

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023099.D
 Acq On : 14 Jul 2016 13:30
 Operator : UM/SJ
 Sample : H3996-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Quant Time: Jul 14 17:58:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	108640	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	507639	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	391205	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	907873	20.00	ng	0.00
75) Chrysene-d12	21.86	240	977816	20.00	ng	0.02
86) Perylene-d12	25.24	264	988175	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	716437	107.86	ng	0.00
7) Phenol-d6	7.31	99	1162607	111.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	811512	68.45	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	577700	82.17	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1575187	63.42	ng	0.00
78) Terphenyl-d14	20.15	244	2248357	67.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	111136	43.04	ng	97
3) Pyridine	3.97	79	242556	27.45	ng	92
4) n-Nitrosodimethylamine	3.88	42	125119	33.01	ng	# 95
6) Aniline	7.47	93	385611	26.74	ng	96
8) 2-Chlorophenol	7.71	128	262345	37.11	ng	94
9) Benzaldehyde	7.29	77	137759	19.82	ng	96
10) Phenol	7.34	94	424293	39.64	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	277232	32.68	ng	93
12) 1,3-Dichlorobenzene	8.04	146	261892	30.27	ng	96
13) 1,4-Dichlorobenzene	8.19	146	276304	31.90	ng	94
14) 1,2-Dichlorobenzene	8.51	146	266660	30.96	ng	97
15) Benzyl Alcohol	8.39	79	360128	37.79	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	349334	33.71	ng	91
17) 2-Methylphenol	8.60	107	266072	38.18	ng	92
18) Hexachloroethane	9.24	117	108743	29.74	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	308692	32.91	ng	92
20) 3+4-Methylphenols	8.92	107	380259	39.13	ng	97
22) Acetophenone	8.98	105	488574	32.07	ng	# 94
24) Nitrobenzene	9.37	77	440481	34.97	ng	95
25) Isophorone	9.89	82	796279	33.39	ng	98
26) 2-Nitrophenol	10.09	139	167024	33.79	ng	90
27) 2,4-Dimethylphenol	10.14	122	286247	33.50	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	440066	33.09	ng	97
29) 2,4-Dichlorophenol	10.63	162	332536	36.49	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	327508	31.36	ng	95
31) Naphthalene	11.03	128	848495	32.83	ng	98
32) Benzoic acid	10.22	122	46502	5.98	ng	96
33) 4-Chloroaniline	11.14	127	281318	22.26	ng	94
34) Hexachlorobutadiene	11.31	225	247151	29.19	ng	98
35) Caprolactam	11.91	113	116138	30.98	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	415269	33.32	ng	94
37) 2-Methylnaphthalene	12.63	142	685809	33.58	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	437364	25.94	ng	98
40) Hexachlorocyclopentadiene	12.97	237	519973	53.58	ng	99

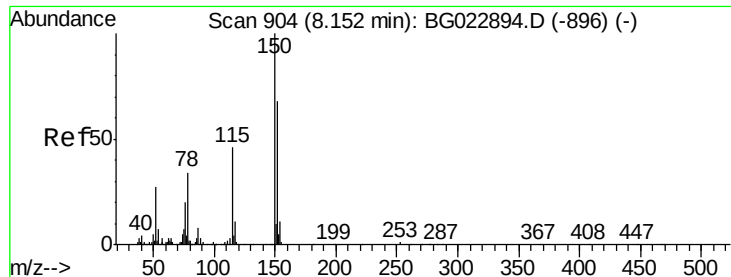
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023099.D
 Acq On : 14 Jul 2016 13:30
 Operator : UM/SJ
 Sample : H3996-03MSD
 Misc :
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 BNA_G
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 B7-B2(5-12)CMSD

Quant Time: Jul 14 17:58:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	319041	32.93	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	343164	34.49	ng	97
45) 1,1'-Biphenyl	13.63	154	949686	32.35	ng	99
46) 2-Chloronaphthalene	13.68	162	782513	32.86	ng	96
47) 2-Nitroaniline	13.88	65	341893	33.65	ng	98
48) Acenaphthylene	14.53	152	1175785	32.92	ng	100
49) Dimethylphthalate	14.25	163	1787938	55.95	ng	# 95
50) 2,6-Dinitrotoluene	14.38	165	247304	34.44	ng	89
51) Acenaphthene	14.86	154	762758	32.68	ng	98
52) 3-Nitroaniline	14.71	138	190940	26.66	ng	93
53) 2,4-Dinitrophenol	14.91	184	241151	48.94	ng	97
54) Dibenzofuran	15.20	168	1260441	36.08	ng	99
55) 4-Nitrophenol	15.02	139	371680	61.92	ng	96
56) 2,4-Dinitrotoluene	15.16	165	354601	33.87	ng	95
57) Fluorene	15.85	166	998026	33.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	345648	34.72	ng	92
59) Diethylphthalate	15.61	149	1087816	33.46	ng	99
60) 4-Chlorophenyl-phenylether	15.83	204	581503	31.75	ng	98
61) 4-Nitroaniline	15.88	138	236941	30.58	ng	89
62) Azobenzene	16.13	77	1205651	38.77	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	211846	31.40	ng	96
65) n-Nitrosodiphenylamine	16.06	169	931730	35.62	ng	99
66) 4-Bromophenyl-phenylether	16.73	248	382276	32.36	ng	97
67) Hexachlorobenzene	16.86	284	393202	30.62	ng	97
68) Atrazine	17.00	200	385571	33.23	ng	98
69) Pentachlorophenol	17.20	266	509399	61.25	ng	98
70) Phenanthrene	17.60	178	1577592	35.46	ng	98
71) Anthracene	17.69	178	1608382	35.70	ng	99
72) Carbazole	17.96	167	1400452	35.97	ng	99
73) Di-n-butylphthalate	18.50	149	1644400	37.98	ng	98
74) Fluoranthene	19.61	202	1782407	32.64	ng	96
76) Benzidine	19.78	184	1095411	39.08	ng	99
77) Pyrene	19.96	202	1816709	33.06	ng	97
79) Butylbenzylphthalate	20.84	149	784202	36.03	ng	95
80) Benzo(a)anthracene	21.84	228	1864416	34.08	ng	97
81) 3,3'-Dichlorobenzidine	21.75	252	591643	24.64	ng	99
82) Chrysene	21.91	228	1745153	34.01	ng	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1101133	36.43	ng	99
84) Di-n-octyl phthalate	22.98	149	1855469	36.81	ng	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2048638	31.31	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	1967123	34.50	ng	98
88) Benzo(k)fluoranthene	24.23	252	1865540	34.48	ng	# 99
89) Benzo(a)pyrene	25.08	252	1921834	35.17	ng	# 98
90) Dibenzo(a,h)anthracene	29.17	278	1707502	31.48	ng	# 96
91) Benzo(g,h,i)perylene	30.31	276	1672380	30.79	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

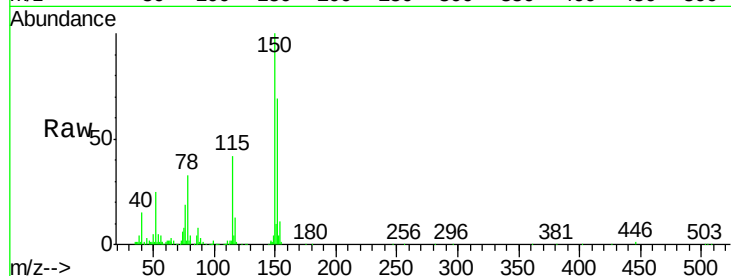
Tgt Ion:152 Resp: 108640

Ion Ratio Lower Upper

152 100

150 145.0 144.7 217.1

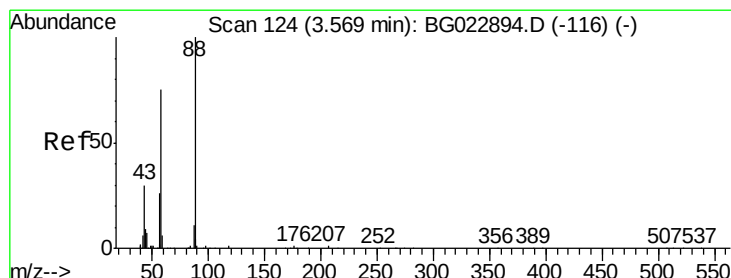
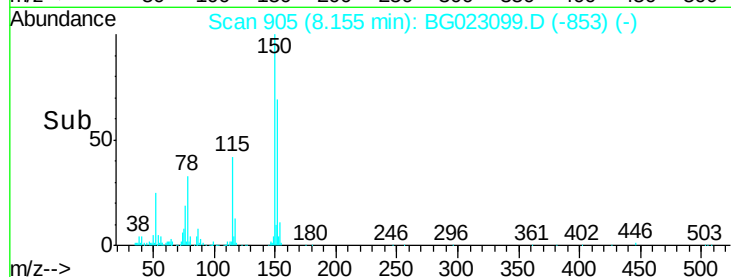
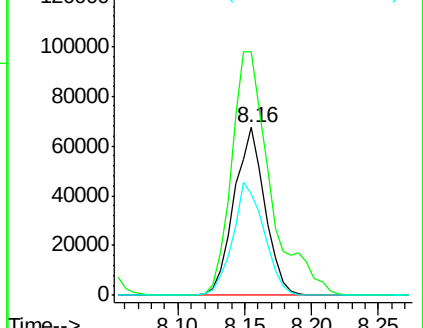
115 60.2 64.0 96.0#



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: 43.04 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

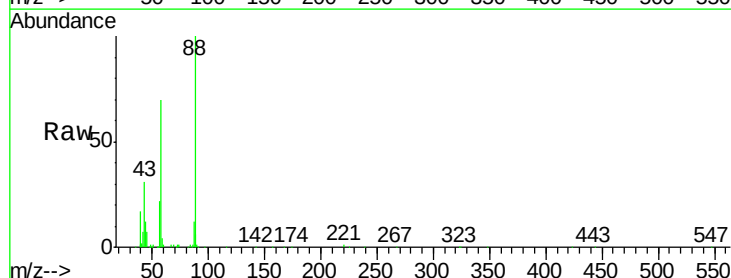
Tgt Ion: 88 Resp: 111136

Ion Ratio Lower Upper

88 100

58 75.2 60.4 90.6

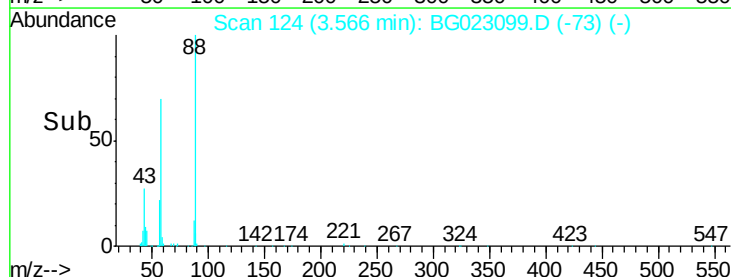
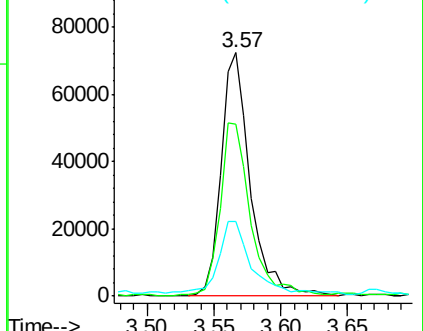
43 34.2 31.1 46.7

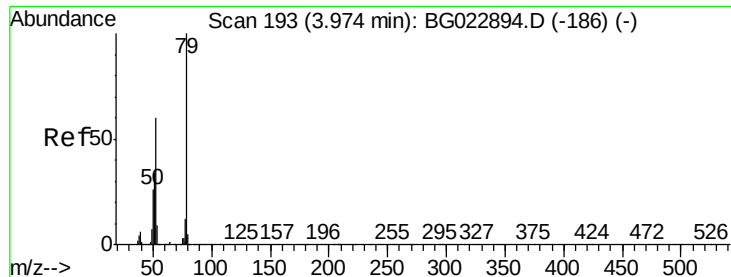


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.45 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

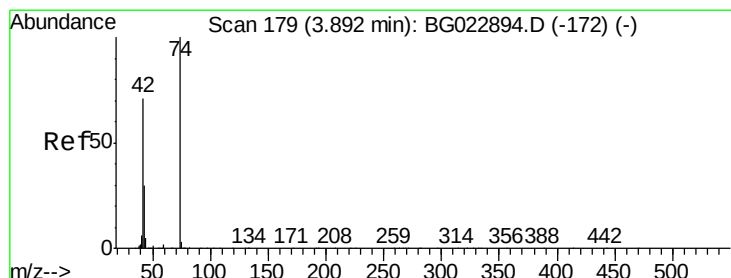
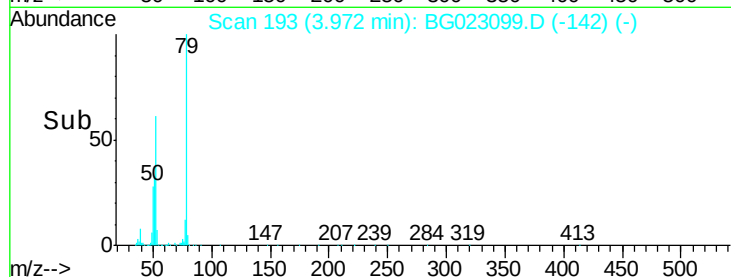
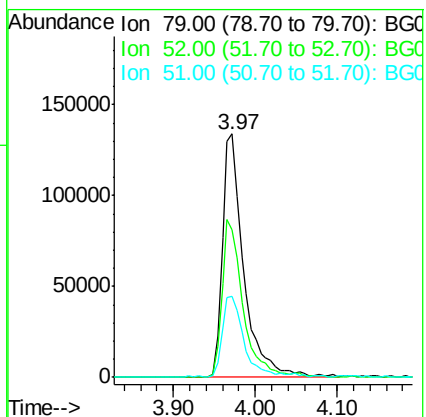
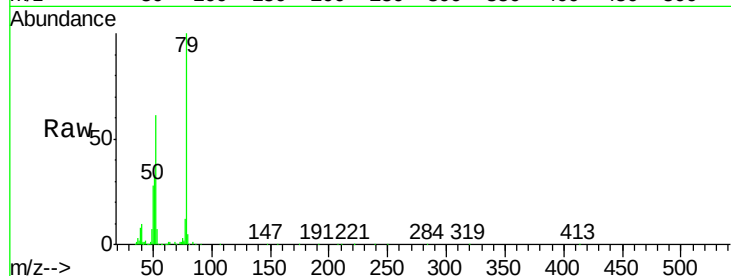
Tgt Ion: 79 Resp: 242556

Ion Ratio Lower Upper

79 100

52 60.7 51.8 77.8

51 33.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 33.01 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

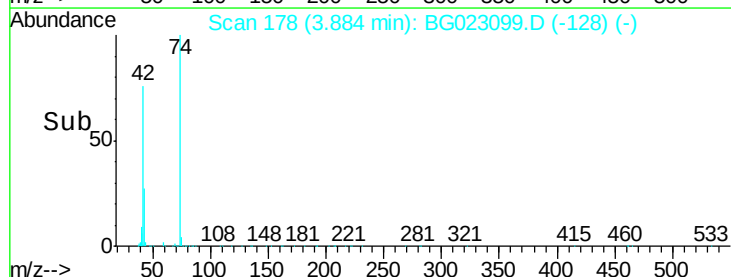
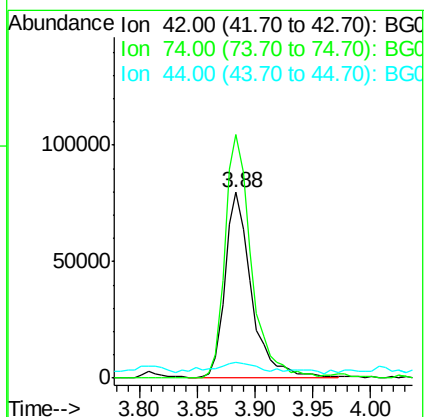
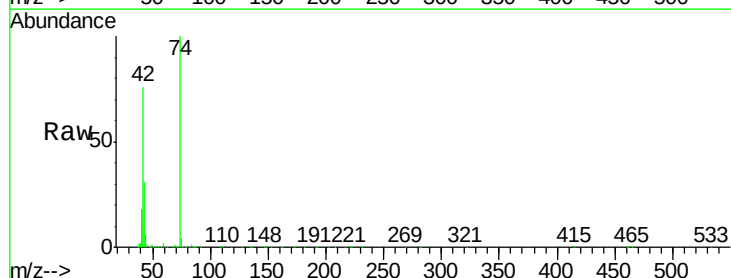
Tgt Ion: 42 Resp: 125119

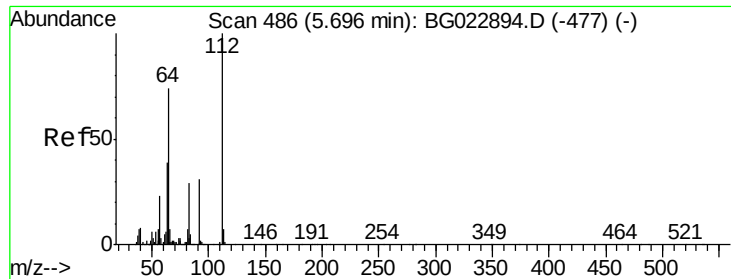
Ion Ratio Lower Upper

42 100

74 131.1 100.6 150.8

44 8.4 4.5 6.7#





#5

2-Fluorophenol

Concen: 107.86 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

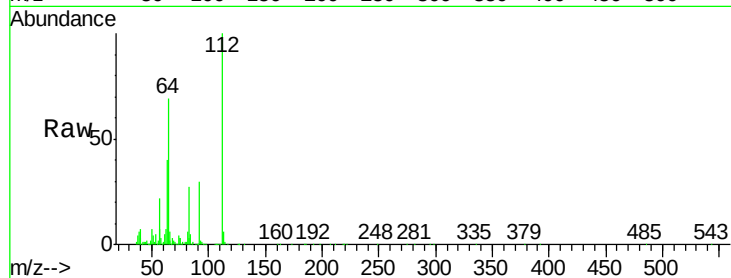
Tgt Ion: 112 Resp: 716437

Ion Ratio Lower Upper

112 100

64 69.2 59.0 88.4

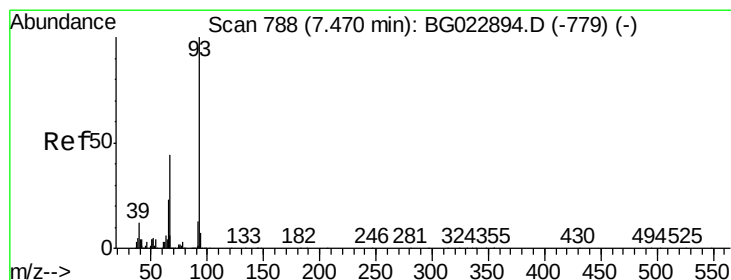
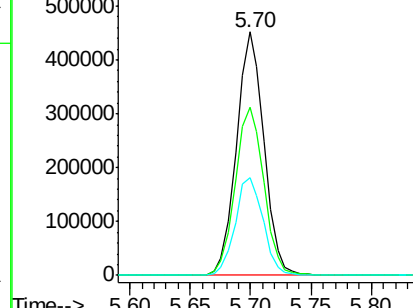
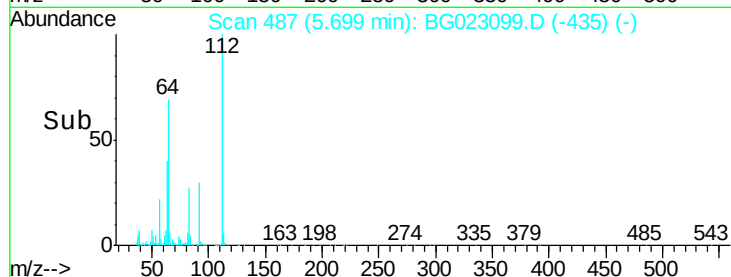
63 40.1 37.8 56.8



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: 26.74 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

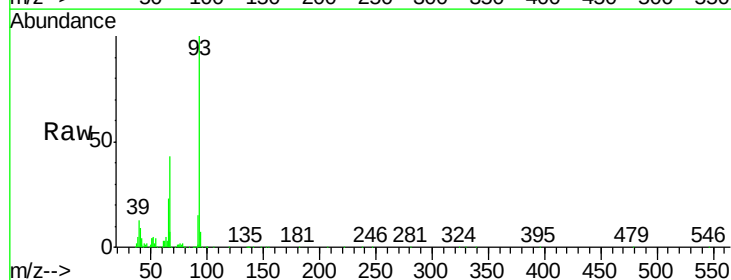
Tgt Ion: 93 Resp: 385611

Ion Ratio Lower Upper

93 100

66 43.2 37.5 56.3

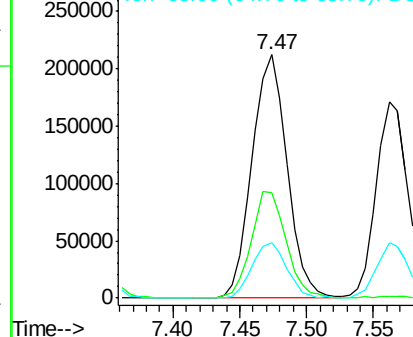
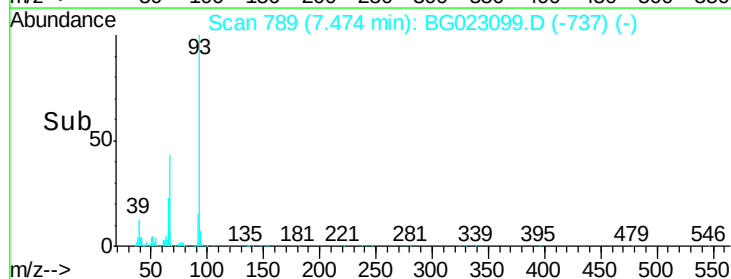
65 22.9 17.9 26.9

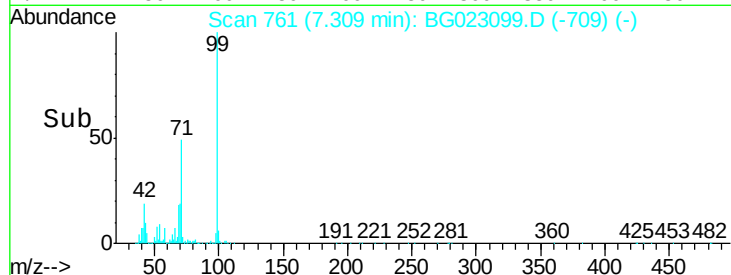
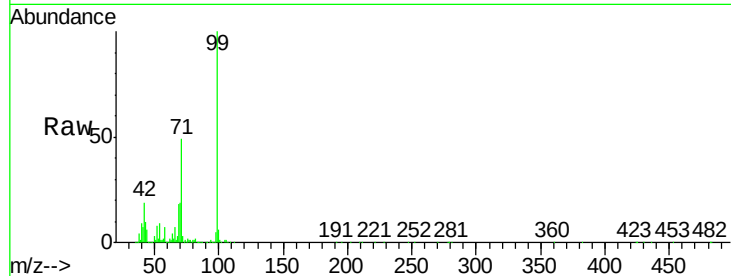
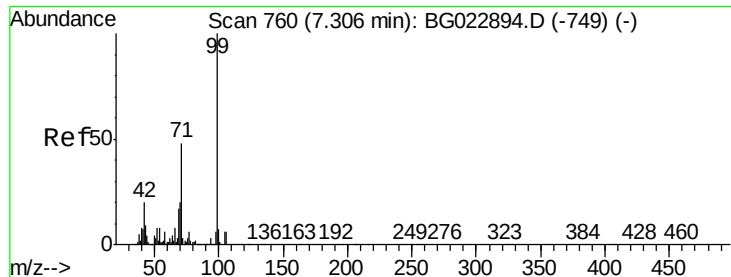


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.75 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

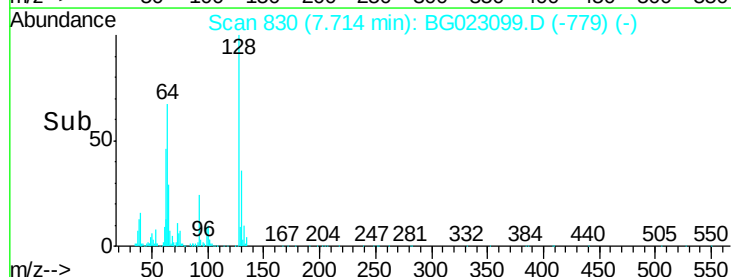
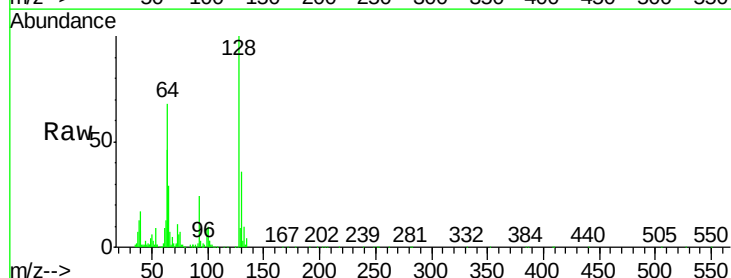
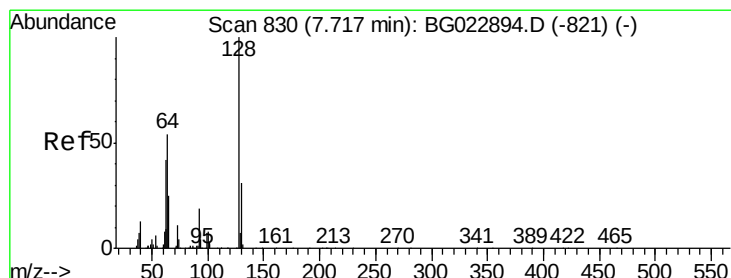
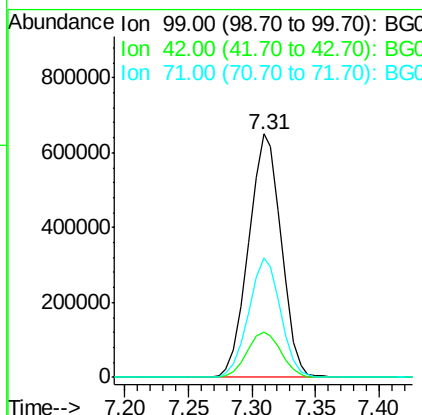
Tgt Ion: 99 Resp: 1162607

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 49.2 41.5 62.3



#8

2-Chlorophenol

Concen: 37.11 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

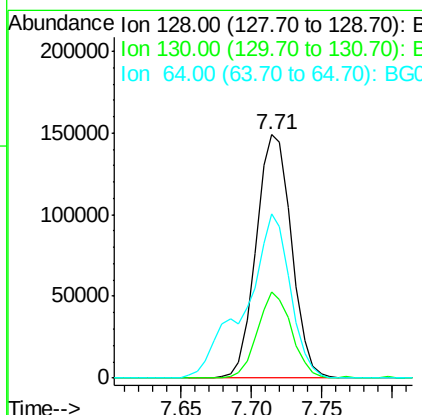
Tgt Ion: 128 Resp: 262345

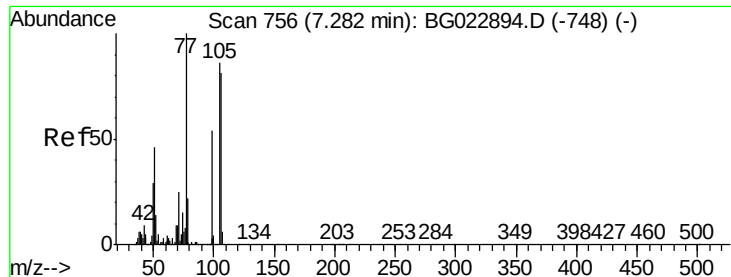
Ion Ratio Lower Upper

128 100

130 35.6 12.9 52.9

64 67.6 42.0 82.0





#9

Benzaldehyde

Concen: 19.82 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

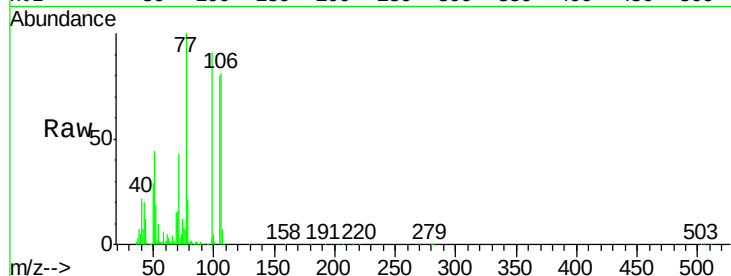
Tgt Ion: 77 Resp: 137759

Ion Ratio Lower Upper

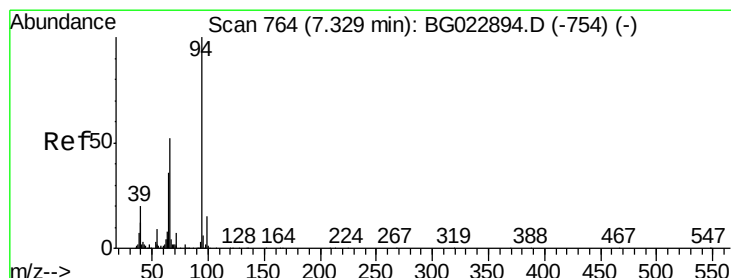
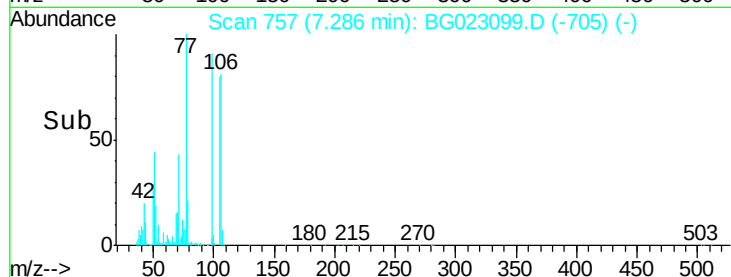
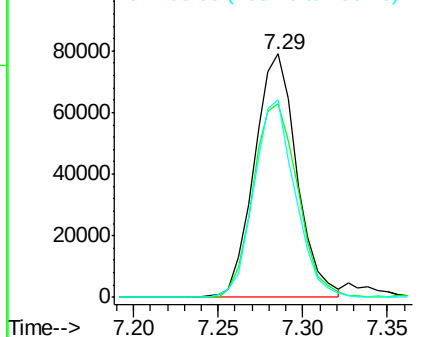
77 100

105 79.8 58.7 98.7

106 81.1 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: 39.64 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

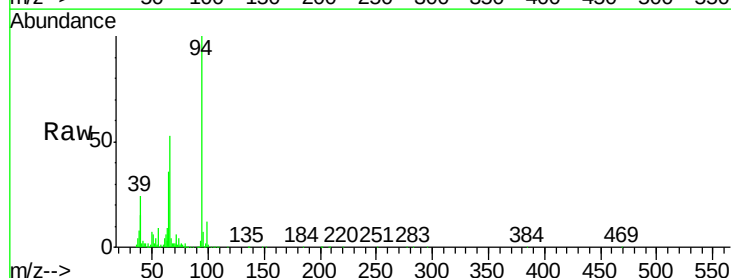
Tgt Ion: 94 Resp: 424293

Ion Ratio Lower Upper

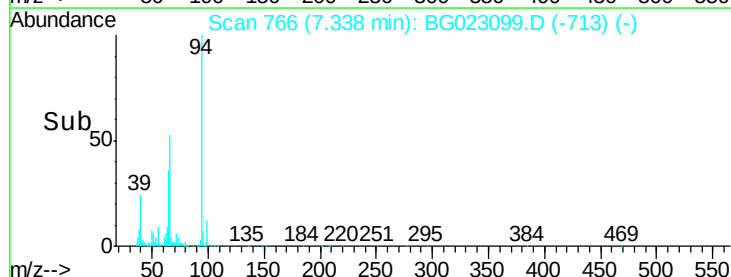
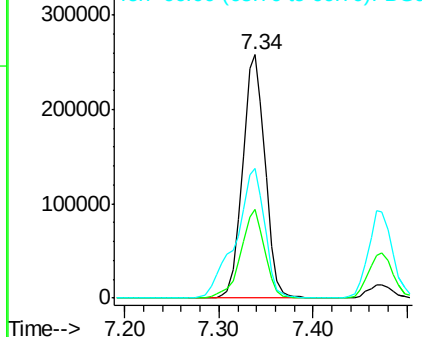
94 100

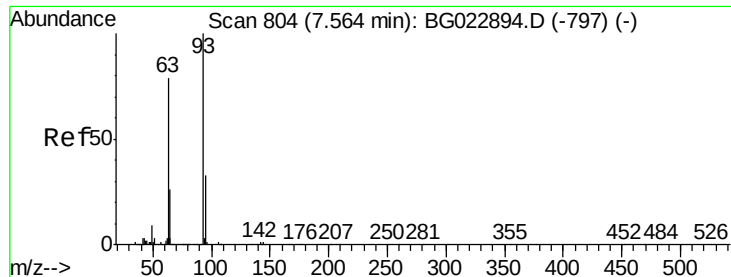
65 36.3 18.1 58.1

66 53.3 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

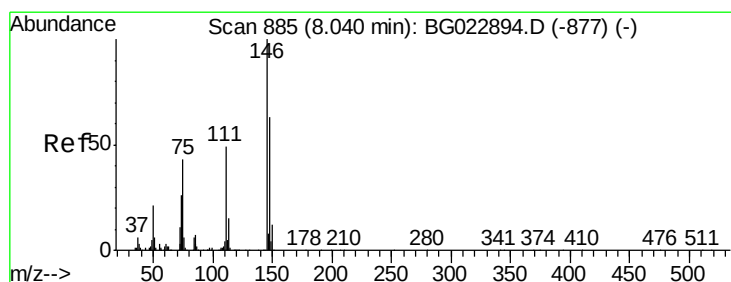
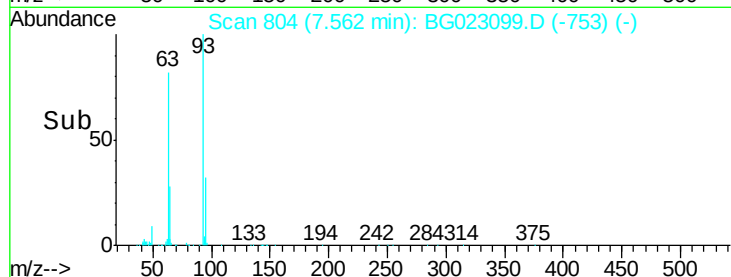
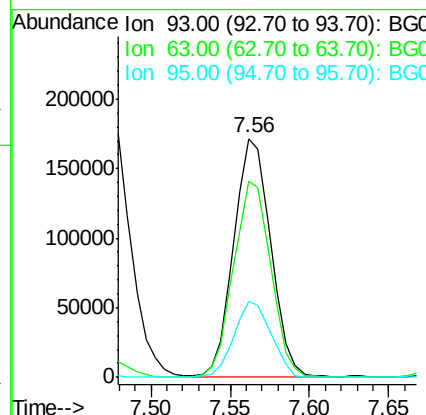
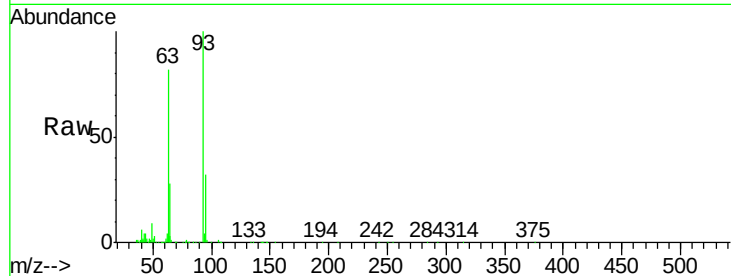




#11
bis(2-Chloroethyl)ether
Concen: 32.68 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

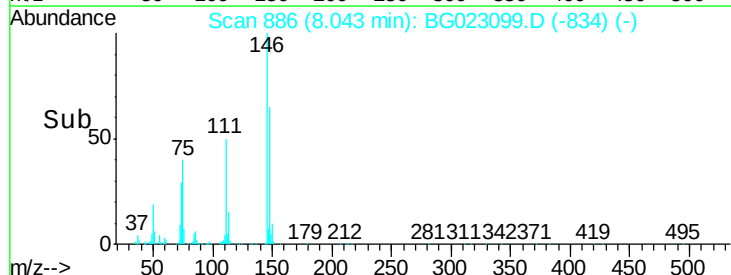
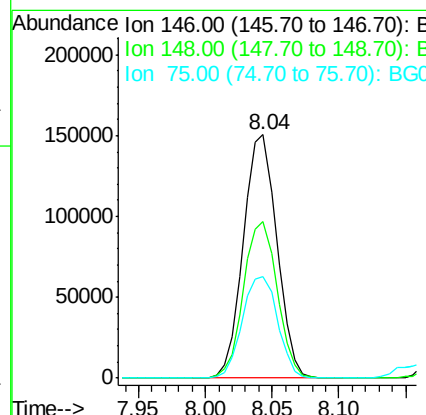
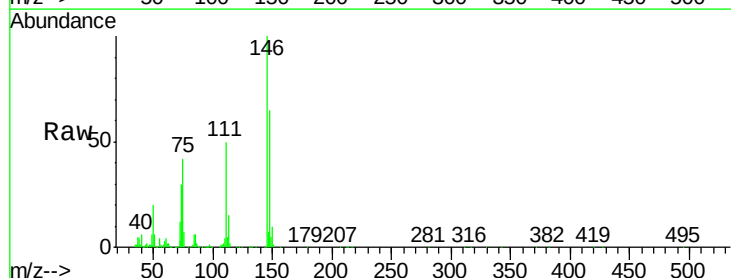
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

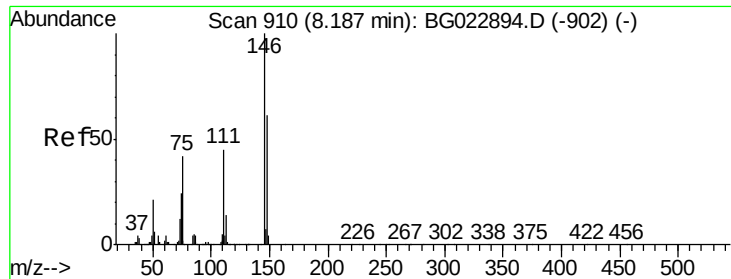
Tgt Ion: 93 Resp: 277232
Ion Ratio Lower Upper
93 100
63 82.4 55.0 95.0
95 31.7 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 30.27 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion: 146 Resp: 261892
Ion Ratio Lower Upper
146 100
148 64.5 50.3 75.5
75 41.6 37.0 55.6

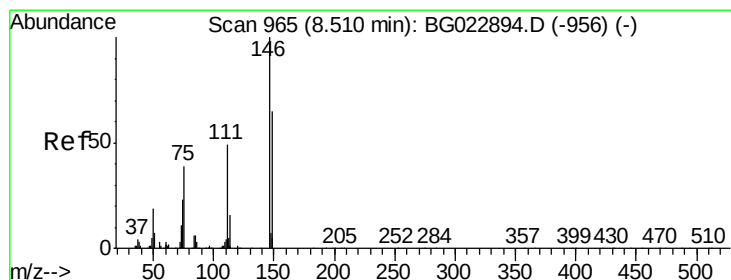
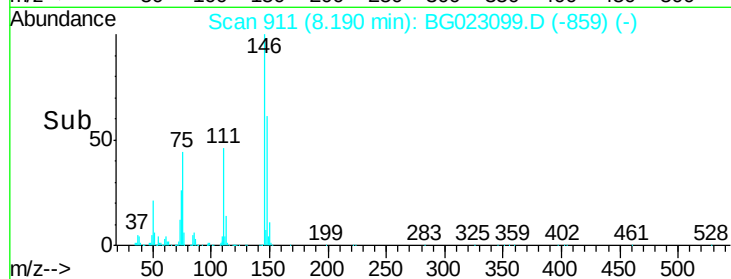
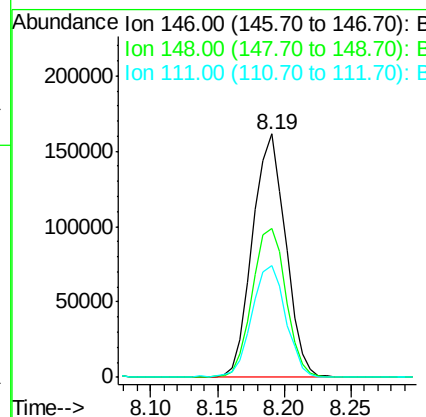
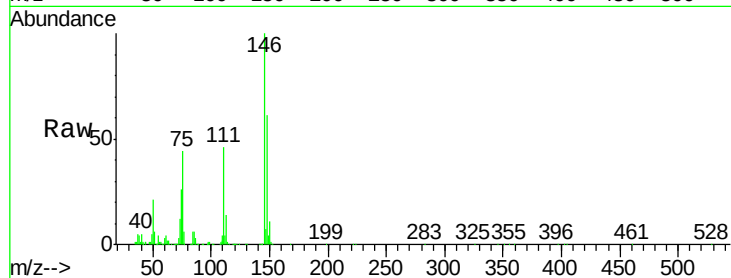




#13
 1,4-Dichlorobenzene
 Concen: 31.90 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

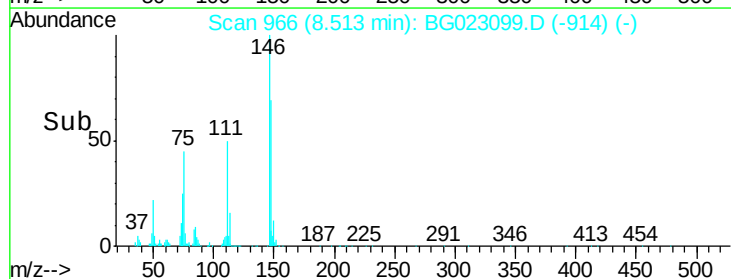
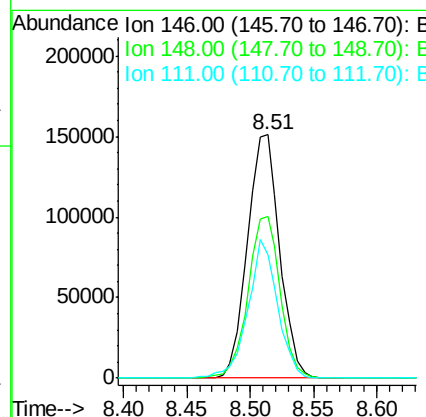
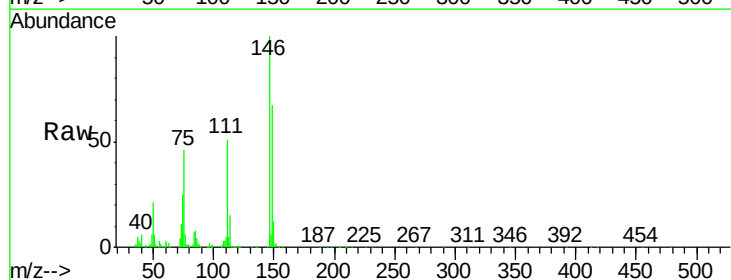
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

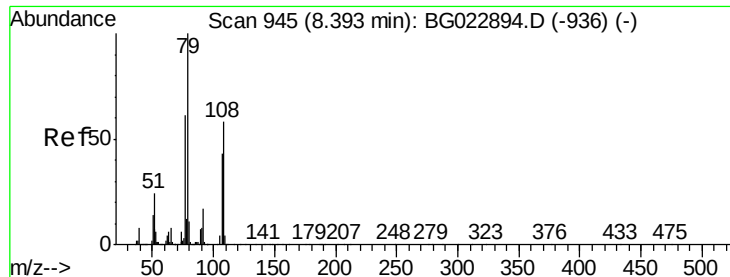
Tgt Ion:146 Resp: 276304
 Ion Ratio Lower Upper
 146 100
 148 61.2 54.5 81.7
 111 45.9 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 30.96 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:146 Resp: 266660
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.9 79.3
 111 50.6 43.5 65.3

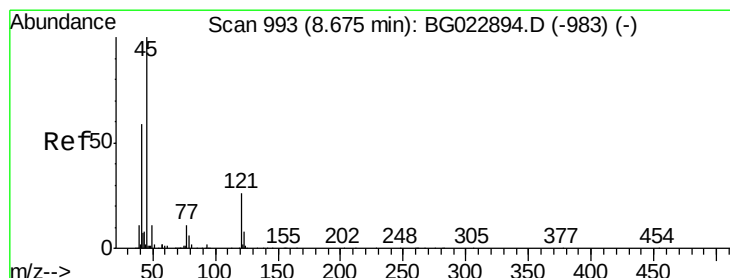
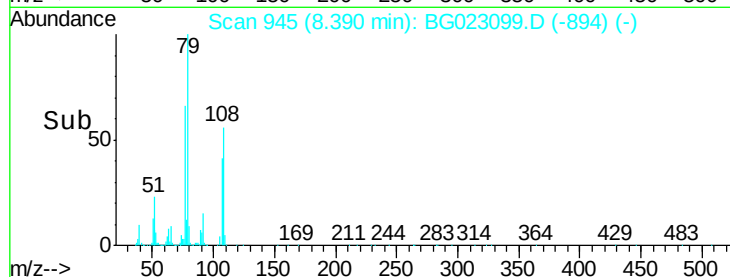
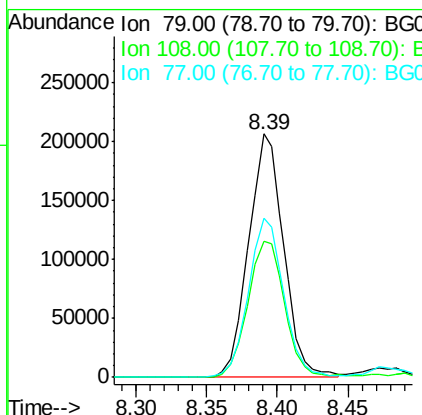
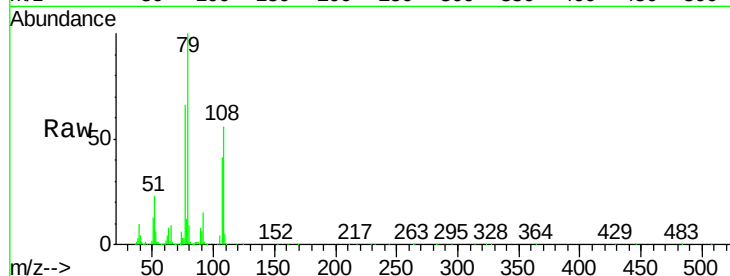




#15
Benzyl Alcohol
Concen: 37.79 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

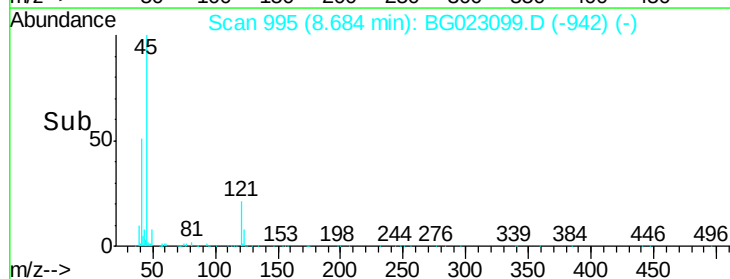
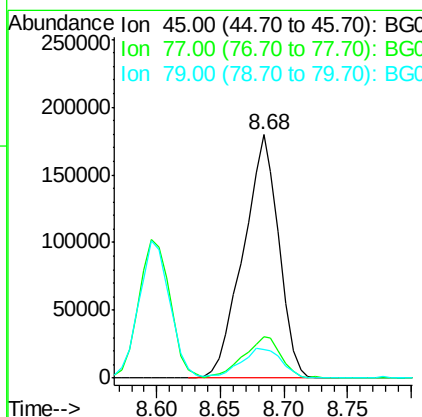
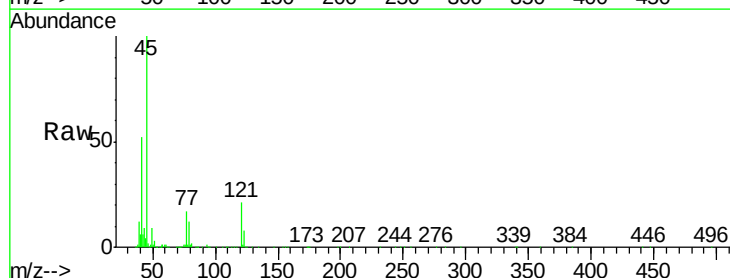
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

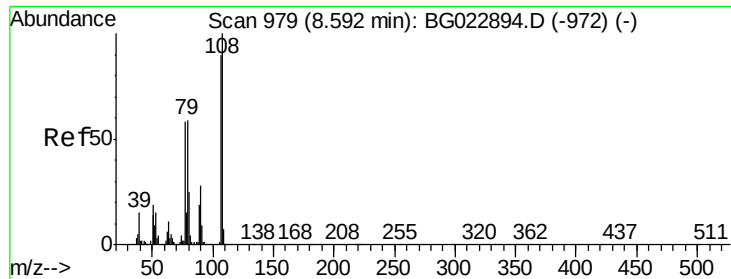
Tgt Ion: 79 Resp: 360128
Ion Ratio Lower Upper
79 100
108 56.0 46.5 69.7
77 65.6 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.71 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion: 45 Resp: 349334
Ion Ratio Lower Upper
45 100
77 17.2 0.6 40.6
79 11.9 0.0 36.2





#17

2-Methylphenol

Concen: 38.18 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tgt Ion:107 Resp: 266072

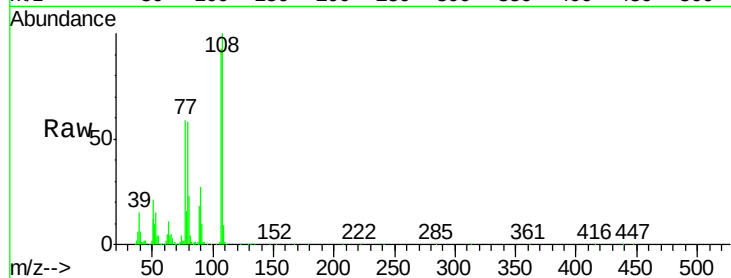
Ion Ratio Lower Upper

107 100

108 107.5 92.0 138.0

77 63.4 55.8 83.6

79 62.0 55.0 82.6

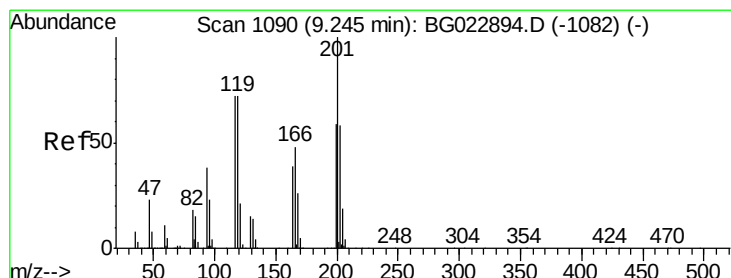
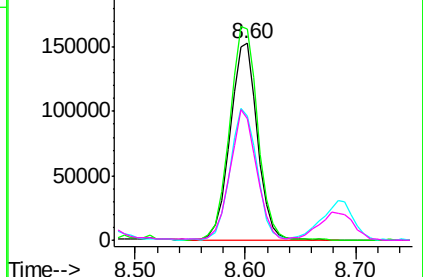
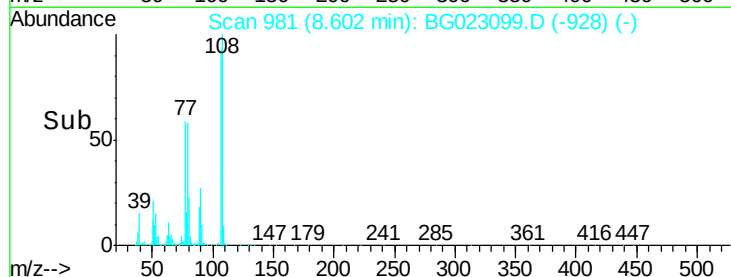


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 29.74 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

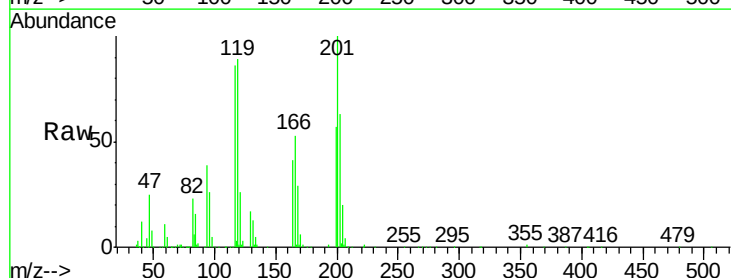
Tgt Ion:117 Resp: 108743

Ion Ratio Lower Upper

117 100

119 103.2 73.7 110.5

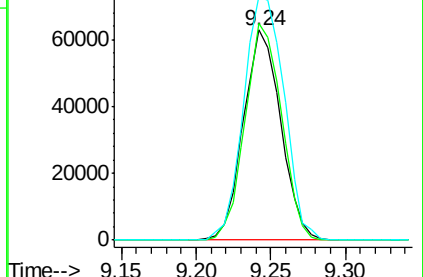
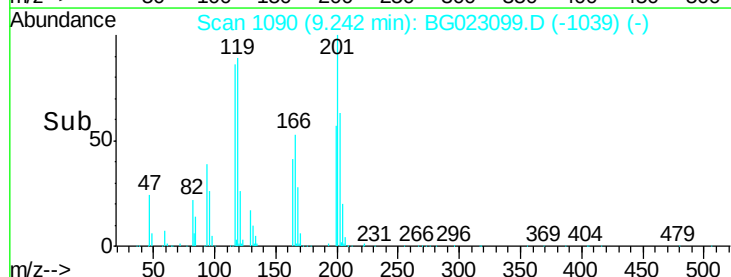
201 116.0 88.7 133.1

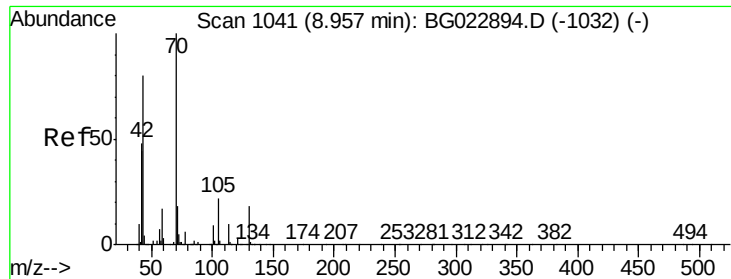


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

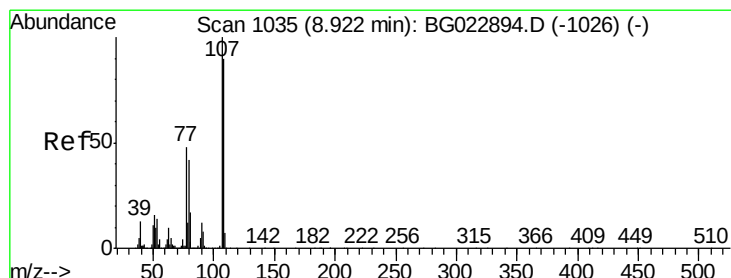
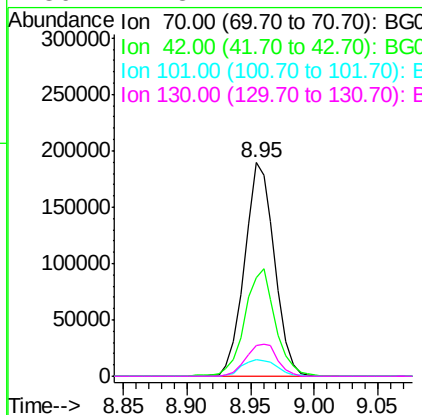
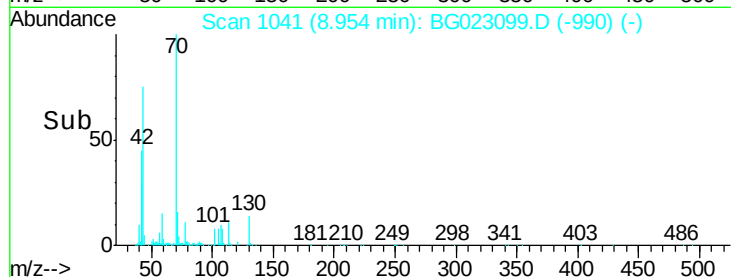
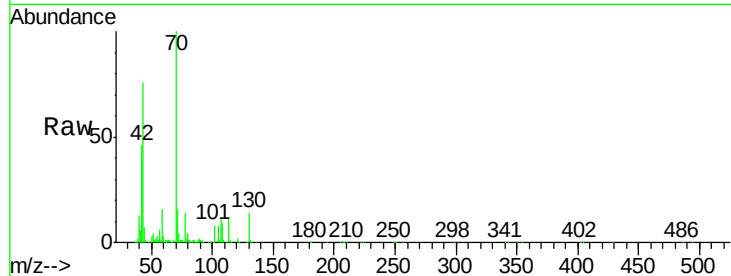




#19
n-Nitroso-di-n-propylamine
Concen: 32.91 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

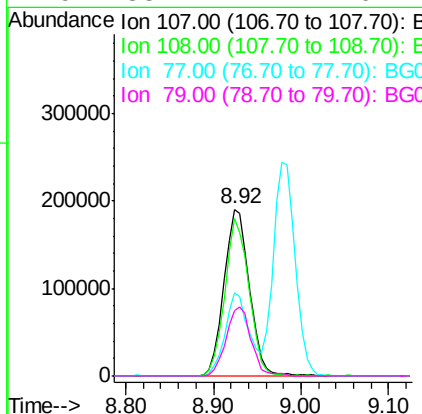
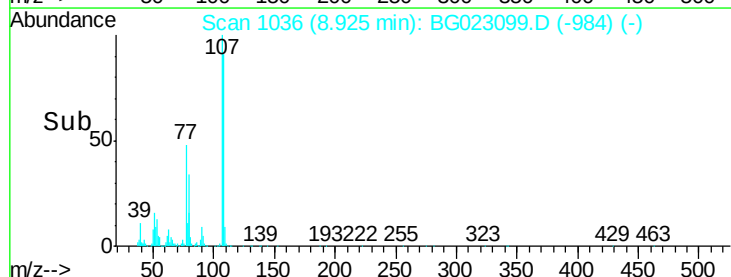
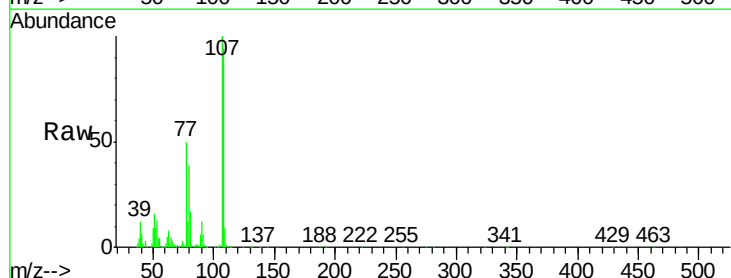
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

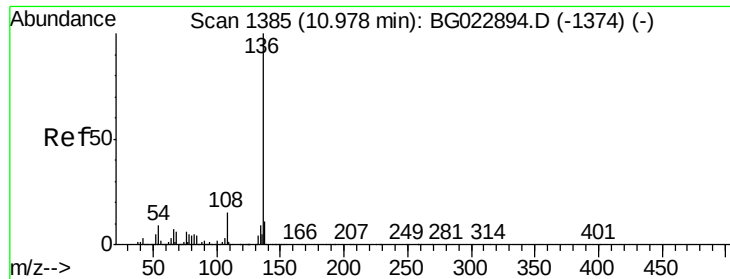
Tgt Ion:	70	Resp:	308692
Ion	Ratio	Lower	Upper
70	100		
42	46.2	42.1	63.1
101	7.5	7.2	10.8
130	14.3	14.2	21.2



#20
3+4-Methylphenols
Concen: 39.13 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:	107	Resp:	380259
Ion	Ratio	Lower	Upper
107	100		
108	94.1	72.5	112.5
77	49.5	30.1	70.1
79	38.7	24.2	64.2

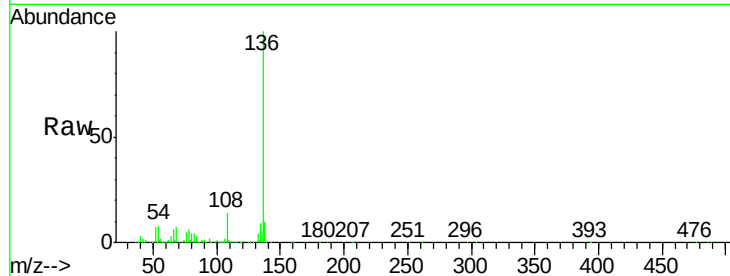




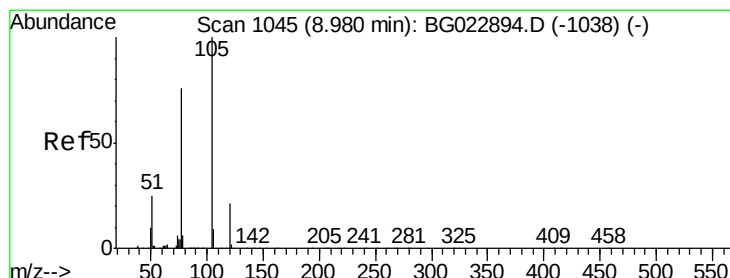
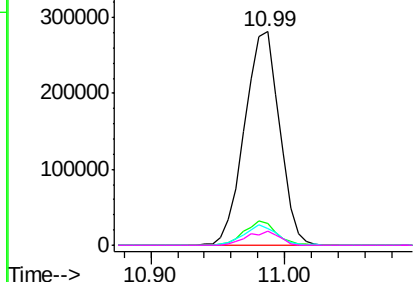
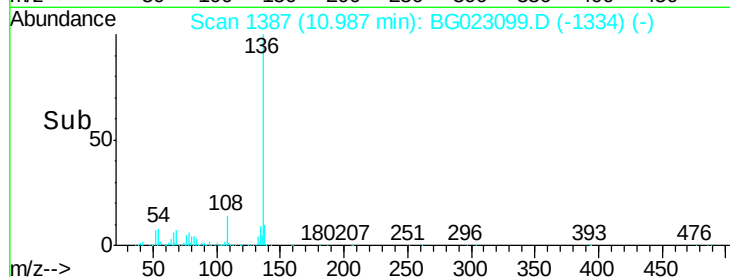
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

Tgt Ion:	136	Resp:	507639
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.6	14.4
54	8.0	7.3	10.9
68	6.8	5.3	7.9

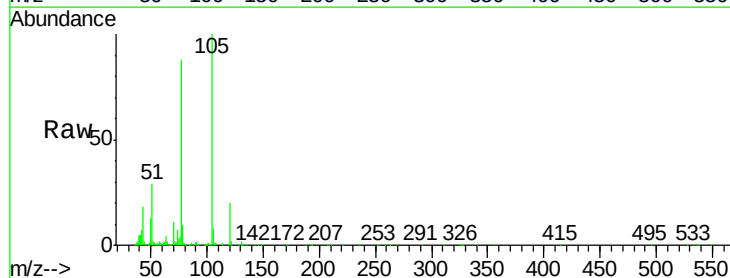


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

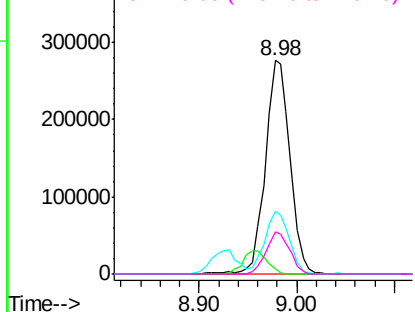
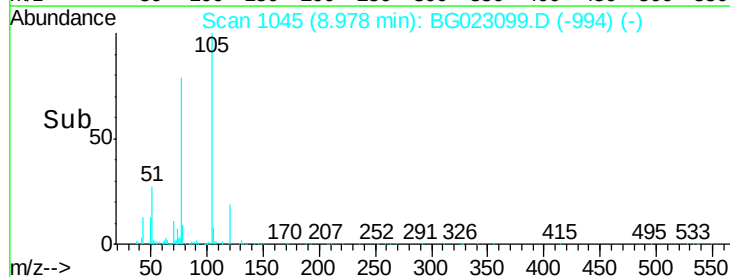


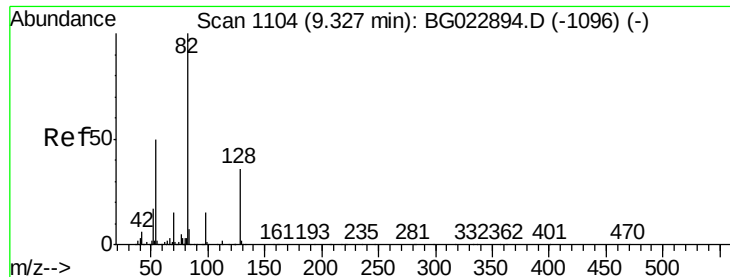
#22
Acetophenone
Concen: 32.07 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:	105	Resp:	488574
Ion Ratio	Lower	Upper	
105	100		
71	2.2	2.6	3.8#
51	29.3	27.1	40.7
120	19.6	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

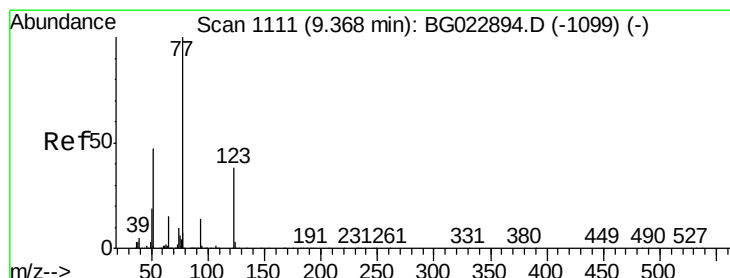
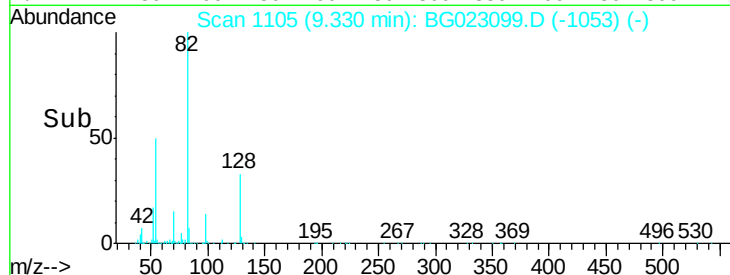
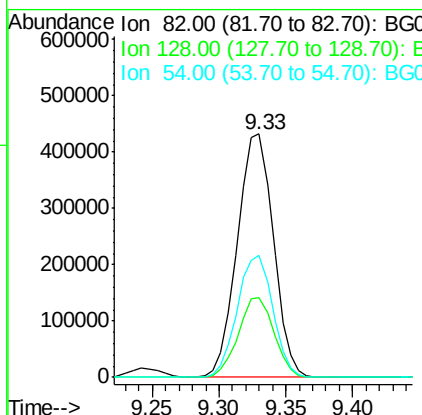
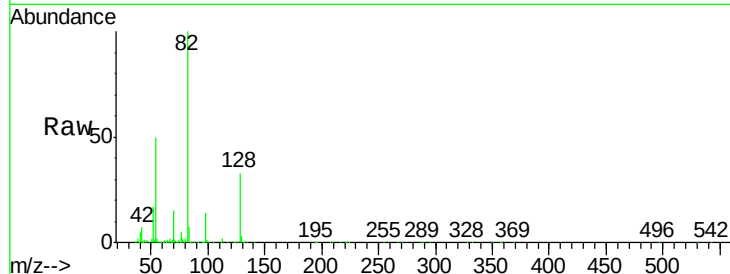




#23
 Nitrobenzene-d5
 Concen: 68.45 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

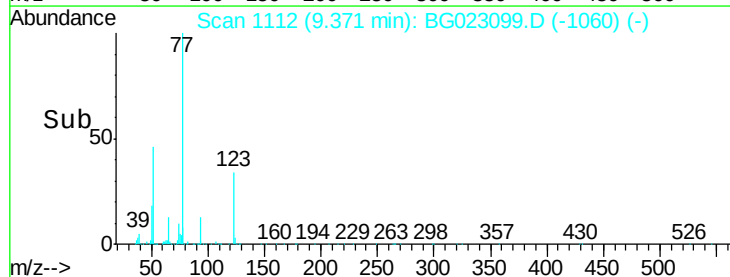
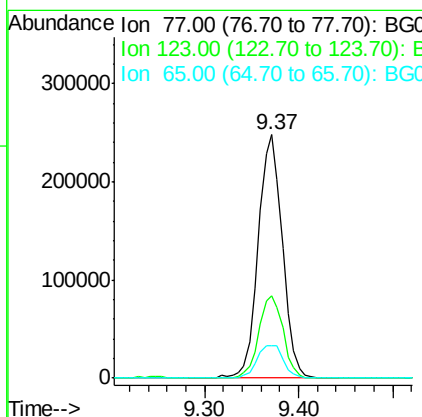
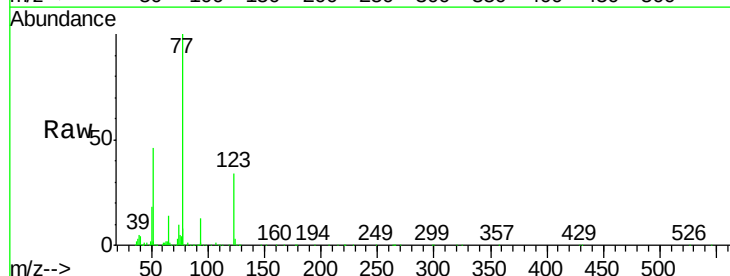
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

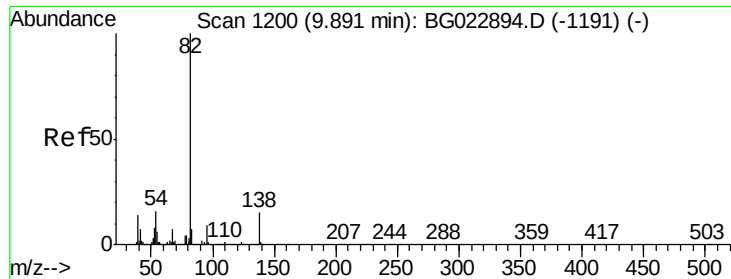
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	50.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 34.97 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.7	25.0	37.6
65	13.5	13.4	20.0





#25

Isophorone

Concen: 33.39 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

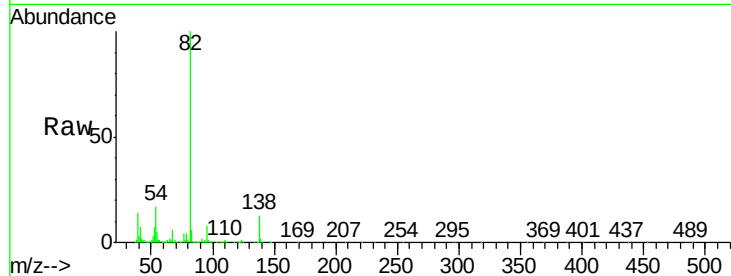
Tgt Ion: 82 Resp: 796279

Ion Ratio Lower Upper

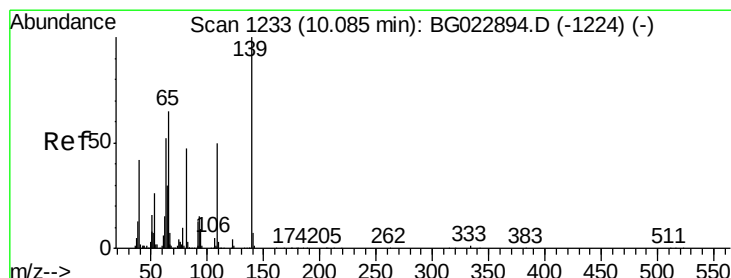
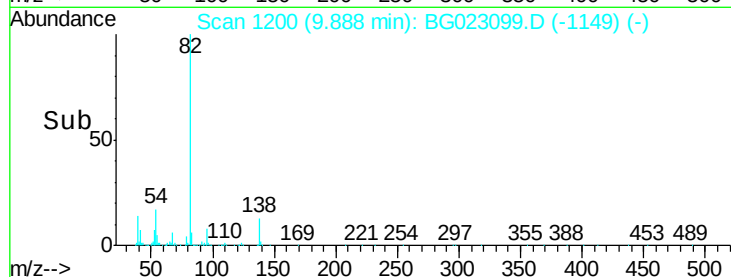
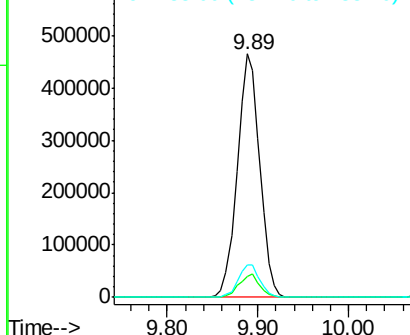
82 100

95 8.3 8.2 12.2

138 13.5 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: 33.79 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

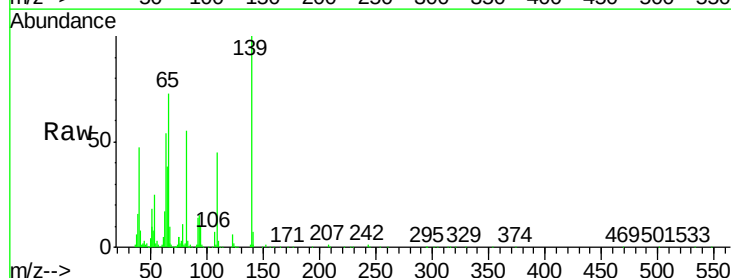
Tgt Ion: 139 Resp: 167024

Ion Ratio Lower Upper

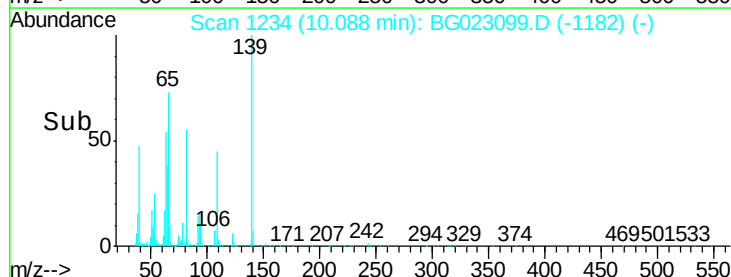
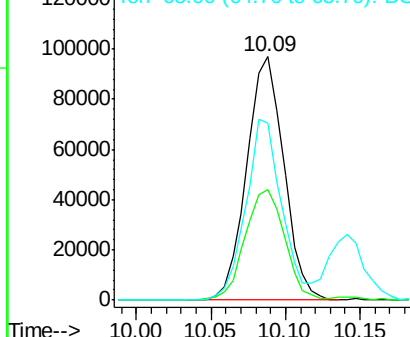
139 100

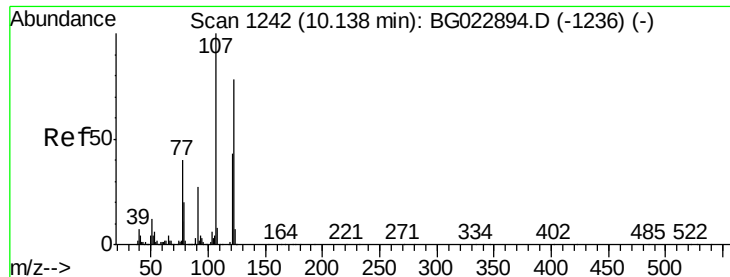
109 45.3 43.5 65.3

65 72.7 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

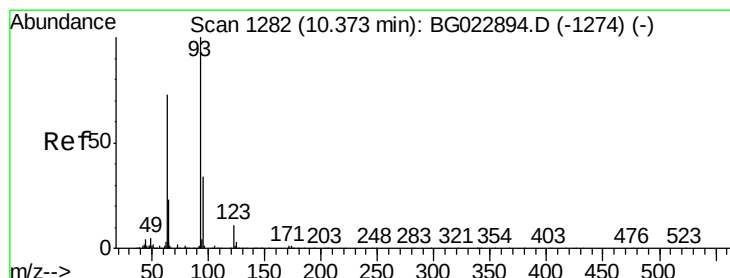
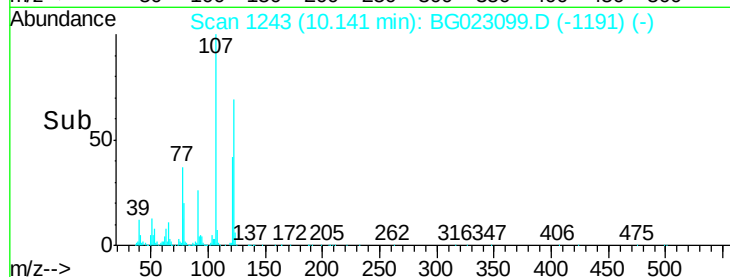
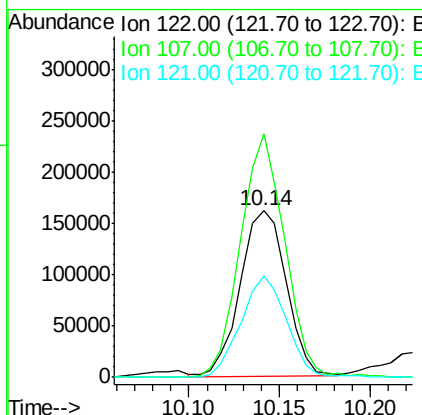
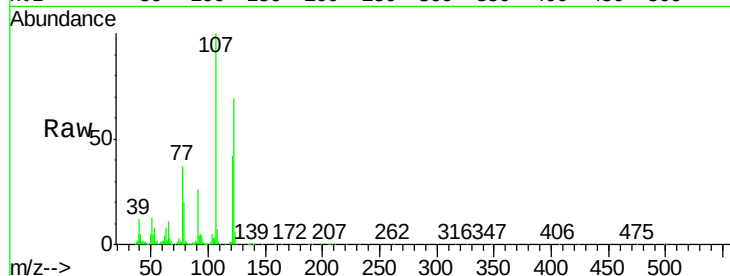




#27
2,4-Dimethylphenol
Concen: 33.50 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

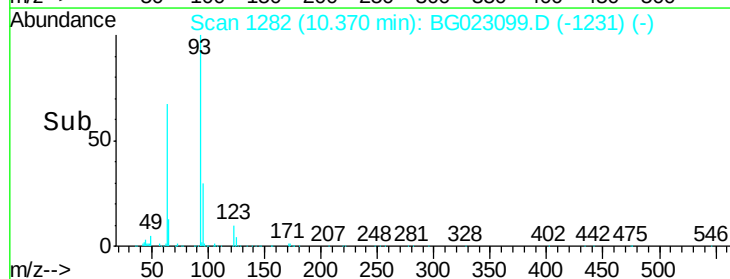
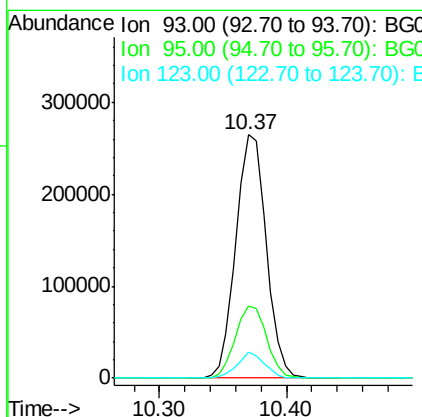
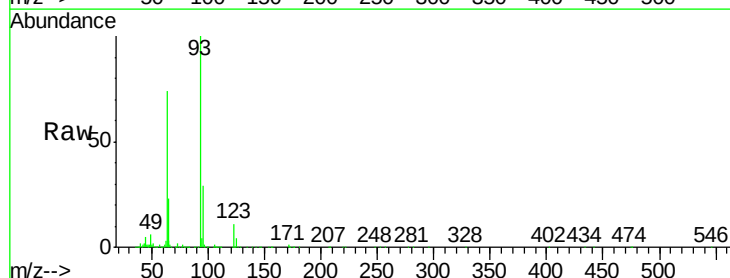
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

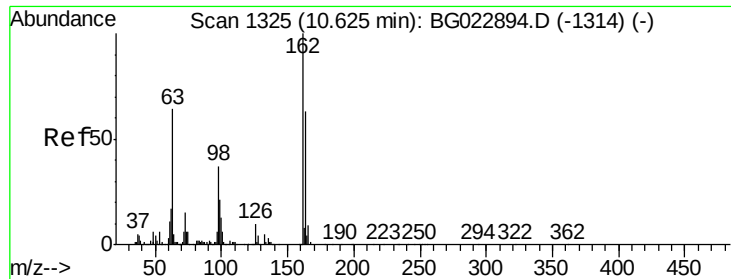
Tgt Ion	Ratio	Lower	Upper
122	100		
107	146.0	117.0	175.4
121	60.8	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 33.09 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.5	25.4	38.2
123	10.5	8.2	12.2

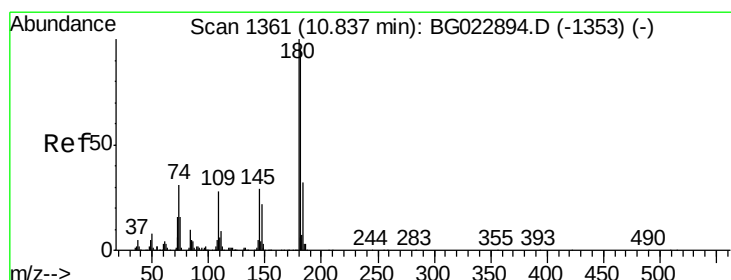
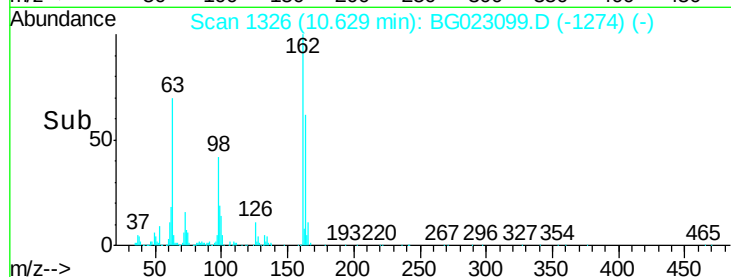
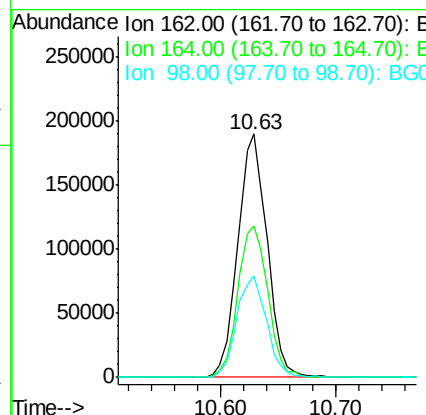
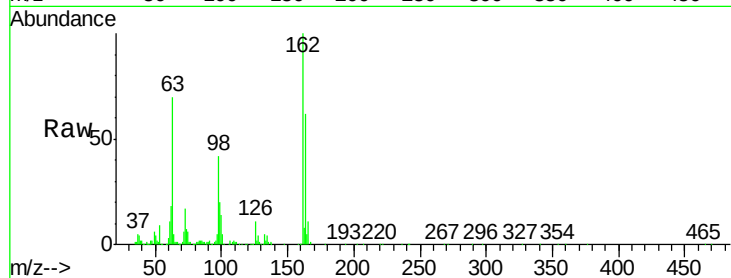




#29
2,4-Dichlorophenol
Concen: 36.49 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

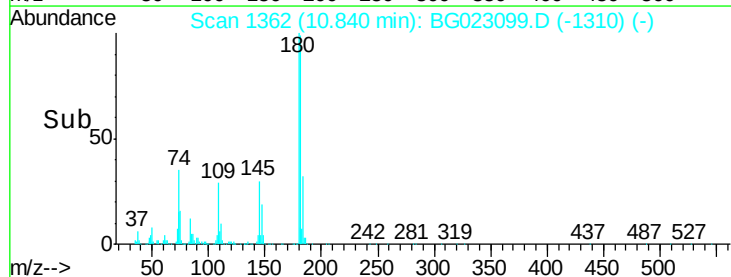
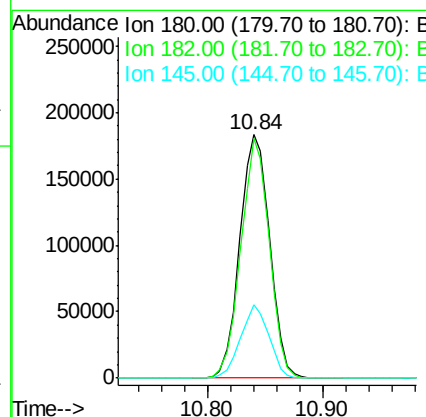
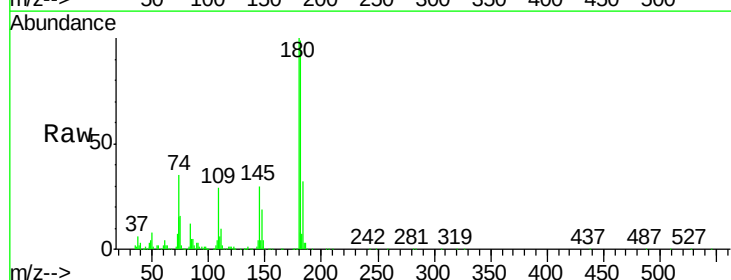
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

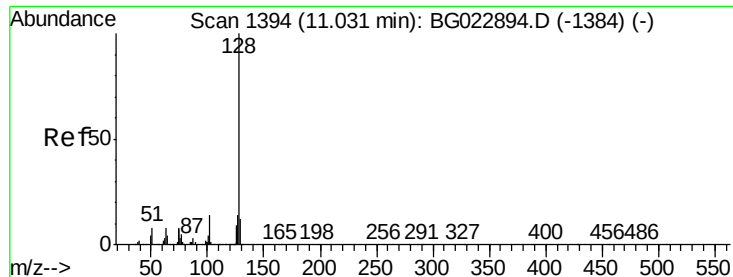
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.3	84.3
98	41.8	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 31.36 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	73.8	110.8
145	30.3	24.4	36.6

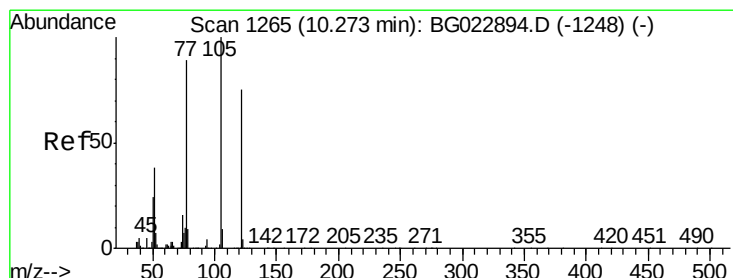
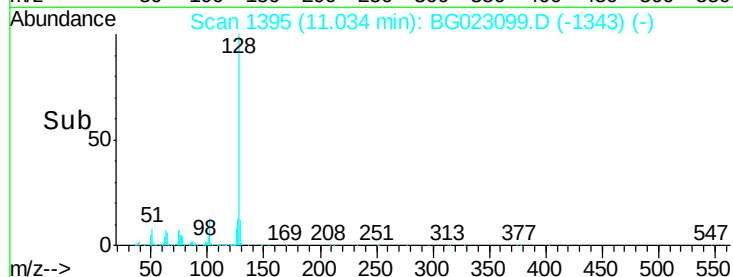
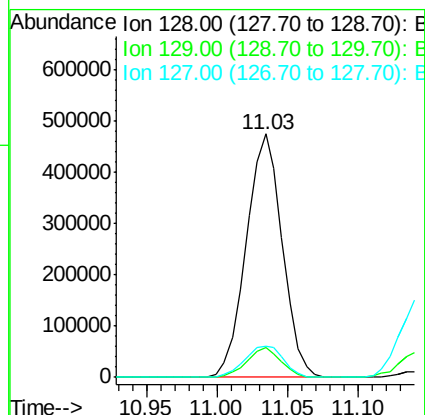
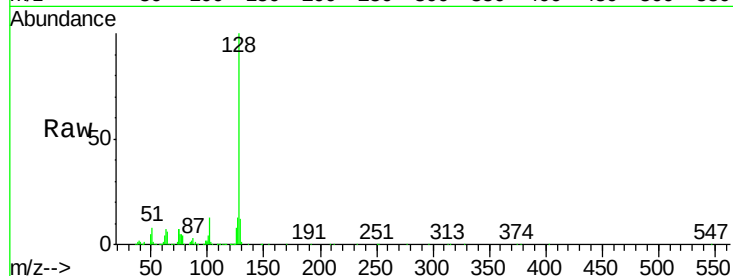




#31
Naphthalene
Concen: 32.83 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

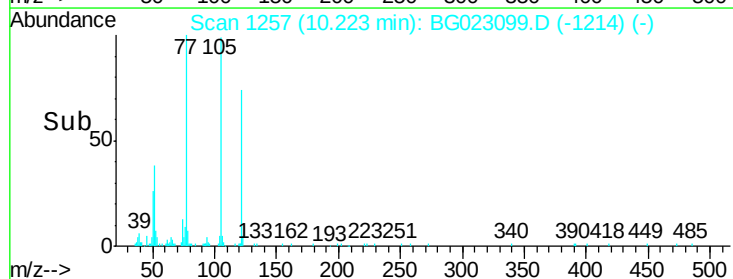
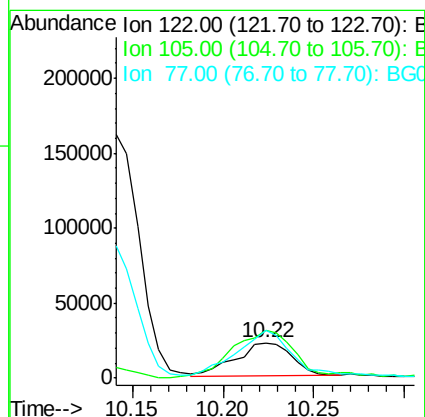
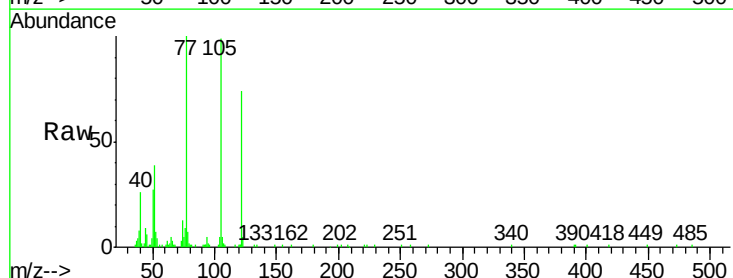
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

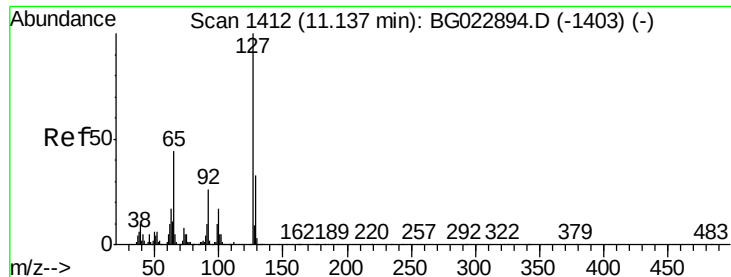
Tgt Ion:128 Resp: 848495
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 12.7 11.3 16.9



#32
Benzoic acid
Concen: 5.98 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:122 Resp: 46502
Ion Ratio Lower Upper
122 100
105 133.4 117.2 157.2
77 134.6 109.2 149.2

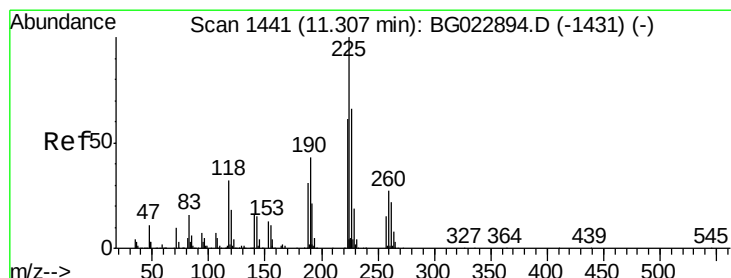
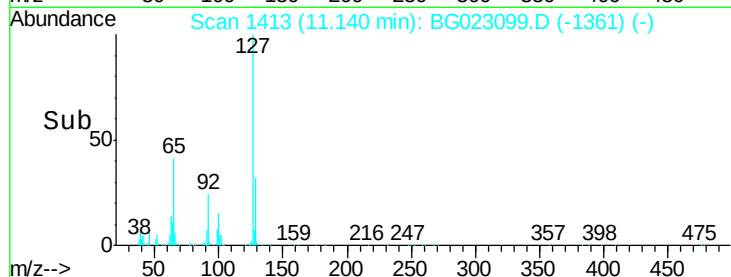
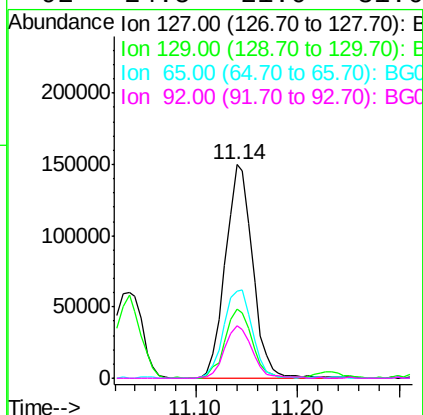
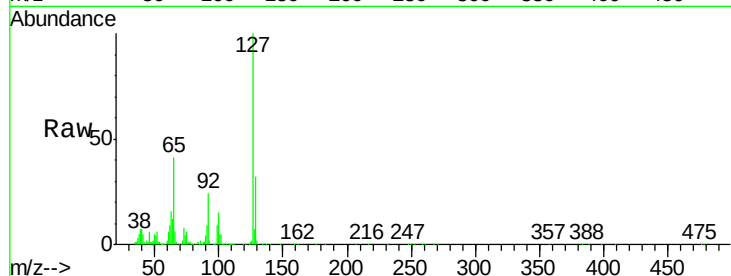




#33
 4-Chloroaniline
 Concen: 22.26 ng
 RT: 11.14 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

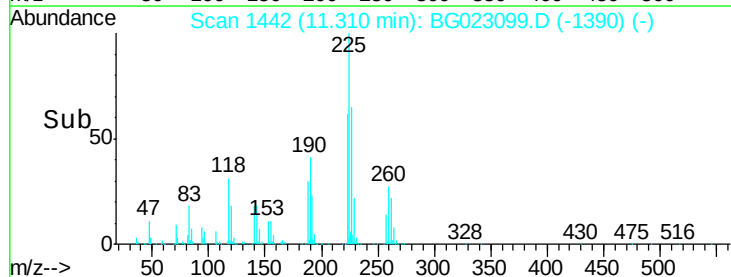
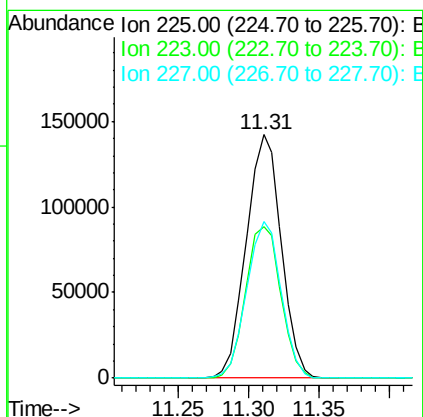
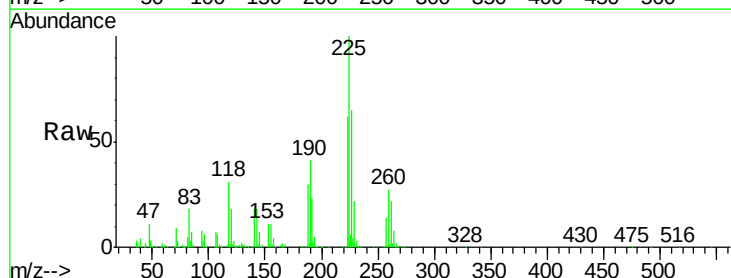
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

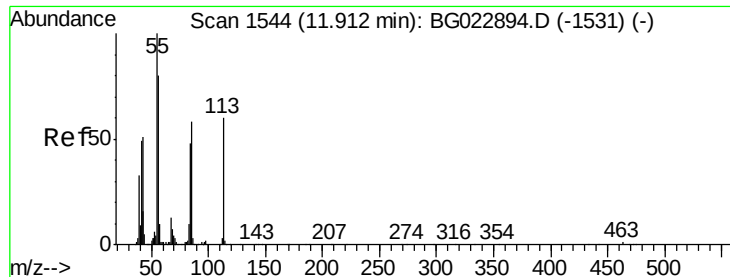
Tgt Ion:	127	Resp:	281318
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.9	41.9
65	40.8	36.8	55.2
92	24.5	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 29.19 ng
 RT: 11.31 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:	225	Resp:	247151
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.6	74.4
227	64.5	54.5	81.7

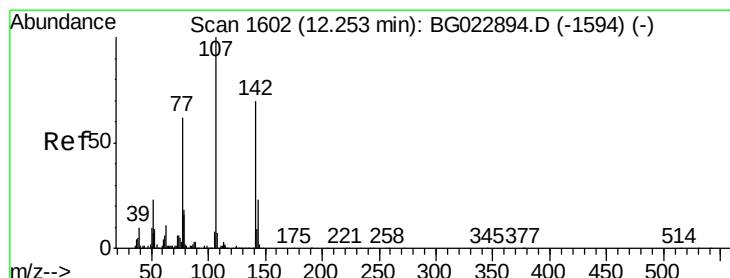
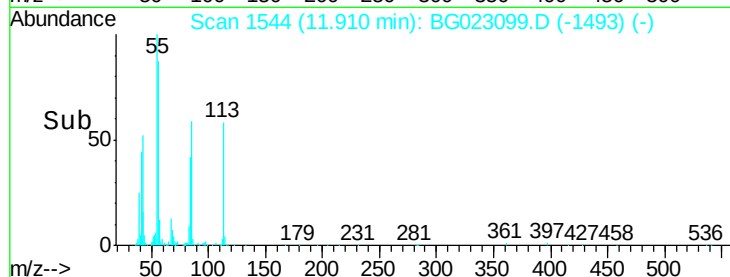
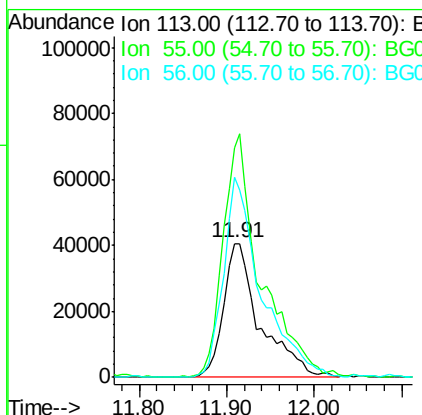
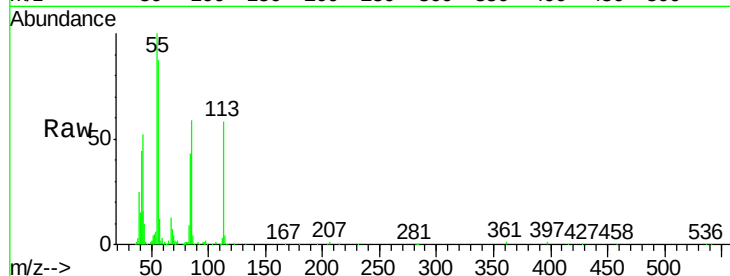




#35
 Caprolactam
 Concen: 30.98 ng
 RT: 11.91 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

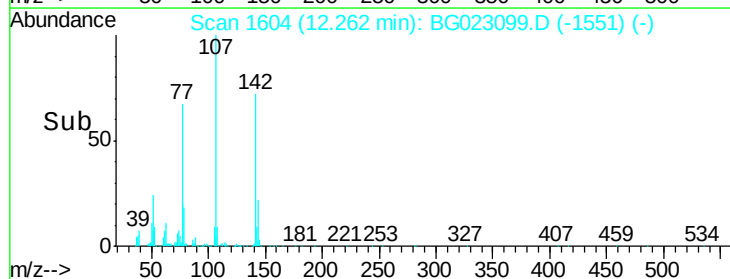
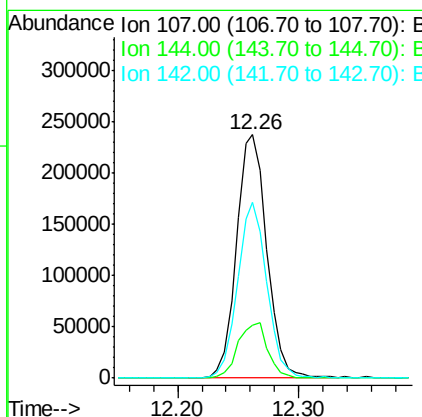
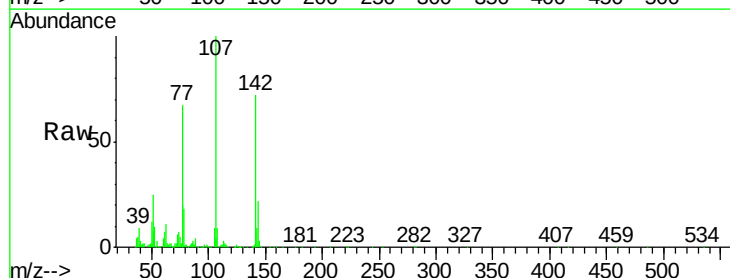
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

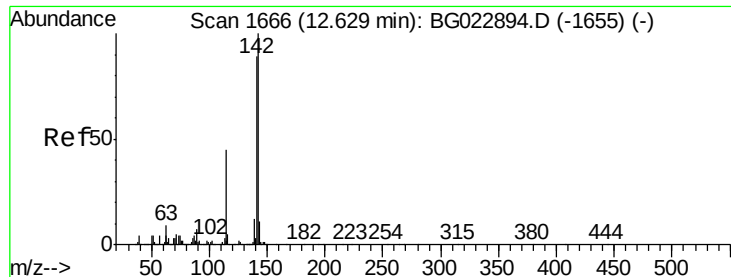
Tgt Ion:113 Resp: 116138
 Ion Ratio Lower Upper
 113 100
 55 171.8 154.5 194.5
 56 149.8 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 33.32 ng
 RT: 12.26 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:107 Resp: 415269
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.0 25.6
 142 72.3 53.0 79.6

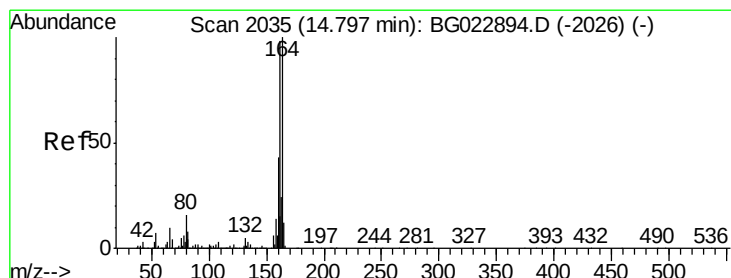
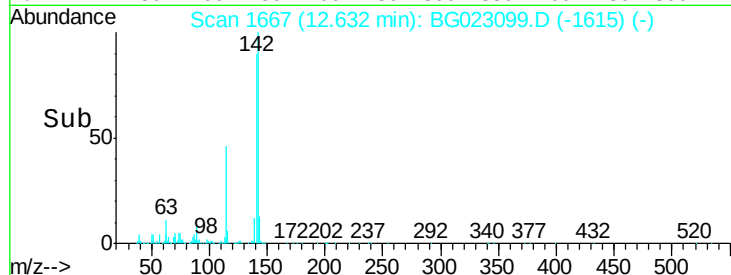
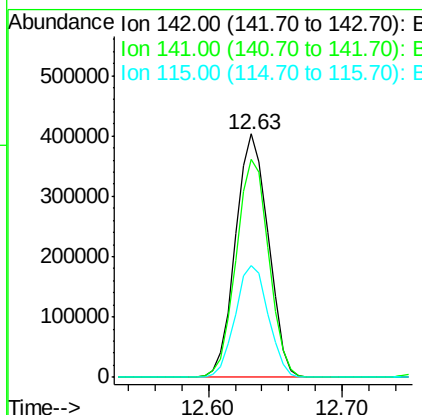
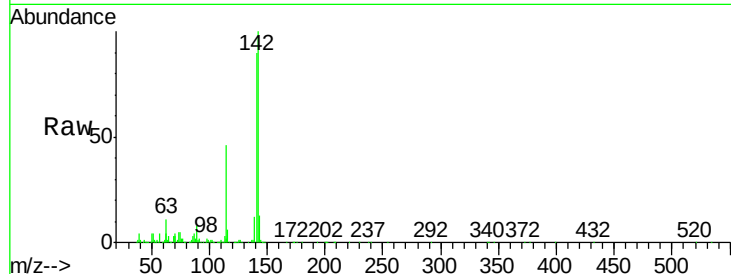




#37
 2-Methylnaphthalene
 Concen: 33.58 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

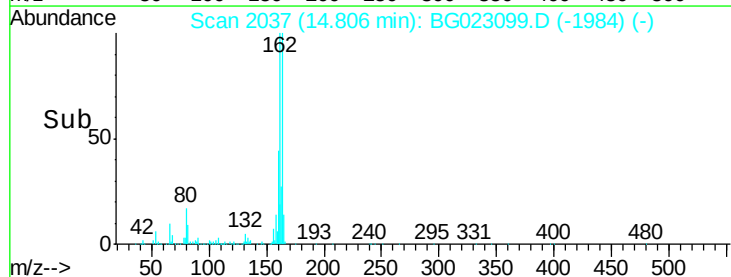
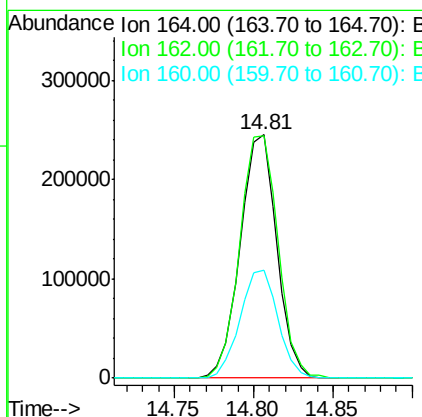
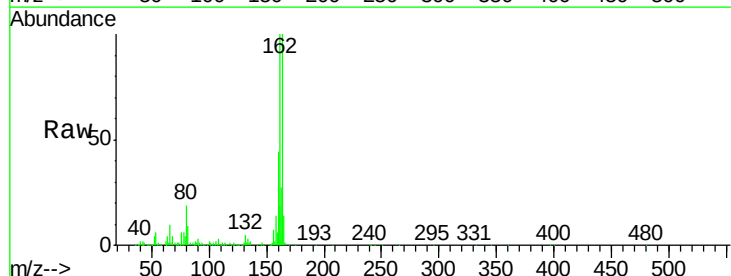
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

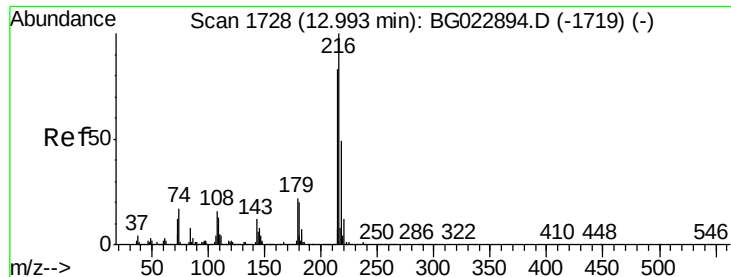
Tgt Ion:142 Resp: 685809
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.2 105.2
 115 45.7 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:164 Resp: 391205
 Ion Ratio Lower Upper
 164 100
 162 99.8 87.7 131.5
 160 44.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.94 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tgt Ion:216 Resp: 437364

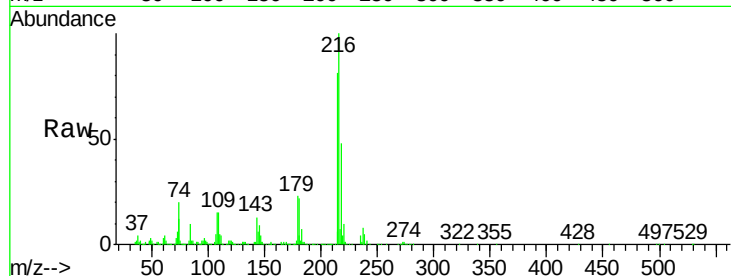
Ion Ratio Lower Upper

216 100

214 80.2 62.9 94.3

179 21.8 17.2 25.8

108 19.6 16.3 24.5

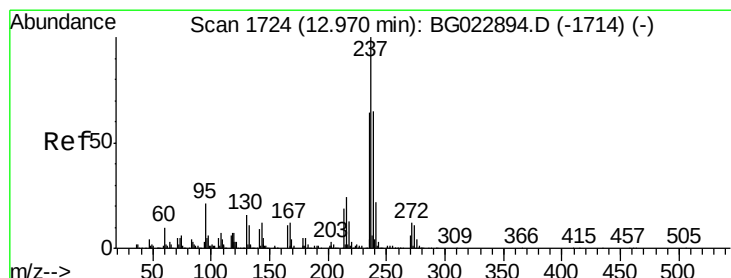
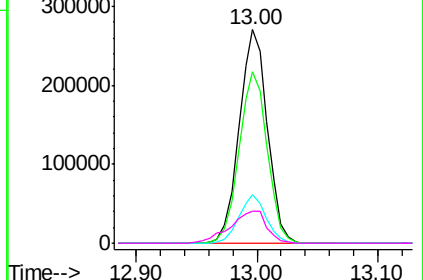
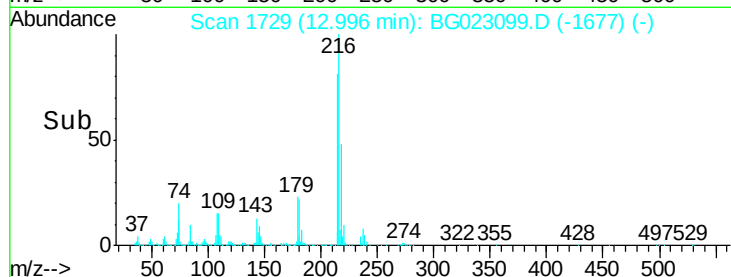


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.58 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

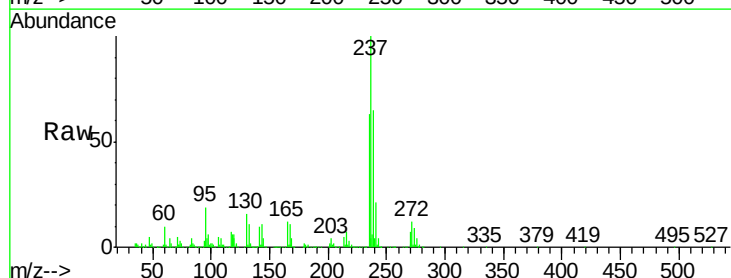
Tgt Ion:237 Resp: 519973

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

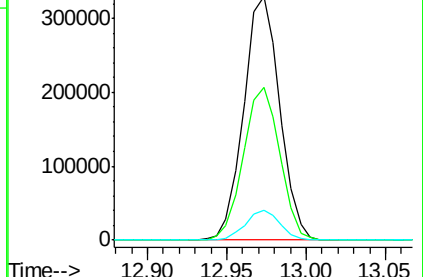
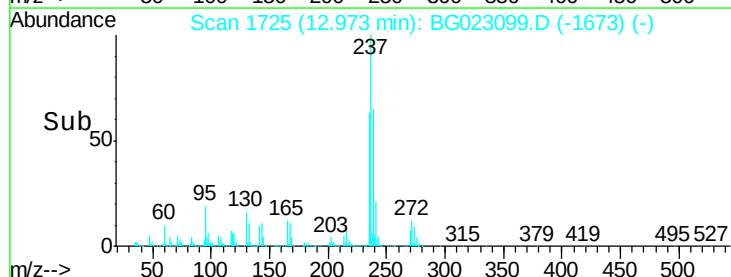
272 12.1 0.0 30.9

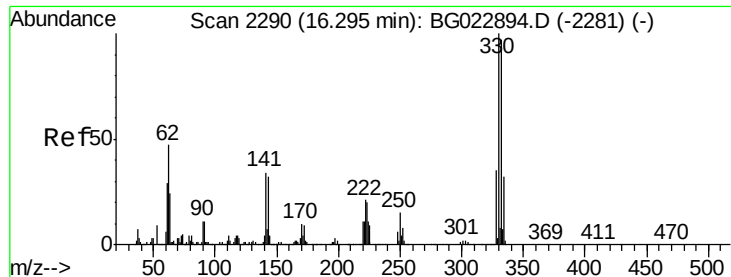


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

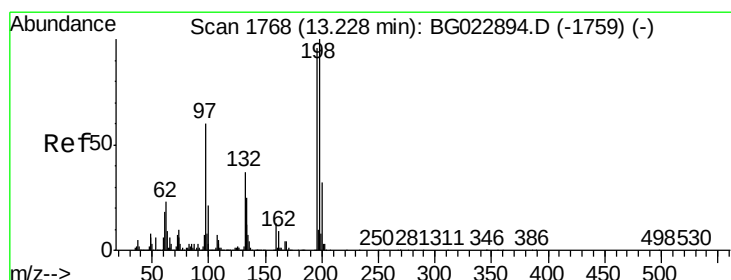
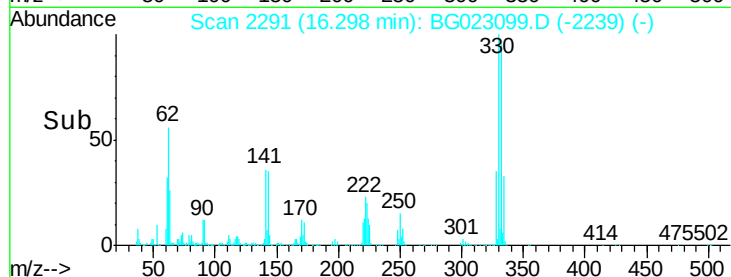
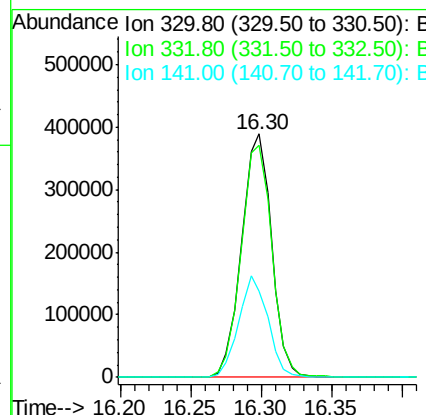
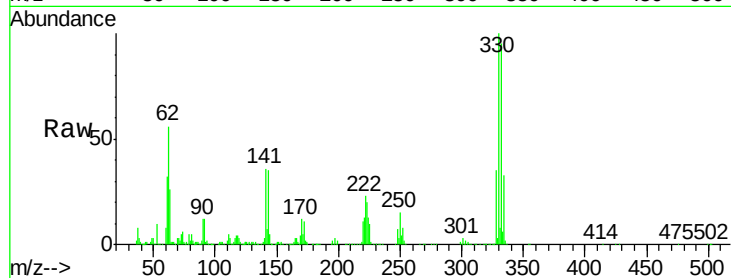




#41
 2,4,6-Tribromophenol
 Concen: 82.17 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

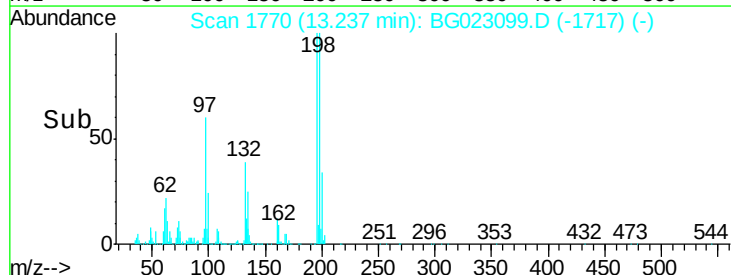
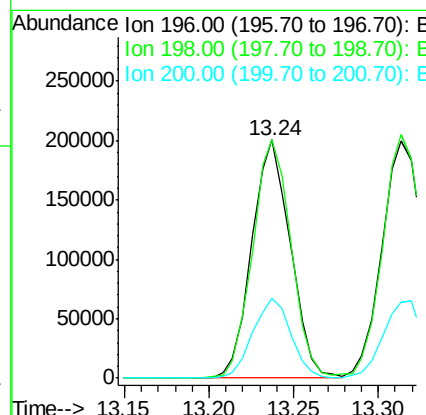
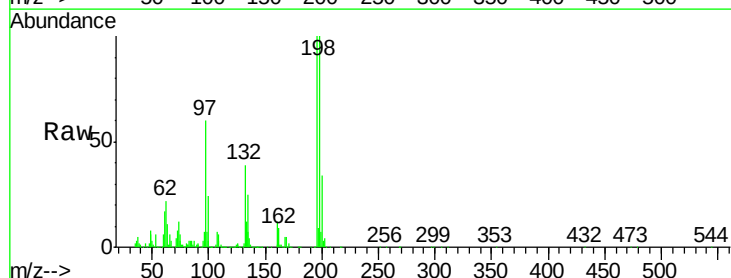
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

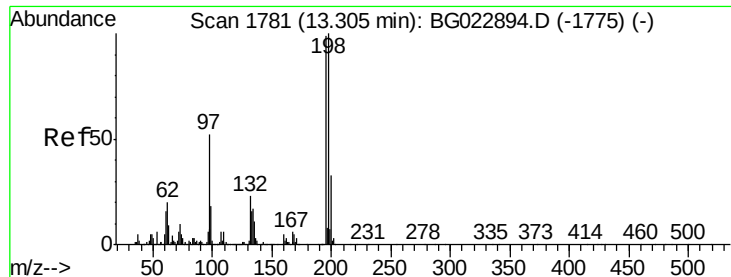
Tgt Ion:330 Resp: 577700
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 40.7 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 32.93 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:196 Resp: 319041
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 200 33.6 27.0 40.4

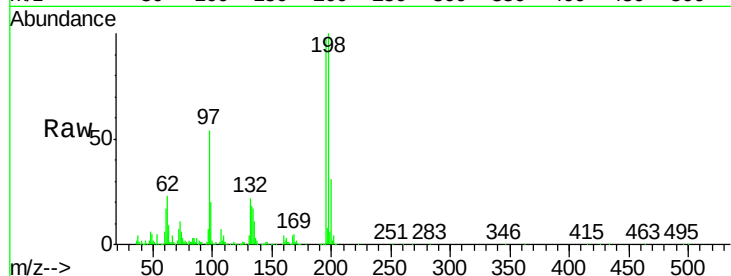




#43
 2,4,5-Trichlorophenol
 Concen: 34.49 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.4	85.7	128.5
97	55.6	45.5	68.3
132	23.0	18.9	28.3



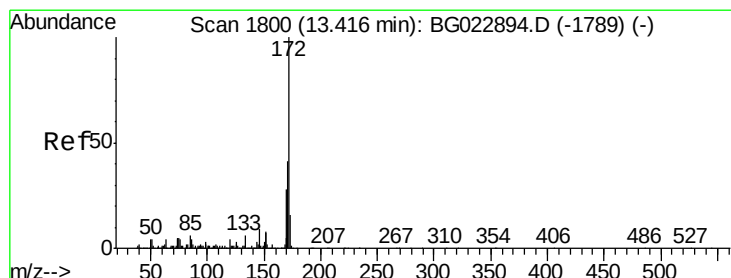
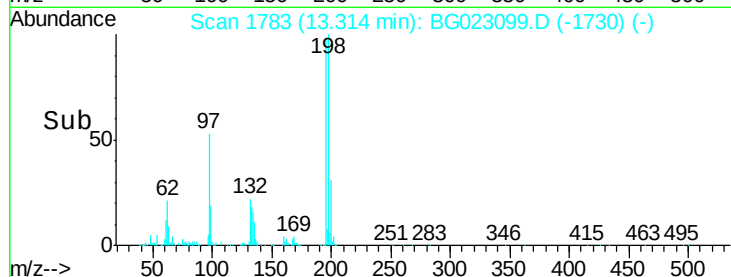
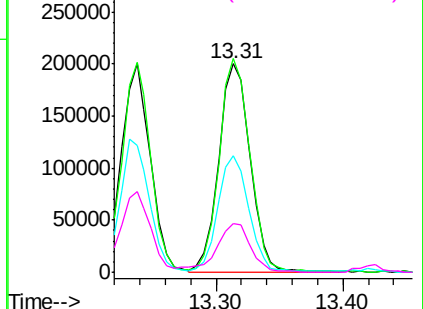
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

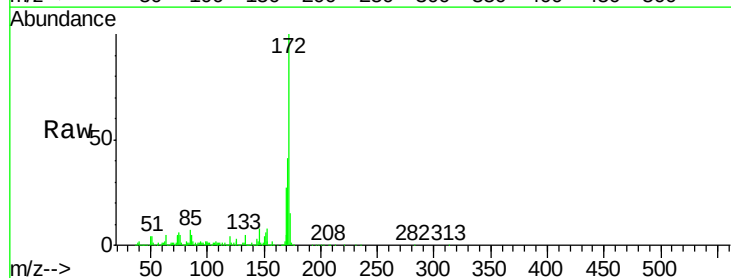
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.42 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	26.9	21.3	31.9

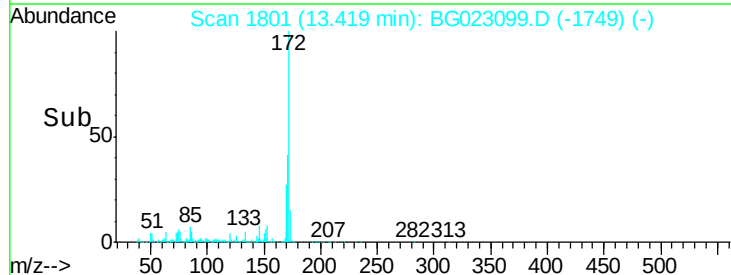
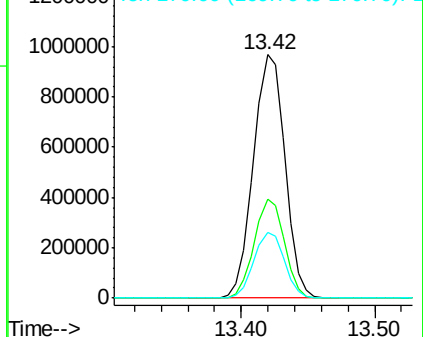


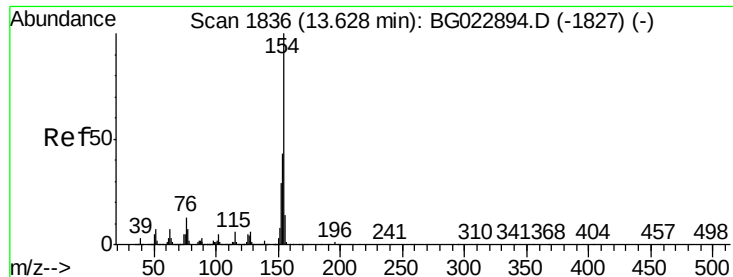
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

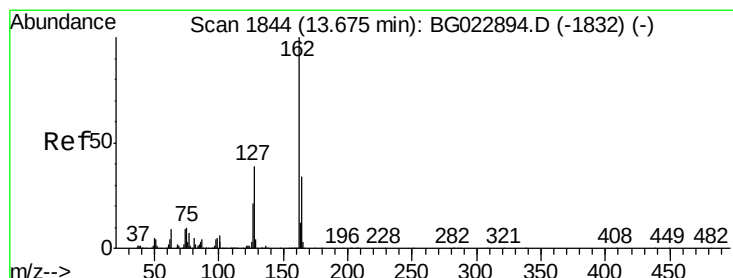
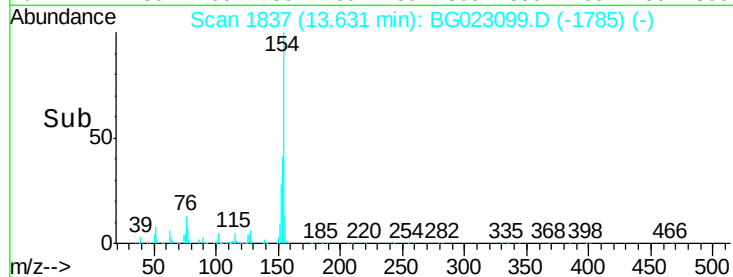
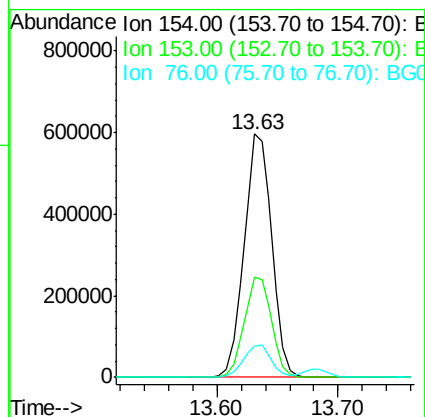
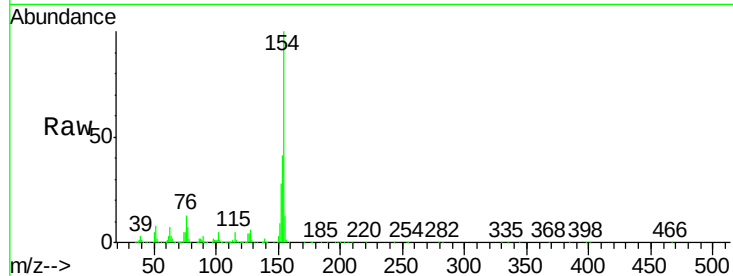




#45
 1,1'-Biphenyl
 Concen: 32.35 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

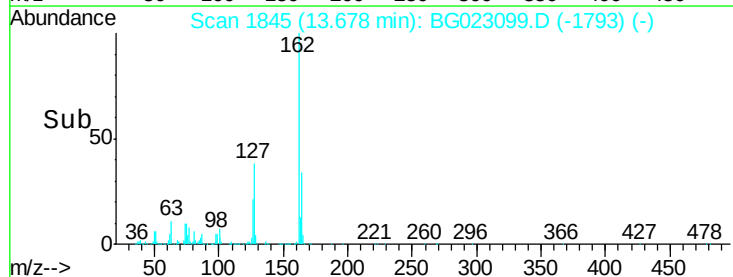
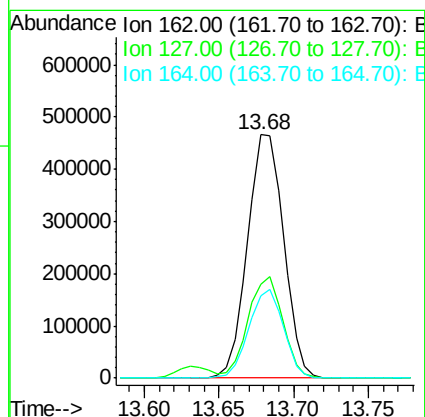
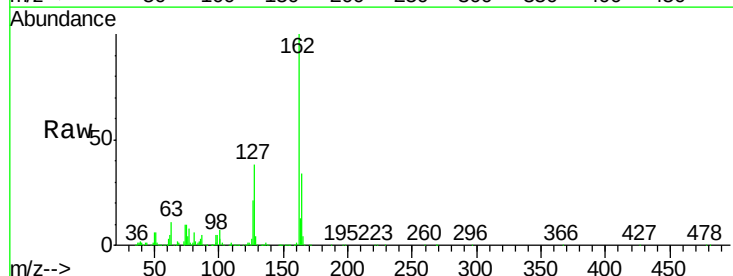
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

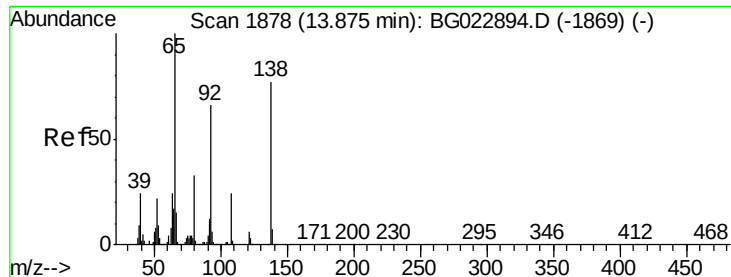
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	13.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 32.86 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.4	48.6
164	33.8	25.2	37.8





#47

2-Nitroaniline

Concen: 33.65 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

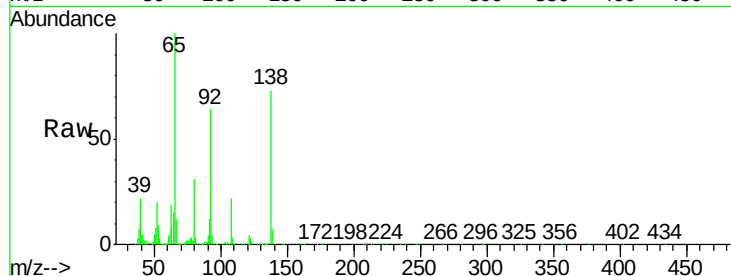
Tgt Ion: 65 Resp: 341893

Ion Ratio Lower Upper

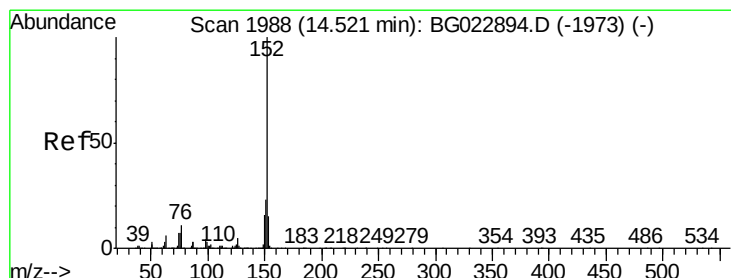
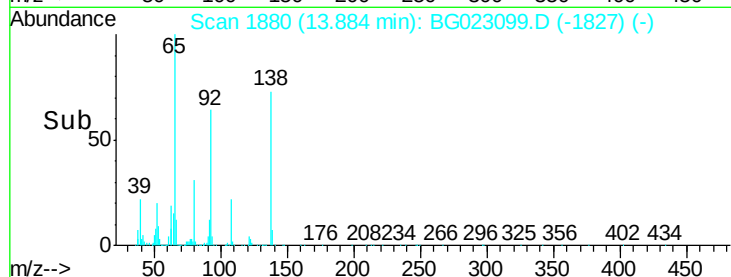
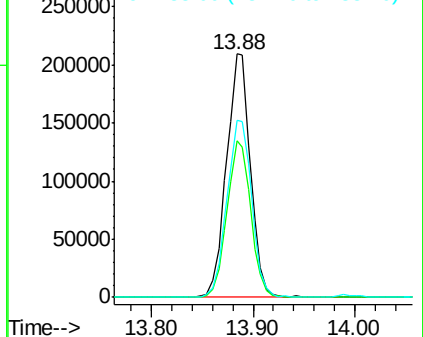
65 100

92 64.4 49.4 74.0

138 72.6 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: 32.92 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

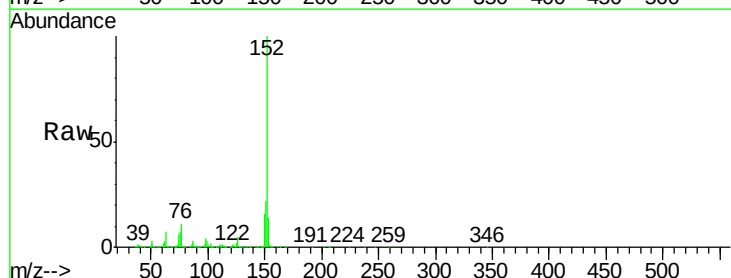
Tgt Ion: 152 Resp: 1175785

Ion Ratio Lower Upper

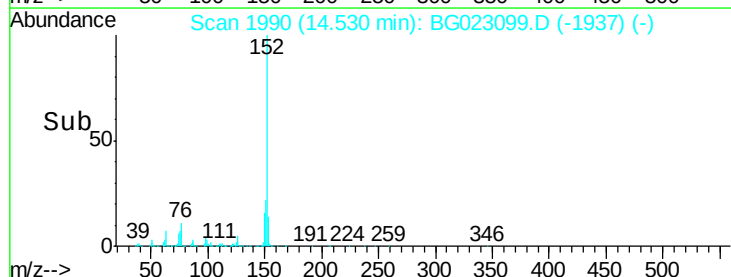
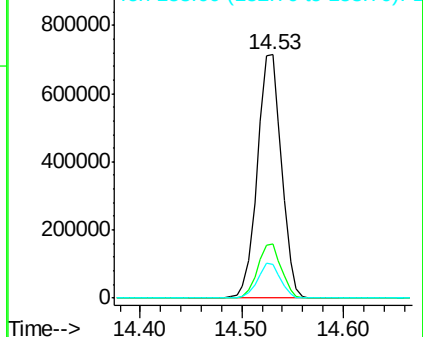
152 100

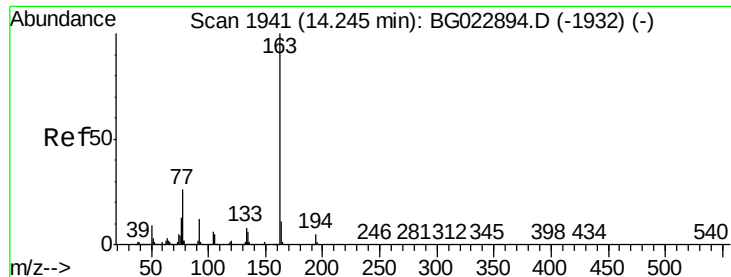
151 22.1 17.6 26.4

153 14.0 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: 55.95 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

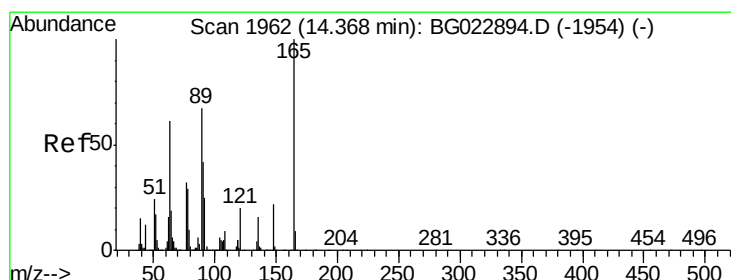
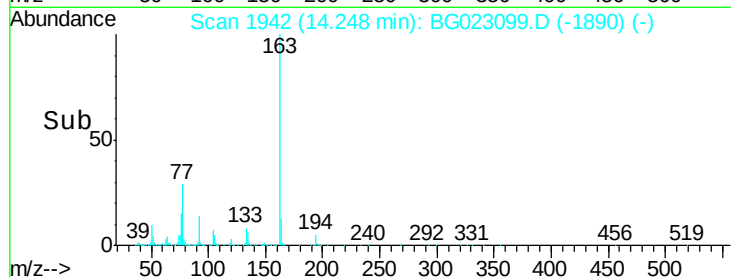
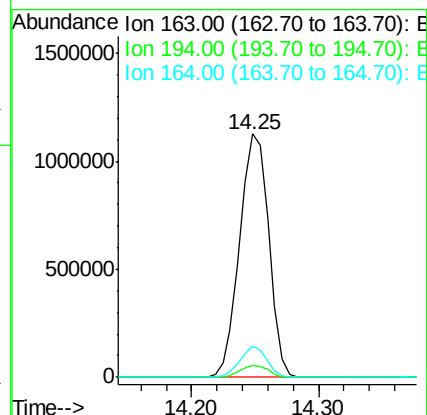
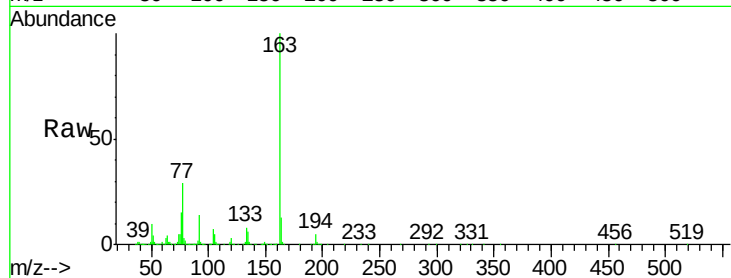
Tgt Ion:163 Resp: 1787938

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 12.6 8.1 12.1#



#50

2,6-Dinitrotoluene

Concen: 34.44 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

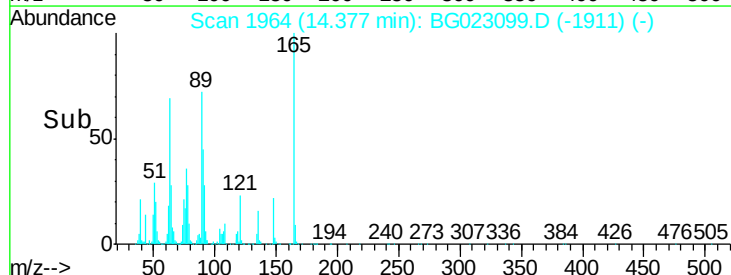
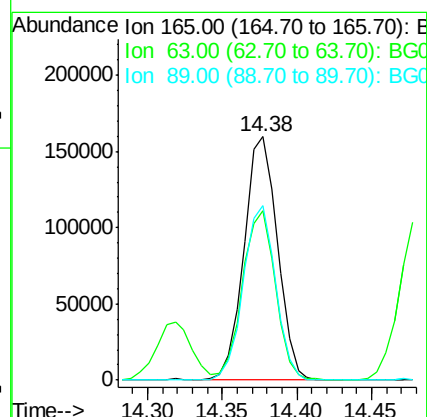
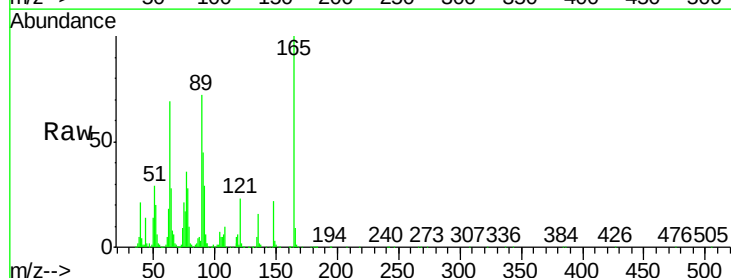
Tgt Ion:165 Resp: 247304

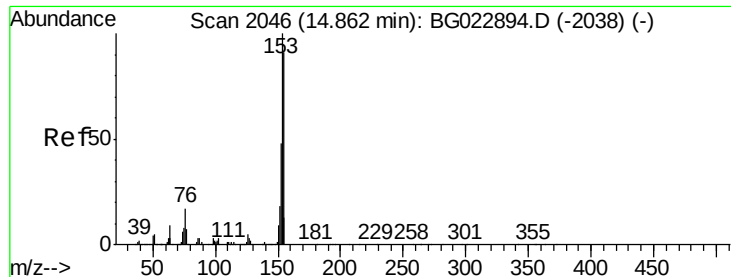
Ion Ratio Lower Upper

165 100

63 69.4 64.3 96.5

89 71.7 64.3 96.5





#51

Acenaphthene

Concen: 32.68 ng

RT: 14.86 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

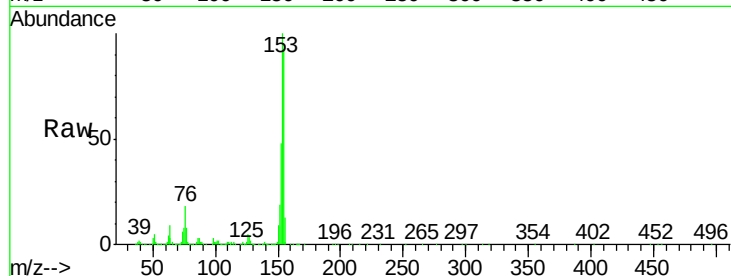
Tgt Ion:154 Resp: 762758

Ion Ratio Lower Upper

154 100

153 108.3 87.5 131.3

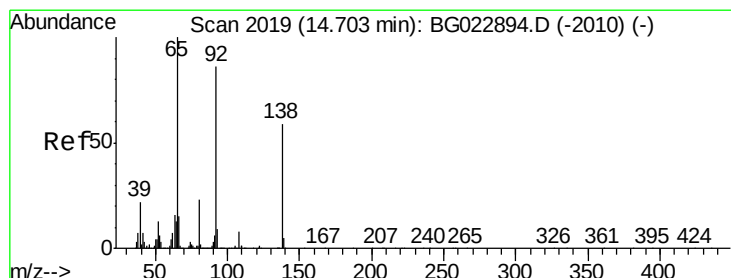
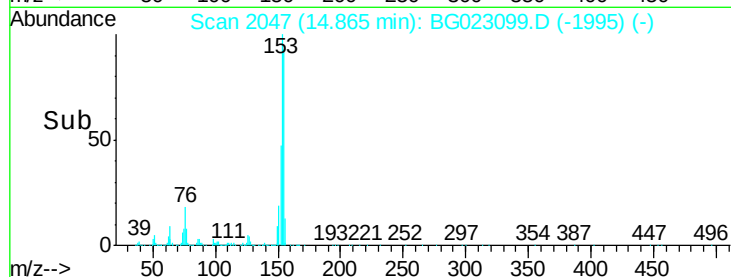
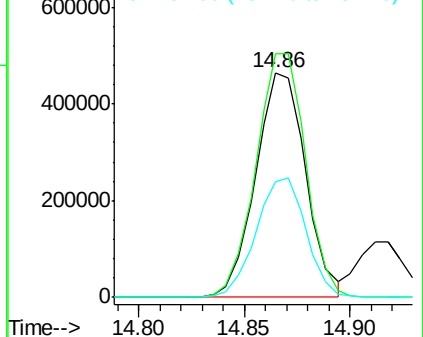
152 51.6 42.7 64.1



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: 26.66 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

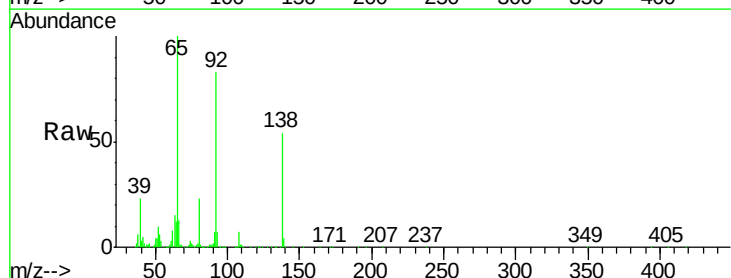
Tgt Ion:138 Resp: 190940

Ion Ratio Lower Upper

138 100

108 13.6 11.7 17.5

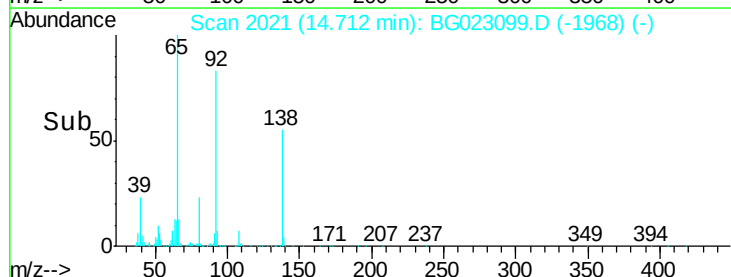
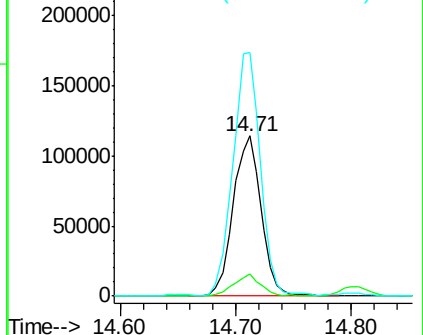
92 152.0 129.7 194.5

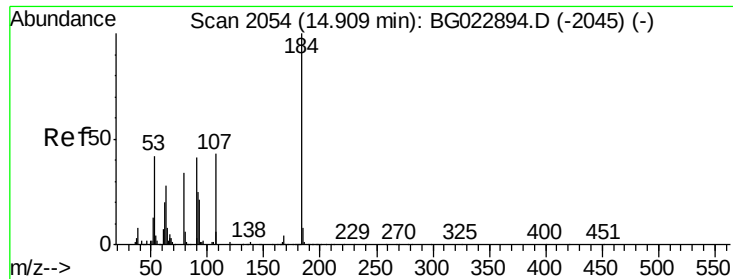


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 48.94 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

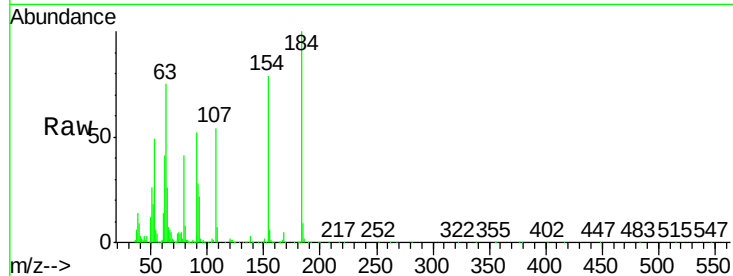
Tgt Ion:184 Resp: 241151

Ion Ratio Lower Upper

184 100

63 75.4 59.6 89.4

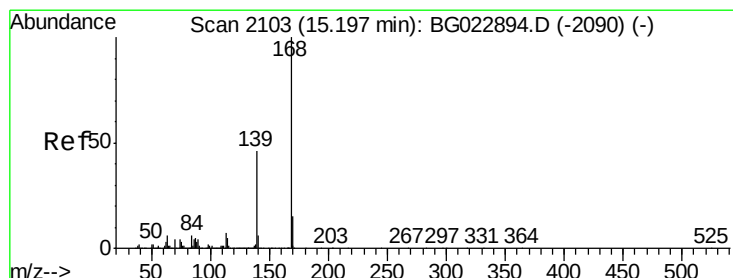
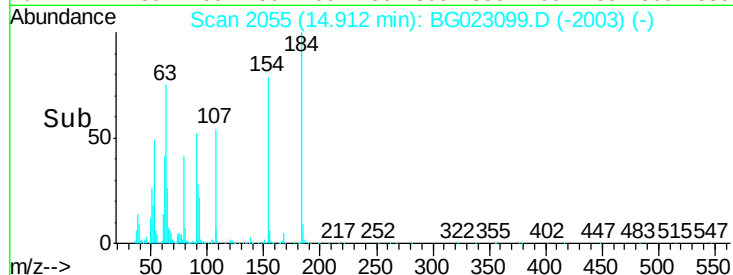
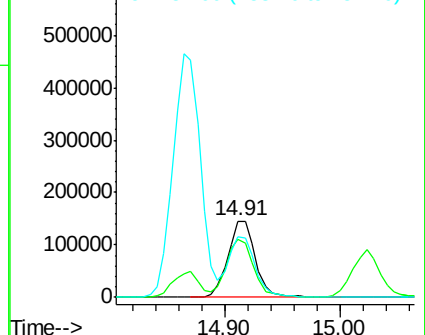
154 79.2 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.08 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

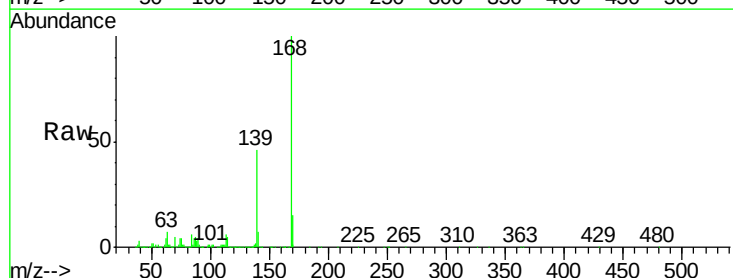
Tgt Ion:168 Resp: 1260441

Ion Ratio Lower Upper

168 100

139 46.0 36.4 54.6

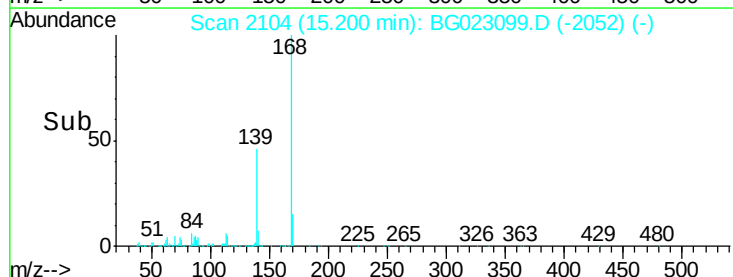
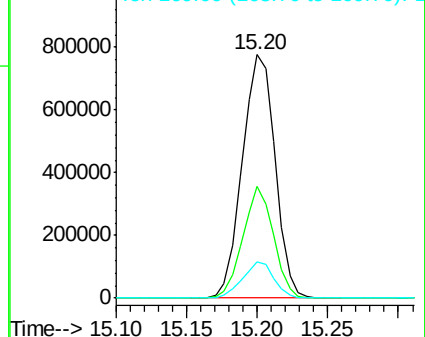
169 14.6 11.9 17.9

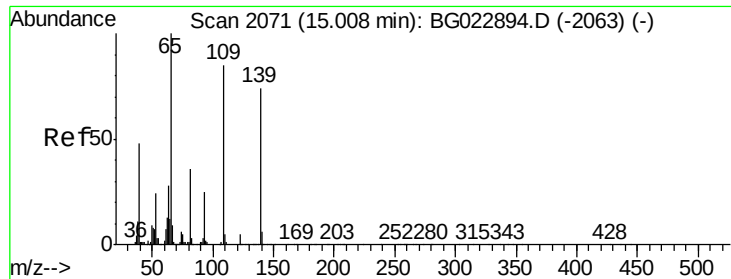


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

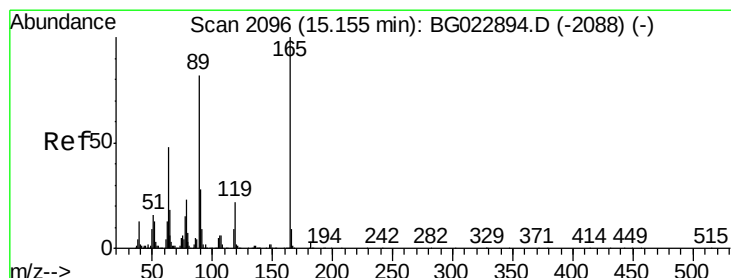
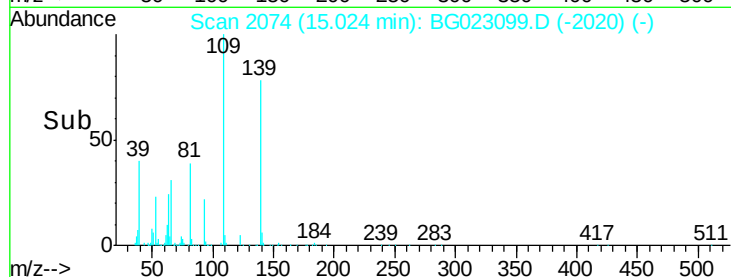
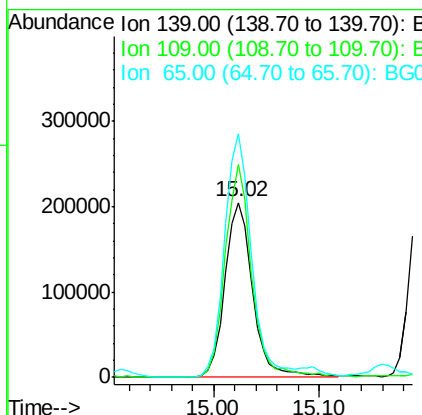
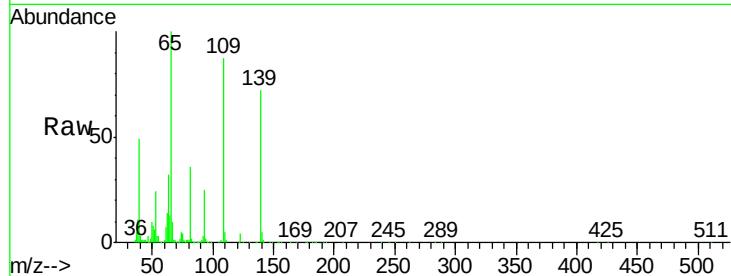




#55
4-Nitrophenol
Concen: 61.92 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

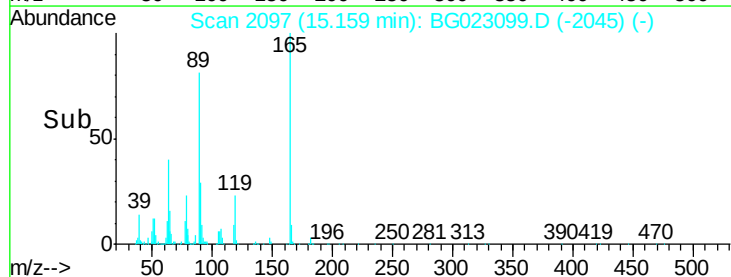
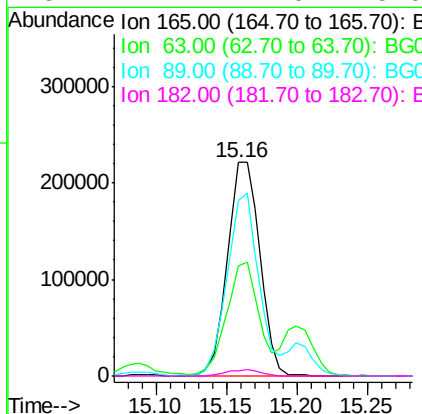
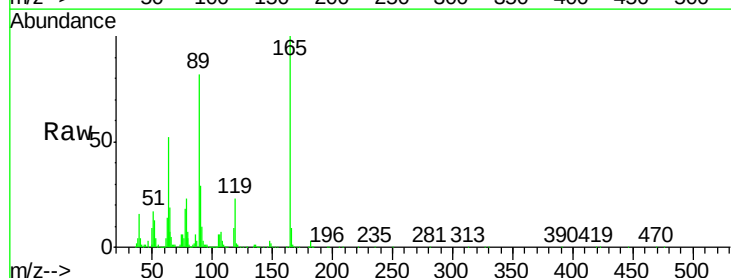
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

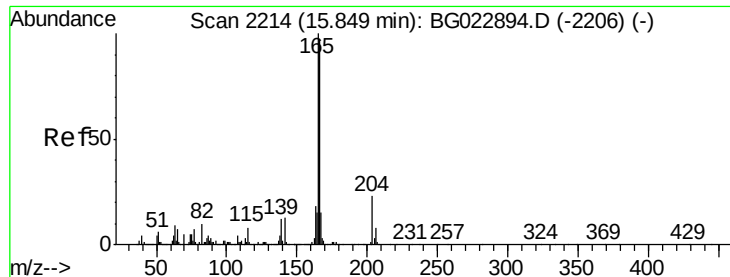
Tgt Ion:139 Resp: 371680
Ion Ratio Lower Upper
139 100
109 121.7 103.0 143.0
65 139.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 33.87 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:165 Resp: 354601
Ion Ratio Lower Upper
165 100
63 51.9 45.8 68.6
89 82.1 68.6 102.8
182 2.7 2.0 3.0

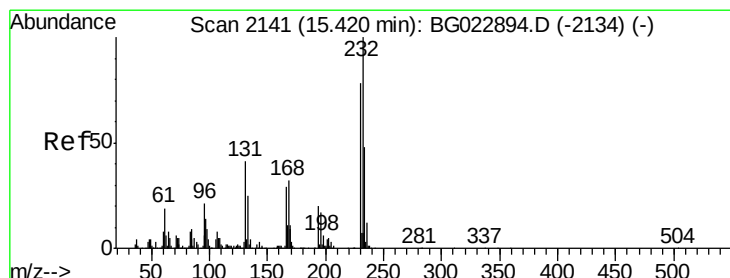
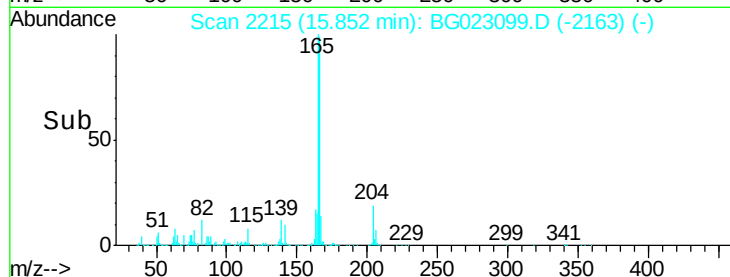
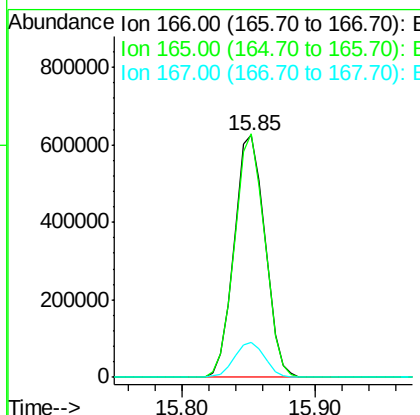
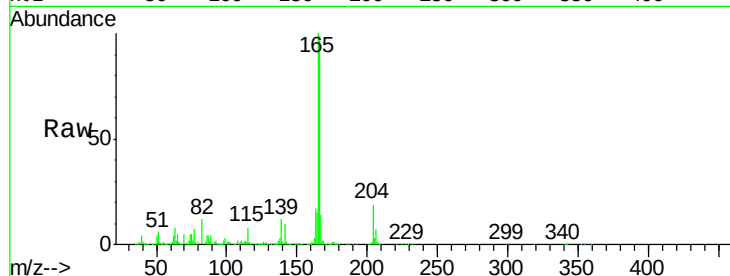




#57
 Fluorene
 Concen: 33.19 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

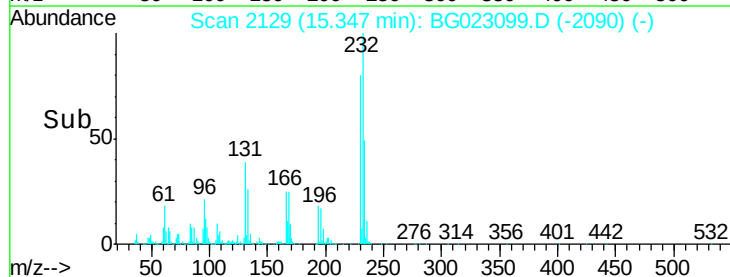
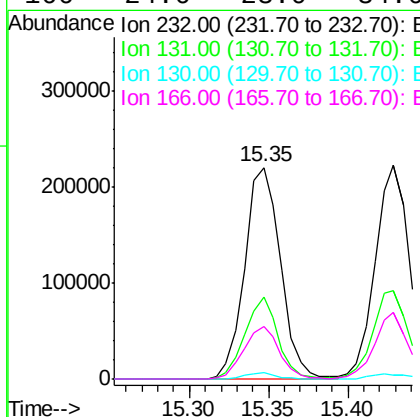
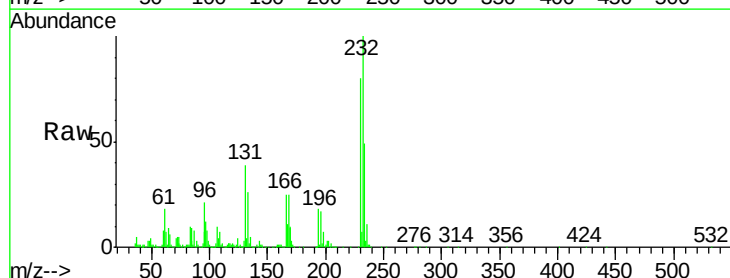
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

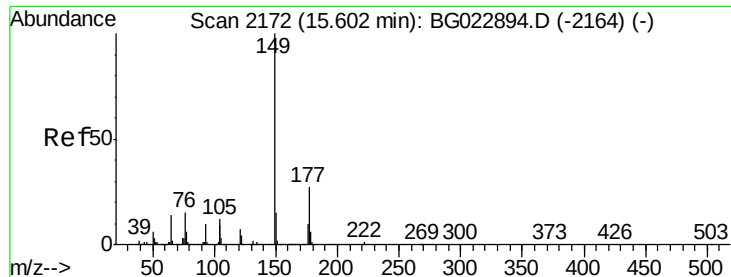
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.0	121.6
167	14.3	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.72 ng
 RT: 15.35 min Scan# 2129
 Delta R.T. -0.07 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.7	32.7	49.1
130	2.6	2.6	3.8
166	24.6	23.0	34.6

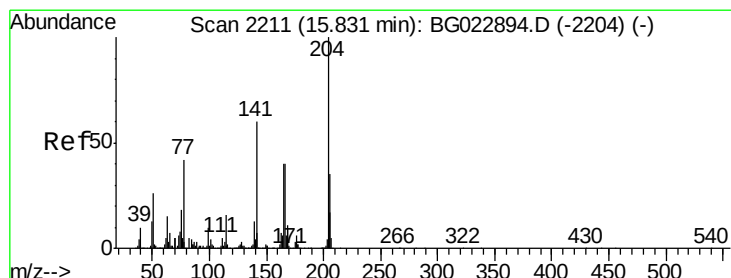
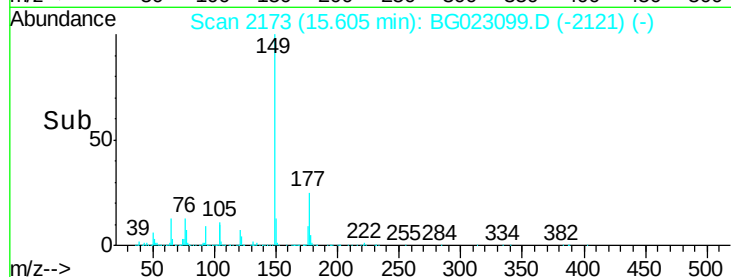
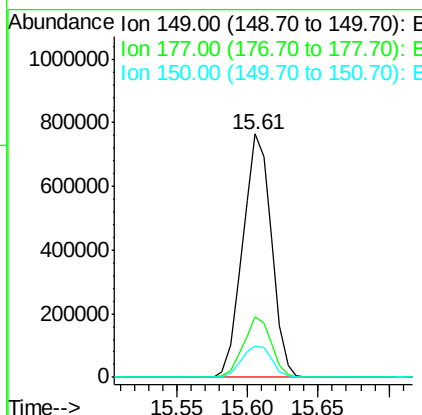
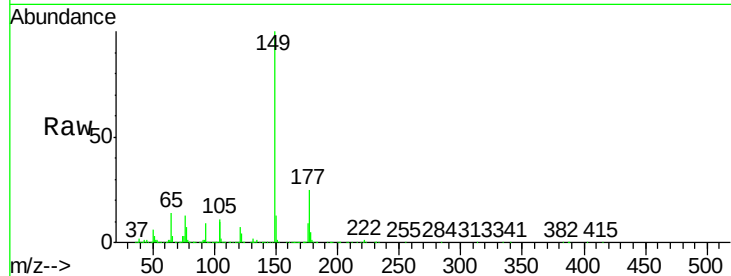




#59
Diethylphthalate
Concen: 33.46 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

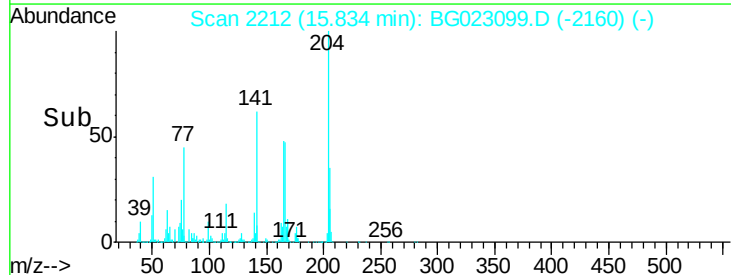
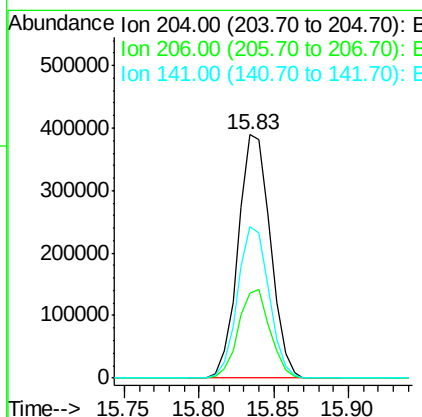
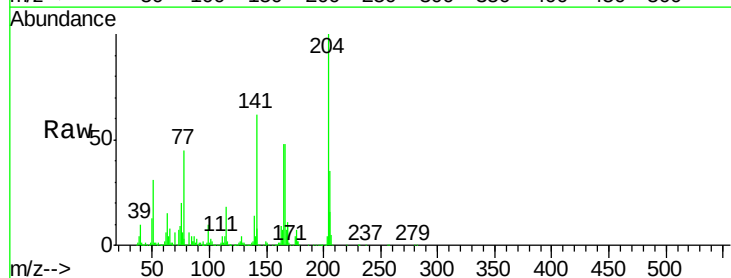
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

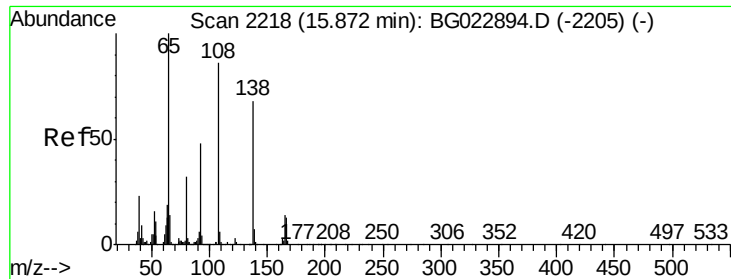
Tgt Ion:149 Resp: 1087816
Ion Ratio Lower Upper
149 100
177 24.7 19.2 28.8
150 13.0 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 31.75 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:204 Resp: 581503
Ion Ratio Lower Upper
204 100
206 34.8 28.5 42.7
141 62.0 51.4 77.0

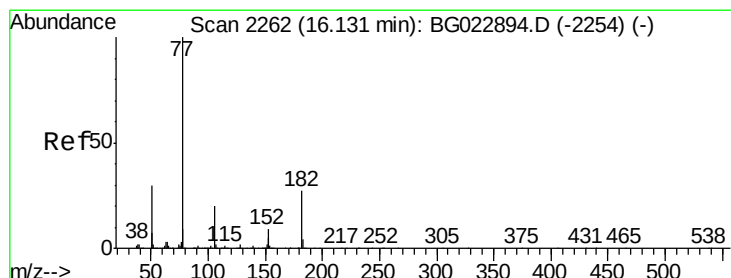
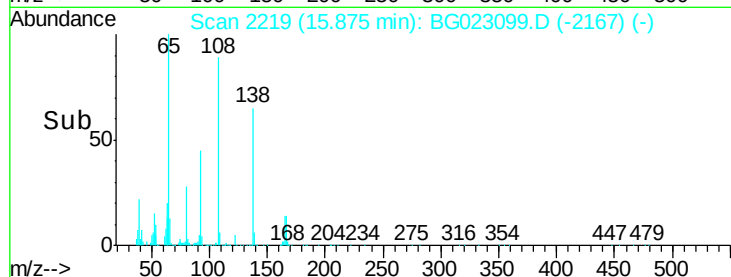
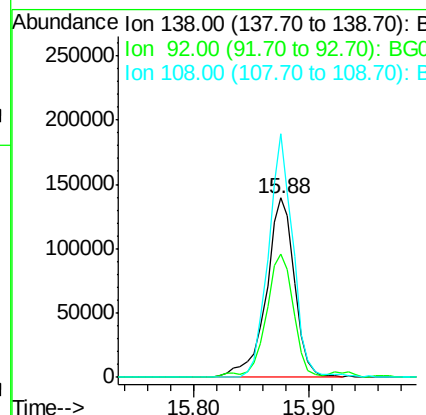
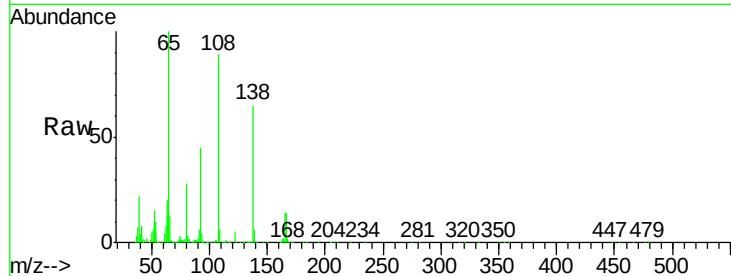




#61
4-Nitroaniline
Concen: 30.58 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

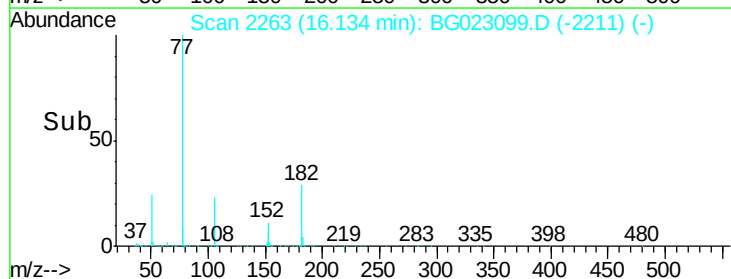
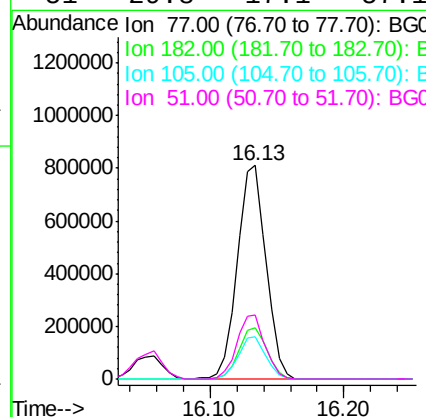
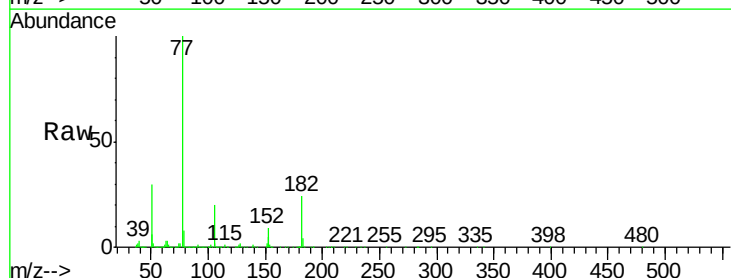
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

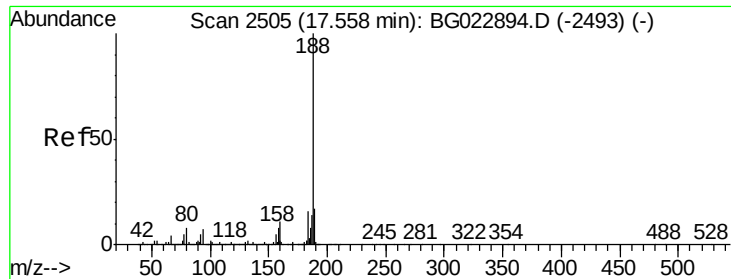
Tgt Ion:138 Resp: 236941
Ion Ratio Lower Upper
138 100
92 68.9 54.1 94.1
108 136.0 133.9 173.9



#62
Azobenzene
Concen: 38.77 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion: 77 Resp: 1205651
Ion Ratio Lower Upper
77 100
182 24.2 3.5 43.5
105 19.6 0.0 38.5
51 29.8 17.1 57.1

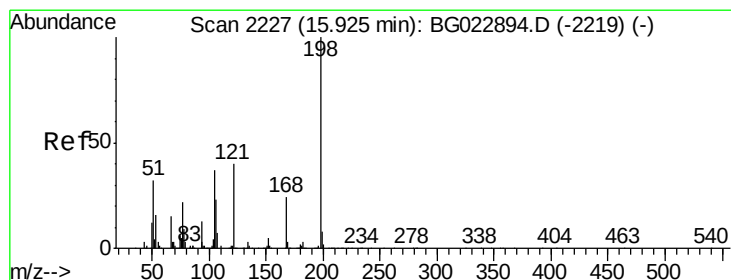
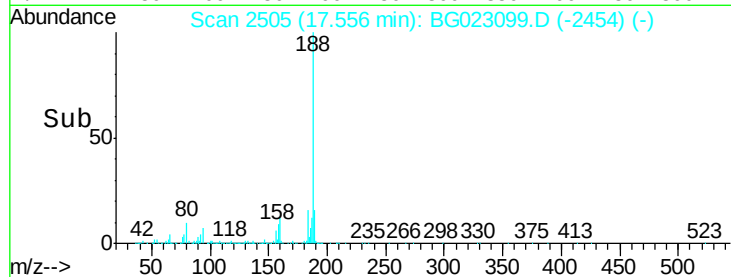
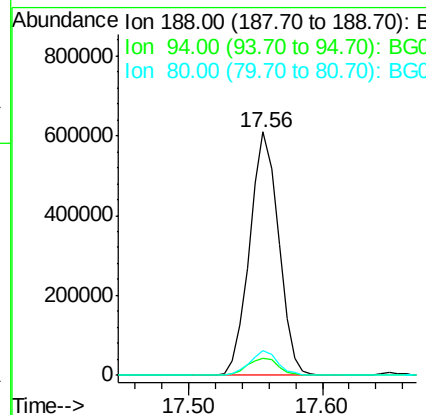
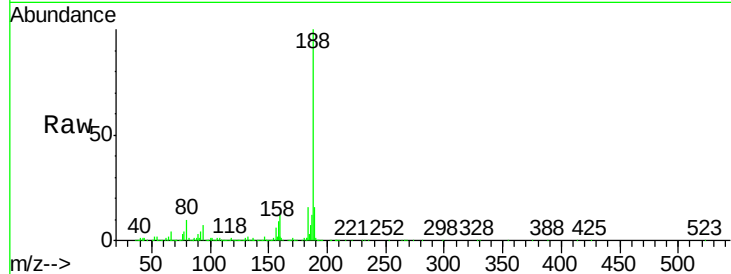




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

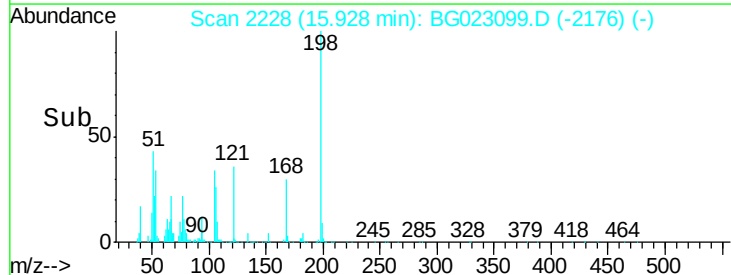
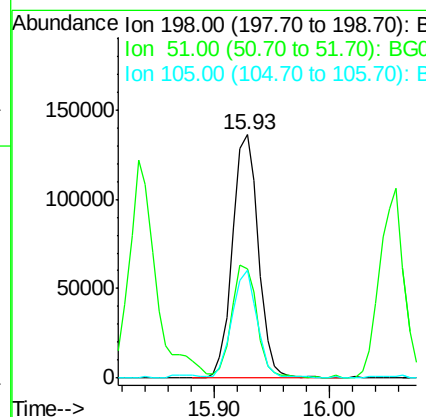
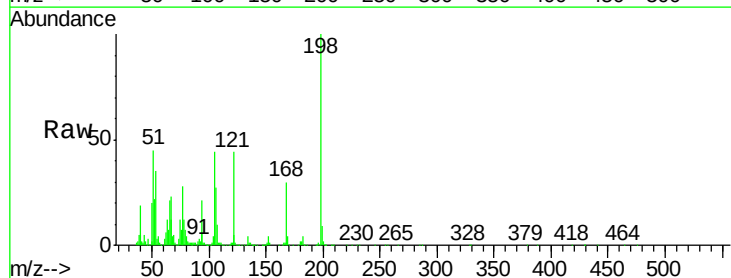
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

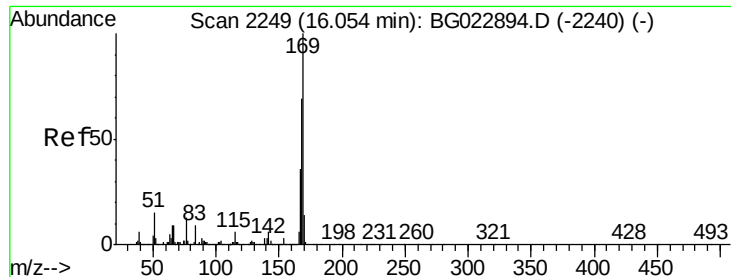
Tgt Ion:188 Resp: 907873
 Ion Ratio Lower Upper
 188 100
 94 7.2 5.2 7.8
 80 10.1 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.40 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion:198 Resp: 211846
 Ion Ratio Lower Upper
 198 100
 51 44.9 26.0 66.0
 105 44.4 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 35.62 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

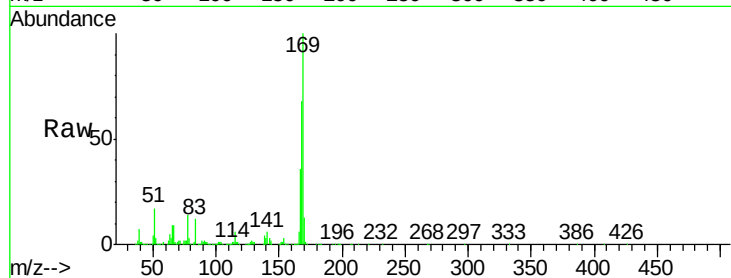
Tgt Ion:169 Resp: 931730

Ion Ratio Lower Upper

169 100

168 68.1 55.0 82.4

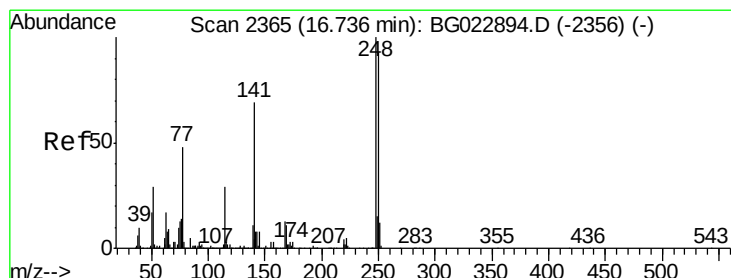
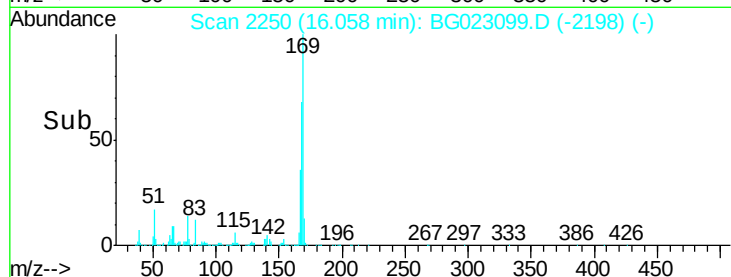
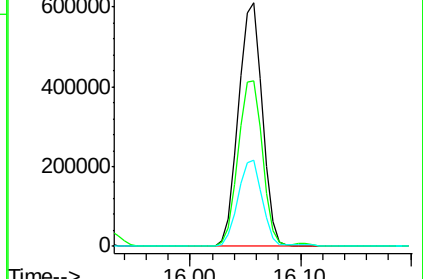
167 35.5 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.36 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

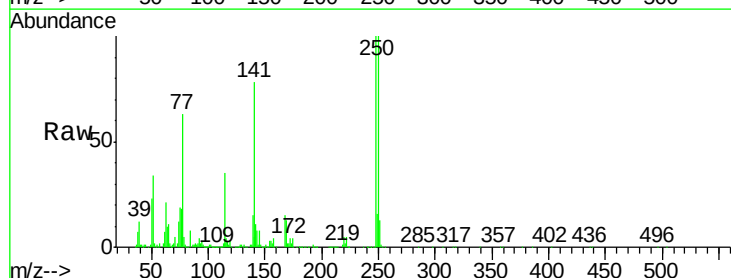
Tgt Ion:248 Resp: 382276

Ion Ratio Lower Upper

248 100

250 99.7 77.8 116.8

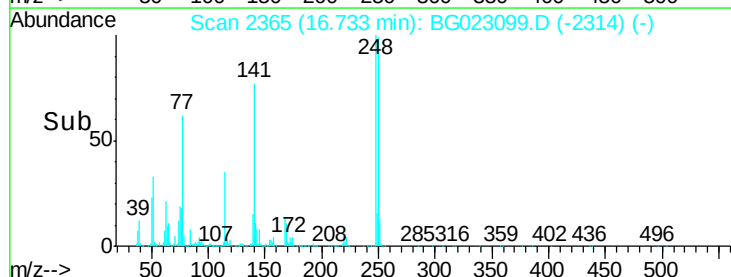
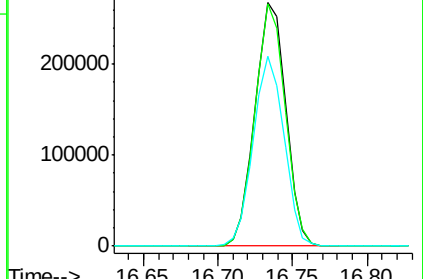
141 78.0 65.7 98.5

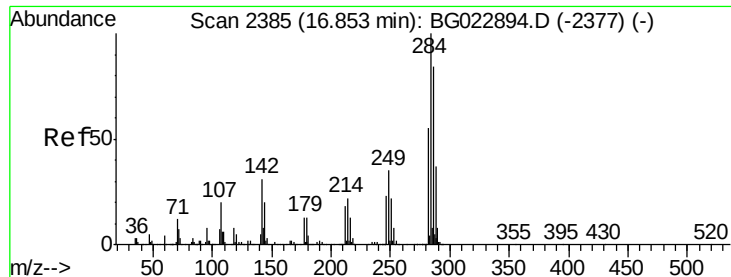


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 30.62 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

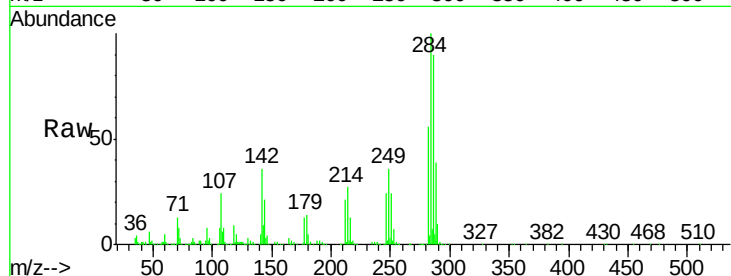
Tgt Ion:284 Resp: 393202

Ion Ratio Lower Upper

284 100

142 36.3 26.8 40.2

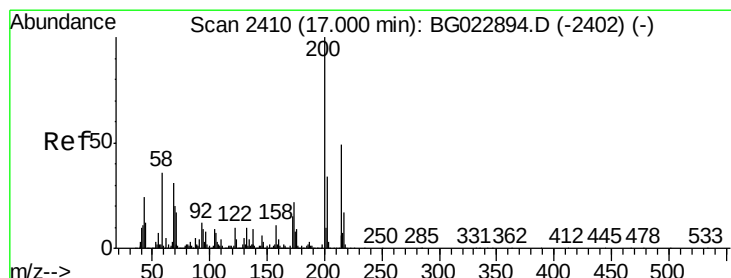
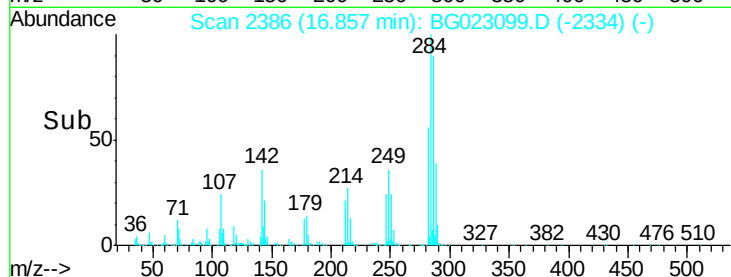
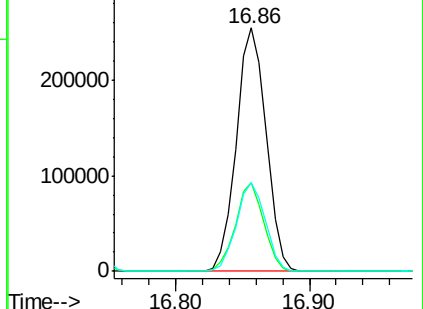
249 36.5 28.9 43.3



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: 33.23 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

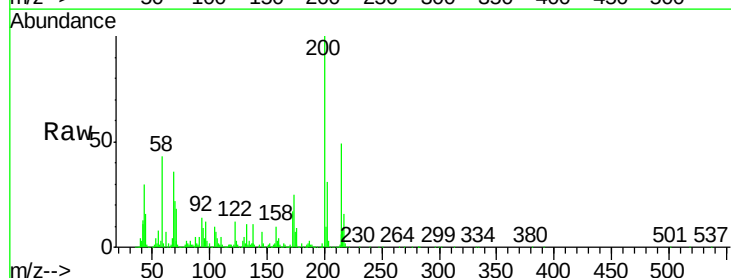
Tgt Ion:200 Resp: 385571

Ion Ratio Lower Upper

200 100

173 24.9 1.6 41.6

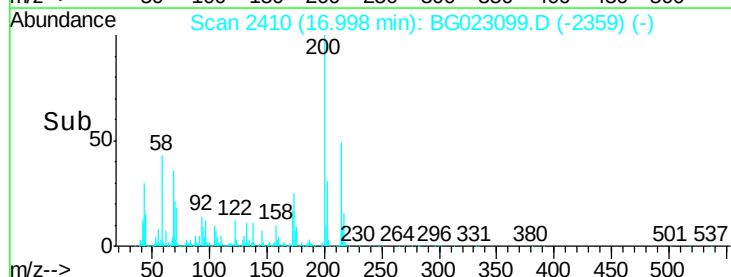
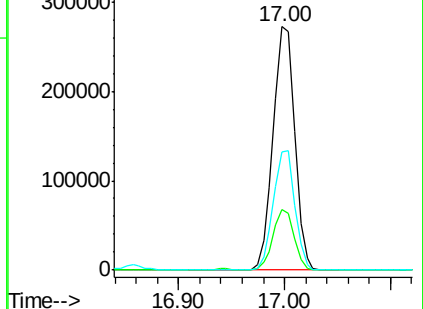
215 48.5 28.7 68.7

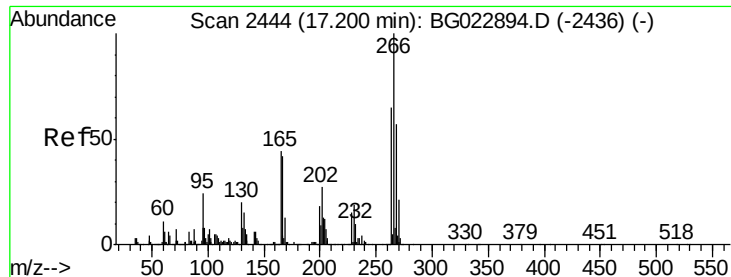


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 61.25 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

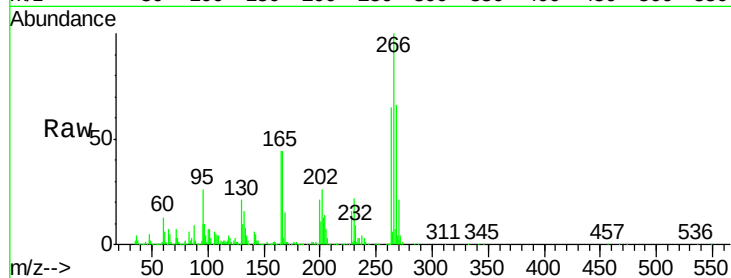
Tgt Ion:266 Resp: 509399

Ion Ratio Lower Upper

266 100

268 66.1 51.9 77.9

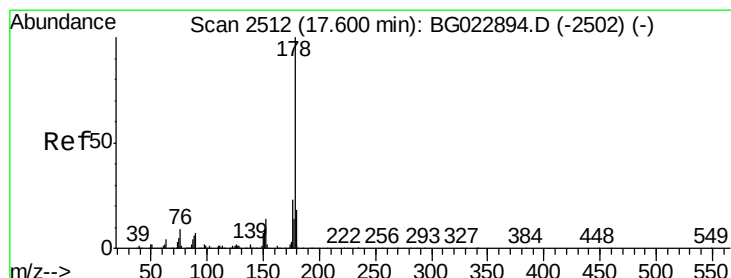
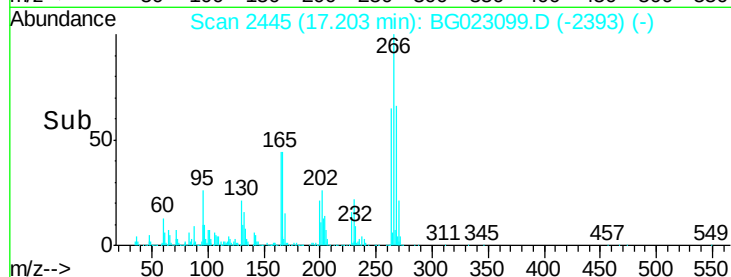
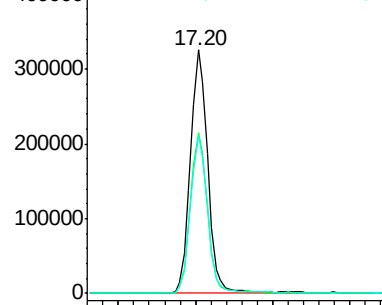
264 64.6 50.6 75.8



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: 35.46 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

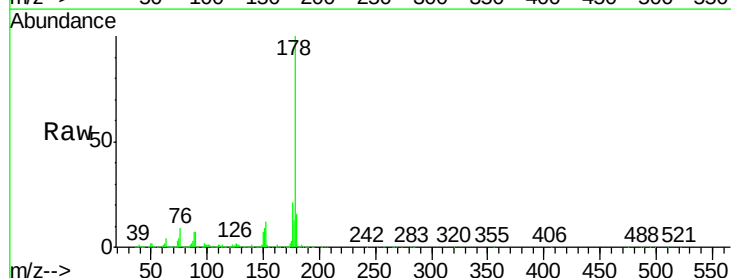
Tgt Ion:178 Resp: 1577592

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

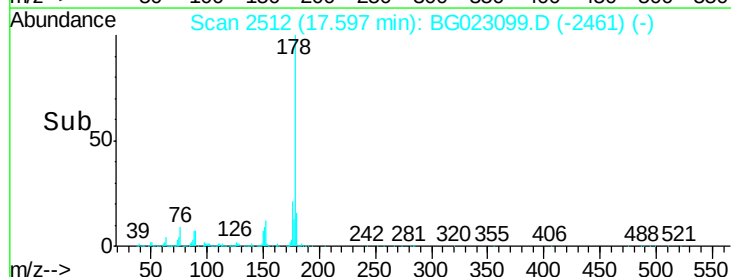
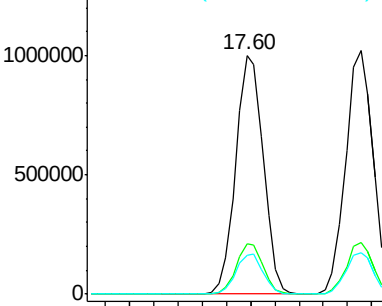
179 16.1 14.3 21.5

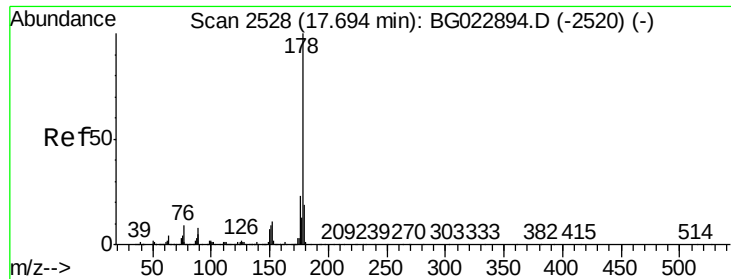


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.70 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

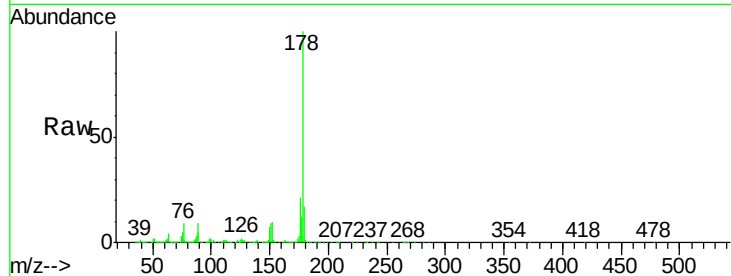
Tgt Ion:178 Resp: 1608382

Ion Ratio Lower Upper

178 100

176 21.0 17.3 25.9

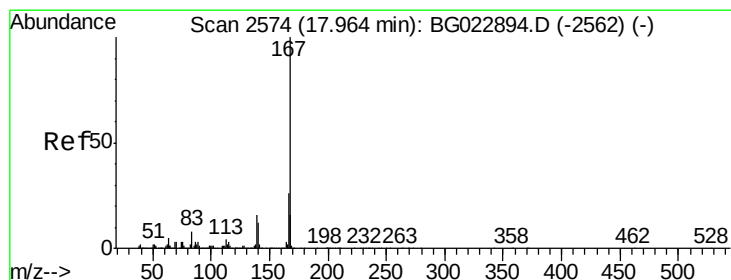
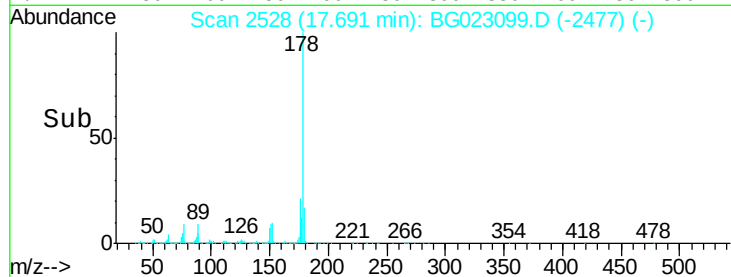
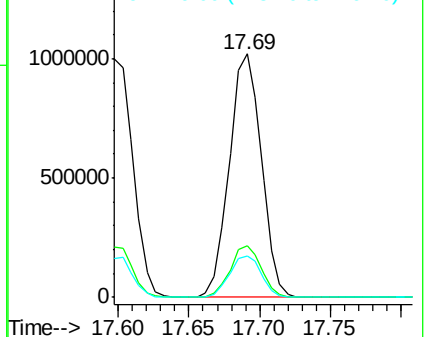
179 16.9 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.97 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

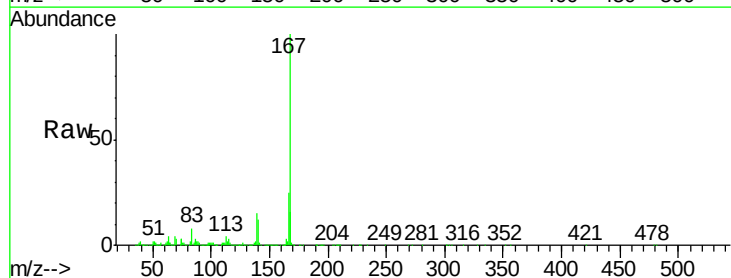
Tgt Ion:167 Resp: 1400452

Ion Ratio Lower Upper

167 100

166 24.8 20.7 31.1

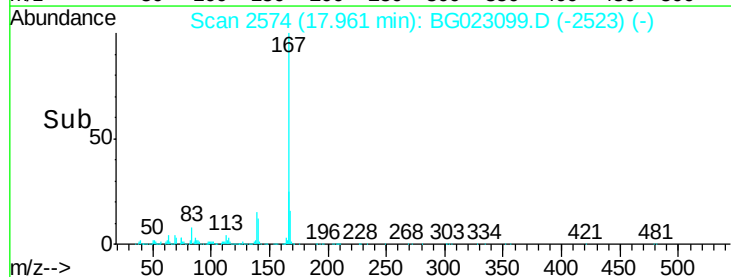
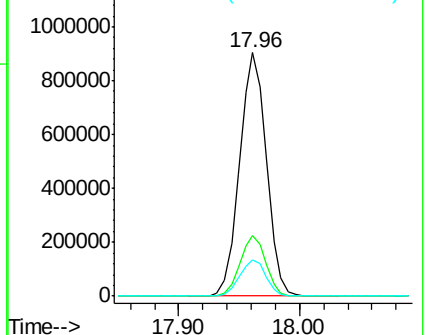
139 15.0 11.9 17.9

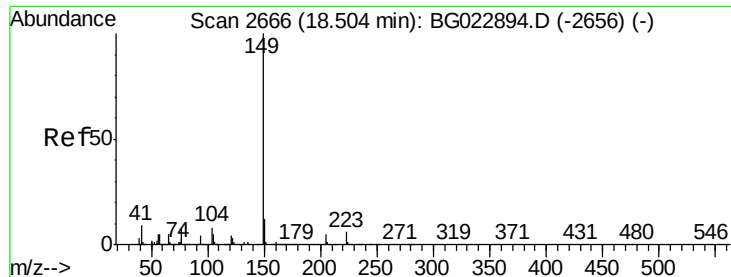


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

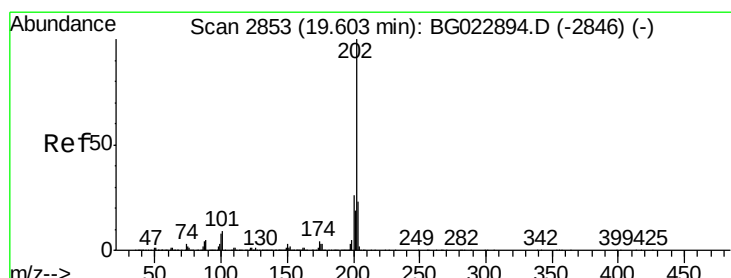
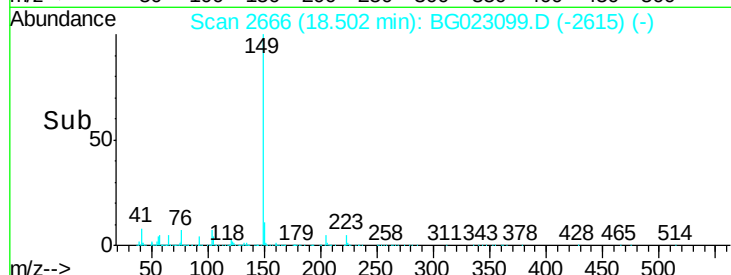
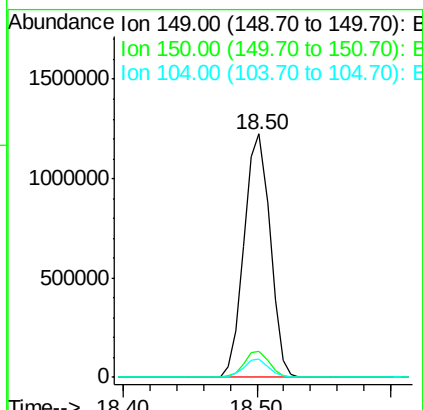
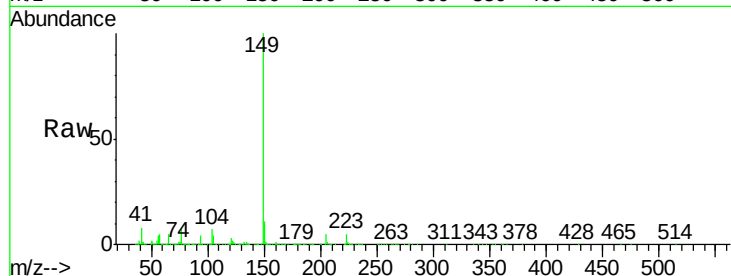




#73
Di-n-butylphthalate
Concen: 37.98 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

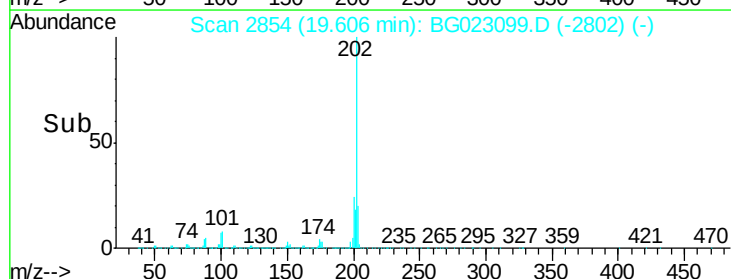
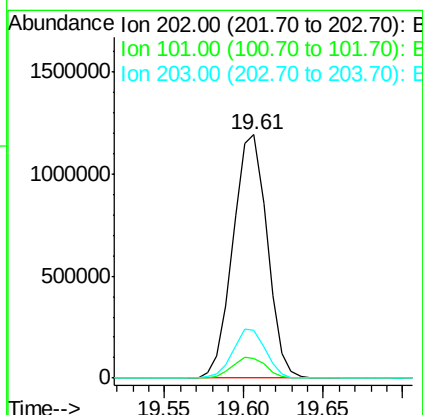
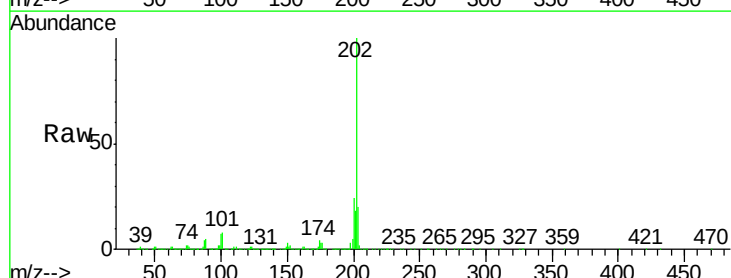
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

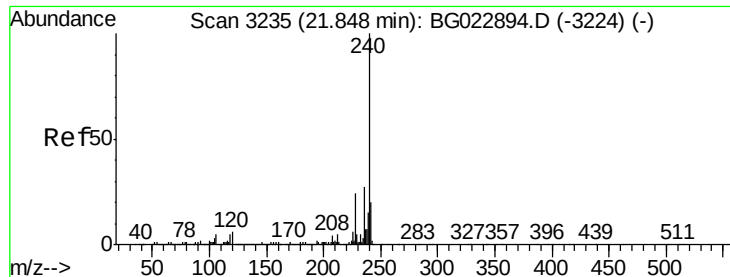
Tgt Ion:149 Resp: 1644400
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 7.4 6.9 10.3



#74
Fluoranthene
Concen: 32.64 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:202 Resp: 1782407
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.4
203 19.6 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

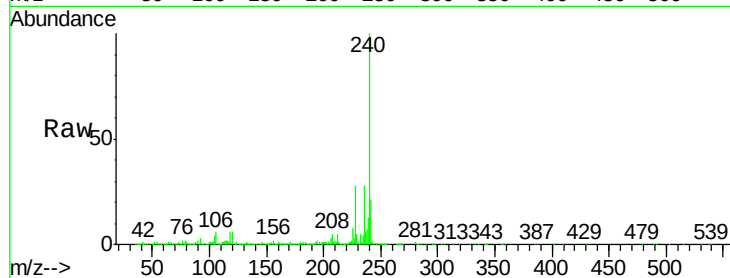
Tgt Ion:240 Resp: 977816

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

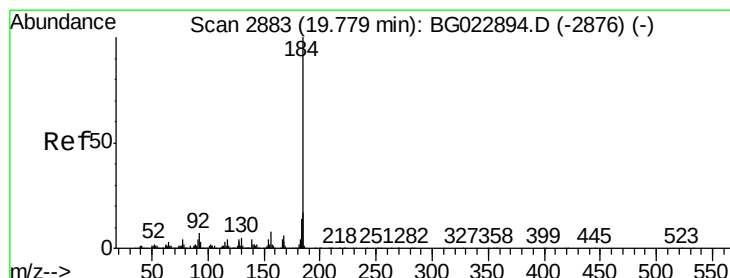
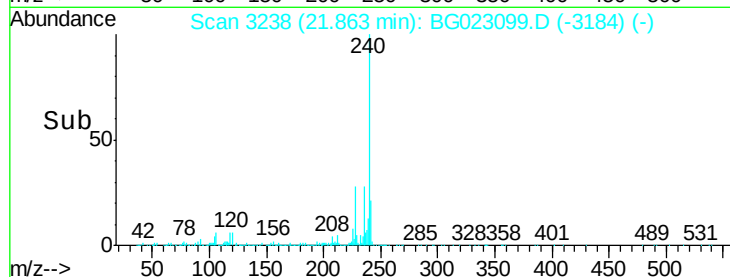
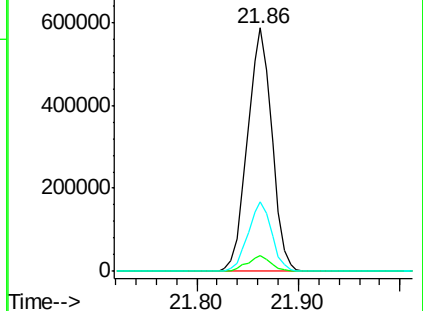
236 28.3 21.1 31.7



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: 39.08 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

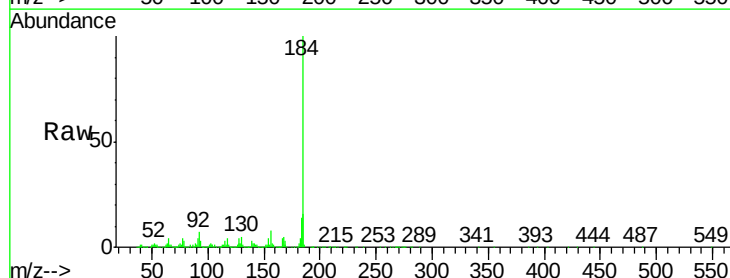
Tgt Ion:184 Resp: 1095411

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

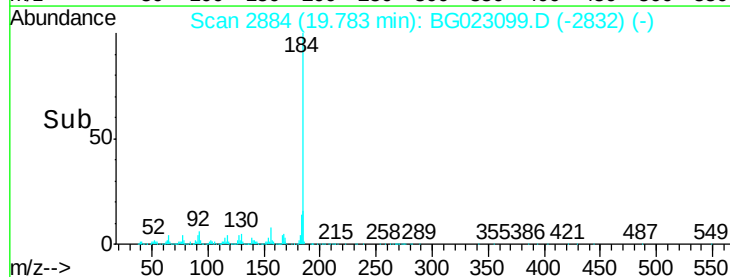
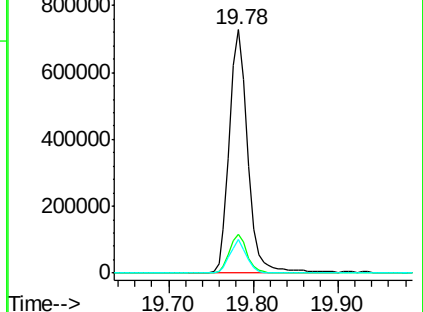
183 13.8 10.7 16.1

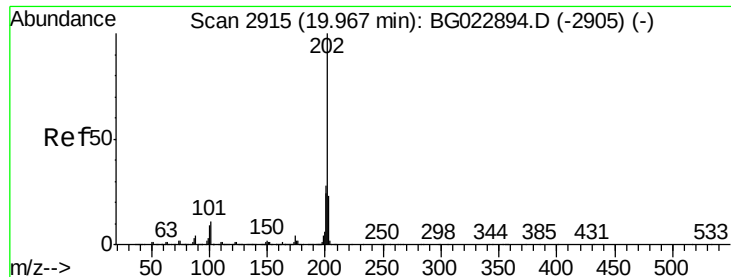


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.06 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

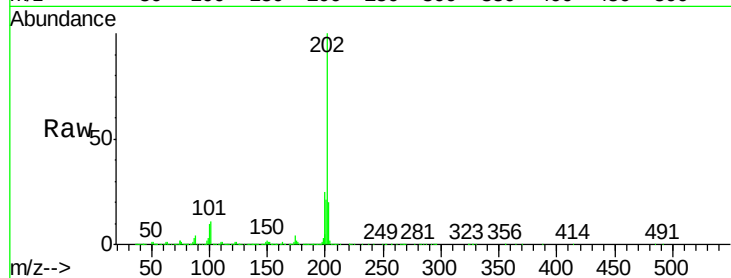
BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

Tgt Ion:202 Resp: 1816709

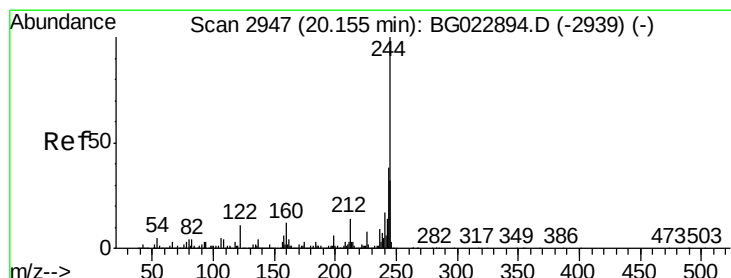
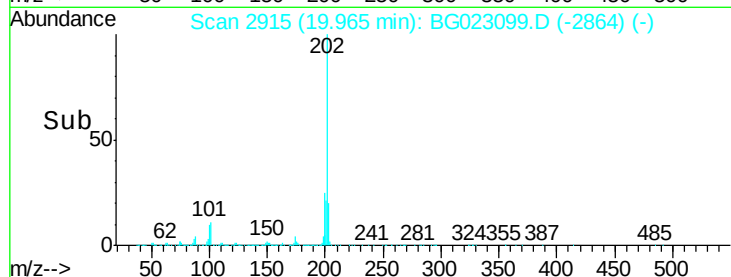
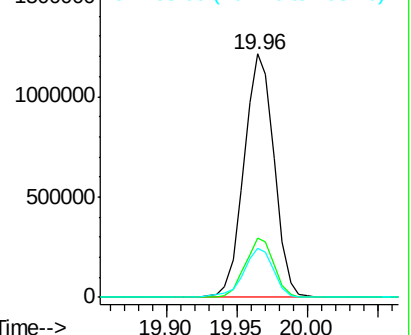
Ion	Ratio	Lower	Upper
202	100		
200	24.6	21.2	31.8
203	20.0	16.8	25.2



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: 67.31 ng

RT: 20.15 min Scan# 2947

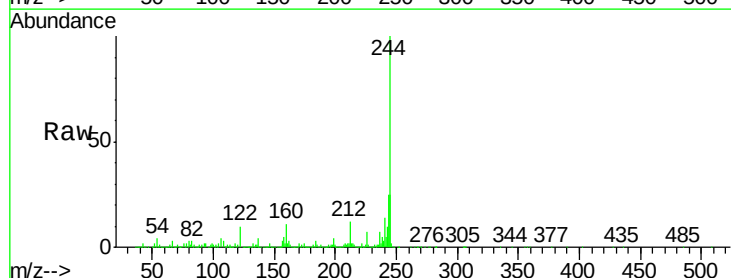
Delta R.T. -0.00 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Tgt Ion:244 Resp: 2248357

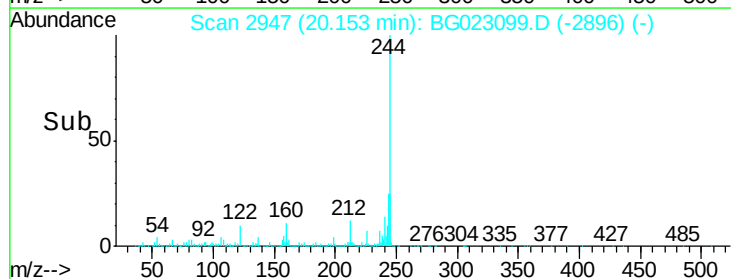
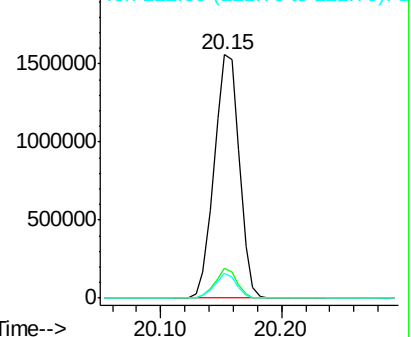
Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.8	16.2
122	10.1	8.0	12.0

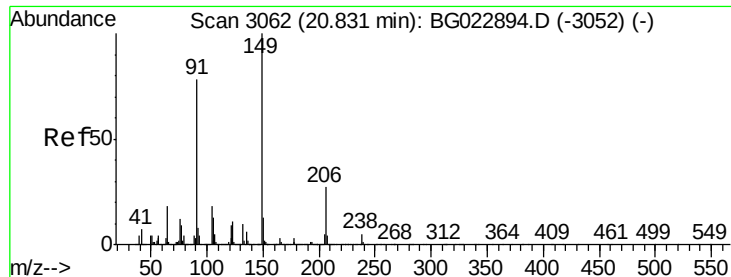


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.03 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.01 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

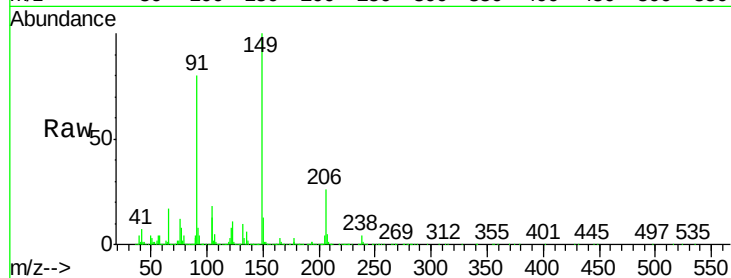
Tgt Ion:149 Resp: 784202

Ion Ratio Lower Upper

149 100

91 79.7 68.1 102.1

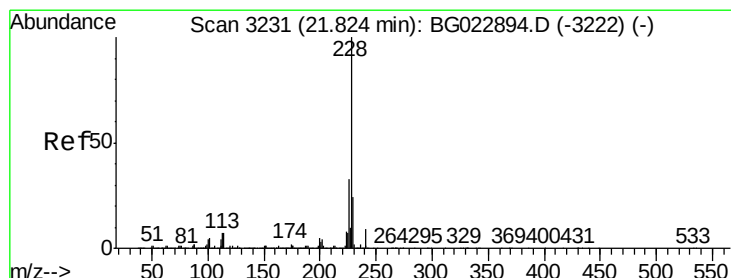
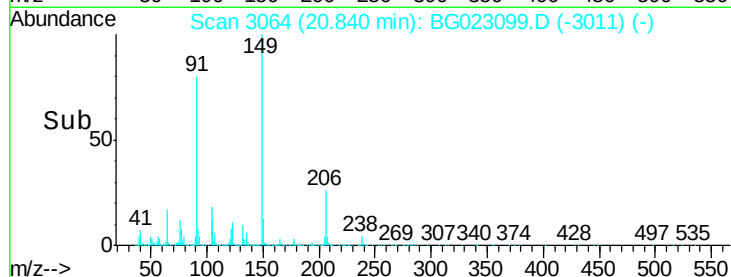
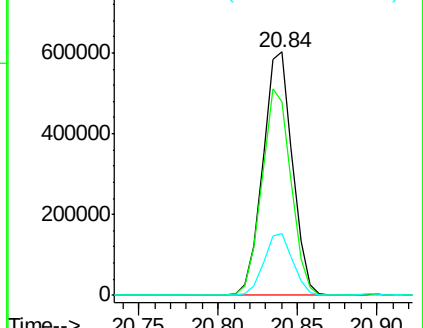
206 25.6 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG022894.D (-3052) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.08 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.02 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

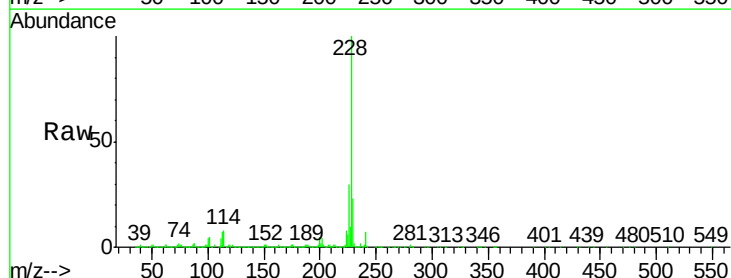
Tgt Ion:228 Resp: 1864416

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

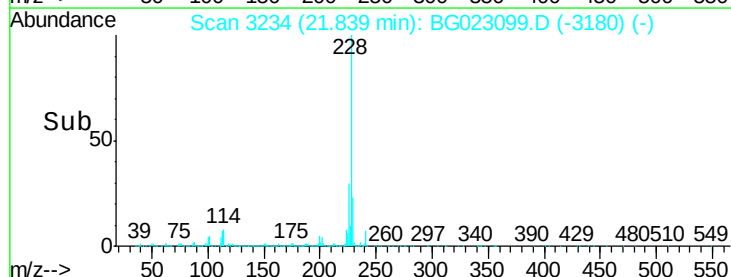
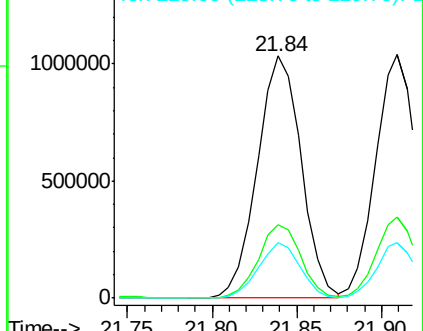
229 22.8 19.9 29.9

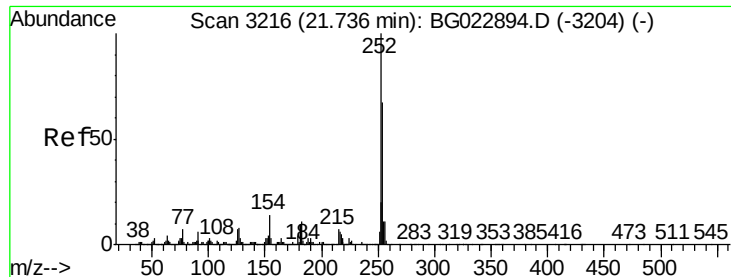


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

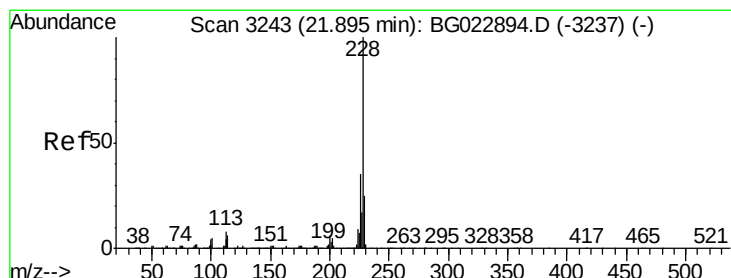
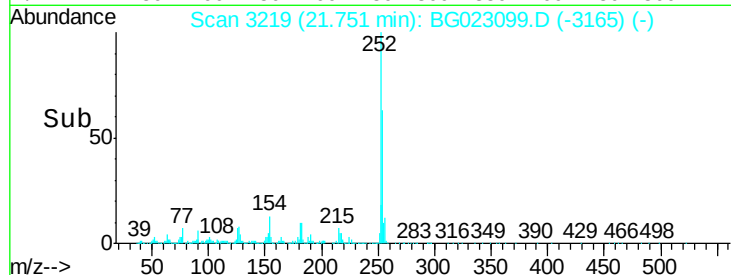
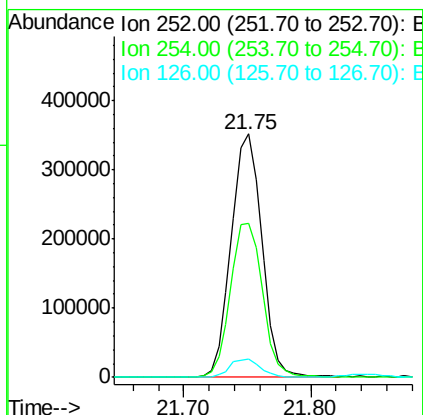
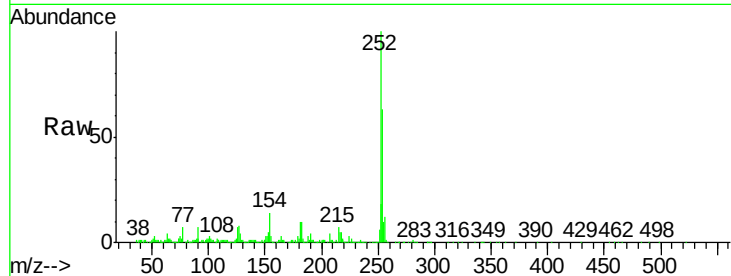




#81
 3,3'-Dichlorobenzidine
 Concen: 24.64 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

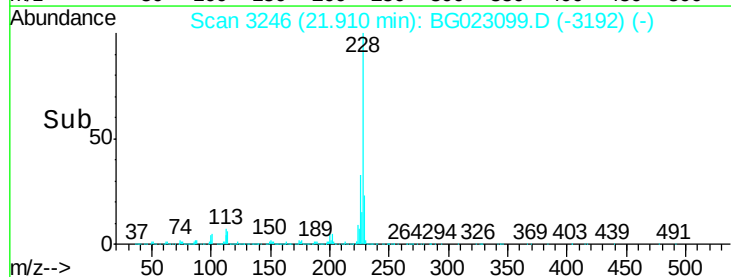
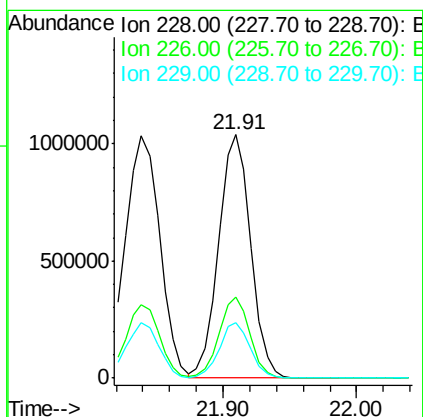
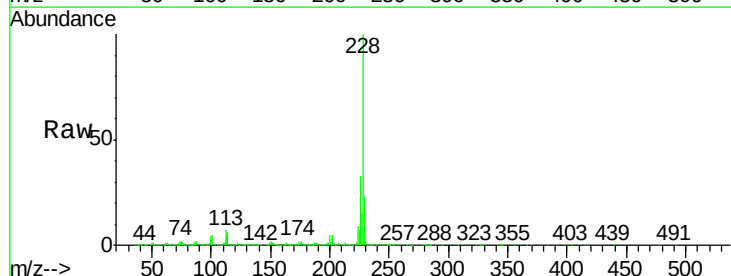
Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

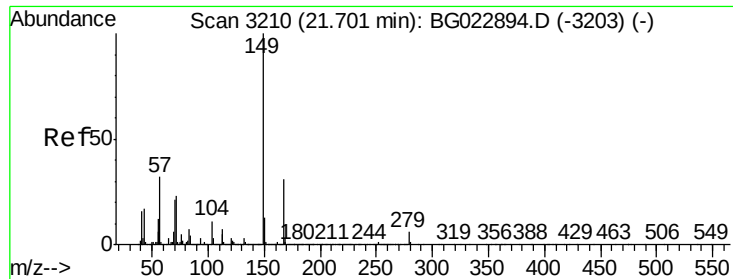
Tgt Ion: 252 Resp: 591643
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.2 76.8
 126 7.4 5.3 7.9



#82
 Chrysene
 Concen: 34.01 ng
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.02 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Tgt Ion: 228 Resp: 1745153
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.7 40.1
 229 22.8 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.43 ng

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

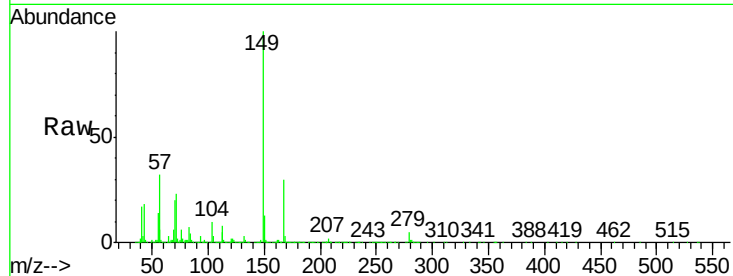
Tgt Ion:149 Resp: 1101133

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

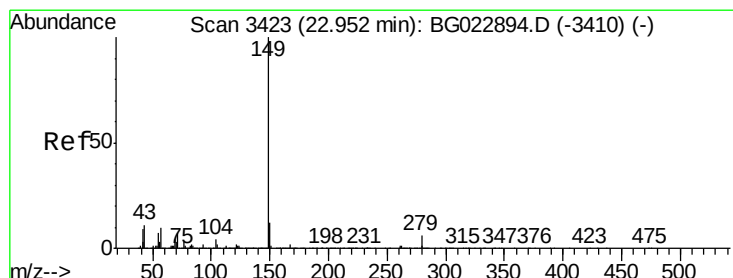
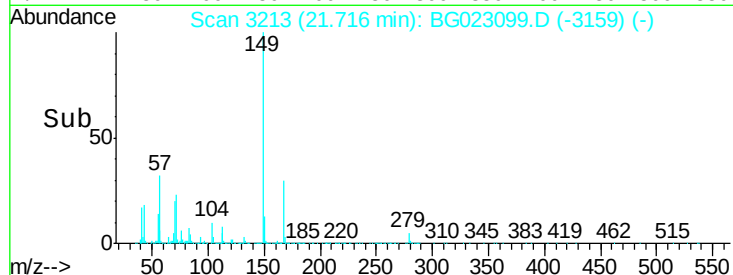
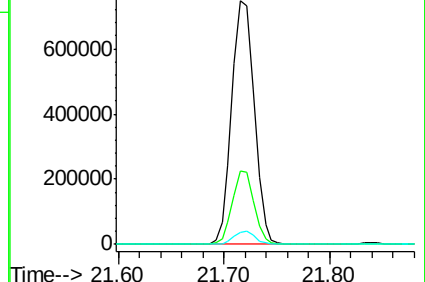
279 5.1 4.8 7.2



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: 36.81 ng

RT: 22.98 min Scan# 3429

Delta R.T. 0.03 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

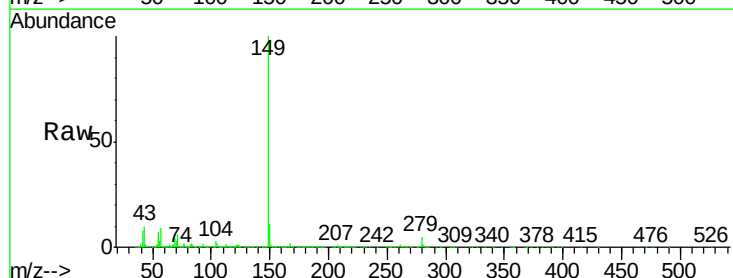
Tgt Ion:149 Resp: 1855469

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

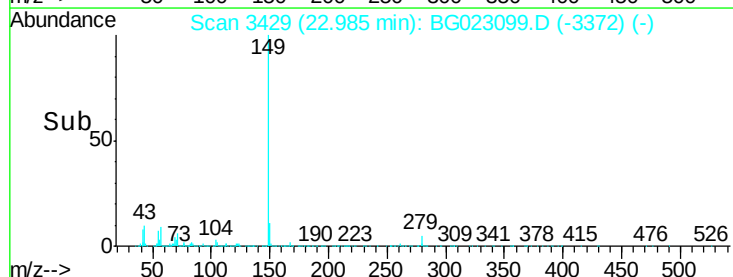
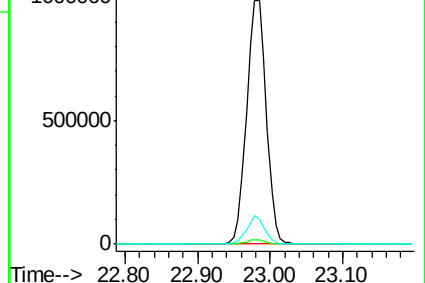
43 10.4 8.8 13.2

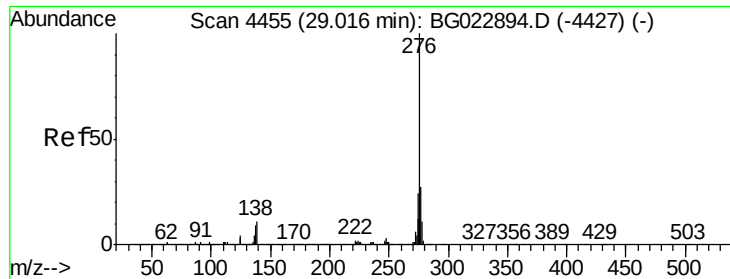


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.31 ng

RT: 29.09 min Scan# 4468

Delta R.T. 0.07 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

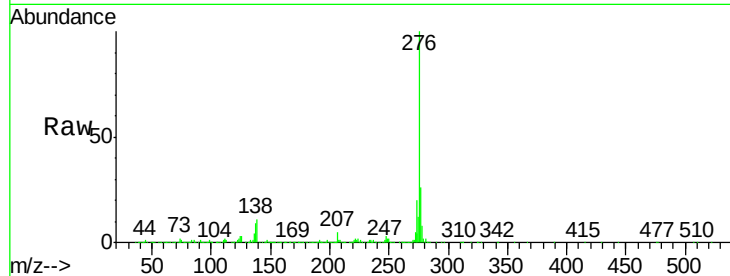
Tgt Ion:276 Resp: 2048638

Ion Ratio Lower Upper

276 100

138 6.7 0.0 0.0#

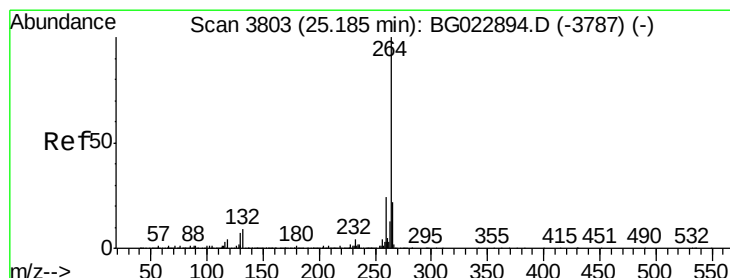
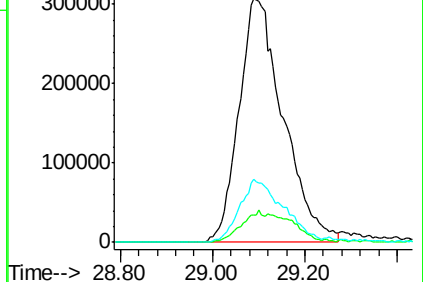
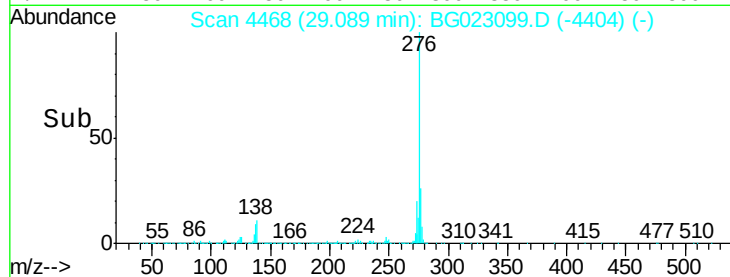
277 25.5 0.0 0.0#



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: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

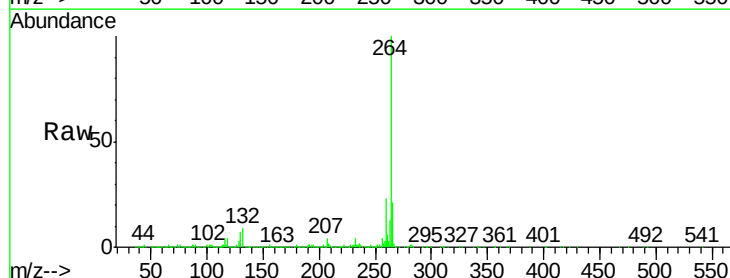
Tgt Ion:264 Resp: 988175

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

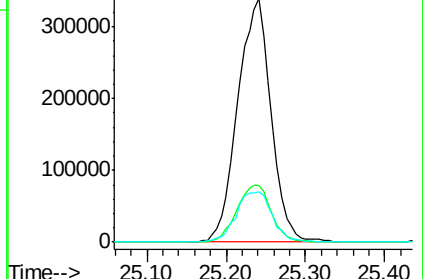
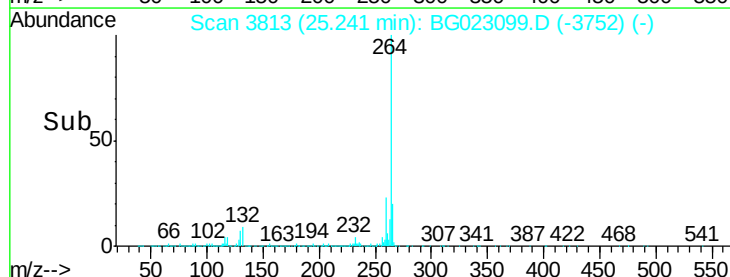
265 20.7 18.9 28.3

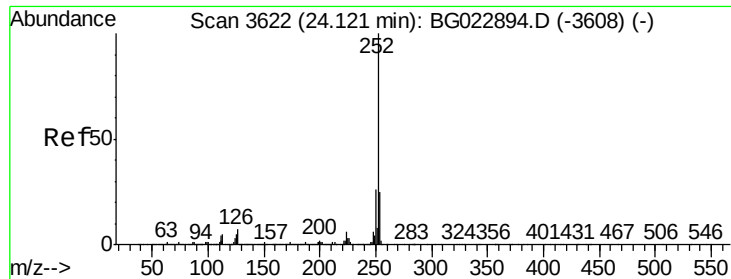


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

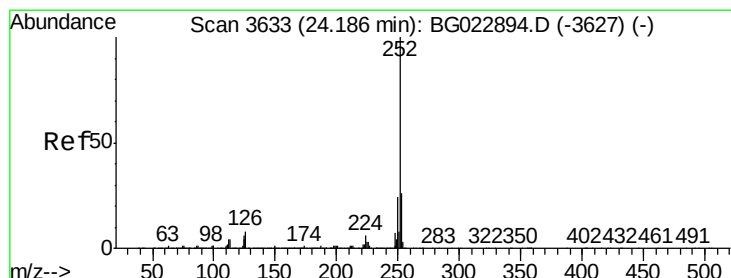
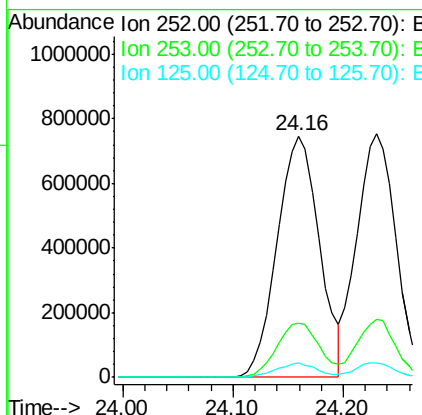
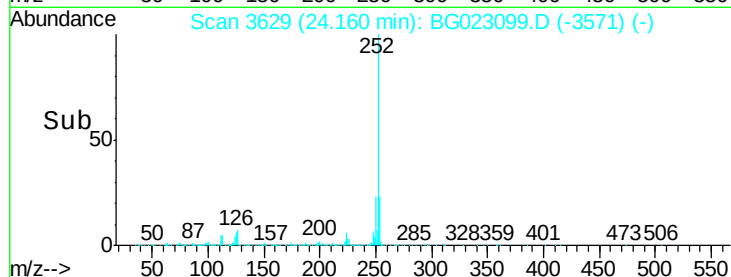
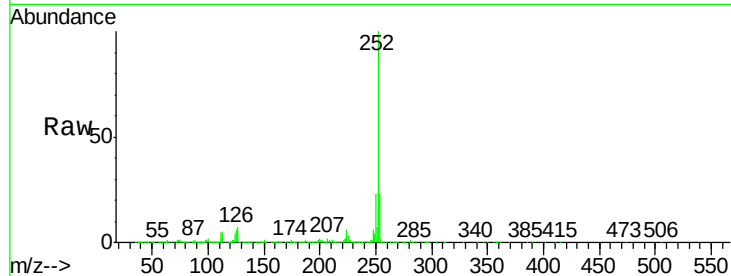




#87
Benzo(b)fluoranthene
Concen: 34.50 ng
RT: 24.16 min Scan# 3629
Delta R.T. 0.04 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

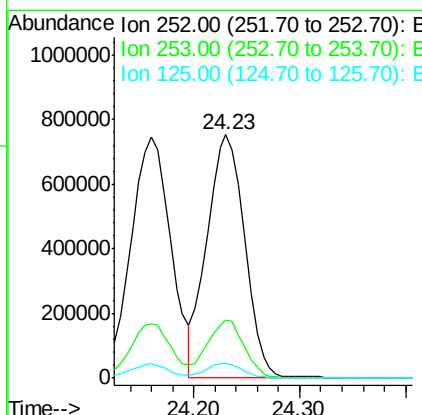
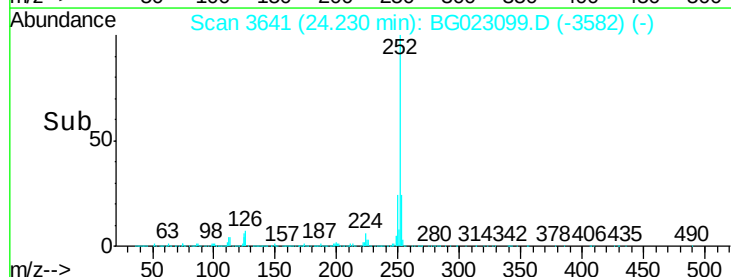
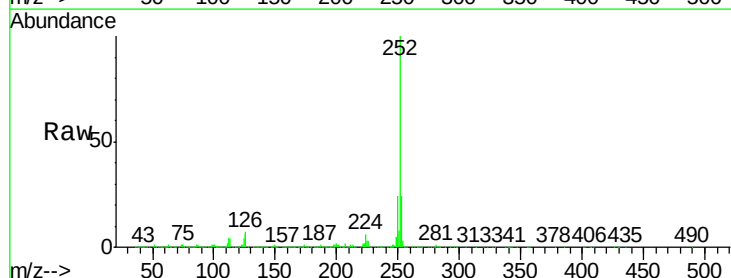
Instrument :
BNA_G
ClientSampleId :
B7-B2(5-12)CMSD

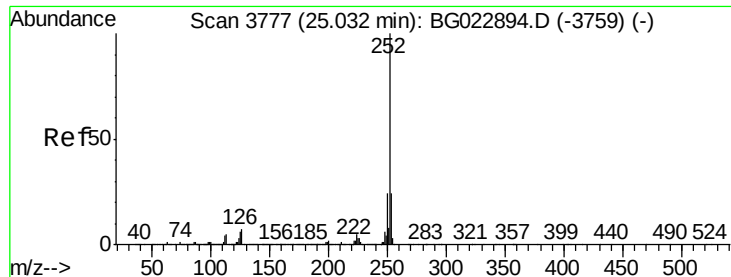
Tgt Ion:252 Resp: 1967123
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 5.8 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 34.48 ng
RT: 24.23 min Scan# 3641
Delta R.T. 0.04 min
Lab File: BG023099.D
Acq: 14 Jul 2016 13:30

Tgt Ion:252 Resp: 1865540
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 5.9 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 35.17 ng

RT: 25.08 min Scan# 3785

Delta R.T. 0.04 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

Instrument :

BNA_G

ClientSampleId :

B7-B2(5-12)CMSD

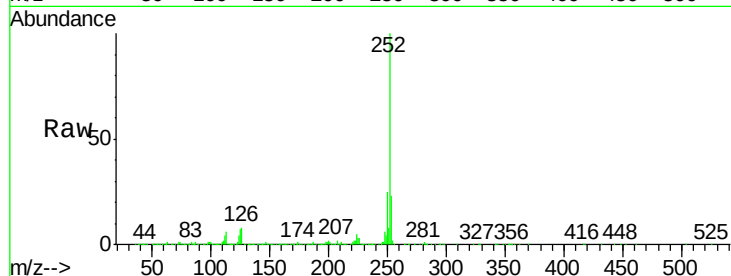
Tgt Ion:252 Resp: 1921834

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

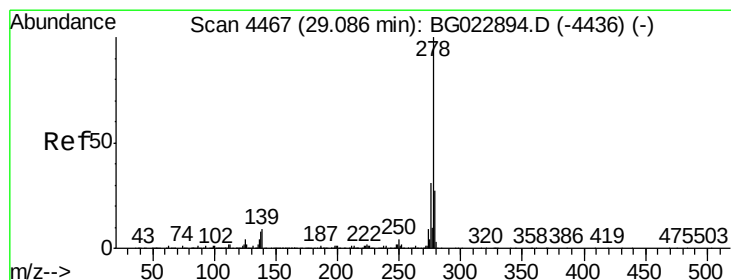
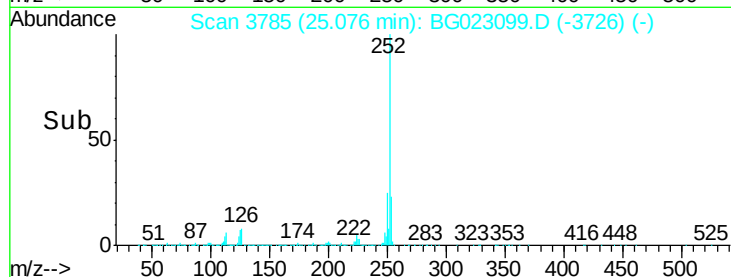
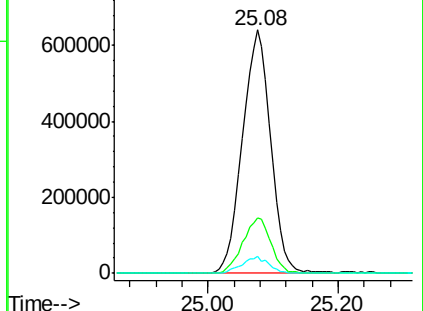
125 6.9 3.9 5.9#



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: 31.48 ng

RT: 29.17 min Scan# 4482

Delta R.T. 0.09 min

Lab File: BG023099.D

Acq: 14 Jul 2016 13:30

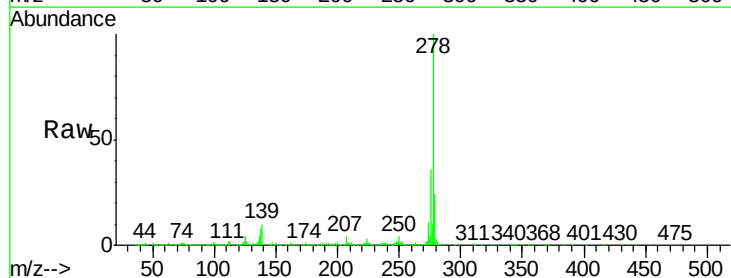
Tgt Ion:278 Resp: 1707502

Ion Ratio Lower Upper

278 100

139 10.2 4.7 7.1#

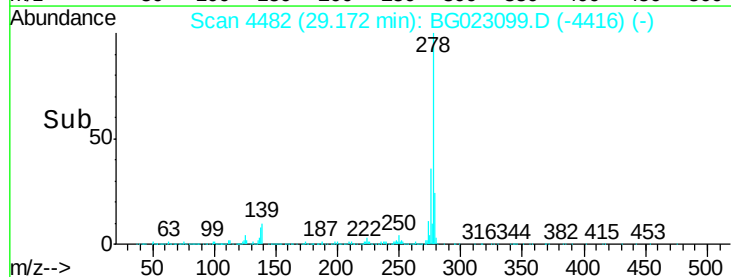
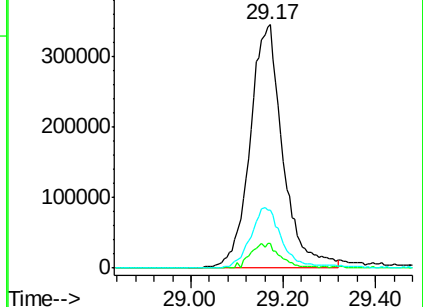
279 23.9 18.3 27.5

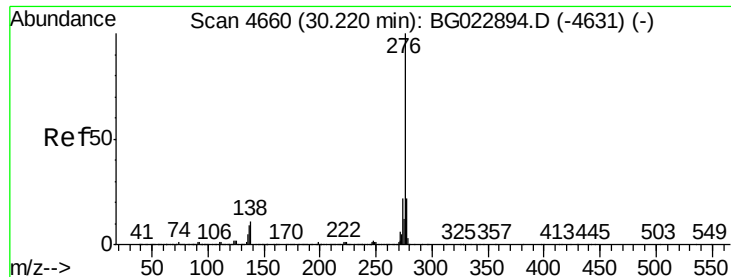


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.79 ng
 RT: 30.31 min Scan# 4676
 Delta R.T. 0.09 min
 Lab File: BG023099.D
 Acq: 14 Jul 2016 13:30

Instrument :
 BNA_G
 ClientSampleId :
 B7-B2(5-12)CMSD

Tgt Ion:276 Resp: 1672380
 Ion Ratio Lower Upper
 276 100
 277 21.8 18.6 27.8
 138 11.1 6.8 10.2#

