

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023077.D
 Acq On : 13 Jul 2016 19:50
 Operator : UM/SJ
 Sample : H3946-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

Quant Time: Jul 14 01:02:14 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	104445	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	497237	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	395031	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	895918	20.00	ng	0.00
75) Chrysene-d12	21.87	240	933314	20.00	ng	0.02
86) Perylene-d12	25.26	264	955763	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	942178	147.54	ng	0.00
7) Phenol-d6	7.32	99	1487607	148.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	1039045	89.48	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	783435	110.35	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1995508	79.57	ng	0.00
78) Terphenyl-d14	20.16	244	2717700	97.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	103886	41.85	ng	97
3) Pyridine	3.97	79	281979	33.20	ng	94
4) n-Nitrosodimethylamine	3.88	42	156792	43.03	ng	# 100
6) Aniline	7.47	93	321590	23.20	ng	99
8) 2-Chlorophenol	7.72	128	351487	51.72	ng	95
9) Benzaldehyde	7.29	77	203416	30.44	ng	92
10) Phenol	7.34	94	547607	53.21	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	362202	44.40	ng	96
12) 1,3-Dichlorobenzene	8.04	146	345083	41.48	ng	92
13) 1,4-Dichlorobenzene	8.19	146	348073	41.80	ng	91
14) 1,2-Dichlorobenzene	8.51	146	347587	41.98	ng	95
15) Benzyl Alcohol	8.40	79	490417	53.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	450179	45.18	ng	95
17) 2-Methylphenol	8.60	107	356209	53.17	ng	94
18) Hexachloroethane	9.25	117	145148	41.29	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	399736	44.33	ng	# 95
20) 3+4-Methylphenols	8.93	107	503674	53.91	ng	94
22) Acetophenone	8.98	105	631772	42.34	ng	# 95
24) Nitrobenzene	9.37	77	584430	47.36	ng	96
25) Isophorone	9.89	82	1044634	44.73	ng	97
26) 2-Nitrophenol	10.09	139	231509	47.82	ng	93
27) 2,4-Dimethylphenol	10.14	122	400375	47.84	ng	91
28) bis(2-Chloroethoxy)methane	10.38	93	591601	45.42	ng	99
29) 2,4-Dichlorophenol	10.63	162	452546	50.70	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	434415	42.47	ng	96
31) Naphthalene	11.03	128	1104090	43.62	ng	98
32) Benzoic acid	10.14	122	400375	52.58	ng	# 11
33) 4-Chloroaniline	11.15	127	142363	11.50	ng	96
34) Hexachlorobutadiene	11.31	225	324329	39.11	ng	91
35) Caprolactam	11.93	113	98920	26.94	ng	97
36) 4-Chloro-3-methylphenol	12.27	107	562441	46.07	ng	93
37) 2-Methylnaphthalene	12.63	142	912359	45.60	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	591146	34.73	ng	97
40) Hexachlorocyclopentadiene	12.97	237	729555	74.44	ng	99

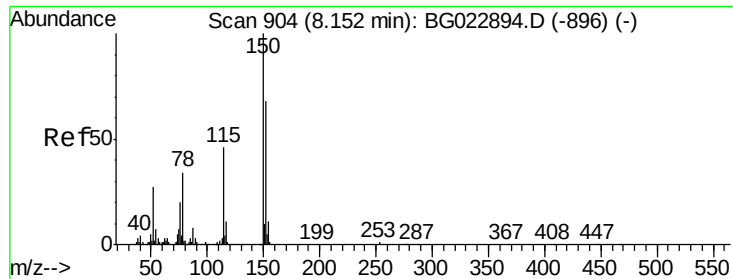
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	440715	45.04	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	472331	47.01	ng	92
45) 1,1'-Biphenyl	13.64	154	1278567	43.14	ng	98
46) 2-Chloronaphthalene	13.68	162	1052223	43.76	ng	97
47) 2-Nitroaniline	13.89	65	464938	45.32	ng	92
48) Acenaphthylene	14.53	152	1562293	43.32	ng	99
49) Dimethylphthalate	14.25	163	1936986	60.03	ng	# 96
50) 2,6-Dinitrotoluene	14.38	165	326932	45.08	ng	90
51) Acenaphthene	14.87	154	1018674	43.22	ng	99
52) 3-Nitroaniline	14.71	138	165972	22.95	ng	95
53) 2,4-Dinitrophenol	14.92	184	133778	26.88	ng	96
54) Dibenzofuran	15.20	168	1632689	46.28	ng	99
55) 4-Nitrophenol	15.03	139	486734	80.30	ng	95
56) 2,4-Dinitrotoluene	15.17	165	471451	44.59	ng	# 98
57) Fluorene	15.85	166	1325437	43.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	463989	46.15	ng	99
59) Diethylphthalate	15.61	149	1448203	44.11	ng	97
60) 4-Chlorophenyl-phenylether	15.84	204	777384	42.04	ng	97
61) 4-Nitroaniline	15.88	138	315560	40.33	ng	# 86
62) Azobenzene	16.13	77	1551107	49.39	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	260662	39.15	ng	96
65) n-Nitrosodiphenylamine	16.06	169	1241139	48.08	ng	95
66) 4-Bromophenyl-phenylether	16.74	248	522649	44.84	ng	95
67) Hexachlorobenzene	16.86	284	546319	43.11	ng	98
68) Atrazine	17.00	200	516924	45.15	ng	97
69) Pentachlorophenol	17.21	266	674579	82.19	ng	99
70) Phenanthrene	17.60	178	2039902	46.46	ng	97
71) Anthracene	17.70	178	2065979	46.47	ng	98
72) Carbazole	17.97	167	1831601	47.68	ng	99
73) Di-n-butylphthalate	18.51	149	2111186	49.42	ng	98
74) Fluoranthene	19.61	202	2317533	43.01	ng	98
76) Benzidine	19.79	184	1178372	44.04	ng	100
77) Pyrene	19.97	202	2307030	43.99	ng	96
79) Butylbenzylphthalate	20.85	149	1051120	50.60	ng	95
80) Benzo(a)anthracene	21.85	228	2420850	46.36	ng	99
81) 3,3'-Dichlorobenzidine	21.76	252	546740	23.85	ng	95
82) Chrysene	21.92	228	2238664	45.70	ng	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1423078	49.33	ng	97
84) Di-n-octyl phthalate	23.00	149	2363241	49.13	ng	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2741753	43.90	ng	# 100
87) Benzo(b)fluoranthene	24.18	252	2554653	46.33	ng	# 98
88) Benzo(k)fluoranthene	24.25	252	2395771	45.78	ng	# 96
89) Benzo(a)pyrene	25.09	252	2447663	46.31	ng	# 99
90) Dibenzo(a,h)anthracene	29.20	278	2307782	43.99	ng	# 92
91) Benzo(g,h,i)perylene	30.35	276	2243213	42.70	ng	# 95

(#) = 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

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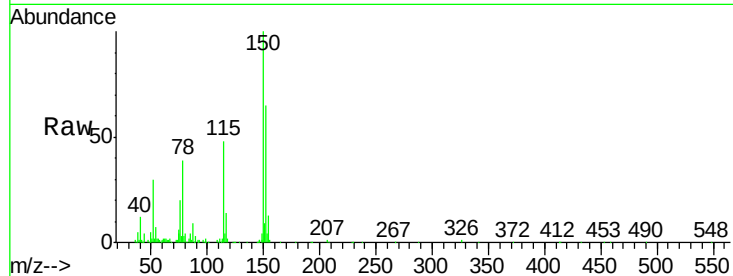
Tgt Ion:152 Resp: 104445

Ion Ratio Lower Upper

152 100

150 153.2 144.7 217.1

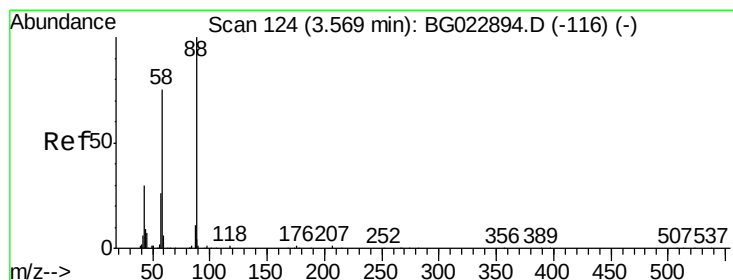
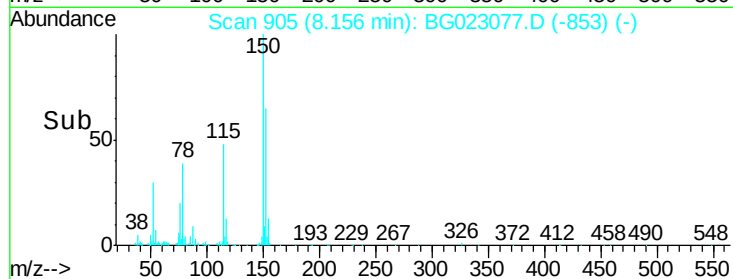
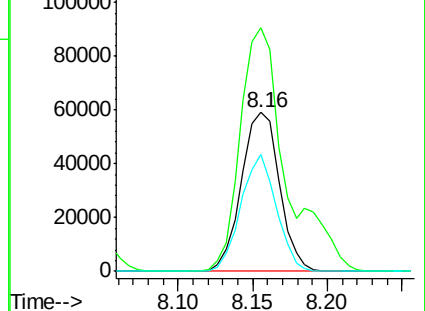
115 73.6 64.0 96.0



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: 41.85 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

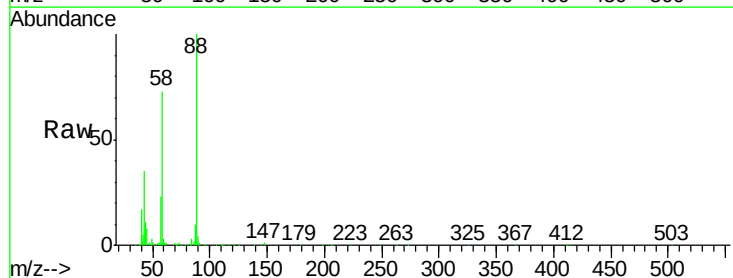
Tgt Ion: 88 Resp: 103886

Ion Ratio Lower Upper

88 100

58 74.4 60.4 90.6

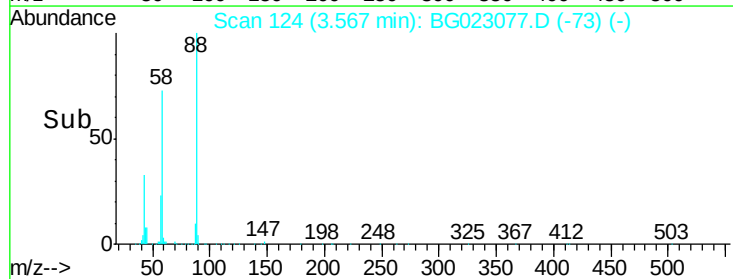
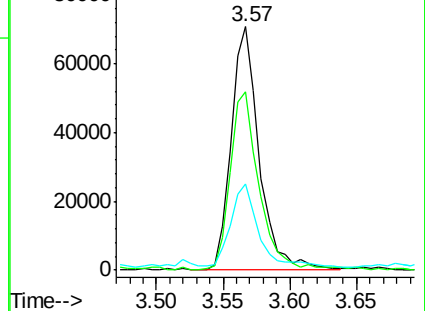
43 34.3 31.1 46.7

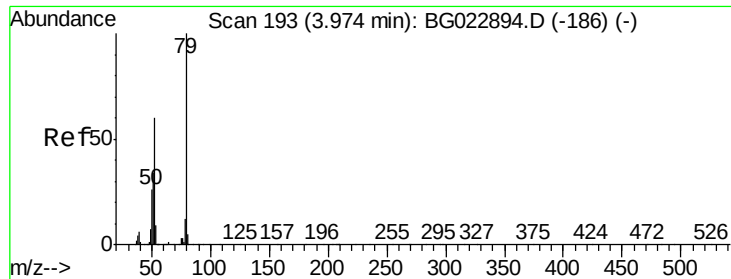


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.20 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

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ClientSampleId :

P7-B5(6-12)CMSD

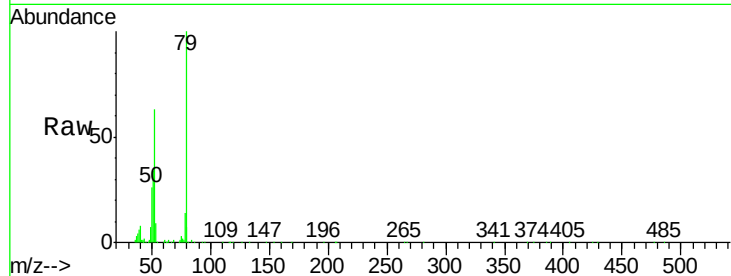
Tgt Ion: 79 Resp: 281979

Ion Ratio Lower Upper

79 100

52 62.7 51.8 77.8

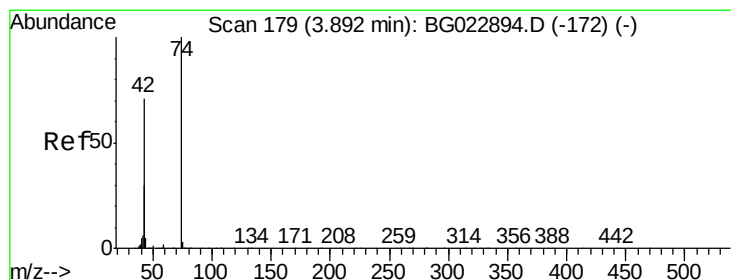
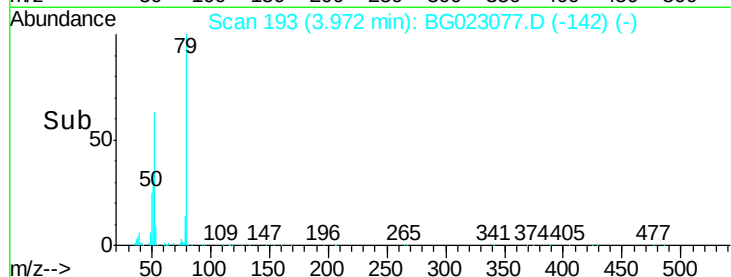
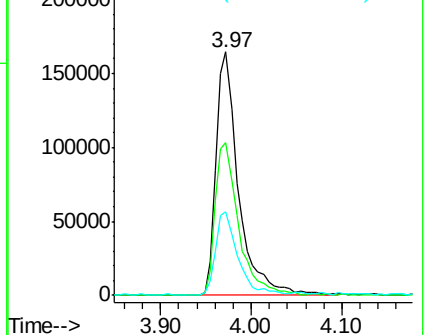
51 34.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.03 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

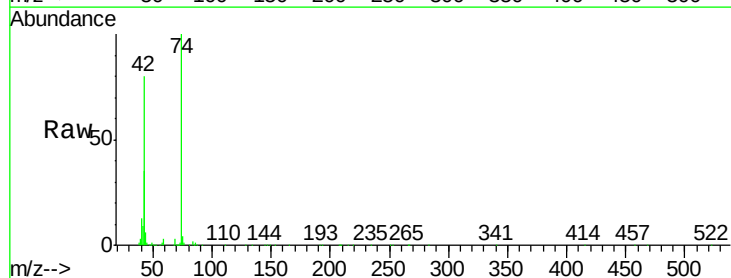
Tgt Ion: 42 Resp: 156792

Ion Ratio Lower Upper

42 100

74 125.7 100.6 150.8

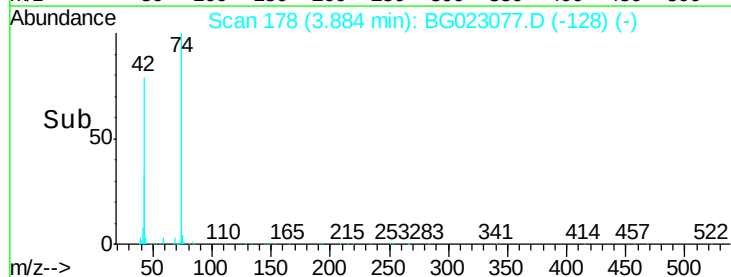
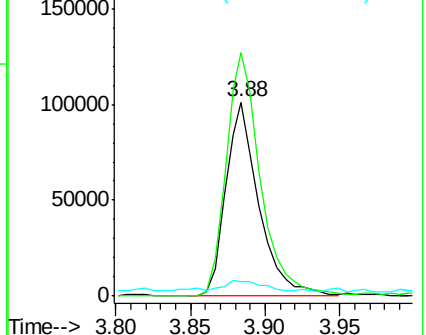
44 7.2 4.5 6.7#

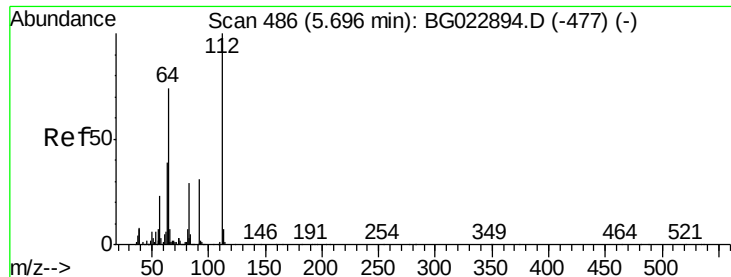


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 147.54 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023077.D

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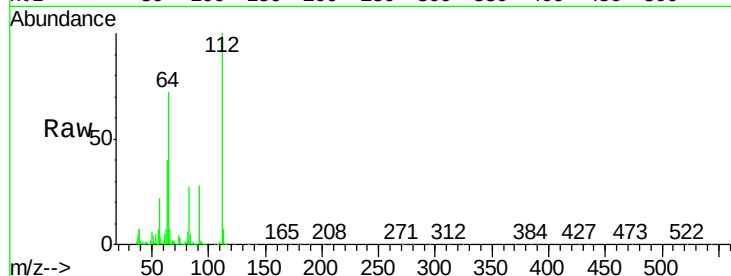
Tgt Ion: 112 Resp: 942178

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

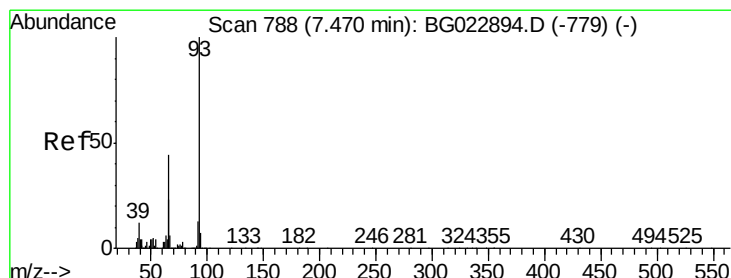
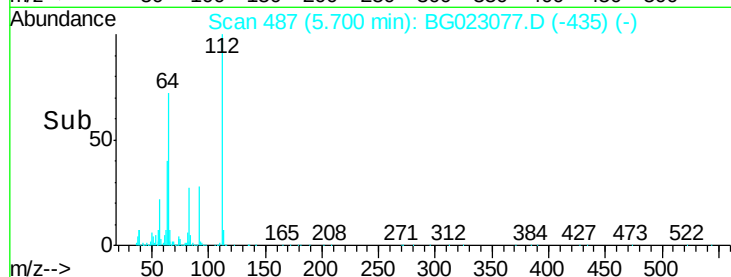
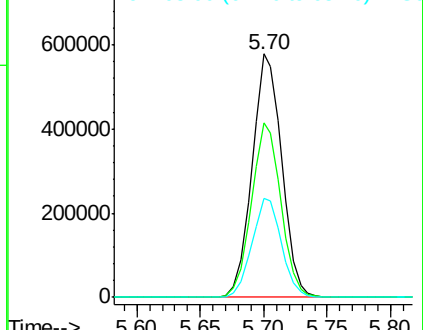
63 40.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.20 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

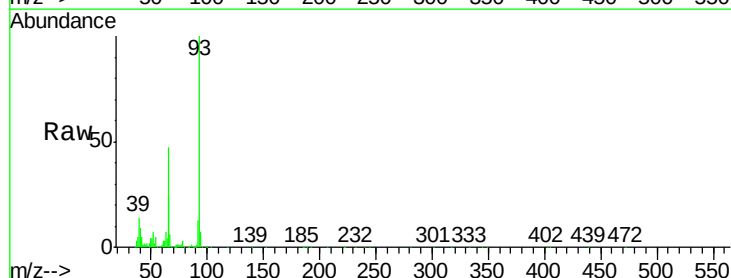
Tgt Ion: 93 Resp: 321590

Ion Ratio Lower Upper

93 100

66 47.3 37.5 56.3

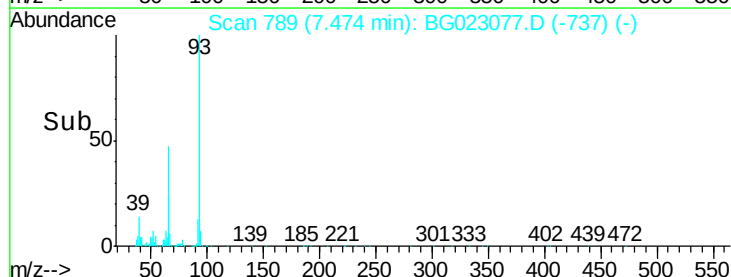
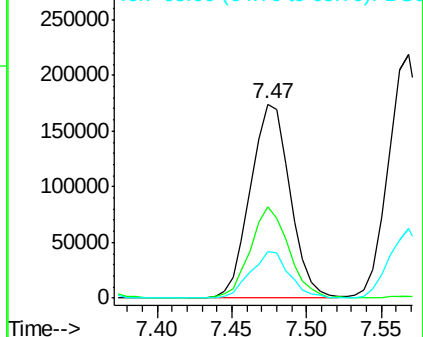
65 24.0 17.9 26.9

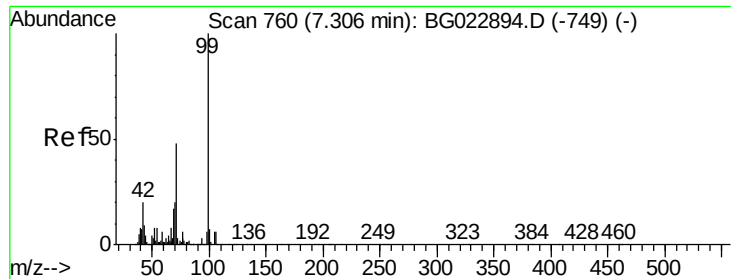


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.73 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

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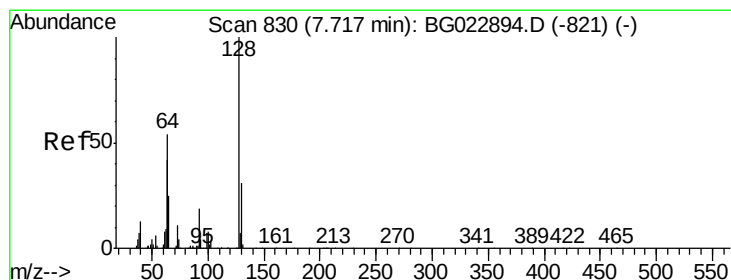
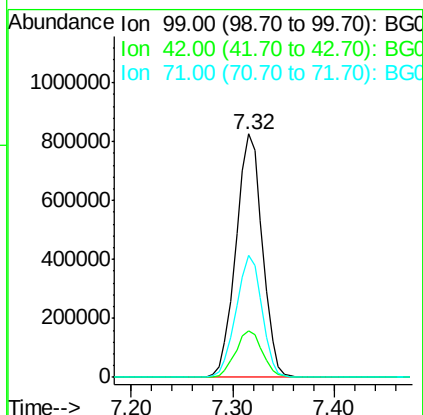
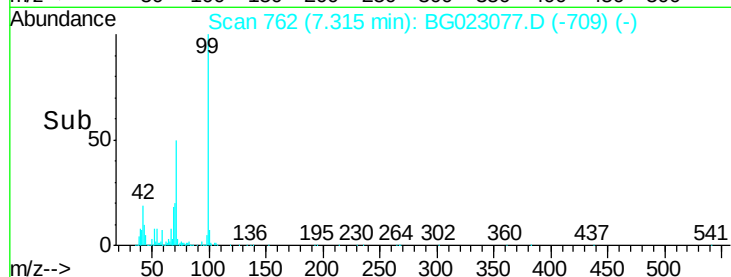
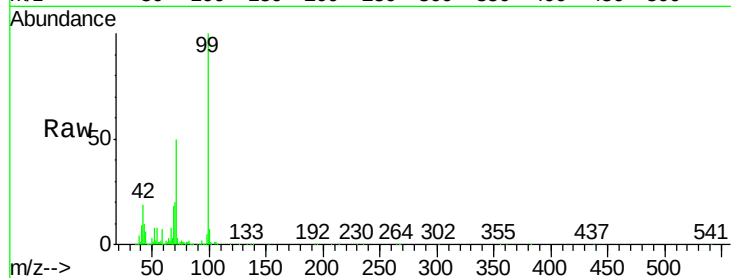
Tgt Ion: 99 Resp: 1487607

Ion Ratio Lower Upper

99 100

42 19.3 17.8 26.6

71 50.3 41.5 62.3



#8

2-Chlorophenol

Concen: 51.72 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

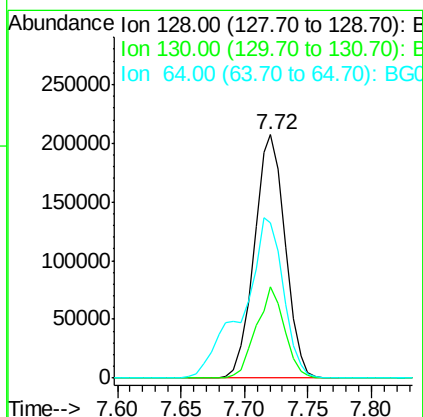
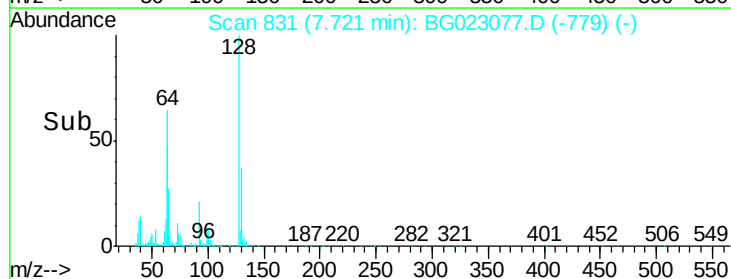
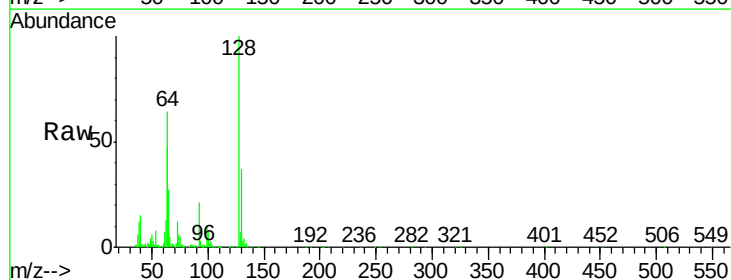
Tgt Ion: 128 Resp: 351487

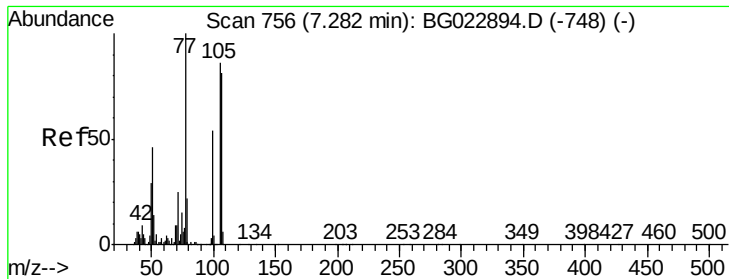
Ion Ratio Lower Upper

128 100

130 37.5 12.9 52.9

64 64.0 42.0 82.0





#9

Benzaldehyde

Concen: 30.44 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

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Instrument :

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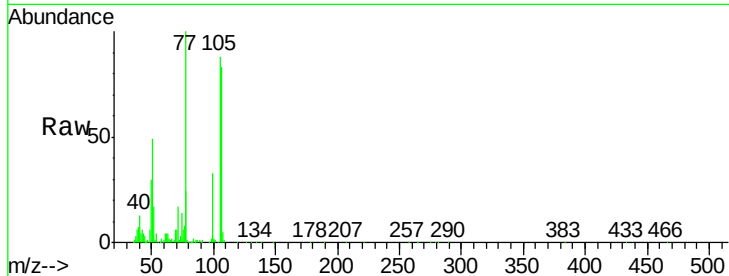
Tgt Ion: 77 Resp: 203416

Ion Ratio Lower Upper

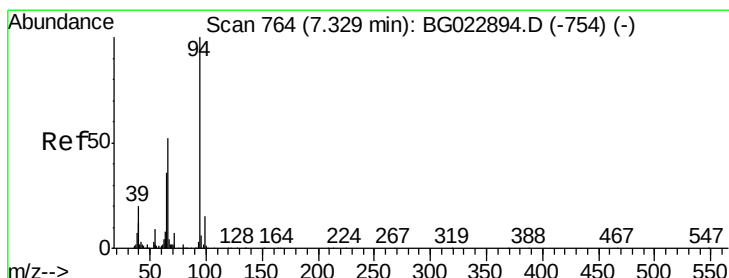
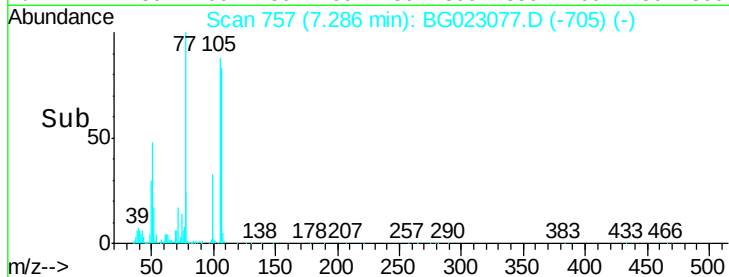
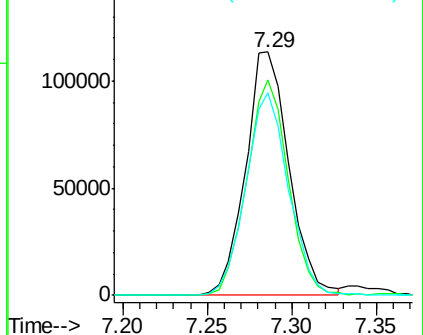
77 100

105 88.3 58.7 98.7

106 83.0 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: 53.21 ng

RT: 7.34 min Scan# 767

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

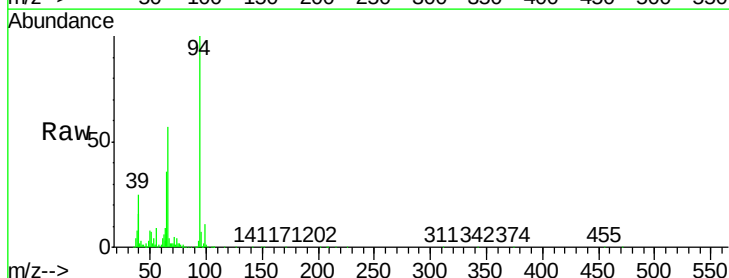
Tgt Ion: 94 Resp: 547607

Ion Ratio Lower Upper

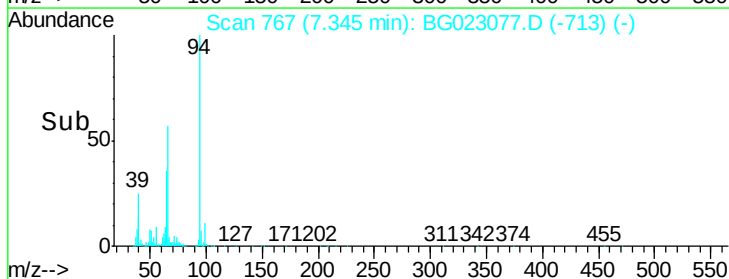
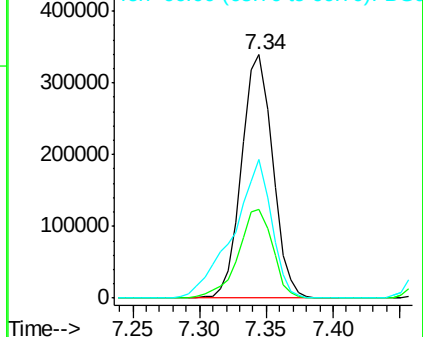
94 100

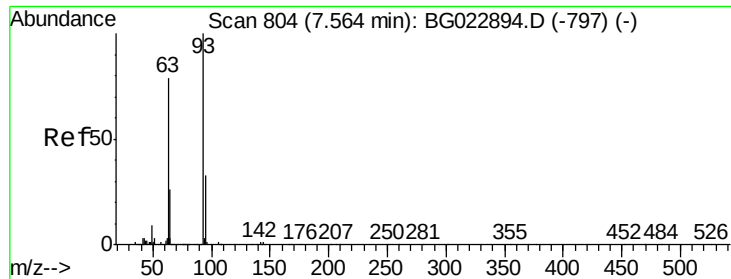
65 36.2 18.1 58.1

66 56.8 42.1 82.1



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

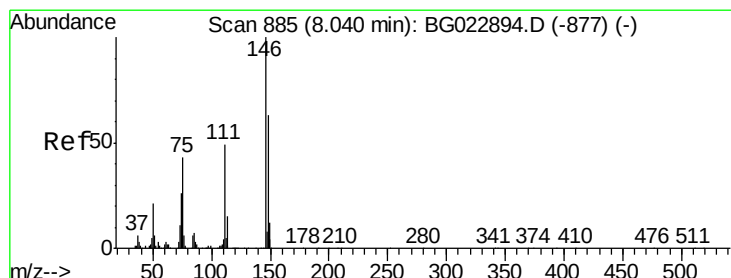
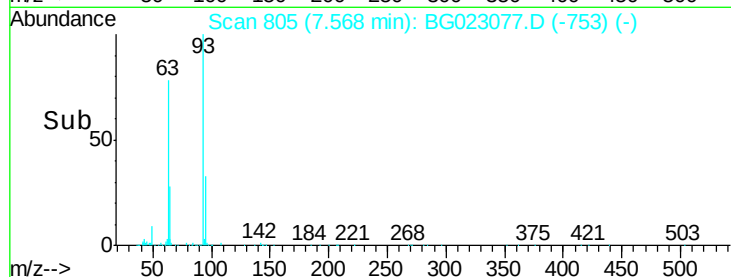
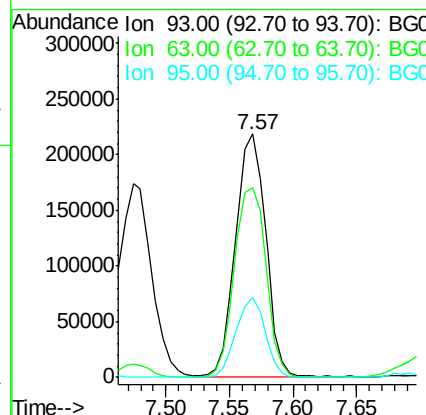
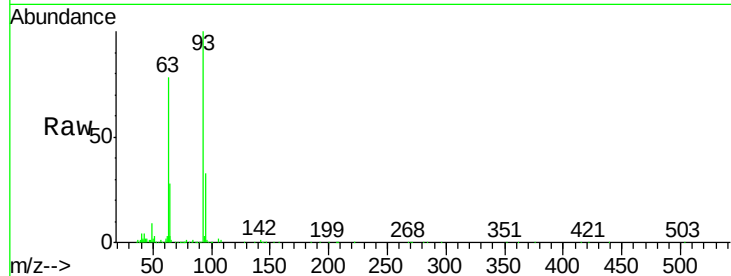




#11
 bis(2-Chloroethyl)ether
 Concen: 44.40 ng
 RT: 7.57 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

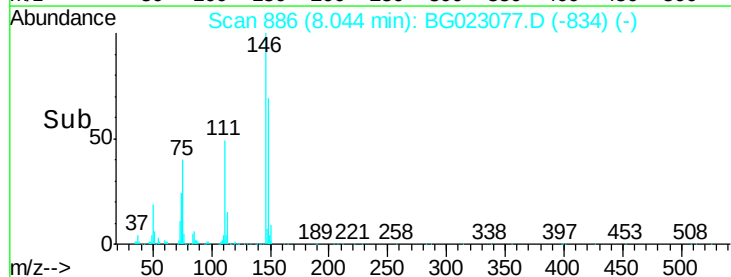
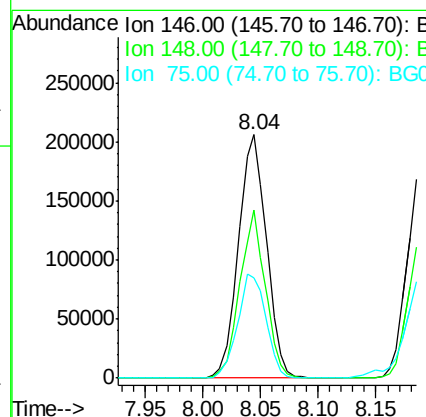
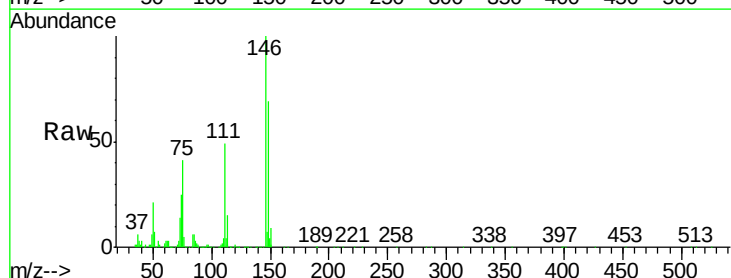
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

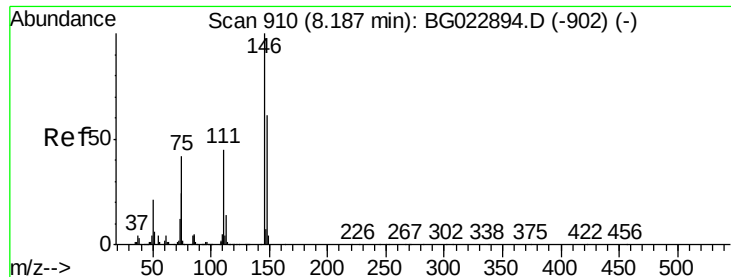
Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.0	95.0
95	32.7	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 41.48 ng
 RT: 8.04 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	50.3	75.5
75	41.4	37.0	55.6

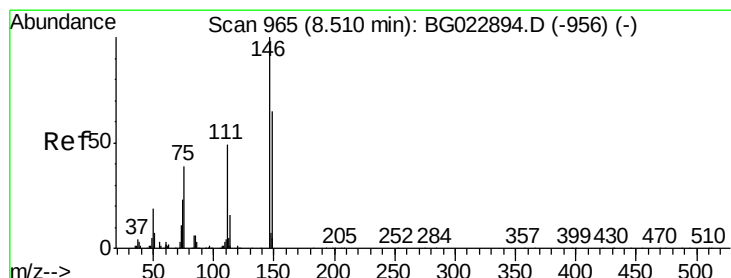
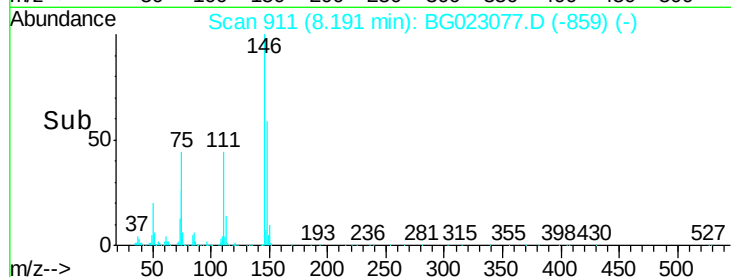
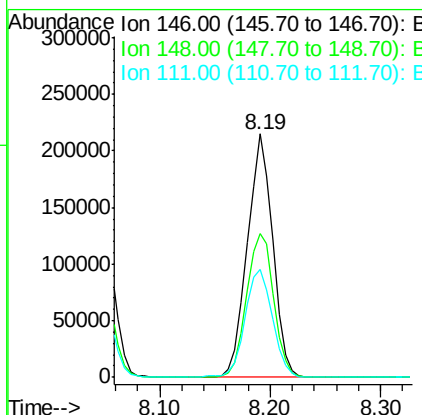
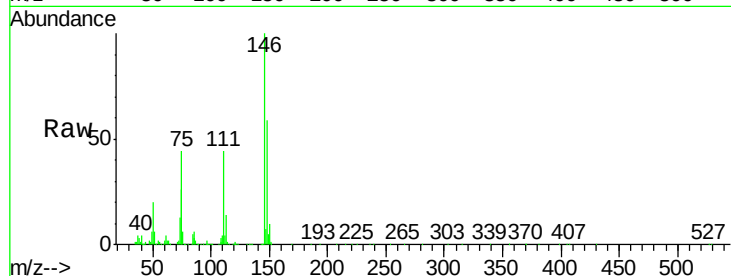




#13
 1,4-Dichlorobenzene
 Concen: 41.80 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

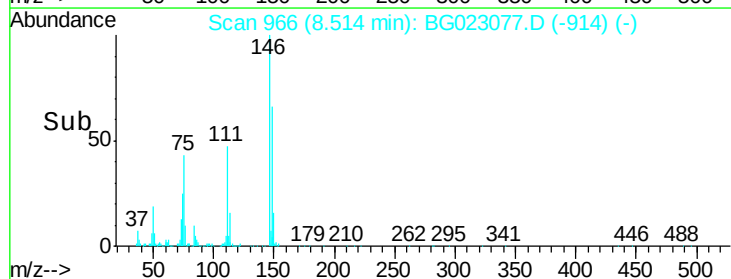
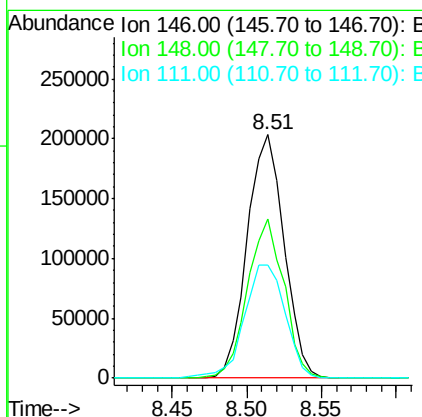
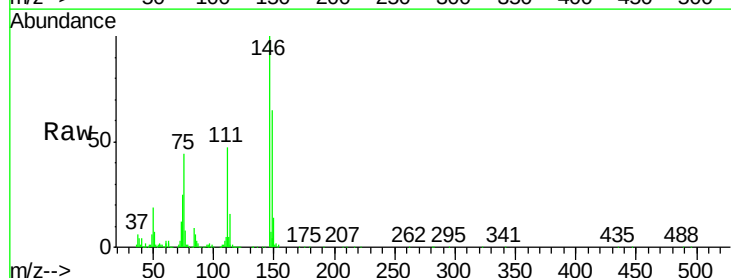
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

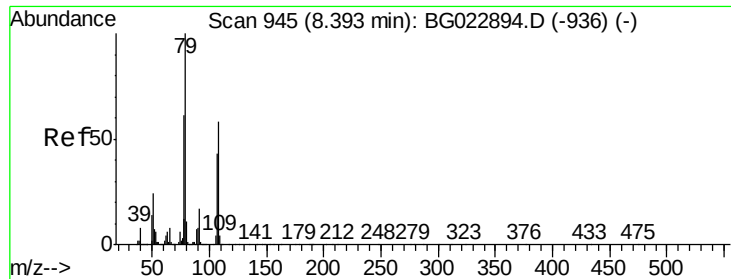
Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.8	54.5	81.7
111	44.3	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 41.98 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.9	79.3
111	46.7	43.5	65.3

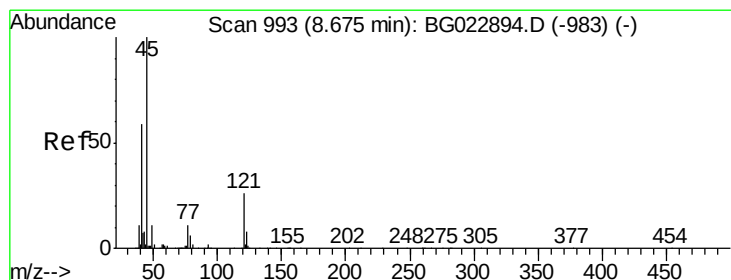
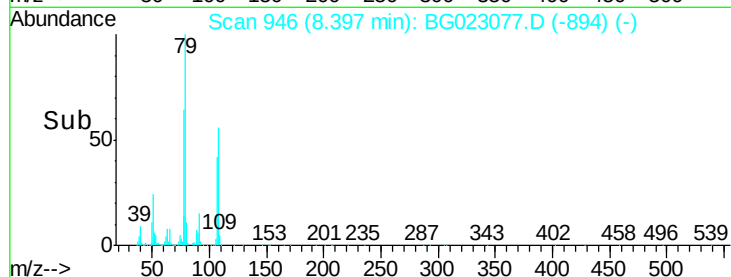
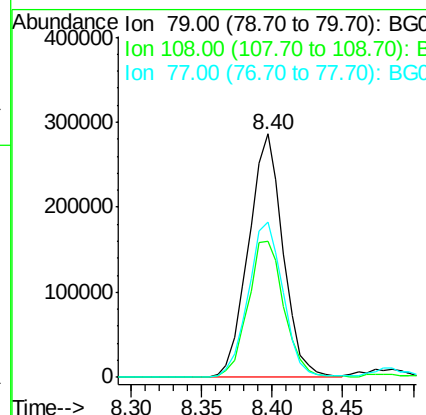
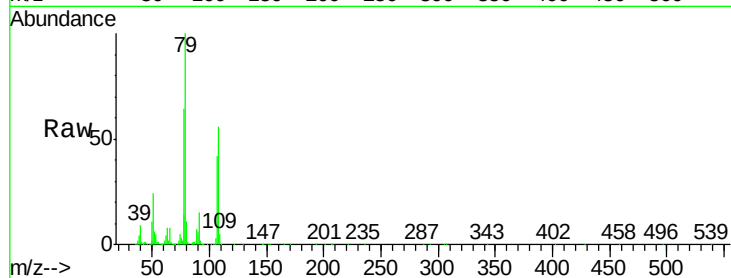




#15
Benzyl Alcohol
Concen: 53.53 ng
RT: 8.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

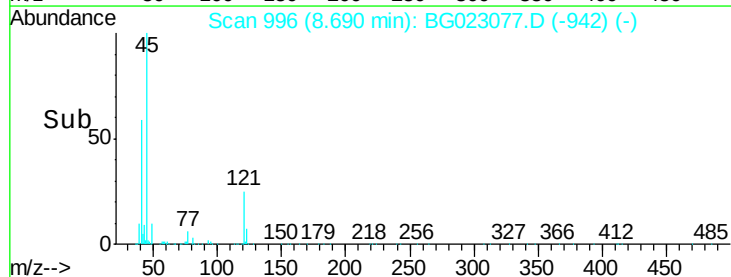
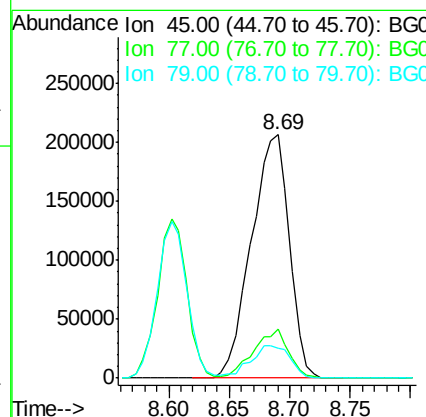
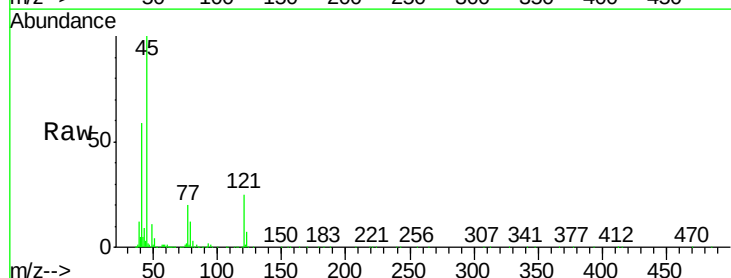
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

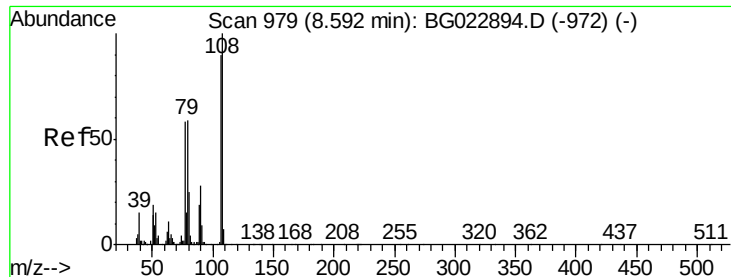
Tgt Ion	Ratio	Lower	Upper
79	100		
108	55.9	46.5	69.7
77	63.9	52.3	78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.18 ng
RT: 8.69 min Scan# 996
Delta R.T. 0.02 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.6	40.6
79	12.4	0.0	36.2





#17

2-Methylphenol

Concen: 53.17 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tgt Ion:107 Resp: 356209

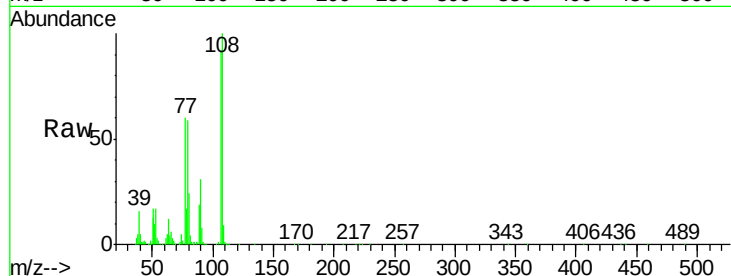
Ion Ratio Lower Upper

107 100

108 108.4 92.0 138.0

77 64.5 55.8 83.6

79 63.5 55.0 82.6

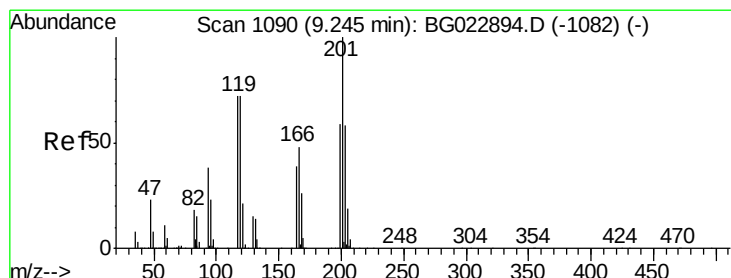
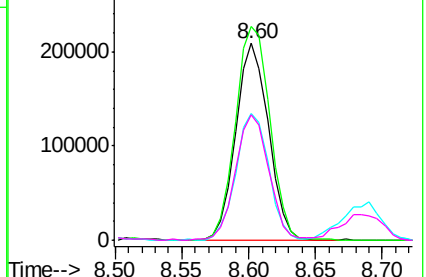
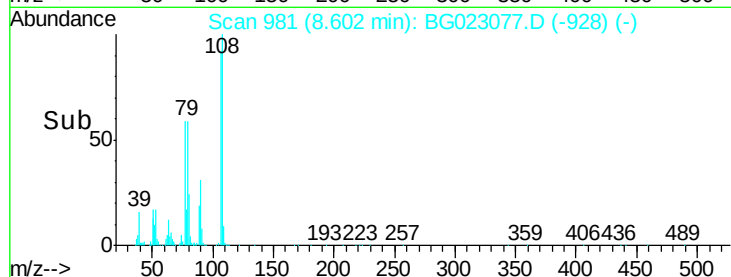


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.29 ng

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

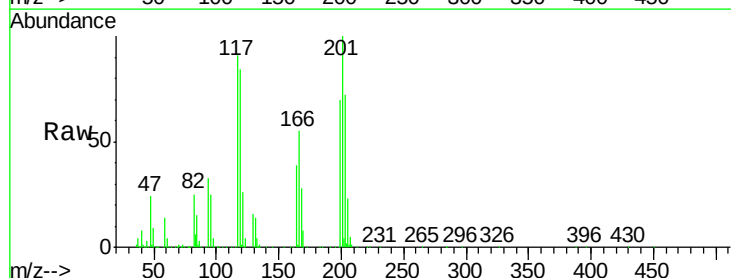
Tgt Ion:117 Resp: 145148

Ion Ratio Lower Upper

117 100

119 93.3 73.7 110.5

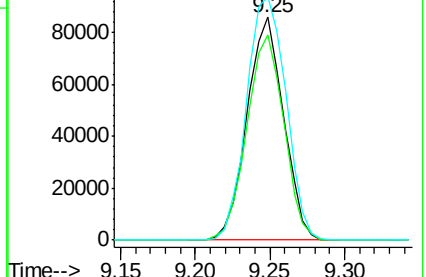
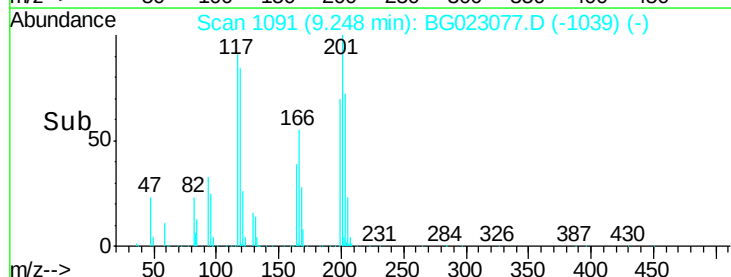
201 109.4 88.7 133.1

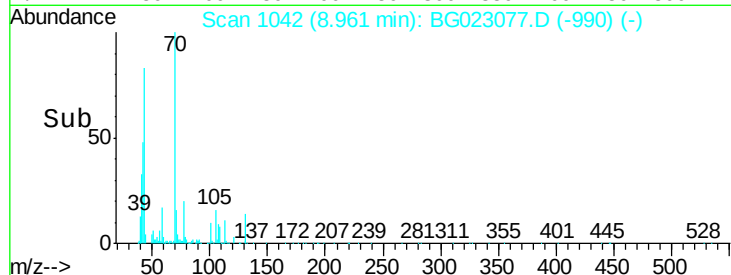
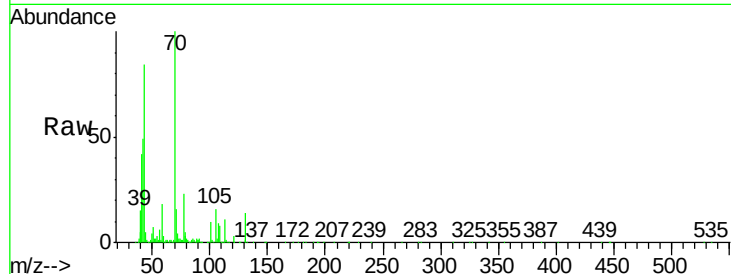
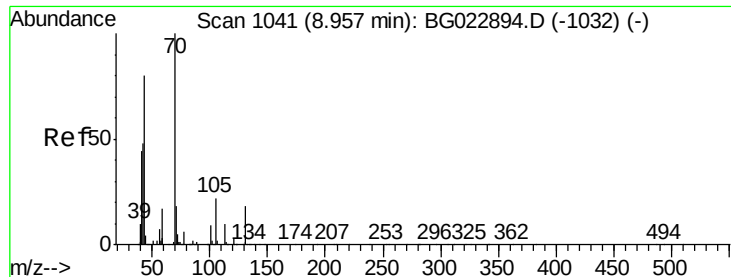


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

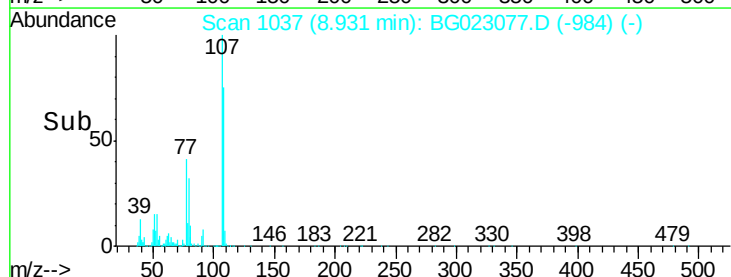
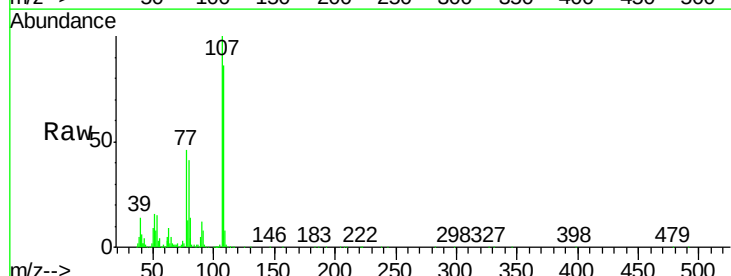
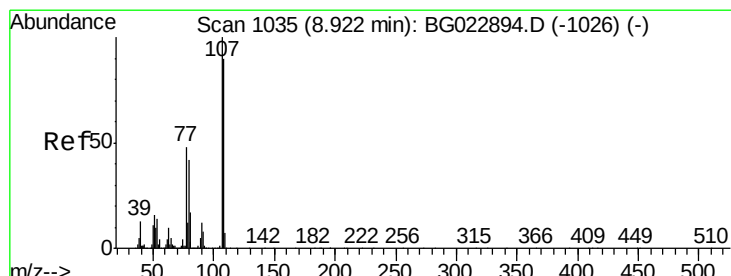
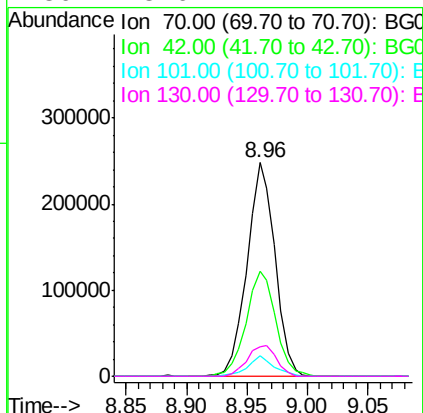




#19
n-Nitroso-di-n-propylamine
Concen: 44.33 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

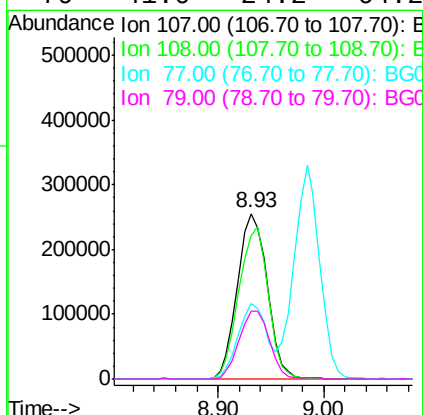
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

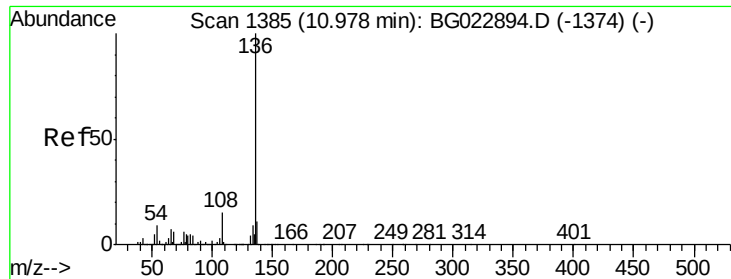
Tgt Ion:	70	Resp:	399736
Ion	Ratio	Lower	Upper
70	100		
42	49.2	42.1	63.1
101	9.6	7.2	10.8
130	13.6	14.2	21.2#



#20
3+4-Methylphenols
Concen: 53.91 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:	107	Resp:	503674
Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.5	112.5
77	45.7	30.1	70.1
79	41.0	24.2	64.2

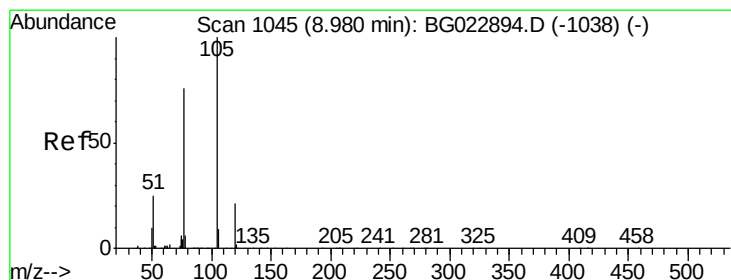
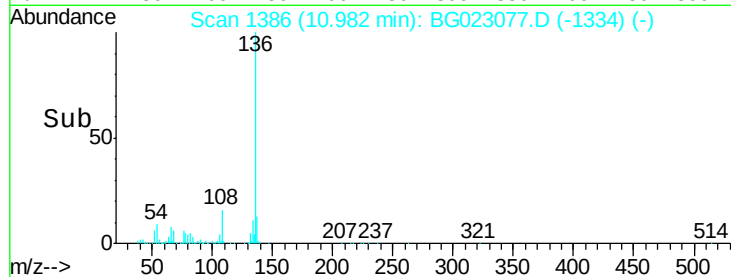
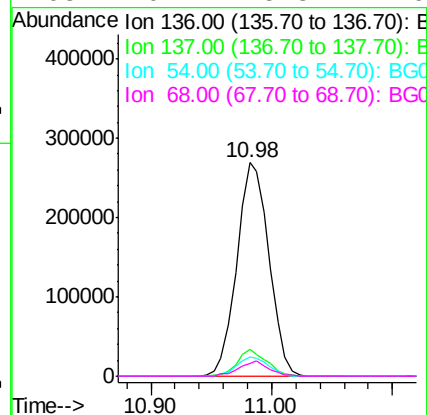
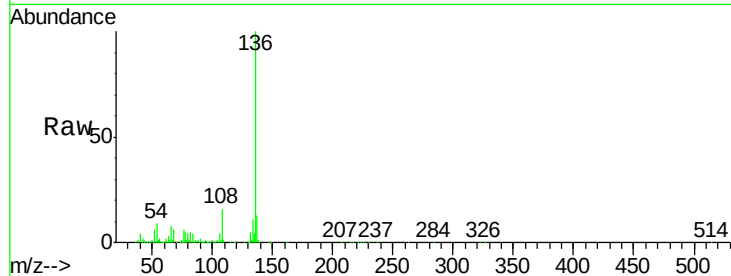




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

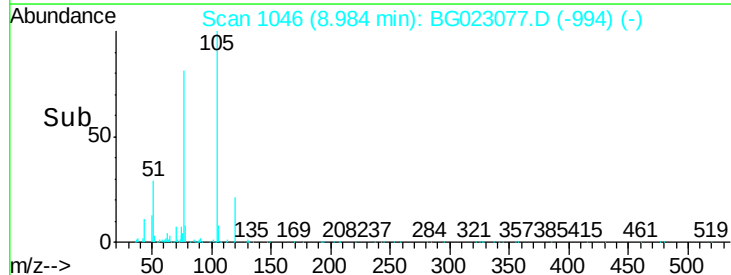
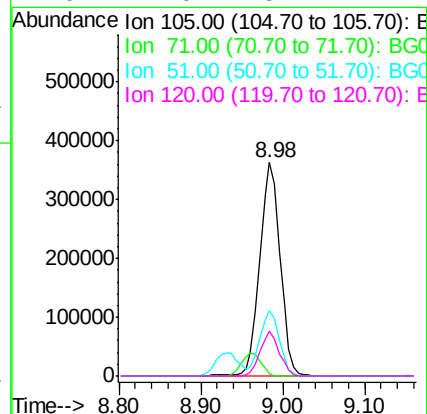
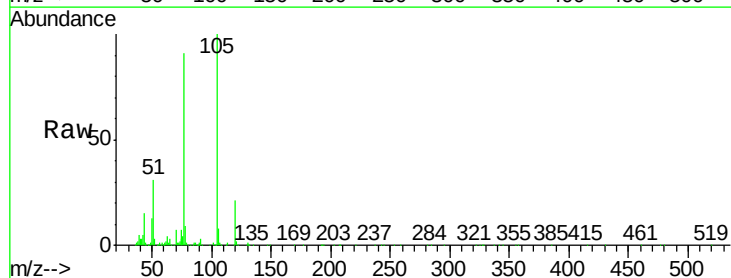
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

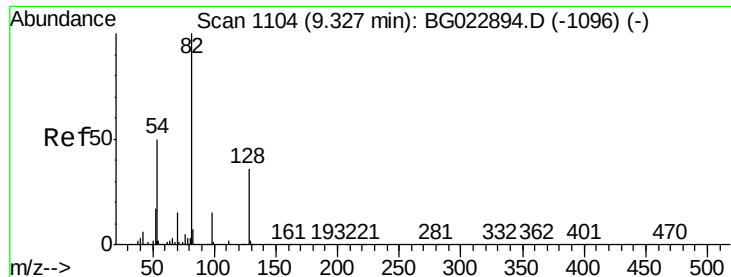
Tgt Ion:	136	Resp:	497237
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	9.0	7.3	10.9
68	6.2	5.3	7.9



#22
Acetophenone
Concen: 42.34 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:	105	Resp:	631772
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	30.6	27.1	40.7
120	21.0	15.1	22.7

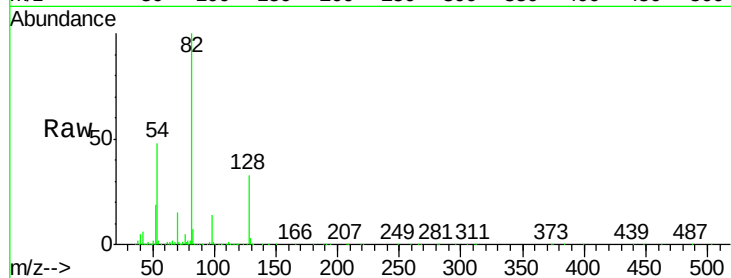




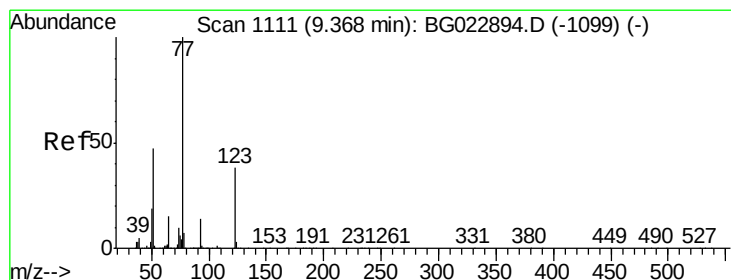
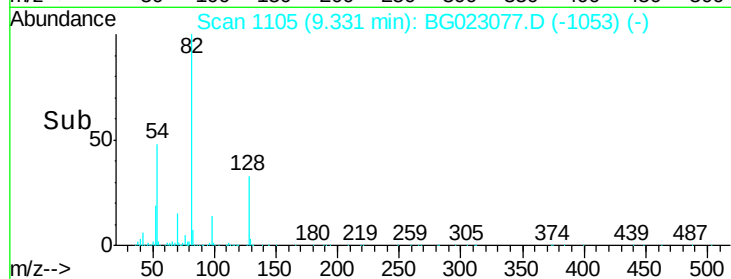
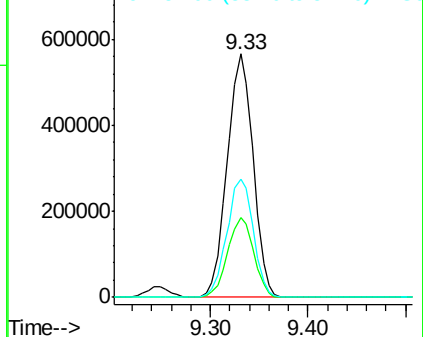
#23
 Nitrobenzene-d5
 Concen: 89.48 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

Tgt Ion: 82 Resp: 1039045
 Ion Ratio Lower Upper
 82 100
 128 32.9 24.4 36.6
 54 48.3 41.4 62.0

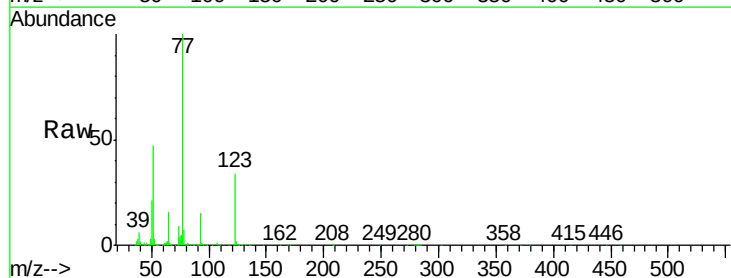


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

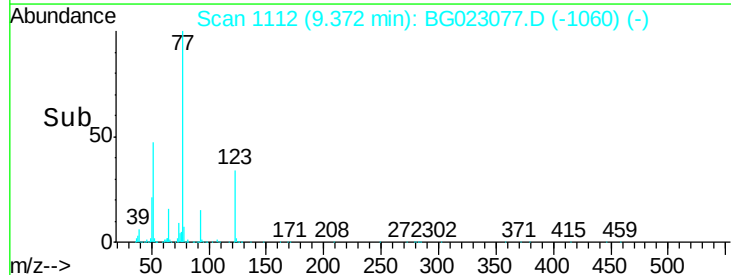
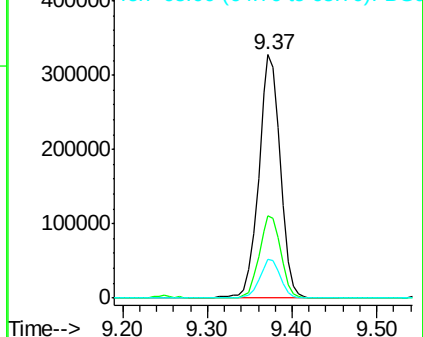


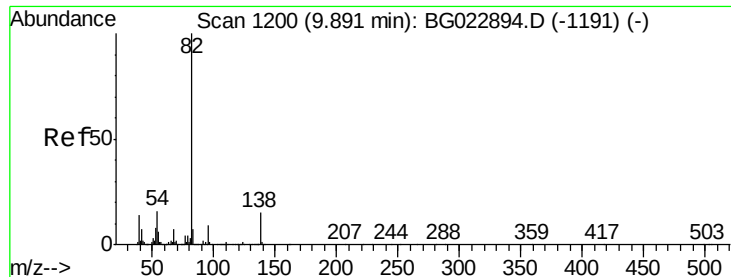
#24
 Nitrobenzene
 Concen: 47.36 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion: 77 Resp: 584430
 Ion Ratio Lower Upper
 77 100
 123 33.9 25.0 37.6
 65 16.0 13.4 20.0



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





#25

Isophorone

Concen: 44.73 ng

RT: 9.89 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

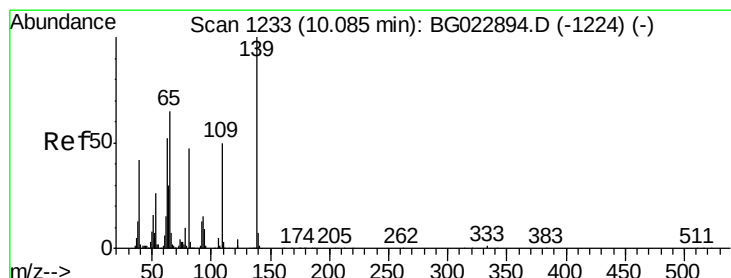
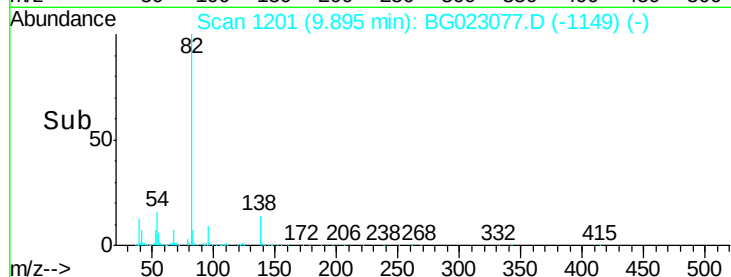
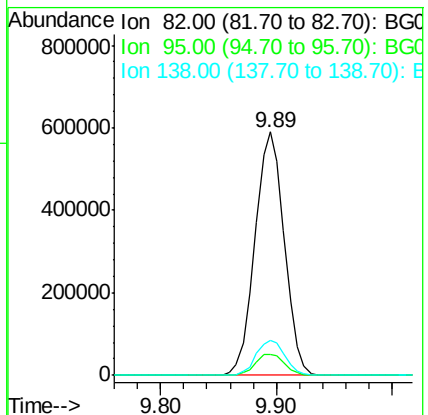
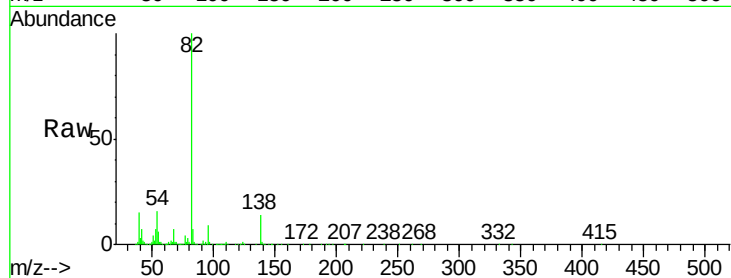
Tgt Ion: 82 Resp: 1044634

Ion Ratio Lower Upper

82 100

95 8.8 8.2 12.2

138 14.2 10.7 16.1



#26

2-Nitrophenol

Concen: 47.82 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

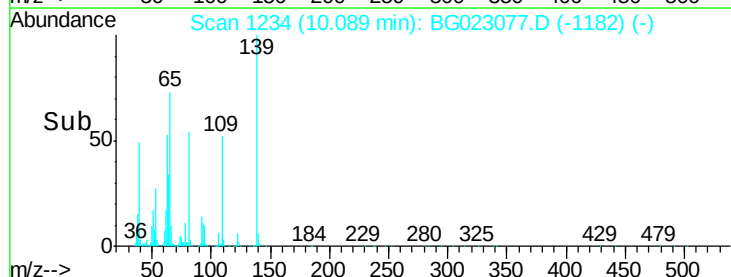
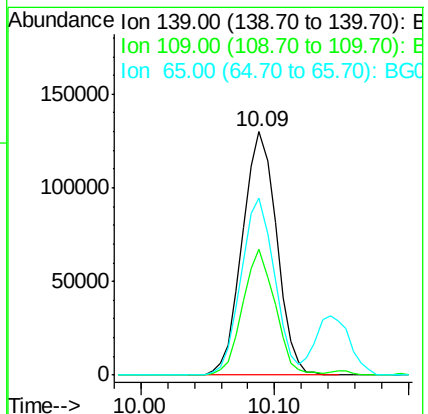
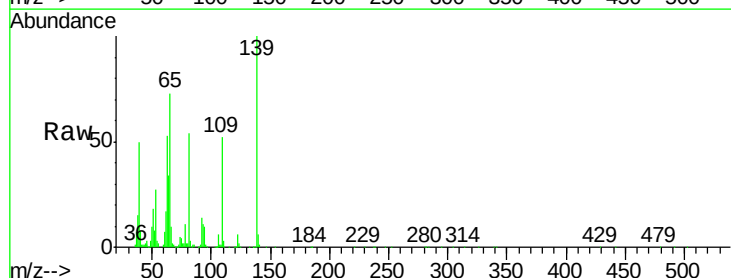
Tgt Ion: 139 Resp: 231509

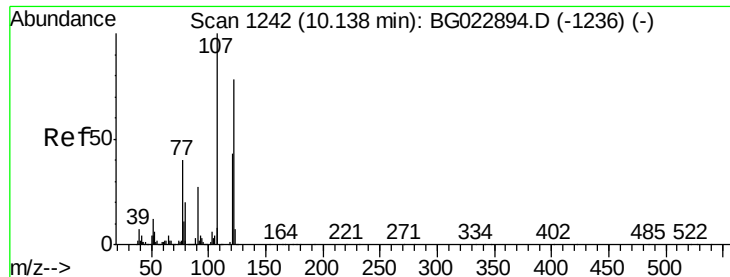
Ion Ratio Lower Upper

139 100

109 51.8 43.5 65.3

65 72.7 64.3 96.5

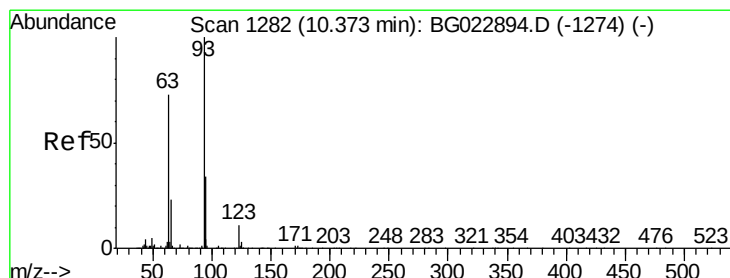
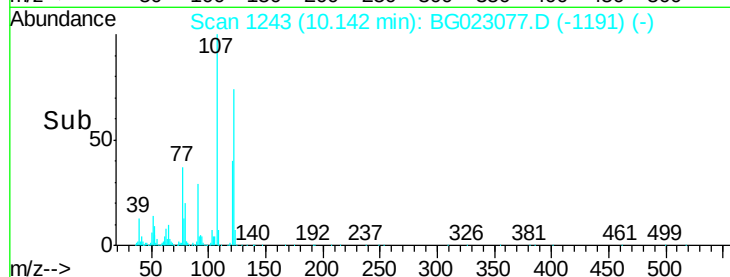
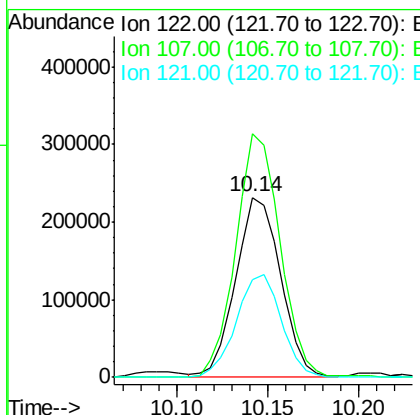
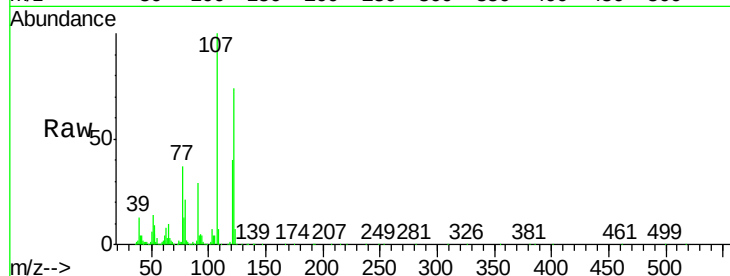




#27
 2,4-Dimethylphenol
 Concen: 47.84 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

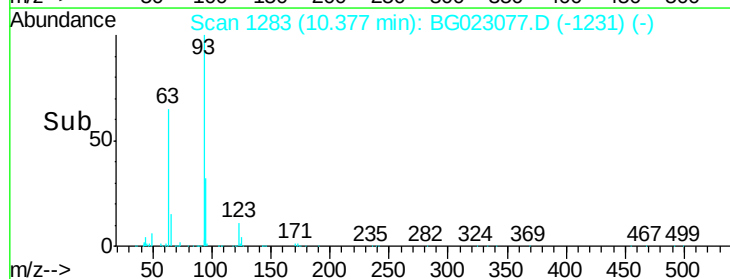
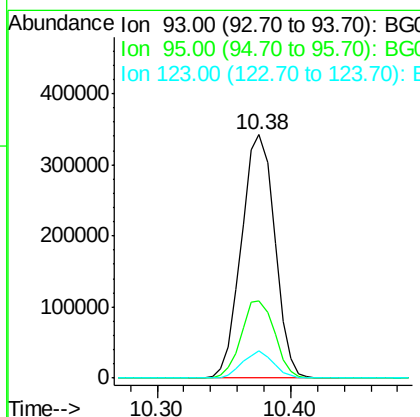
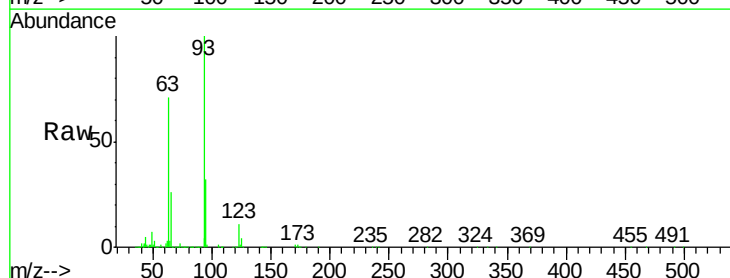
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

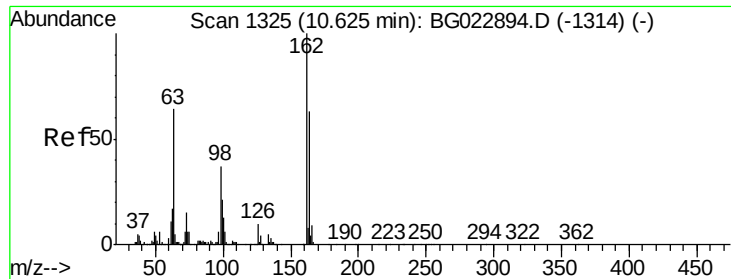
Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.1	117.0	175.4
121	54.3	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.42 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.4	38.2
123	11.1	8.2	12.2

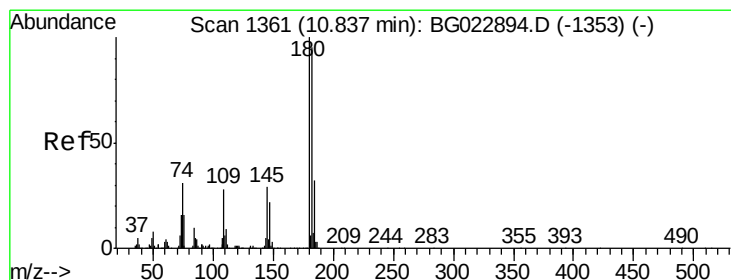
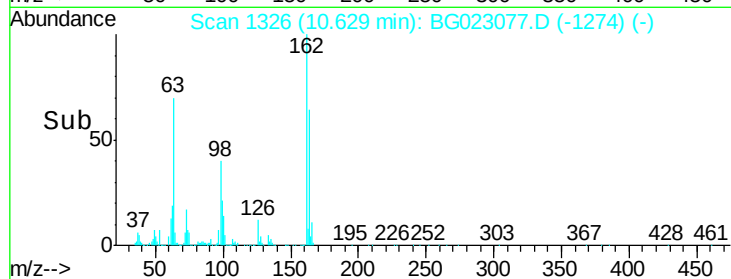
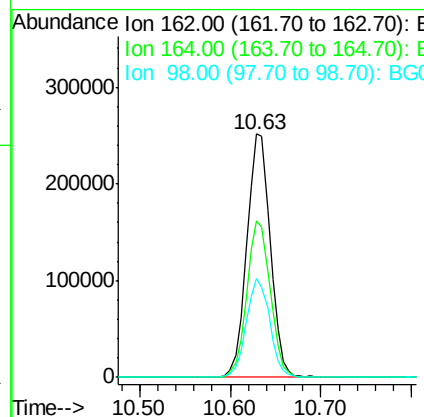
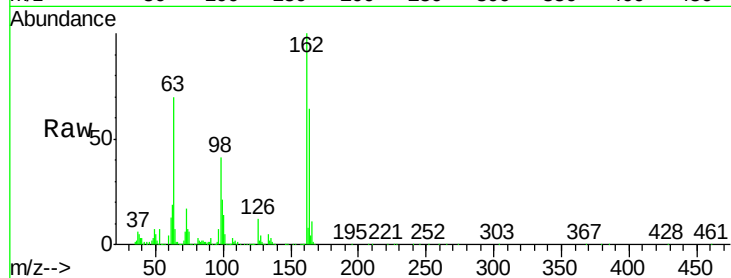




#29
 2,4-Dichlorophenol
 Concen: 50.70 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

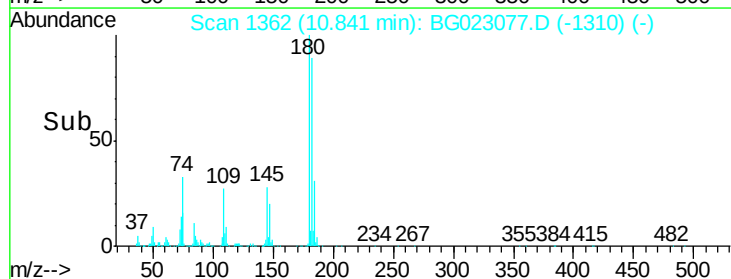
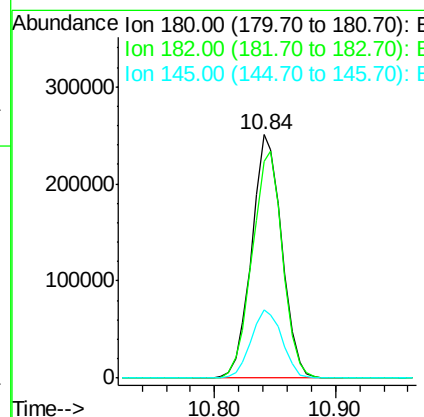
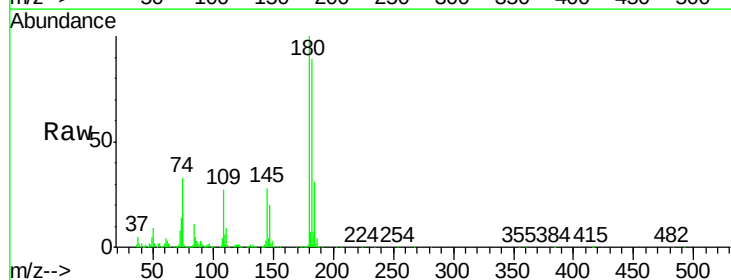
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

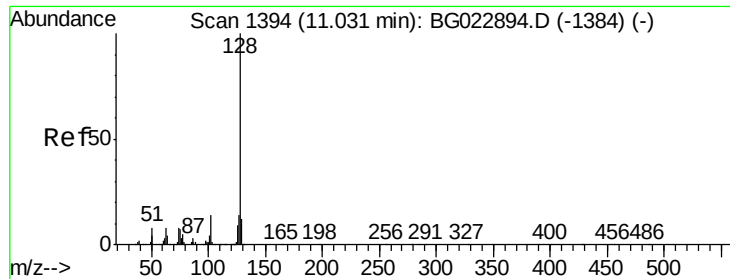
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	40.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.47 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.9	73.8	110.8
145	27.9	24.4	36.6

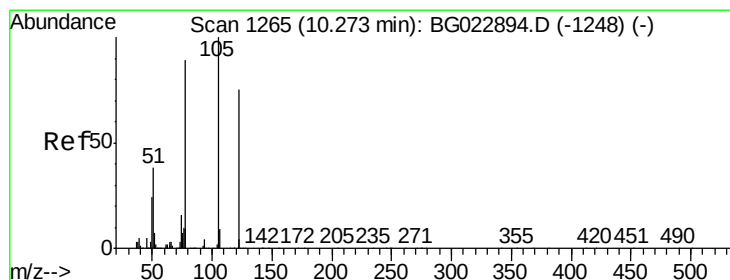
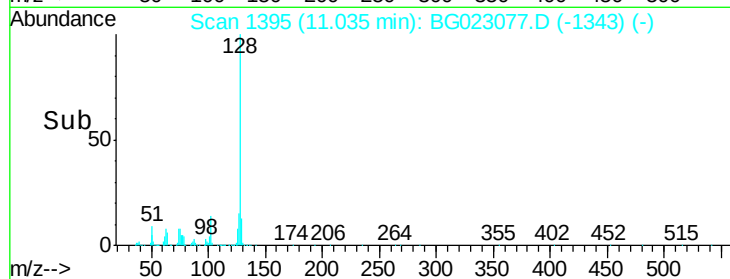
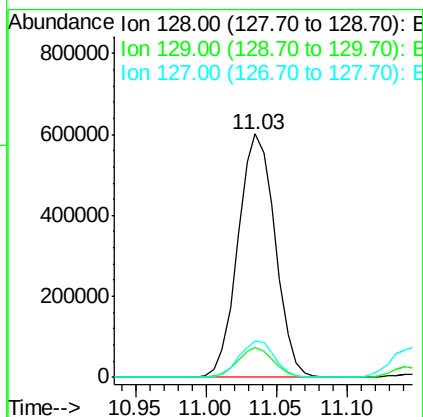
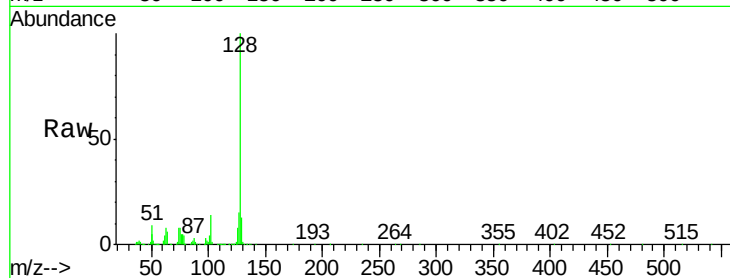




#31
Naphthalene
Concen: 43.62 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

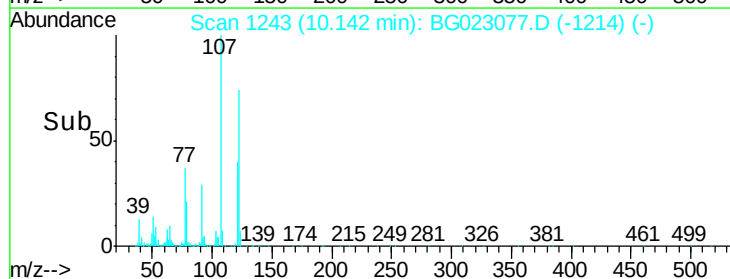
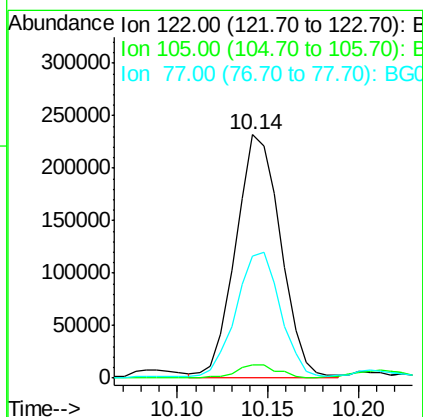
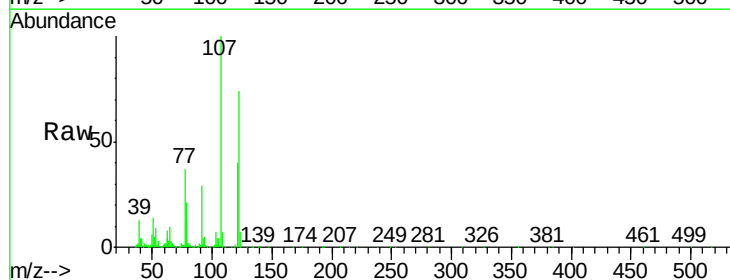
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

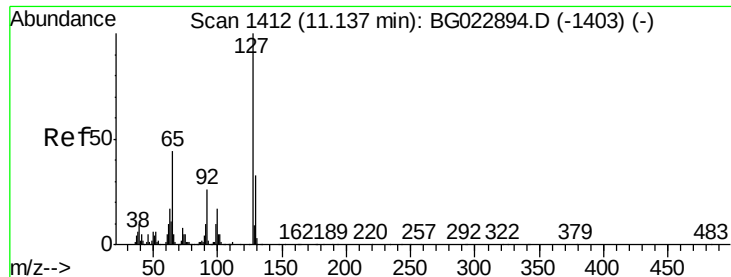
Tgt Ion:128 Resp: 1104090
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 52.58 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.13 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:122 Resp: 400375
Ion Ratio Lower Upper
122 100
105 5.7 117.2 157.2#
77 50.4 109.2 149.2#

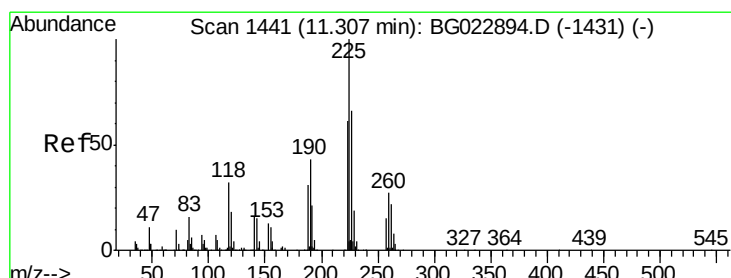
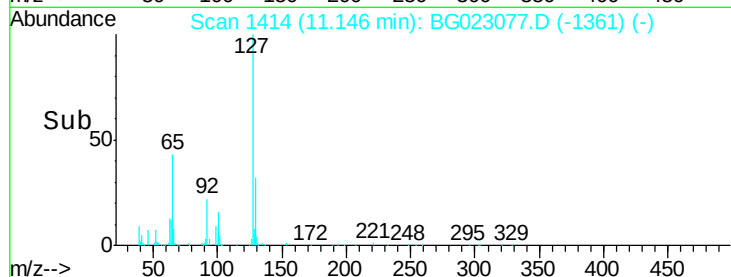
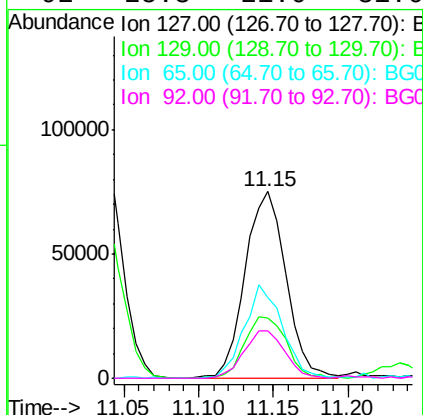
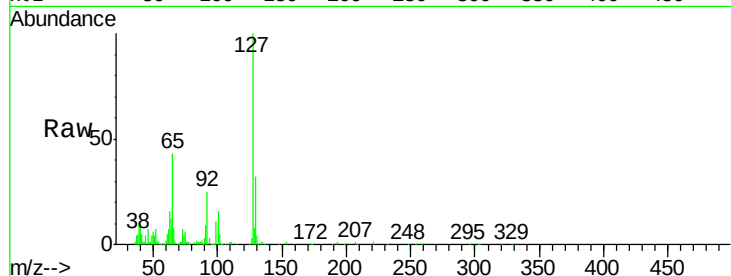




#33
 4-Chloroaniline
 Concen: 11.50 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

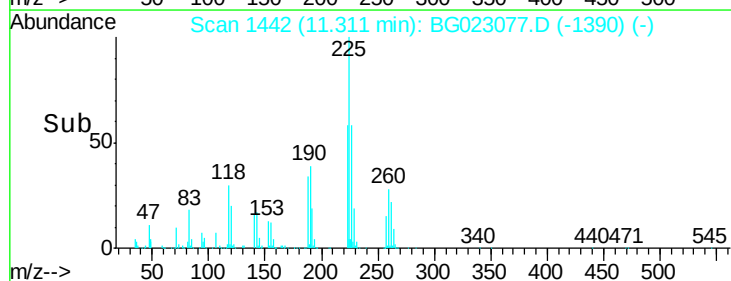
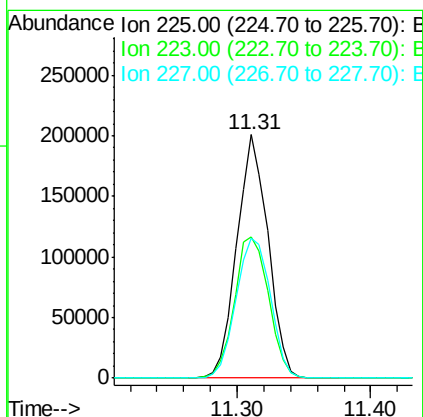
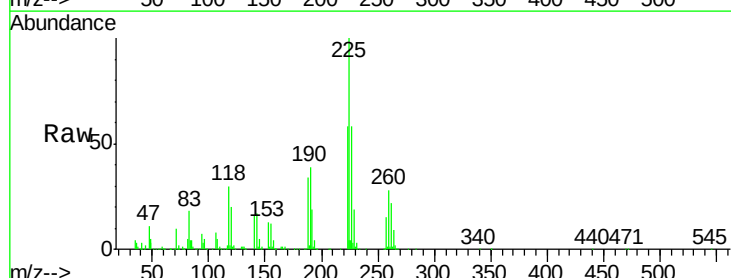
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

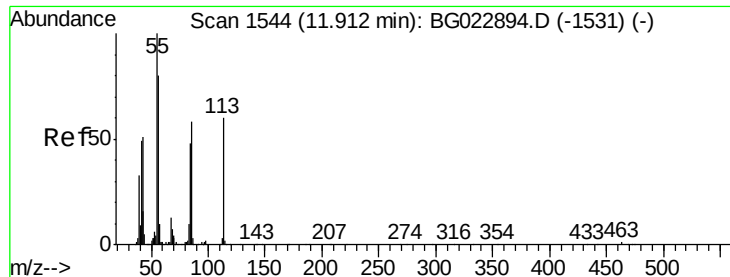
Tgt Ion:	127	Resp:	142363
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.9	41.9
65	43.3	36.8	55.2
92	25.3	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 39.11 ng
 RT: 11.31 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:	225	Resp:	324329
Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.6	74.4
227	57.6	54.5	81.7





#35

Caprolactam

Concen: 26.94 ng

RT: 11.93 min Scan# 1547

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

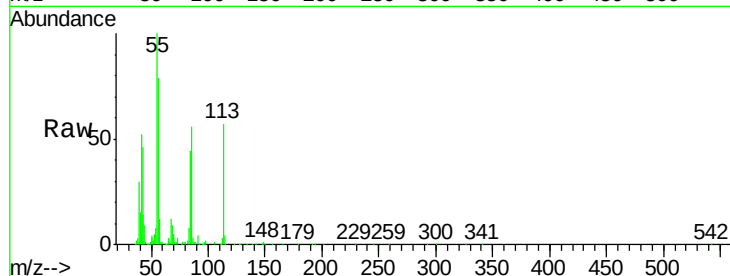
Tgt Ion:113 Resp: 98920

Ion Ratio Lower Upper

113 100

55 177.0 154.5 194.5

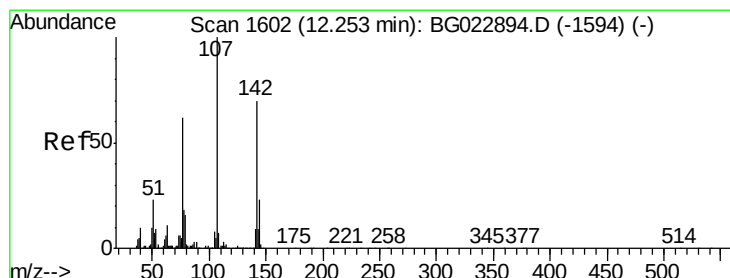
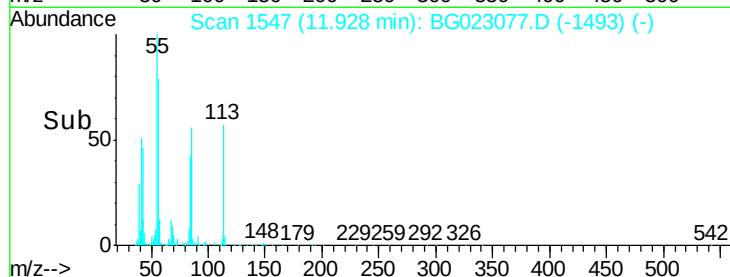
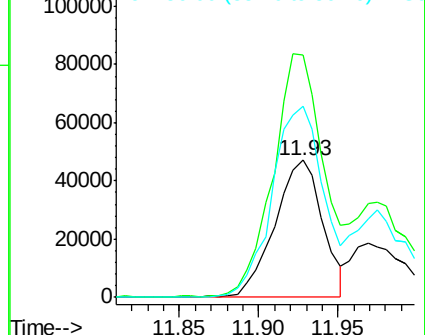
56 139.0 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.07 ng

RT: 12.27 min Scan# 1605

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

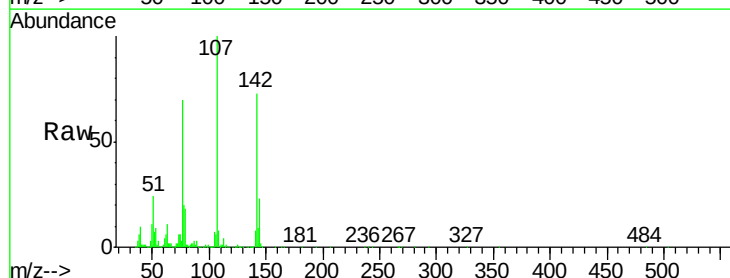
Tgt Ion:107 Resp: 562441

Ion Ratio Lower Upper

107 100

144 22.5 17.0 25.6

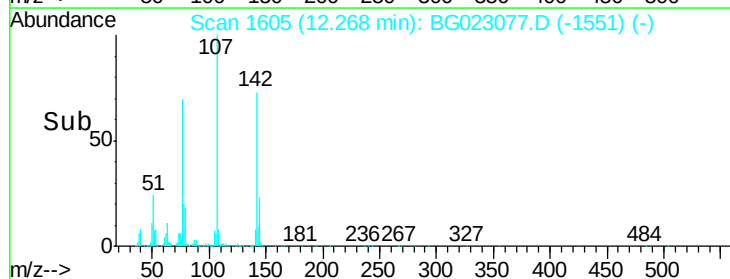
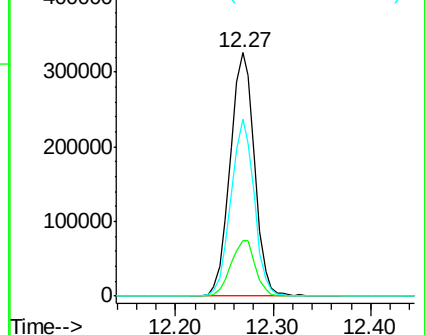
142 73.0 53.0 79.6

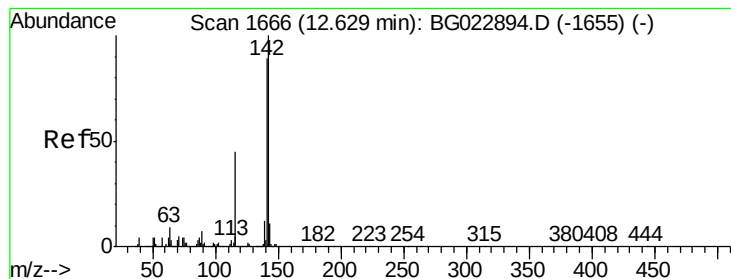


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.60 ng

RT: 12.63 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

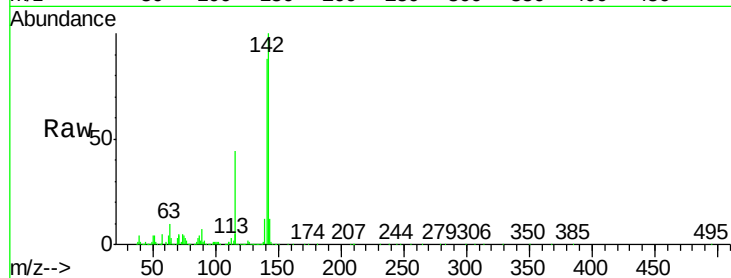
Tgt Ion:142 Resp: 912359

Ion Ratio Lower Upper

142 100

141 87.9 70.2 105.2

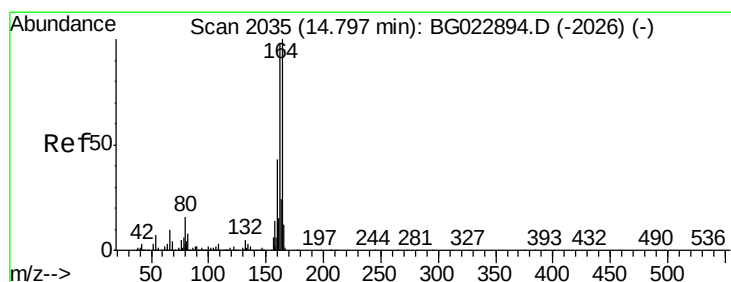
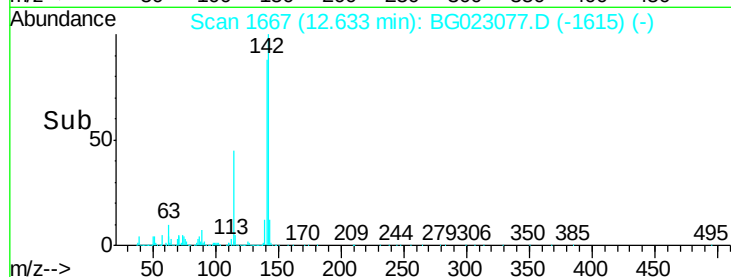
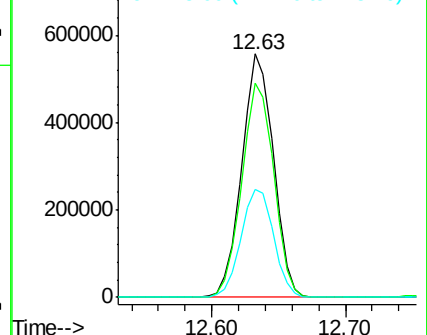
115 44.5 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

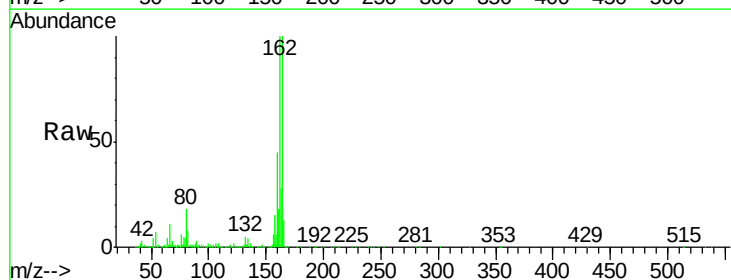
Tgt Ion:164 Resp: 395031

Ion Ratio Lower Upper

164 100

162 99.7 87.7 131.5

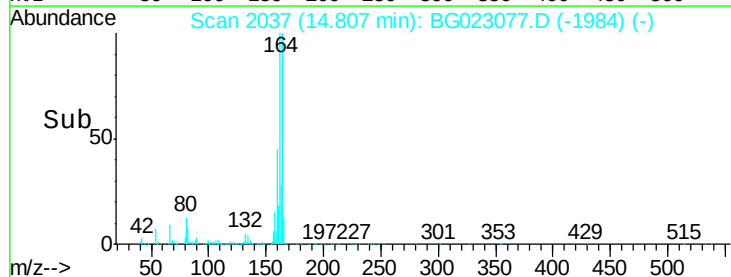
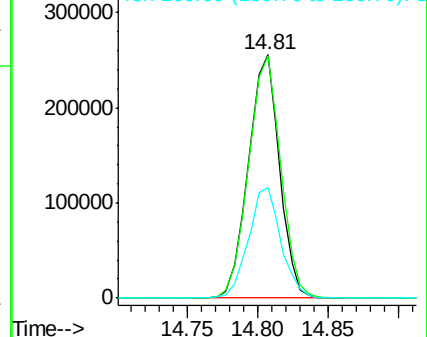
160 45.1 37.2 55.8

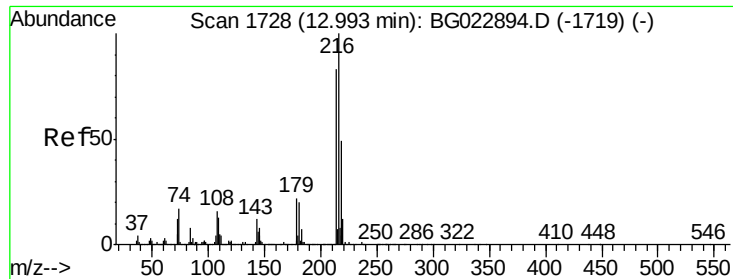


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.73 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tgt Ion:216 Resp: 591146

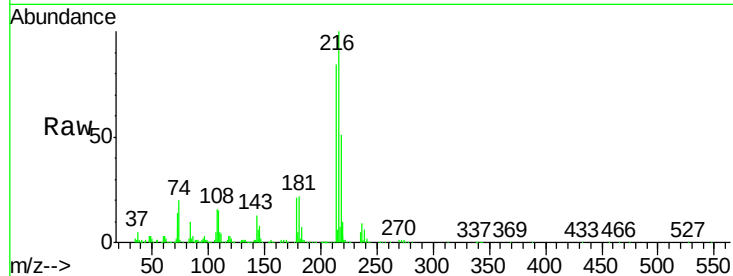
Ion Ratio Lower Upper

216 100

214 81.5 62.9 94.3

179 21.0 17.2 25.8

108 19.7 16.3 24.5

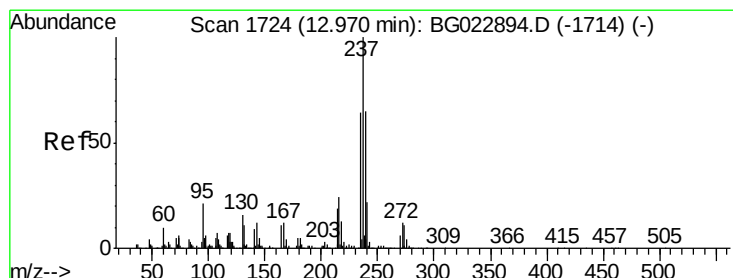
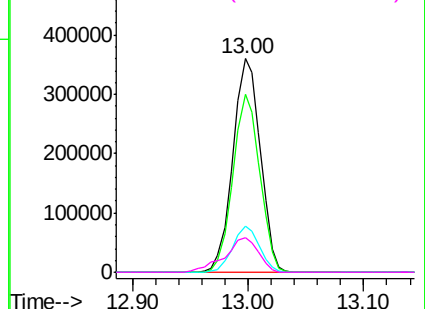
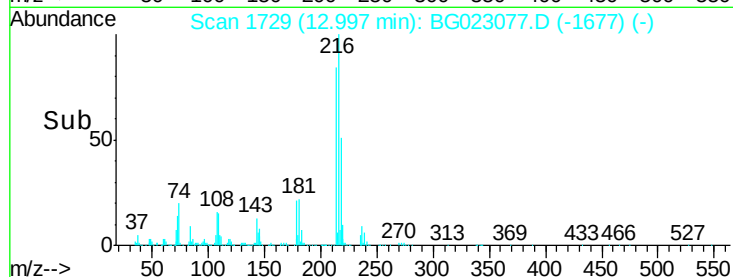


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.44 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

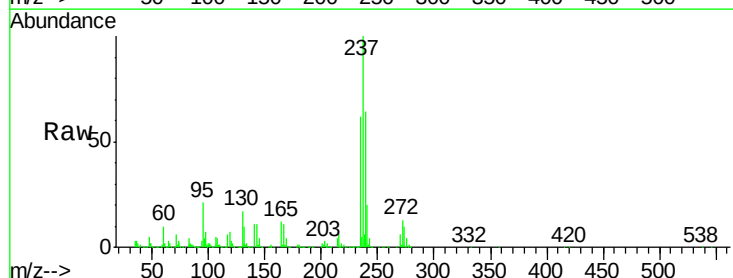
Tgt Ion:237 Resp: 729555

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

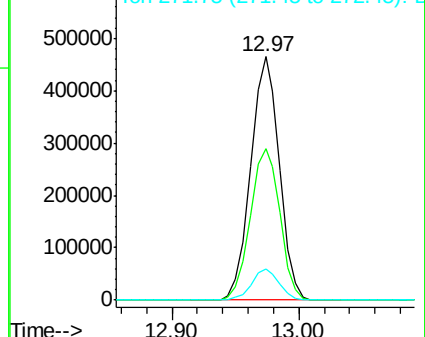
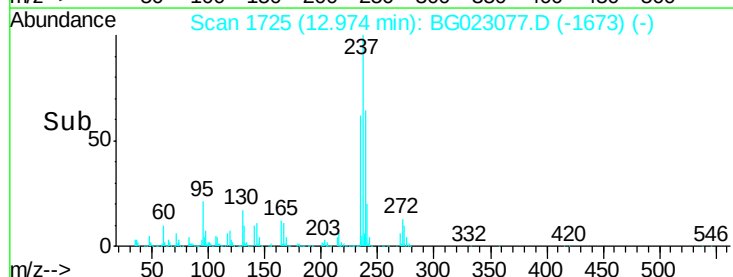
272 12.7 0.0 30.9

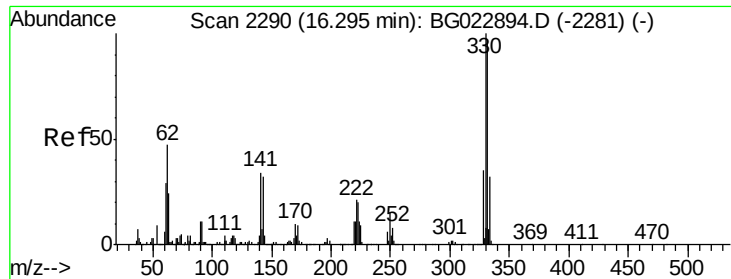


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

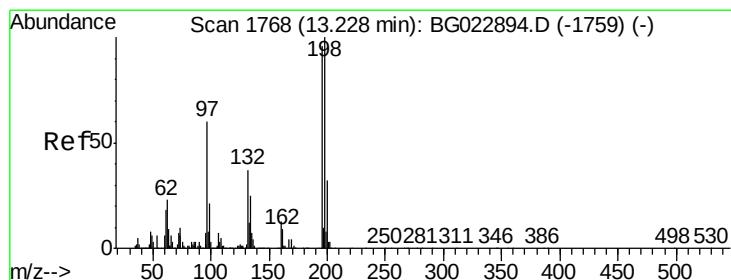
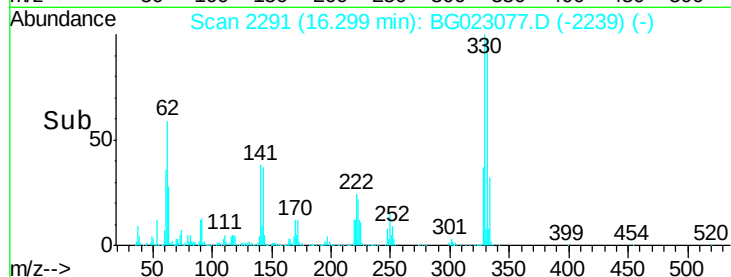
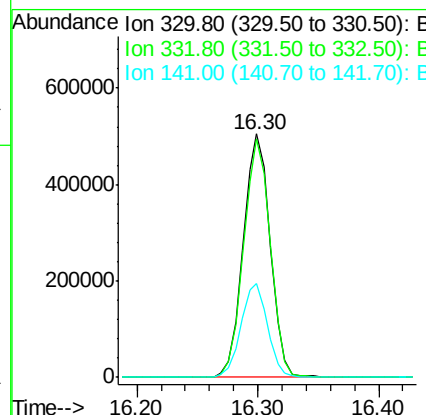
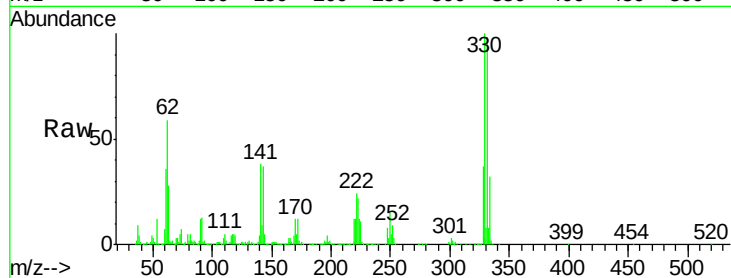




#41
 2,4,6-Tribromophenol
 Concen: 110.35 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

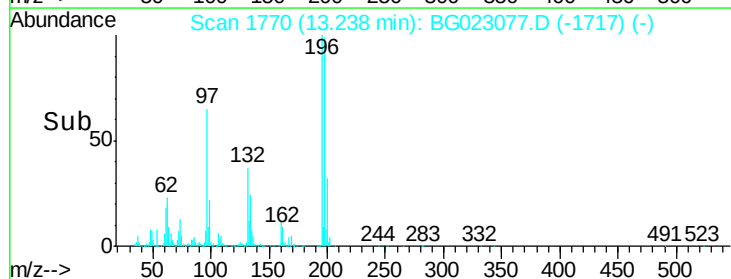
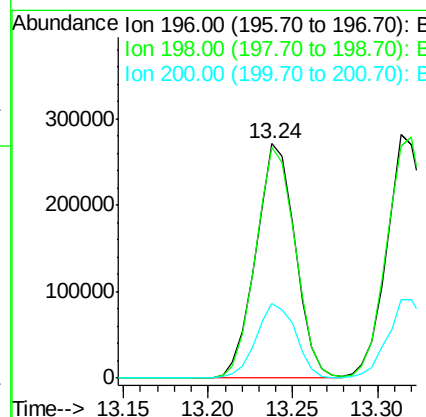
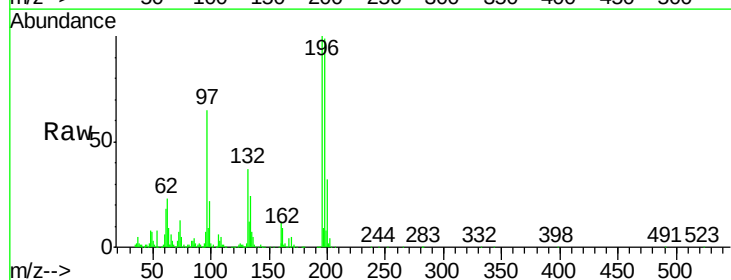
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

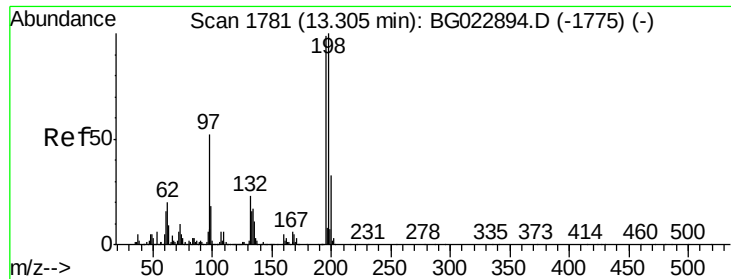
Tgt Ion:330 Resp: 783435
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 38.2 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 45.04 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:196 Resp: 440715
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.2 117.2
 200 32.0 27.0 40.4

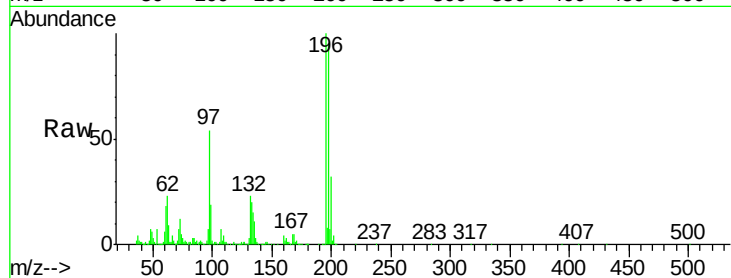




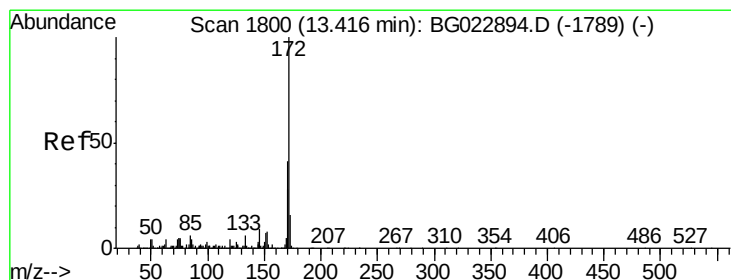
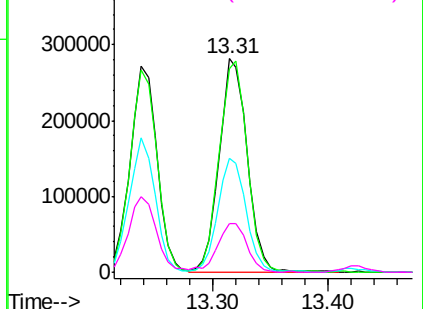
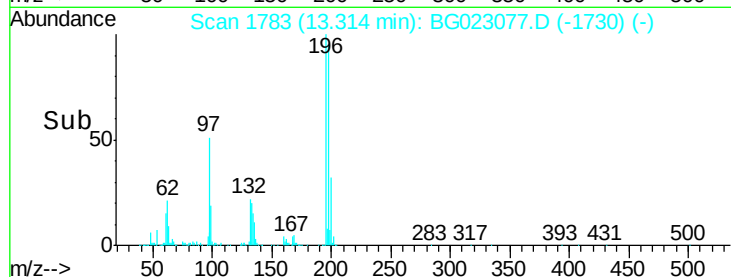
#43
 2,4,5-Trichlorophenol
 Concen: 47.01 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

Tgt Ion:	196	Resp:	472331
Ion	Ratio	Lower	Upper
196	100		
198	95.2	85.7	128.5
97	53.6	45.5	68.3
132	22.9	18.9	28.3

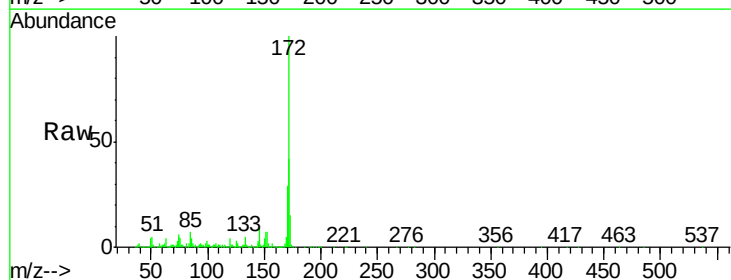


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

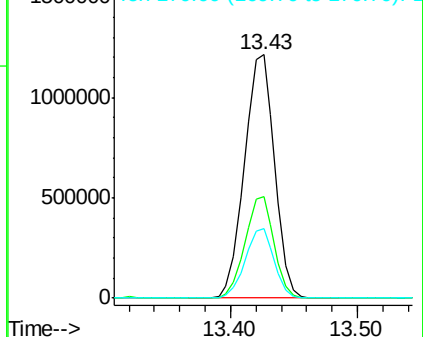
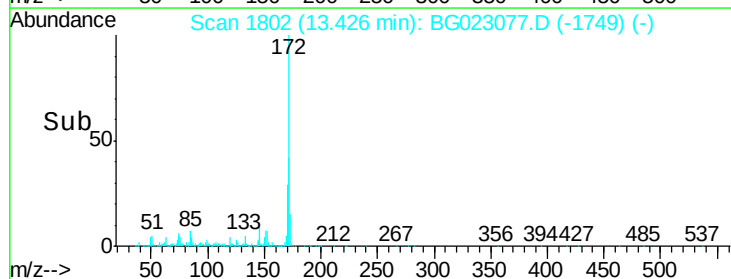


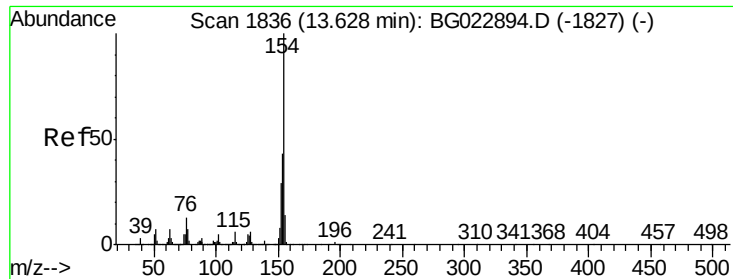
#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:	172	Resp:	1995508
Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.5	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

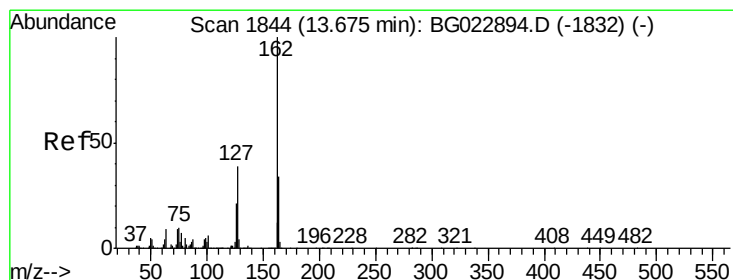
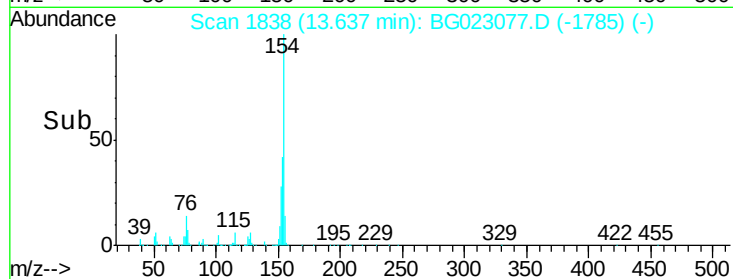
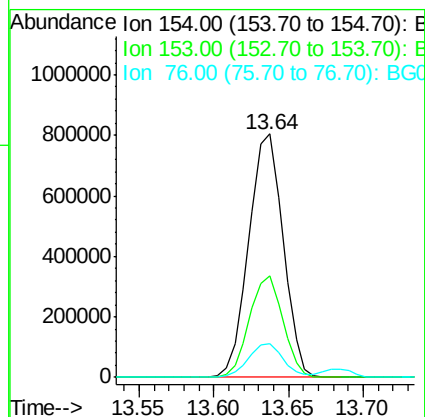
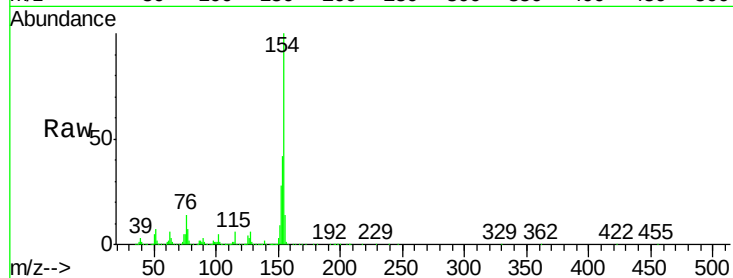




#45
 1,1'-Biphenyl
 Concen: 43.14 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

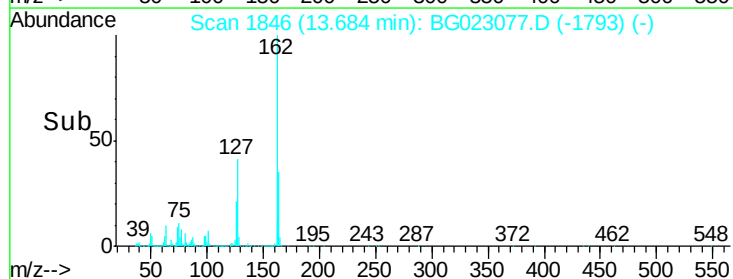
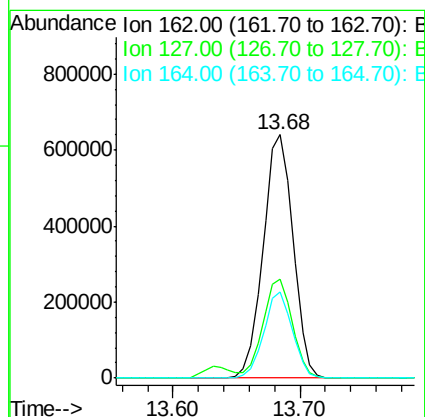
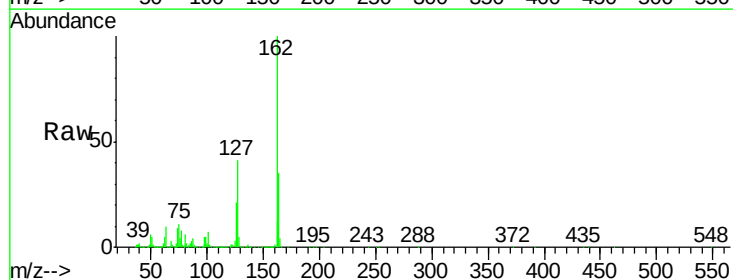
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

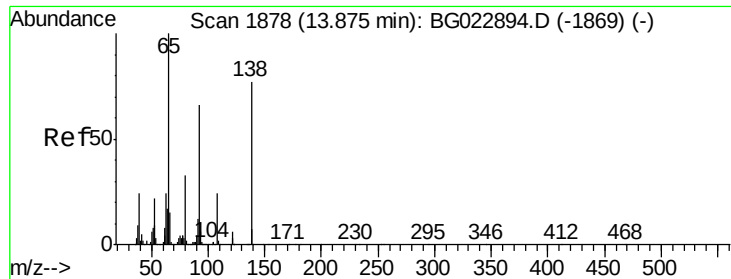
Tgt Ion:154 Resp: 1278567
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.2 60.2
 76 13.6 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 43.76 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:162 Resp: 1052223
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.4 48.6
 164 35.3 25.2 37.8





#47

2-Nitroaniline

Concen: 45.32 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

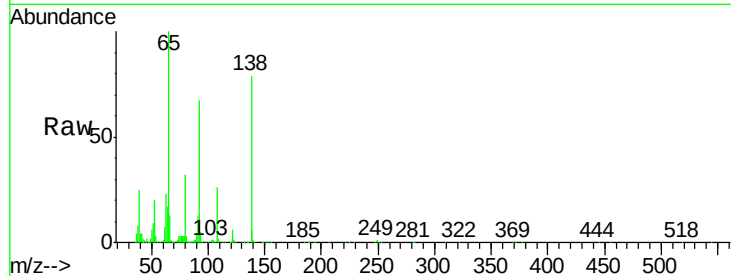
Tgt Ion: 65 Resp: 464938

Ion Ratio Lower Upper

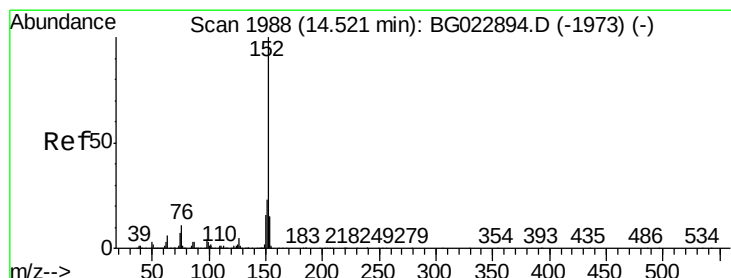
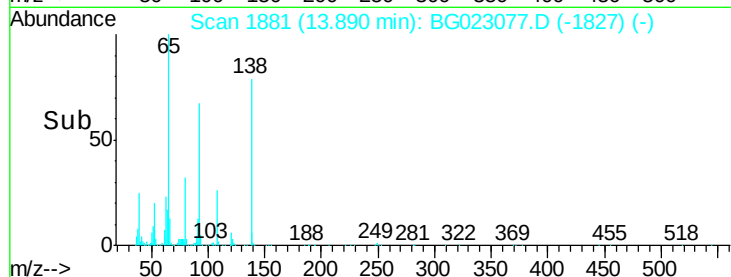
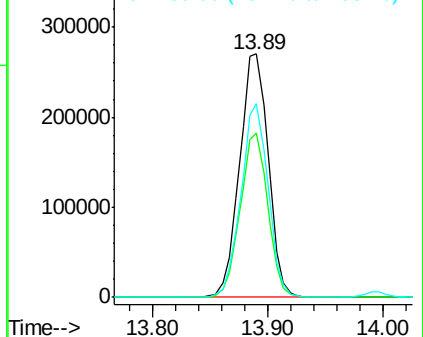
65 100

92 67.4 49.4 74.0

138 79.3 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: 43.32 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

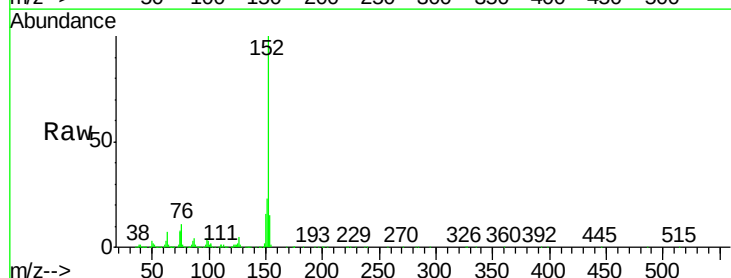
Tgt Ion: 152 Resp: 1562293

Ion Ratio Lower Upper

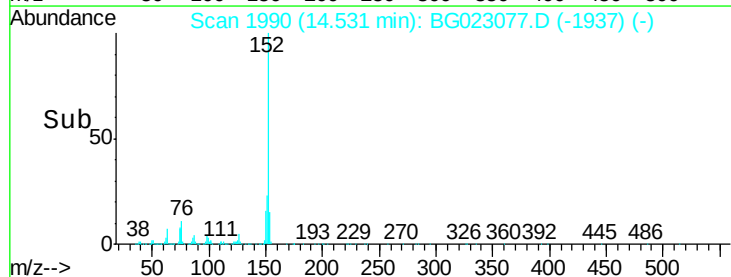
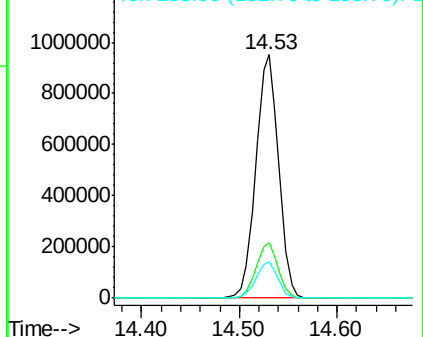
152 100

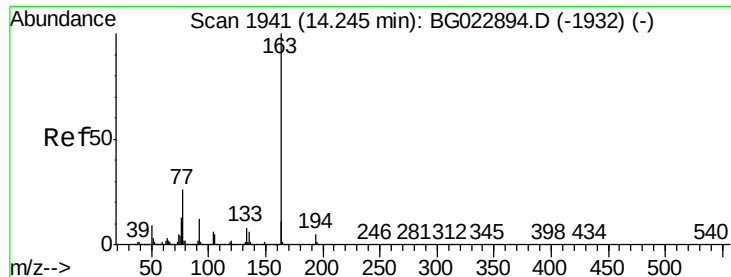
151 22.8 17.6 26.4

153 14.7 11.4 17.2



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





#49

Dimethylphthalate

Concen: 60.03 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

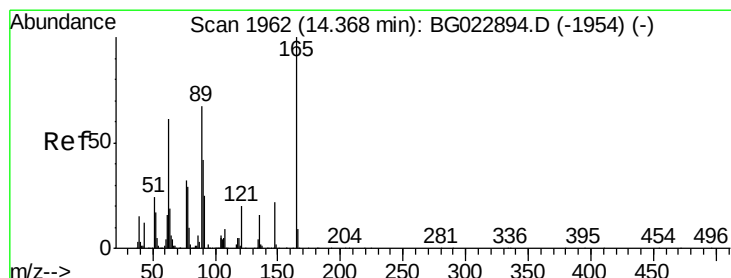
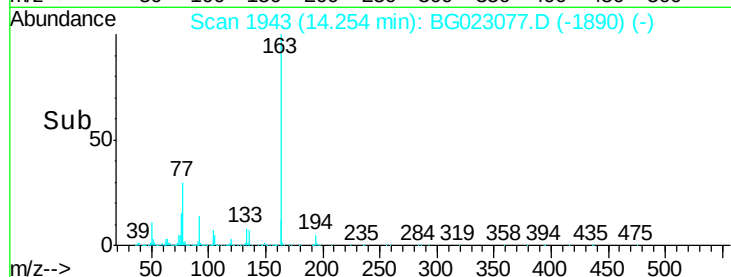
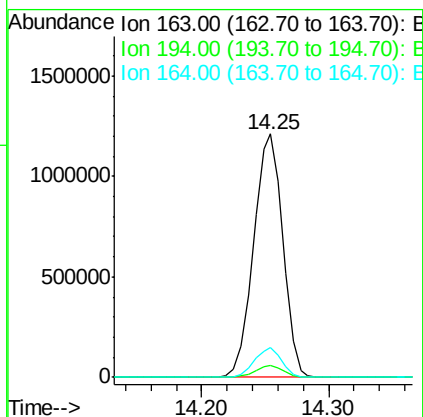
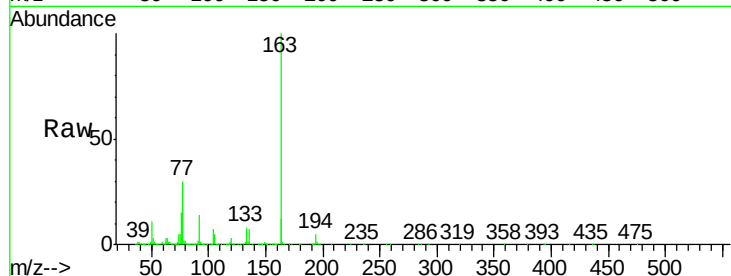
Tgt Ion:163 Resp: 1936986

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

164 12.2 8.1 12.1#



#50

2,6-Dinitrotoluene

Concen: 45.08 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

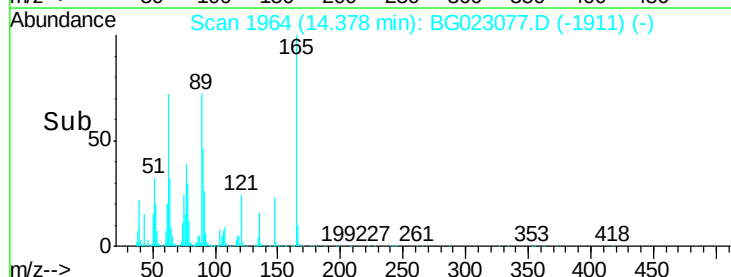
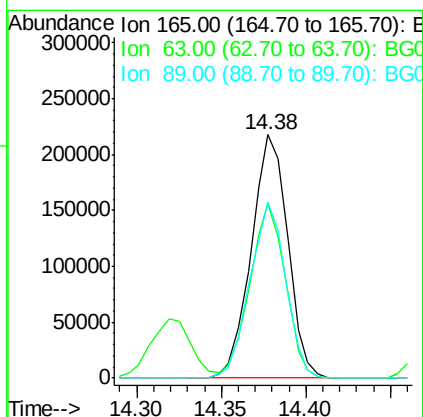
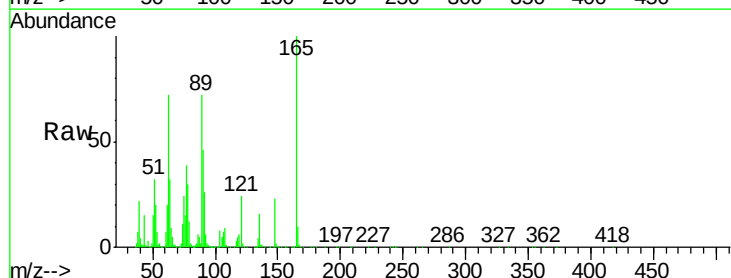
Tgt Ion:165 Resp: 326932

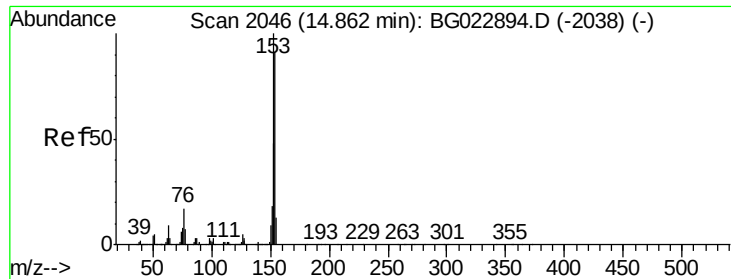
Ion Ratio Lower Upper

165 100

63 71.7 64.3 96.5

89 72.3 64.3 96.5





#51

Acenaphthene

Concen: 43.22 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

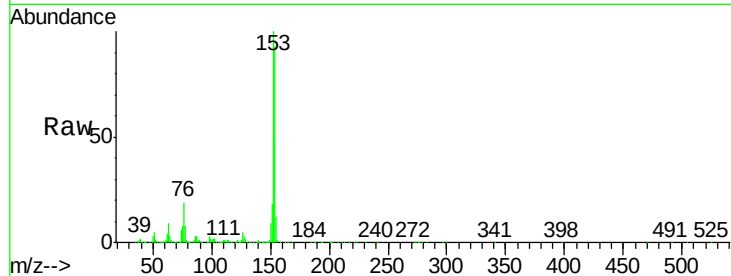
Tgt Ion:154 Resp: 1018674

Ion Ratio Lower Upper

154 100

153 108.1 87.5 131.3

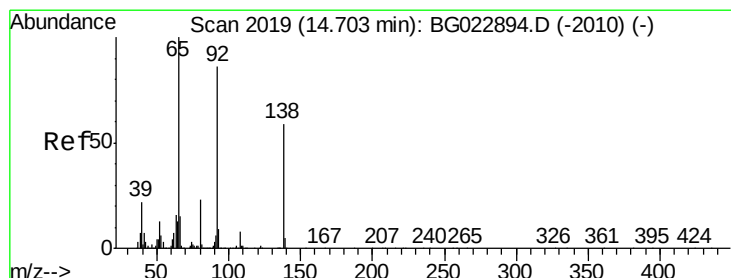
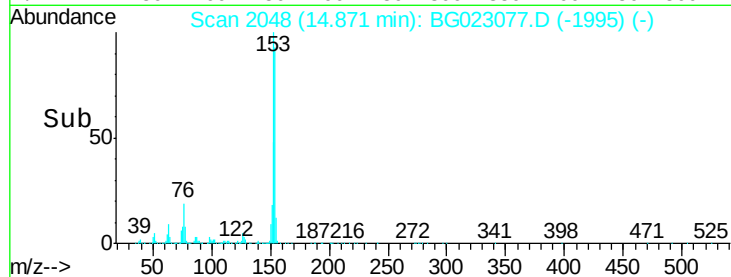
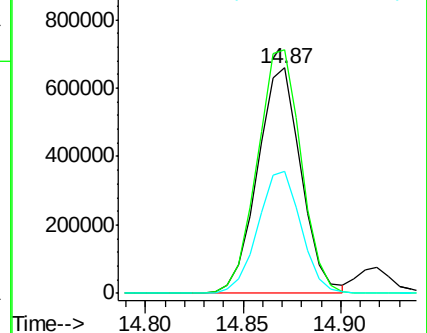
152 53.9 42.7 64.1



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: 22.95 ng

RT: 14.71 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

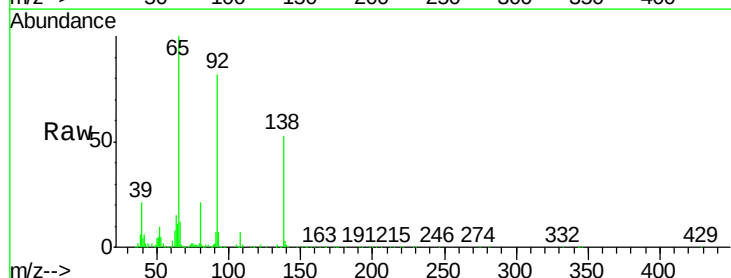
Tgt Ion:138 Resp: 165972

Ion Ratio Lower Upper

138 100

108 12.8 11.7 17.5

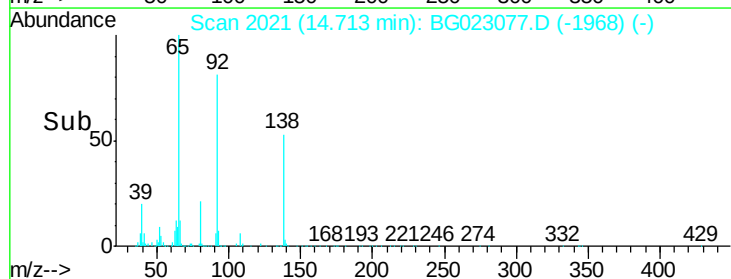
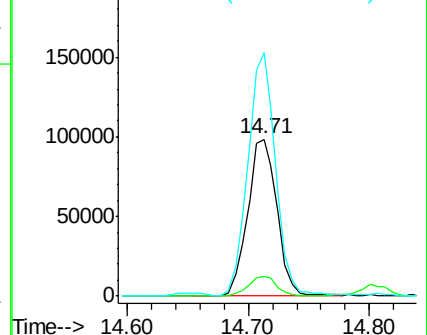
92 155.5 129.7 194.5

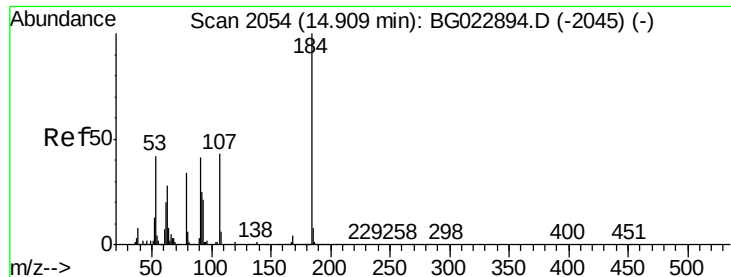


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 26.88 ng

RT: 14.92 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

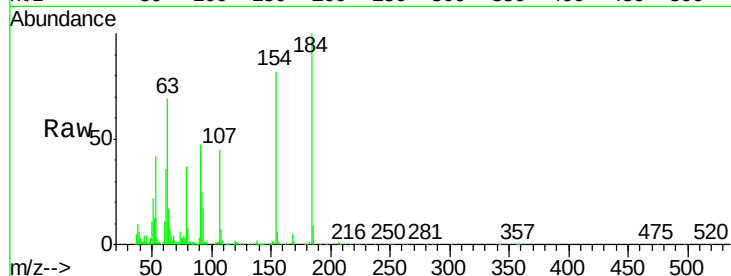
Tgt Ion:184 Resp: 133778

Ion Ratio Lower Upper

184 100

63 69.0 59.6 89.4

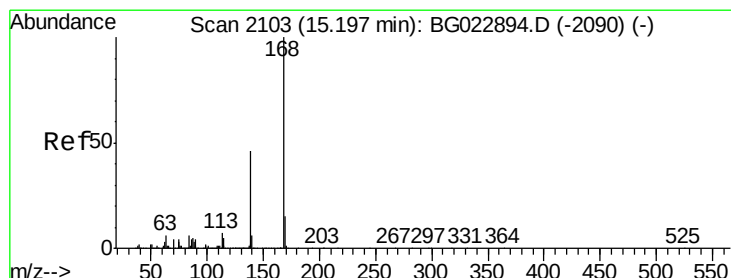
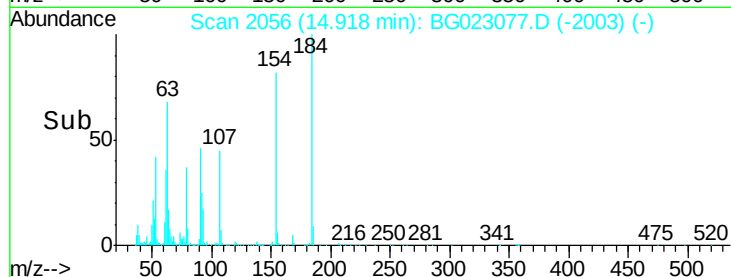
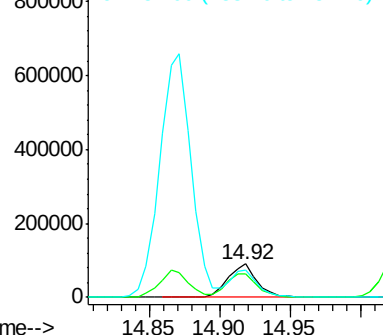
154 82.4 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022894.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.28 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

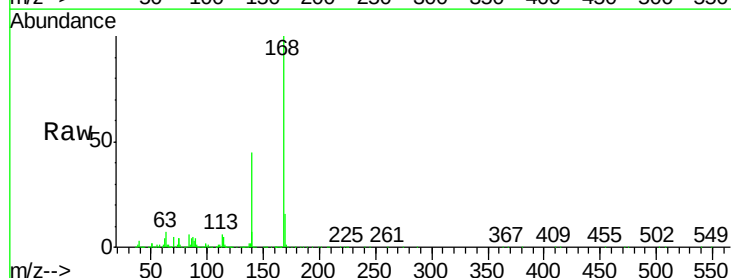
Tgt Ion:168 Resp: 1632689

Ion Ratio Lower Upper

168 100

139 44.7 36.4 54.6

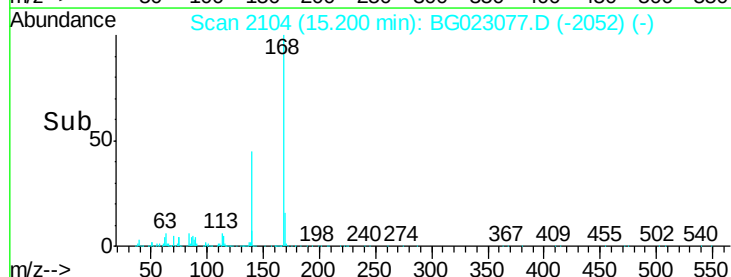
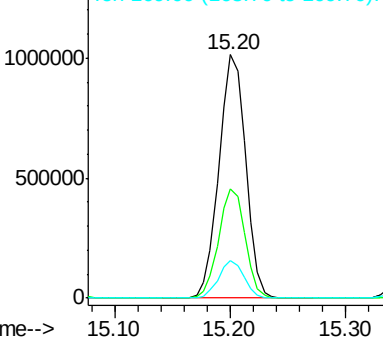
169 15.6 11.9 17.9

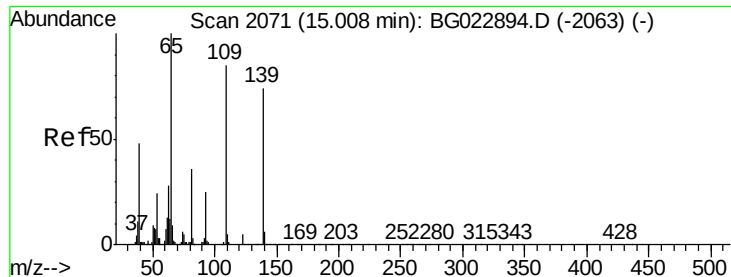


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

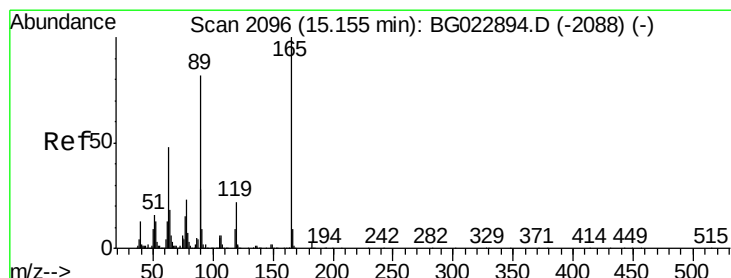
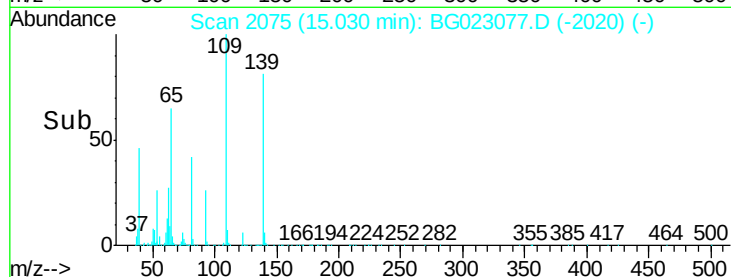
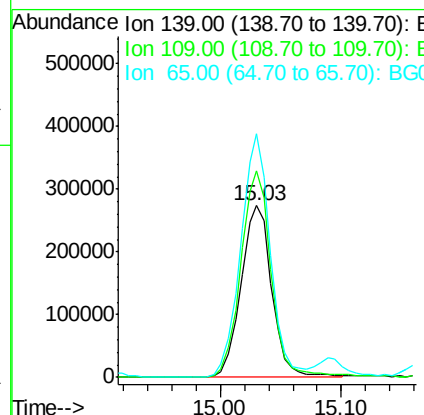
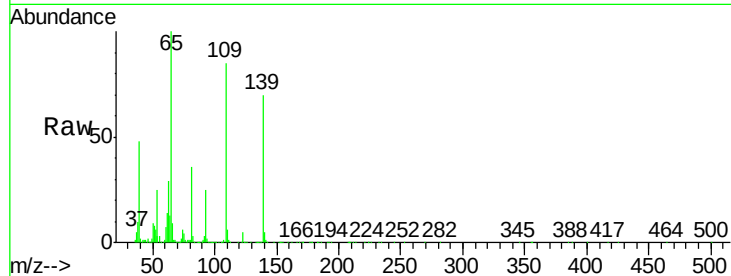




#55
4-Nitrophenol
Concen: 80.30 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

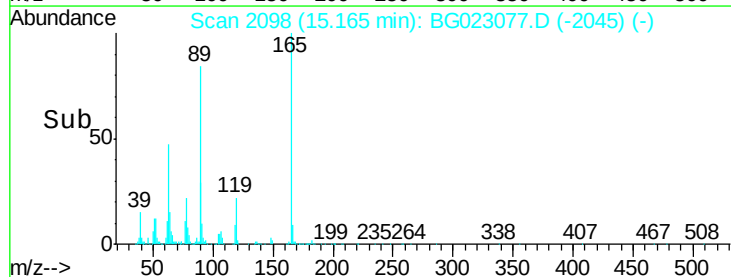
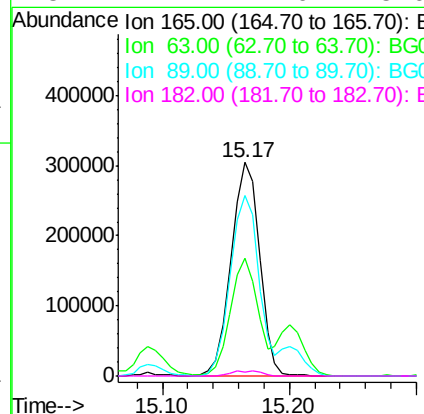
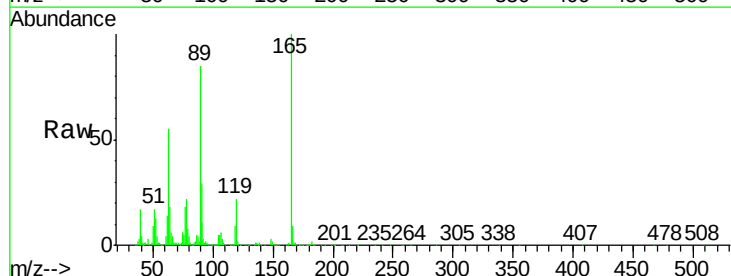
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

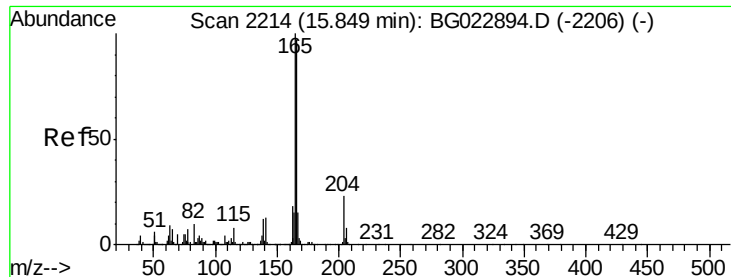
Tgt Ion:139 Resp: 486734
Ion Ratio Lower Upper
139 100
109 120.4 103.0 143.0
65 141.9 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:165 Resp: 471451
Ion Ratio Lower Upper
165 100
63 55.0 45.8 68.6
89 84.7 68.6 102.8
182 1.7 2.0 3.0#





#57

Fluorene

Concen: 43.65 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

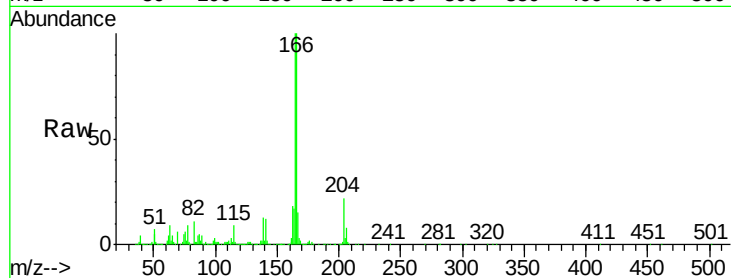
Tgt Ion:166 Resp: 1325437

Ion Ratio Lower Upper

166 100

165 99.7 81.0 121.6

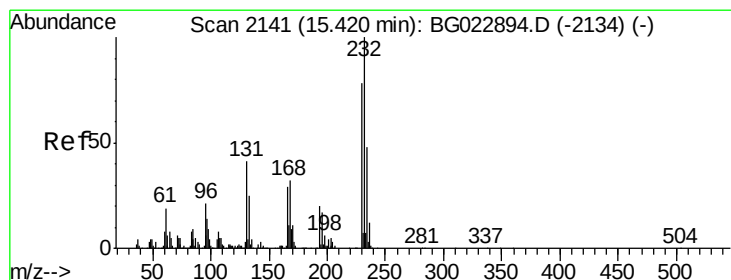
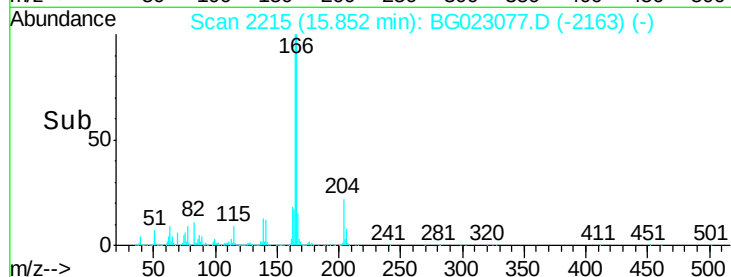
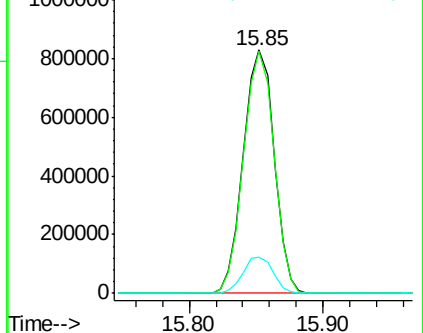
167 14.9 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.15 ng

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:232 Resp: 463989

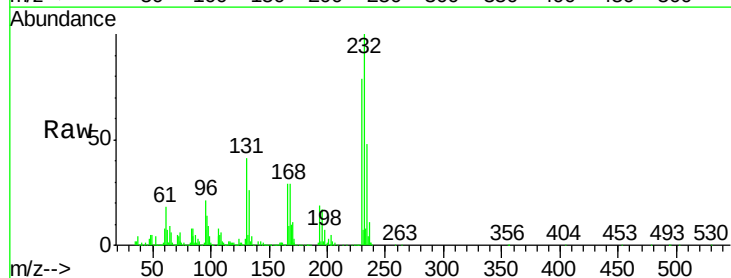
Ion Ratio Lower Upper

232 100

131 41.2 32.7 49.1

130 2.6 2.6 3.8

166 30.1 23.0 34.6

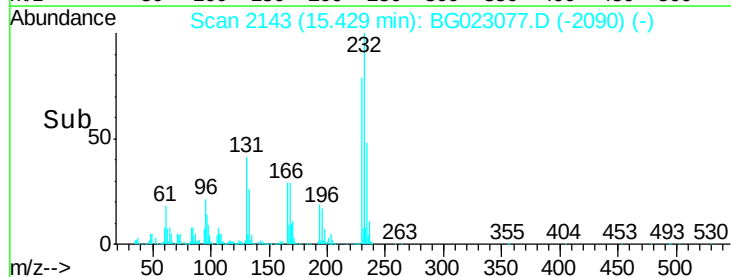
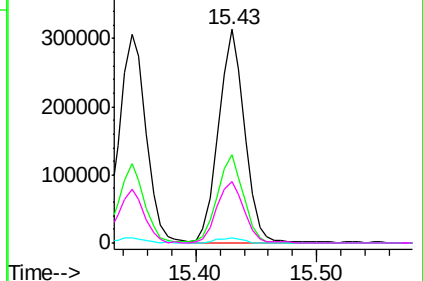


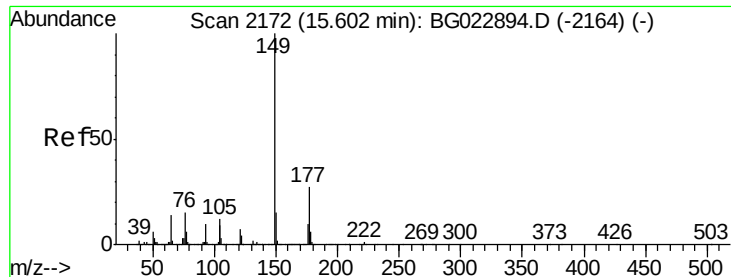
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

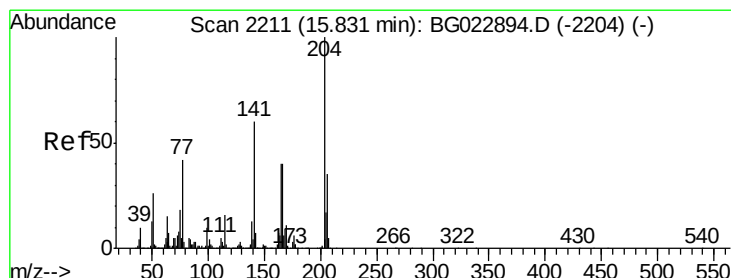
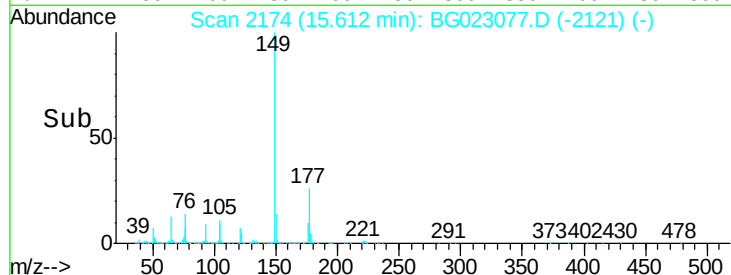
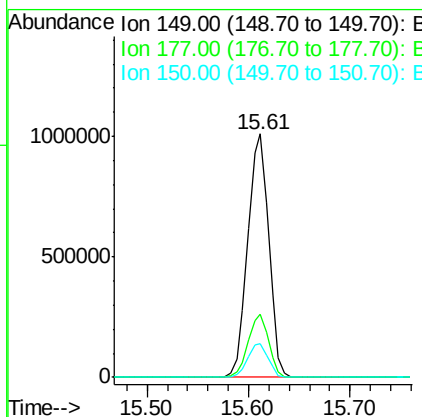
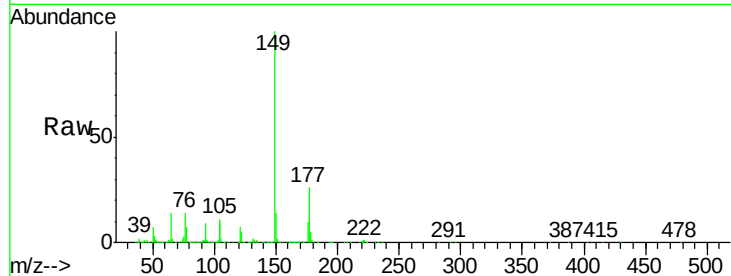




#59
Diethylphthalate
Concen: 44.11 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

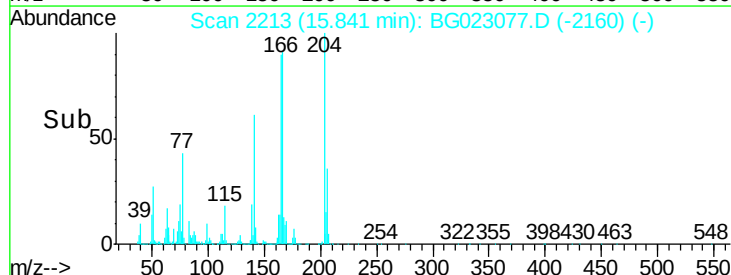
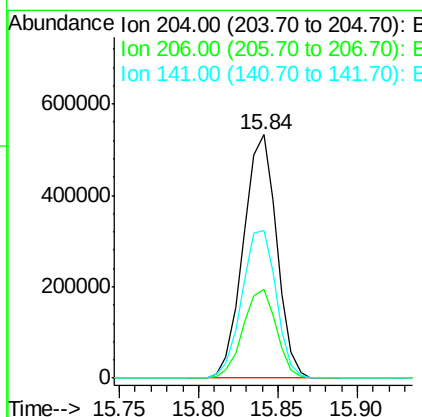
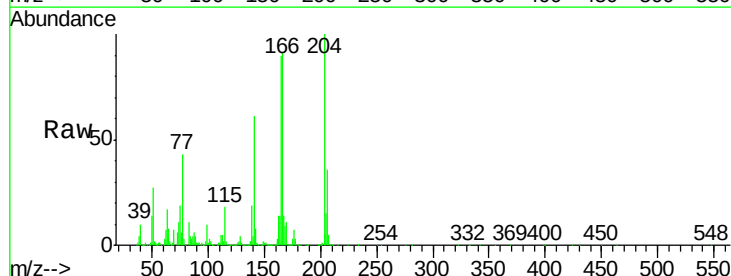
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

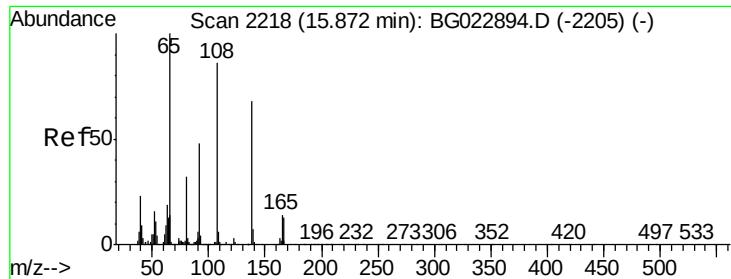
Tgt Ion:149 Resp: 1448203
Ion Ratio Lower Upper
149 100
177 25.8 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 42.04 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:204 Resp: 777384
Ion Ratio Lower Upper
204 100
206 36.2 28.5 42.7
141 60.5 51.4 77.0

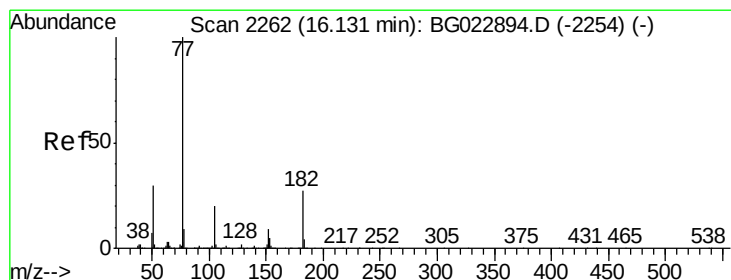
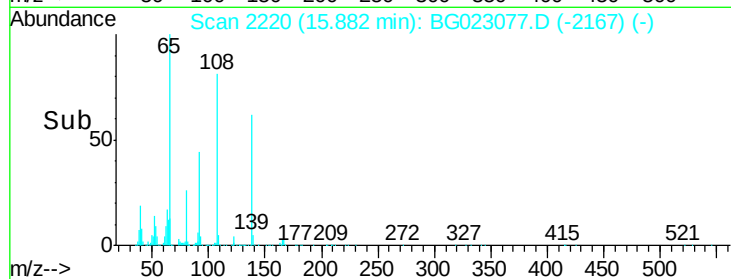
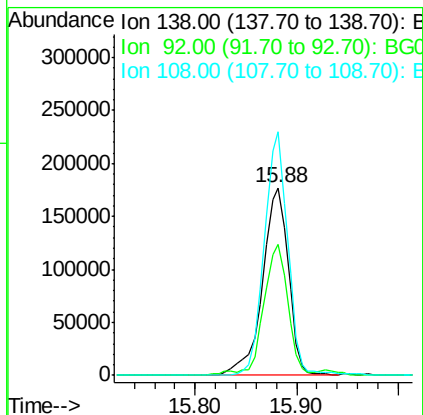
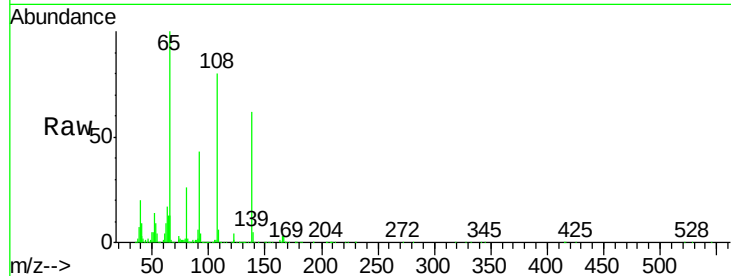




#61
4-Nitroaniline
Concen: 40.33 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

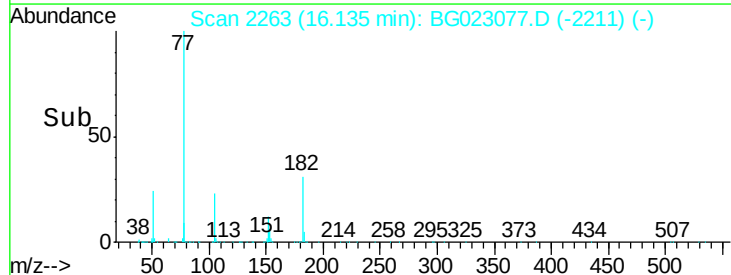
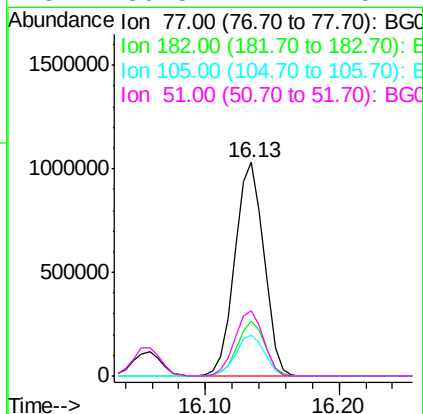
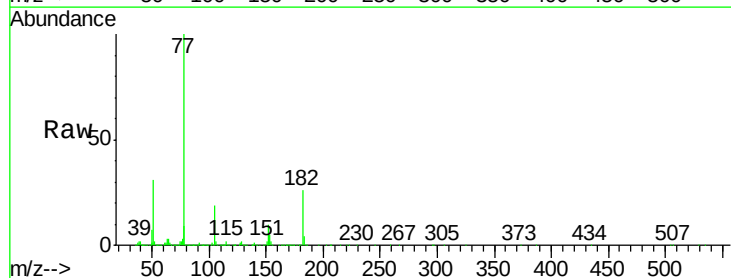
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

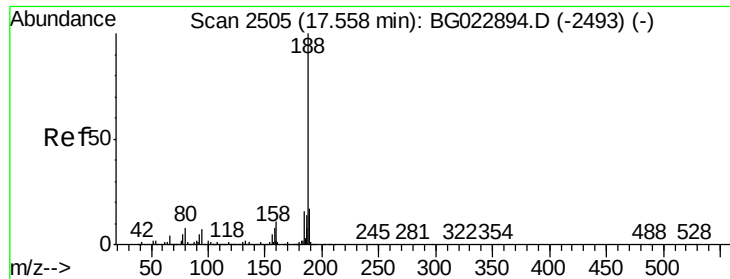
Tgt Ion: 138 Resp: 315560
Ion Ratio Lower Upper
138 100
92 70.1 54.1 94.1
108 129.9 133.9 173.9#



#62
Azobenzene
Concen: 49.39 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion: 77 Resp: 1551107
Ion Ratio Lower Upper
77 100
182 25.7 3.5 43.5
105 19.3 0.0 38.5
51 30.8 17.1 57.1

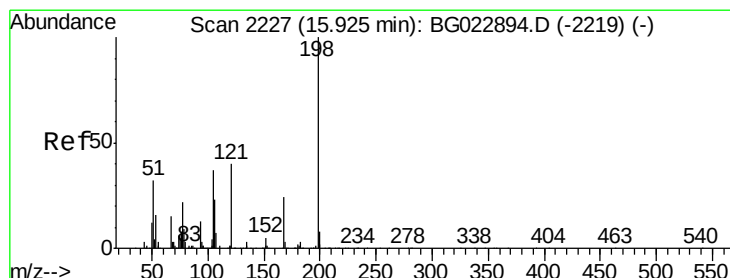
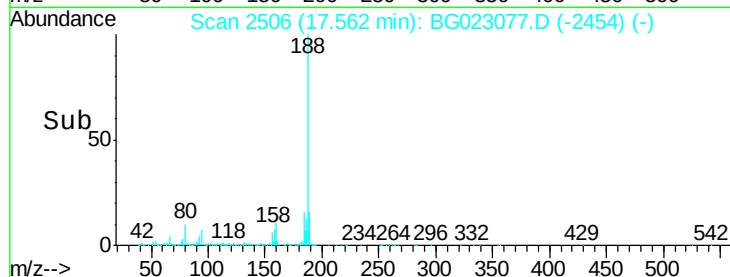
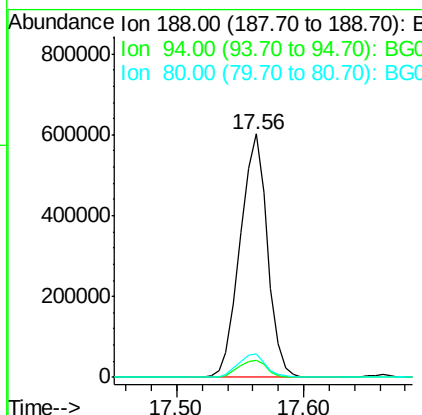
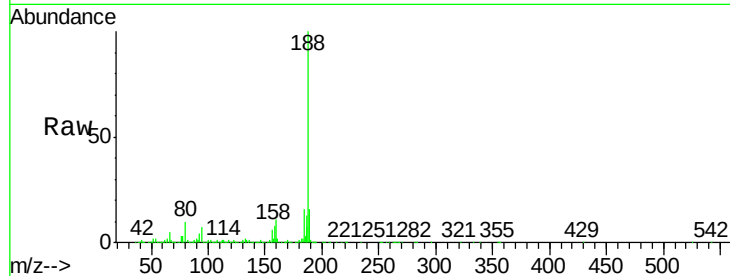




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

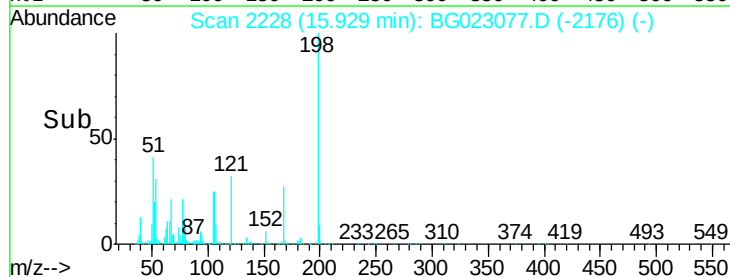
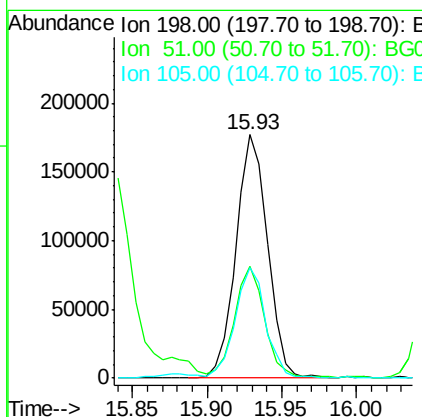
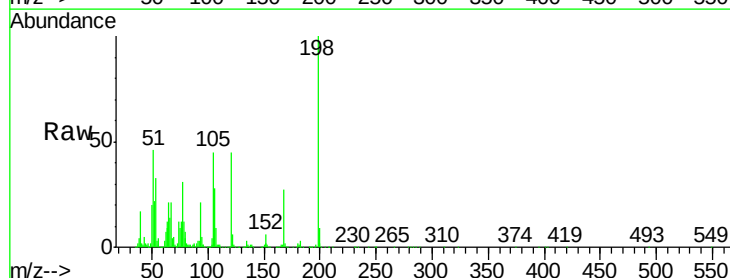
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

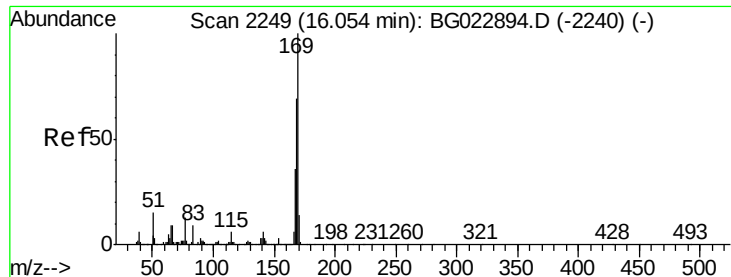
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	9.7	7.2	10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.15 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	26.0	66.0
105	45.5	20.1	60.1

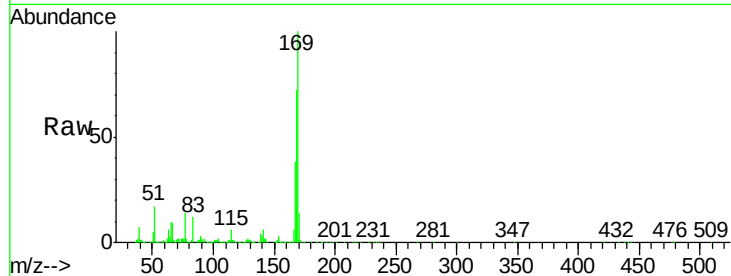




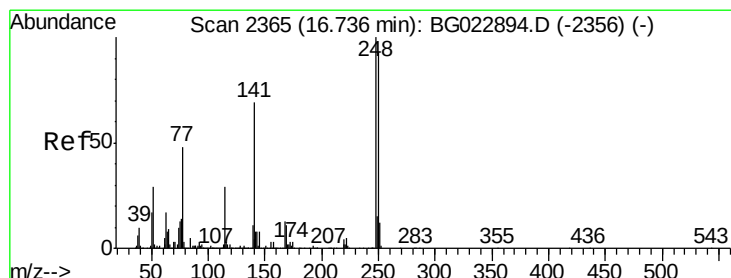
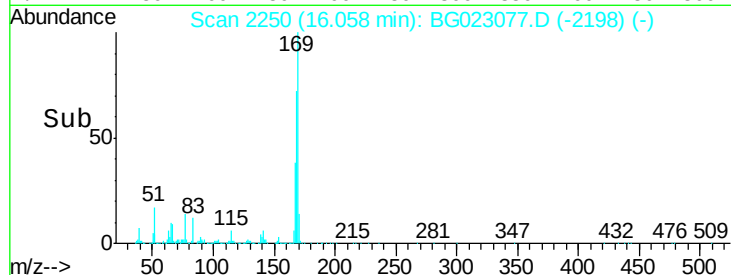
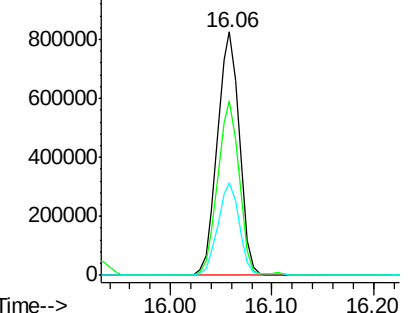
#65
n-Nitrosodiphenylamine
Concen: 48.08 ng
RT: 16.06 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

Tgt Ion:169 Resp: 1241139
Ion Ratio Lower Upper
169 100
168 71.7 55.0 82.4
167 38.1 27.4 41.0

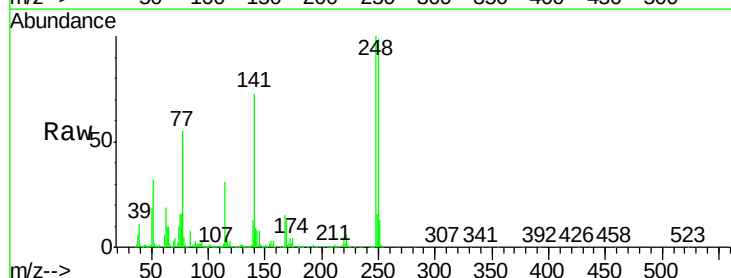


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

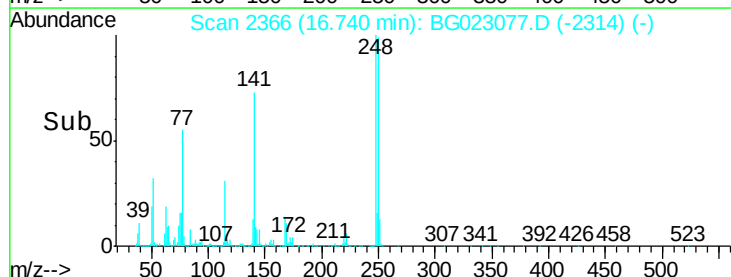
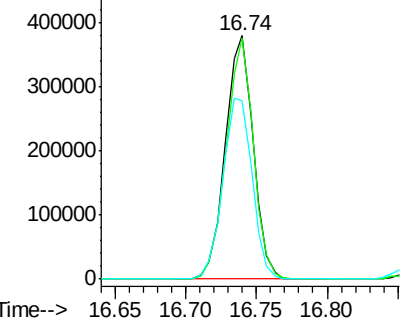


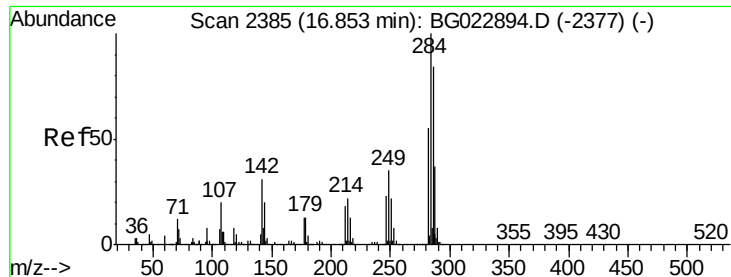
#66
4-Bromophenyl-phenylether
Concen: 44.84 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:248 Resp: 522649
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 73.2 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

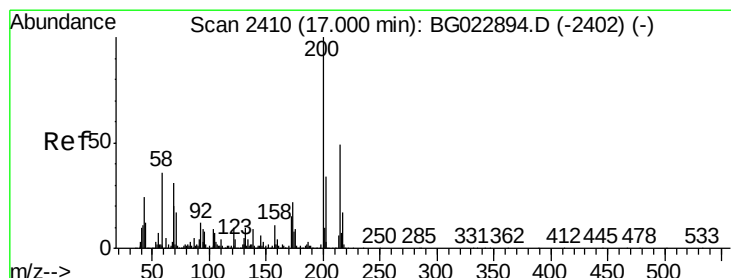
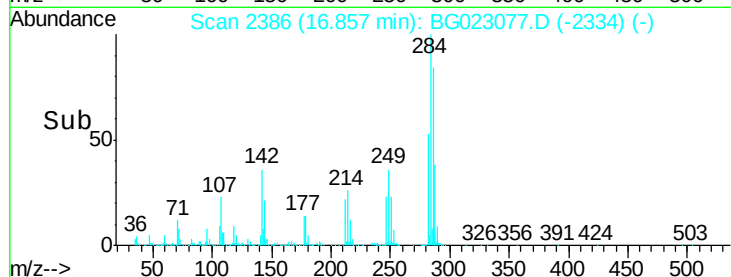
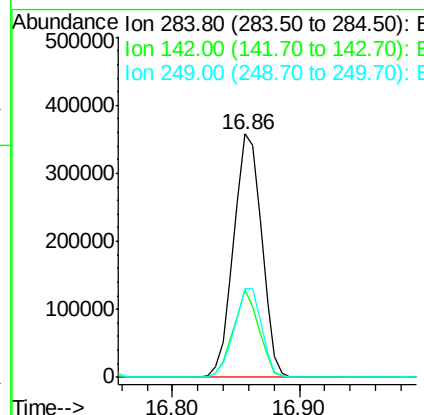
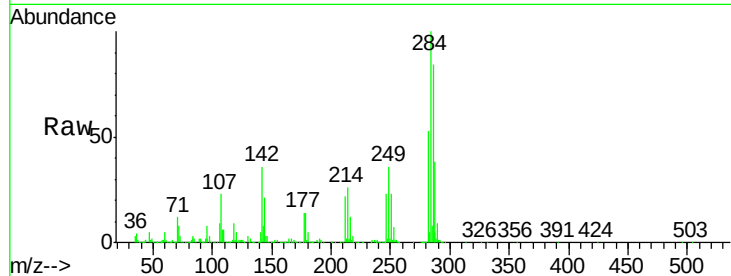




#67
Hexachlorobenzene
Concen: 43.11 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

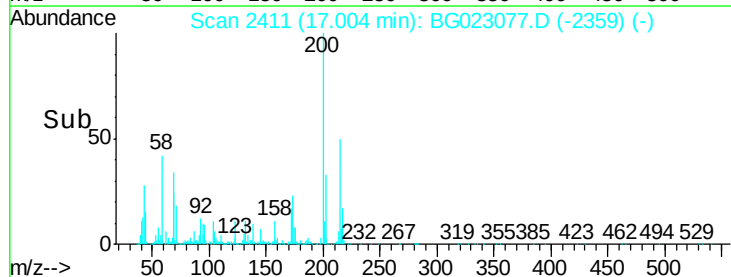
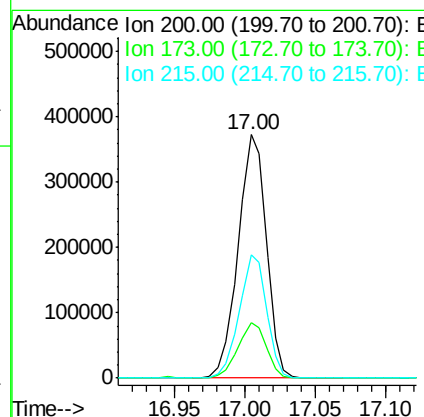
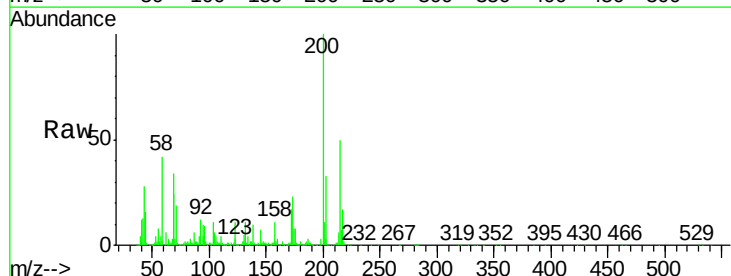
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

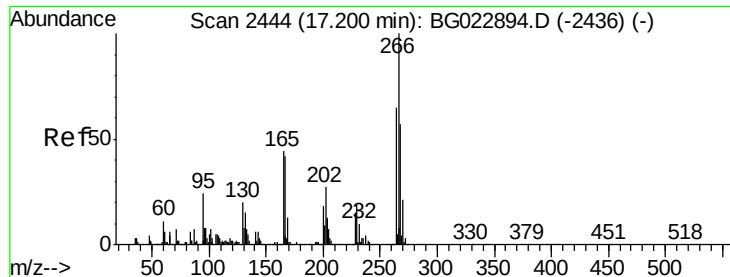
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	26.8	40.2
249	36.2	28.9	43.3



#68
Atrazine
Concen: 45.15 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	1.6	41.6
215	50.4	28.7	68.7

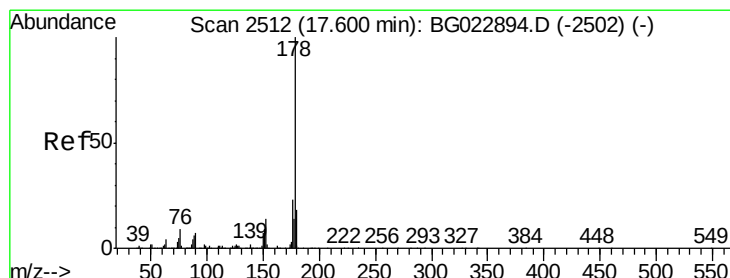
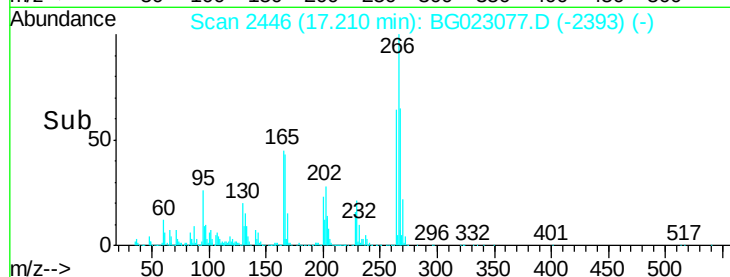
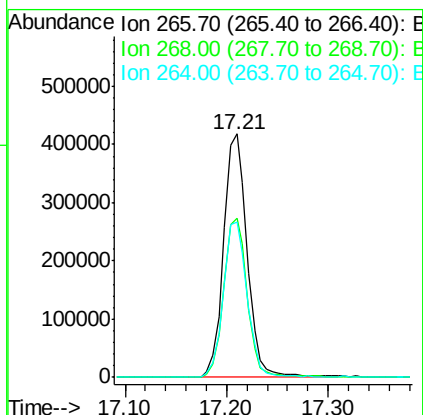
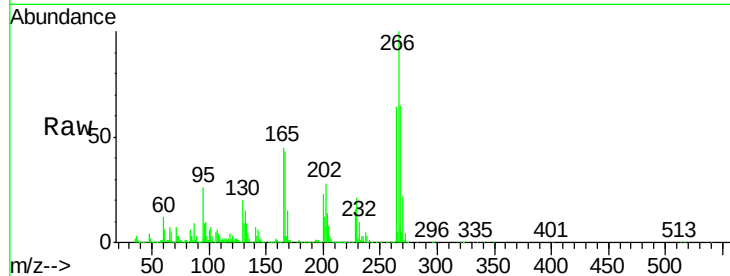




#69
 Pentachlorophenol
 Concen: 82.19 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

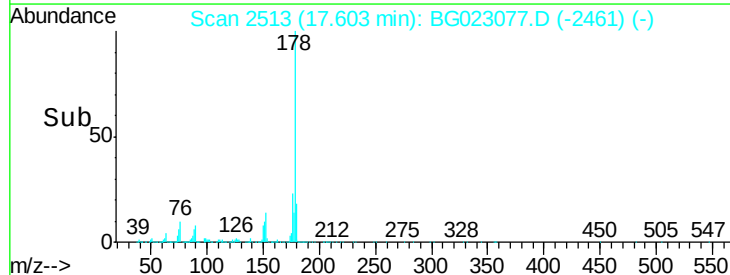
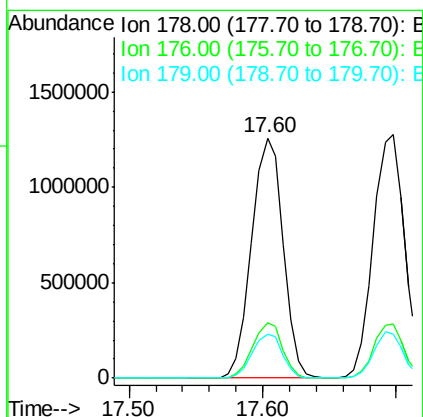
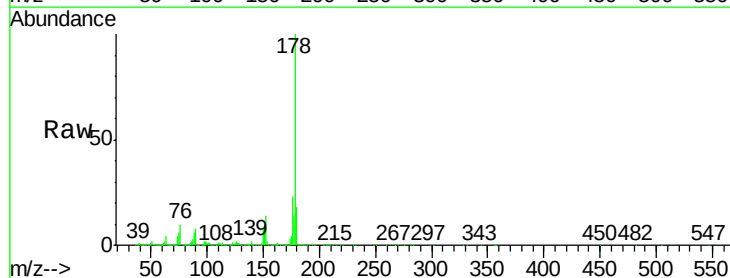
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

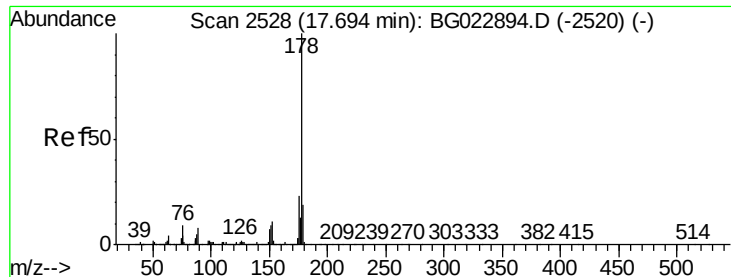
Tgt Ion:266 Resp: 674579
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.9 77.9
 264 63.9 50.6 75.8



#70
 Phenanthrene
 Concen: 46.46 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:178 Resp: 2039902
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.8 25.2
 179 18.5 14.3 21.5

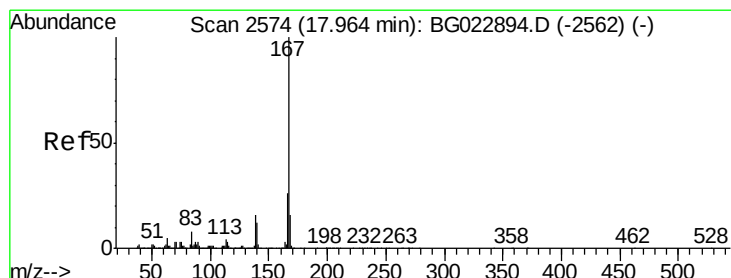
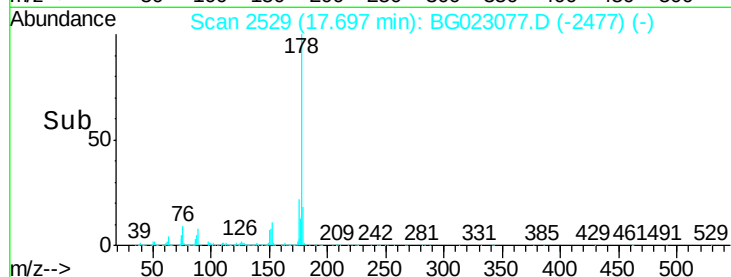
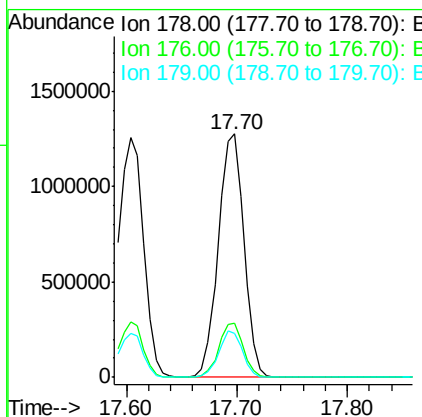
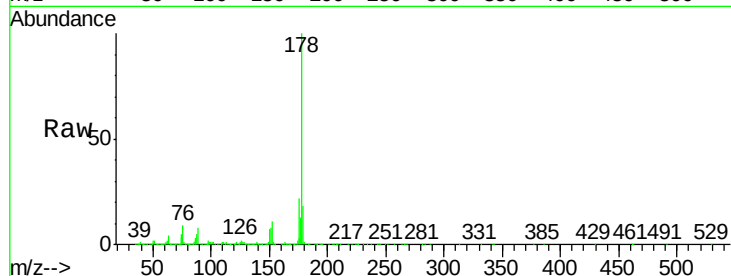




#71
 Anthracene
 Concen: 46.47 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

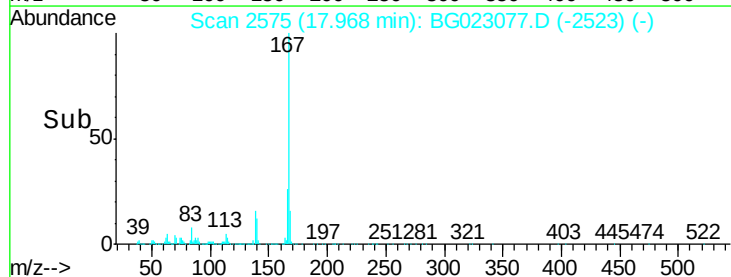
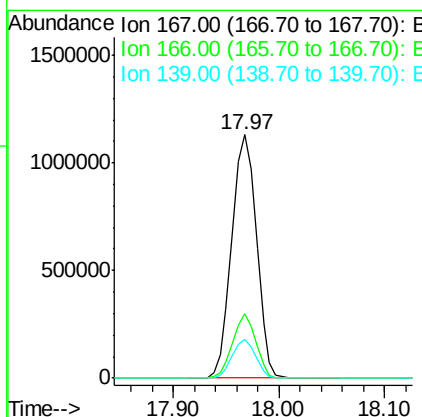
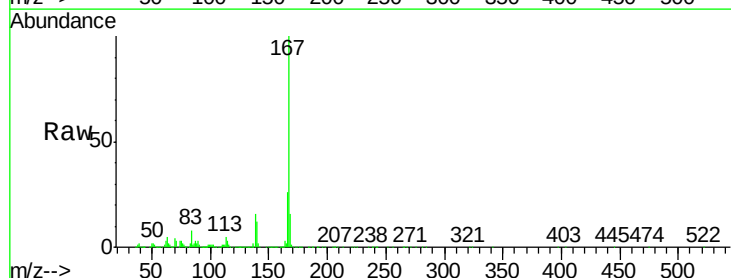
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

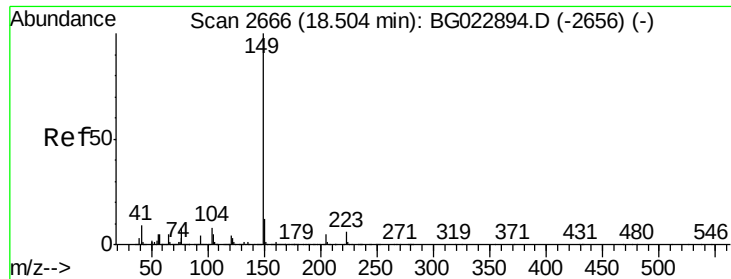
Tgt Ion:178 Resp: 2065979
 Ion Ratio Lower Upper
 178 100
 176 22.4 17.3 25.9
 179 18.3 14.0 21.0



#72
 Carbazole
 Concen: 47.68 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:167 Resp: 1831601
 Ion Ratio Lower Upper
 167 100
 166 26.2 20.7 31.1
 139 16.1 11.9 17.9

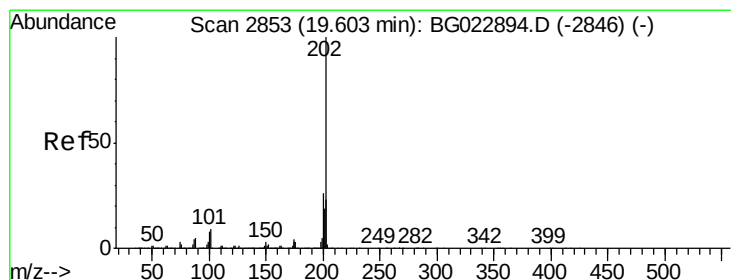
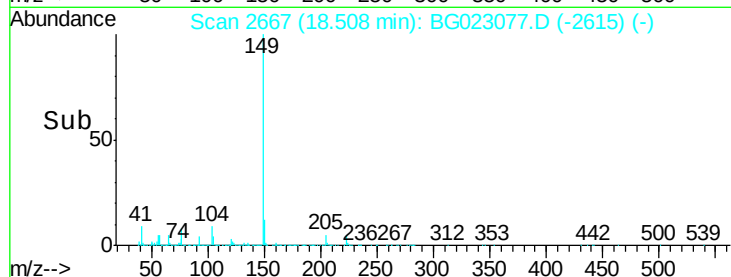
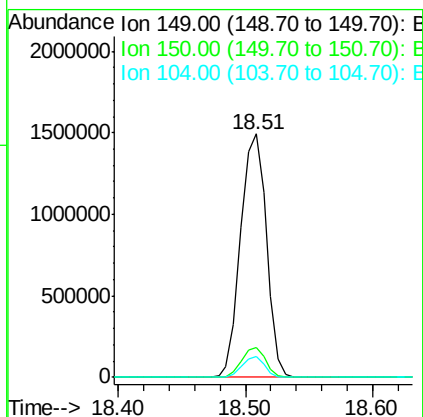
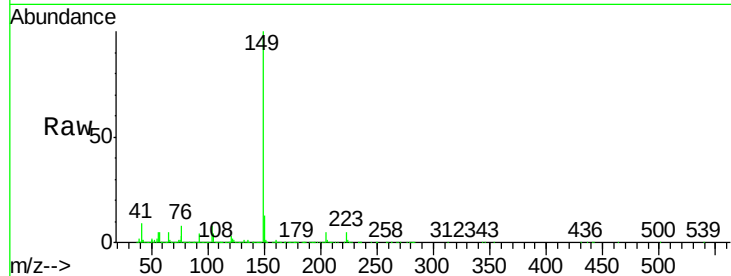




#73
Di-n-butylphthalate
Concen: 49.42 ng
RT: 18.51 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

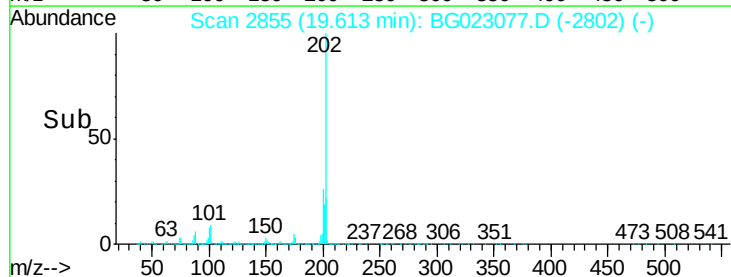
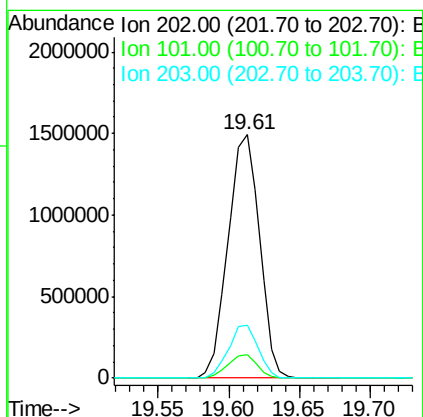
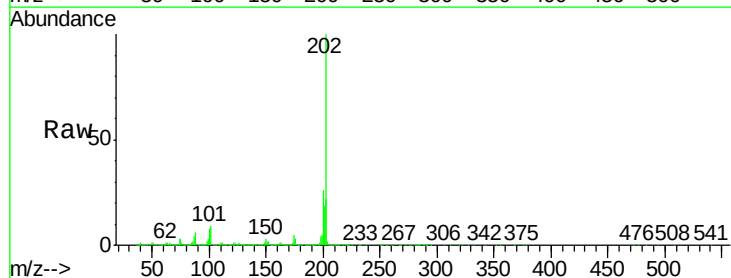
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

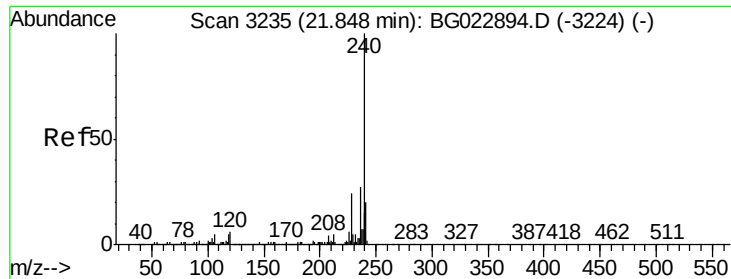
Tgt Ion:149 Resp: 2111186
Ion Ratio Lower Upper
149 100
150 12.5 9.1 13.7
104 8.5 6.9 10.3



#74
Fluoranthene
Concen: 43.01 ng
RT: 19.61 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:202 Resp: 2317533
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.4
203 21.9 1.7 41.7

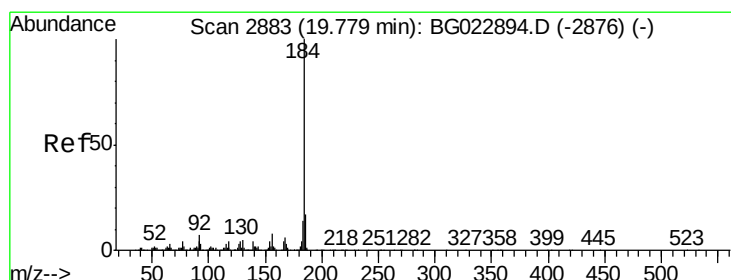
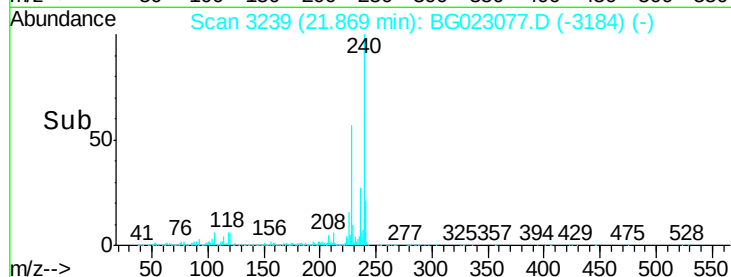
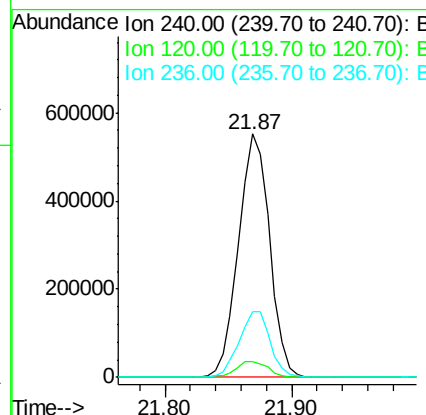
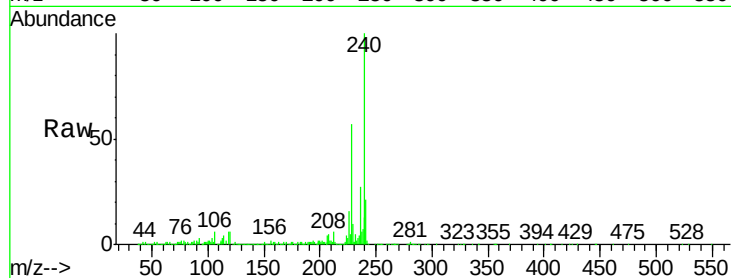




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.02 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

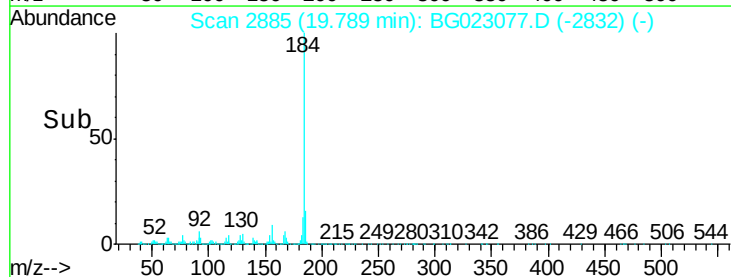
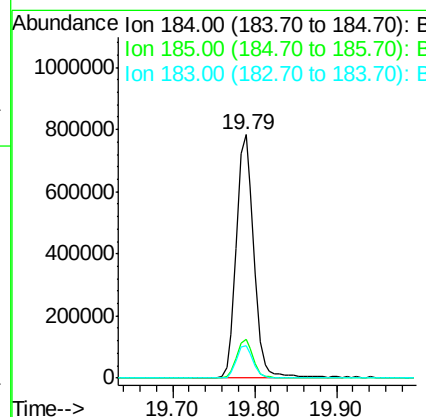
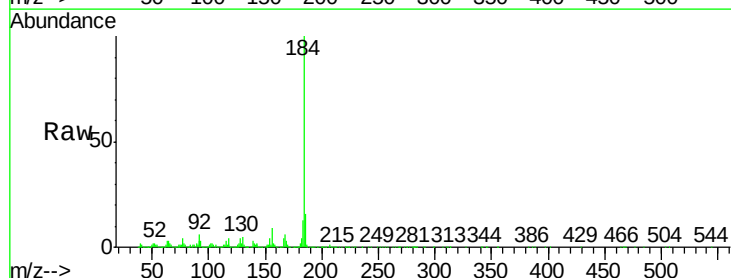
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

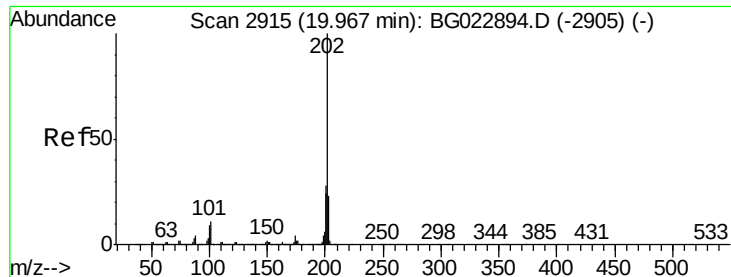
Tgt Ion:240 Resp: 933314
 Ion Ratio Lower Upper
 240 100
 120 6.3 4.1 6.1#
 236 26.8 21.1 31.7



#76
 Benzidine
 Concen: 44.04 ng
 RT: 19.79 min Scan# 2885
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:184 Resp: 1178372
 Ion Ratio Lower Upper
 184 100
 185 15.7 12.6 19.0
 183 13.4 10.7 16.1





#77

Pyrene

Concen: 43.99 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

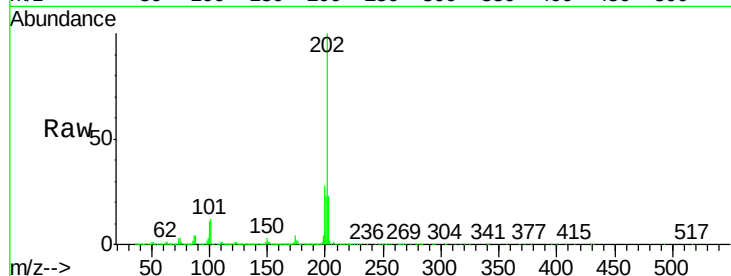
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tgt Ion:202 Resp: 2307030

Ion	Ratio	Lower	Upper
202	100		
200	28.3	21.2	31.8
203	23.1	16.8	25.2

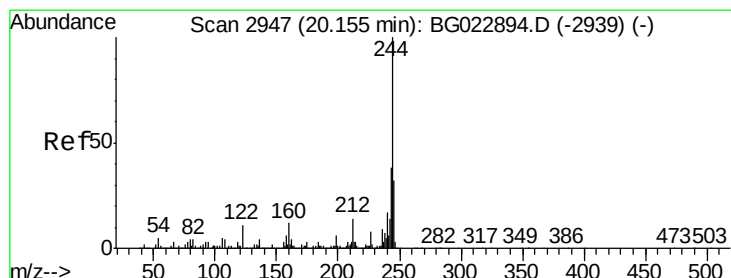
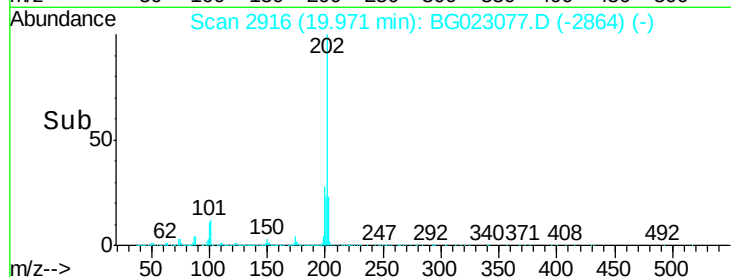
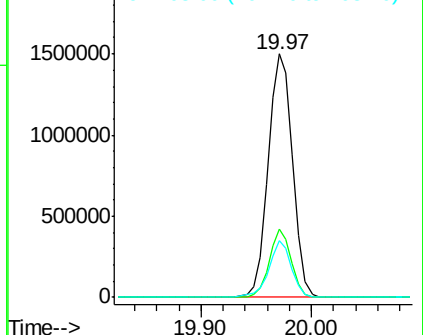


Abundance

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: 97.79 ng

RT: 20.16 min Scan# 2948

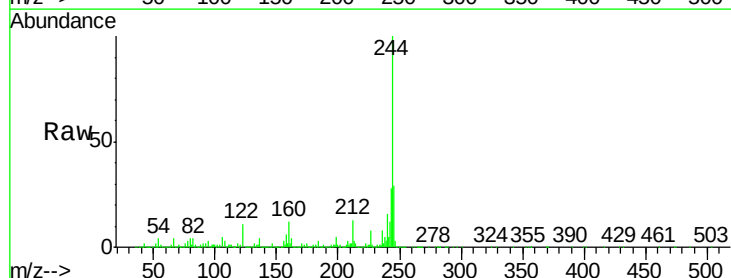
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:244 Resp: 2717700

Ion	Ratio	Lower	Upper
244	100		
212	13.2	10.8	16.2
122	10.6	8.0	12.0

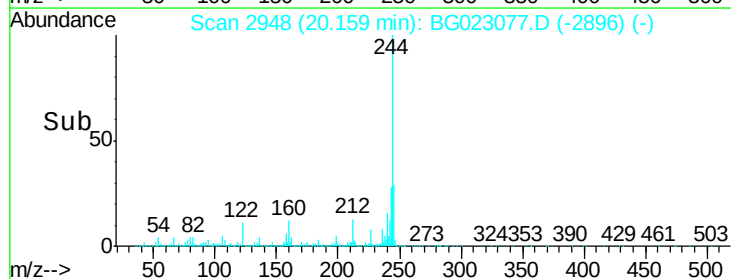
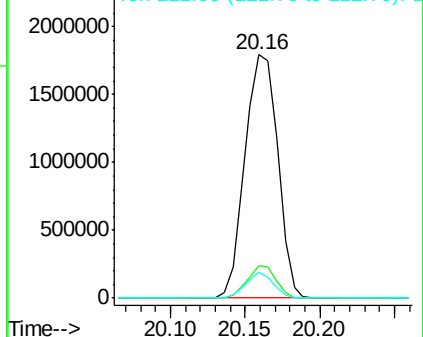


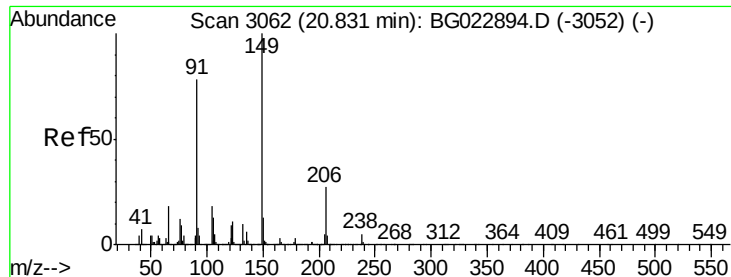
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

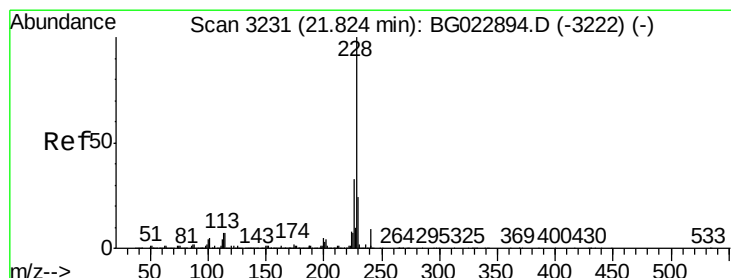
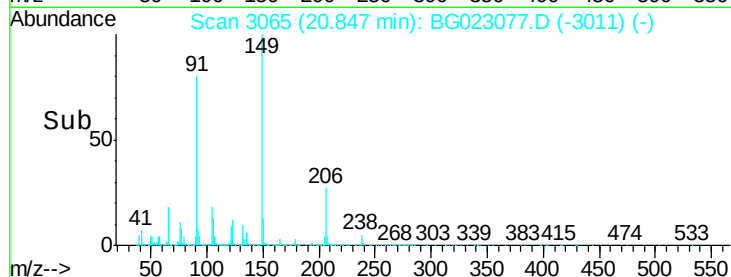
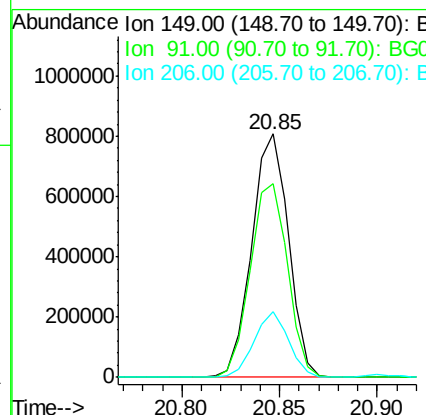
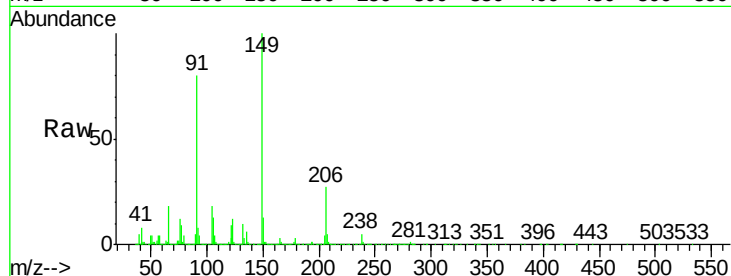




#79
Butylbenzylphthalate
Concen: 50.60 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

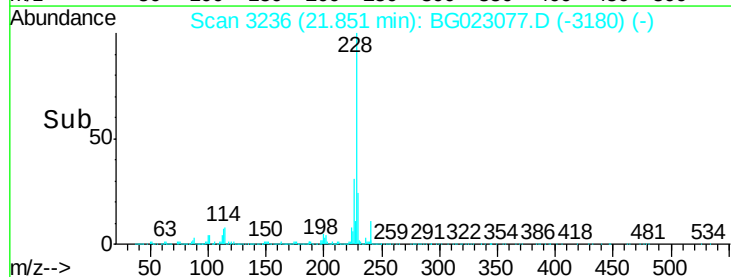
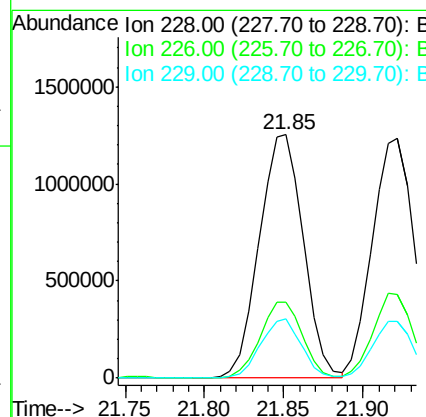
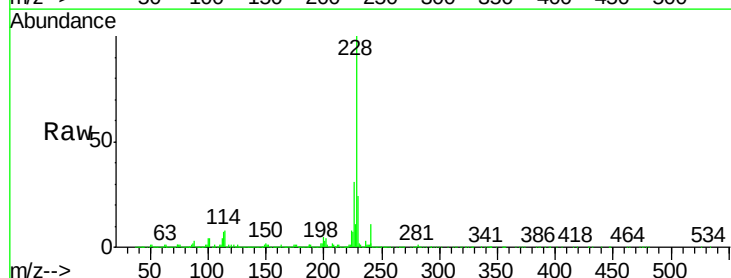
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

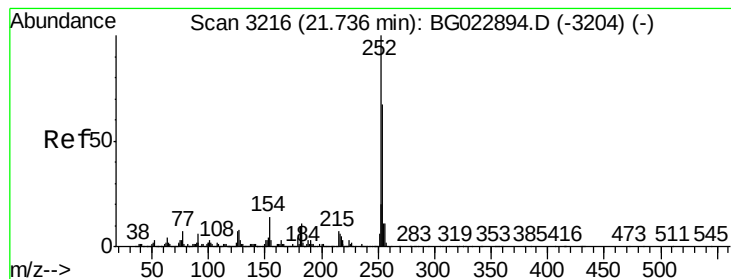
Tgt Ion:149 Resp: 1051120
Ion Ratio Lower Upper
149 100
91 79.7 68.1 102.1
206 26.7 19.8 29.6



#80
Benzo(a)anthracene
Concen: 46.36 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.03 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:228 Resp: 2420850
Ion Ratio Lower Upper
228 100
226 31.3 25.3 37.9
229 24.4 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 23.85 ng

RT: 21.76 min Scan# 3220

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

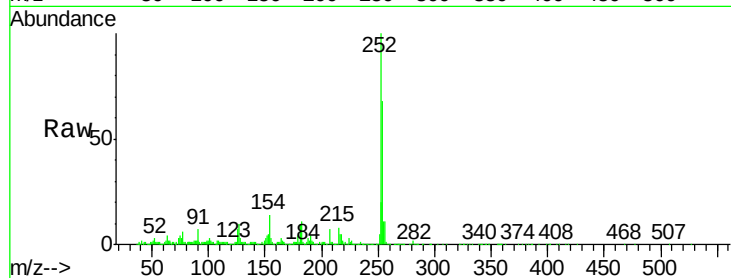
Tgt Ion:252 Resp: 546740

Ion Ratio Lower Upper

252 100

254 68.4 51.2 76.8

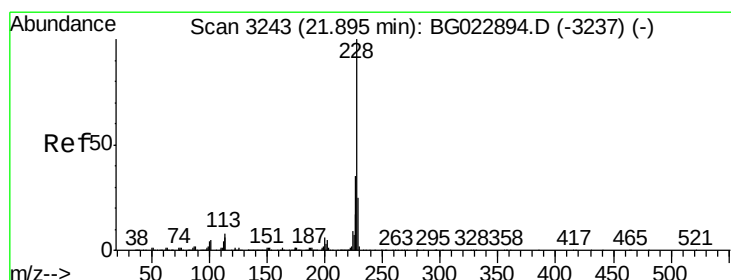
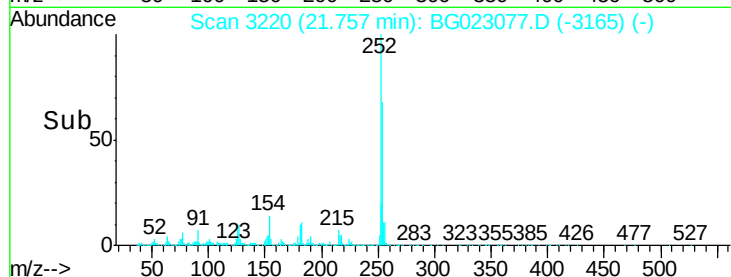
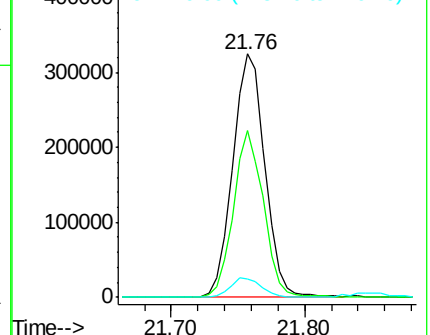
126 7.3 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.70 ng

RT: 21.92 min Scan# 3248

Delta R.T. 0.03 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

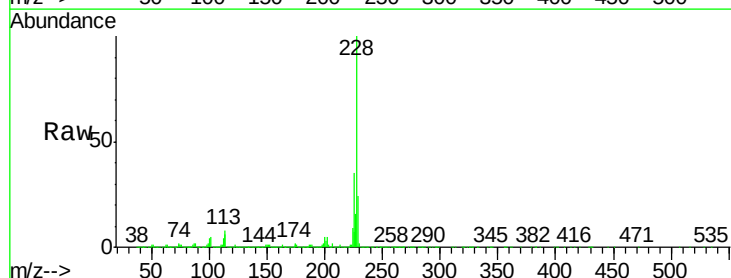
Tgt Ion:228 Resp: 2238664

Ion Ratio Lower Upper

228 100

226 34.8 26.7 40.1

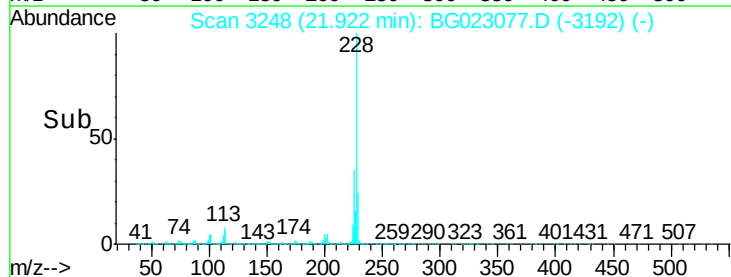
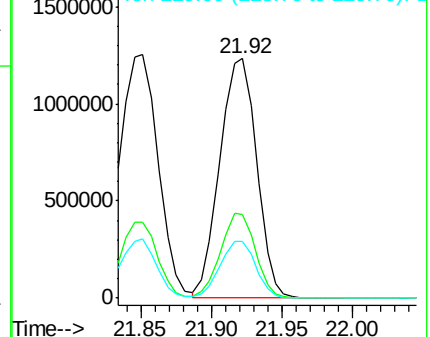
229 23.7 17.4 26.2

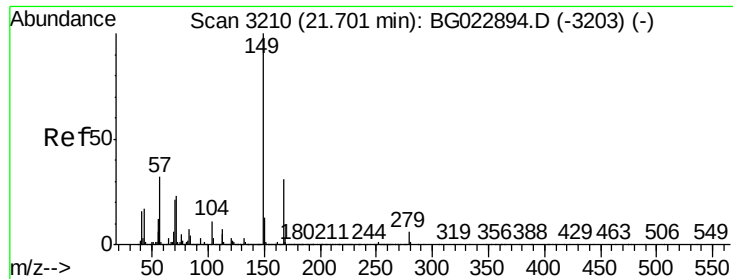


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

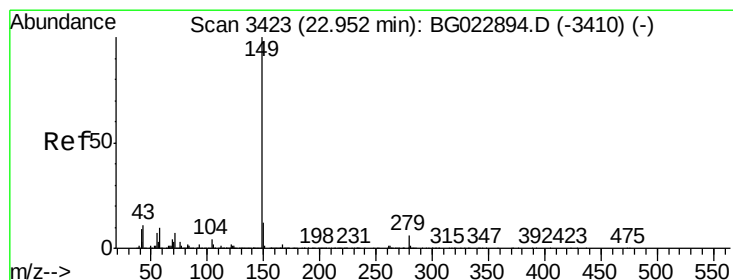
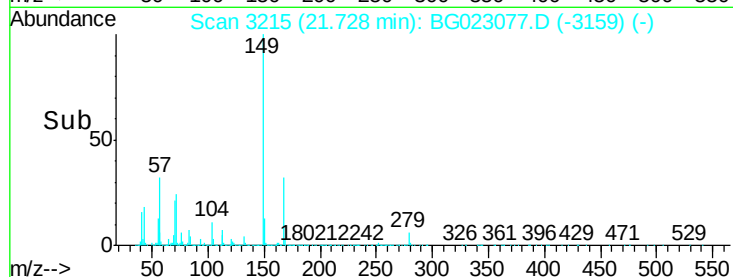
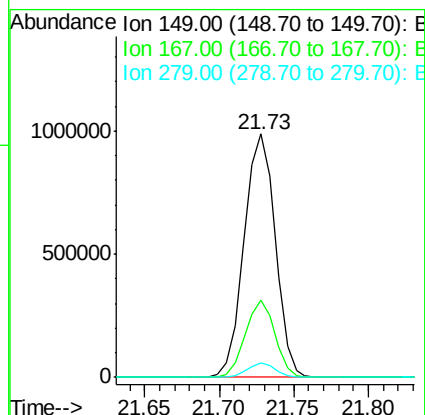
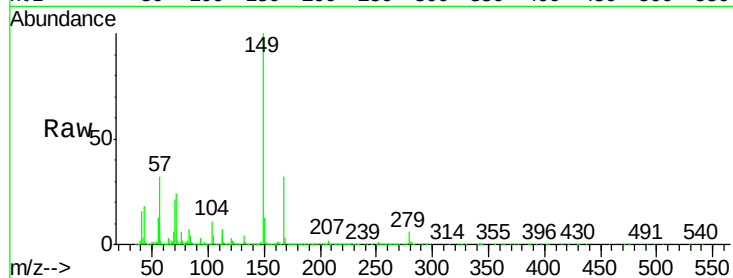




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.33 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.03 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

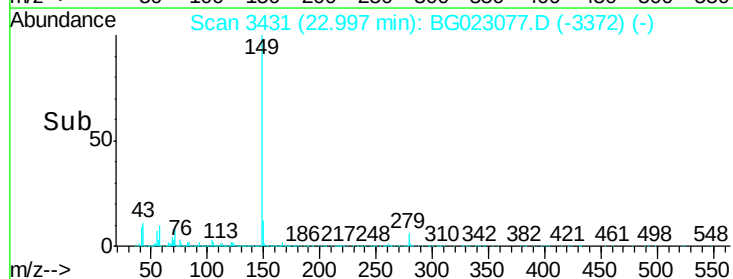
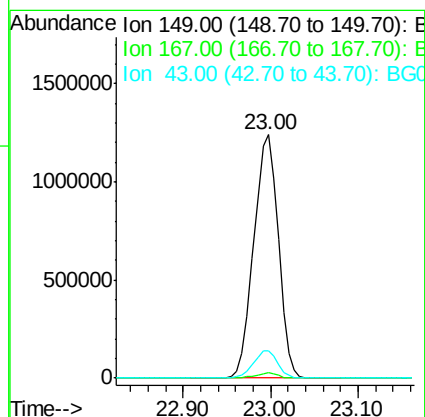
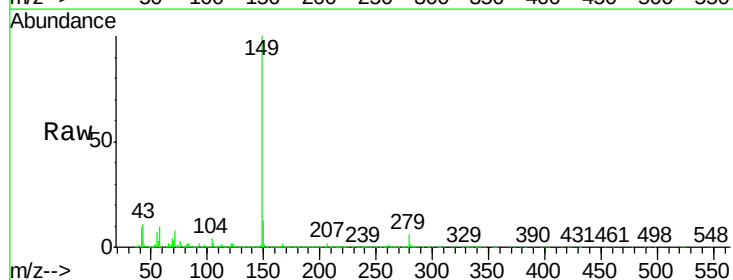
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

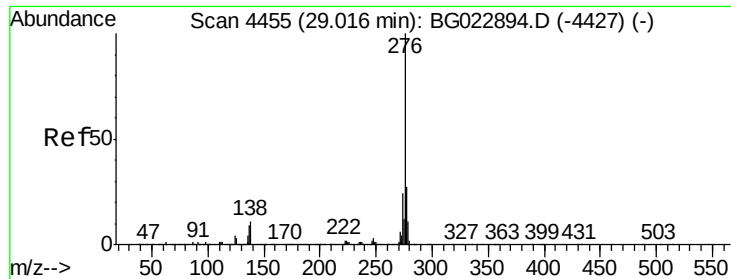
Tgt Ion:149 Resp: 1423078
 Ion Ratio Lower Upper
 149 100
 167 31.8 24.0 36.0
 279 5.9 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 49.13 ng
 RT: 23.00 min Scan# 3431
 Delta R.T. 0.04 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

Tgt Ion:149 Resp: 2363241
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.8 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.90 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.13 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

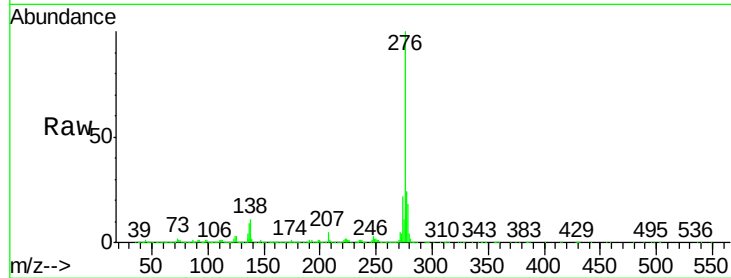
Tgt Ion:276 Resp: 2741753

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

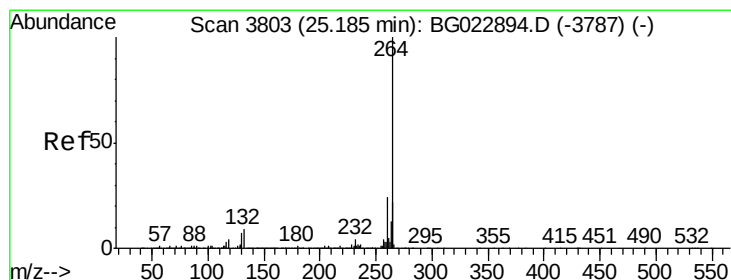
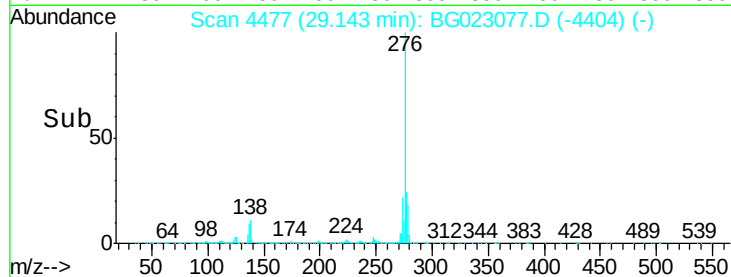
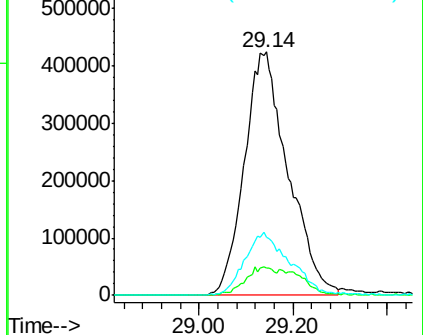
277 26.3 0.0 0.0#



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: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

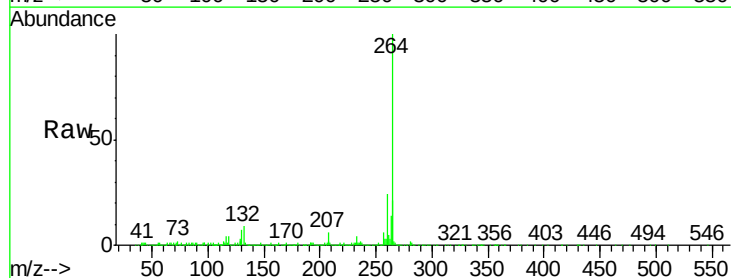
Tgt Ion:264 Resp: 955763

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

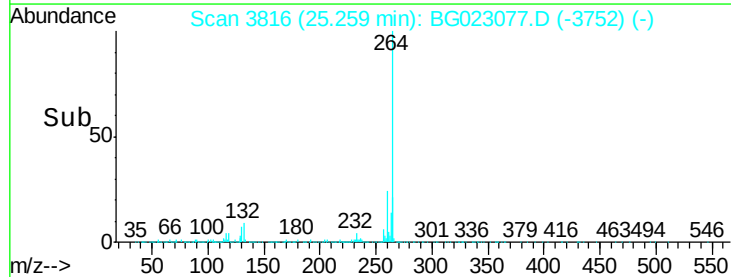
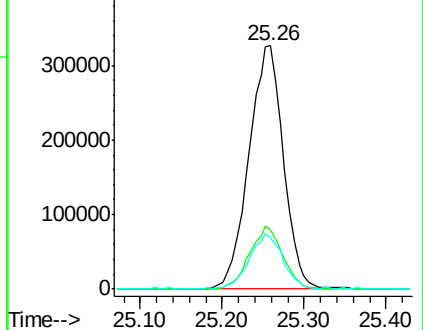
265 21.2 18.9 28.3

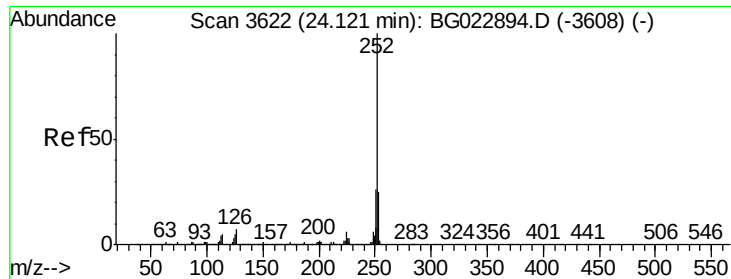


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

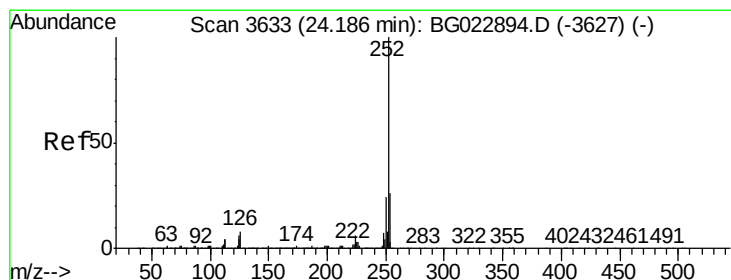
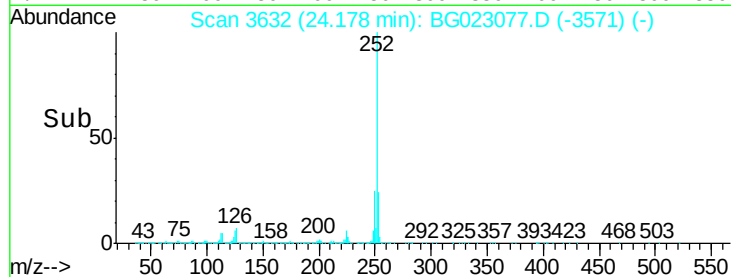
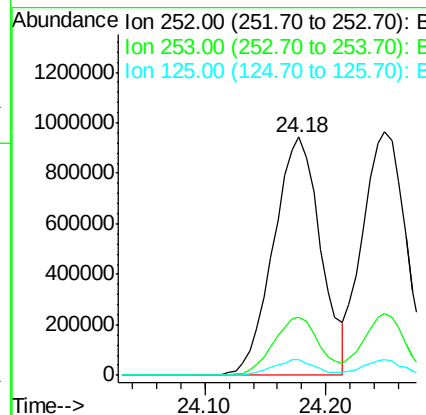
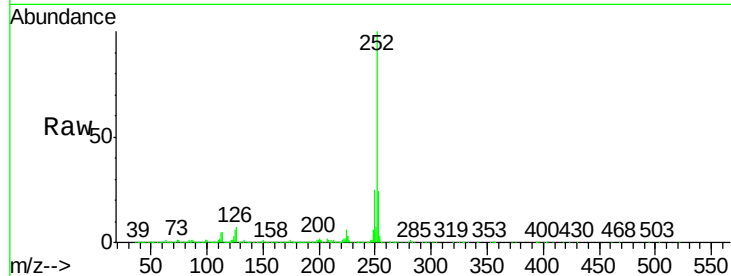




#87
Benzo(b)fluoranthene
Concen: 46.33 ng
RT: 24.18 min Scan# 3632
Delta R.T. 0.06 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

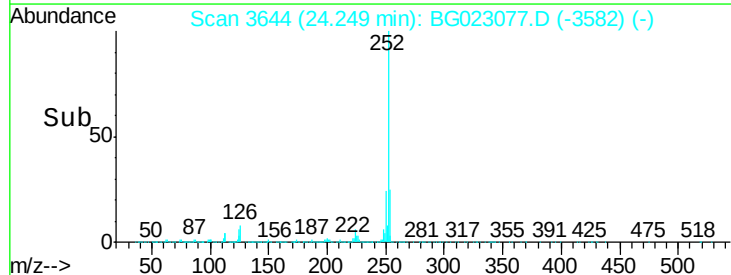
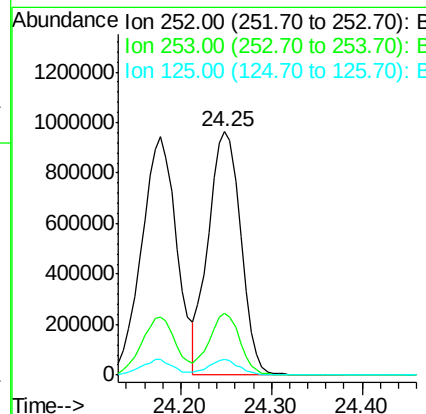
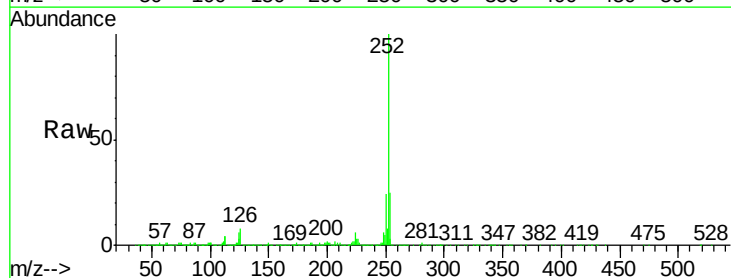
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

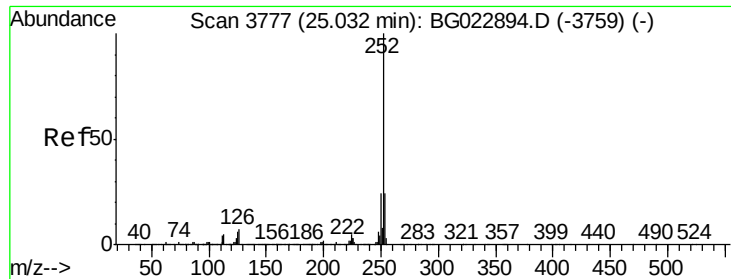
Tgt Ion:252 Resp: 2554653
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 6.4 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 45.78 ng
RT: 24.25 min Scan# 3644
Delta R.T. 0.06 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion:252 Resp: 2395771
Ion Ratio Lower Upper
252 100
253 25.2 18.8 28.2
125 6.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 46.31 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.06 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

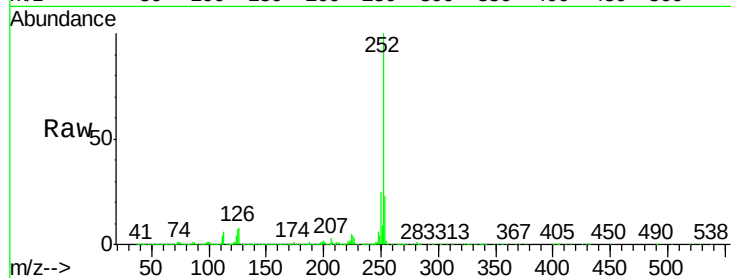
Tgt Ion:252 Resp: 2447663

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

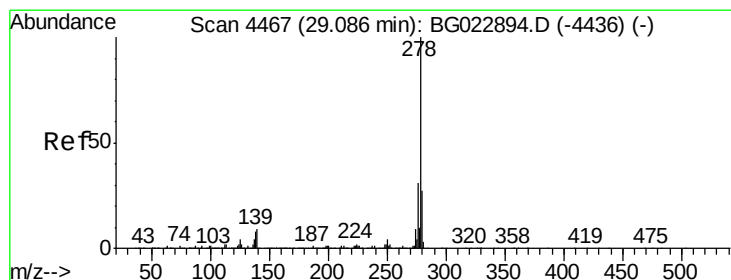
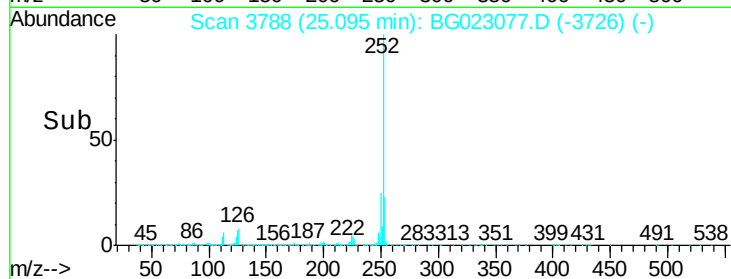
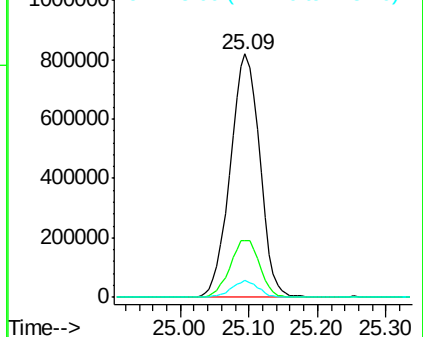
125 6.8 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.99 ng

RT: 29.20 min Scan# 4487

Delta R.T. 0.12 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

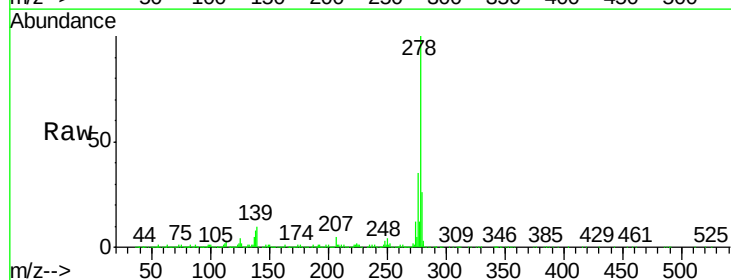
Tgt Ion:278 Resp: 2307782

Ion Ratio Lower Upper

278 100

139 10.4 4.7 7.1#

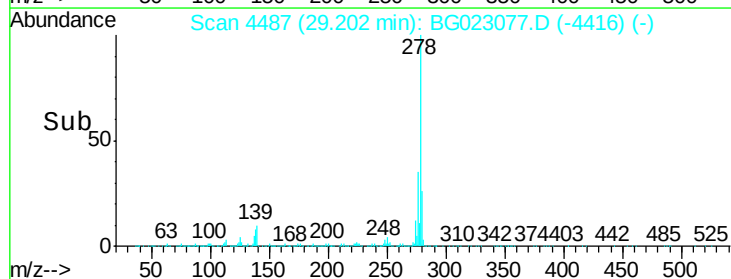
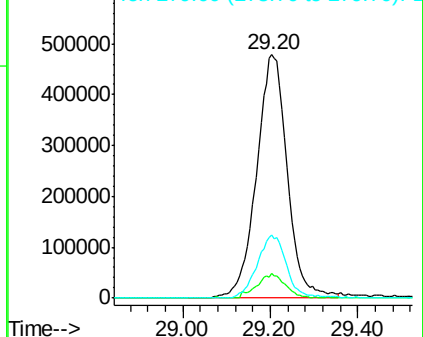
279 25.9 18.3 27.5

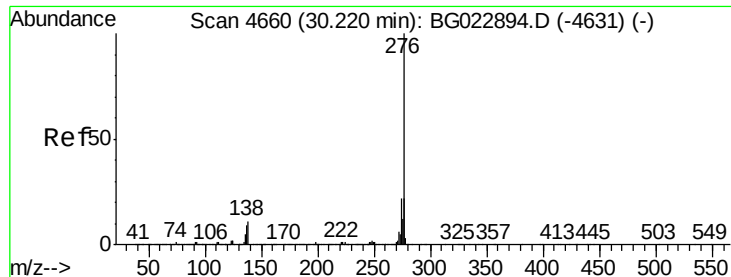


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.70 ng

RT: 30.35 min Scan# 4682

Delta R.T. 0.13 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

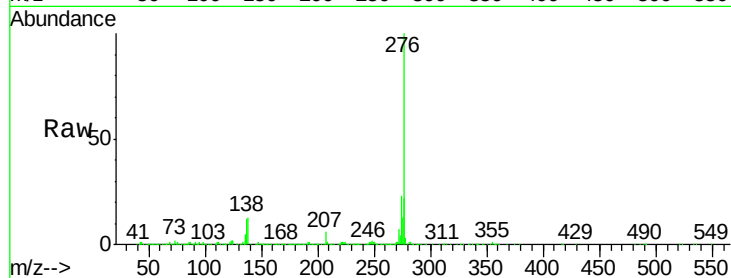
Tgt Ion:276 Resp: 2243213

Ion Ratio Lower Upper

276 100

277 22.2 18.6 27.8

138 12.9 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

