

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023237.D
 Acq On : 23 Jul 2016 5:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 06:05:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	116201	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	530389	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	381717	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	929463	20.00	ng	0.02
75) Chrysene-d12	21.90	240	978860	20.00	ng	0.02
86) Perylene-d12	25.31	264	985867	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	630625	88.76	ng	0.00
7) Phenol-d6	7.29	99	954679	85.79	ng	0.00
23) Nitrobenzene-d5	9.32	82	1042551	84.17	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	437393	63.76	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1984914	81.91	ng	0.01
78) Terphenyl-d14	20.18	244	2696330	88.90	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	106721	38.64	ng	89
3) Pyridine	3.94	79	375425	39.73	ng	93
4) n-Nitrosodimethylamine	3.85	42	174739	43.10	ng	# 86
6) Aniline	7.46	93	616360	39.97	ng	98
8) 2-Chlorophenol	7.70	128	310241	41.03	ng	100
9) Benzaldehyde	7.27	77	288416	38.79	ng	92
10) Phenol	7.32	94	475645	41.54	ng	88
11) bis(2-Chloroethyl)ether	7.55	93	358619	39.52	ng	88
12) 1,3-Dichlorobenzene	8.03	146	350714	37.89	ng	96
13) 1,4-Dichlorobenzene	8.18	146	352371	38.03	ng	100
14) 1,2-Dichlorobenzene	8.50	146	351192	38.13	ng	94
15) Benzyl Alcohol	8.38	79	382926	37.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	496230	44.77	ng	89
17) 2-Methylphenol	8.58	107	301427	40.44	ng	94
18) Hexachloroethane	9.24	117	153433	39.23	ng	91
19) n-Nitroso-di-n-propylamine	8.95	70	397195	39.59	ng	97
20) 3+4-Methylphenols	8.91	107	421908	40.59	ng	95
22) Acetophenone	8.97	105	616965	38.76	ng	# 96
24) Nitrobenzene	9.36	77	524415	39.84	ng	92
25) Isophorone	9.88	82	952510	38.23	ng	95
26) 2-Nitrophenol	10.08	139	203263	39.36	ng	# 85
27) 2,4-Dimethylphenol	10.14	122	345704	38.72	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	555542	39.98	ng	97
29) 2,4-Dichlorophenol	10.62	162	363678	38.19	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	400351	36.69	ng	98
31) Naphthalene	11.03	128	1082292	40.09	ng	100
32) Benzoic acid	10.28	122	281605	34.67	ng	92
33) 4-Chloroaniline	11.14	127	510463	38.66	ng	94
34) Hexachlorobutadiene	11.31	225	295156	33.37	ng	95
35) Caprolactam	11.92	113	143734	36.69	ng	92
36) 4-Chloro-3-methylphenol	12.26	107	483894	37.16	ng	98
37) 2-Methylnaphthalene	12.63	142	818301	38.35	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	584543	35.54	ng	98
40) Hexachlorocyclopentadiene	12.97	237	398630	42.10	ng	99

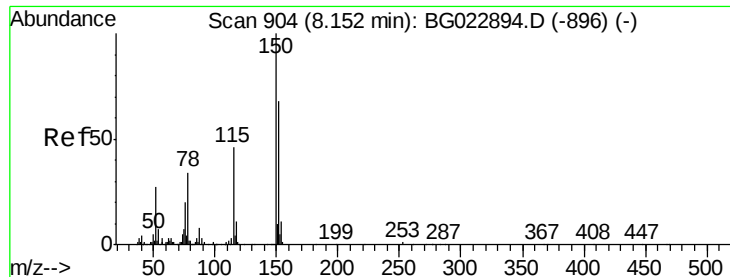
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023237.D
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 Operator : UM/SJ
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Quant Time: Jul 23 06:05:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	336985	35.64	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	349761	36.02	ng	94
45) 1,1'-Biphenyl	13.64	154	1174275	41.00	ng	97
46) 2-Chloronaphthalene	13.68	162	947511	40.78	ng	97
47) 2-Nitroaniline	13.89	65	429200	43.30	ng	94
48) Acenaphthylene	14.54	152	1447845	41.54	ng	98
49) Dimethylphthalate	14.25	163	1207239	38.72	ng	98
50) 2,6-Dinitrotoluene	14.38	165	275133	39.26	ng	93
51) Acenaphthene	14.88	154	923467	40.55	ng	99
52) 3-Nitroaniline	14.72	138	293058	41.94	ng	89
53) 2,4-Dinitrophenol	14.92	184	174008	36.19	ng	91
54) Dibenzofuran	15.21	168	1355801	39.77	ng	99
55) 4-Nitrophenol	15.03	139	273411	46.68	ng	94
56) 2,4-Dinitrotoluene	15.18	165	390360	38.21	ng	96
57) Fluorene	15.86	166	1158698	39.49	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	324333	33.39	ng	94
59) Diethylphthalate	15.62	149	1251155	39.44	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	643634	36.02	ng	98
61) 4-Nitroaniline	15.89	138	331185	43.80	ng	# 79
62) Azobenzene	16.15	77	1337076	44.06	ng	94
64) 4,6-Dinitro-2-methylphenol	15.94	198	266907	38.64	ng	94
65) n-Nitrosodiphenylamine	16.07	169	1083821	40.47	ng	95
66) 4-Bromophenyl-phenylether	16.75	248	420265	34.75	ng	98
67) Hexachlorobenzene	16.88	284	446318	33.94	ng	96
68) Atrazine	17.02	200	437917	36.87	ng	97
69) Pentachlorophenol	17.22	266	353155	41.48	ng	97
70) Phenanthrene	17.62	178	1855097	40.73	ng	98
71) Anthracene	17.71	178	1913231	41.48	ng	97
72) Carbazole	17.98	167	1706325	42.81	ng	98
73) Di-n-butylphthalate	18.53	149	1993714	44.98	ng	99
74) Fluoranthene	19.63	202	2182996	39.05	ng	98
76) Benzidine	19.81	184	1662818	59.25	ng	96
77) Pyrene	19.99	202	2236575	40.66	ng	98
79) Butylbenzylphthalate	20.87	149	987849	45.34	ng	99
80) Benzo(a)anthracene	21.88	228	2149229	39.24	ng	98
81) 3,3'-Dichlorobenzidine	21.79	252	846645	35.22	ng	# 98
82) Chrysene	21.95	228	2041512	39.74	ng	96
83) Bis(2-ethylhexyl)phthalate	21.76	149	1357752	44.88	ng	99
84) Di-n-octyl phthalate	23.03	149	2341719	46.41	ng	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	2429042	37.08	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	2209975	38.85	ng	# 98
88) Benzo(k)fluoranthene	24.29	252	2234805	41.40	ng	# 96
89) Benzo(a)pyrene	25.15	252	2159377	39.60	ng	# 98
90) Dibenzo(a,h)anthracene	29.27	278	2058038	38.03	ng	# 94
91) Benzo(g,h,i)perylene	30.43	276	2093509	38.63	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

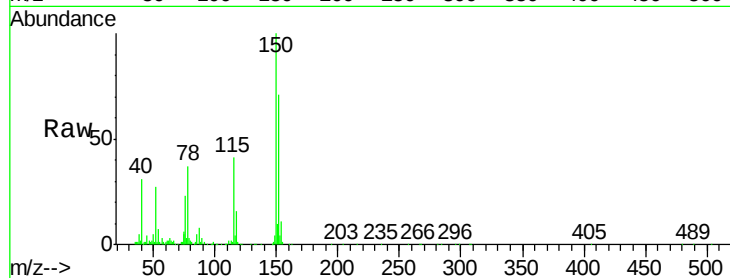
Tgt Ion:152 Resp: 116201

Ion Ratio Lower Upper

152 100

150 141.6 144.7 217.1#

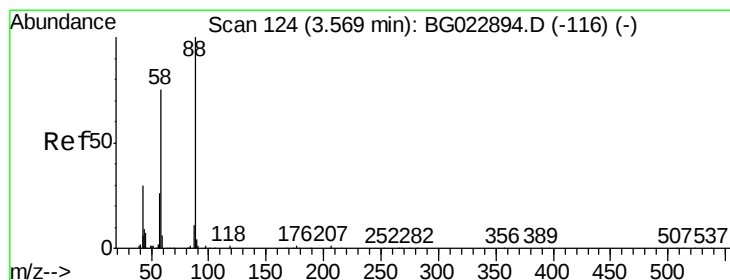
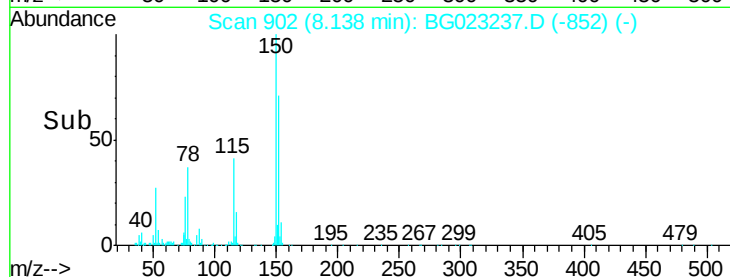
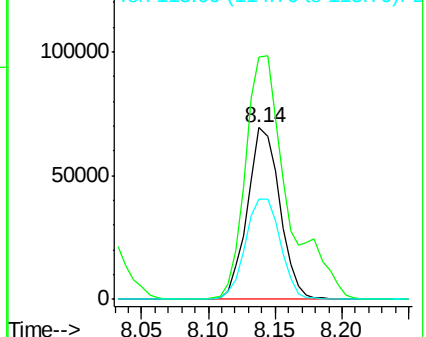
115 58.3 64.0 96.0#



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: 38.64 ng

RT: 3.54 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

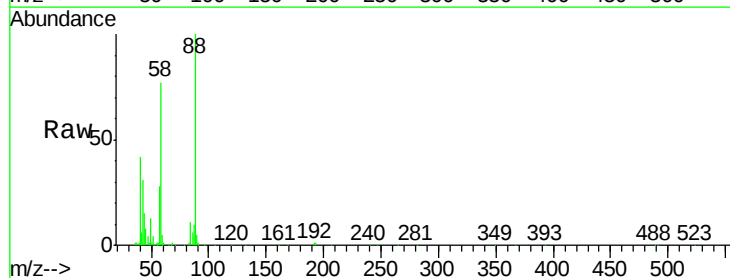
Tgt Ion: 88 Resp: 106721

Ion Ratio Lower Upper

88 100

58 87.3 60.4 90.6

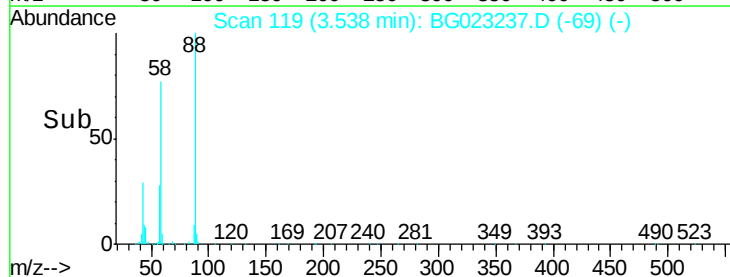
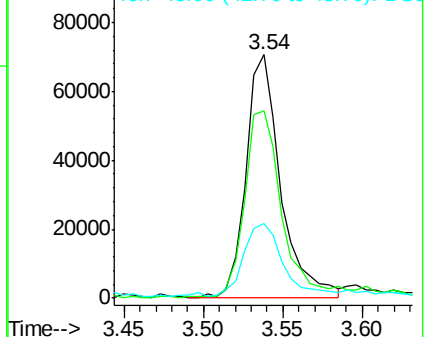
43 35.9 31.1 46.7

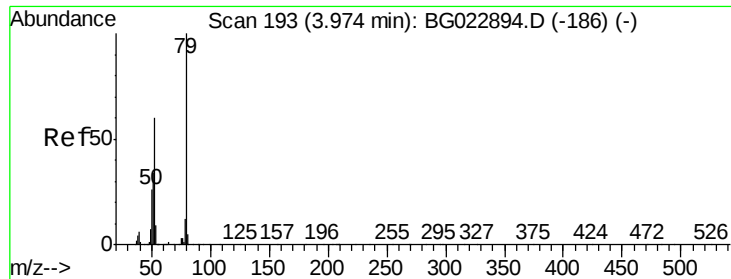


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.73 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

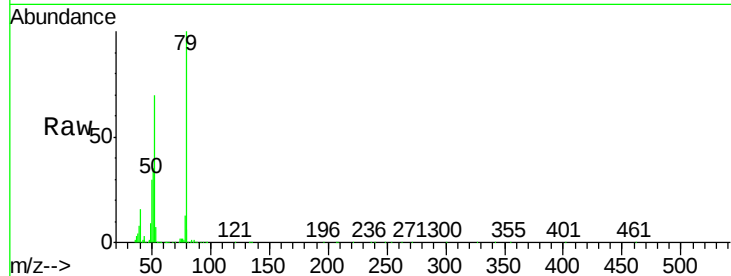
Tgt Ion: 79 Resp: 375425

Ion Ratio Lower Upper

79 100

52 69.6 51.8 77.8

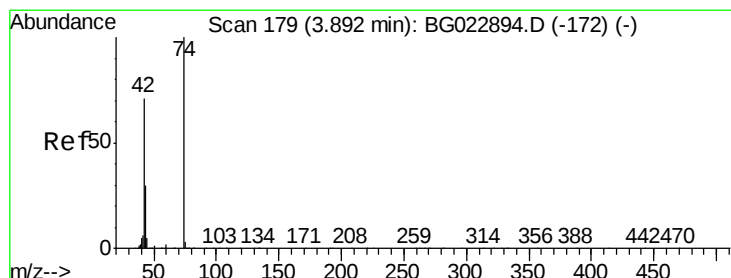
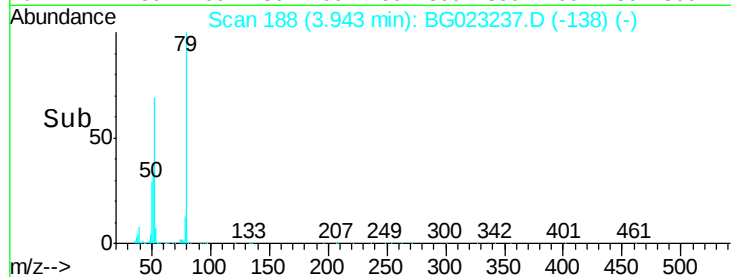
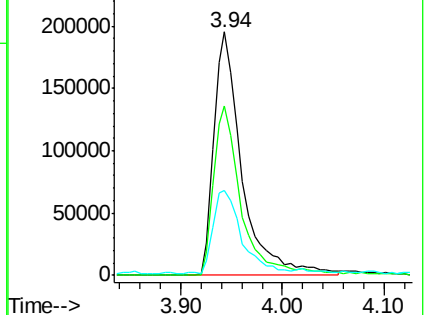
51 35.1 32.7 49.1



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: 43.10 ng

RT: 3.85 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

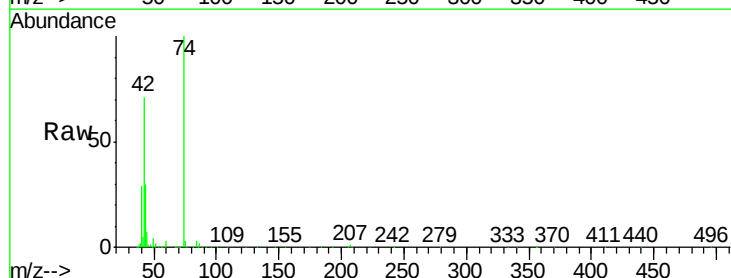
Tgt Ion: 42 Resp: 174739

Ion Ratio Lower Upper

42 100

74 141.3 100.6 150.8

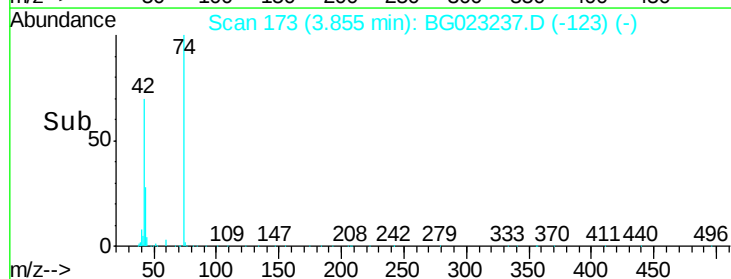
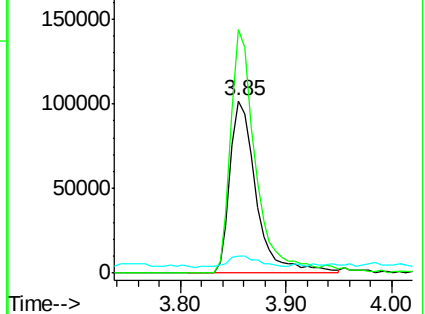
44 10.2 4.5 6.7#

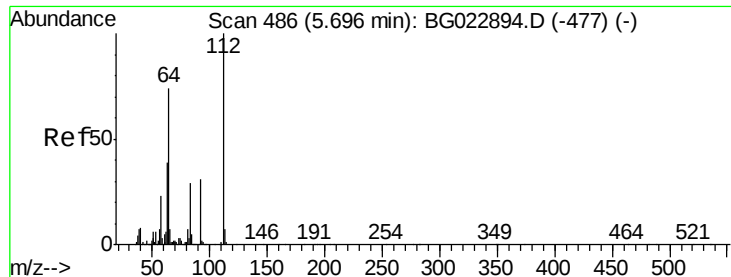


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 88.76 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

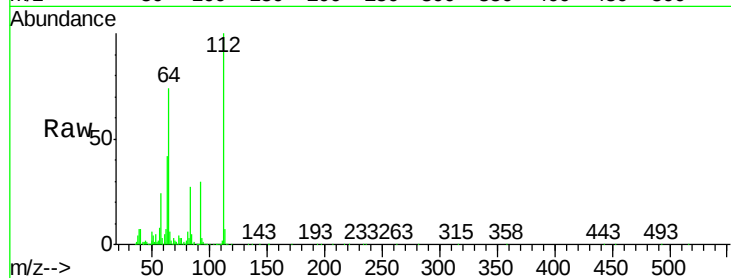
Tgt Ion: 112 Resp: 630625

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

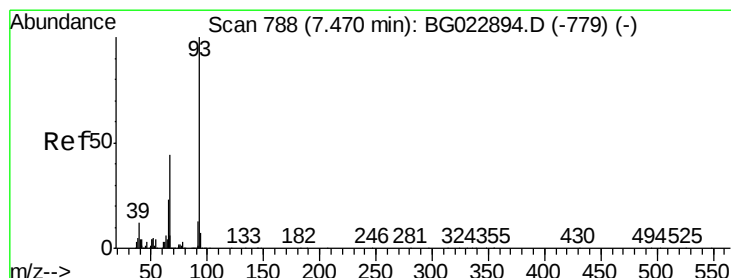
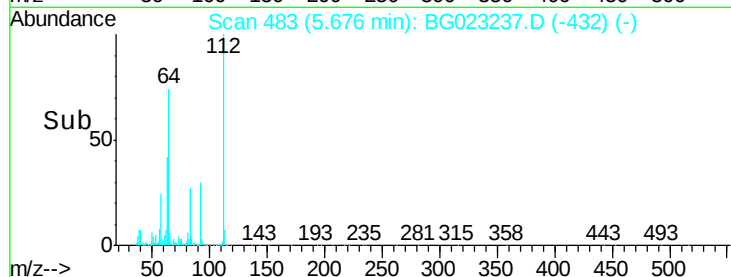
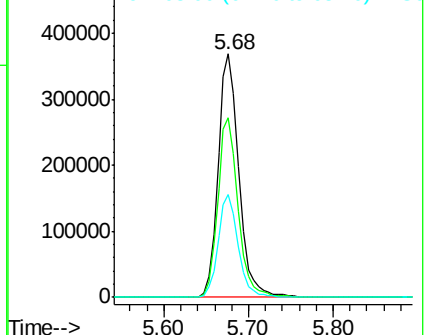
63 42.5 37.8 56.8



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: 39.97 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

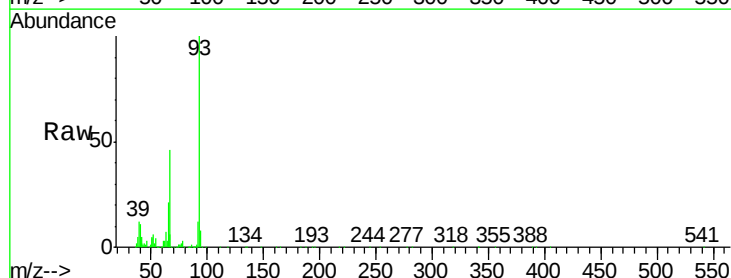
Tgt Ion: 93 Resp: 616360

Ion Ratio Lower Upper

93 100

66 45.7 37.5 56.3

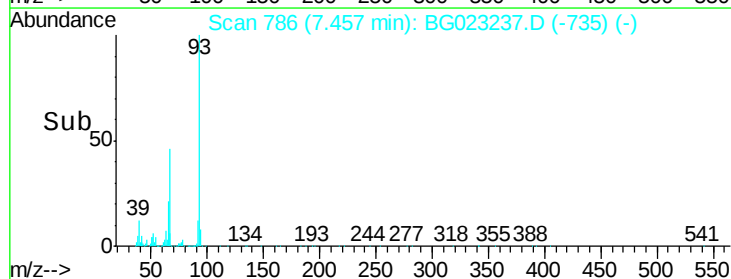
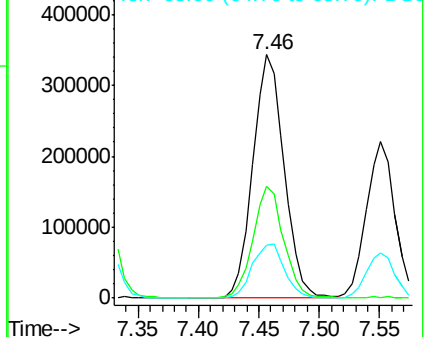
65 21.5 17.9 26.9

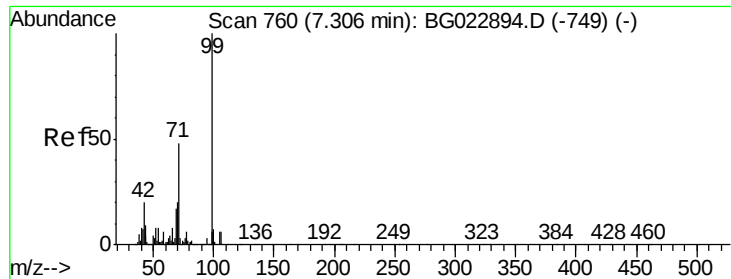


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.79 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

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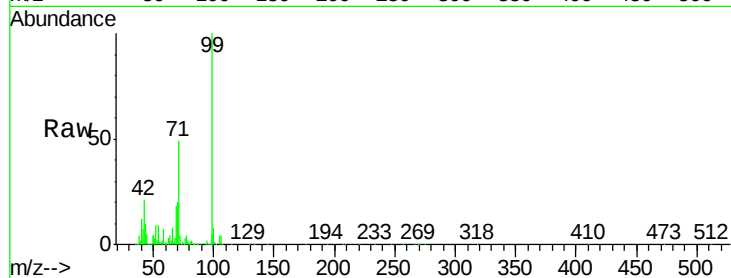
Tgt Ion: 99 Resp: 954679

Ion Ratio Lower Upper

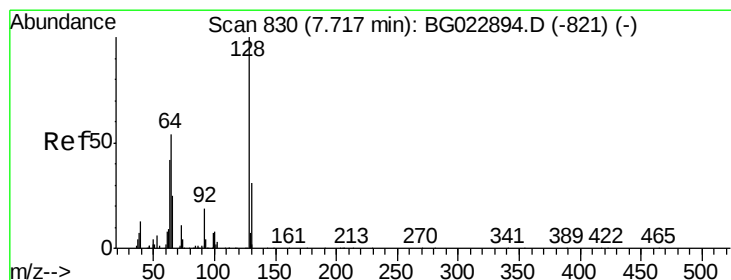
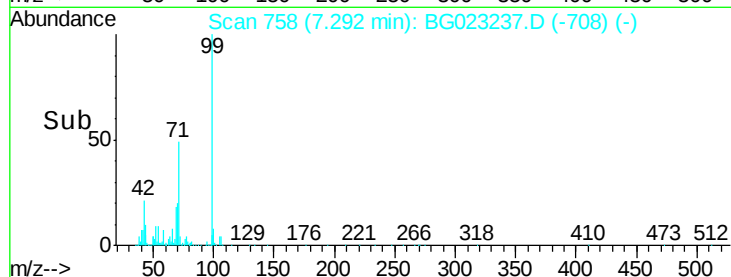
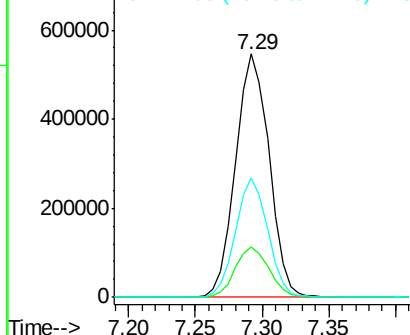
99 100

42 20.6 17.8 26.6

71 48.9 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: 41.03 ng

RT: 7.70 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

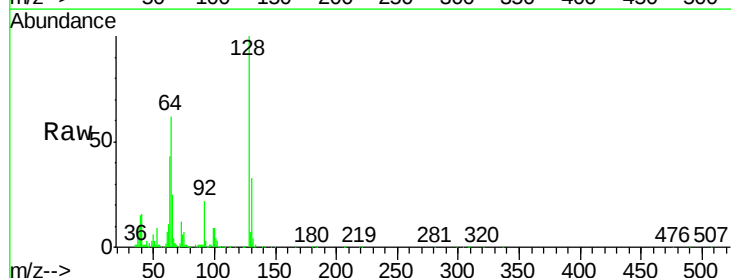
Tgt Ion: 128 Resp: 310241

Ion Ratio Lower Upper

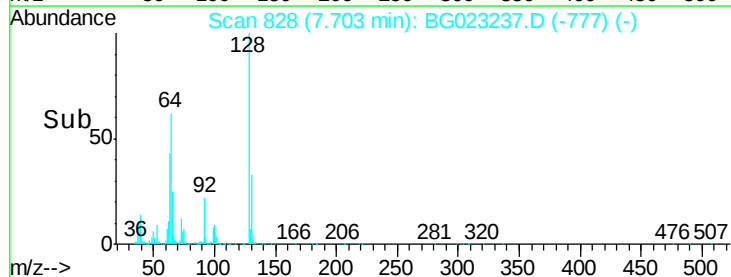
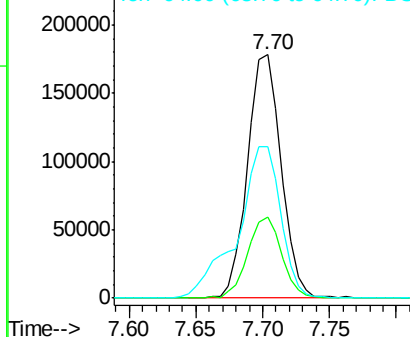
128 100

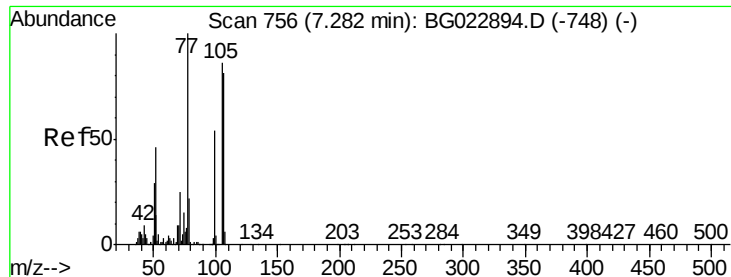
130 33.1 12.9 52.9

64 62.0 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: 38.79 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

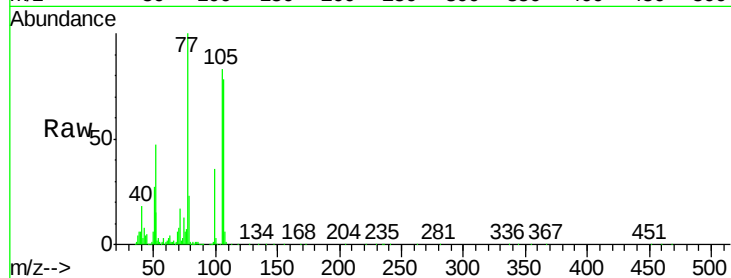
Tgt Ion: 77 Resp: 288416

Ion Ratio Lower Upper

77 100

105 82.8 58.7 98.7

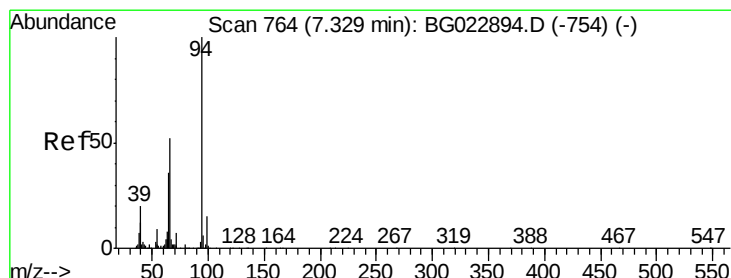
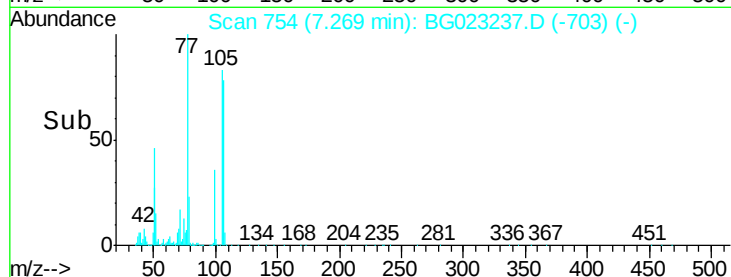
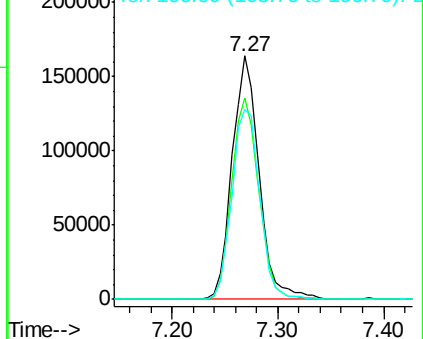
106 78.2 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.54 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

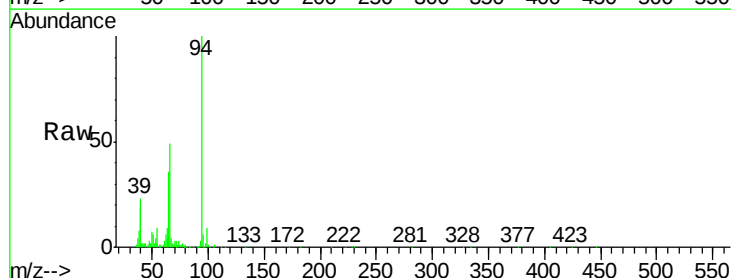
Tgt Ion: 94 Resp: 475645

Ion Ratio Lower Upper

94 100

65 36.4 18.1 58.1

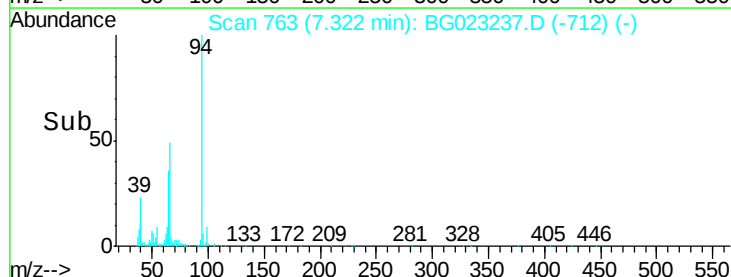
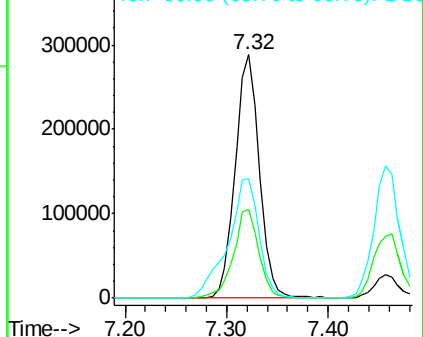
66 48.8 42.1 82.1

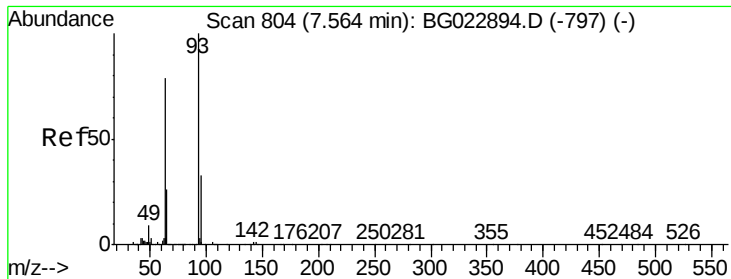


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

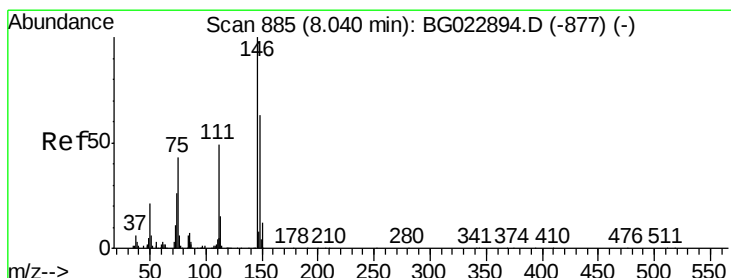
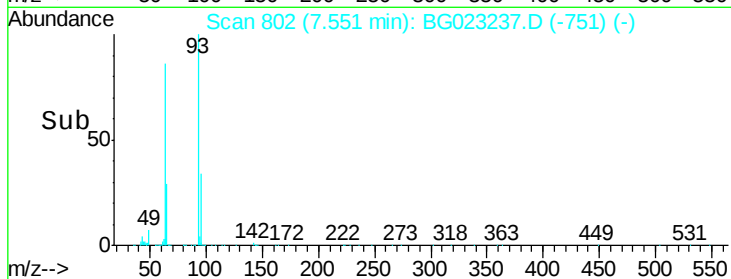
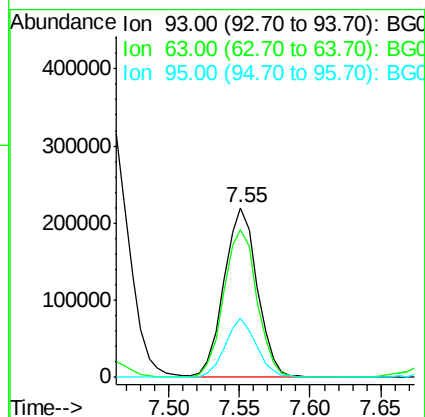
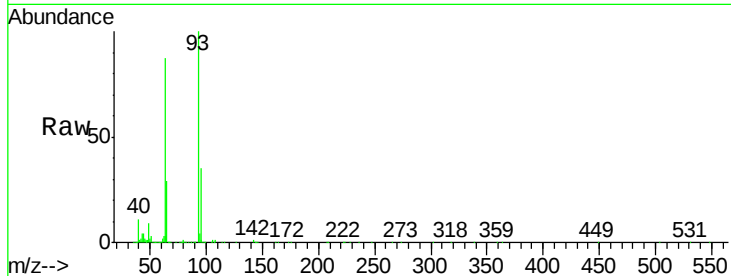




#11
bis(2-Chloroethyl)ether
Concen: 39.52 ng
RT: 7.55 min Scan# 802
Delta R.T. 0.00 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

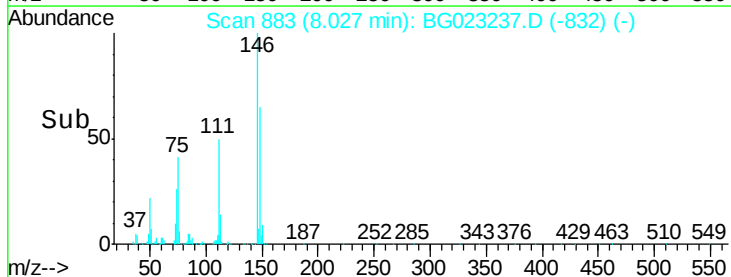
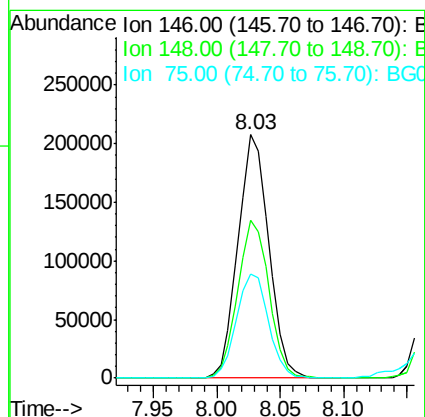
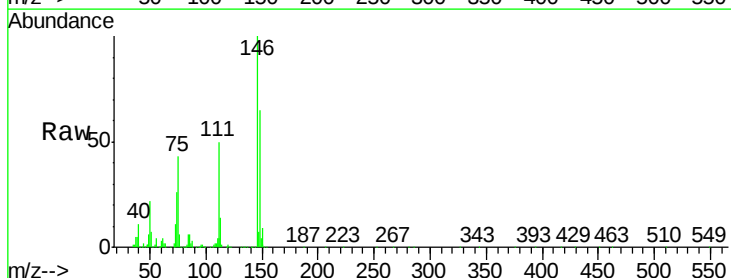
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

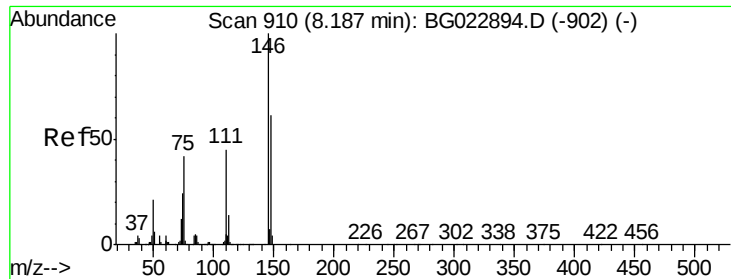
Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.0	55.0	95.0
95	34.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 8.03 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
75	42.5	37.0	55.6

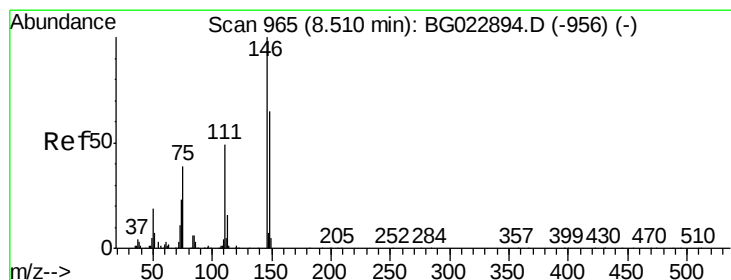
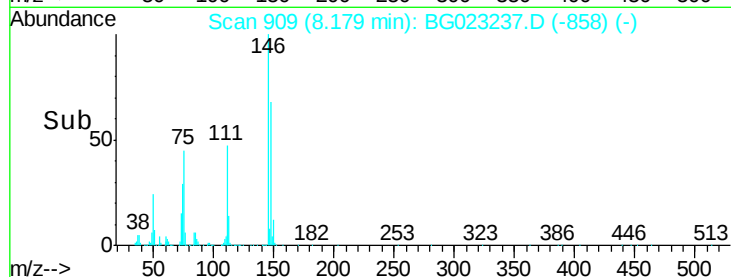
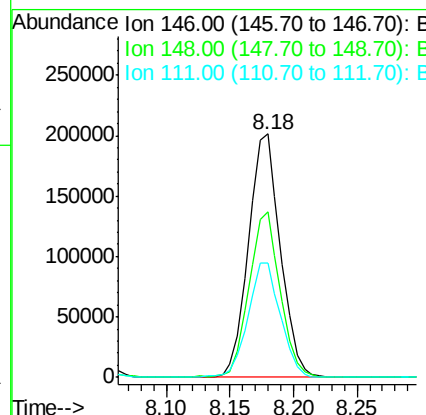
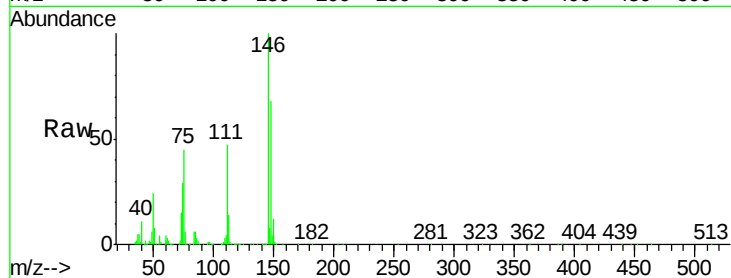




#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 8.18 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

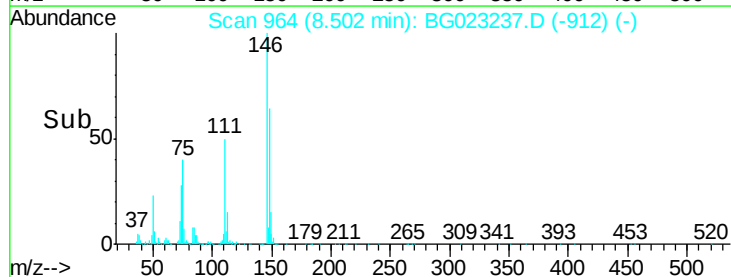
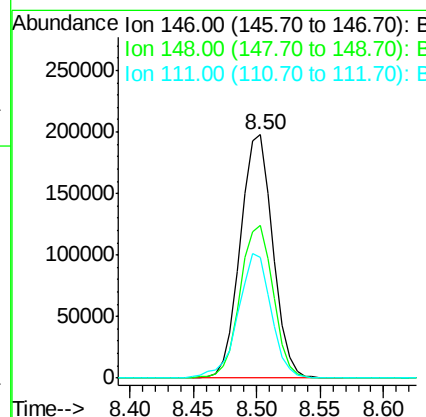
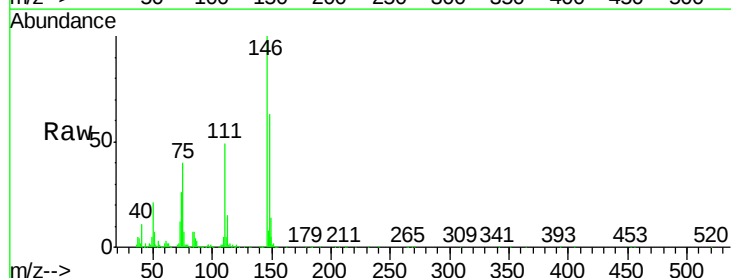
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

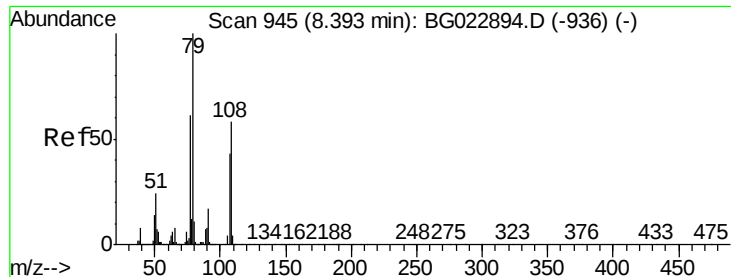
Tgt Ion:146 Resp: 352371
 Ion Ratio Lower Upper
 146 100
 148 68.2 54.5 81.7
 111 47.1 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 38.13 ng
 RT: 8.50 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:146 Resp: 351192
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.9 79.3
 111 49.4 43.5 65.3





#15

Benzyl Alcohol

Concen: 37.57 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

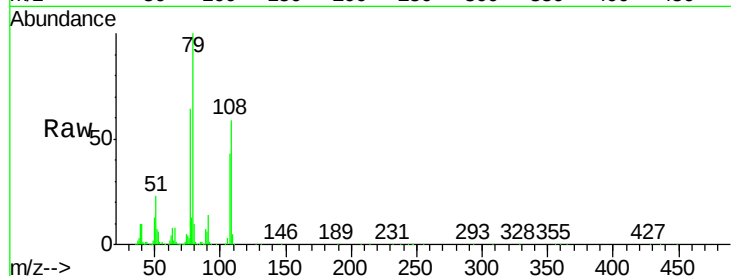
Tgt Ion: 79 Resp: 382926

Ion Ratio Lower Upper

79 100

108 59.2 46.5 69.7

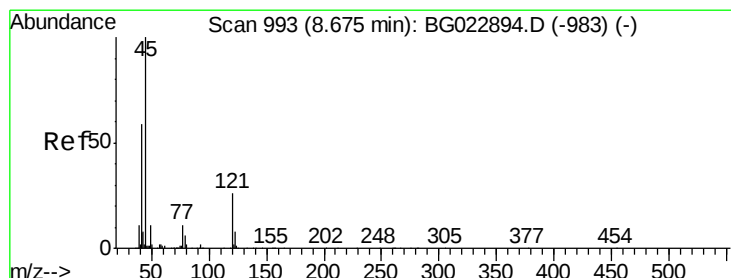
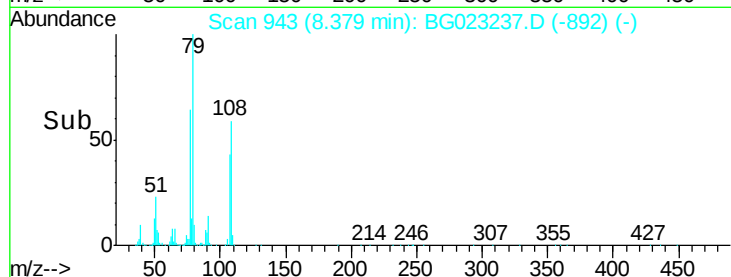
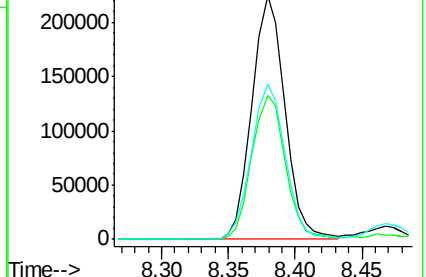
77 63.9 52.3 78.5



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: 44.77 ng

RT: 8.67 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

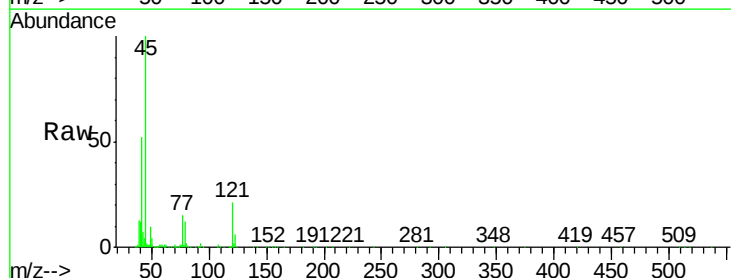
Tgt Ion: 45 Resp: 496230

Ion Ratio Lower Upper

45 100

77 14.7 0.6 40.6

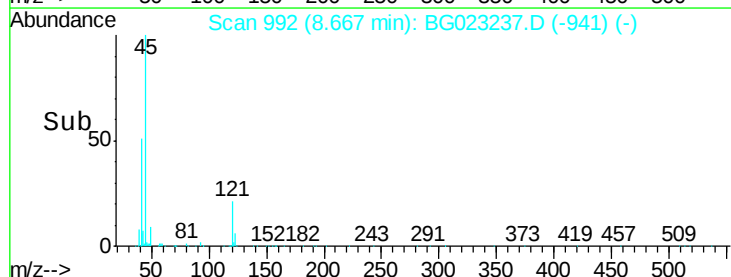
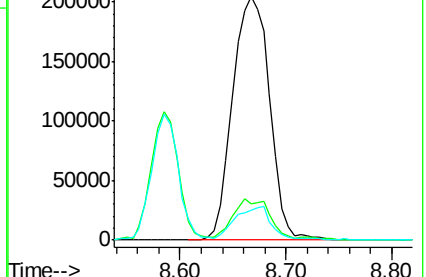
79 12.4 0.0 36.2

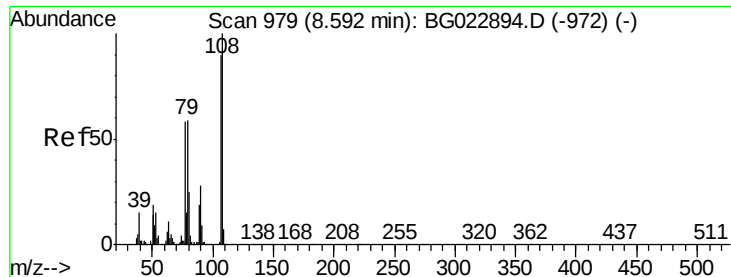


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

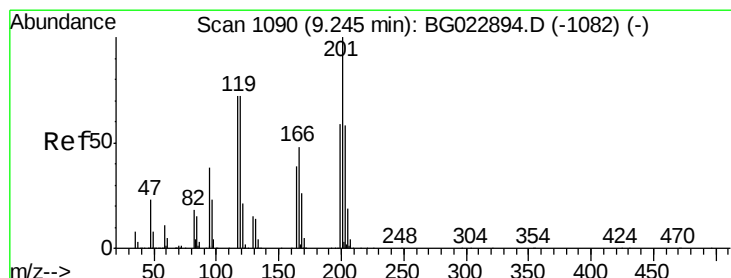
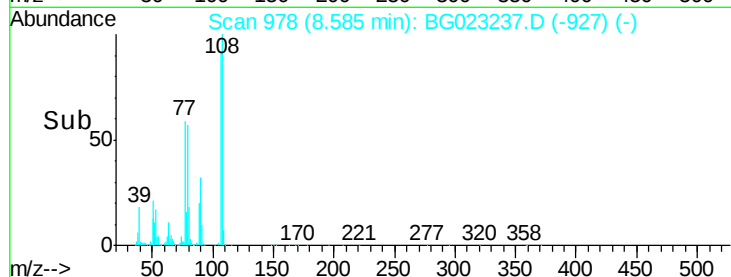
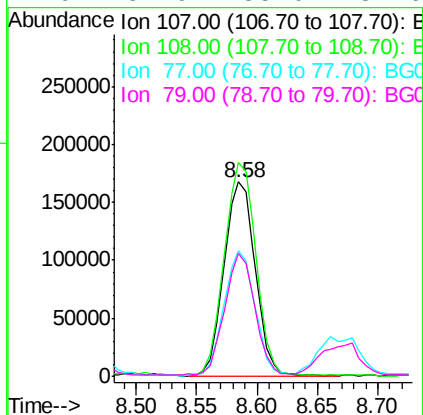
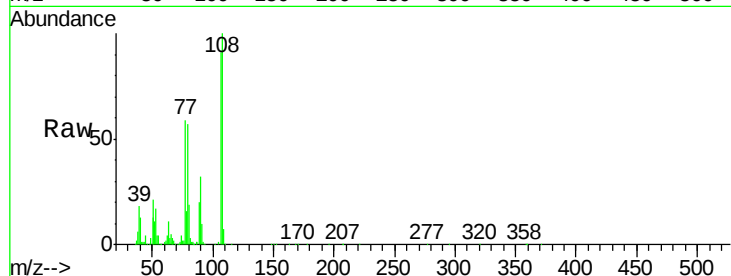




#17
2-Methylphenol
Concen: 40.44 ng
RT: 8.58 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

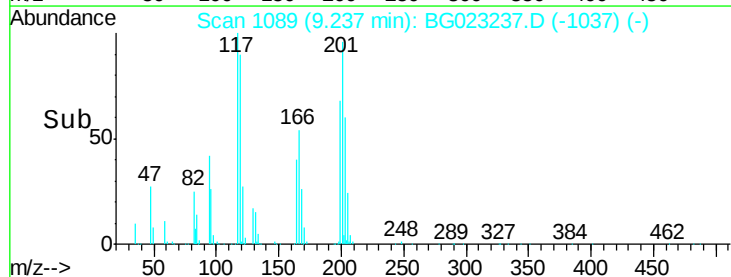
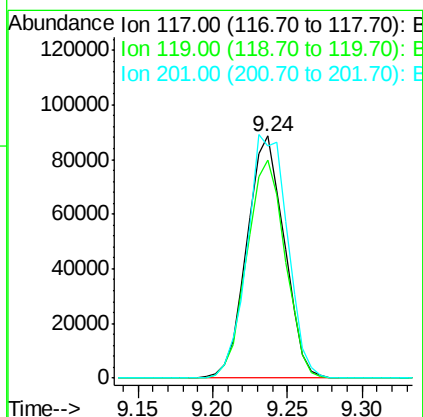
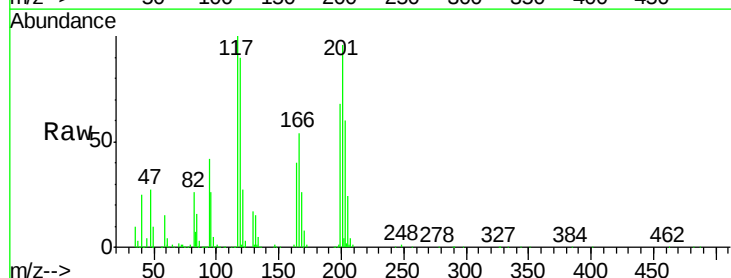
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

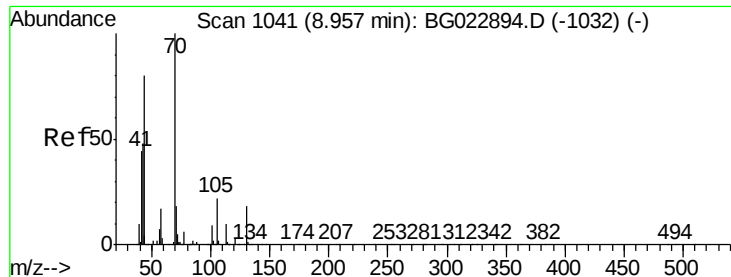
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.9	92.0	138.0
77	64.5	55.8	83.6
79	62.9	55.0	82.6



#18
Hexachloroethane
Concen: 39.23 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	73.7	110.5
201	96.1	88.7	133.1

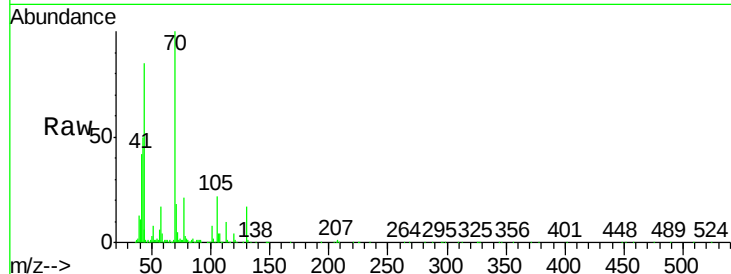




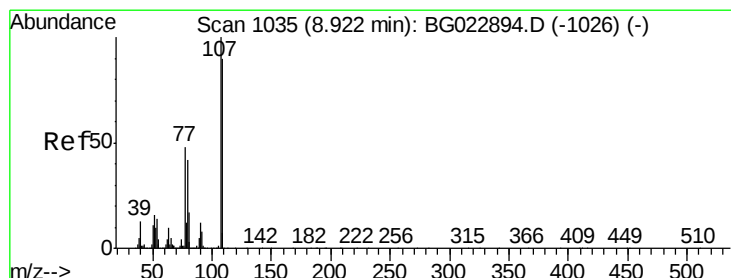
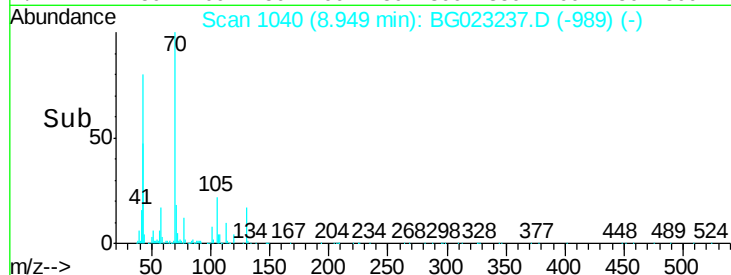
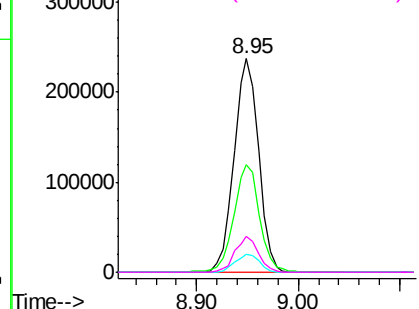
#19
n-Nitroso-di-n-propylamine
Concen: 39.59 ng
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	397195
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	8.3	7.2	10.8
130	16.7	14.2	21.2

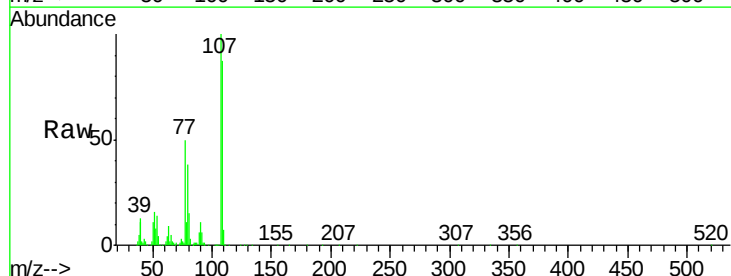


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

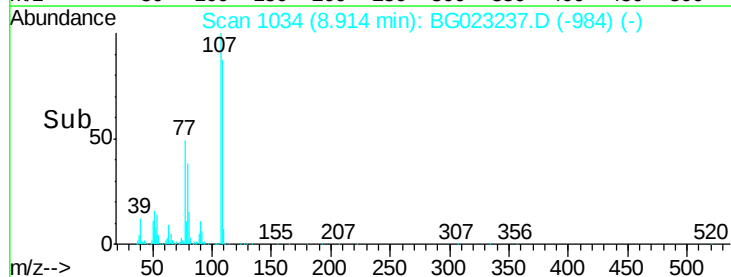
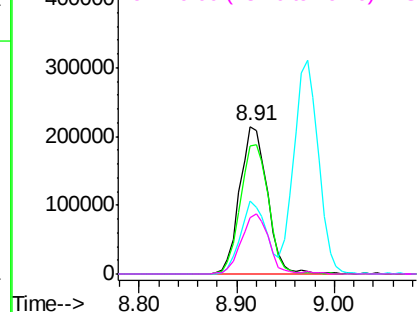


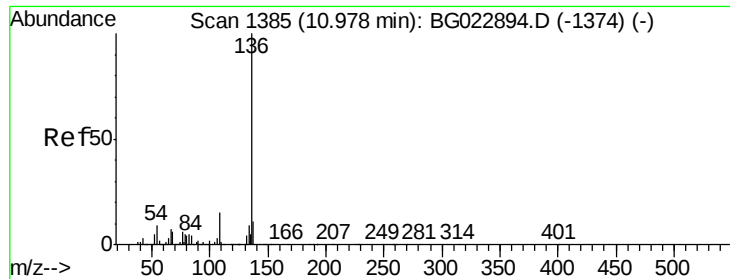
#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:	107	Resp:	421908
Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.5	112.5
77	49.7	30.1	70.1
79	38.2	24.2	64.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 530389

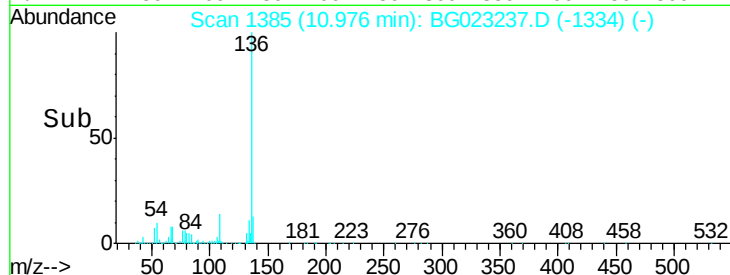
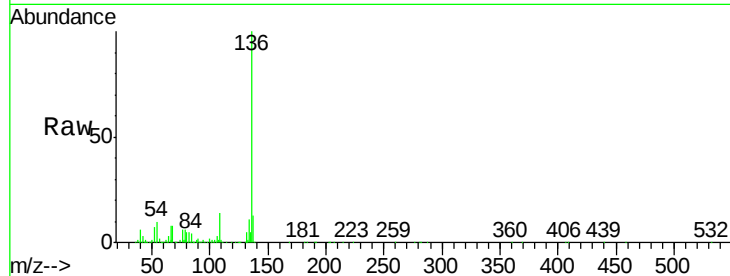
Ion Ratio Lower Upper

136 100

137 13.3 9.6 14.4

54 10.0 7.3 10.9

68 8.0 5.3 7.9#

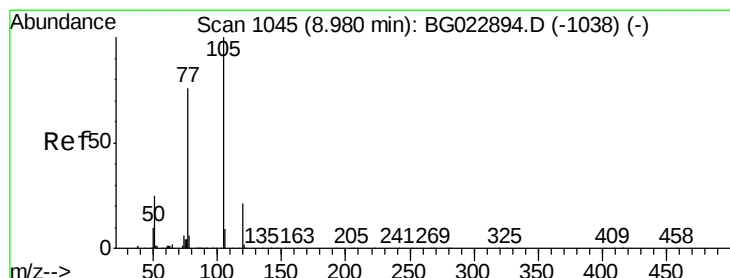
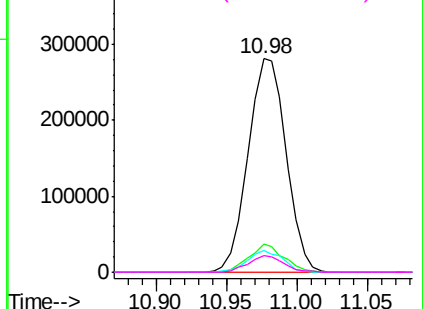


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.76 ng

RT: 8.97 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Tgt Ion:105 Resp: 616965

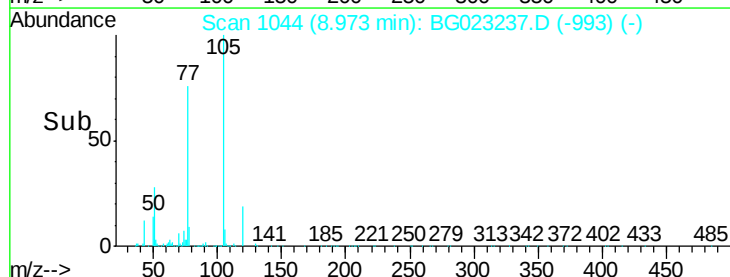
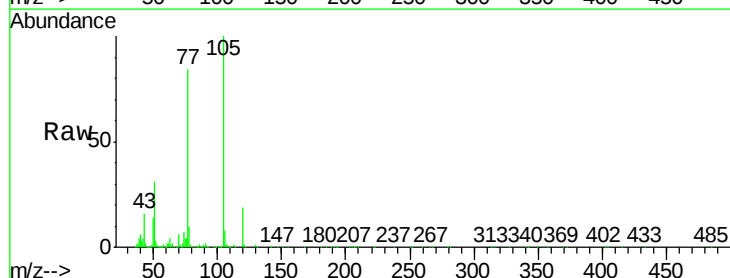
Ion Ratio Lower Upper

105 100

71 0.8 2.6 3.8#

51 30.5 27.1 40.7

120 19.5 15.1 22.7

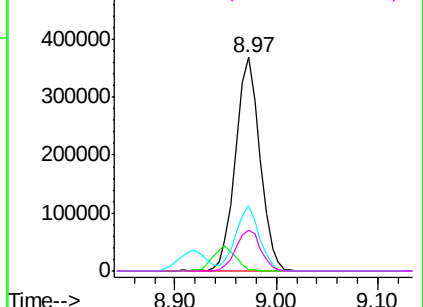


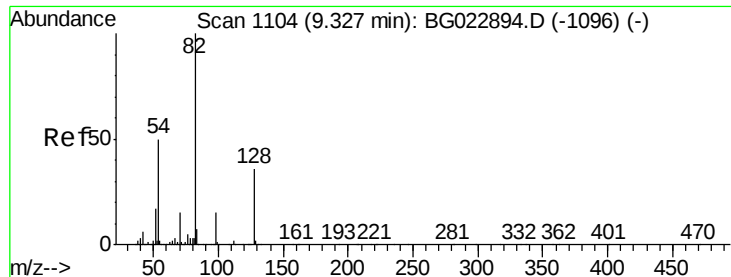
Abundance Ion 105.00 (104.70 to 105.70): E

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

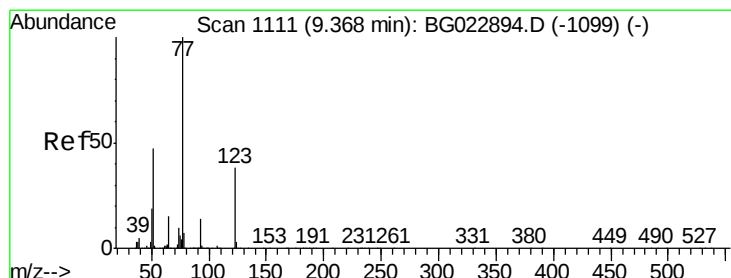
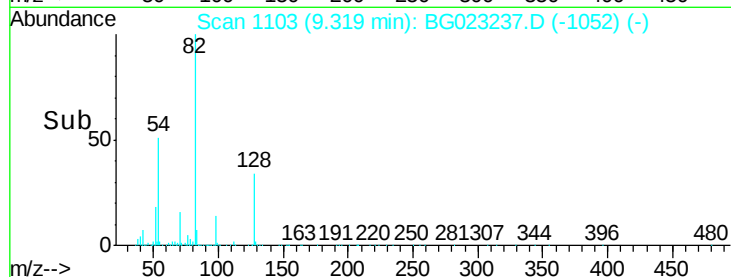
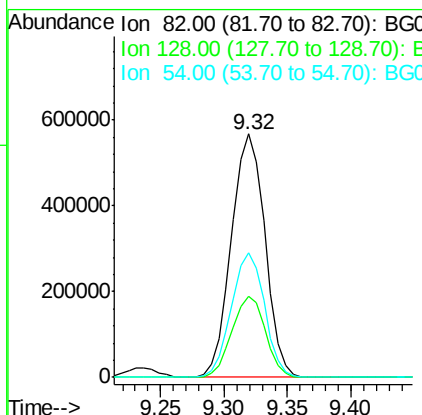
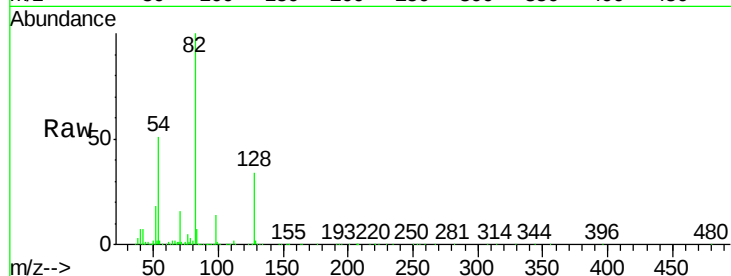




#23
 Nitrobenzene-d5
 Concen: 84.17 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

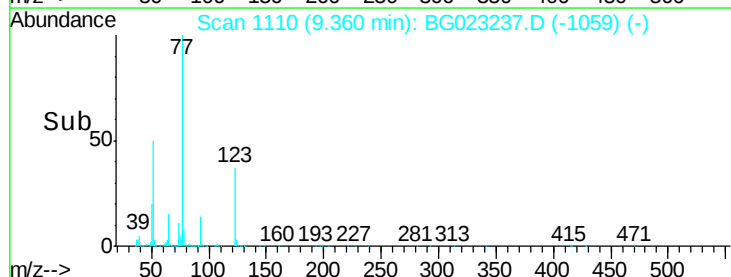
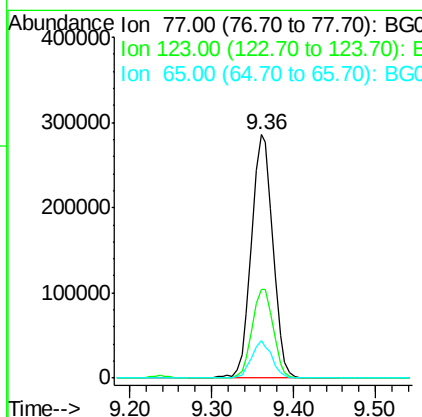
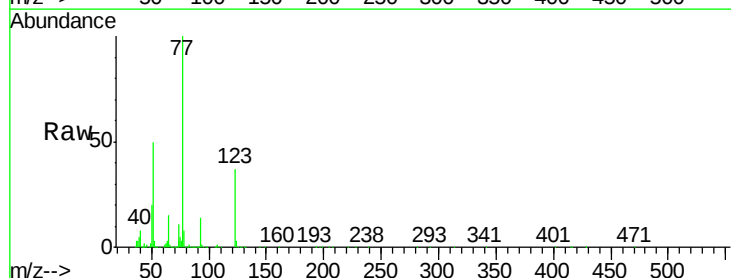
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

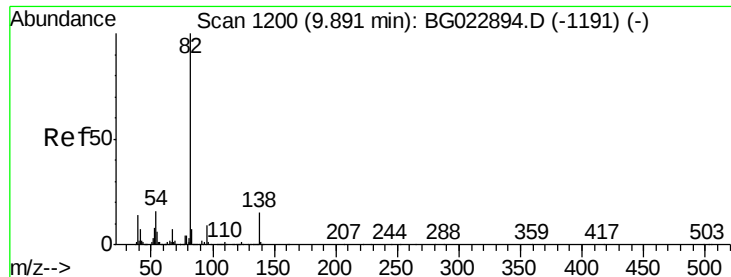
Tgt Ion: 82 Resp: 1042551
 Ion Ratio Lower Upper
 82 100
 128 33.5 24.4 36.6
 54 51.2 41.4 62.0



#24
 Nitrobenzene
 Concen: 39.84 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion: 77 Resp: 524415
 Ion Ratio Lower Upper
 77 100
 123 36.7 25.0 37.6
 65 15.3 13.4 20.0





#25

Isophorone

Concen: 38.23 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

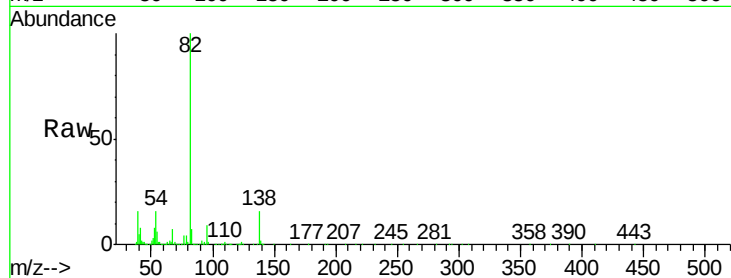
Tgt Ion: 82 Resp: 952510

Ion Ratio Lower Upper

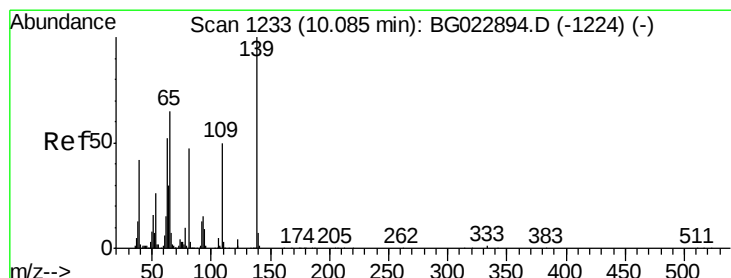
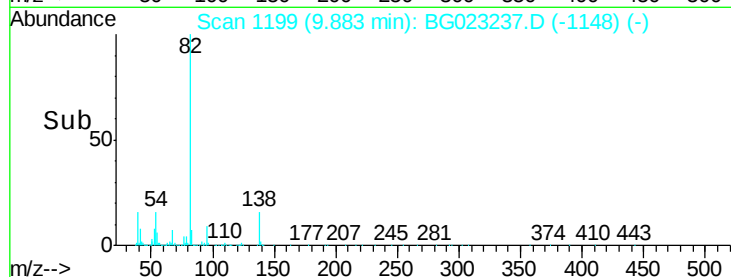
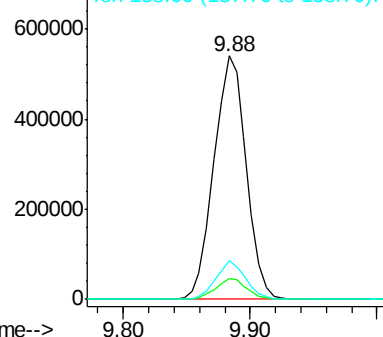
82 100

95 8.7 8.2 12.2

138 15.7 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: 39.36 ng

RT: 10.08 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

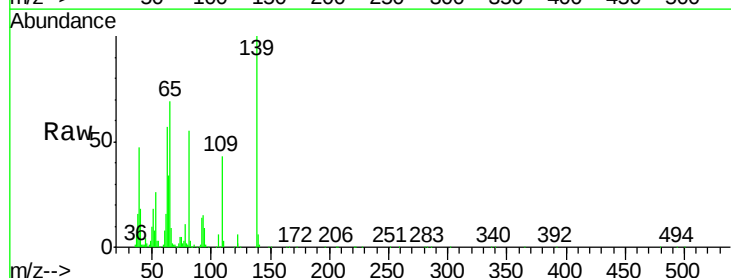
Tgt Ion: 139 Resp: 203263

Ion Ratio Lower Upper

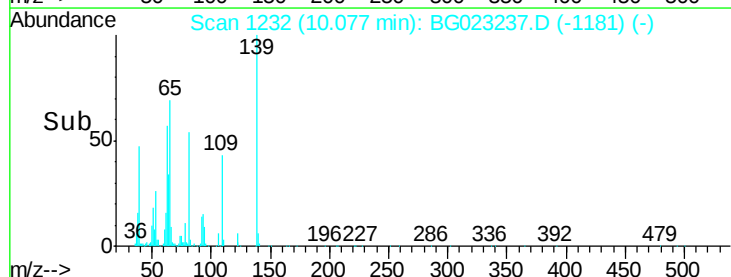
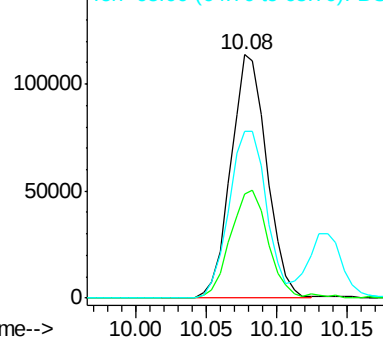
139 100

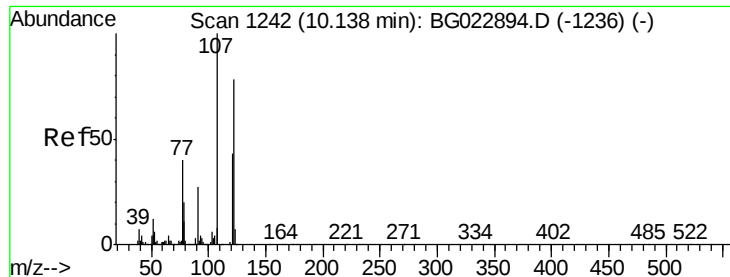
109 42.8 43.5 65.3#

65 68.5 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

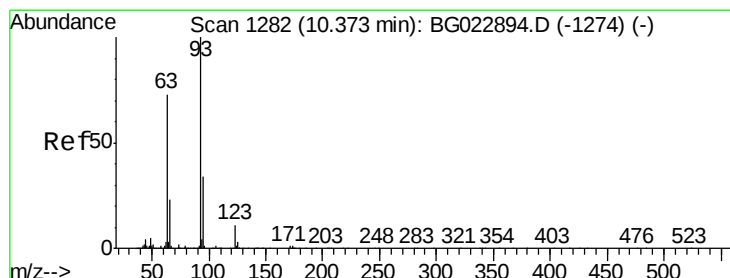
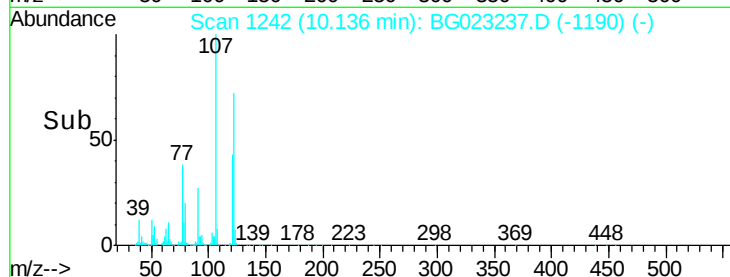
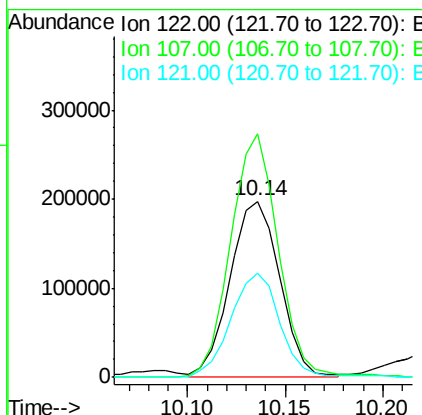
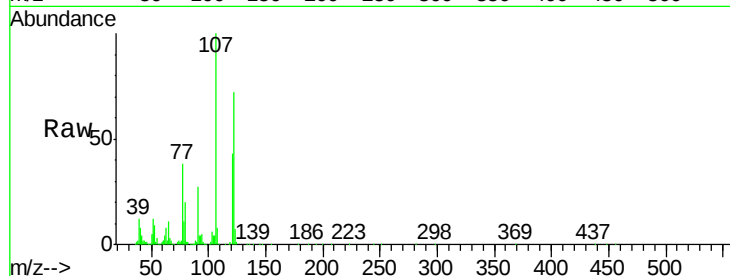




#27
 2,4-Dimethylphenol
 Concen: 38.72 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

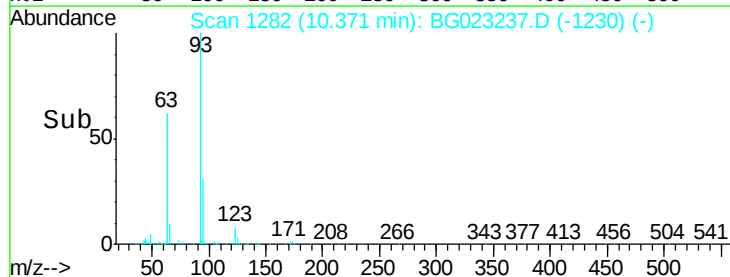
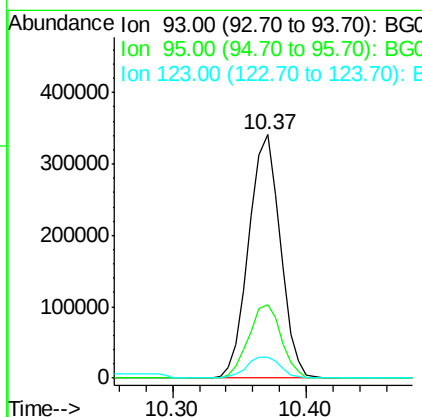
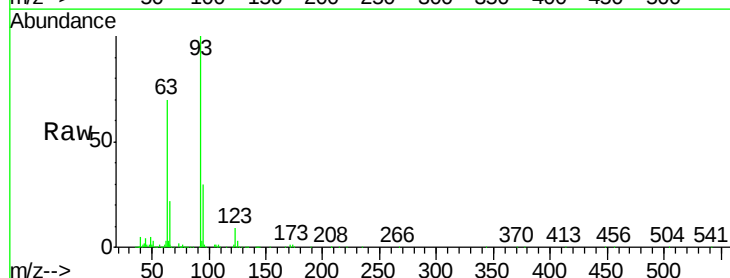
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

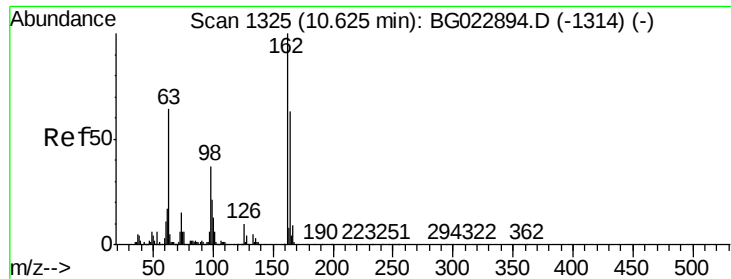
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.4	117.0	175.4
121	58.9	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.4	38.2
123	8.6	8.2	12.2

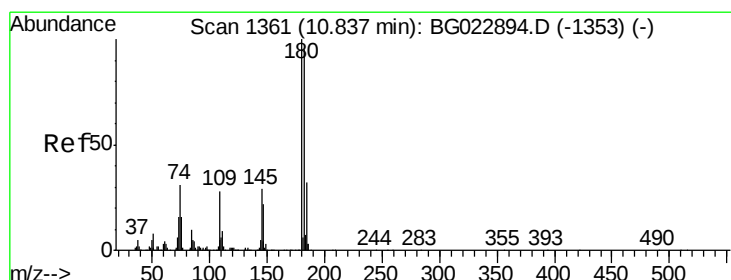
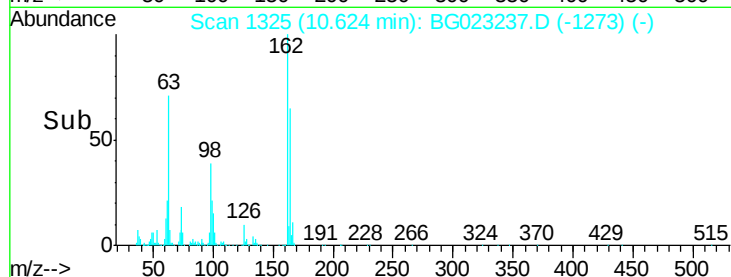
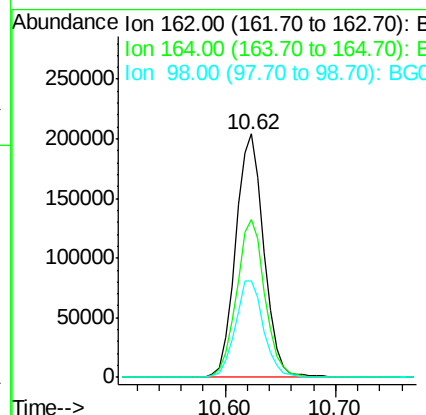
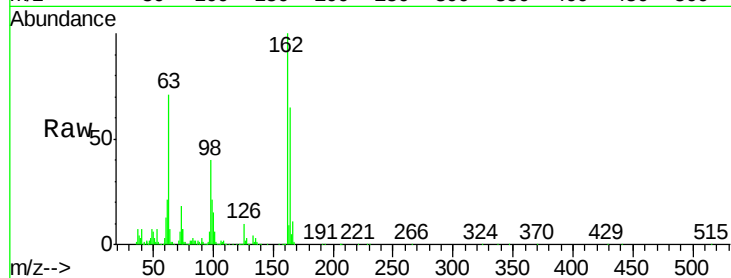




#29
 2,4-Dichlorophenol
 Concen: 38.19 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

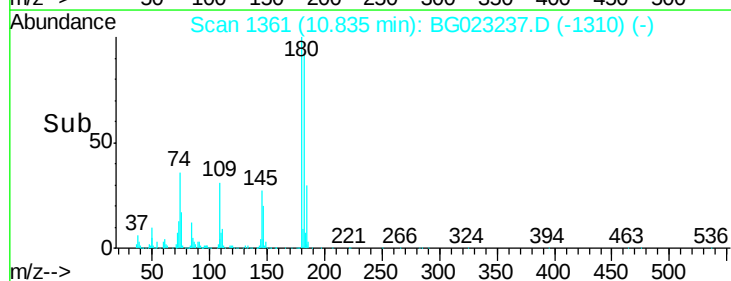
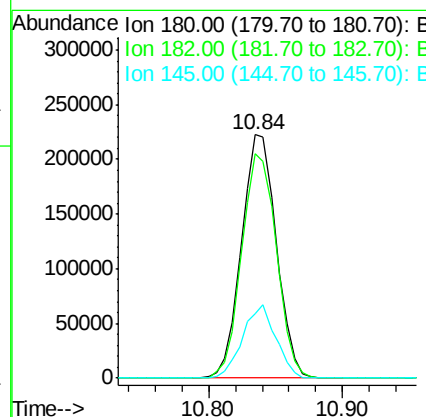
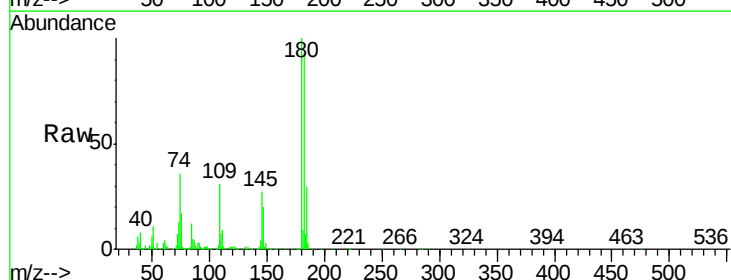
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

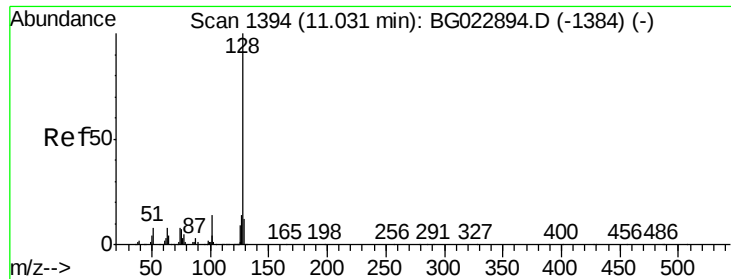
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	39.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.69 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	73.8	110.8
145	26.7	24.4	36.6

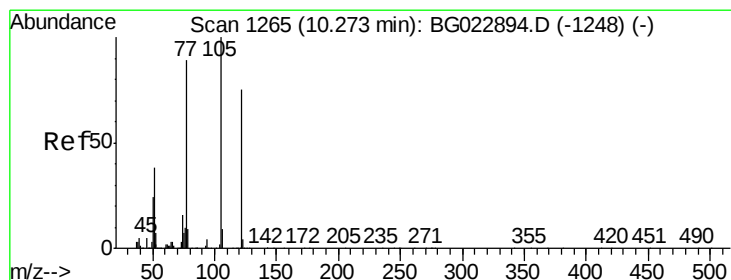
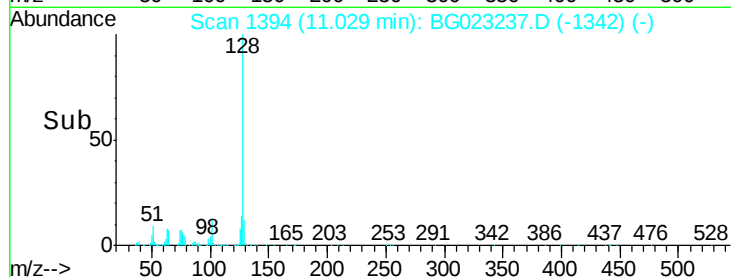
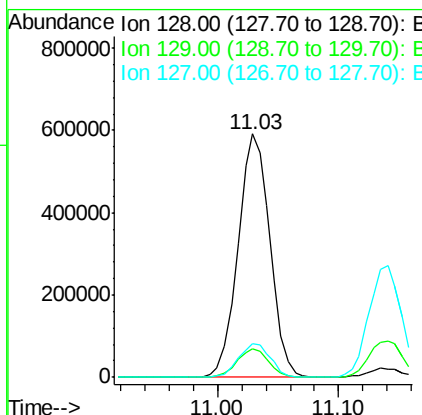
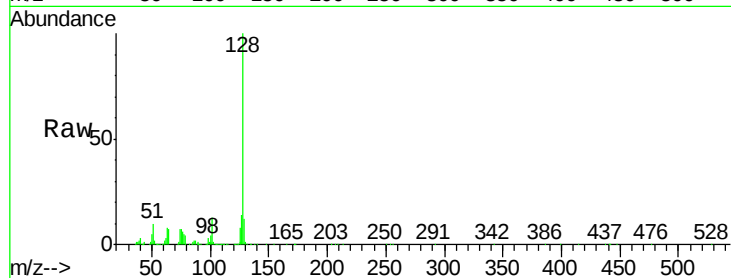




#31
Naphthalene
Concen: 40.09 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

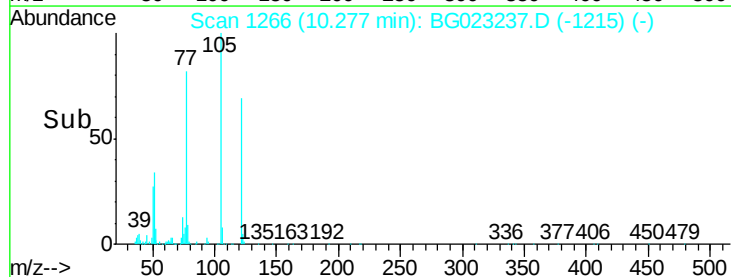
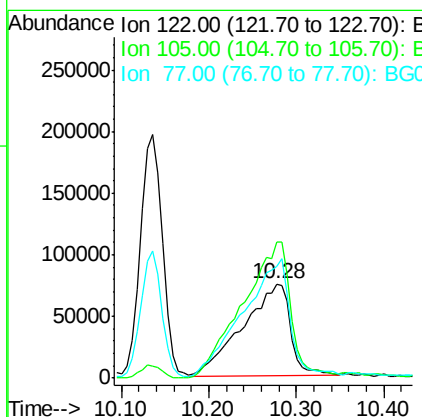
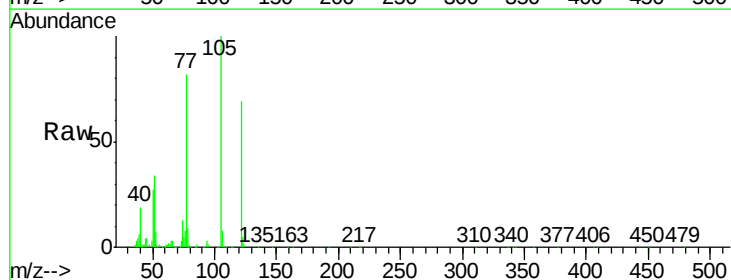
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

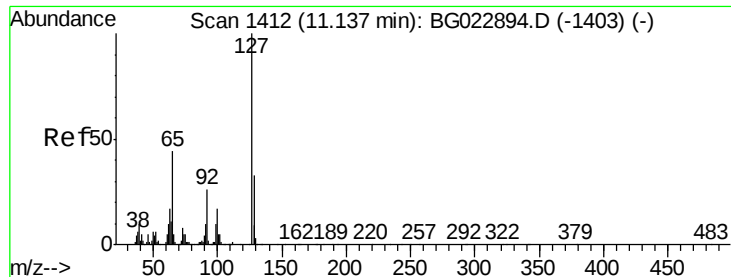
Tgt Ion:128 Resp: 1082292
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 34.67 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:122 Resp: 281605
Ion Ratio Lower Upper
122 100
105 144.9 117.2 157.2
77 118.1 109.2 149.2

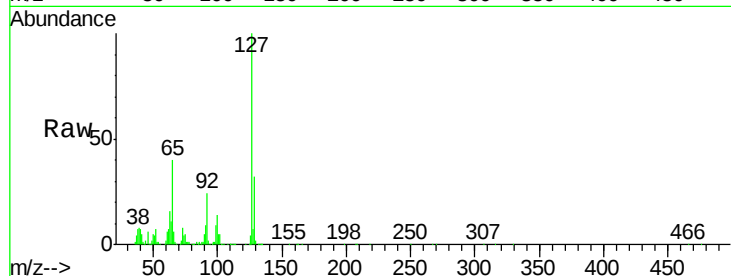




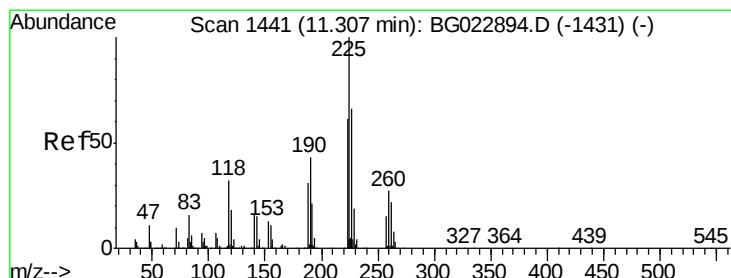
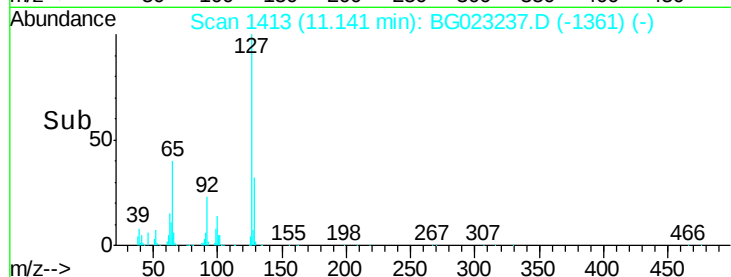
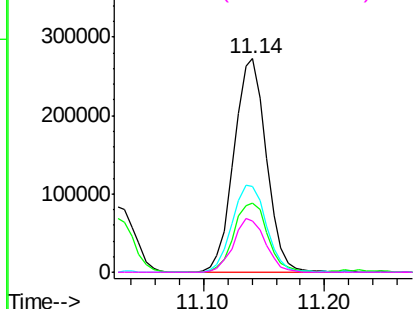
#33
4-Chloroaniline
Concen: 38.66 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	510463
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.9	41.9
65	40.4	36.8	55.2
92	24.1	21.0	31.6

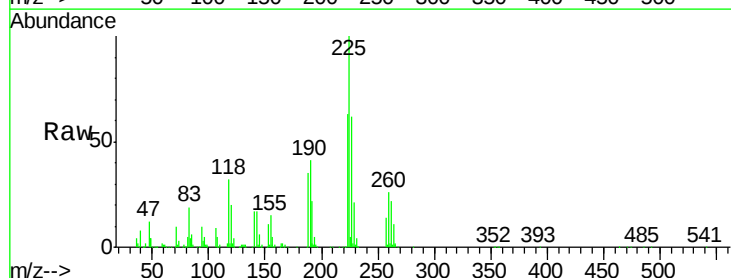


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

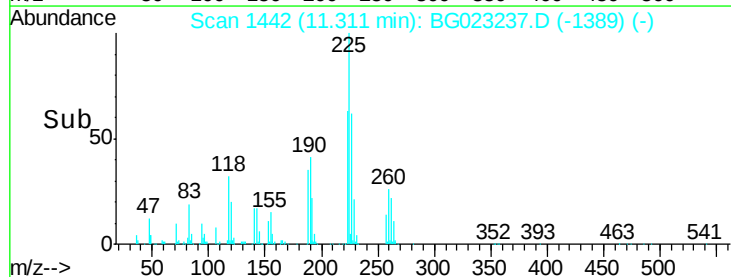
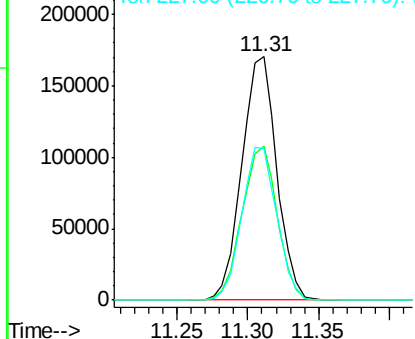


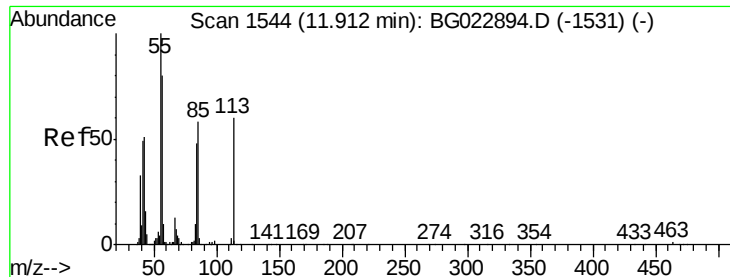
#34
Hexachlorobutadiene
Concen: 33.37 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:	225	Resp:	295156
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.6	74.4
227	62.0	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: 36.69 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

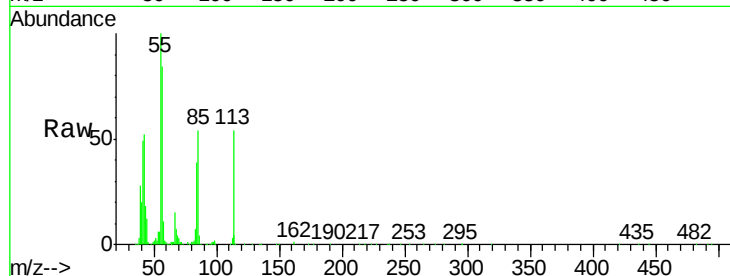
Tgt Ion:113 Resp: 143734

Ion Ratio Lower Upper

113 100

55 185.0 154.5 194.5

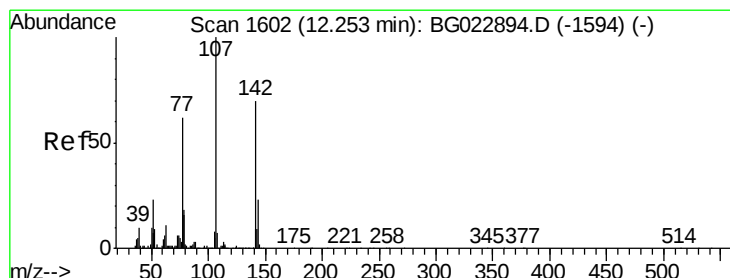
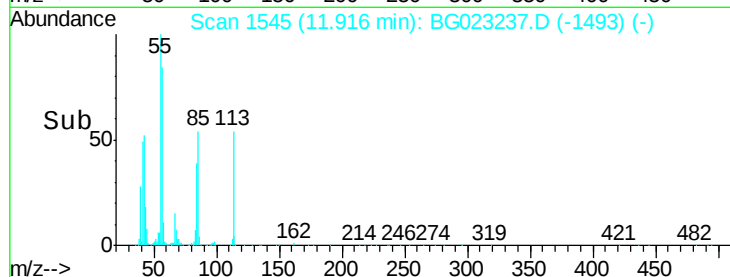
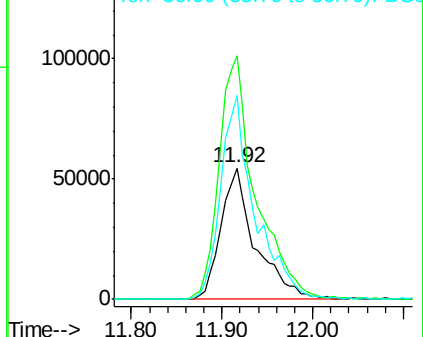
56 155.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.16 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

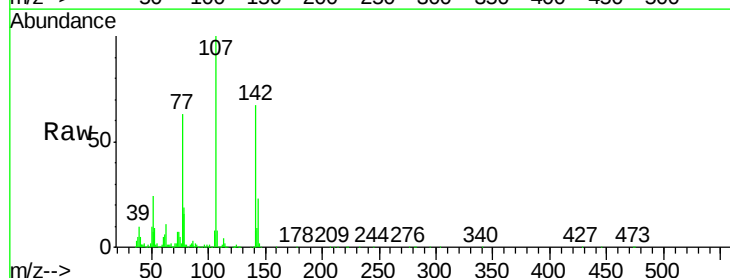
Tgt Ion:107 Resp: 483894

Ion Ratio Lower Upper

107 100

144 23.0 17.0 25.6

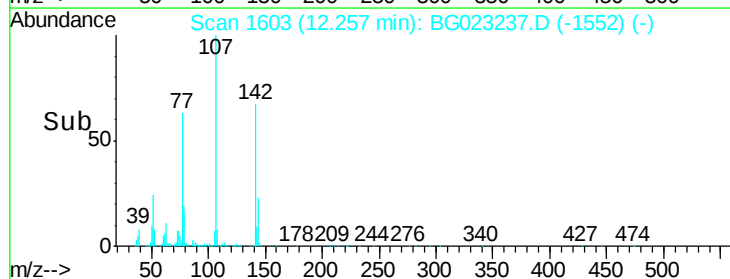
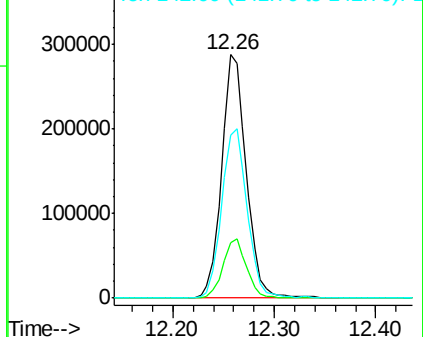
142 67.2 53.0 79.6

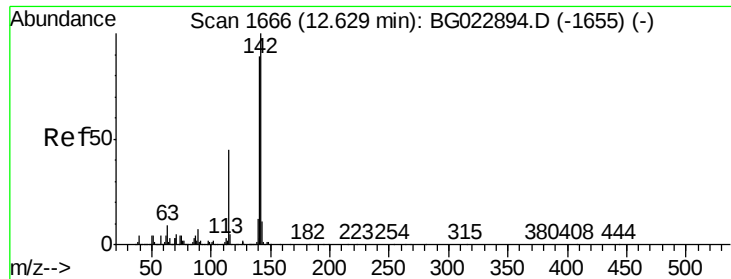


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

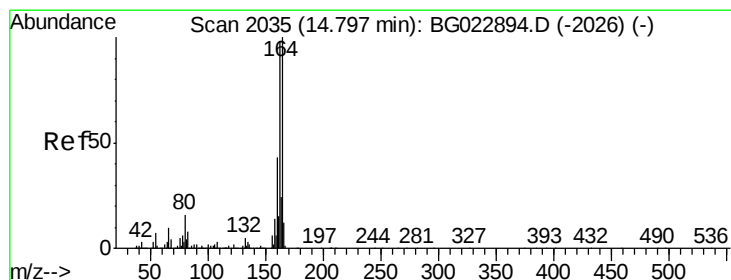
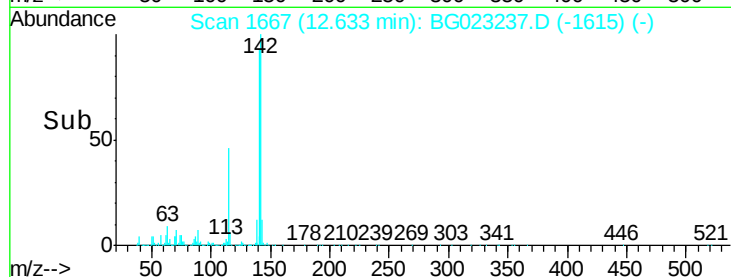
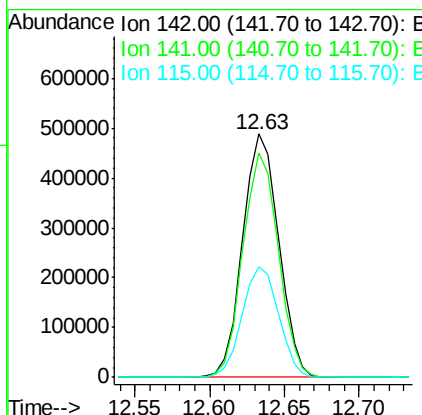
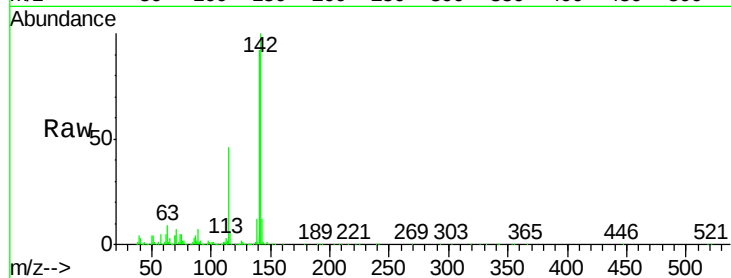




#37
2-Methylnaphthalene
Concen: 38.35 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

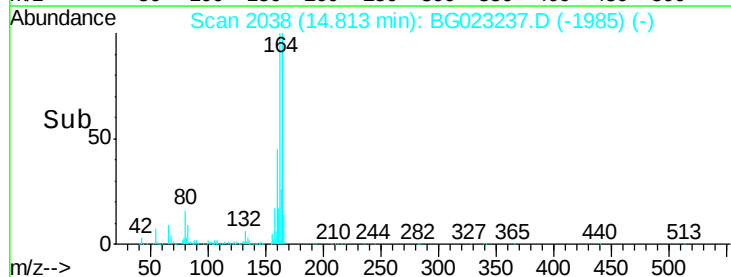
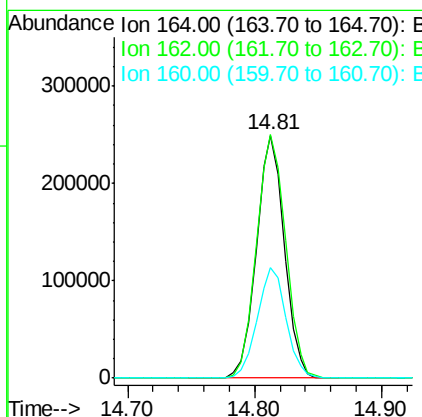
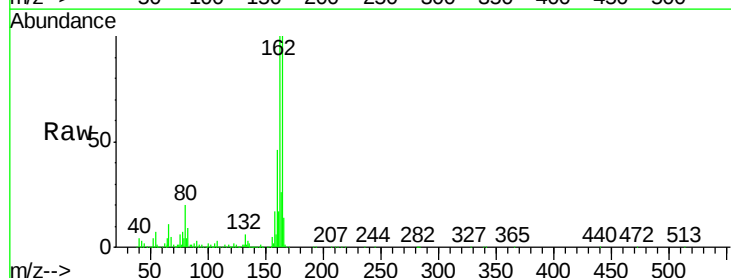
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

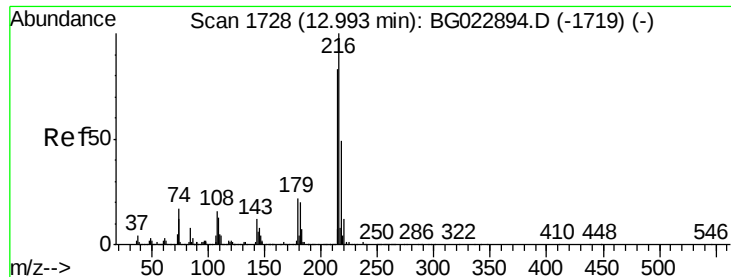
Tgt Ion:142 Resp: 818301
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.2
115 45.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:164 Resp: 381717
Ion Ratio Lower Upper
164 100
162 100.2 87.7 131.5
160 45.6 37.2 55.8

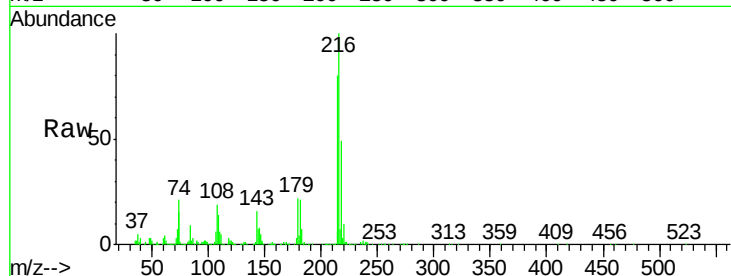




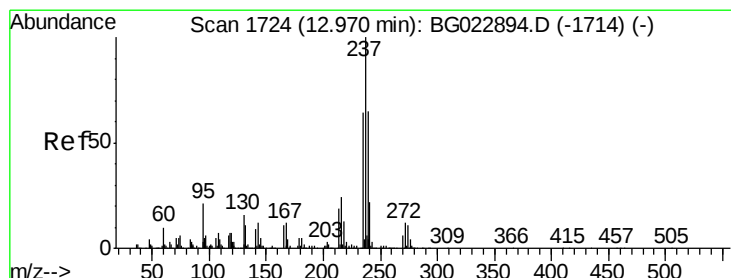
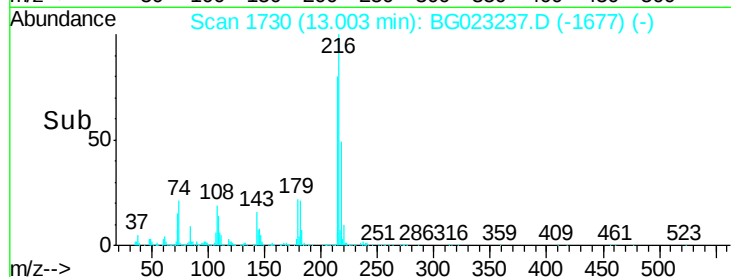
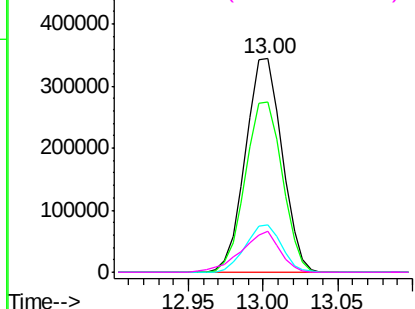
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.54 ng
 RT: 13.00 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	584543
Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.9	94.3
179	22.0	17.2	25.8
108	20.3	16.3	24.5

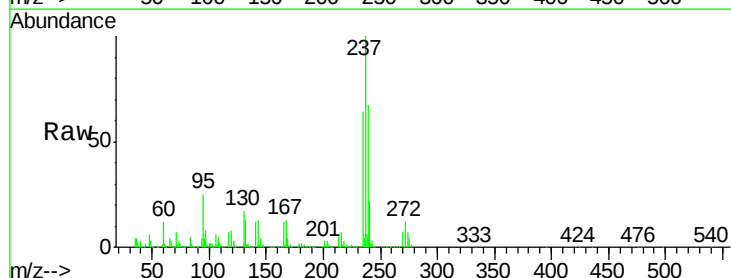


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

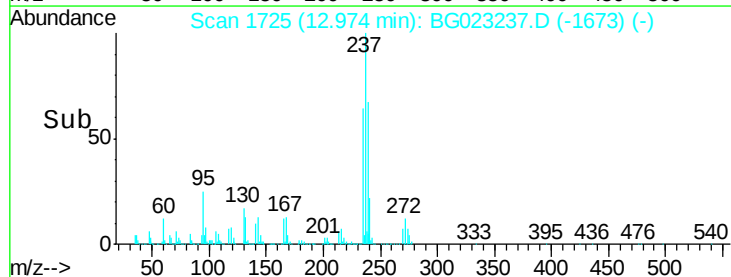
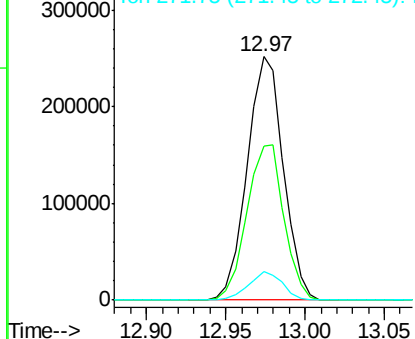


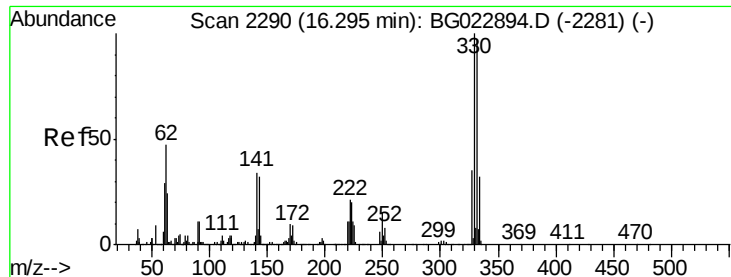
#40
 Hexachlorocyclopentadiene
 Concen: 42.10 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:	237	Resp:	398630
Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.1	83.1
272	12.0	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

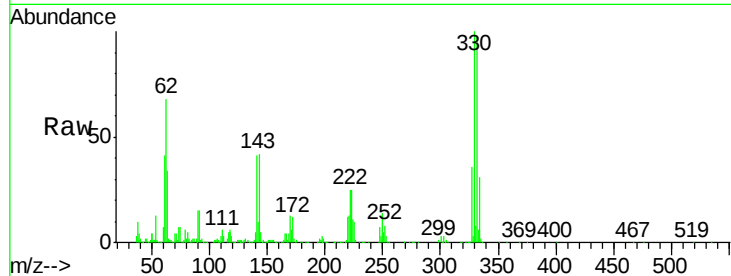




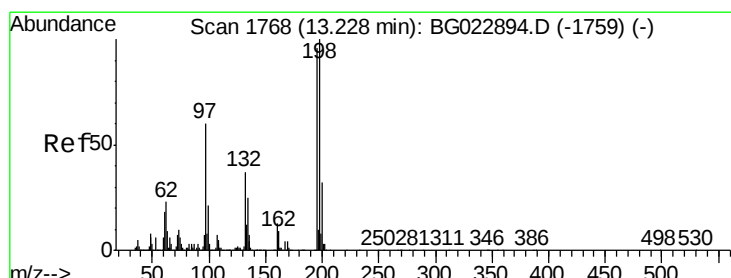
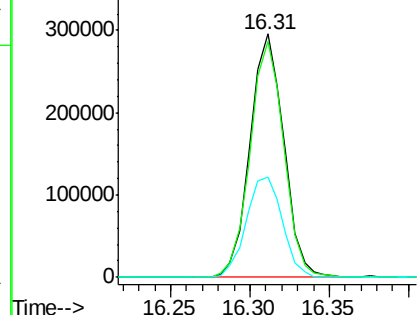
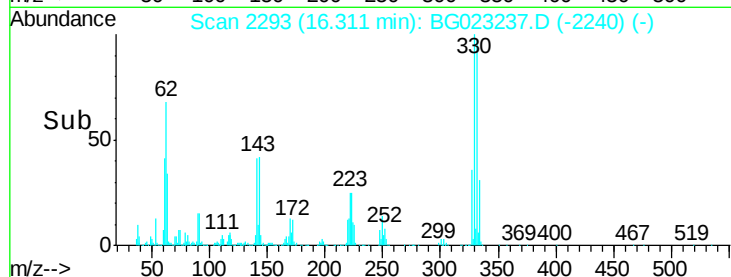
#41
 2,4,6-Tribromophenol
 Concen: 63.76 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 437393
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 44.3 31.7 47.5

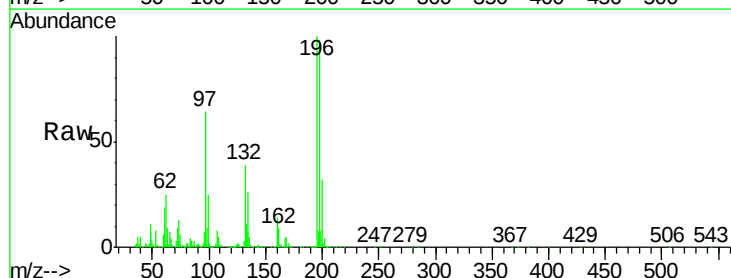


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

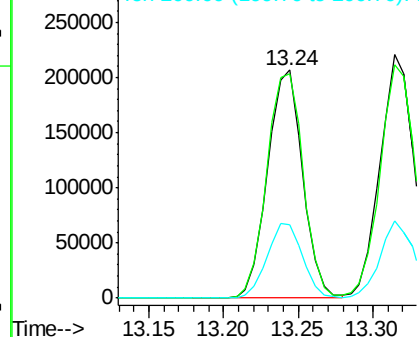
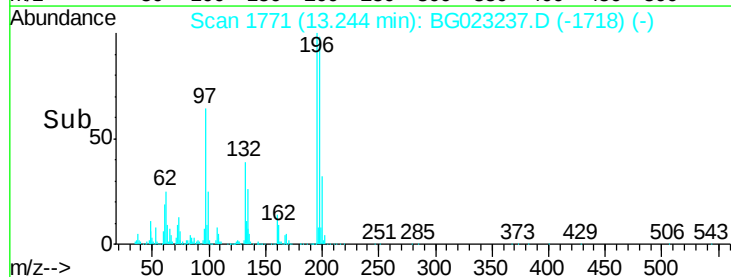


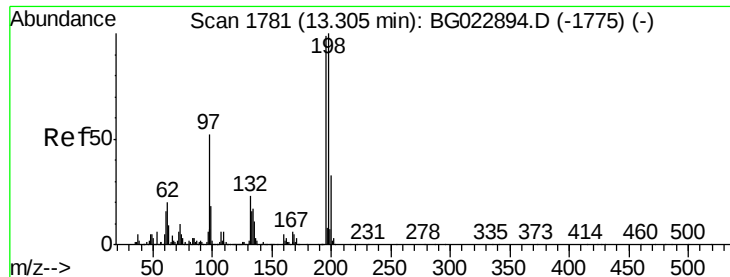
#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:196 Resp: 336985
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.2 117.2
 200 32.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

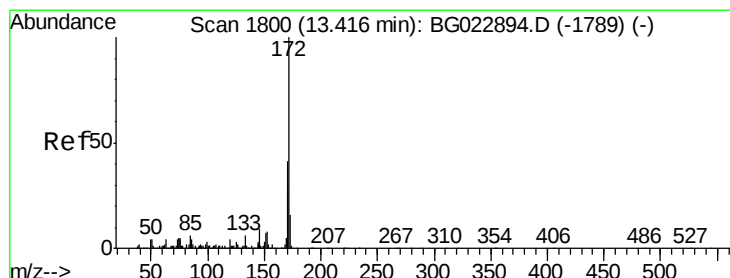
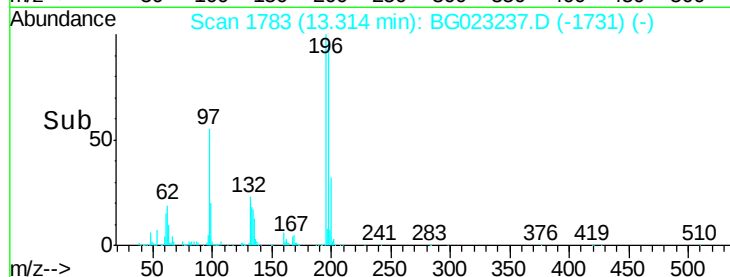
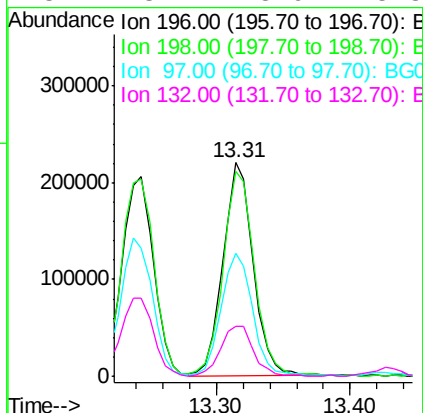
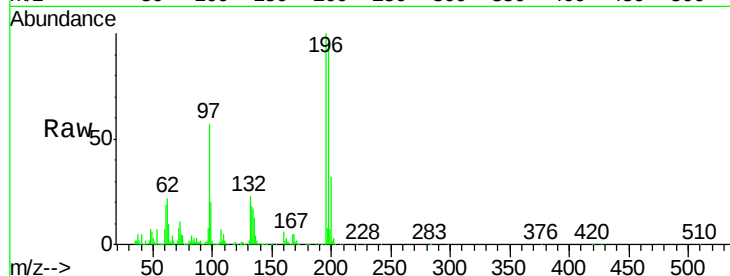




#43
 2,4,5-Trichlorophenol
 Concen: 36.02 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

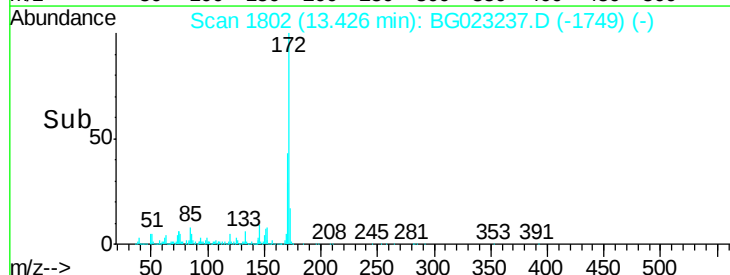
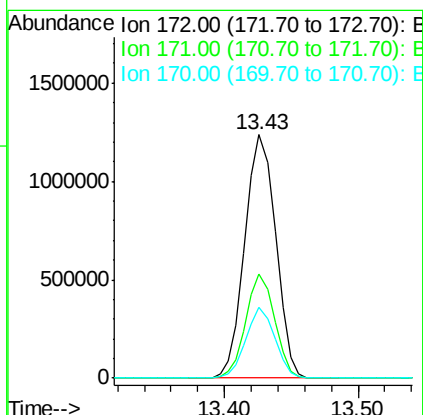
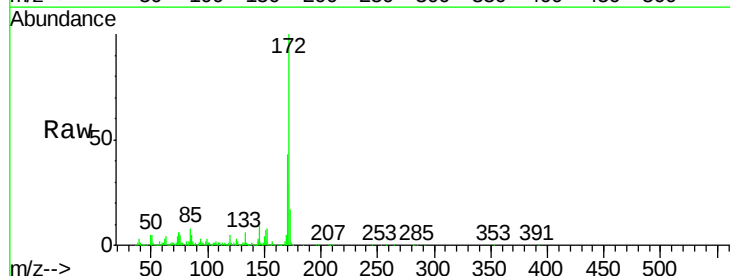
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

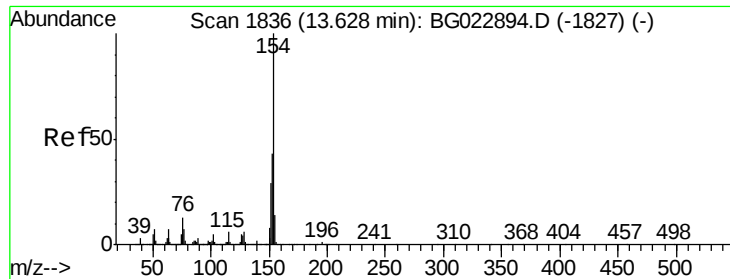
Tgt Ion	Resp	Lower	Upper
196	100		
198	96.0	85.7	128.5
97	57.4	45.5	68.3
132	23.2	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion	Resp	Lower	Upper
172	100		
171	42.9	31.6	47.4
170	28.9	21.3	31.9

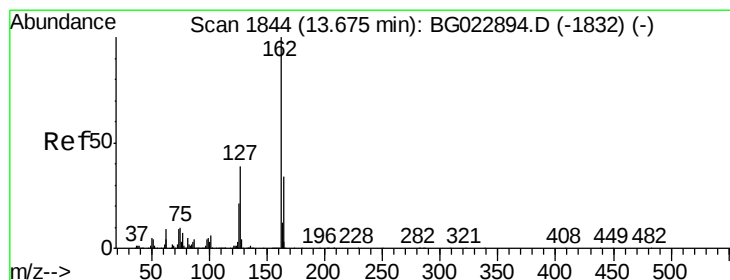
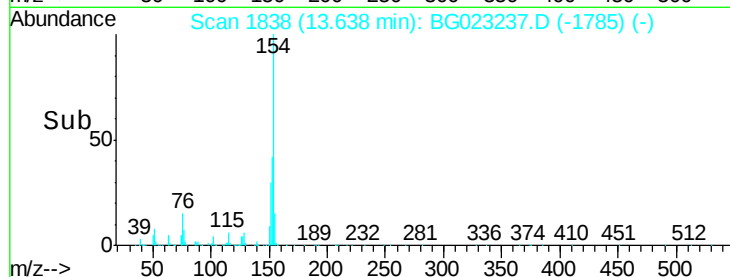
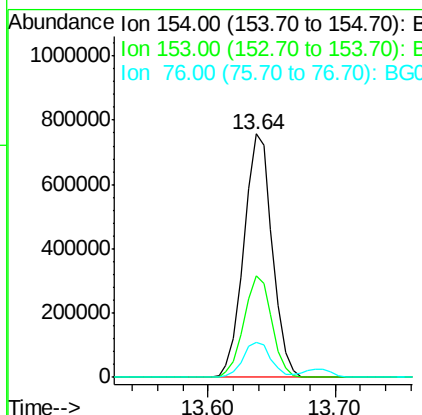
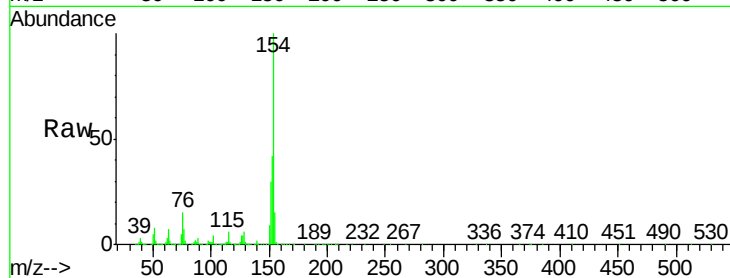




#45
 1,1'-Biphenyl
 Concen: 41.00 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

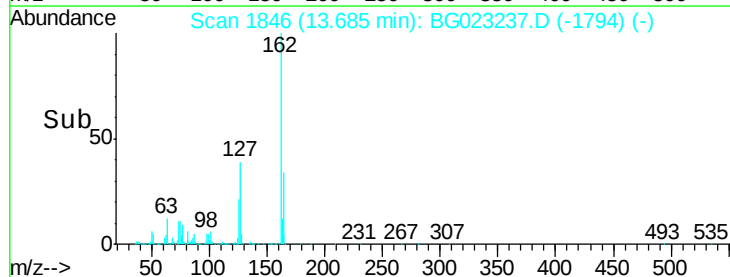
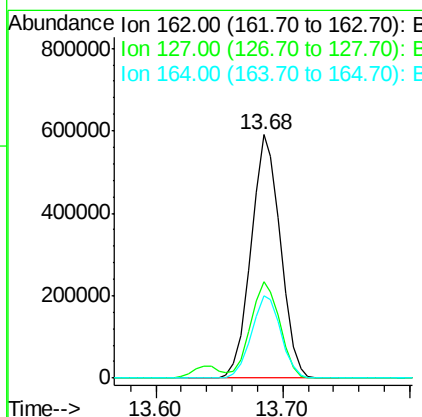
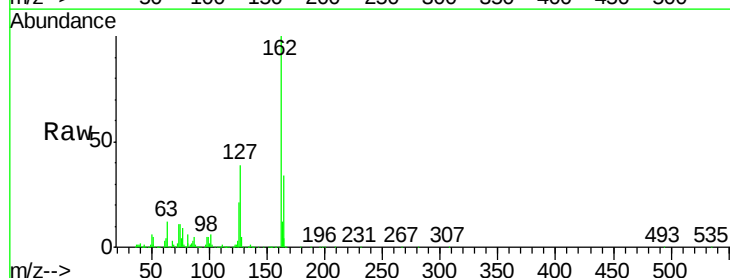
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

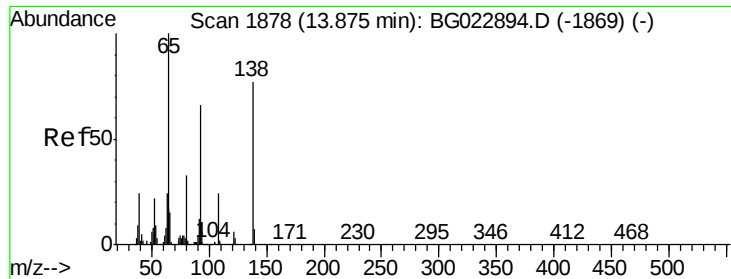
Tgt Ion:154 Resp: 1174275
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.2 60.2
 76 14.5 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 40.78 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:162 Resp: 947511
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.4 48.6
 164 34.0 25.2 37.8





#47

2-Nitroaniline

Concen: 43.30 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

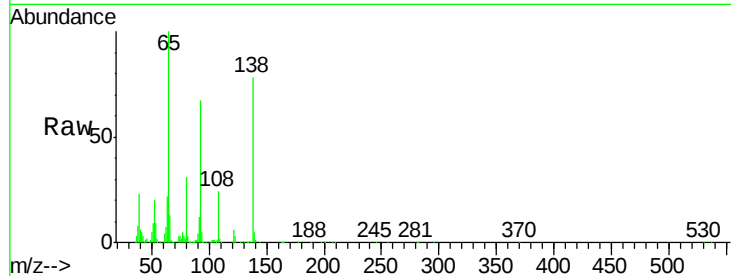
Tgt Ion: 65 Resp: 429200

Ion Ratio Lower Upper

65 100

92 67.0 49.4 74.0

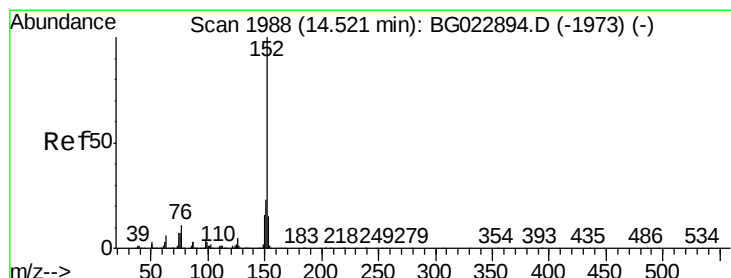
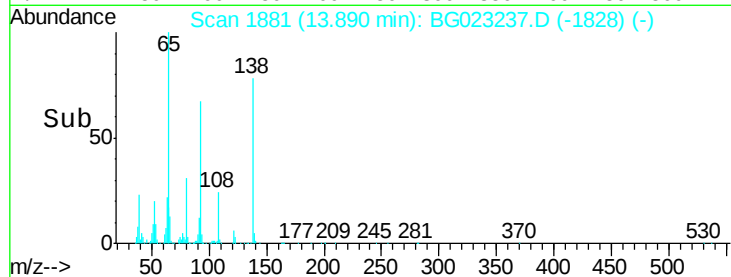
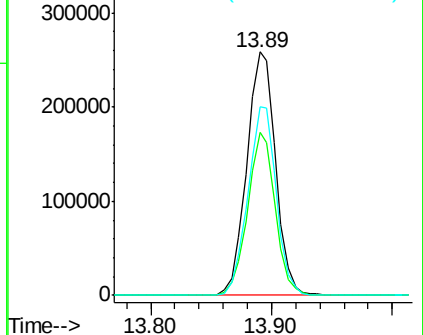
138 77.5 58.0 87.0



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: 41.54 ng

RT: 14.54 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

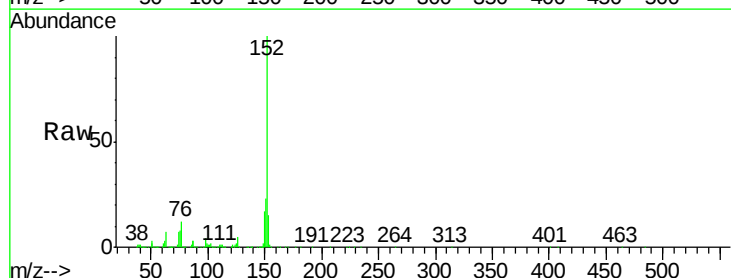
Tgt Ion: 152 Resp: 1447845

Ion Ratio Lower Upper

152 100

151 23.2 17.6 26.4

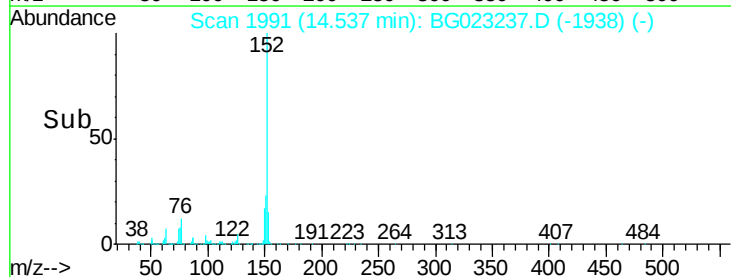
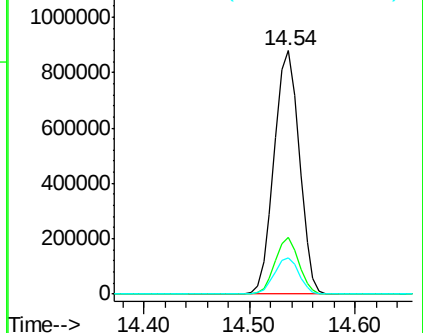
153 14.7 11.4 17.2

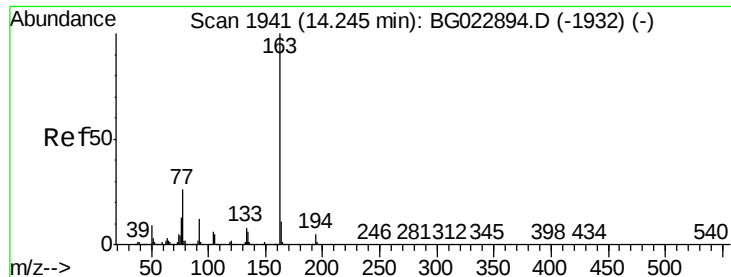


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 38.72 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

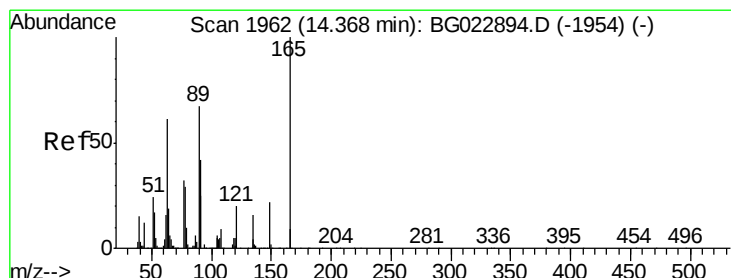
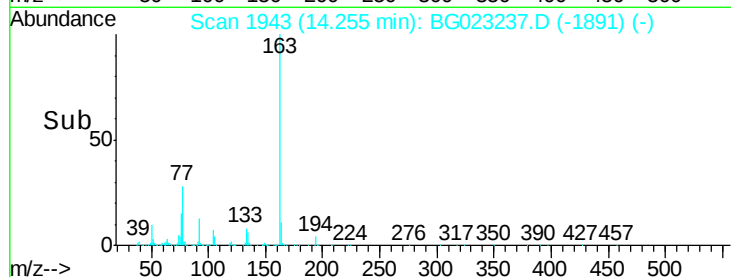
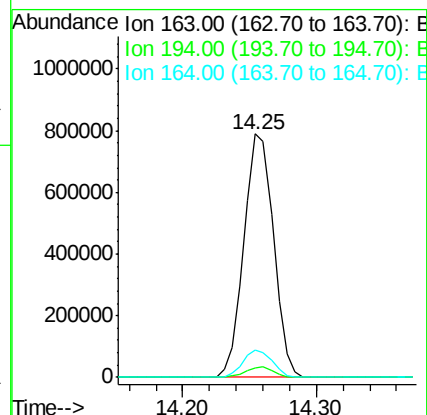
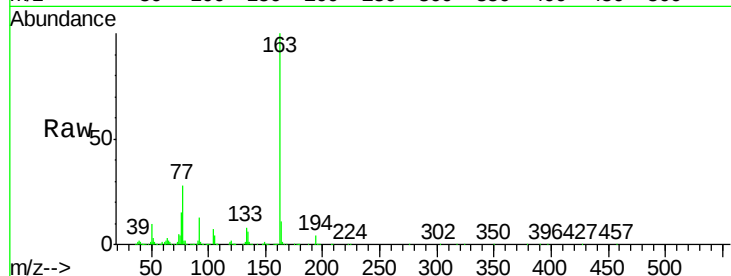
Tgt Ion:163 Resp: 1207239

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

164 11.1 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 39.26 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

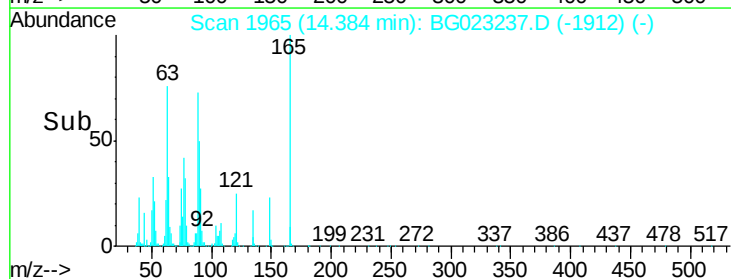
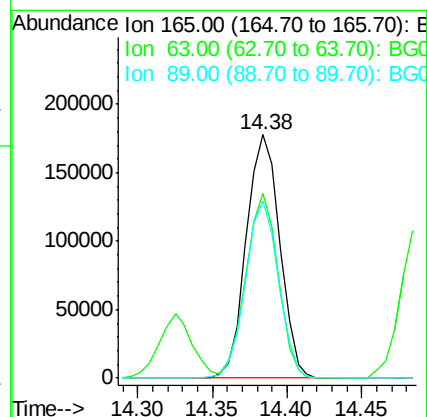
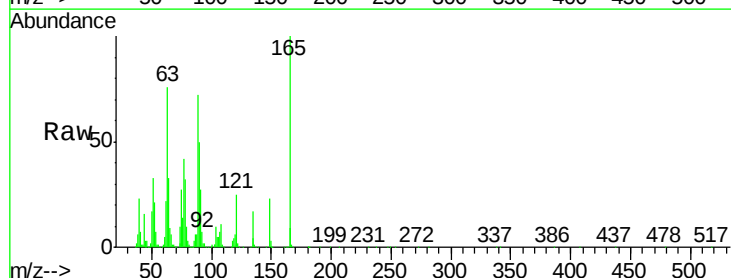
Tgt Ion:165 Resp: 275133

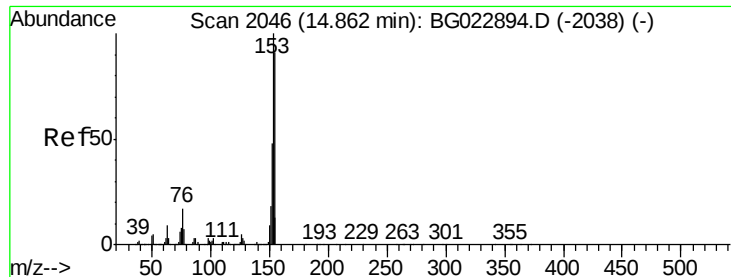
Ion Ratio Lower Upper

165 100

63 75.7 64.3 96.5

89 72.5 64.3 96.5





#51

Acenaphthene

Concen: 40.55 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

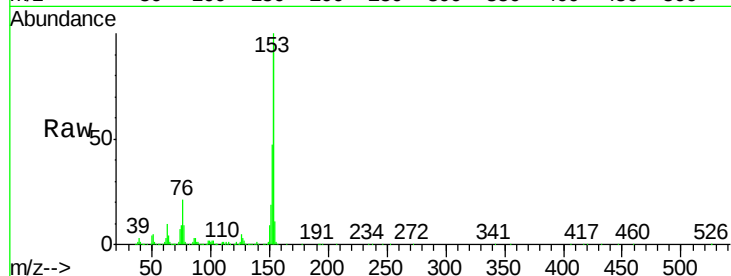
Tgt Ion:154 Resp: 923467

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

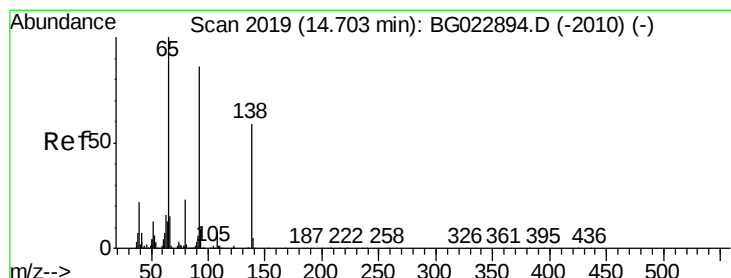
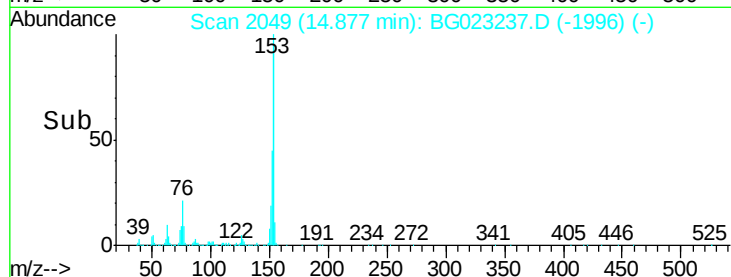
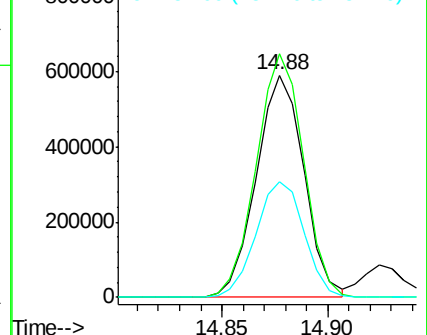
152 51.8 42.7 64.1



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: 41.94 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

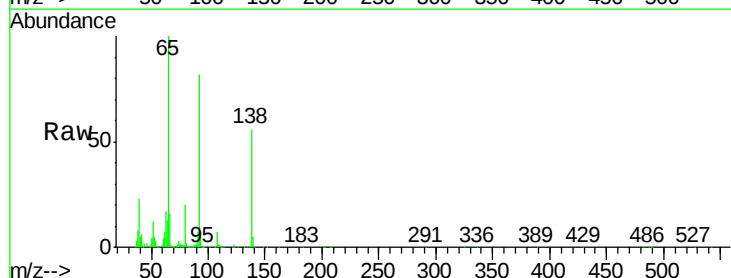
Tgt Ion:138 Resp: 293058

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

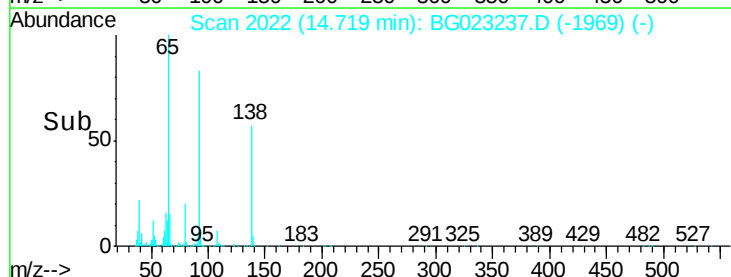
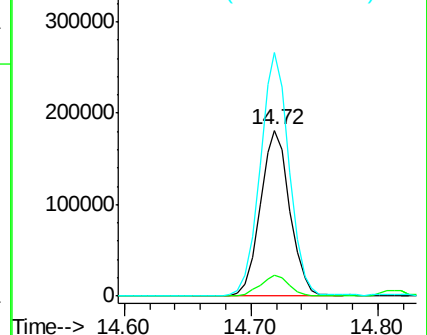
92 146.5 129.7 194.5

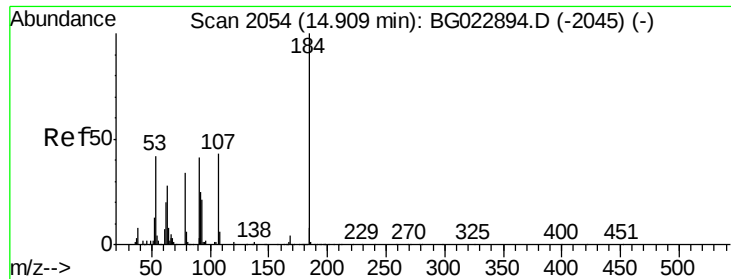


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 36.19 ng

RT: 14.92 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

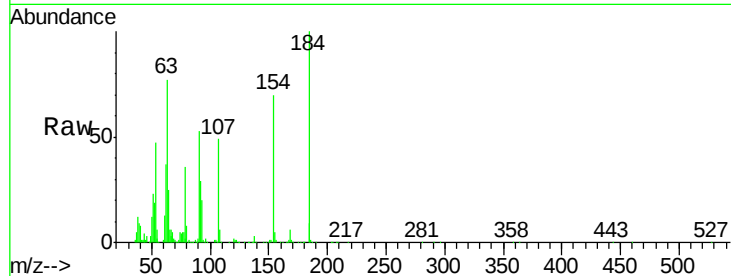
Tgt Ion:184 Resp: 174008

Ion Ratio Lower Upper

184 100

63 76.7 59.6 89.4

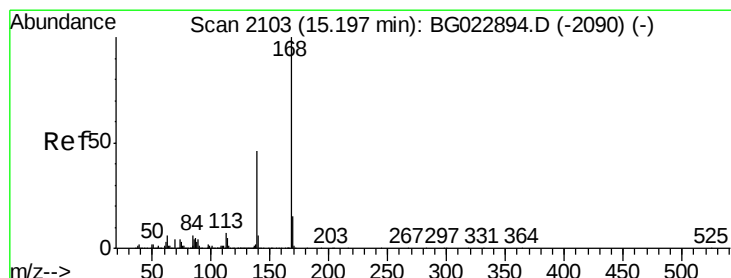
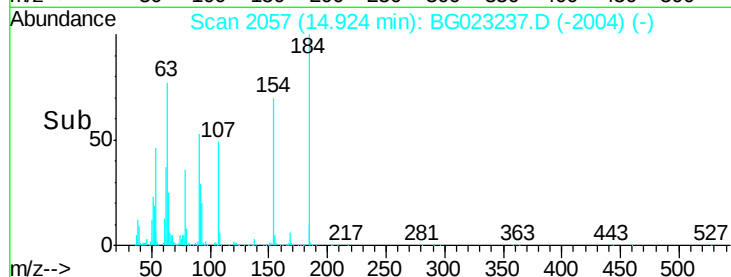
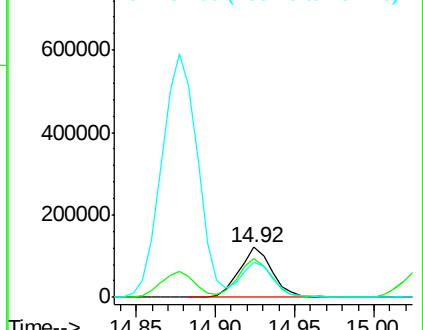
154 70.5 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.77 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

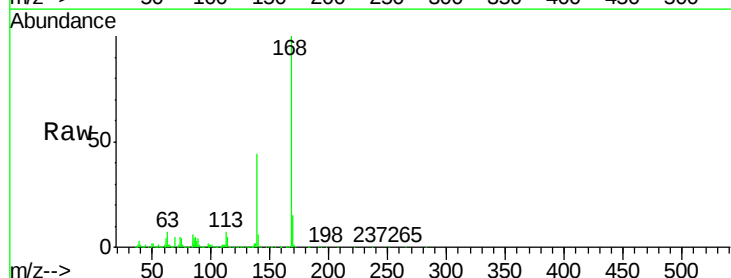
Tgt Ion:168 Resp: 1355801

Ion Ratio Lower Upper

168 100

139 44.3 36.4 54.6

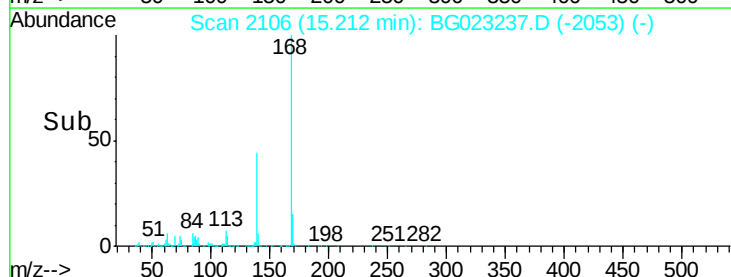
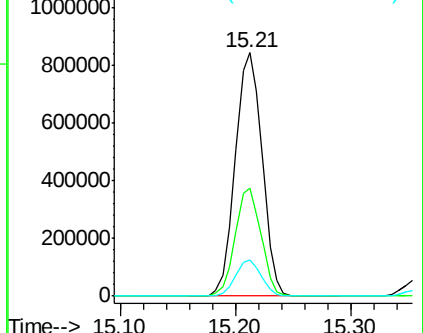
169 14.8 11.9 17.9

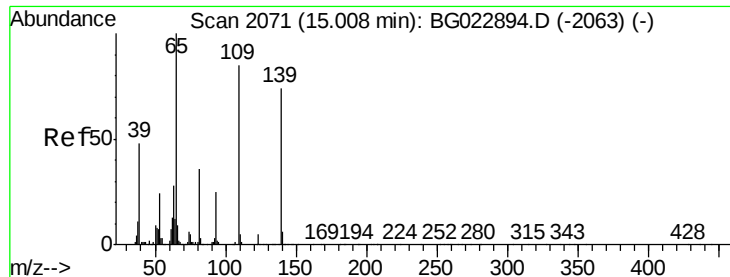


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

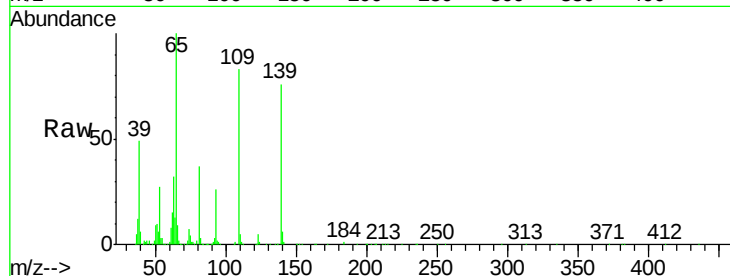




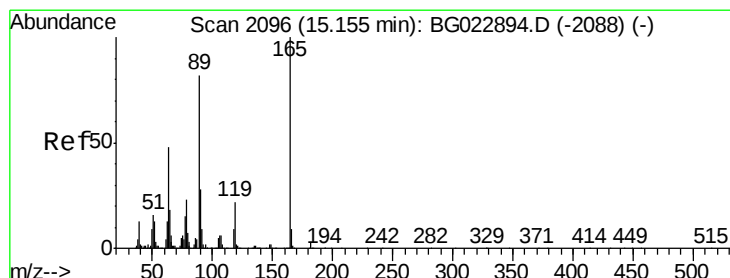
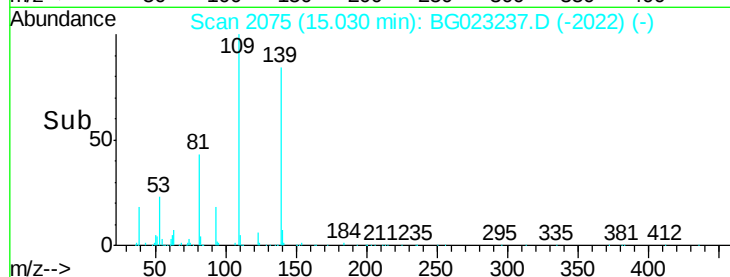
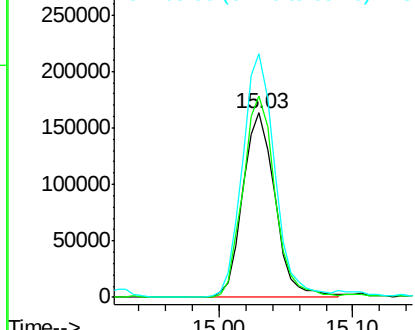
#55
4-Nitrophenol
Concen: 46.68 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 273411
Ion Ratio Lower Upper
139 100
109 109.0 103.0 143.0
65 132.1 112.7 152.7

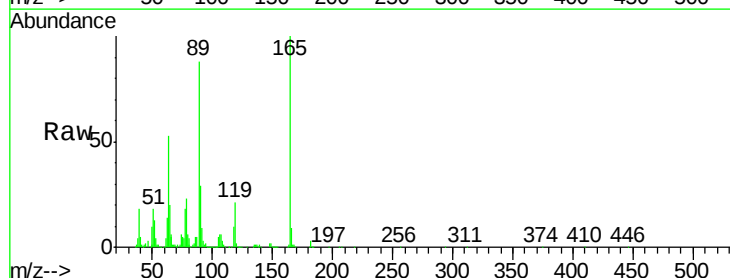


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

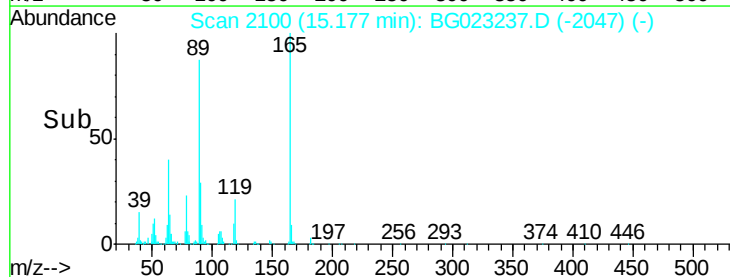
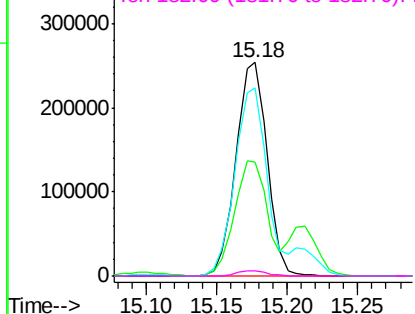


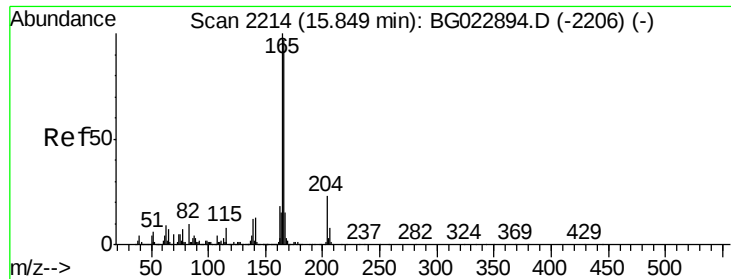
#56
2,4-Dinitrotoluene
Concen: 38.21 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:165 Resp: 390360
Ion Ratio Lower Upper
165 100
63 53.3 45.8 68.6
89 88.2 68.6 102.8
182 2.6 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.49 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

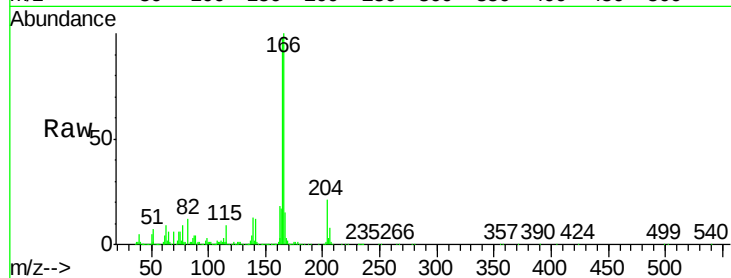
Tgt Ion:166 Resp: 1158698

Ion Ratio Lower Upper

166 100

165 97.5 81.0 121.6

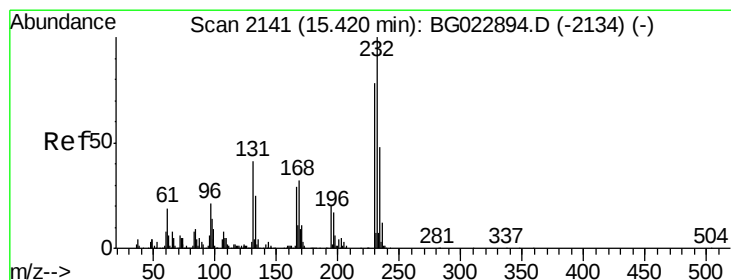
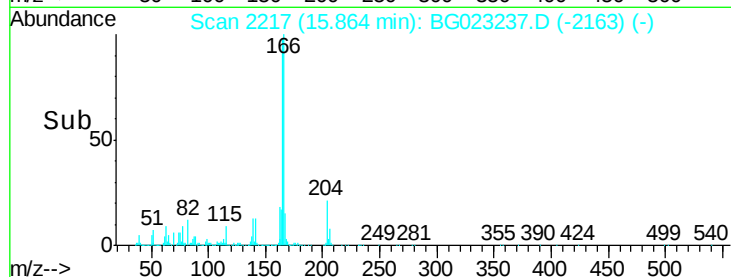
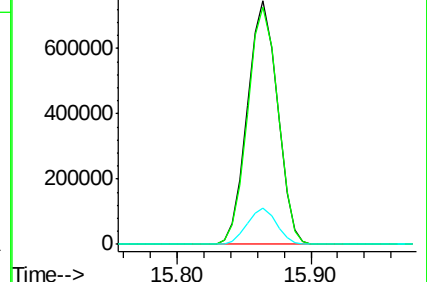
167 14.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.39 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Tgt Ion:232 Resp: 324333

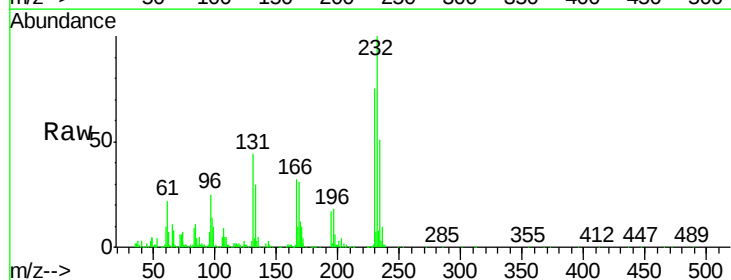
Ion Ratio Lower Upper

232 100

131 44.9 32.7 49.1

130 3.1 2.6 3.8

166 31.4 23.0 34.6

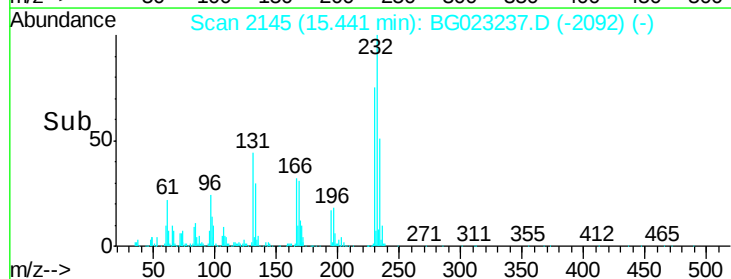
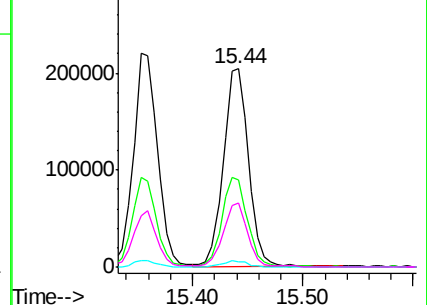


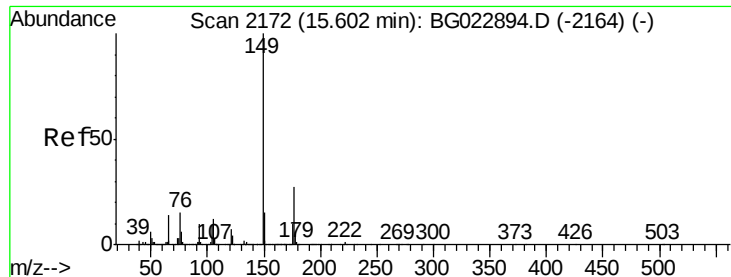
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

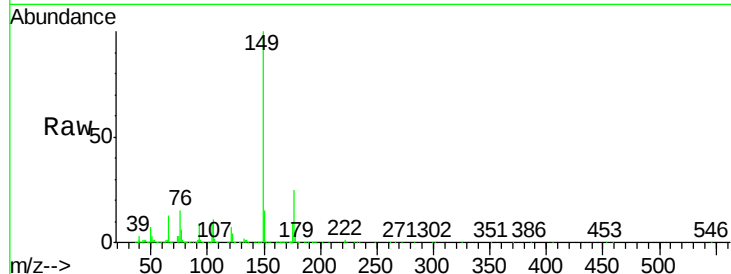




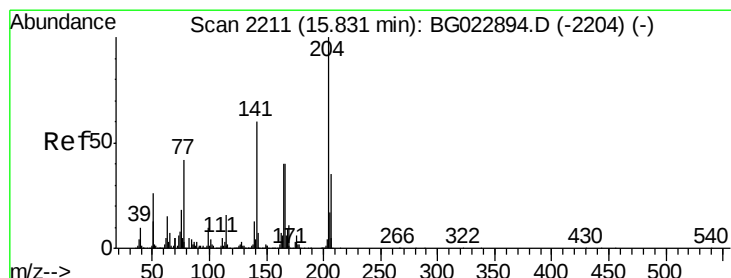
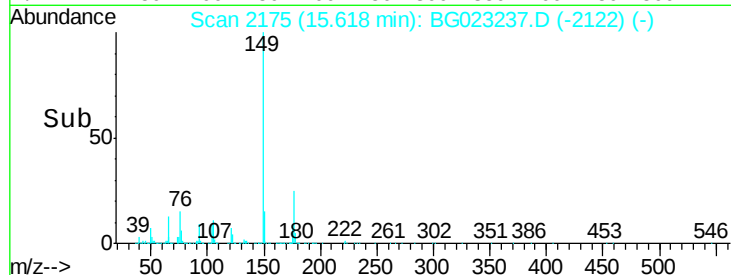
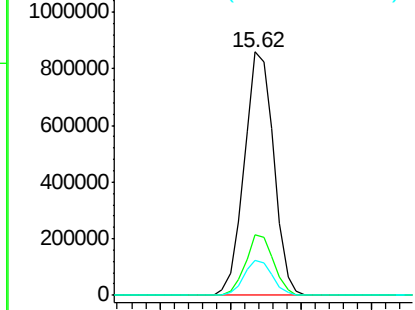
#59
Diethylphthalate
Concen: 39.44 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1251155
Ion Ratio Lower Upper
149 100
177 24.7 19.2 28.8
150 14.5 10.6 16.0

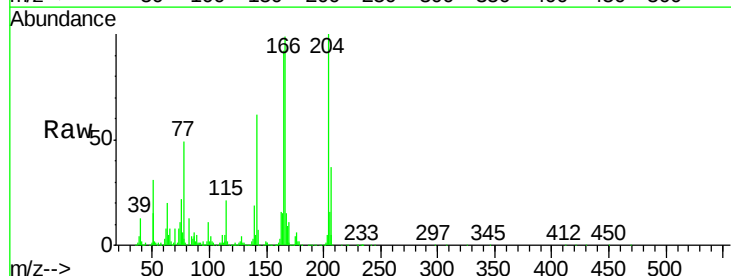


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

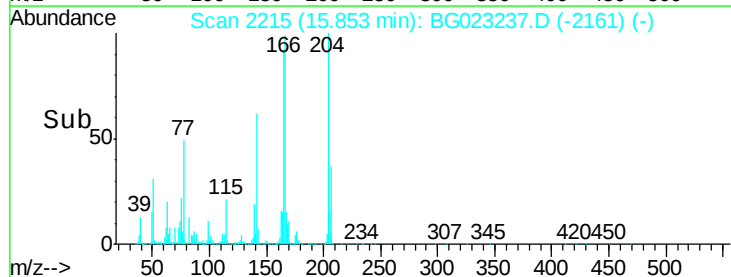
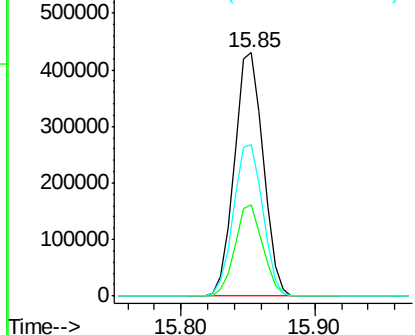


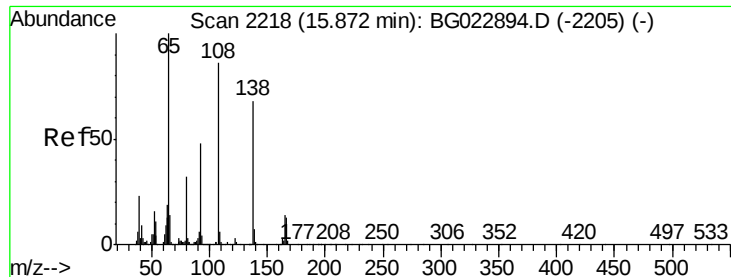
#60
4-Chlorophenyl-phenylether
Concen: 36.02 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:204 Resp: 643634
Ion Ratio Lower Upper
204 100
206 37.3 28.5 42.7
141 62.4 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

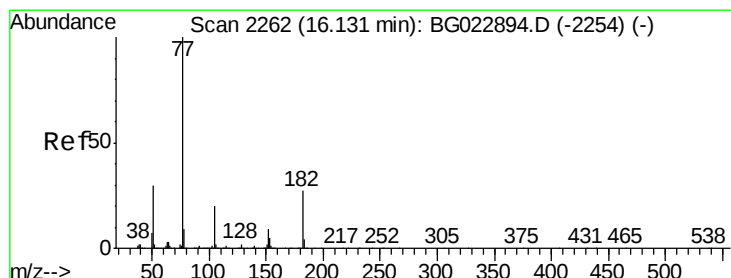
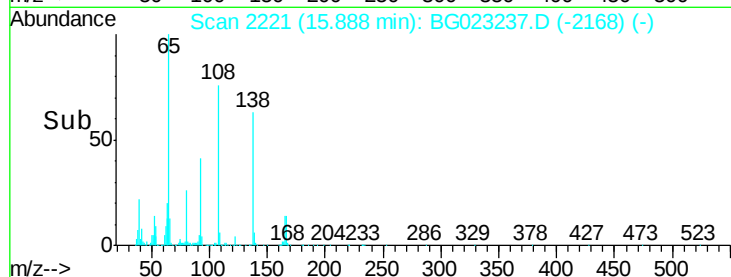
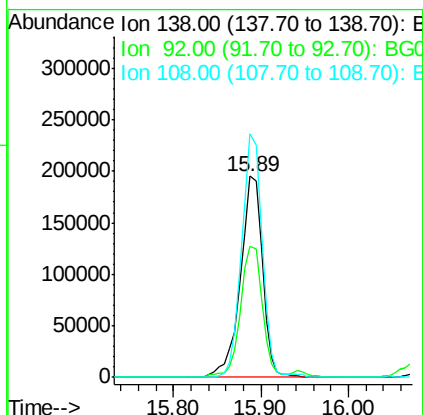
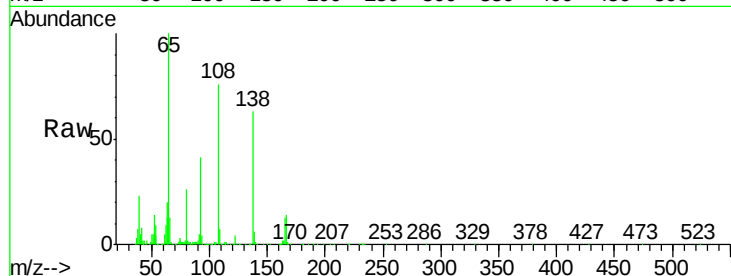




#61
4-Nitroaniline
Concen: 43.80 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

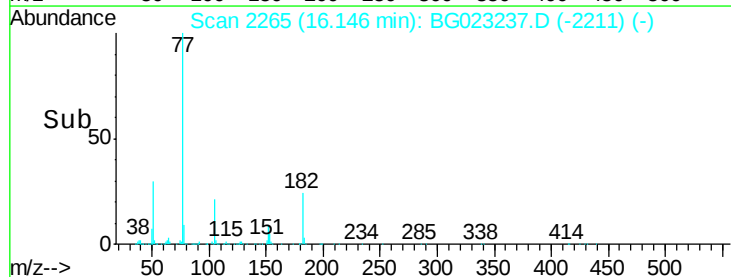
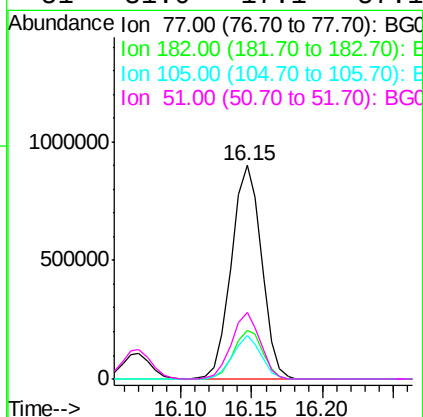
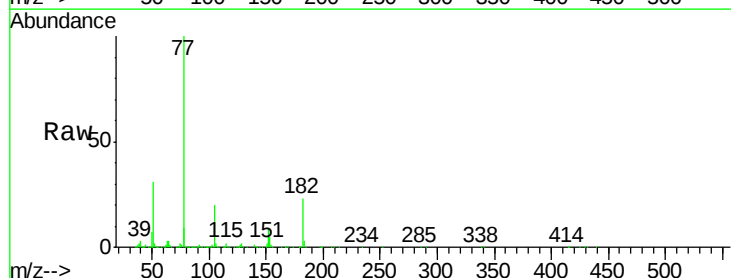
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

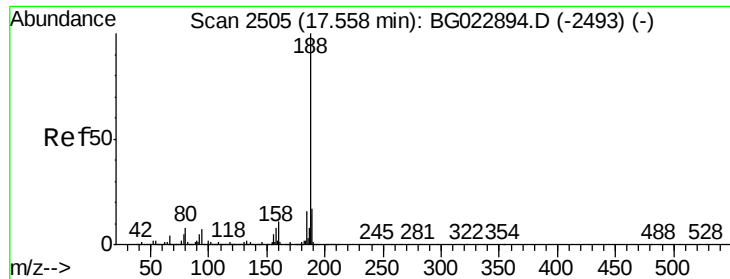
Tgt Ion: 138 Resp: 331185
Ion Ratio Lower Upper
138 100
92 65.3 54.1 94.1
108 120.9 133.9 173.9#



#62
Azobenzene
Concen: 44.06 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion: 77 Resp: 1337076
Ion Ratio Lower Upper
77 100
182 22.9 3.5 43.5
105 20.5 0.0 38.5
51 31.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

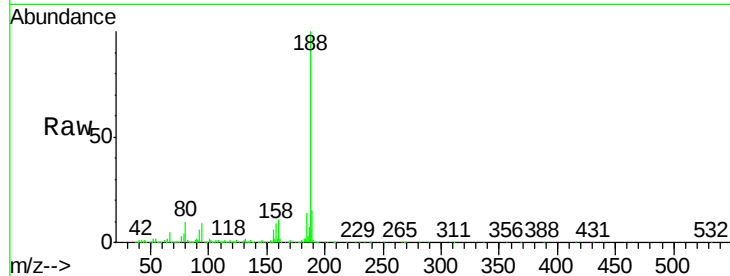
Tgt Ion:188 Resp: 929463

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

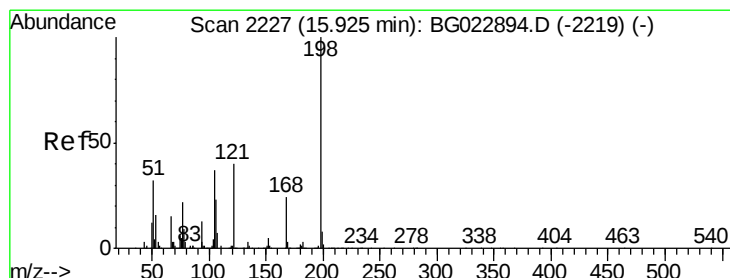
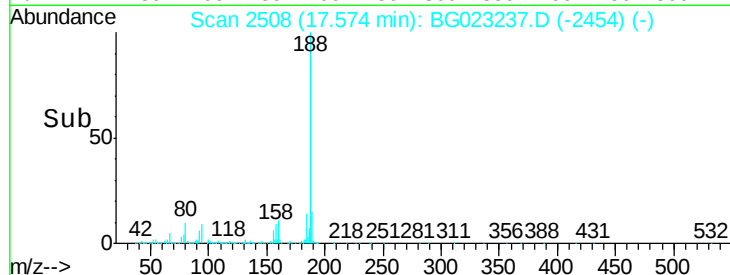
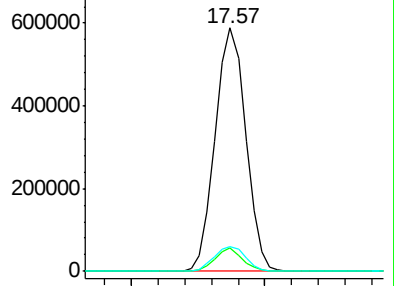
80 10.3 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.64 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

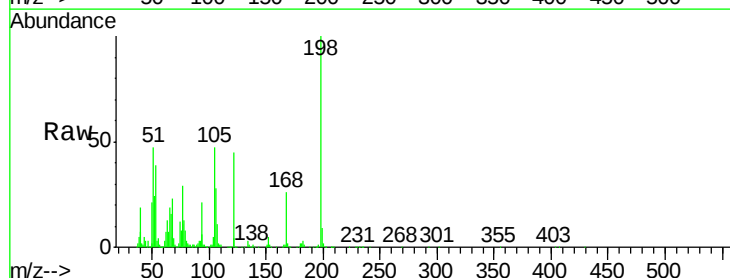
Tgt Ion:198 Resp: 266907

Ion Ratio Lower Upper

198 100

51 46.5 26.0 66.0

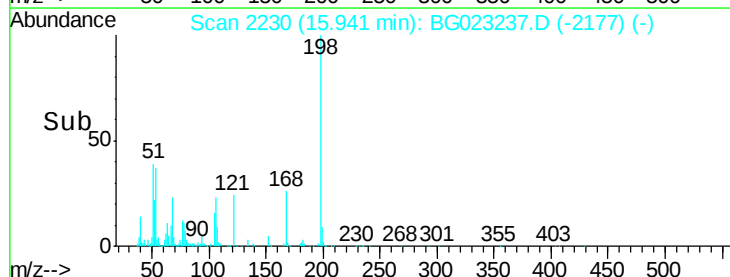
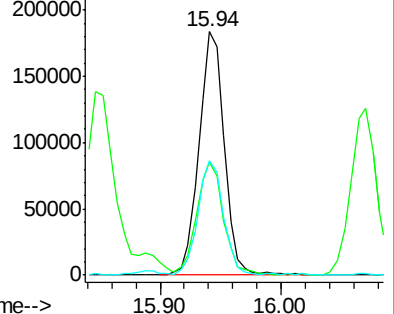
105 47.0 20.1 60.1

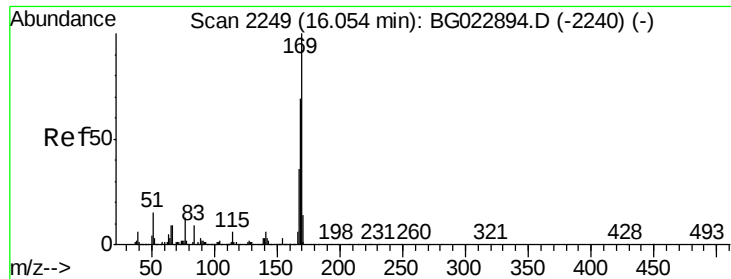


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

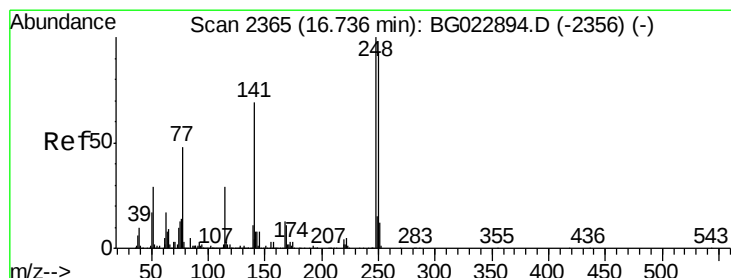
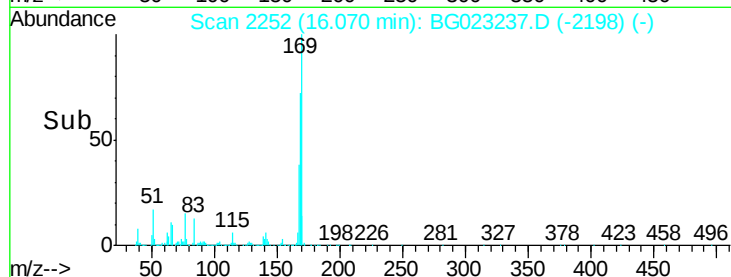
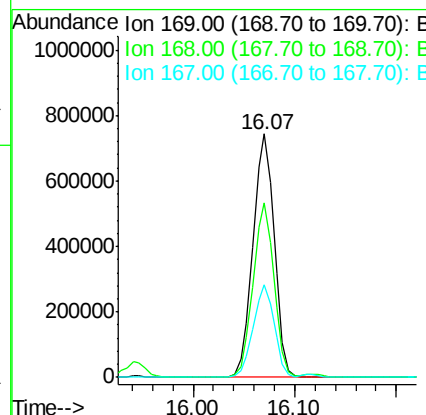
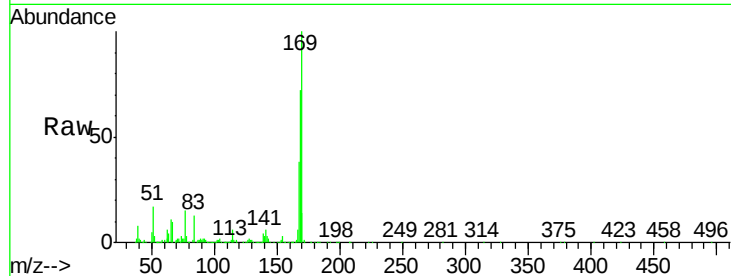




#65
 n-Nitrosodiphenylamine
 Concen: 40.47 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

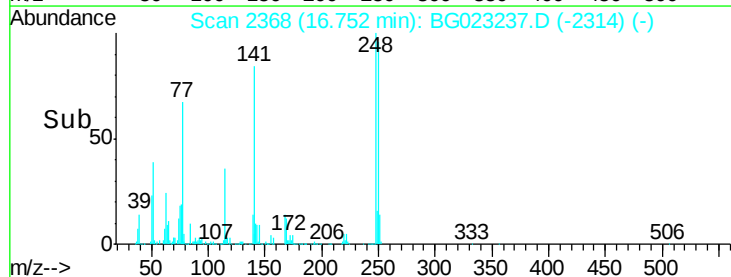
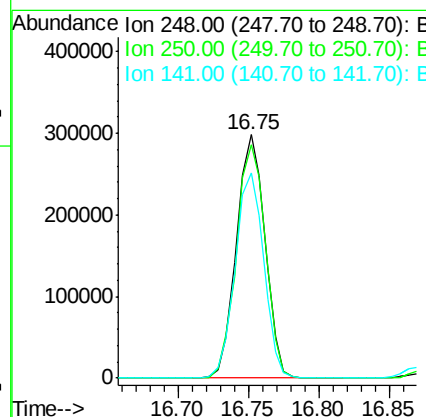
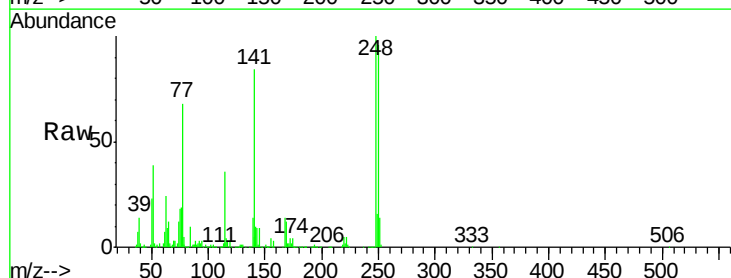
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

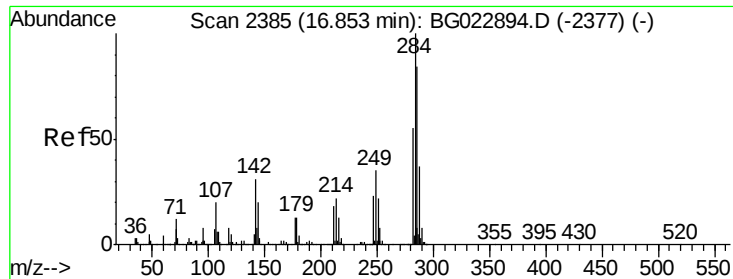
Tgt Ion:169 Resp: 1083821
 Ion Ratio Lower Upper
 169 100
 168 71.7 55.0 82.4
 167 38.2 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 34.75 ng
 RT: 16.75 min Scan# 2368
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:248 Resp: 420265
 Ion Ratio Lower Upper
 248 100
 250 95.6 77.8 116.8
 141 84.2 65.7 98.5





#67

Hexachlorobenzene

Concen: 33.94 ng

RT: 16.88 min Scan# 2389

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

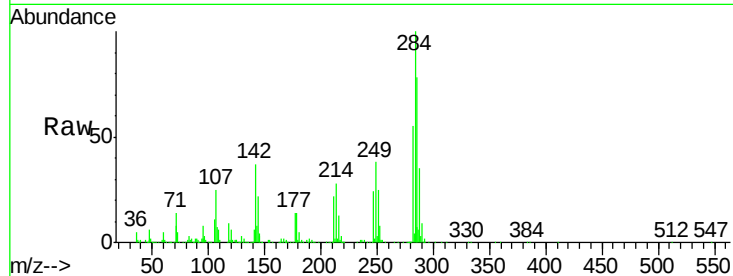
Tgt Ion:284 Resp: 446318

Ion Ratio Lower Upper

284 100

142 37.0 26.8 40.2

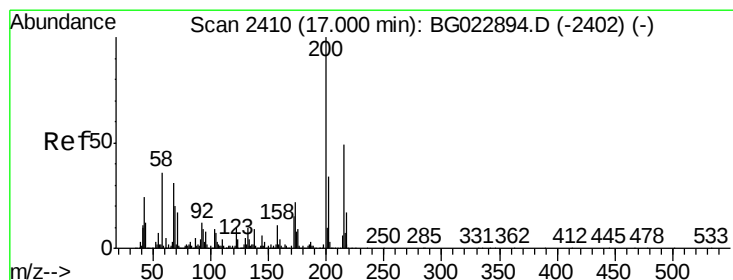
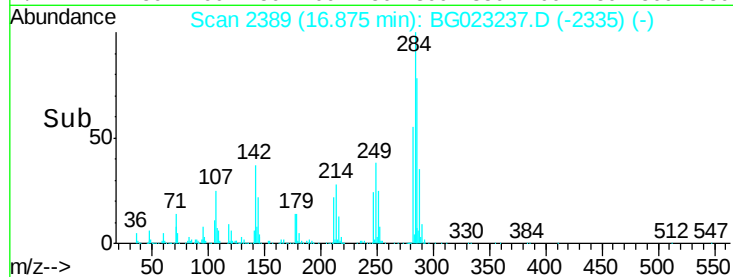
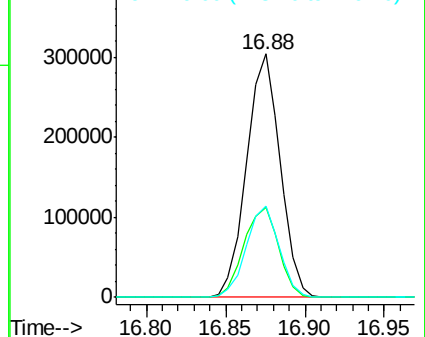
249 37.6 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.87 ng

RT: 17.02 min Scan# 2413

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

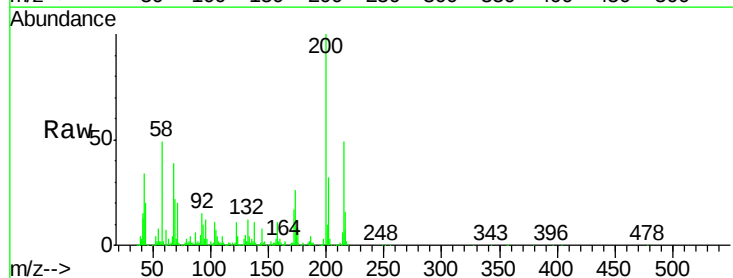
Tgt Ion:200 Resp: 437917

Ion Ratio Lower Upper

200 100

173 25.7 1.6 41.6

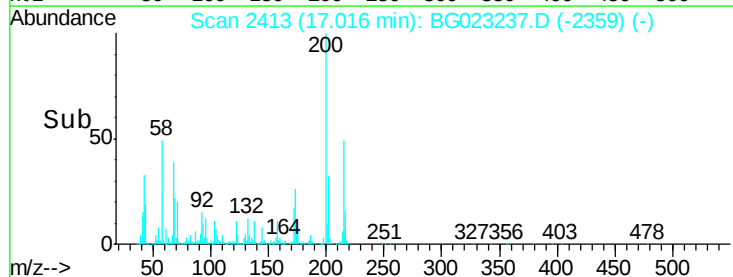
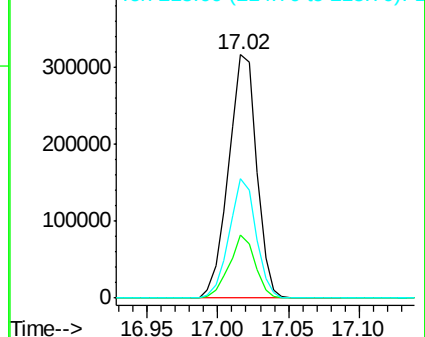
215 49.2 28.7 68.7

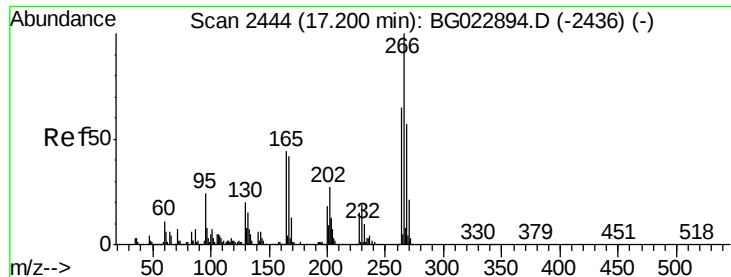


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

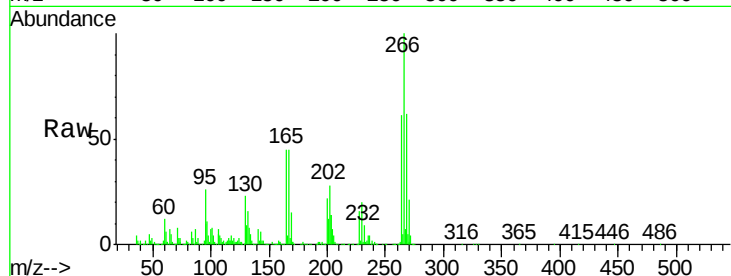




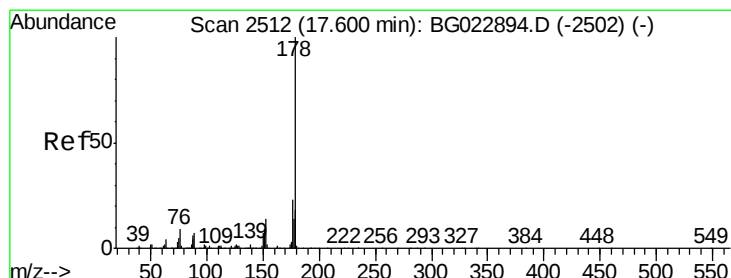
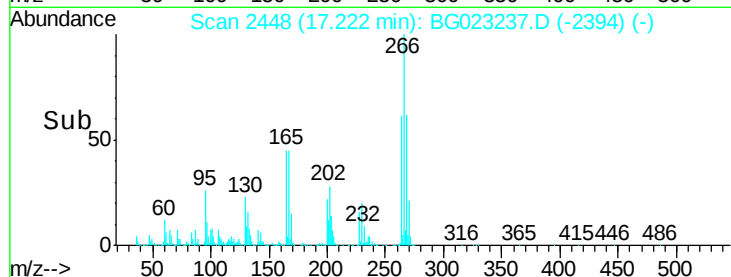
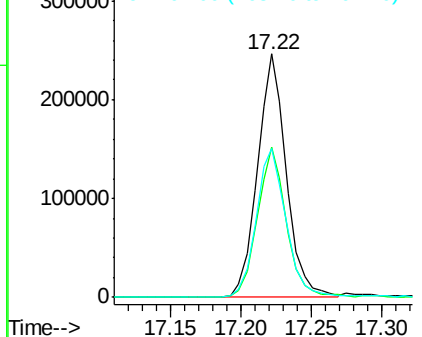
#69
 Pentachlorophenol
 Concen: 41.48 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.9	77.9
264	60.9	50.6	75.8

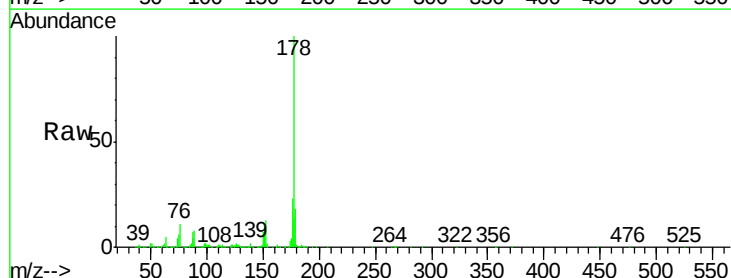


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

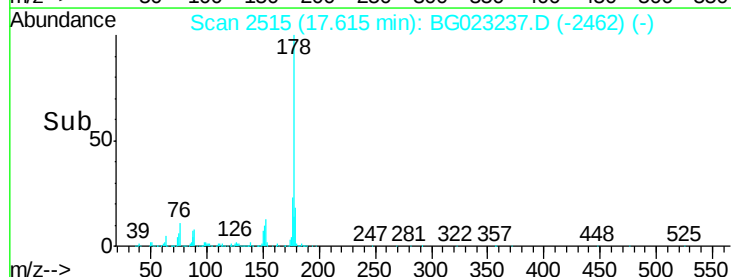
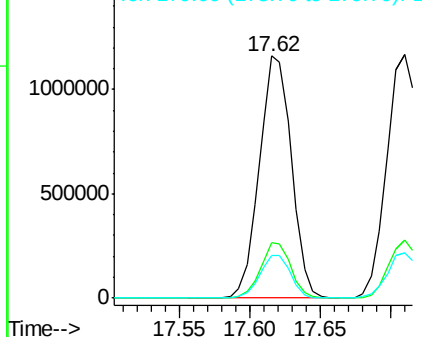


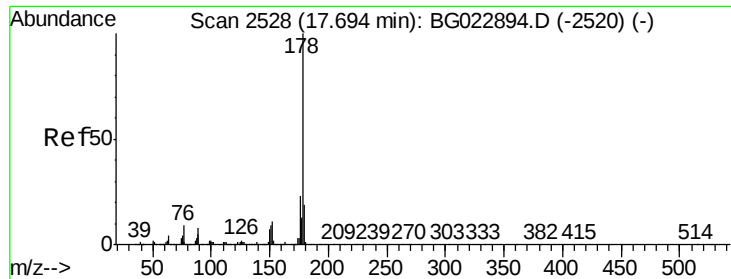
#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.8	25.2
179	17.6	14.3	21.5



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

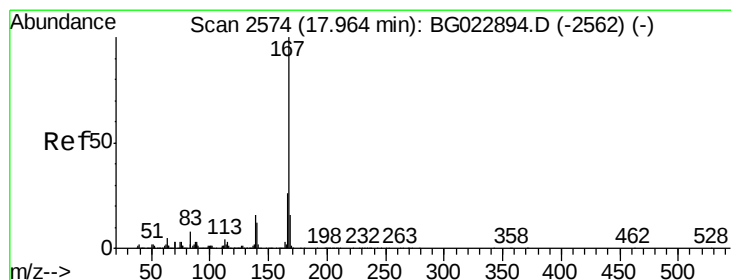
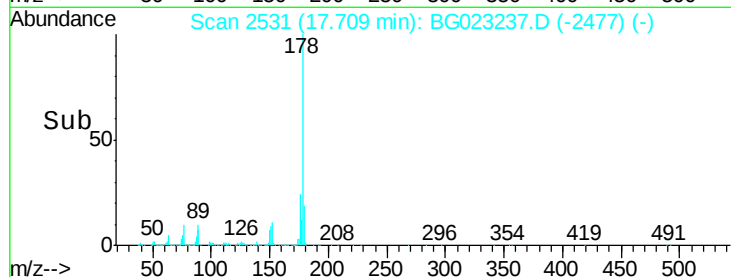
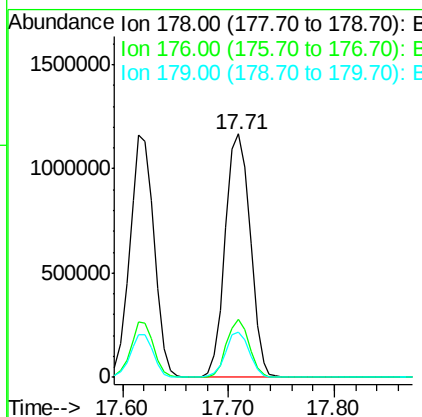
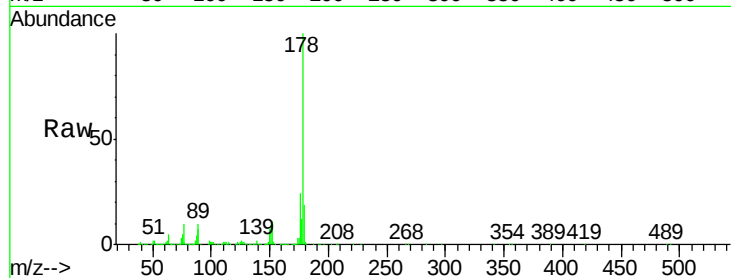




#71
 Anthracene
 Concen: 41.48 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

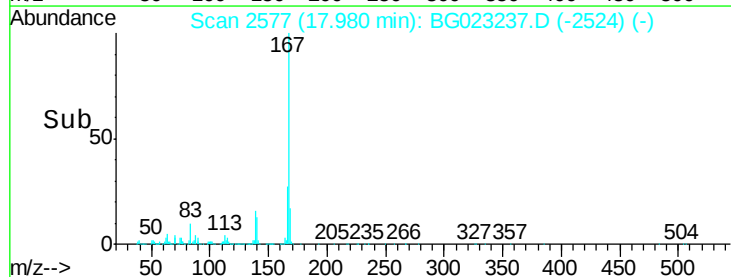
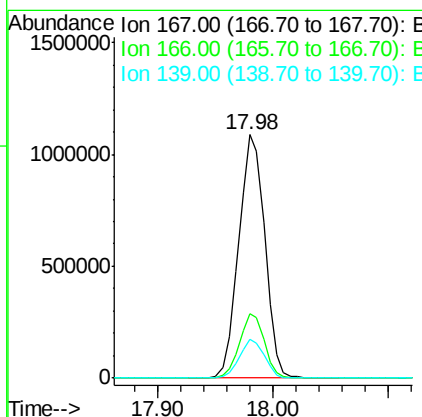
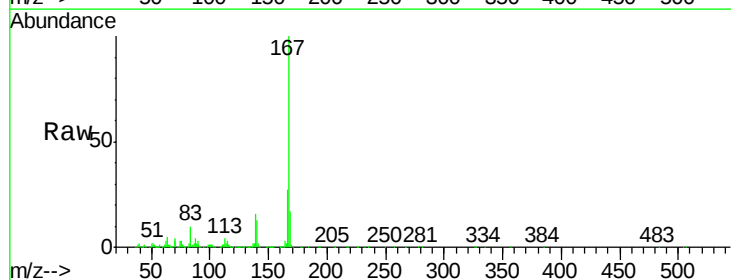
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

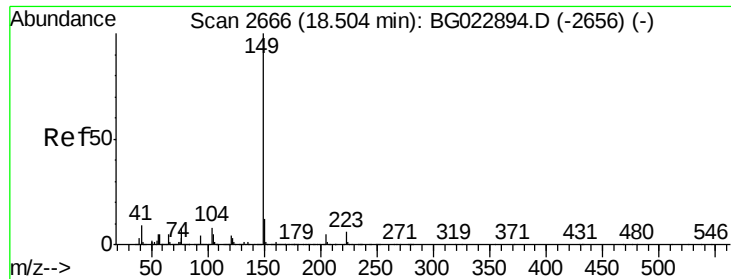
Tgt Ion:178 Resp: 1913231
 Ion Ratio Lower Upper
 178 100
 176 23.6 17.3 25.9
 179 18.6 14.0 21.0



#72
 Carbazole
 Concen: 42.81 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. 0.01 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion:167 Resp: 1706325
 Ion Ratio Lower Upper
 167 100
 166 26.6 20.7 31.1
 139 15.8 11.9 17.9

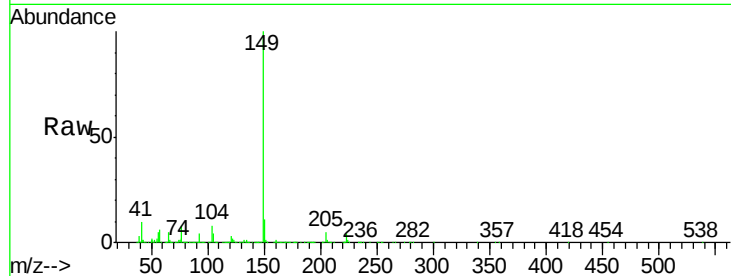




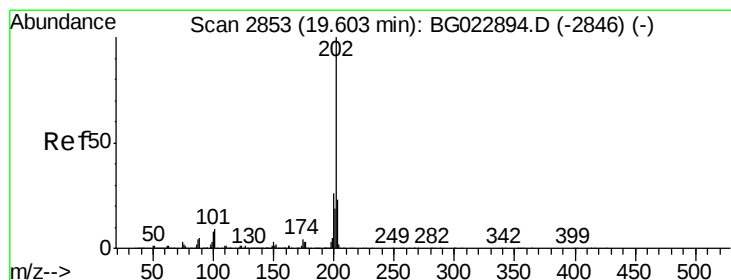
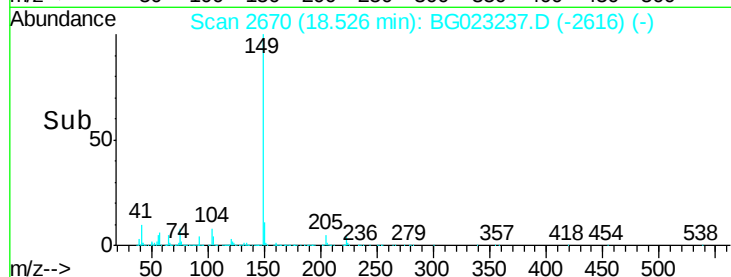
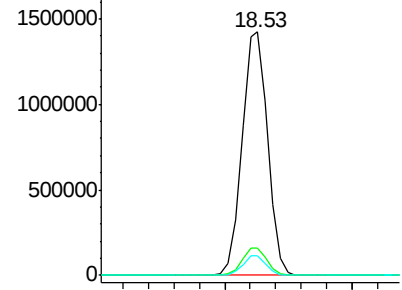
#73
Di-n-butylphthalate
Concen: 44.98 ng
RT: 18.53 min Scan# 2670
Delta R.T. 0.02 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1993714
Ion Ratio Lower Upper
149 100
150 11.3 9.1 13.7
104 8.0 6.9 10.3

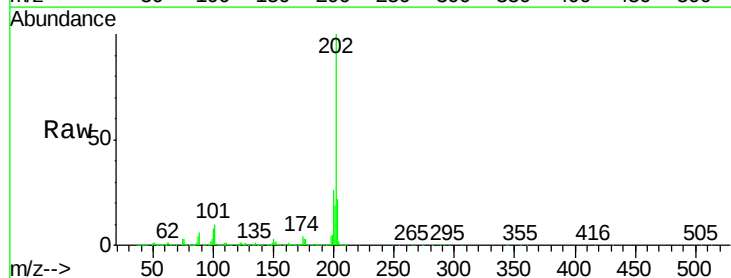


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

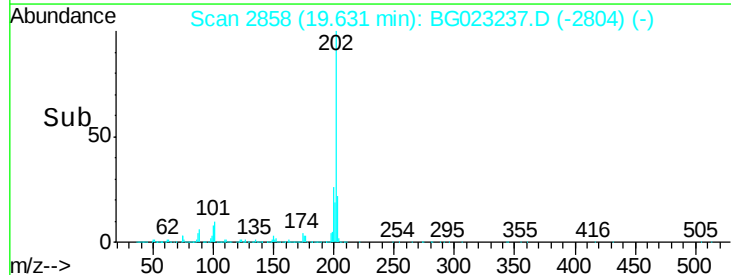
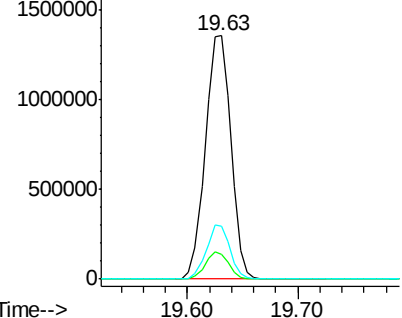


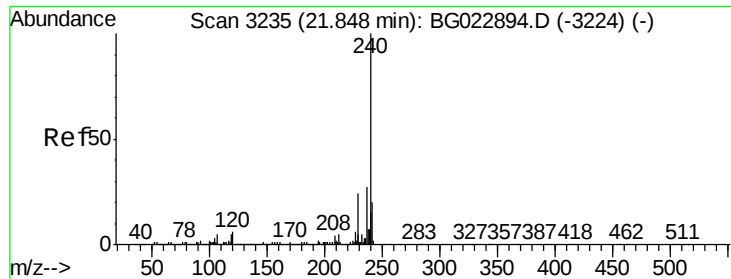
#74
Fluoranthene
Concen: 39.05 ng
RT: 19.63 min Scan# 2858
Delta R.T. 0.02 min
Lab File: BG023237.D
Acq: 23 Jul 2016 5:31

Tgt Ion:202 Resp: 2182996
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.4
203 21.6 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: 21.90 min Scan# 3244

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

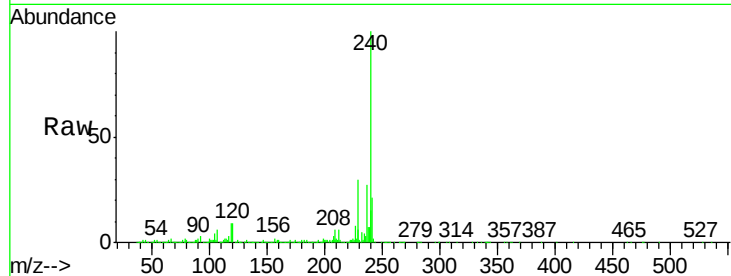
Tgt Ion:240 Resp: 978860

Ion Ratio Lower Upper

240 100

120 8.7 4.1 6.1#

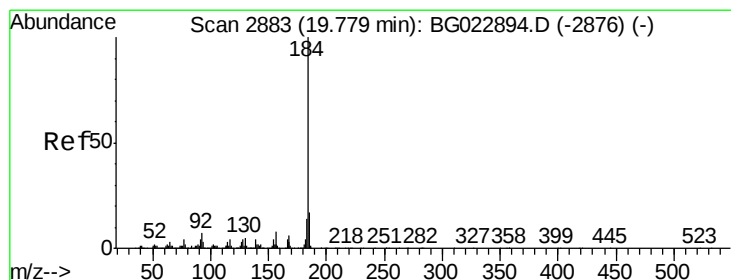
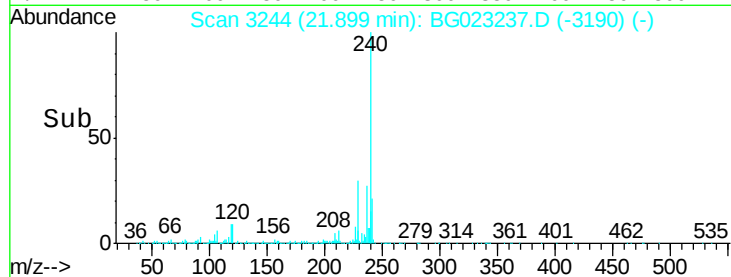
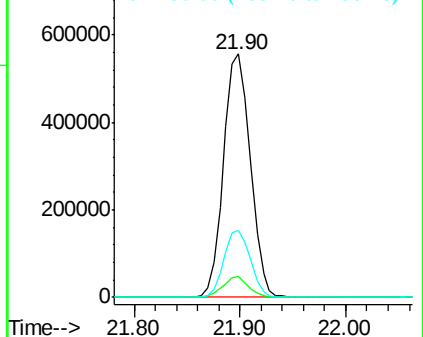
236 27.4 21.1 31.7



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: 59.25 ng

RT: 19.81 min Scan# 2888

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

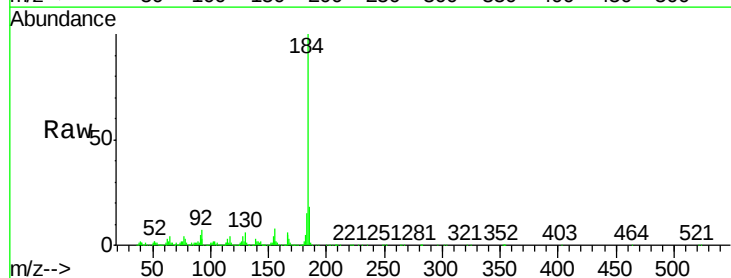
Tgt Ion:184 Resp: 1662818

Ion Ratio Lower Upper

184 100

185 17.9 12.6 19.0

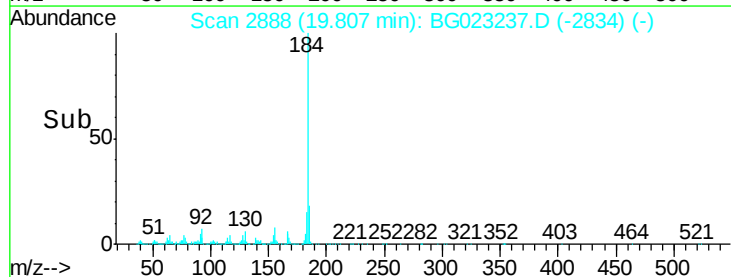
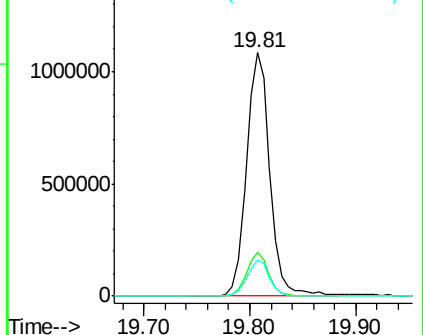
183 14.9 10.7 16.1

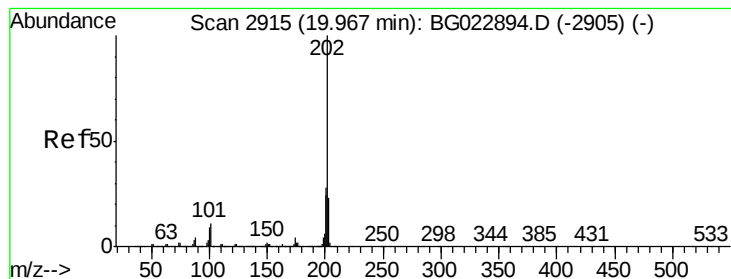


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.66 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

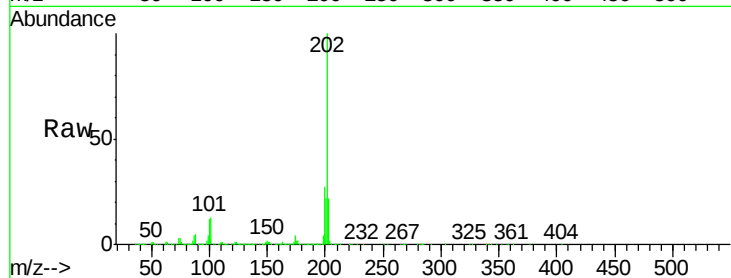
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 2236575

Ion	Ratio	Lower	Upper
202	100		
200	27.3	21.2	31.8
203	22.3	16.8	25.2

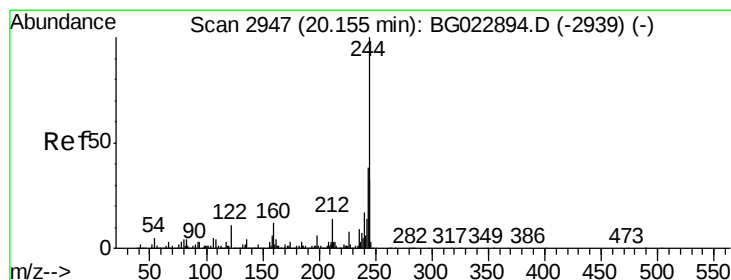
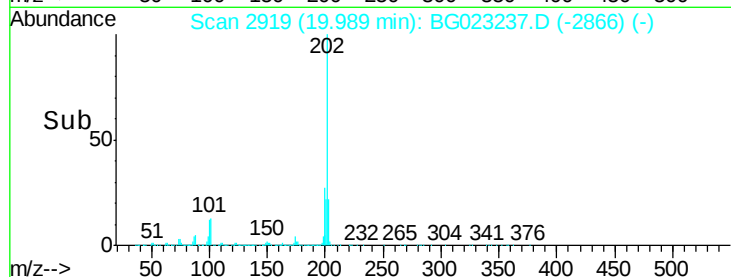
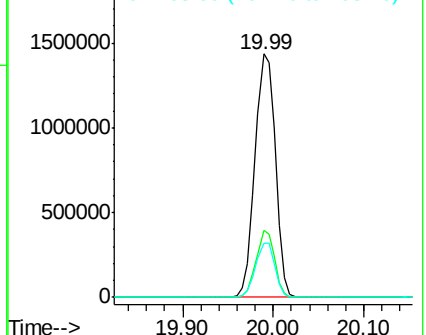


Abundance

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: 88.90 ng

RT: 20.18 min Scan# 2952

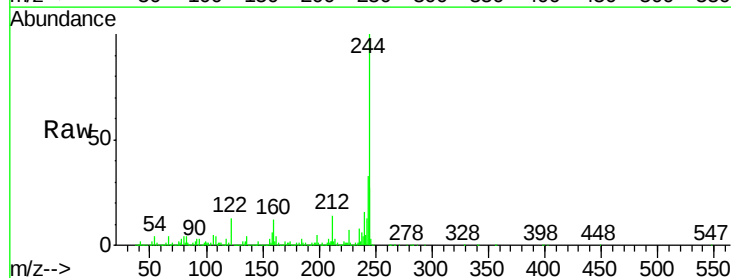
Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Tgt Ion:244 Resp: 2696330

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	12.6	8.0	12.0

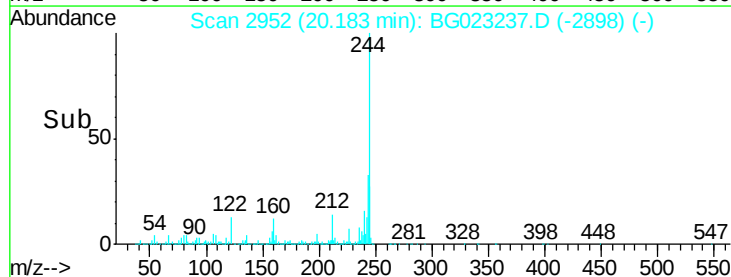
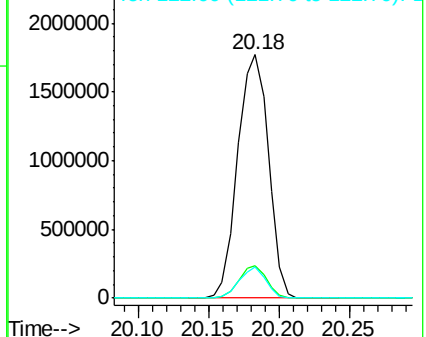


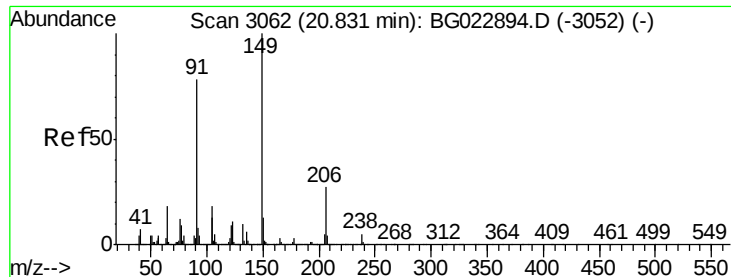
Abundance

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: 45.34 ng

RT: 20.87 min Scan# 3069

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

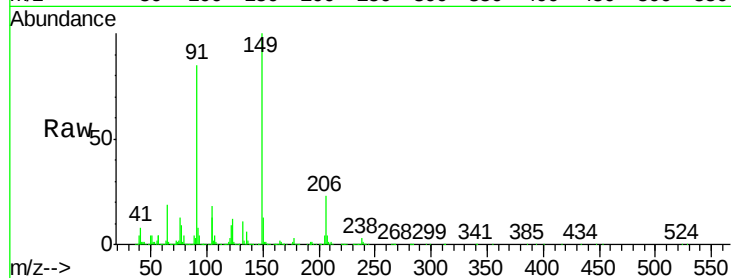
Tgt Ion:149 Resp: 987849

Ion Ratio Lower Upper

149 100

91 84.9 68.1 102.1

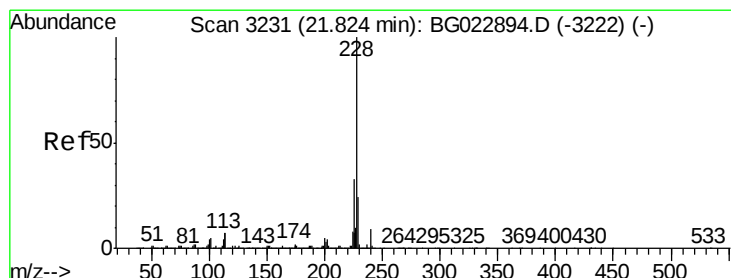
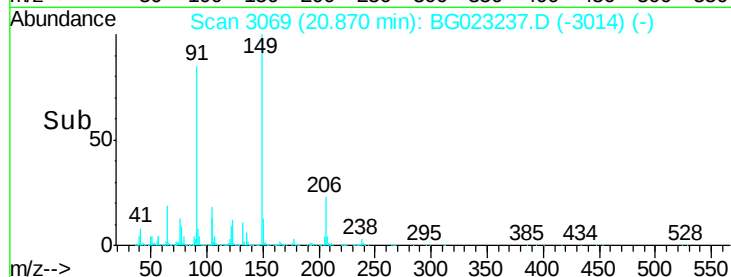
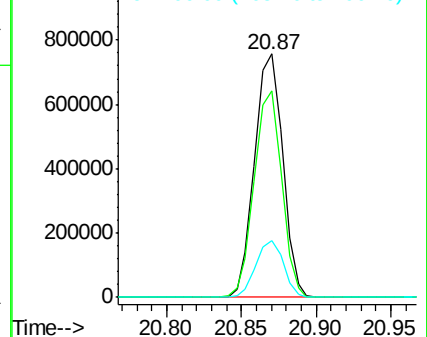
206 23.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.24 ng

RT: 21.88 min Scan# 3240

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

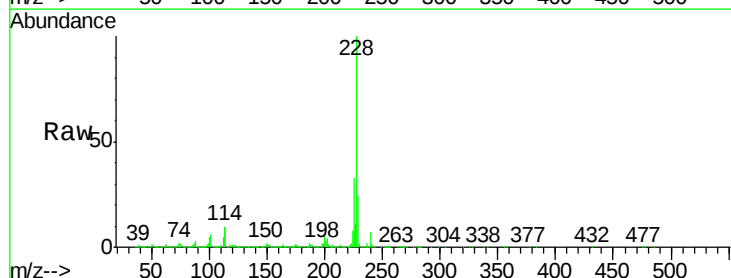
Tgt Ion:228 Resp: 2149229

Ion Ratio Lower Upper

228 100

226 32.6 25.3 37.9

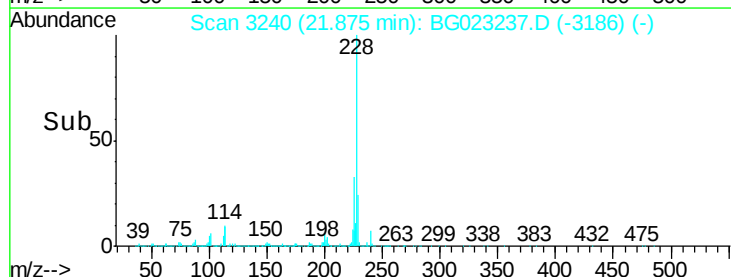
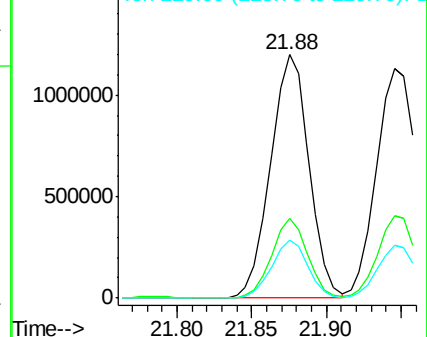
229 23.7 19.9 29.9

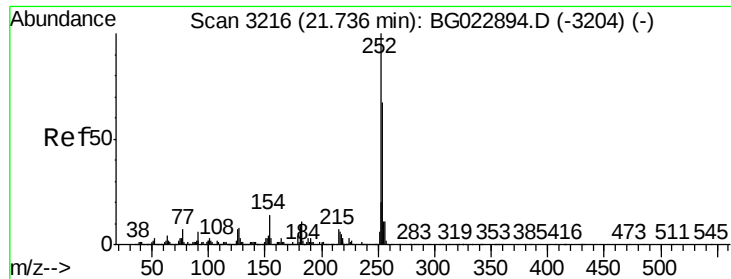


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

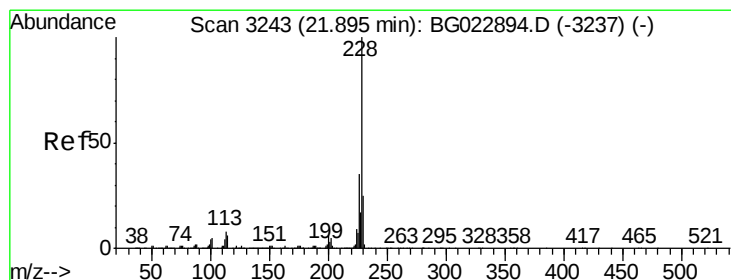
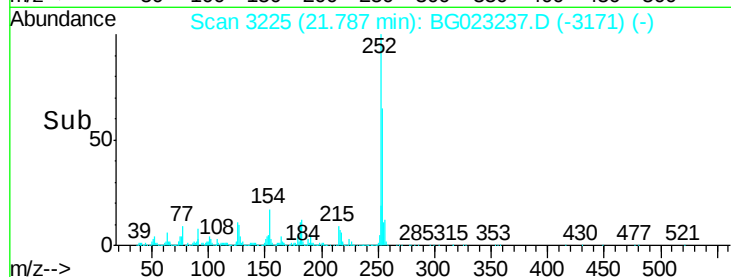
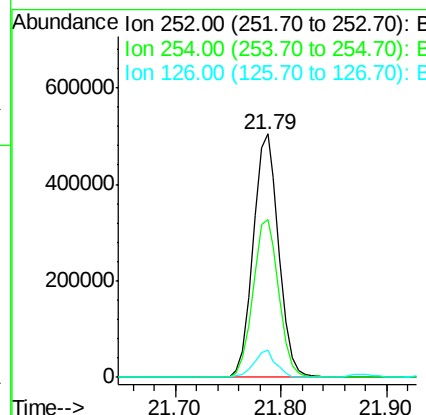
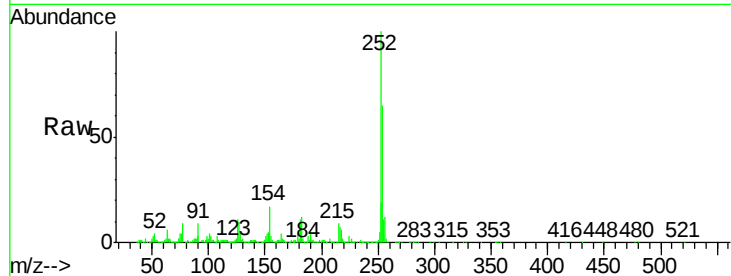




#81
 3,3'-Dichlorobenzidine
 Concen: 35.22 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

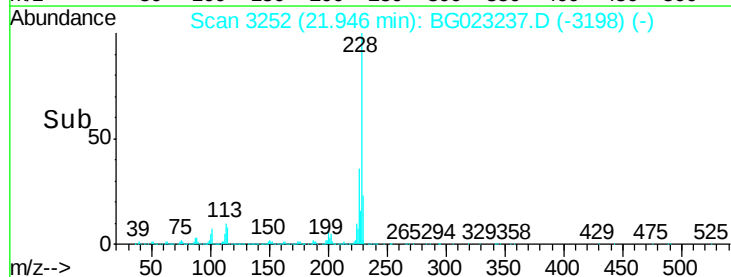
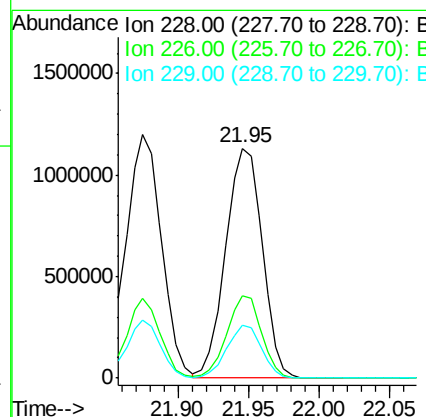
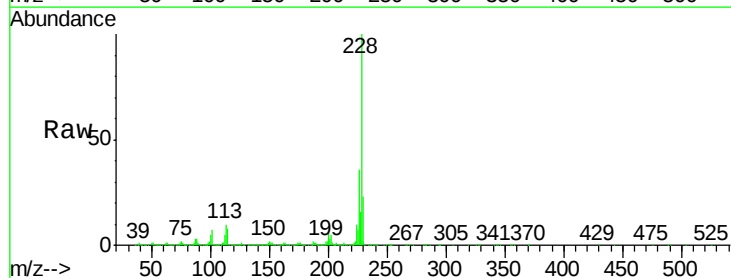
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

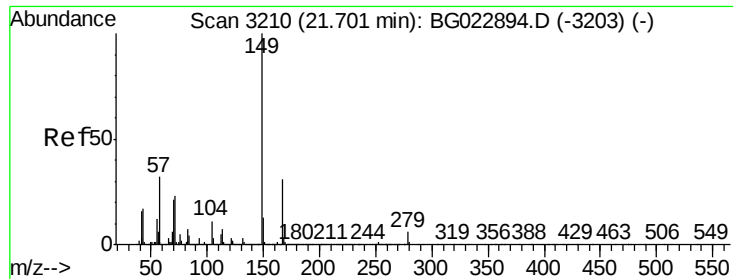
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.2	76.8
126	11.1	5.3	7.9



#82
 Chrysene
 Concen: 39.74 ng
 RT: 21.95 min Scan# 3252
 Delta R.T. 0.02 min
 Lab File: BG023237.D
 Acq: 23 Jul 2016 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.7	26.7	40.1
229	23.2	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.88 ng

RT: 21.76 min Scan# 3220

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

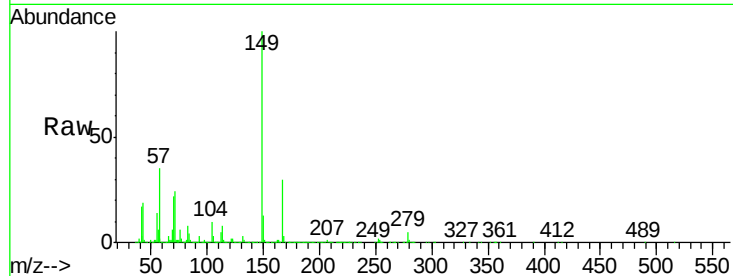
Tgt Ion:149 Resp: 1357752

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

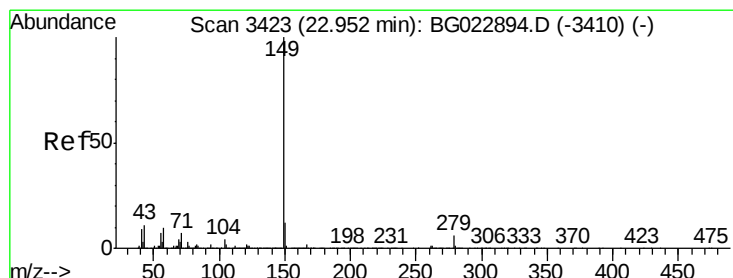
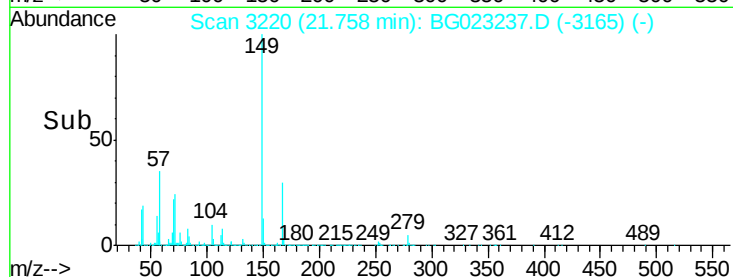
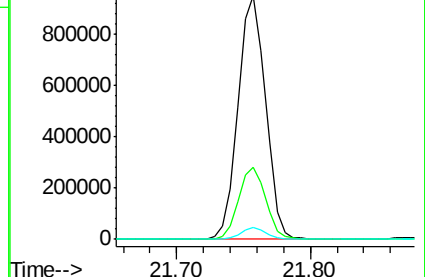
279 5.0 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.41 ng

RT: 23.03 min Scan# 3437

Delta R.T. 0.02 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

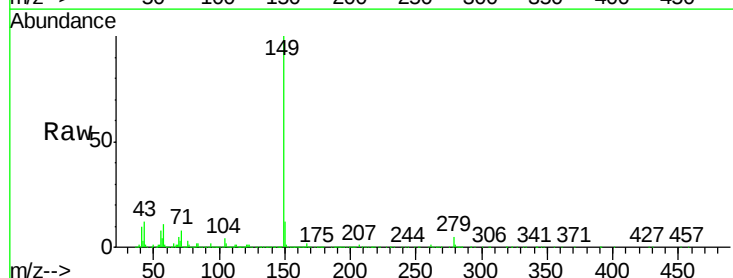
Tgt Ion:149 Resp: 2341719

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

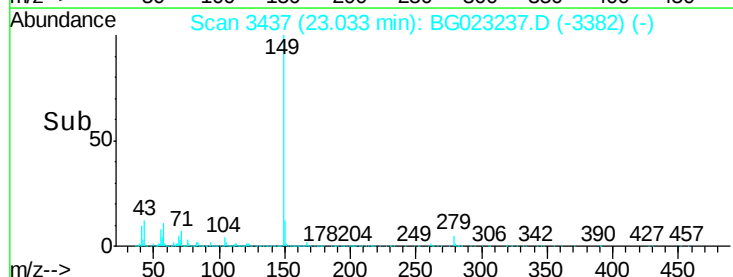
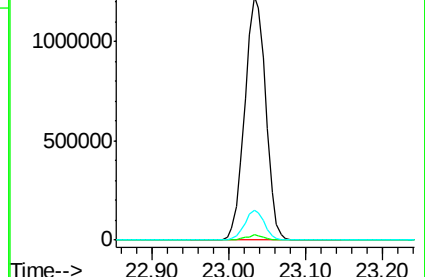
43 11.5 8.8 13.2

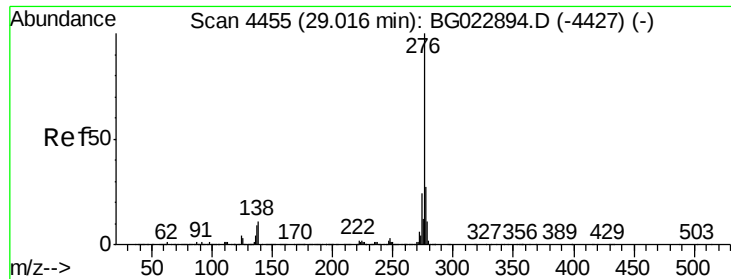


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.08 ng

RT: 29.21 min Scan# 4488

Delta R.T. 0.04 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

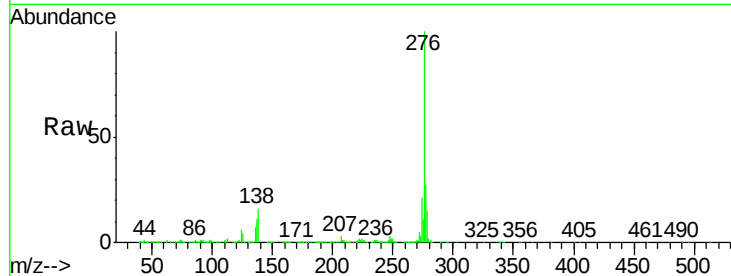
Tgt Ion:276 Resp: 2429042

Ion Ratio Lower Upper

276 100

138 12.6 0.0 0.0#

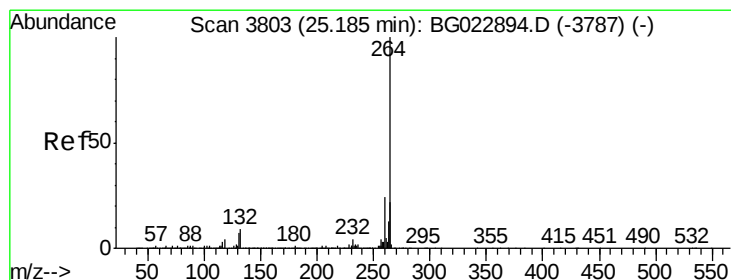
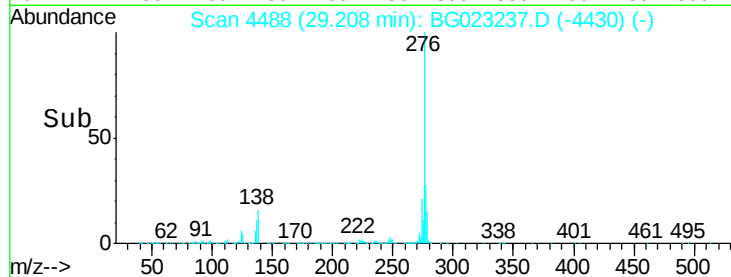
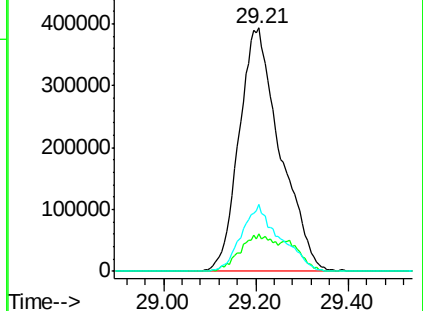
277 25.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.31 min Scan# 3824

Delta R.T. 0.04 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

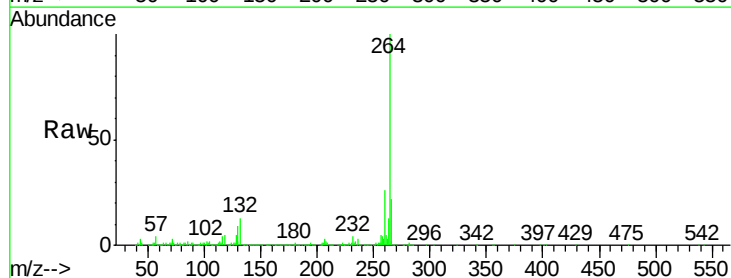
Tgt Ion:264 Resp: 985867

Ion Ratio Lower Upper

264 100

260 26.1 18.4 27.6

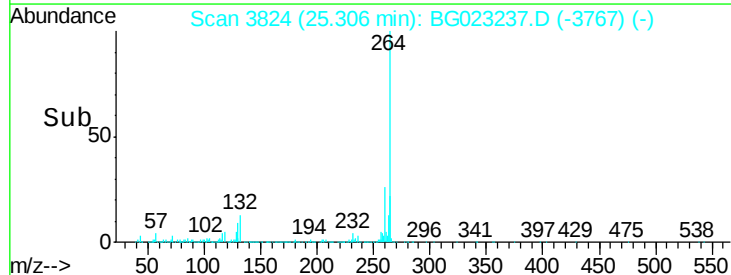
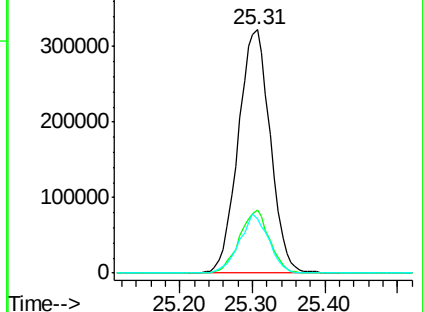
265 22.0 18.9 28.3

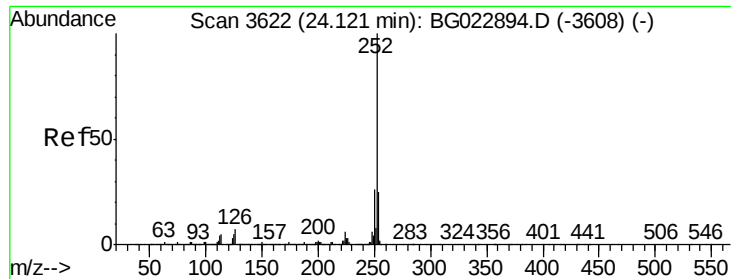


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.85 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.03 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

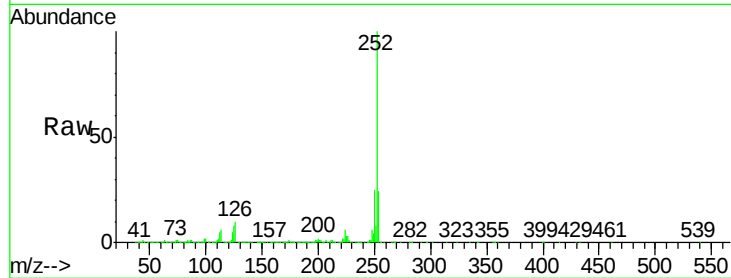
Tgt Ion:252 Resp: 2209975

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

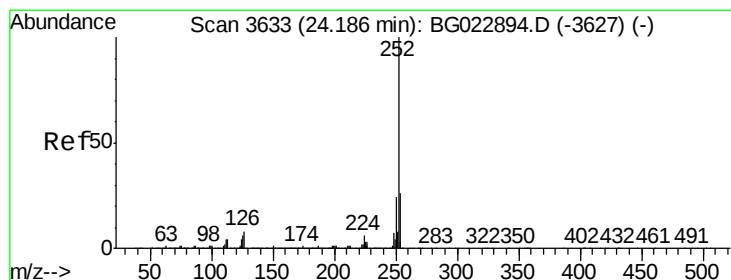
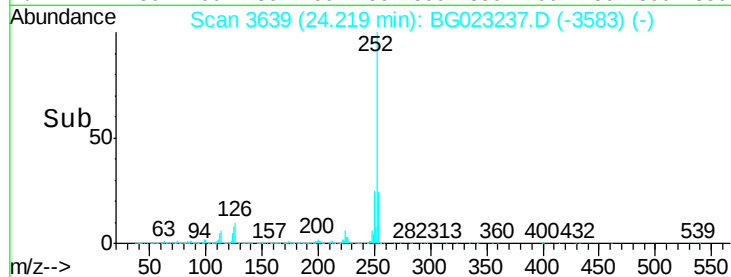
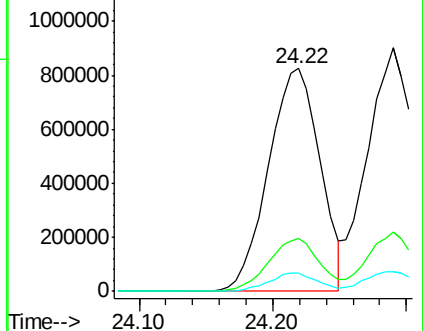
125 8.5 3.9 5.9#



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: 41.40 ng

RT: 24.29 min Scan# 3651

Delta R.T. 0.03 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

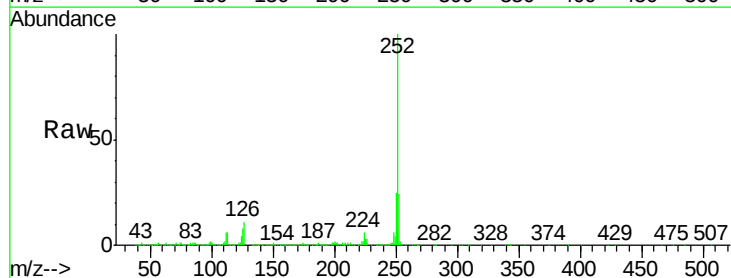
Tgt Ion:252 Resp: 2234805

Ion Ratio Lower Upper

252 100

253 24.4 18.8 28.2

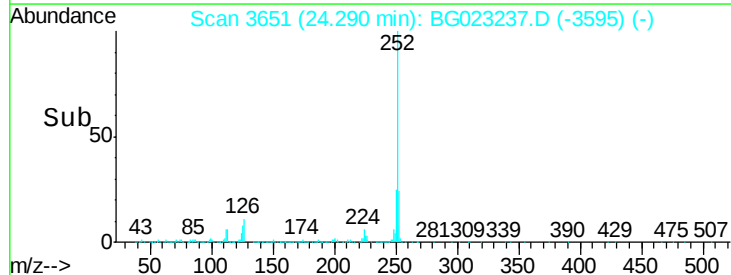
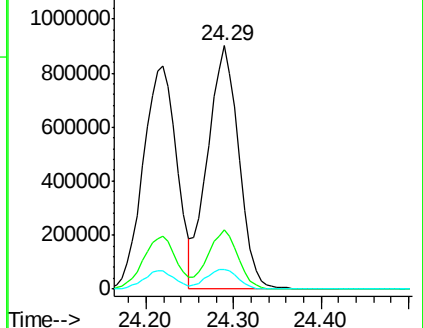
125 8.2 3.2 4.8#

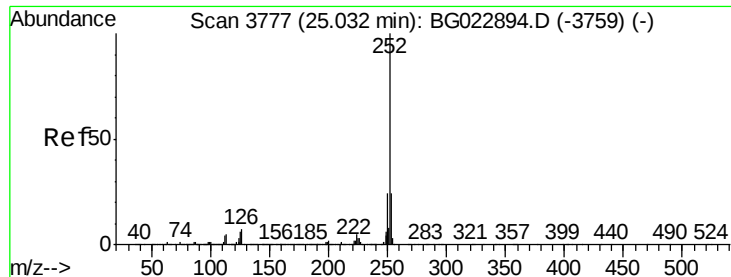


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.60 ng

RT: 25.15 min Scan# 3797

Delta R.T. 0.04 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

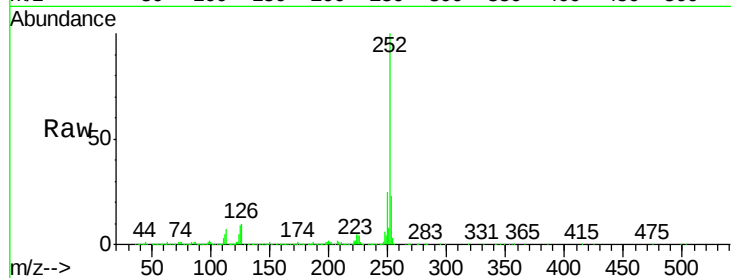
Tgt Ion:252 Resp: 2159377

Ion Ratio Lower Upper

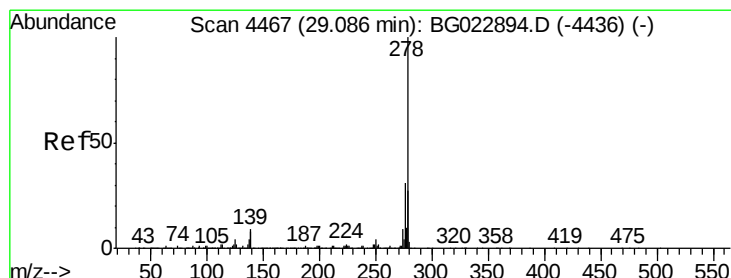
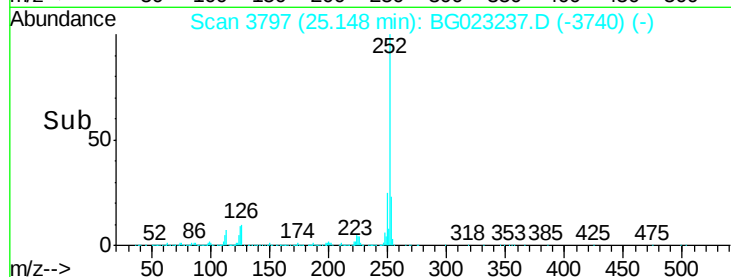
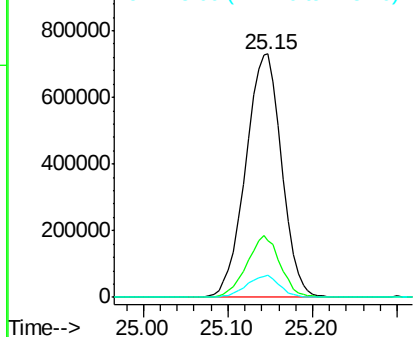
252 100

253 23.3 18.7 28.1

125 8.9 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



#90

Dibenzo(a,h)anthracene

Concen: 38.03 ng

RT: 29.27 min Scan# 4499

Delta R.T. 0.04 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

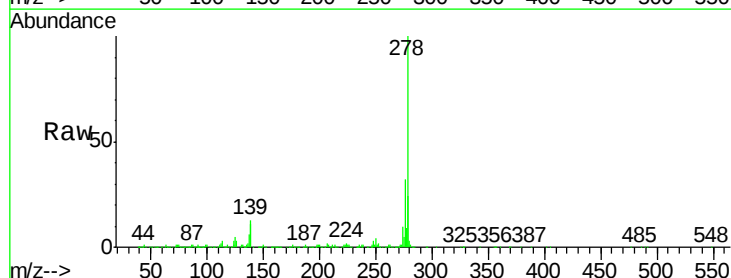
Tgt Ion:278 Resp: 2058038

Ion Ratio Lower Upper

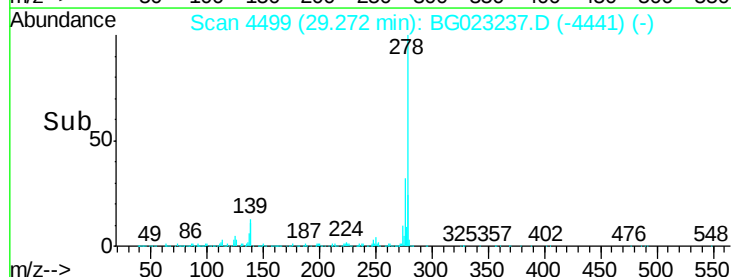
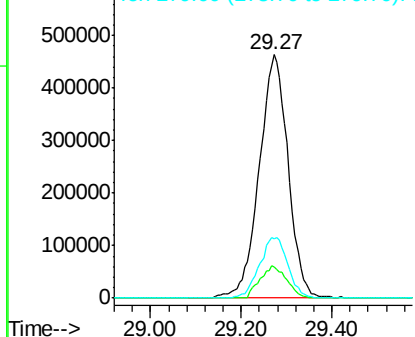
278 100

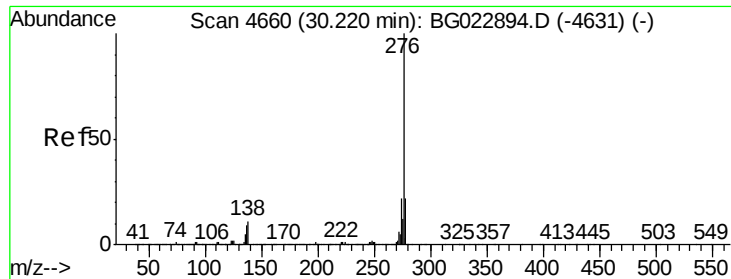
139 12.6 4.7 7.1#

279 24.2 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.63 ng

RT: 30.43 min Scan# 4696

Delta R.T. 0.04 min

Lab File: BG023237.D

Acq: 23 Jul 2016 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

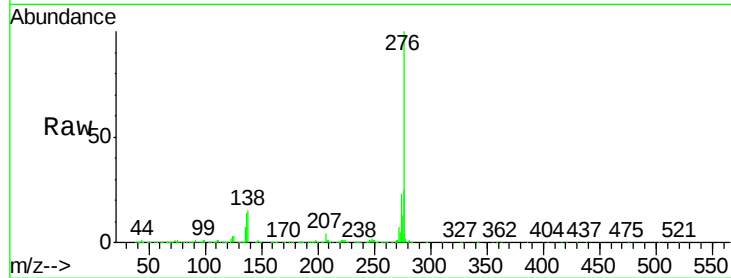
Tgt Ion:276 Resp: 2093509

Ion Ratio Lower Upper

276 100

277 25.0 18.6 27.8

138 15.1 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

