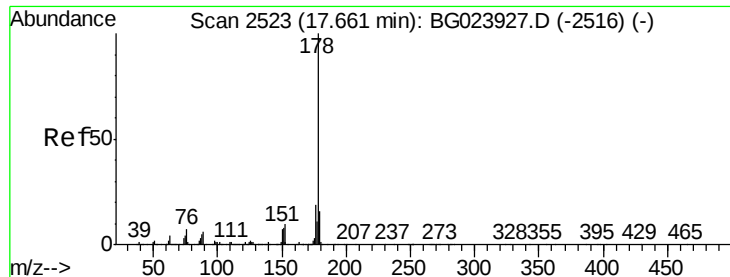
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.0	51.9	77.9
264	64.9	50.6	75.8



#70
 Phenanthrene
 Concen: 39.38 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.8	25.2
179	15.7	14.3	21.5

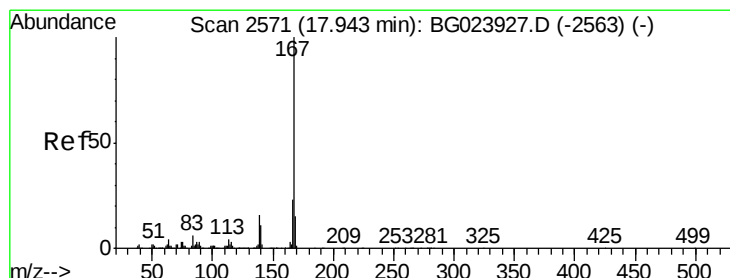
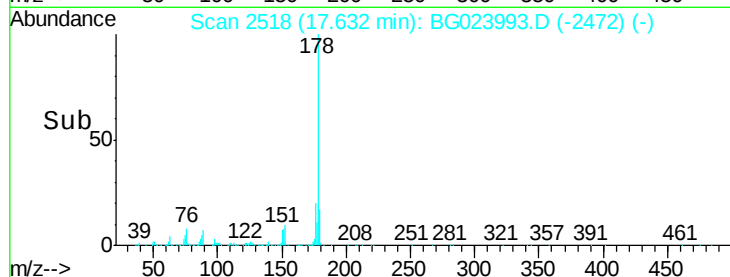
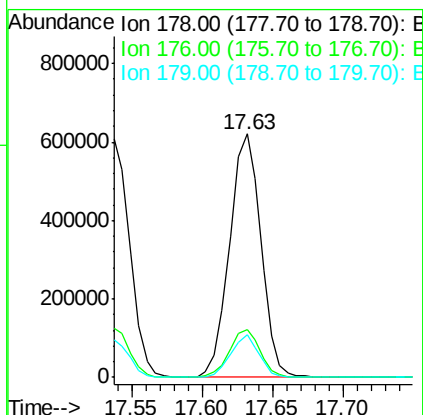
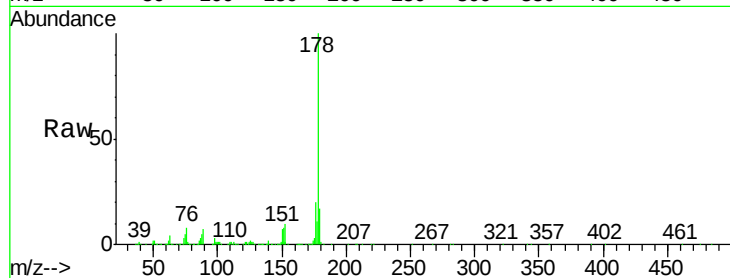




#71
 Anthracene
 Concen: 39.13 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.03 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

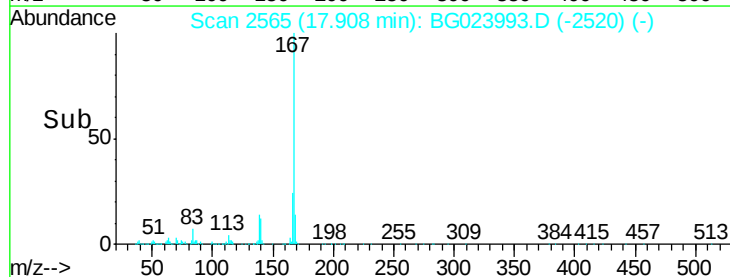
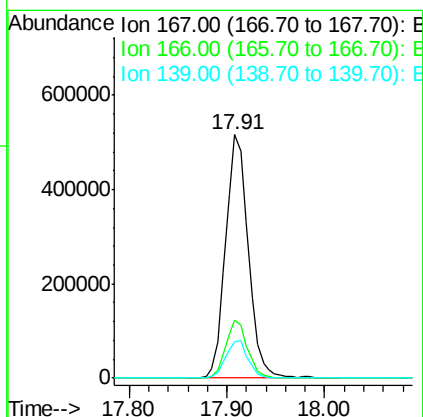
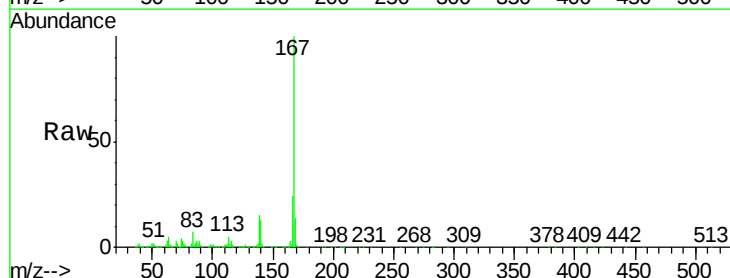
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

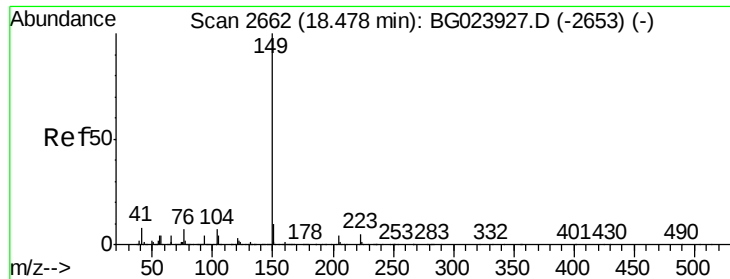
Tot Ion:178 Resp: 954847
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 17.4 14.0 21.0



#72
 Carbazole
 Concen: 37.78 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion:167 Resp: 836545
 Ion Ratio Lower Upper
 167 100
 166 23.6 20.7 31.1
 139 15.0 11.9 17.9





#73

Di-n-butylphthalate

Concen: 37.52 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

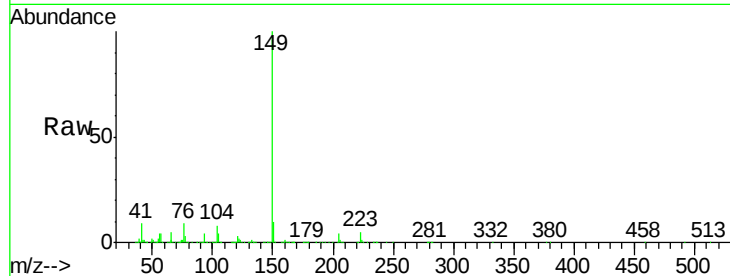
Tot Ion:149 Resp: 991255

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

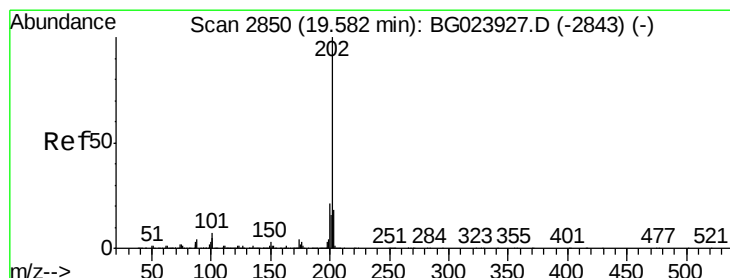
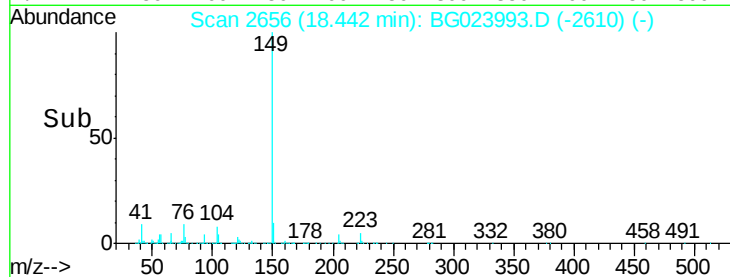
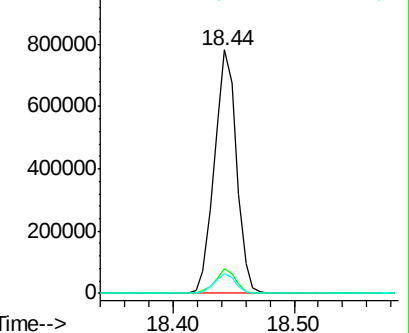
104 7.8 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.67 ng

RT: 19.55 min Scan# 2845

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

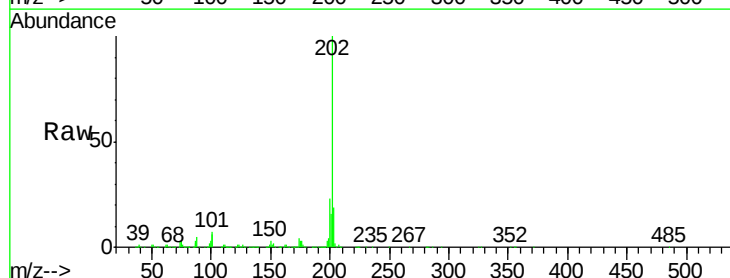
Tgt Ion:202 Resp: 1113898

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.4

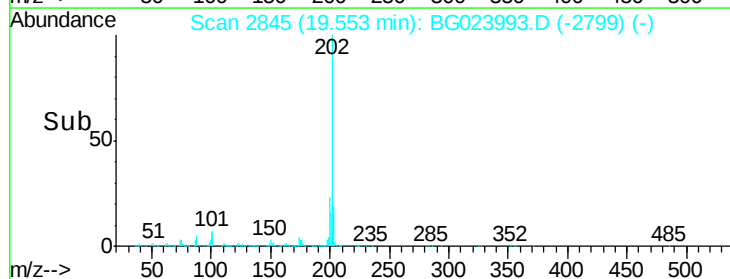
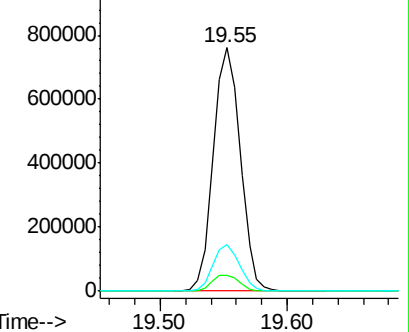
203 18.9 1.7 41.7

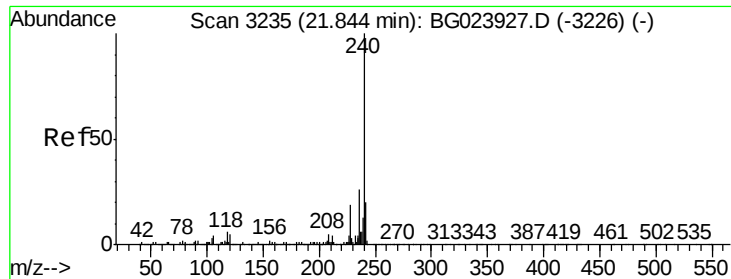


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

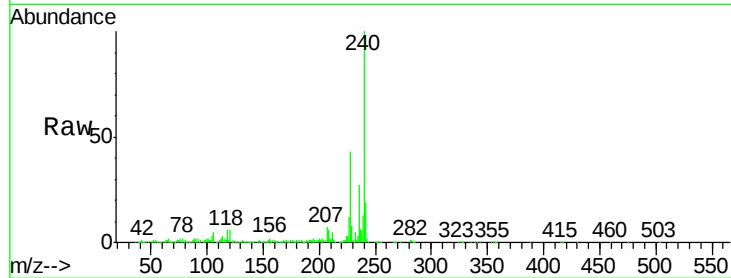
Tot Ion:240 Resp: 541561

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

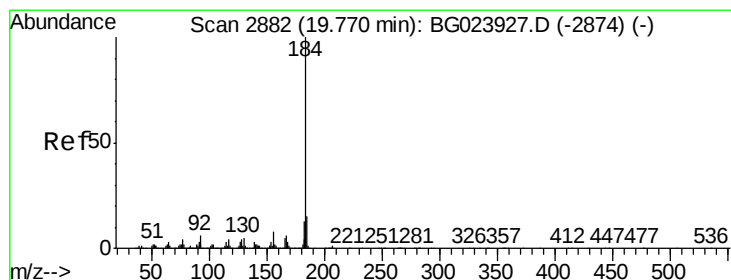
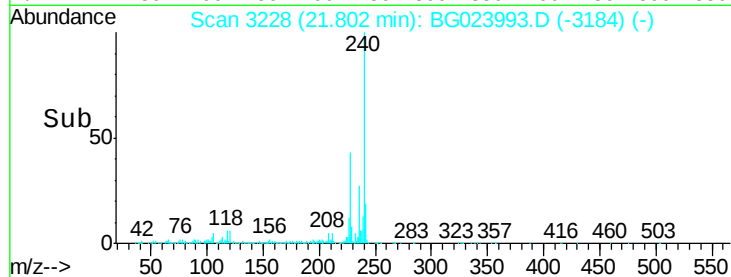
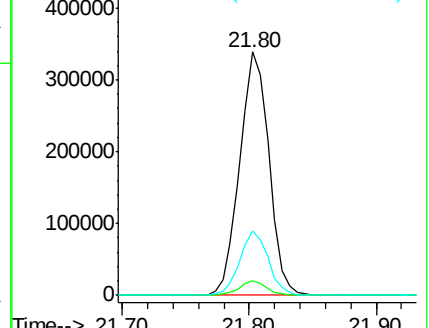
236 26.6 21.1 31.7



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: 37.10 ng

RT: 19.74 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

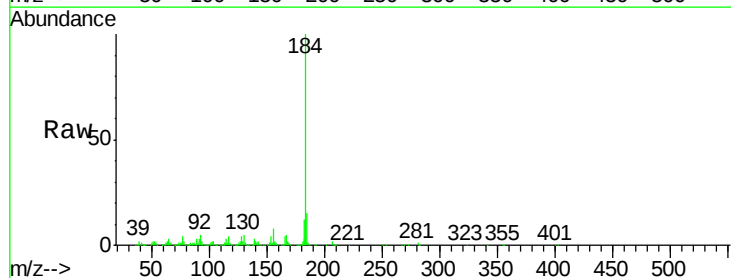
Tgt Ion:184 Resp: 622170

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

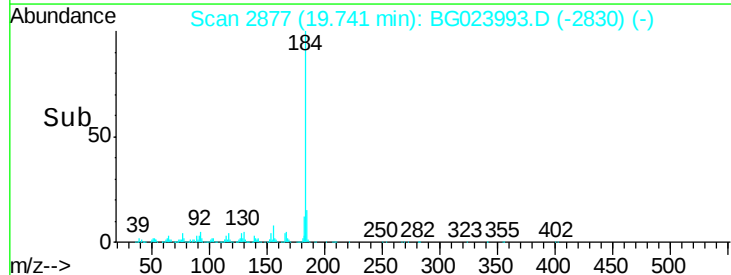
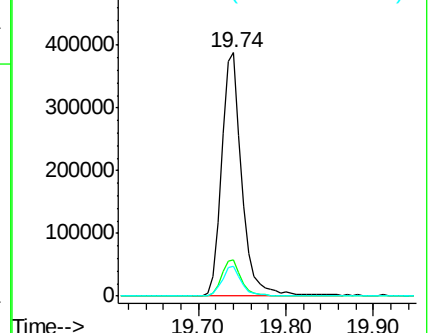
183 12.1 10.7 16.1

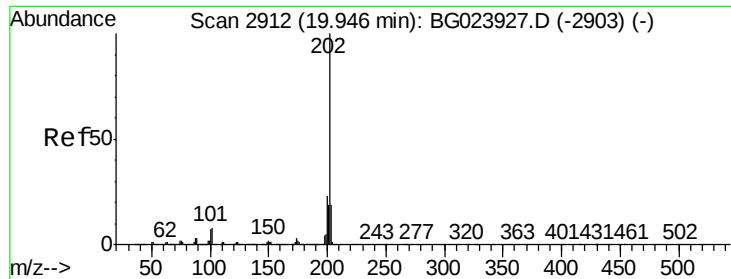


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.02 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

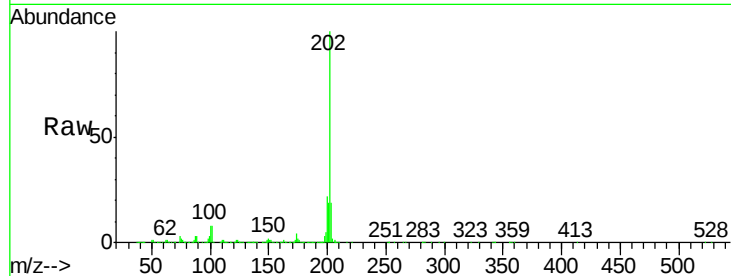
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1166387

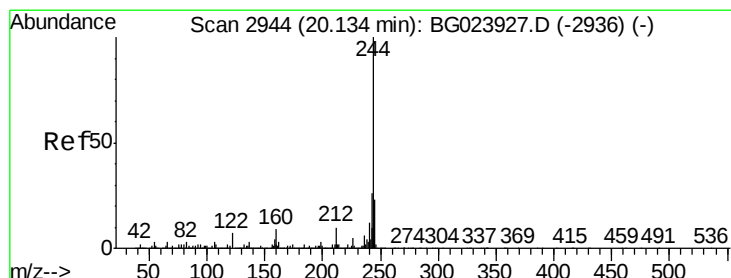
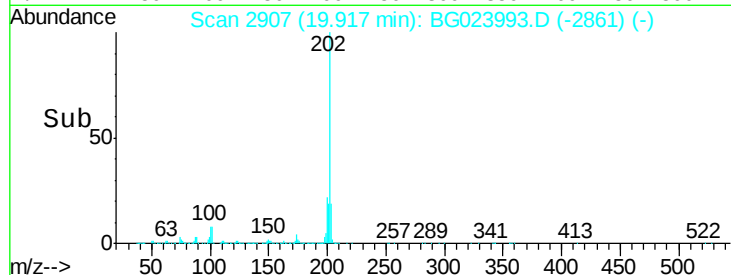
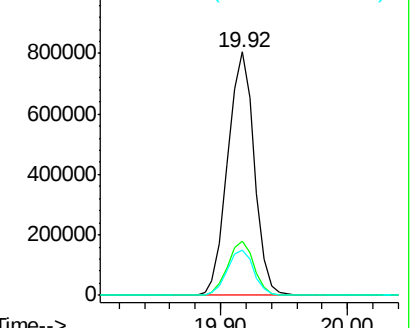
Ion	Ratio	Lower	Upper
202	100		
200	22.4	21.2	31.8
203	18.6	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.60 ng

RT: 20.10 min Scan# 2939

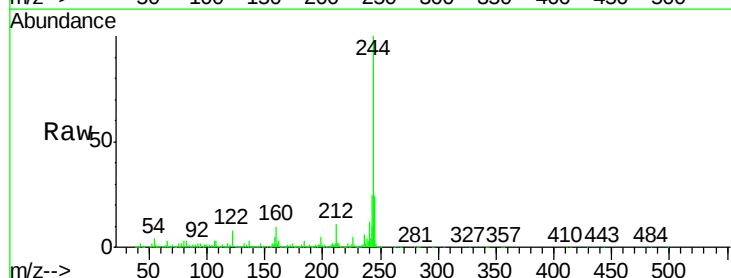
Delta R.T. -0.03 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Tgt Ion:244 Resp: 1678906

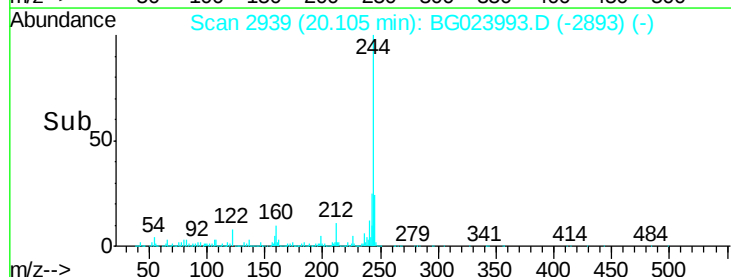
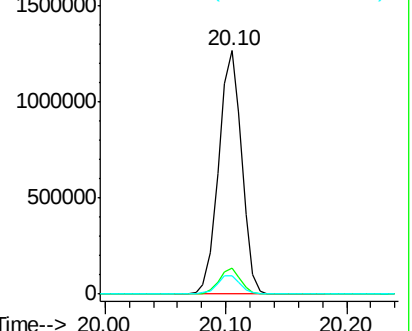
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2
122	7.5	8.0	12.0#

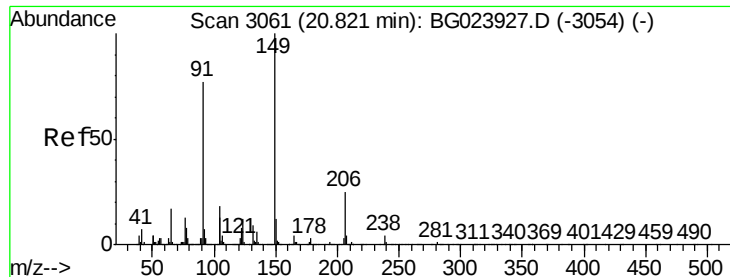


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

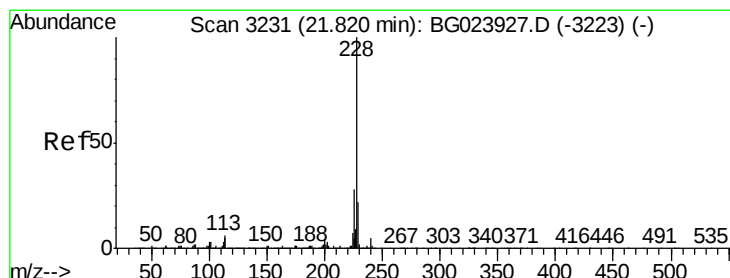
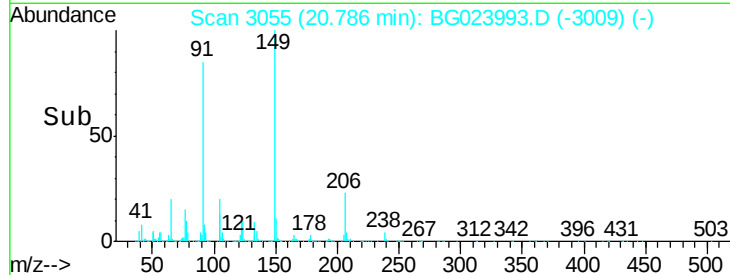
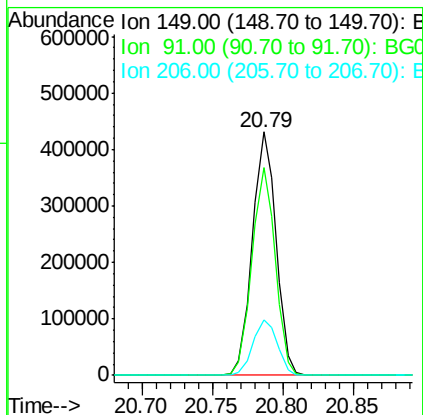
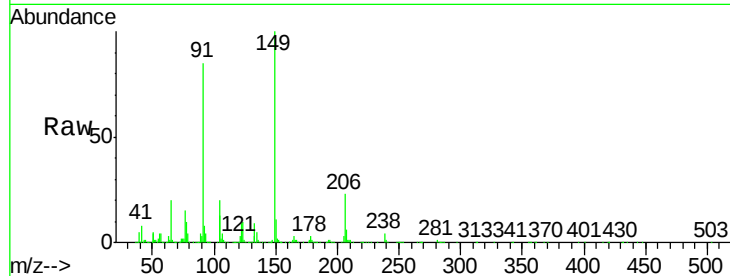




#79
Butylbenzylphthalate
Concen: 39.80 ng
RT: 20.79 min Scan# 3055
Delta R.T. -0.03 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

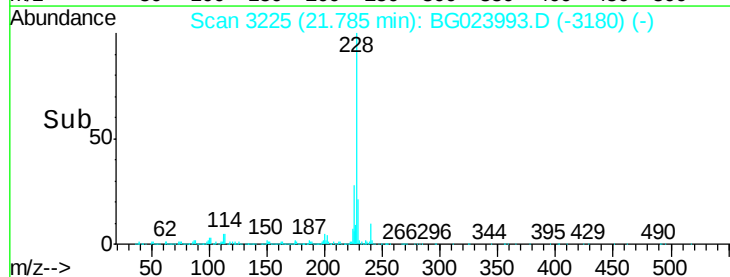
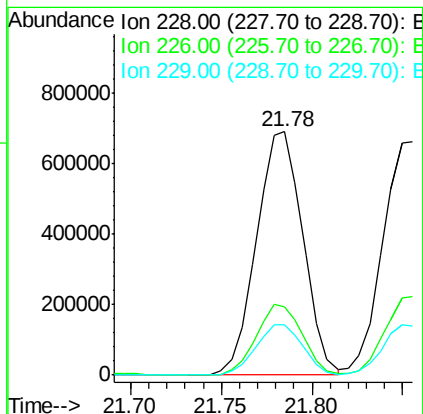
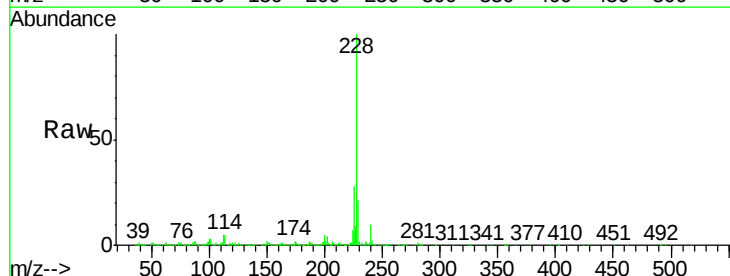
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

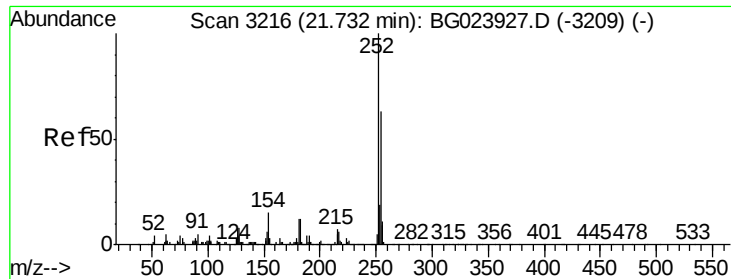
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.2	68.1	102.1
206	23.0	19.8	29.6



#80
Benzo(a)anthracene
Concen: 40.64 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.04 min
Lab File: BG023993.D
Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.3	37.9
229	20.6	19.9	29.9

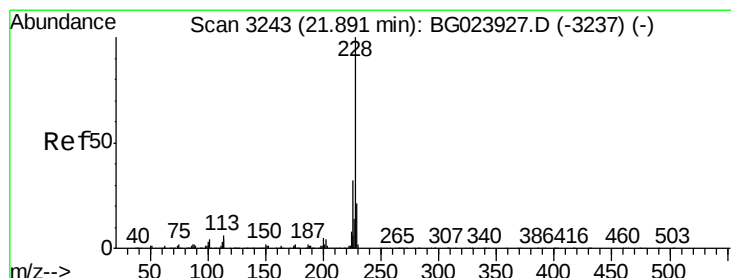
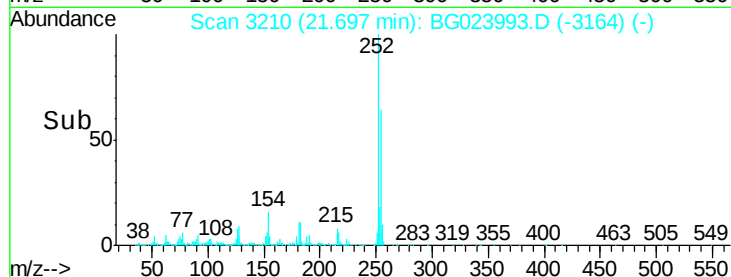
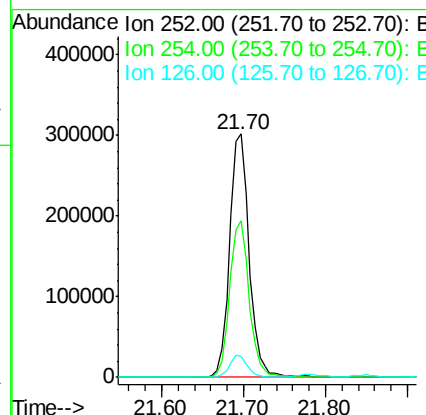
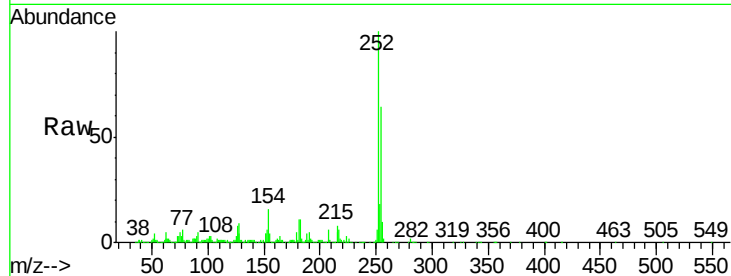




#81
 3,3'-Dichlorobenzidine
 Concen: 41.35 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.03 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

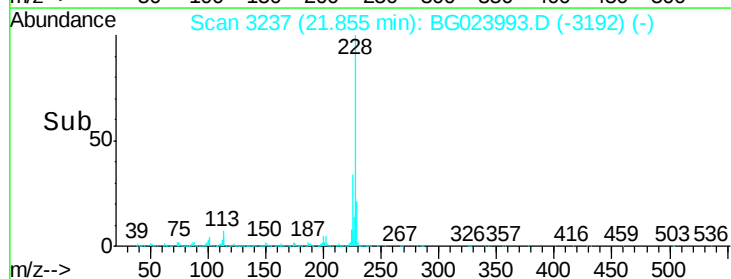
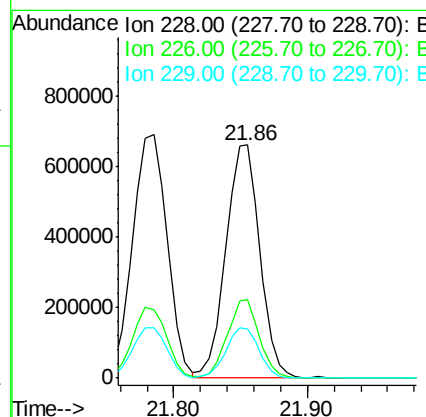
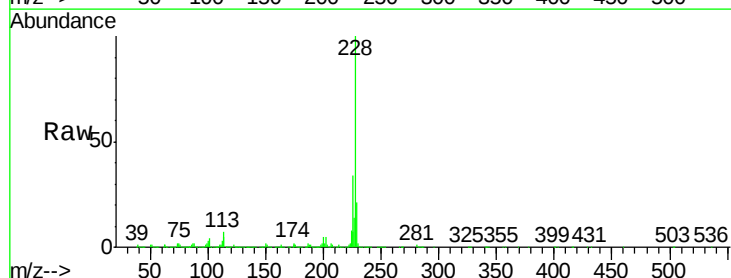
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

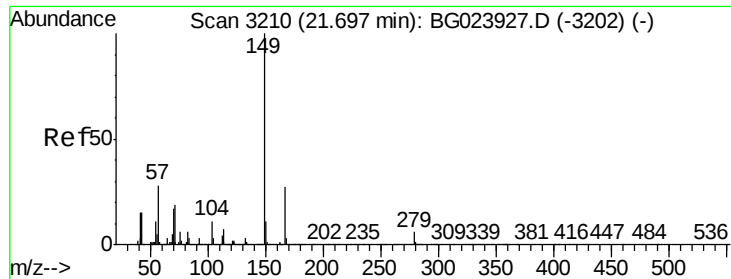
Tot Ion:252 Resp: 501076
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.2 76.8
 126 8.4 5.3 7.9#



#82
 Chrysene
 Concen: 40.71 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion:228 Resp: 1174886
 Ion Ratio Lower Upper
 228 100
 226 33.9 26.7 40.1
 229 20.8 17.4 26.2

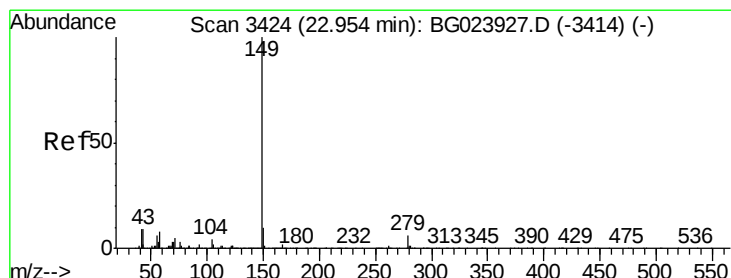
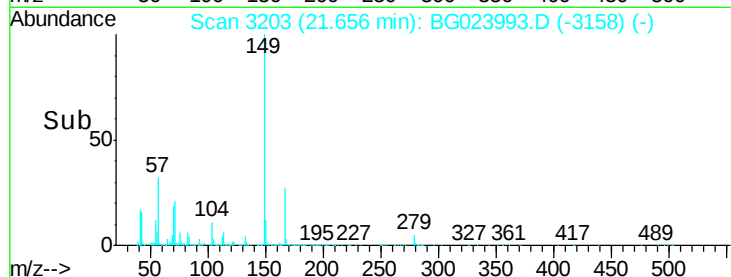
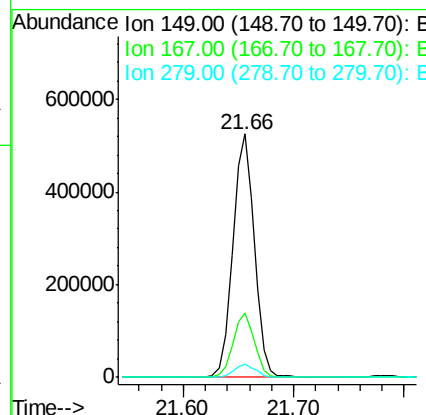
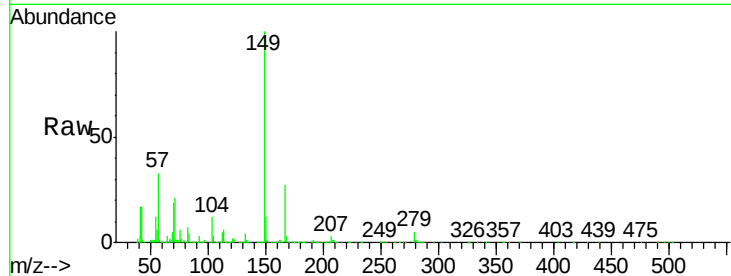




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.52 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

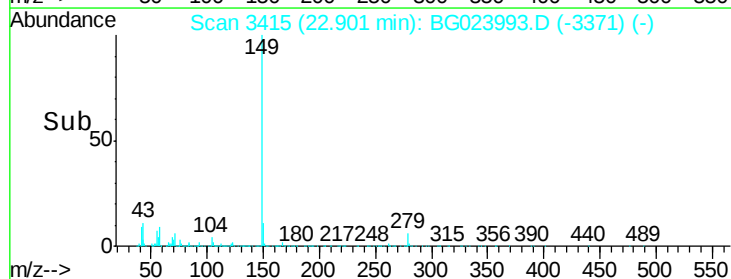
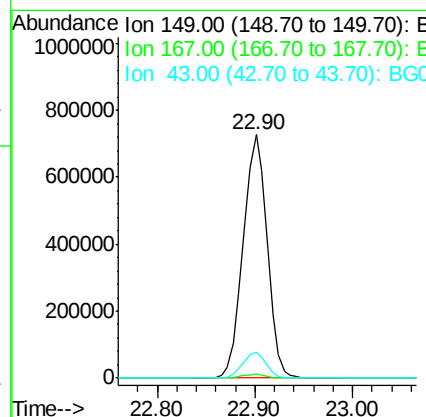
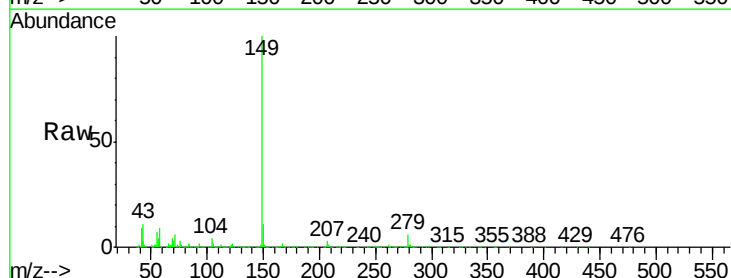
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

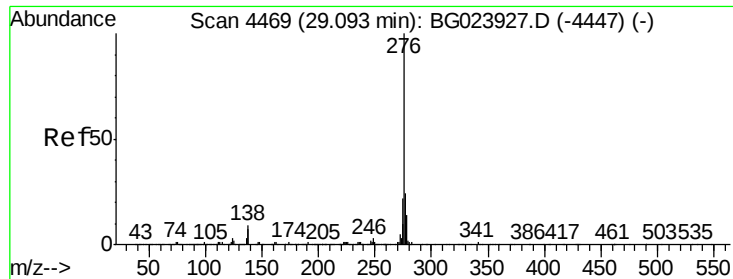
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.0	36.0
279	5.3	4.8	7.2



#84
 Di-n-octyl phthalate
 Concen: 43.13 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.04 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.5	2.3
43	10.5	8.8	13.2

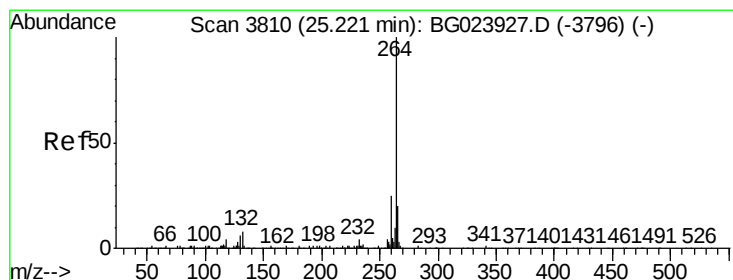
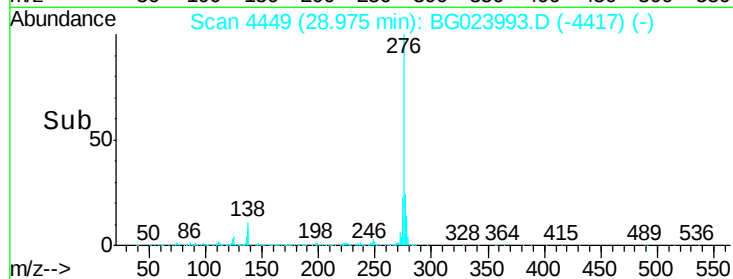
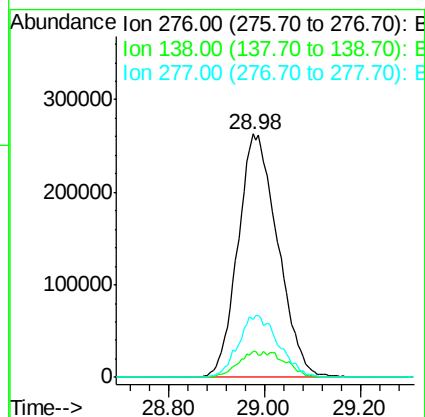
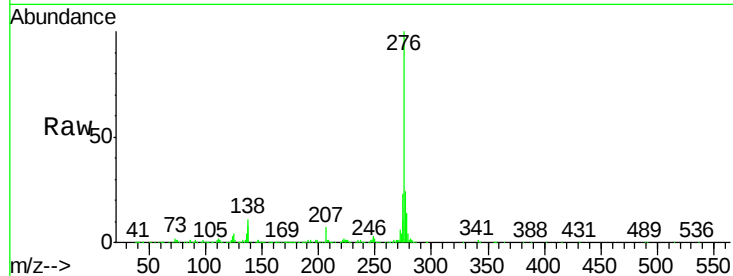




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.50 ng
 RT: 28.98 min Scan# 4449
 Delta R.T. -0.11 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

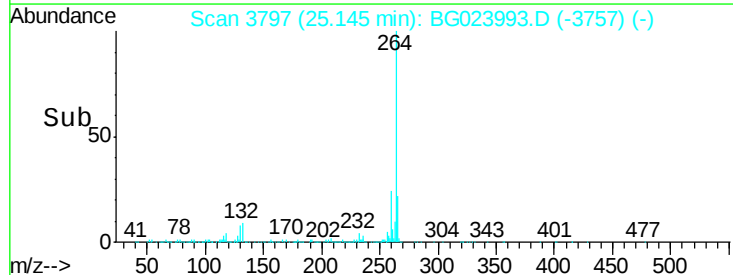
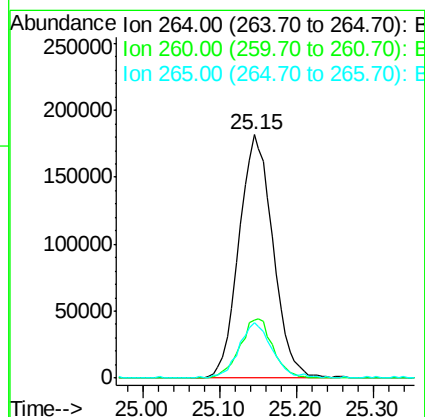
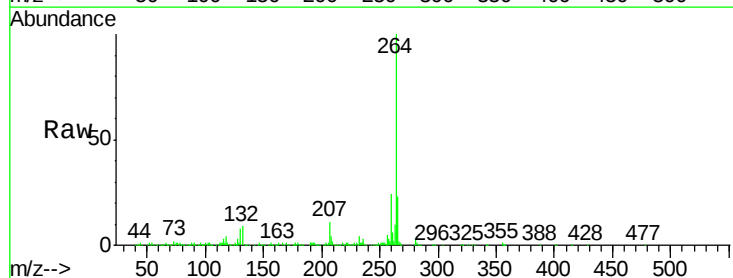
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

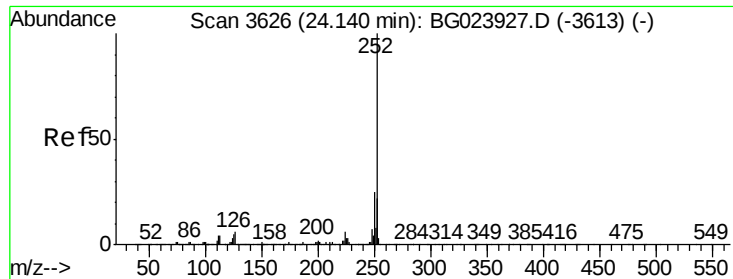
Tot Ion:276 Resp: 1517638
 Ion Ratio Lower Upper
 276 100
 138 6.1 0.0 0.0#
 277 25.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.15 min Scan# 3797
 Delta R.T. -0.07 min
 Lab File: BG023993.D
 Acq: 16 Sep 2016 14:53

Tgt Ion:264 Resp: 563204
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 22.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 41.67 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

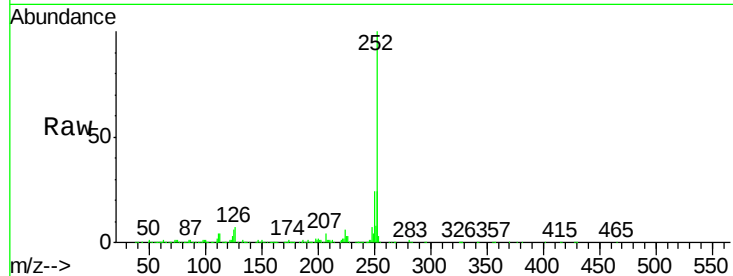
Tot Ion:252 Resp: 1333062

Ion Ratio Lower Upper

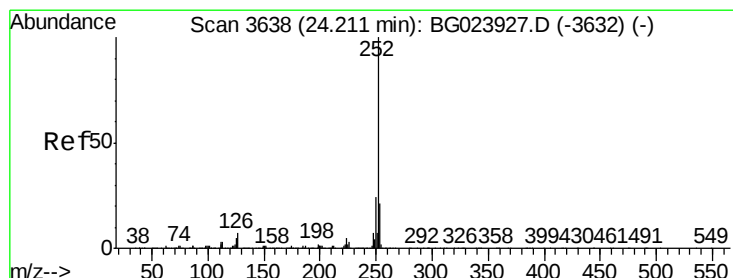
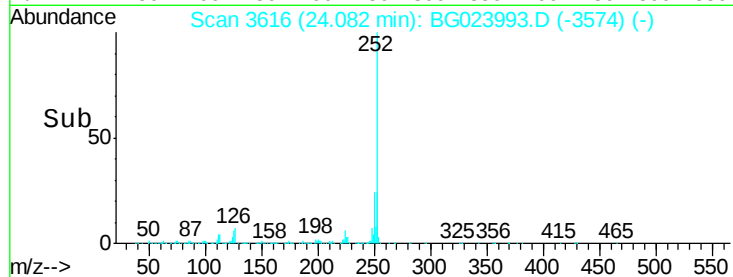
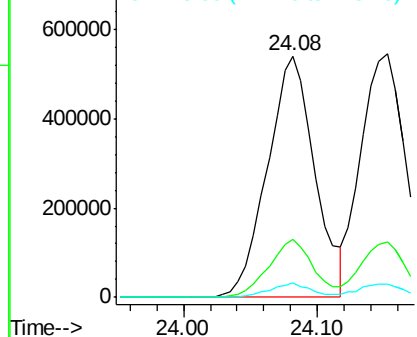
252 100

253 24.1 18.9 28.3

125 5.8 3.9 5.9



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: 40.10 ng

RT: 24.15 min Scan# 3628

Delta R.T. -0.05 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

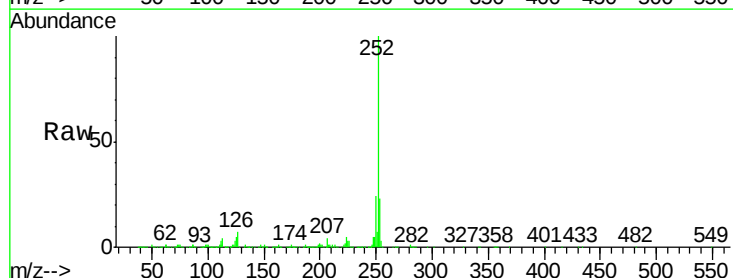
Tgt Ion:252 Resp: 1272005

Ion Ratio Lower Upper

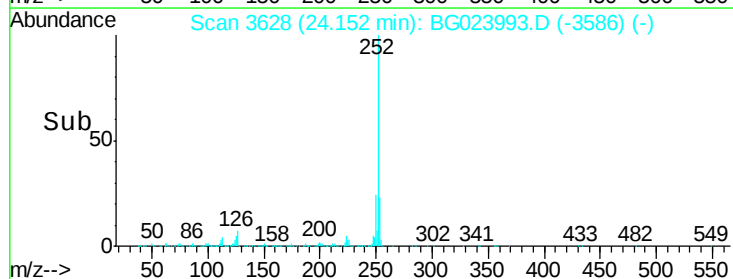
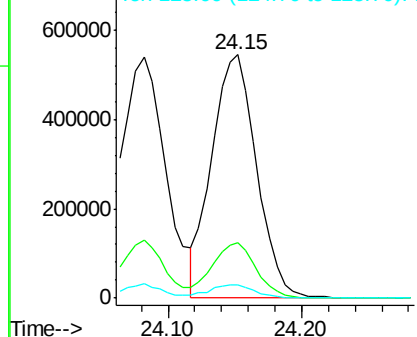
252 100

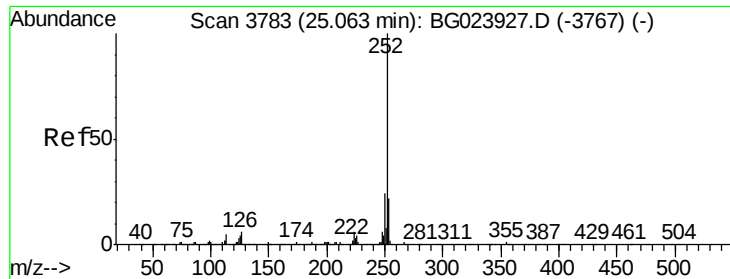
253 22.6 18.8 28.2

125 5.4 3.2 4.8#



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: 41.34 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.07 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

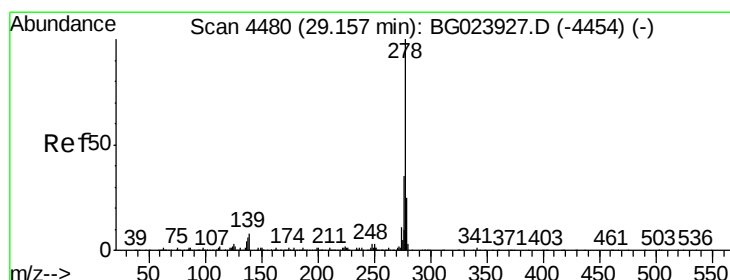
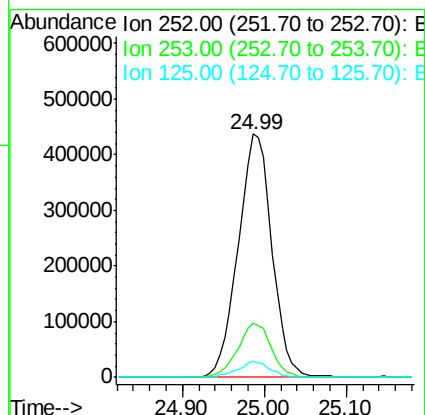
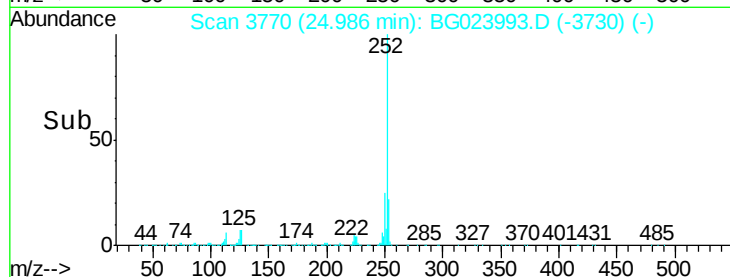
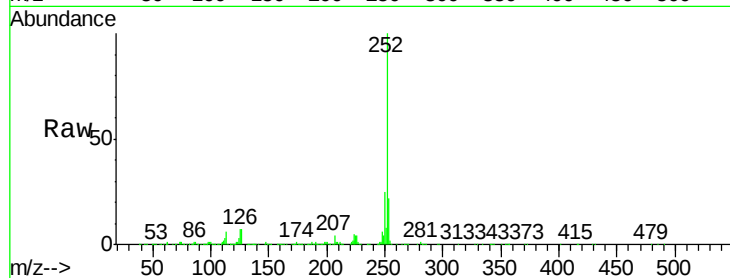
Tot Ion:252 Resp: 1256069

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

125 6.6 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 41.47 ng

RT: 29.03 min Scan# 4459

Delta R.T. -0.11 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

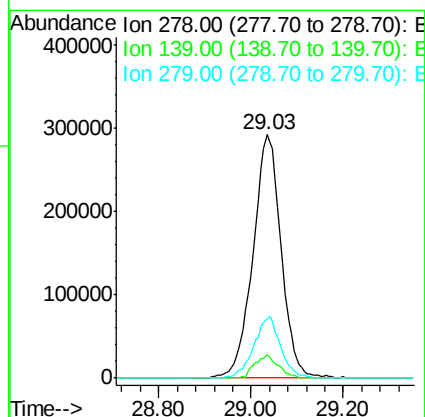
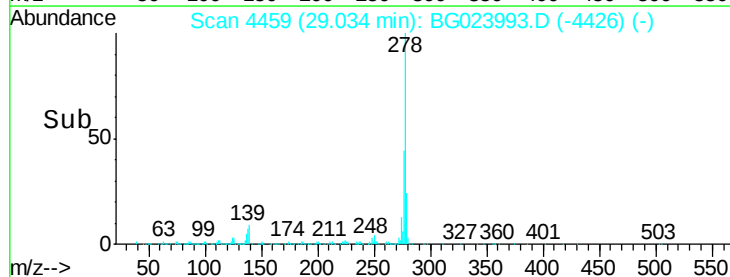
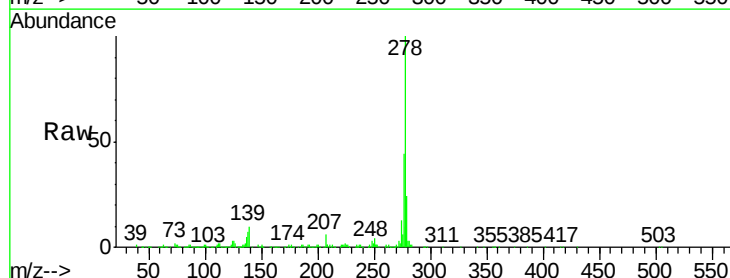
Tgt Ion:278 Resp: 1238995

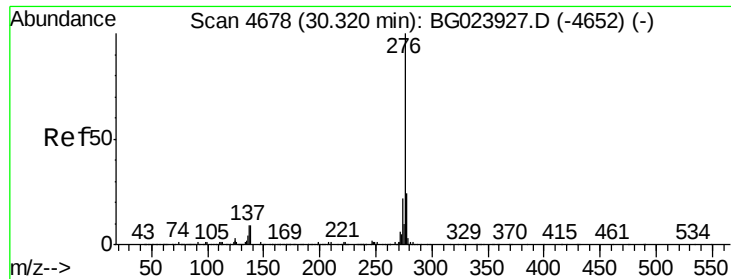
Ion Ratio Lower Upper

278 100

139 9.5 4.7 7.1#

279 24.3 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 43.47 ng

RT: 30.19 min Scan# 4655

Delta R.T. -0.11 min

Lab File: BG023993.D

Acq: 16 Sep 2016 14:53

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 1249146

Ion Ratio Lower Upper

276 100

277 24.8 18.6 27.8

138 9.9 6.8 10.2

