

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 13:47:12 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
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	153888m	41.90	ng	
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
42) 2,4,6-Trichlorophenol	13.24	196	440715	45.04	ng	99

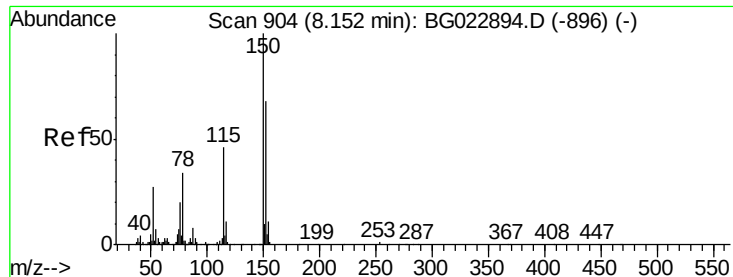
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023077.D
 Acq On : 13 Jul 2016 19:50
 Operator : UM/SJ
 Sample : H3946-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 14 13:47:12 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)
43) 2,4,5-Trichlorophenol	13.31	196	472331	47.01	nq	92
45) 1,1'-Biphenyl	13.64	154	1278567	43.14	nq	98
46) 2-Chloronaphthalene	13.68	162	1052223	43.76	nq	97
47) 2-Nitroaniline	13.89	65	464938	45.32	nq	92
48) Acenaphthylene	14.53	152	1562293	43.32	nq	99
49) Dimethylphthalate	14.25	163	1936986	60.03	nq	# 96
50) 2,6-Dinitrotoluene	14.38	165	326932	45.08	nq	90
51) Acenaphthene	14.87	154	1018674	43.22	nq	99
52) 3-Nitroaniline	14.71	138	165972	22.95	nq	95
53) 2,4-Dinitrophenol	14.92	184	133778	26.88	nq	96
54) Dibenzofuran	15.20	168	1632689	46.28	nq	99
55) 4-Nitrophenol	15.03	139	486734	80.30	nq	95
56) 2,4-Dinitrotoluene	15.17	165	471451	44.59	nq	# 98
57) Fluorene	15.85	166	1325437	43.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	463989	46.15	nq	99
59) Diethylphthalate	15.61	149	1448203	44.11	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	777384	42.04	nq	97
61) 4-Nitroaniline	15.88	138	315560	40.33	nq	# 86
62) Azobenzene	16.13	77	1551107	49.39	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	260662	39.15	nq	96
65) n-Nitrosodiphenylamine	16.06	169	1241139	48.08	nq	95
66) 4-Bromophenyl-phenylether	16.74	248	522649	44.84	nq	95
67) Hexachlorobenzene	16.86	284	546319	43.11	nq	98
68) Atrazine	17.00	200	516924	45.15	nq	97
69) Pentachlorophenol	17.21	266	674579	82.19	nq	99
70) Phenanthrene	17.60	178	2039902	46.46	nq	97
71) Anthracene	17.70	178	2065979	46.47	nq	98
72) Carbazole	17.97	167	1831601	47.68	nq	99
73) Di-n-butylphthalate	18.51	149	2111186	49.42	nq	98
74) Fluoranthene	19.61	202	2317533	43.01	nq	98
76) Benzidine	19.79	184	1178372	44.04	nq	100
77) Pyrene	19.97	202	2307030	43.99	nq	96
79) Butylbenzylphthalate	20.85	149	1051120	50.60	nq	95
80) Benzo(a)anthracene	21.85	228	2420850	46.36	nq	99
81) 3,3'-Dichlorobenzidine	21.76	252	546740	23.85	nq	95
82) Chrysene	21.92	228	2238664	45.70	nq	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1423078	49.33	nq	97
84) Di-n-octyl phthalate	23.00	149	2363241	49.13	nq	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2741753	43.90	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2554653	46.33	nq	# 98
88) Benzo(k)fluoranthene	24.25	252	2395771	45.78	nq	# 96
89) Benzo(a)pyrene	25.09	252	2447663	46.31	nq	# 99
90) Dibenzo(a,h)anthracene	29.20	278	2307782	43.99	nq	# 92
91) Benzo(g,h,i)perylene	30.35	276	2243213	42.70	nq	# 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

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

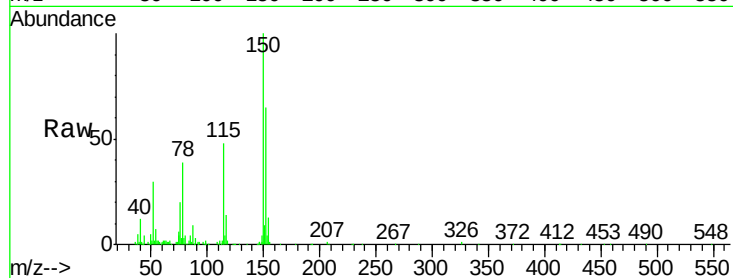
Tot Ion:152 Resp: 104445

Ion Ratio Lower Upper

152 100

150 153.2 144.7 217.1

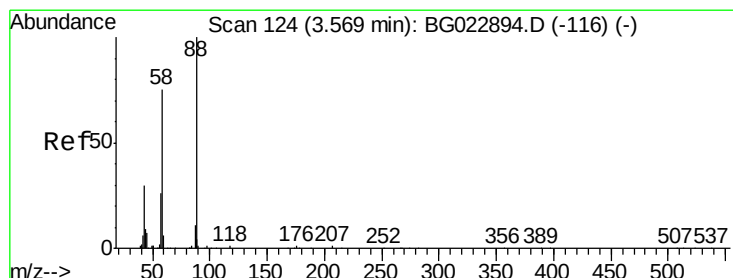
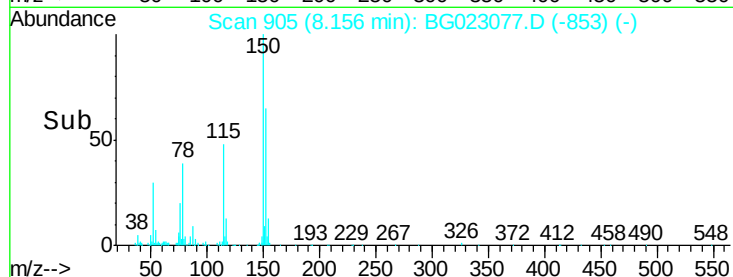
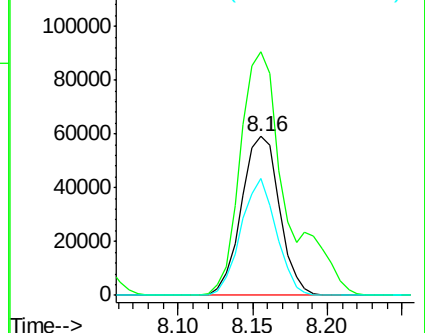
115 73.6 64.0 96.0



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

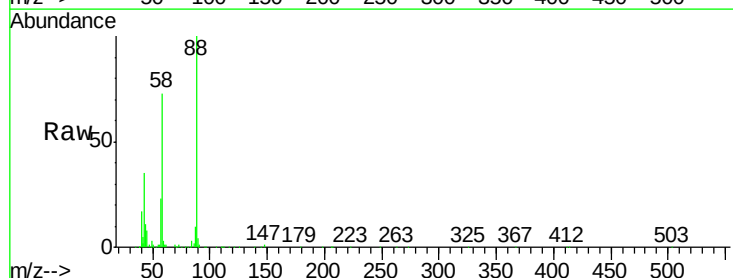
Tgt Ion: 88 Resp: 103886

Ion Ratio Lower Upper

88 100

58 74.4 60.4 90.6

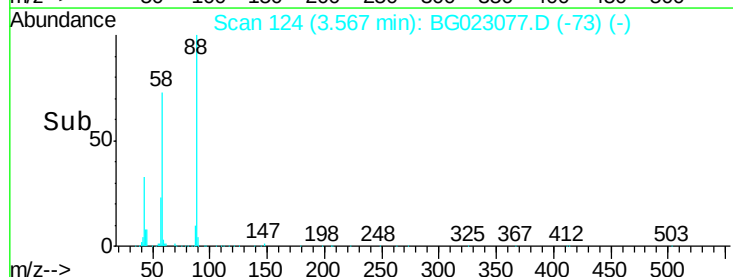
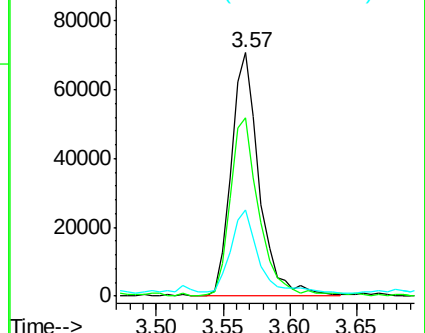
43 34.3 31.1 46.7

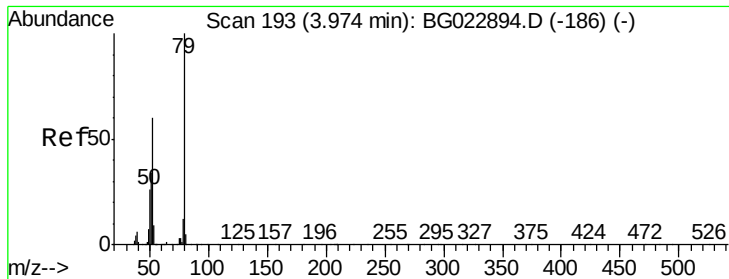


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

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 :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

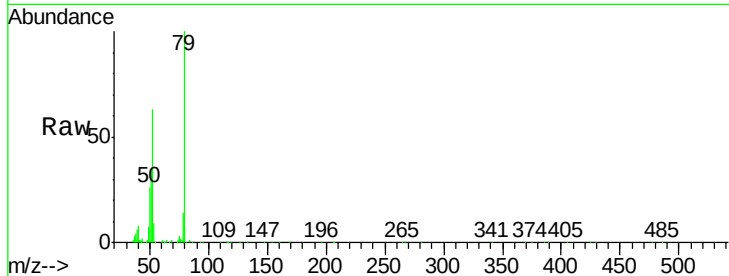
Tot Ion: 79 Resp: 281979

Ion Ratio Lower Upper

79 100

52 62.7 51.8 77.8

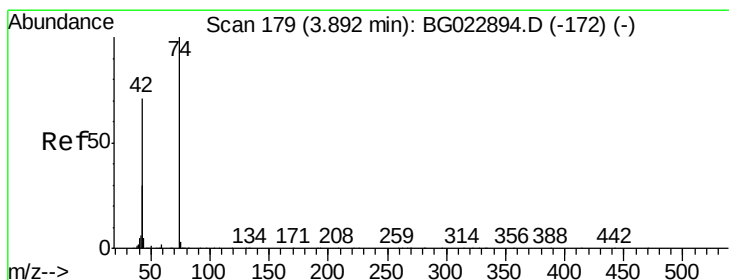
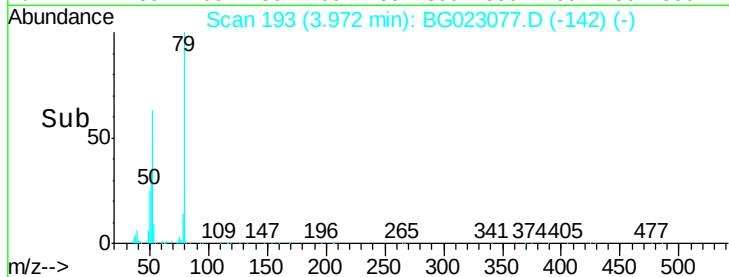
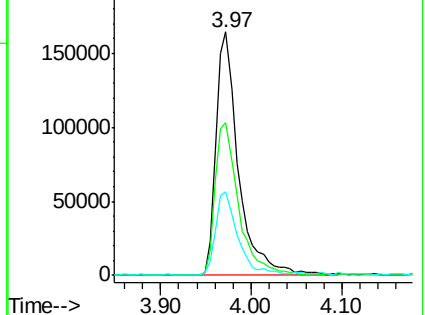
51 34.4 32.7 49.1



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

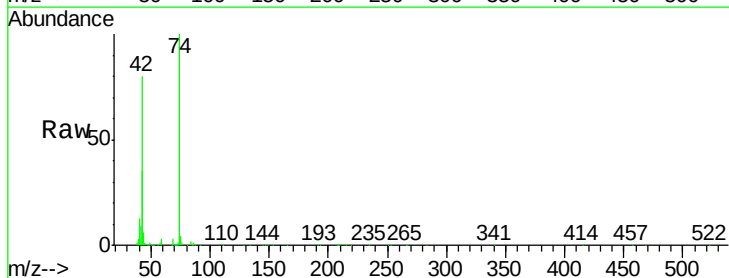
Tgt Ion: 42 Resp: 156792

Ion Ratio Lower Upper

42 100

74 125.7 100.6 150.8

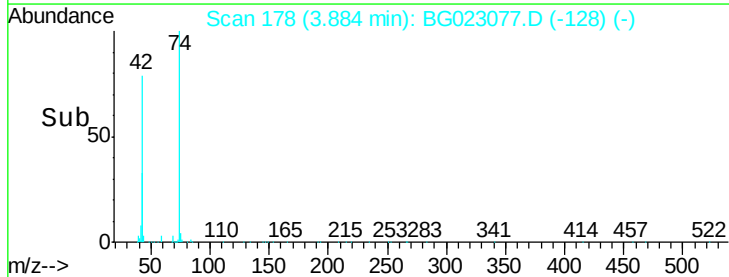
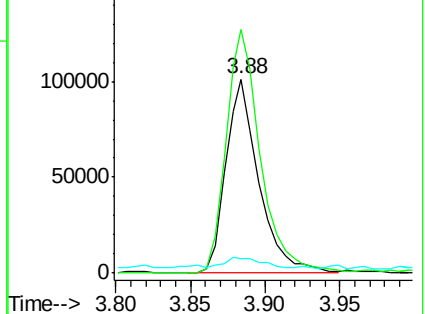
44 7.2 4.5 6.7#

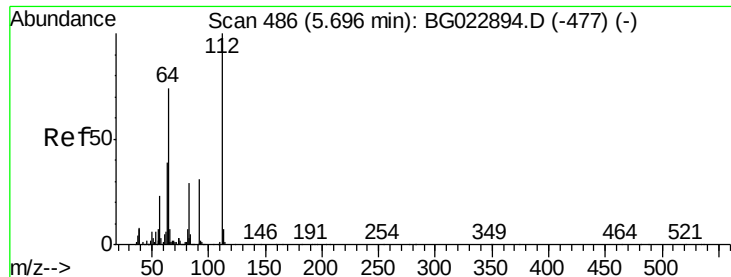


Abundance Ion 42.00 (41.70 to 42.70): BGC

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

Acq: 13 Jul 2016 19:50

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

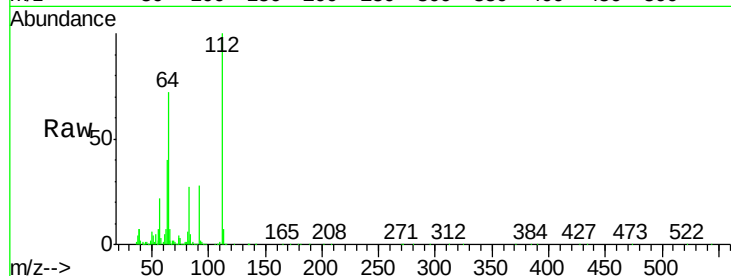
Tot Ion:112 Resp: 942178

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

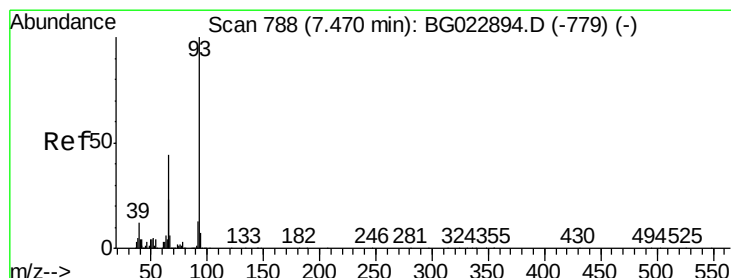
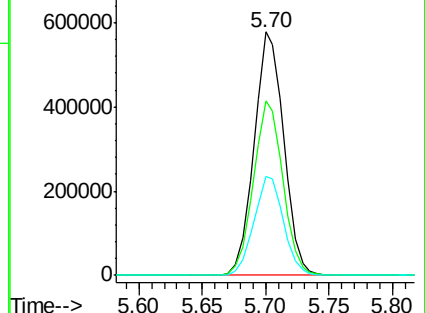
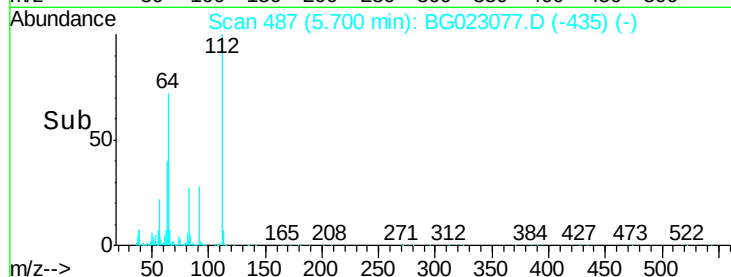
63 40.5 37.8 56.8



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

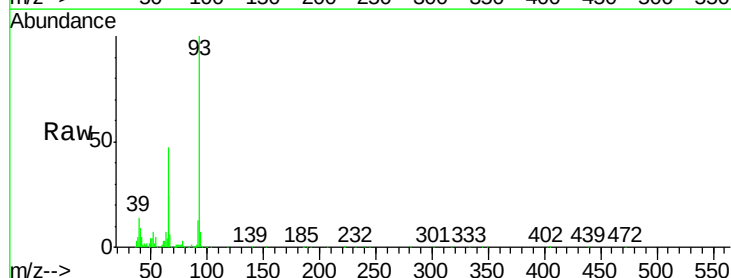
Tgt Ion: 93 Resp: 321590

Ion Ratio Lower Upper

93 100

66 47.3 37.5 56.3

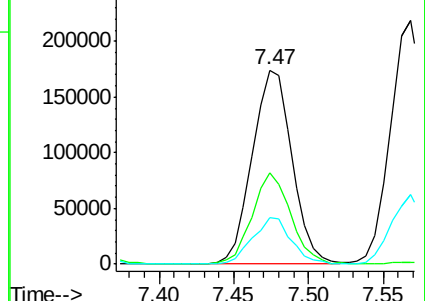
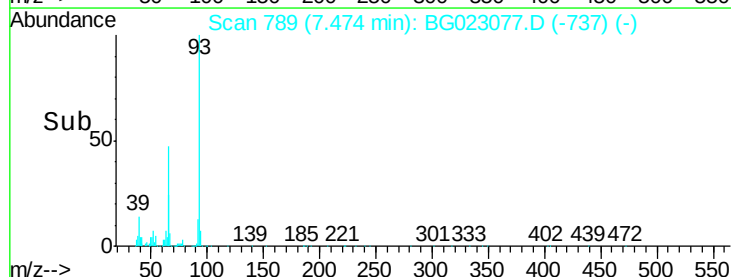
65 24.0 17.9 26.9

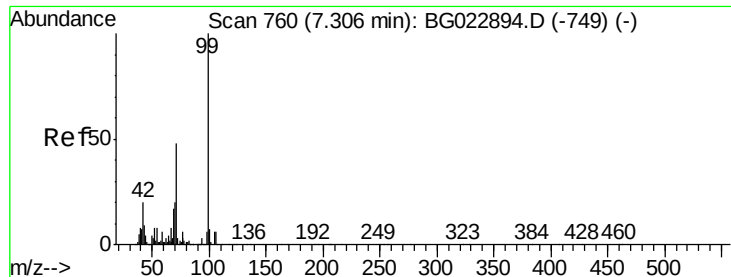


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Instrument :

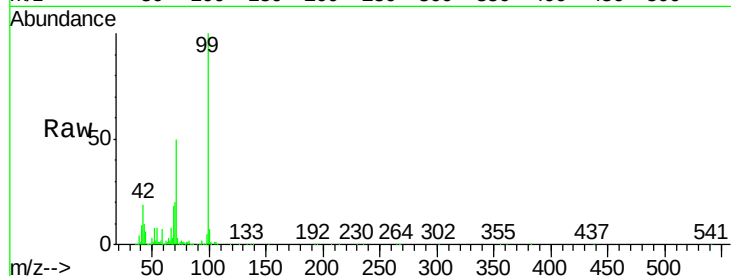
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion: 99 Resp: 1487607

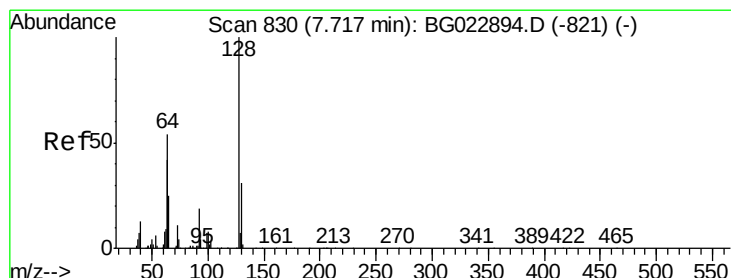
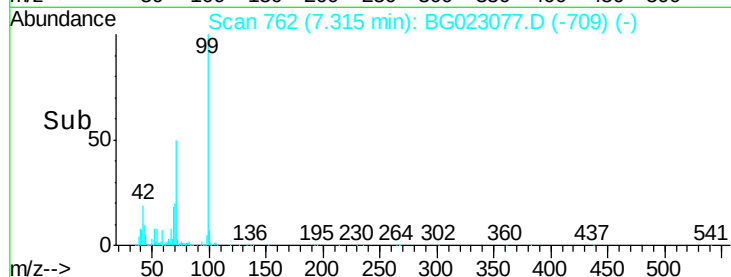
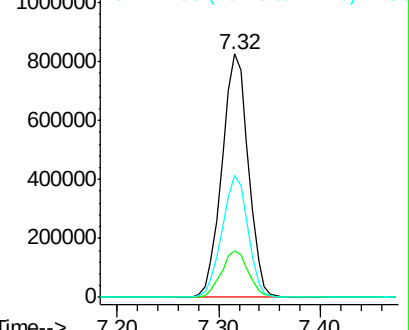
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	50.3	41.5	62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.72 ng

RT: 7.72 min Scan# 831

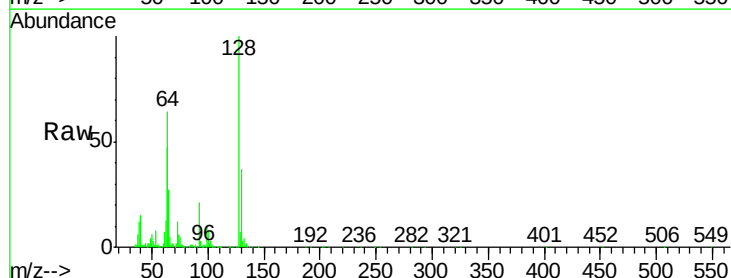
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion: 128 Resp: 351487

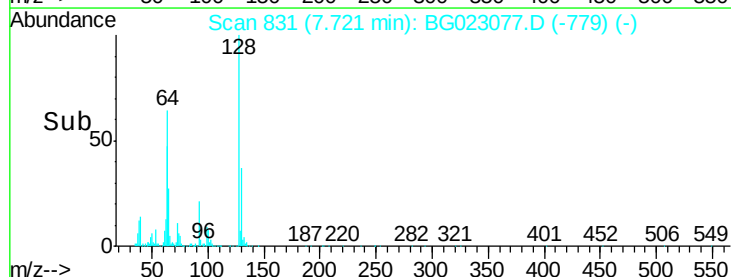
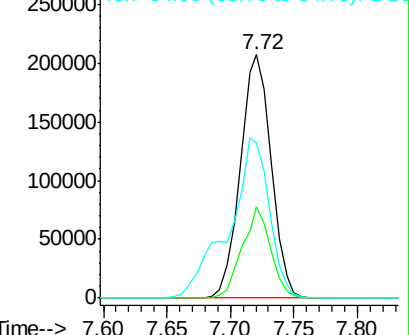
Ion	Ratio	Lower	Upper
128	100		
130	37.5	12.9	52.9
64	64.0	42.0	82.0

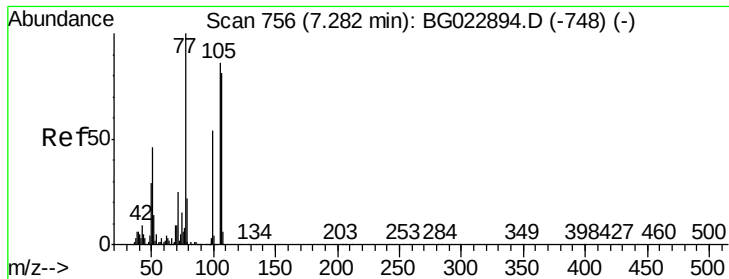


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.44 ng

RT: 7.29 min Scan# 757

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

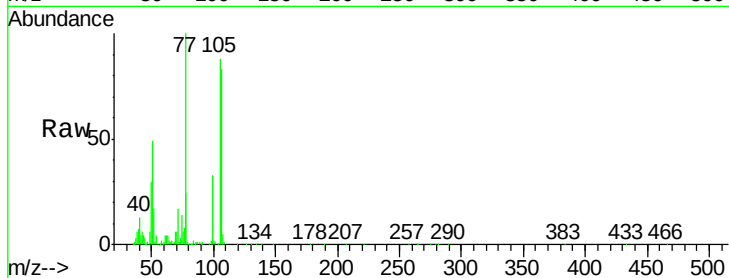
Tot Ion: 77 Resp: 203416

Ion Ratio Lower Upper

77 100

105 88.3 58.7 98.7

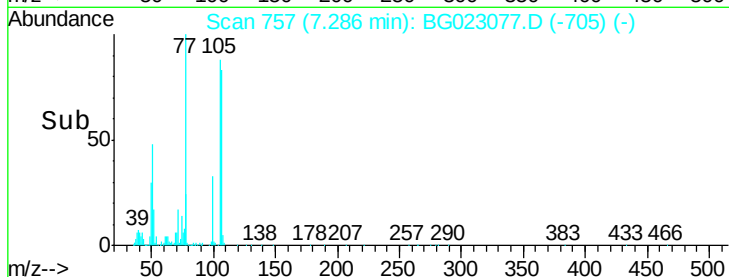
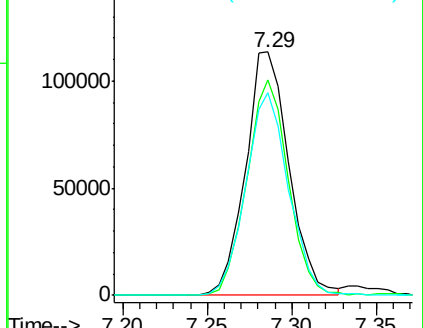
106 83.0 67.5 107.5



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

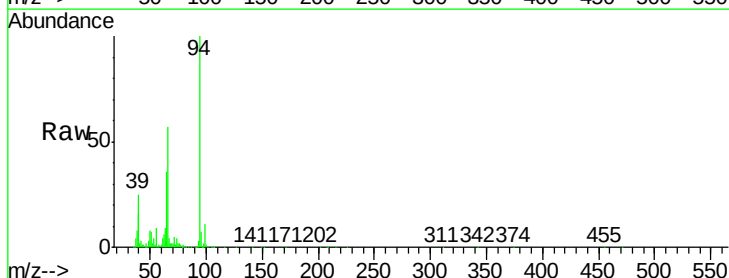
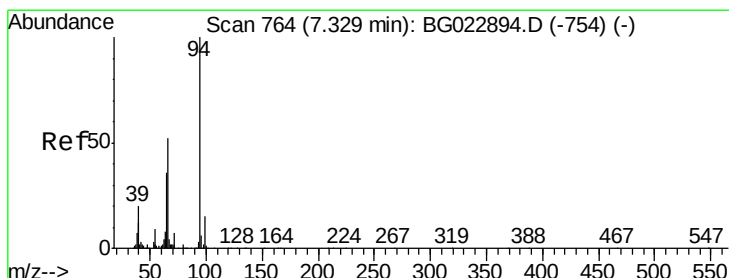
Tgt Ion: 94 Resp: 547607

Ion Ratio Lower Upper

94 100

65 36.2 18.1 58.1

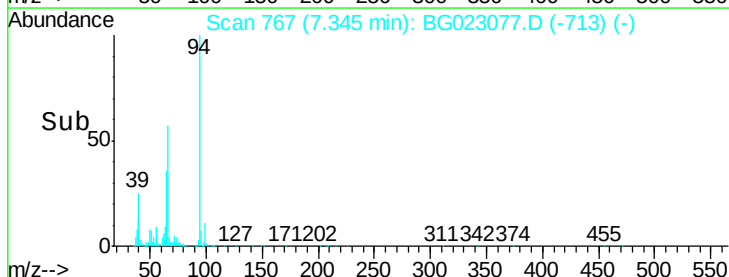
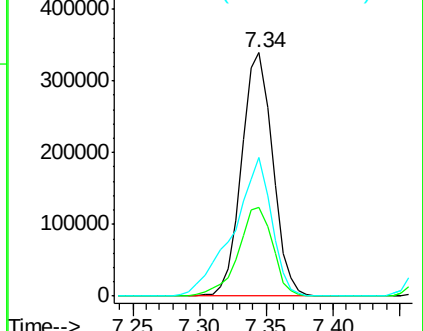
66 56.8 42.1 82.1

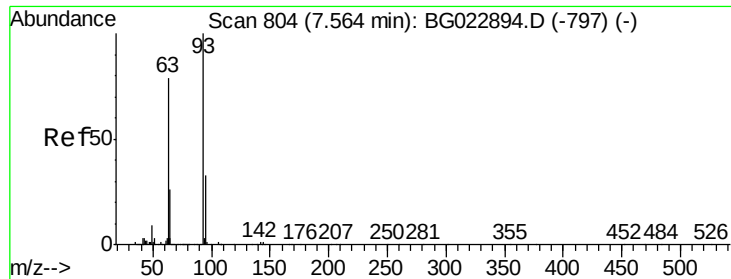


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

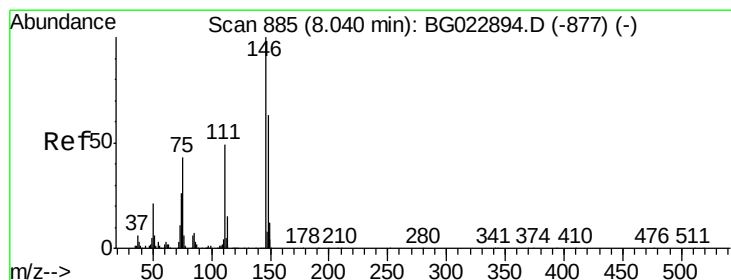
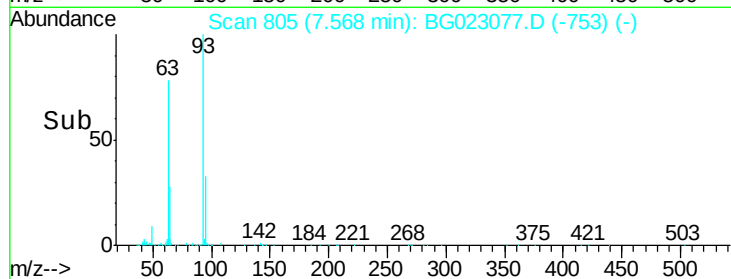
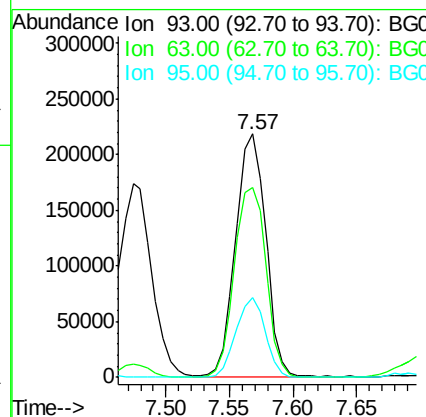
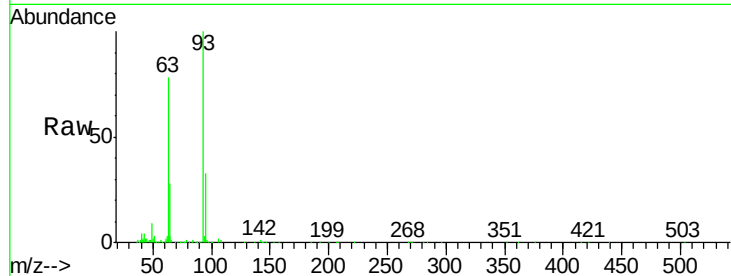




#11
bis(2-Chloroethyl)ether
Concen: 44.40 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

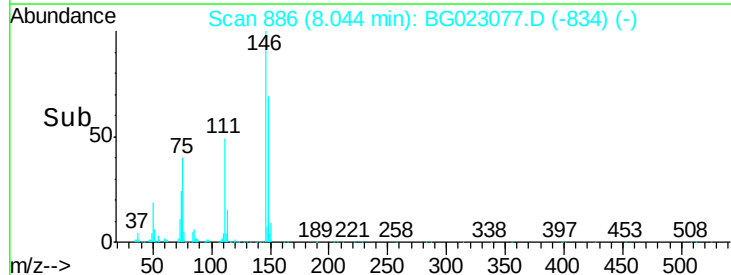
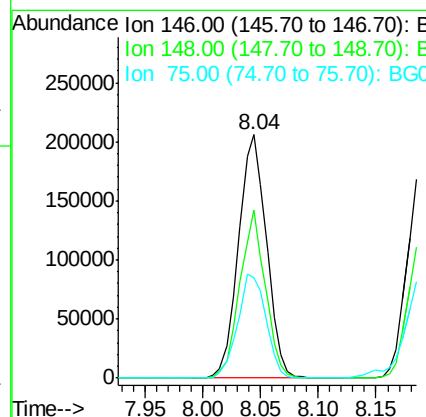
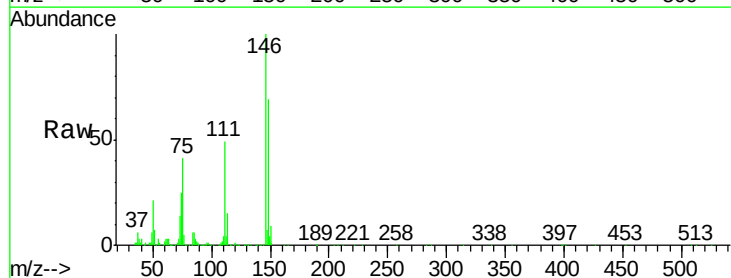
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

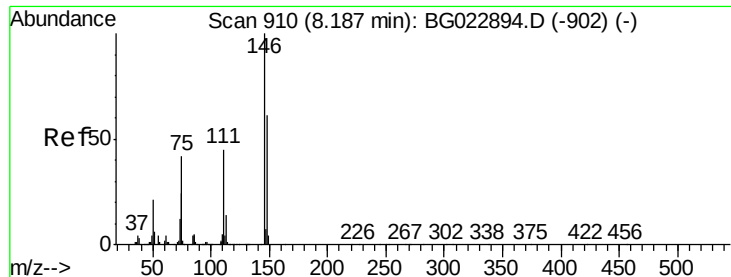
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.0	95.0
95	32.7	11.0	51.0



#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

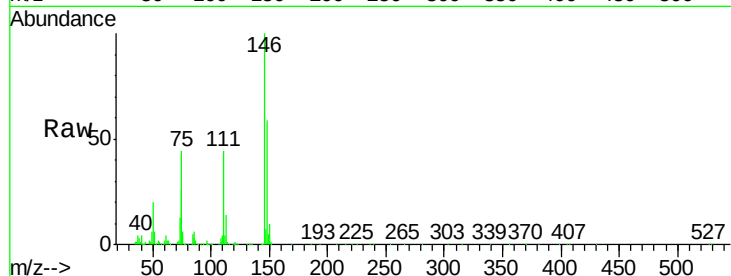
Tot Ion:146 Resp: 348073

Ion Ratio Lower Upper

146 100

148 58.8 54.5 81.7

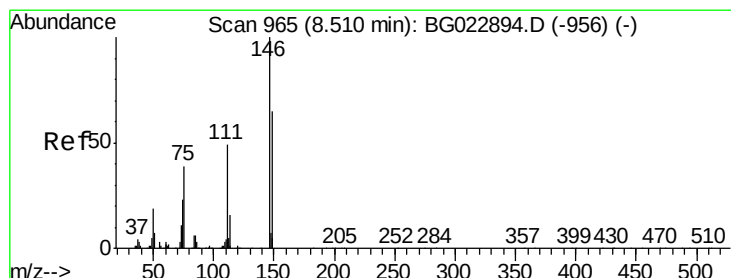
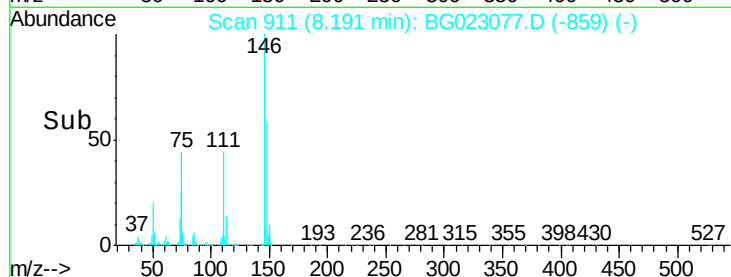
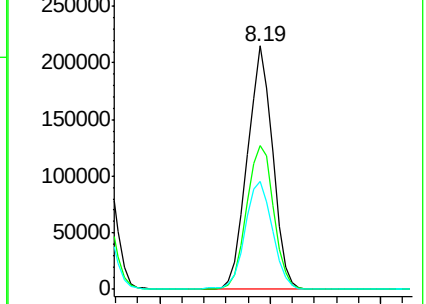
111 44.3 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

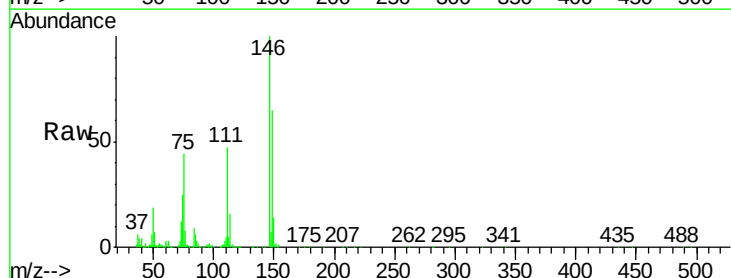
Tgt Ion:146 Resp: 347587

Ion Ratio Lower Upper

146 100

148 65.5 52.9 79.3

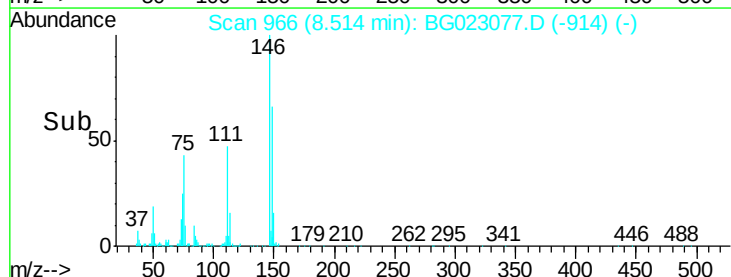
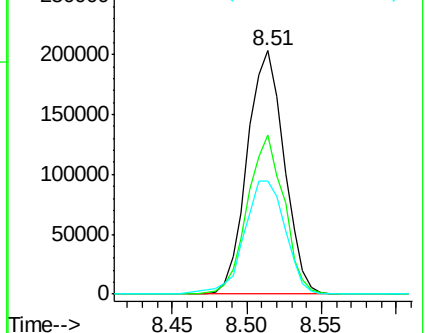
111 46.7 43.5 65.3

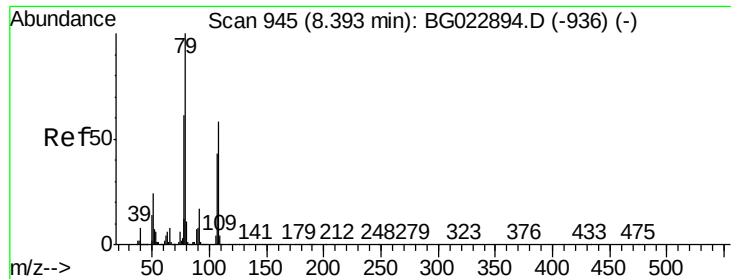


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

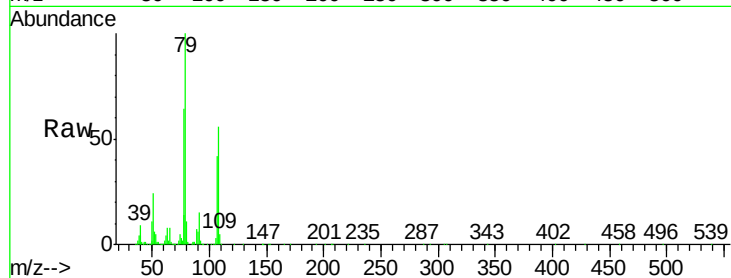
Tot Ion: 79 Resp: 490417

Ion Ratio Lower Upper

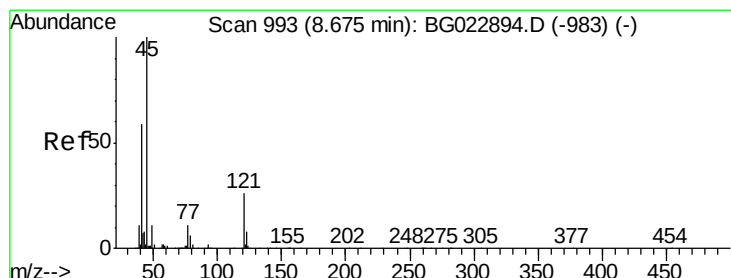
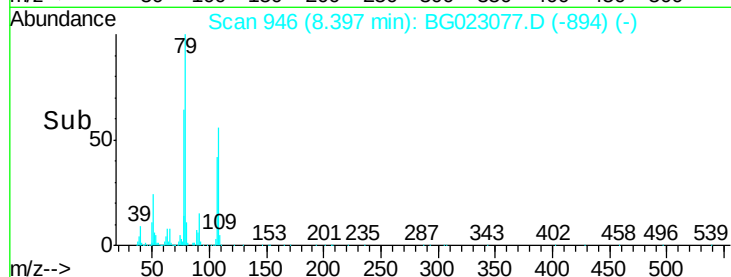
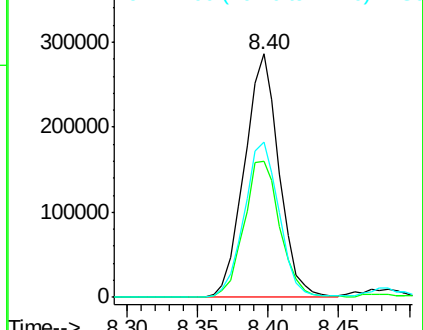
79 100

108 55.9 46.5 69.7

77 63.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

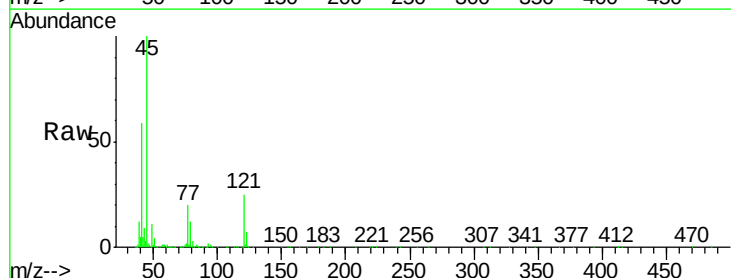
Tgt Ion: 45 Resp: 450179

Ion Ratio Lower Upper

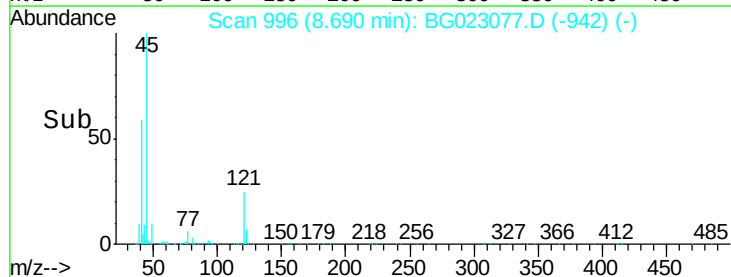
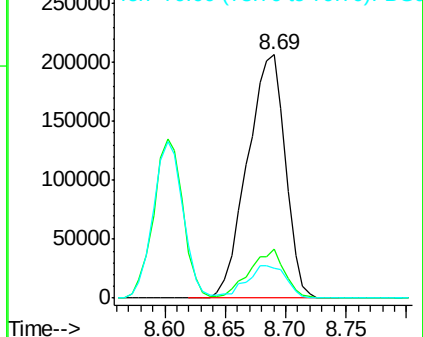
45 100

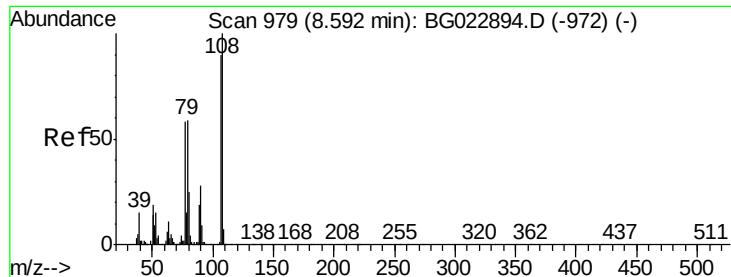
77 20.0 0.6 40.6

79 12.4 0.0 36.2



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





#17

2-Methylphenol

Concen: 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

Tot Ion:107 Resp: 356209

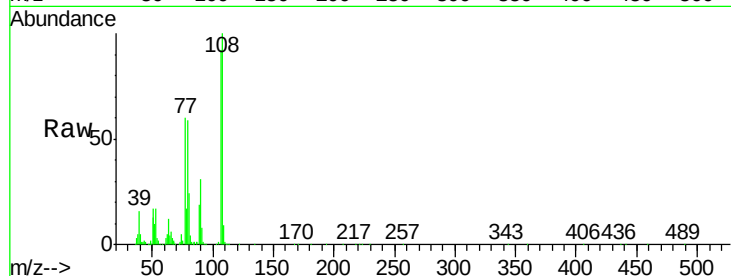
Ion Ratio Lower Upper

107 100

108 108.4 92.0 138.0

77 64.5 55.8 83.6

79 63.5 55.0 82.6

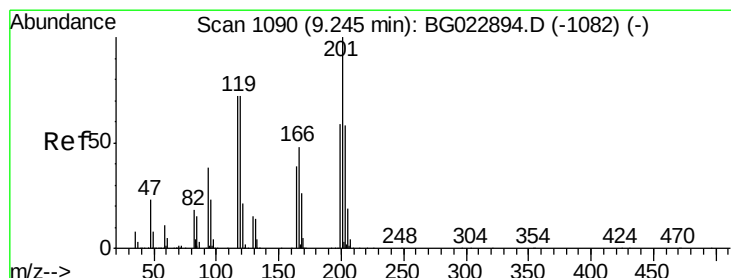
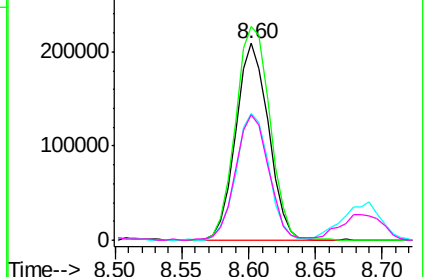
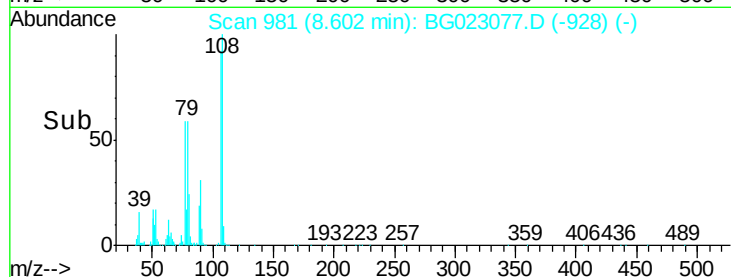


Abundance Ion 107.00 (106.70 to 107.70): E

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

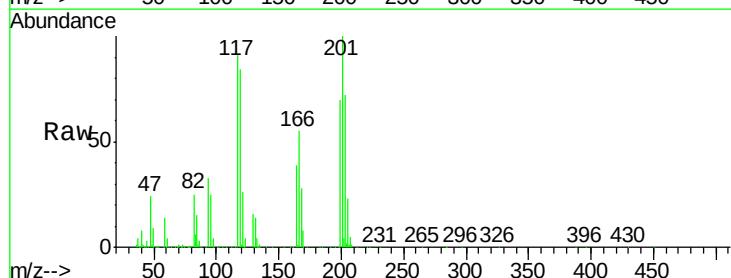
Tgt Ion:117 Resp: 145148

Ion Ratio Lower Upper

117 100

119 93.3 73.7 110.5

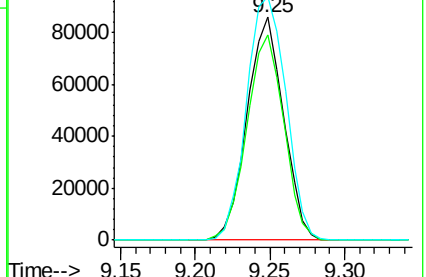
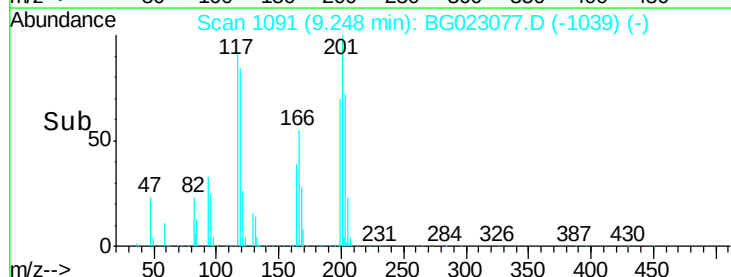
201 109.4 88.7 133.1

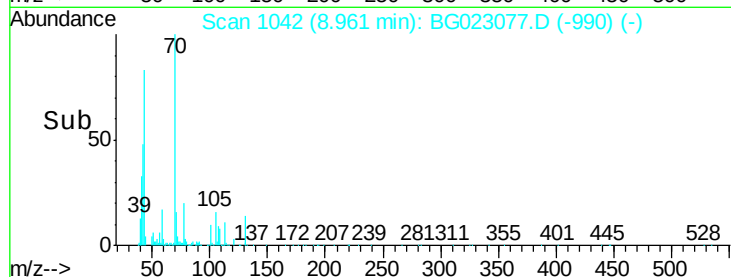
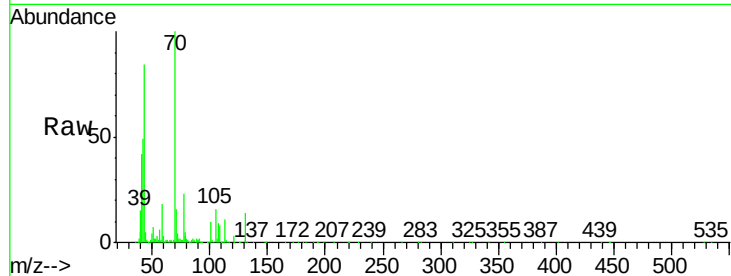
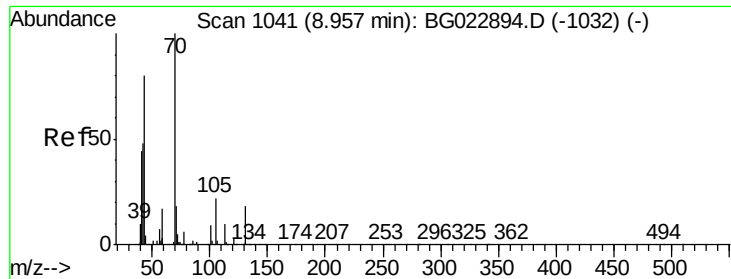


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

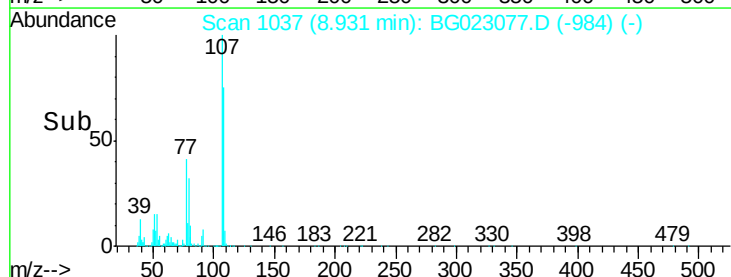
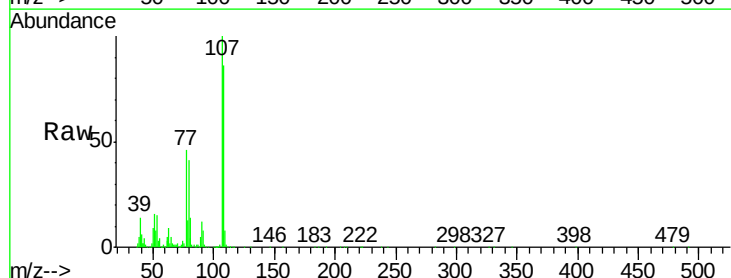
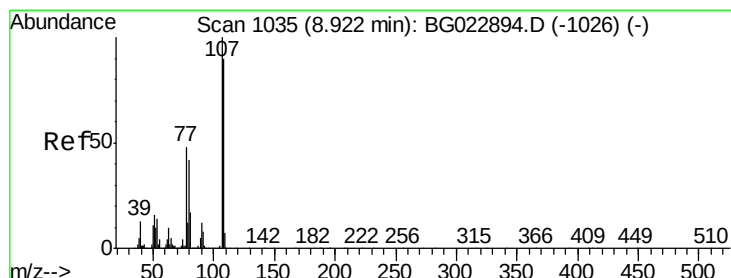
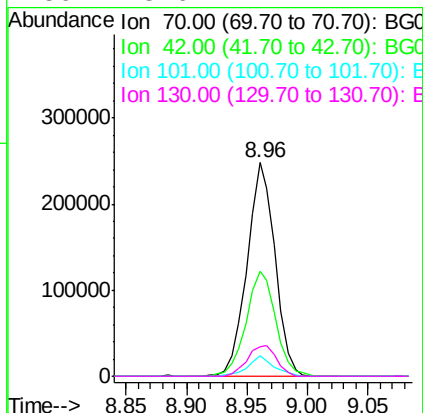




#19
n-Nitroso-di-n-propylamine
Concen: 44.33 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

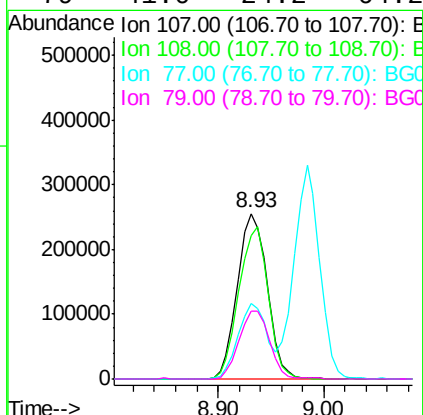
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

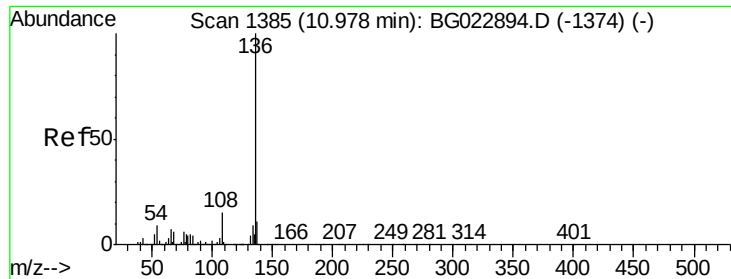
Tot Ion:	70	Resp:	399736
Ion	Ratio	Lower	Upper
70	100		
42	49.2	42.1	63.1
101	9.6	7.2	10.8
130	13.6	14.2	21.2#



#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

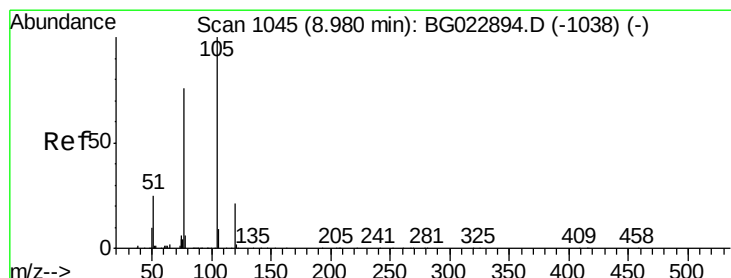
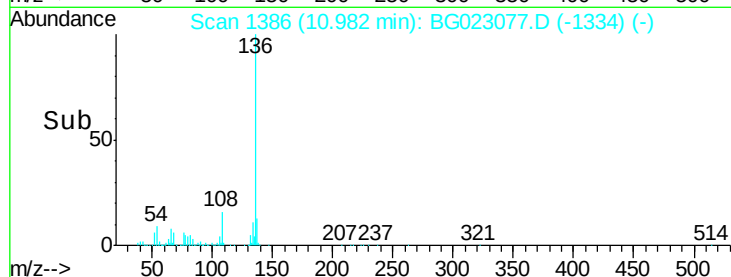
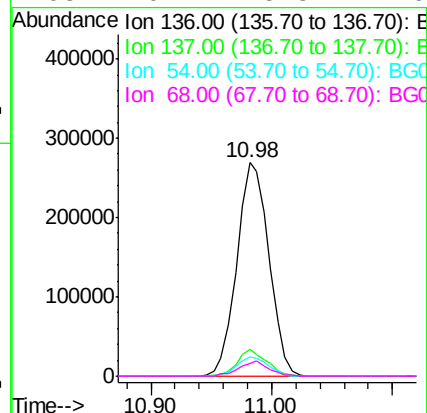
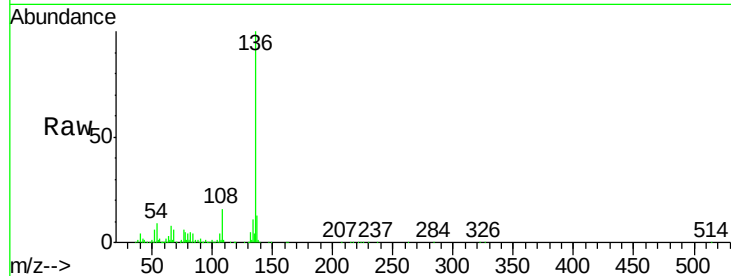




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

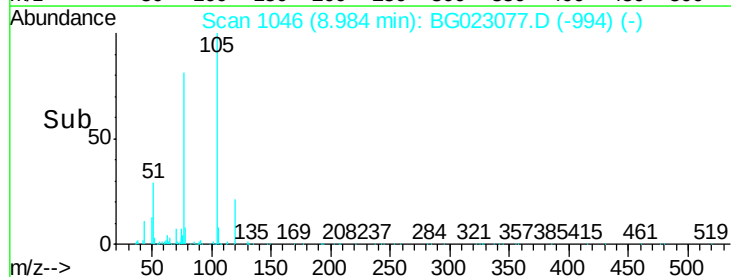
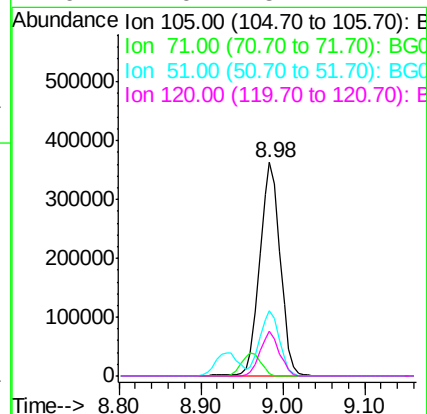
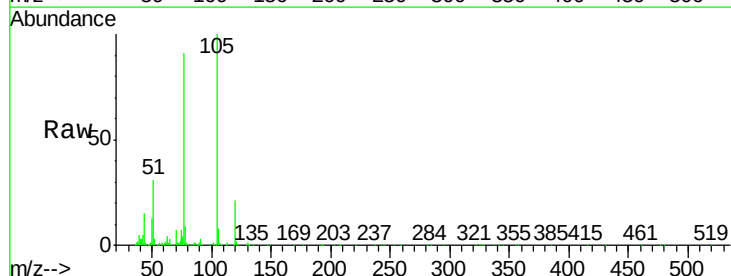
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

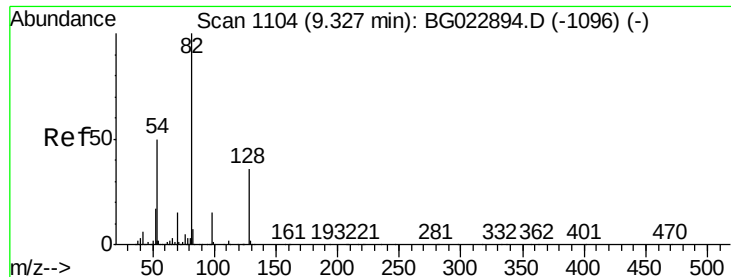
Tot Ion:136	Resp:	497237
Ion Ratio	Lower	Upper
136	100	
137	12.7	9.6 14.4
54	9.0	7.3 10.9
68	6.2	5.3 7.9



#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

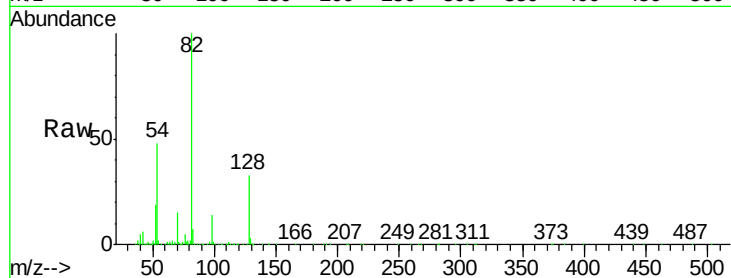




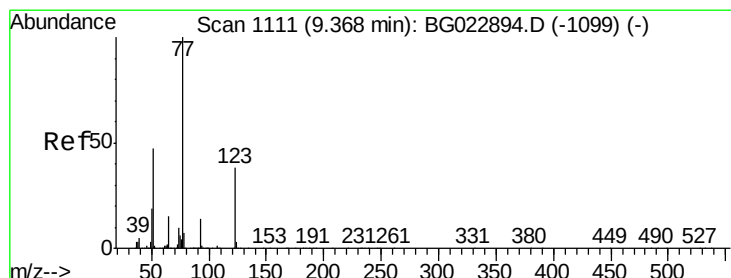
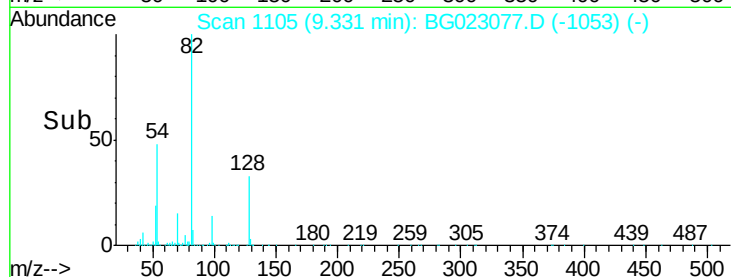
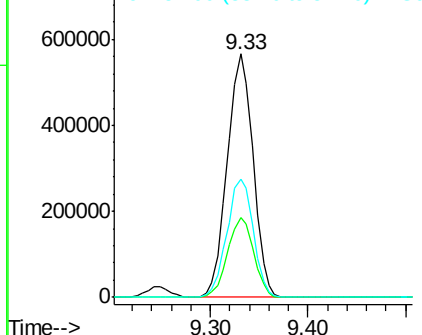
#23
 Nitrobenzene-d5
 Concen: 89.48 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

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

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

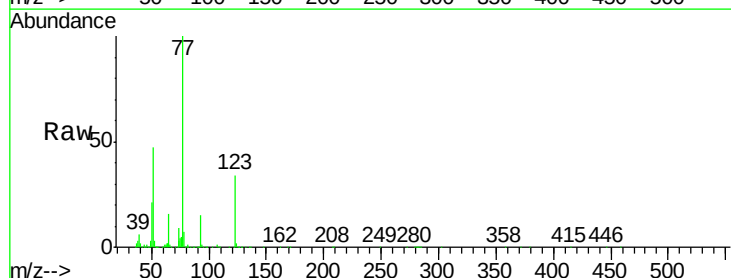


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

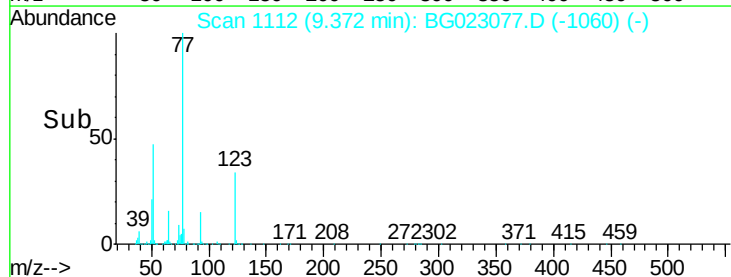
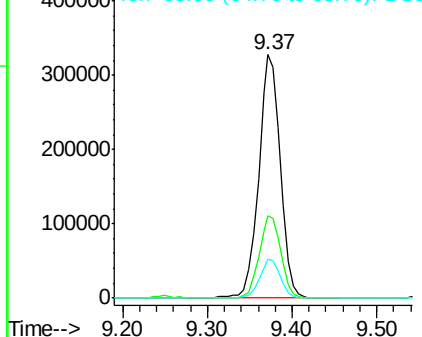


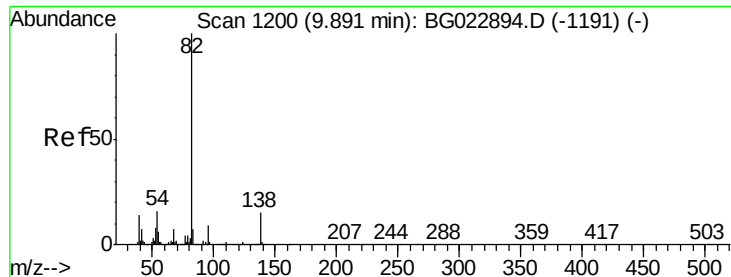
#24
 Nitrobenzene
 Concen: 47.36 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

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

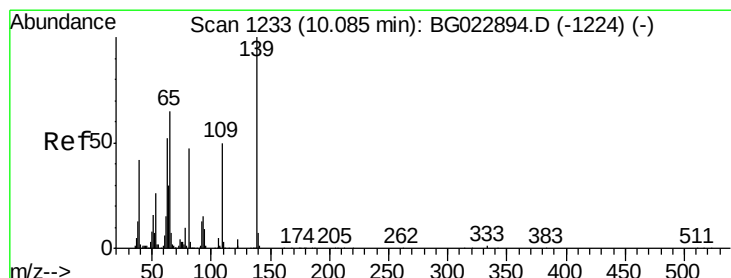
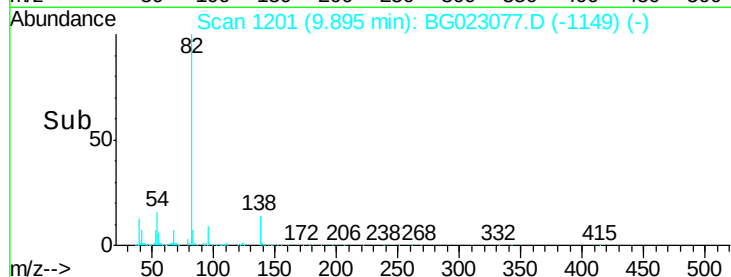
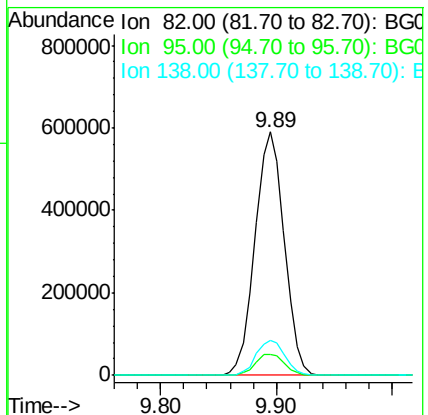
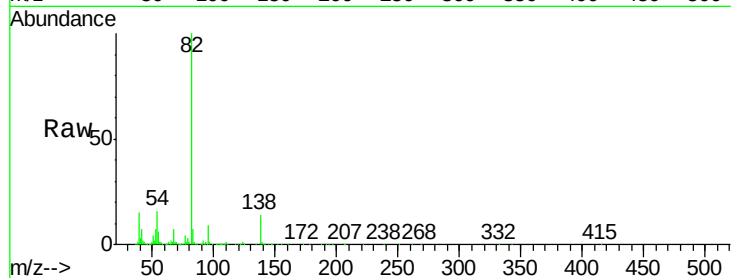
Tot Ion: 82 Resp: 1044634

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

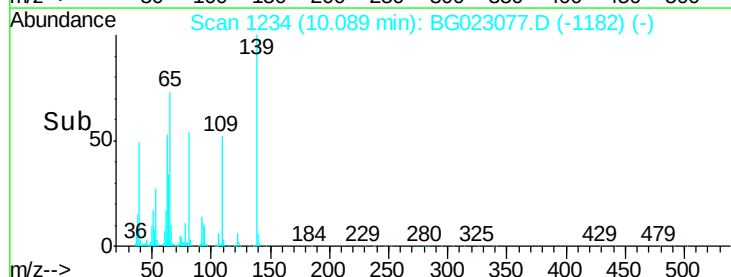
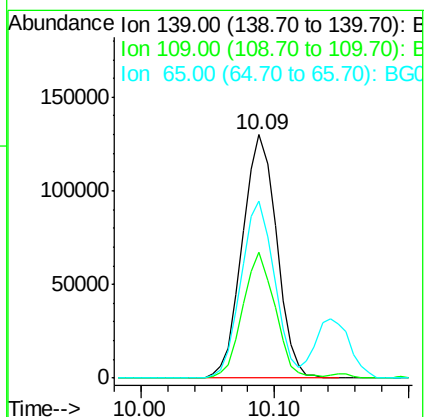
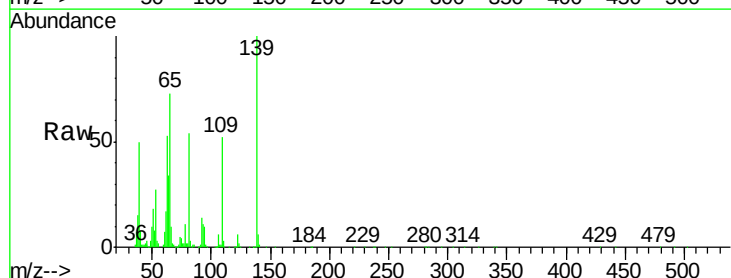
Tgt Ion: 139 Resp: 231509

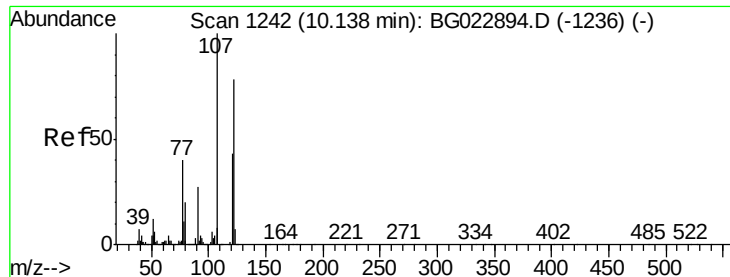
Ion Ratio Lower Upper

139 100

109 51.8 43.5 65.3

65 72.7 64.3 96.5

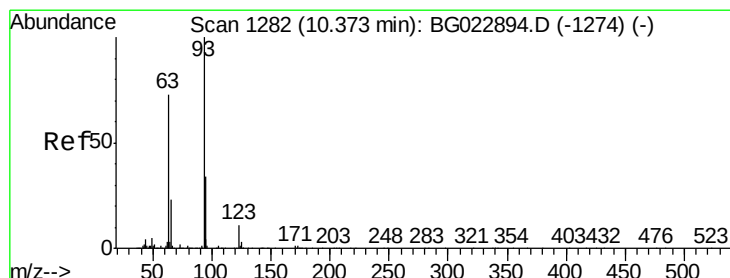
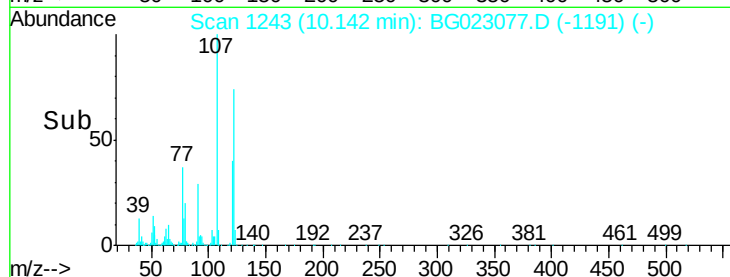
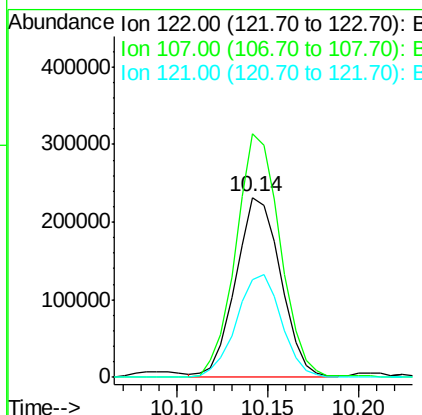
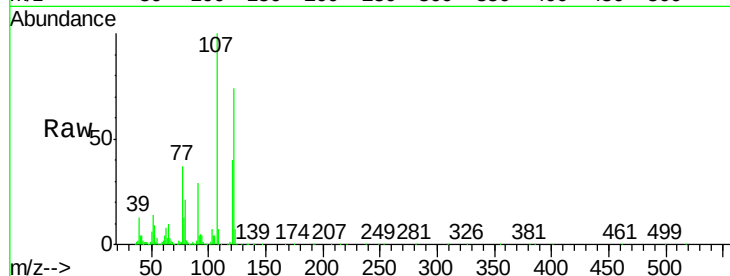




#27
2,4-Dimethylphenol
Concen: 47.84 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

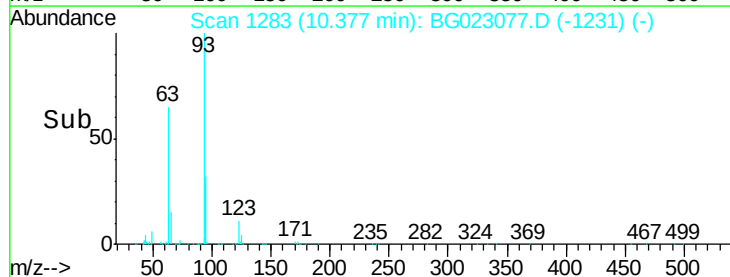
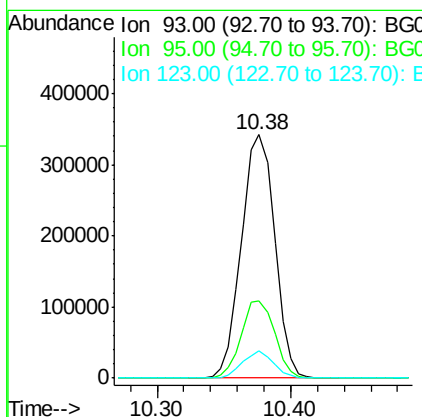
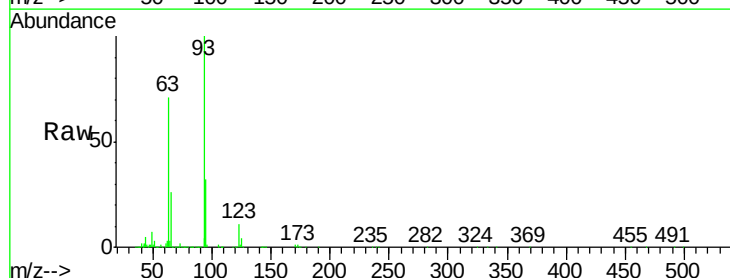
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

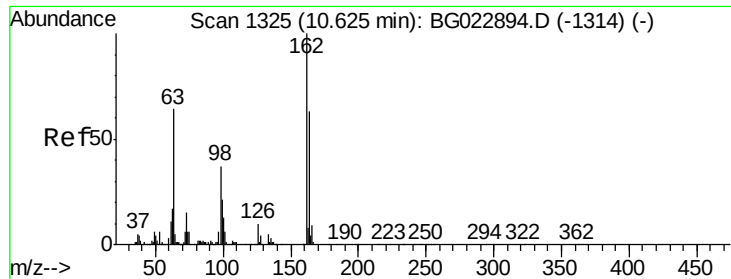
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.1	117.0	175.4
121	54.3	50.1	75.1



#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

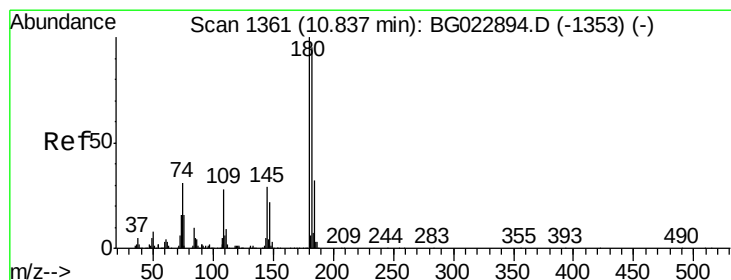
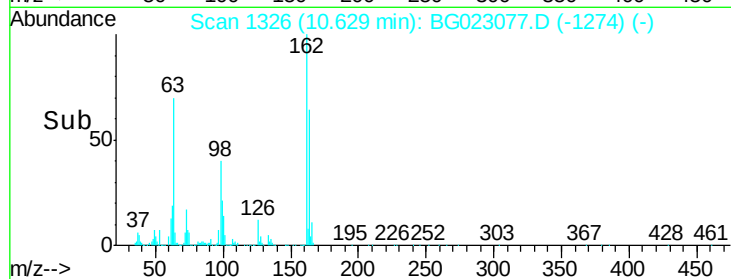
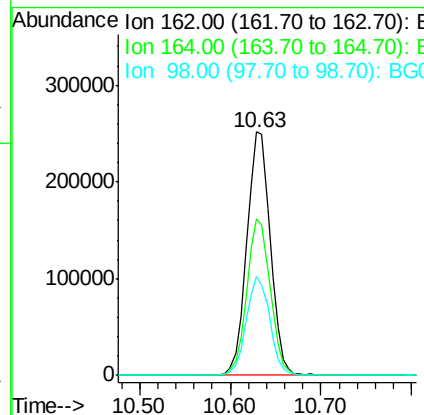
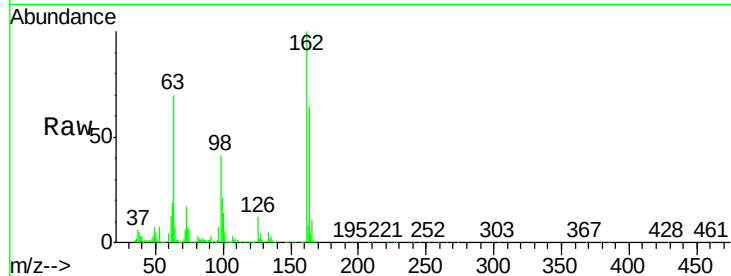




#29
 2,4-Dichlorophenol
 Concen: 50.70 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

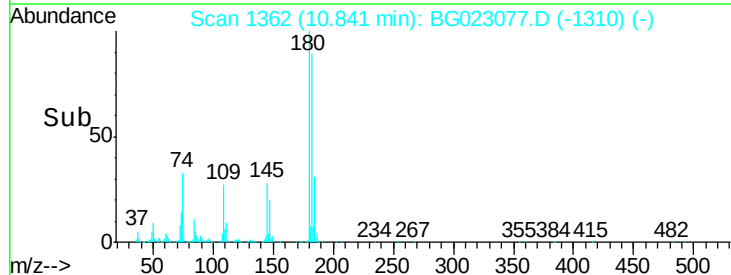
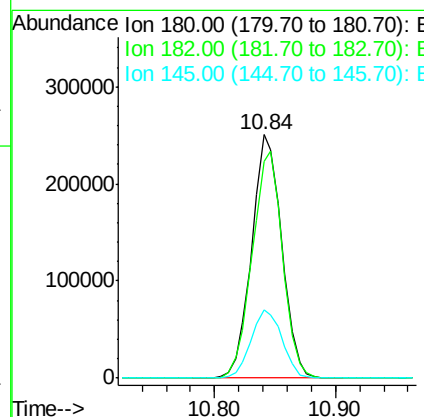
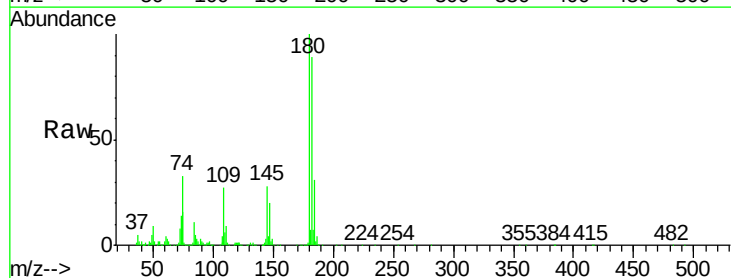
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

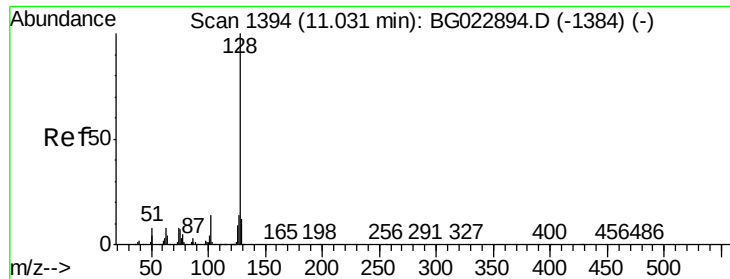
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	40.6	19.5	59.5



#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

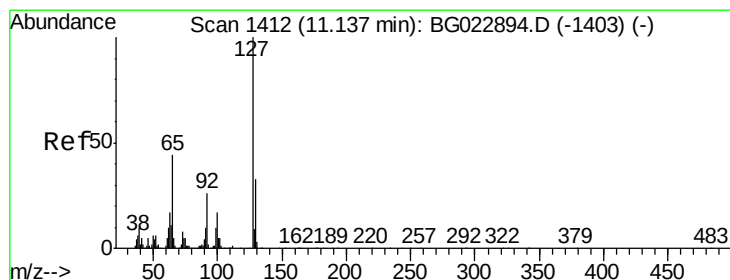
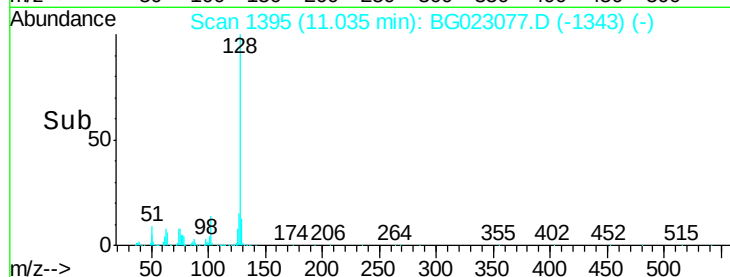
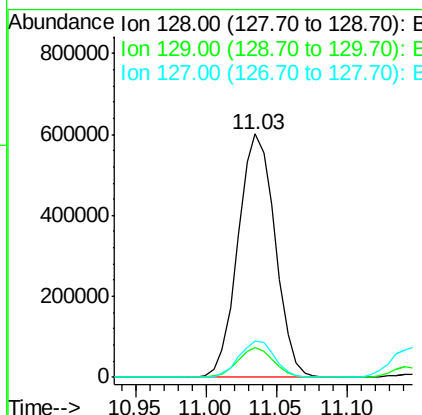
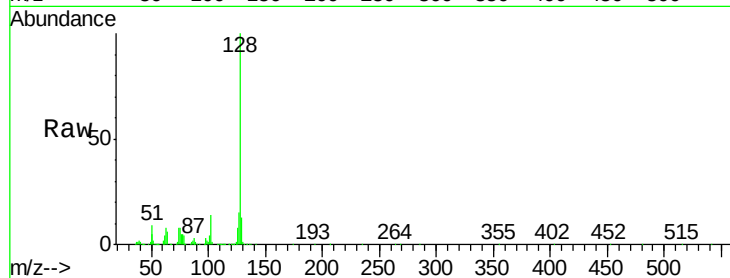




#31
Naphthalene
Concen: 43.62 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

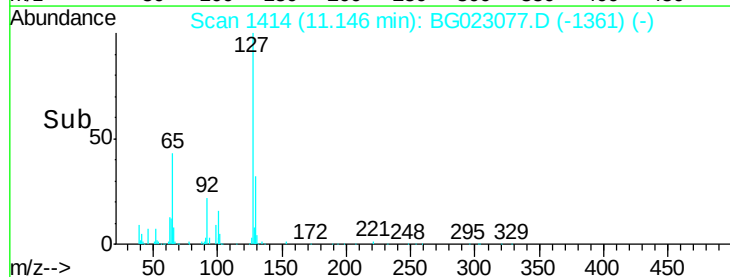
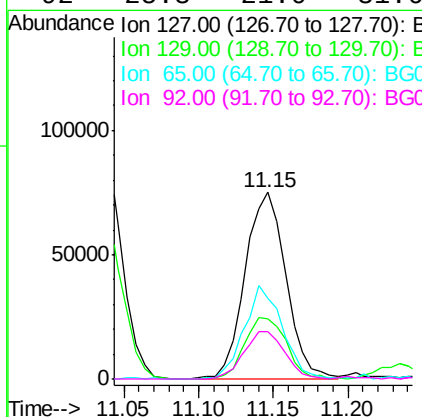
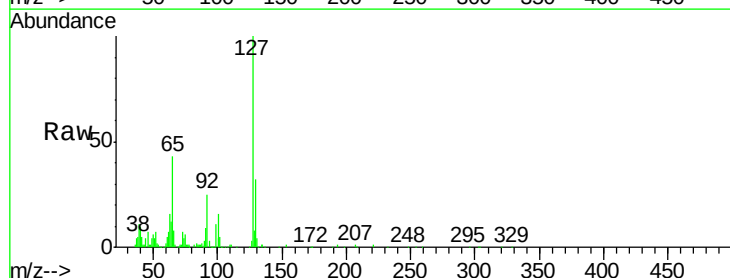
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

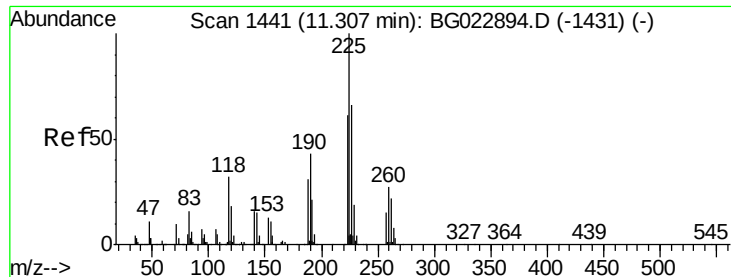
Tot Ion:128 Resp: 1104090
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 14.8 11.3 16.9



#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

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

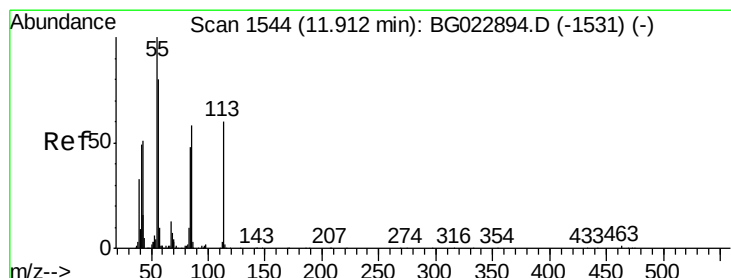
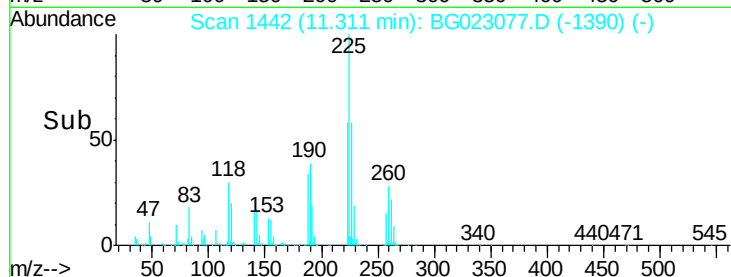
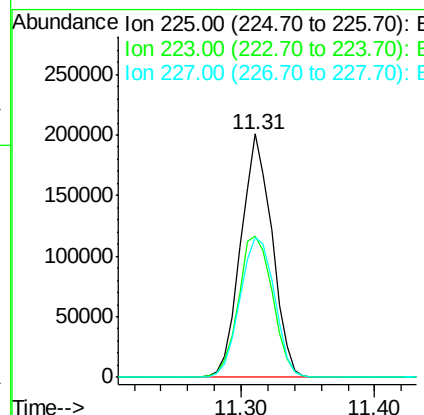
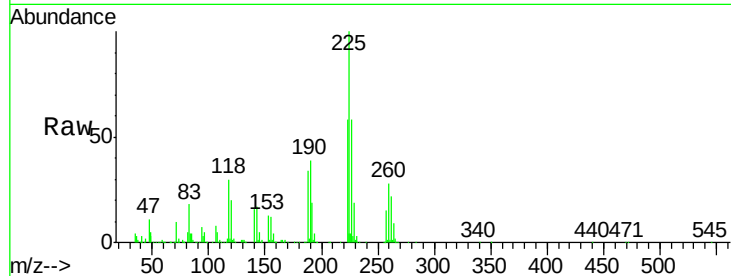




#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

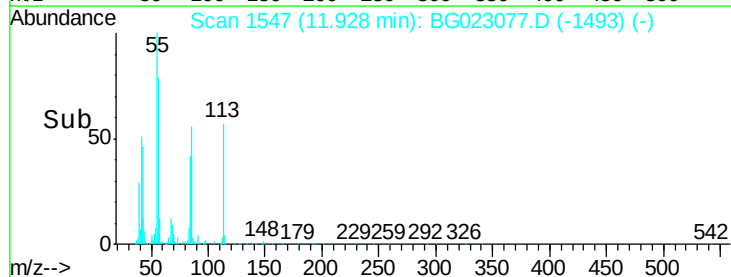
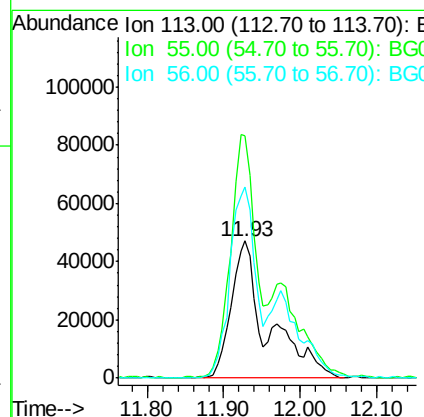
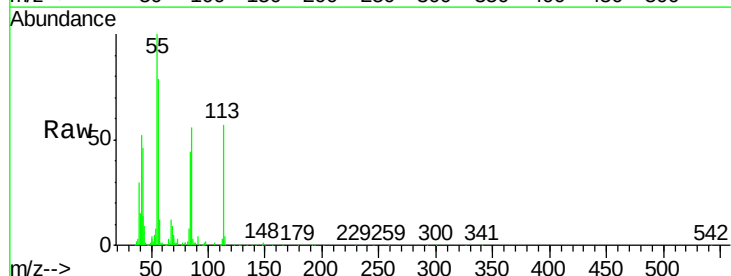
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

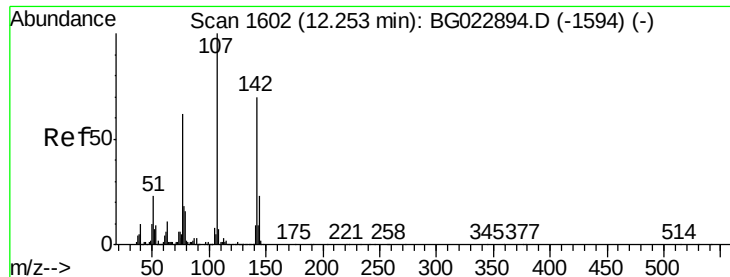
Tot Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.6	74.4
227	57.6	54.5	81.7



#35
Caprolactam
Concen: 41.90 ng m
RT: 11.93 min Scan# 1547
Delta R.T. 0.02 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

Tgt Ion	Ratio	Lower	Upper
113	100		
55	177.0	154.5	194.5
56	139.0	125.1	165.1

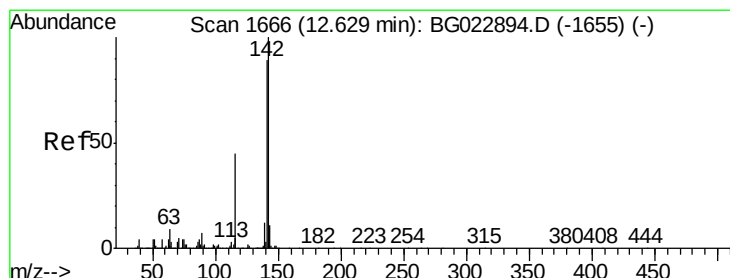
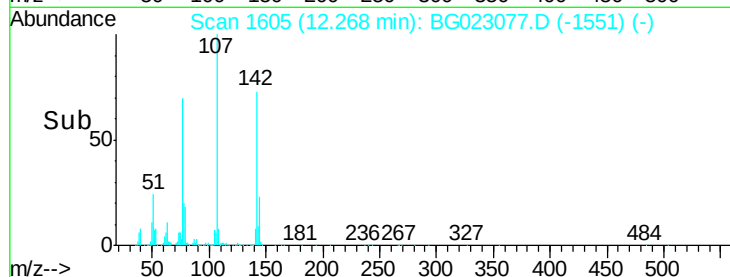
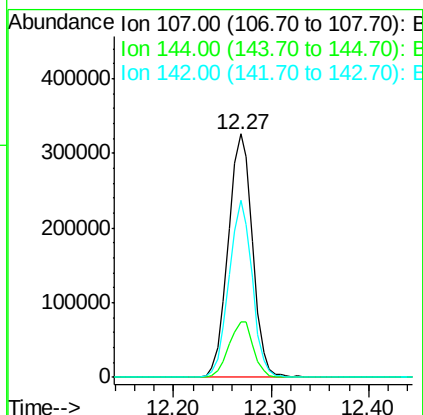
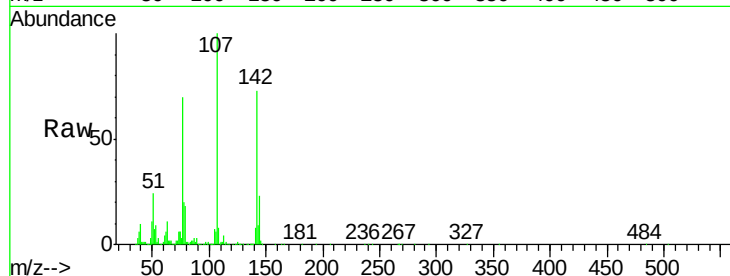




#36
4-Chloro-3-methylphenol
Concen: 46.07 ng
RT: 12.27 min Scan# 1605
Delta R.T. 0.02 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

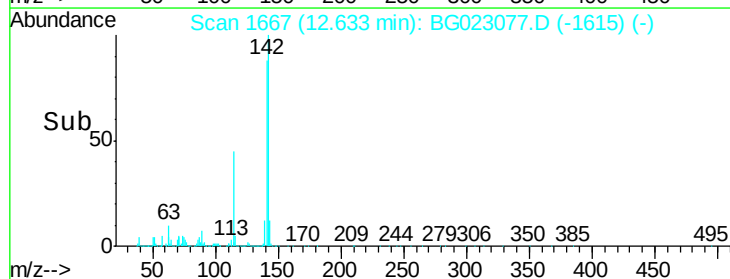
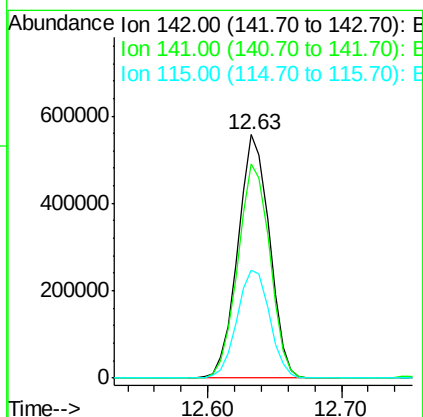
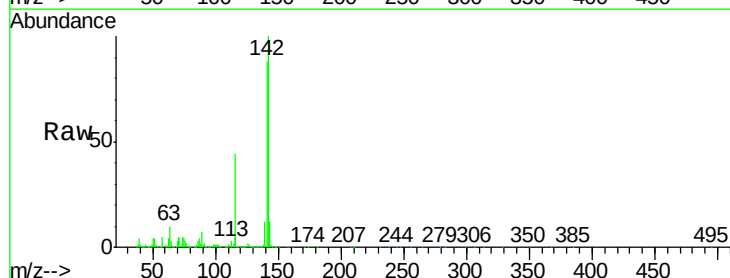
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

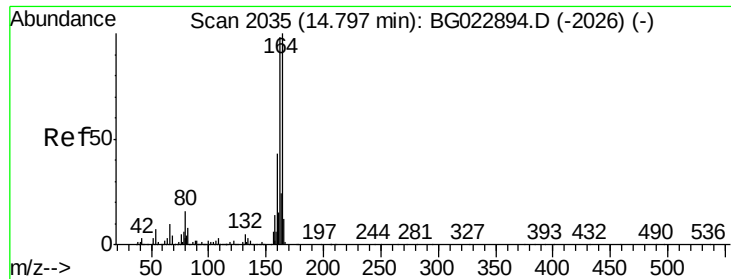
Tot Ion:107 Resp: 562441
Ion Ratio Lower Upper
107 100
144 22.5 17.0 25.6
142 73.0 53.0 79.6



#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

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





#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

Instrument :

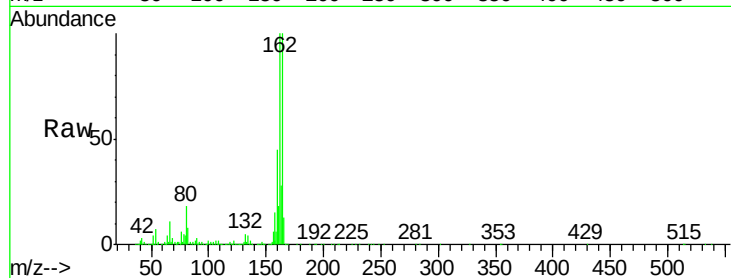
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:164 Resp: 395031

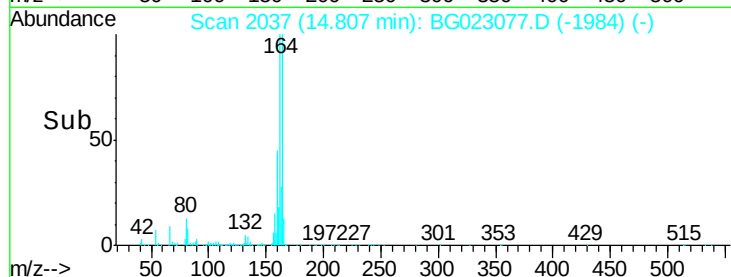
Ion	Ratio	Lower	Upper
164	100		
162	99.7	87.7	131.5
160	45.1	37.2	55.8



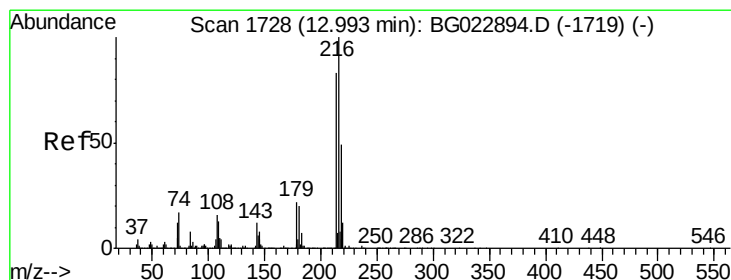
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.73 ng

RT: 13.00 min Scan# 1729

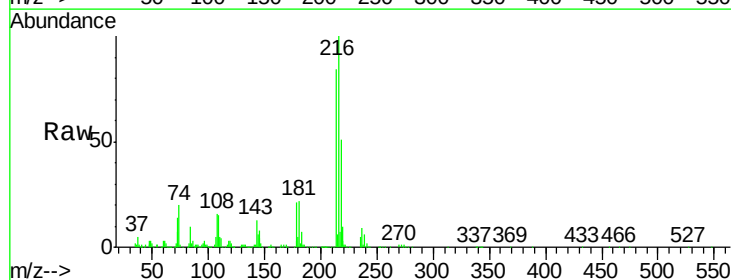
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

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

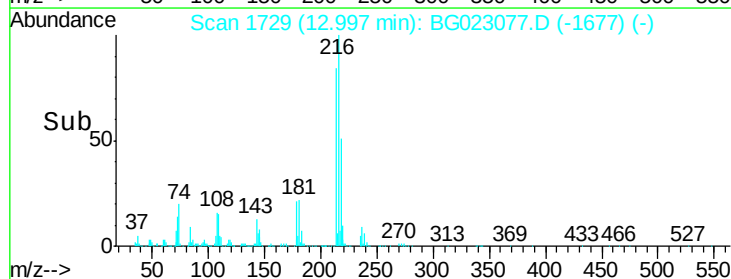


Abundance Ion 216.00 (215.70 to 216.70): E

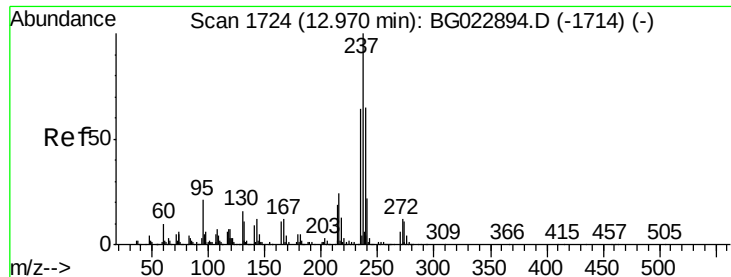
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#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

Instrument :

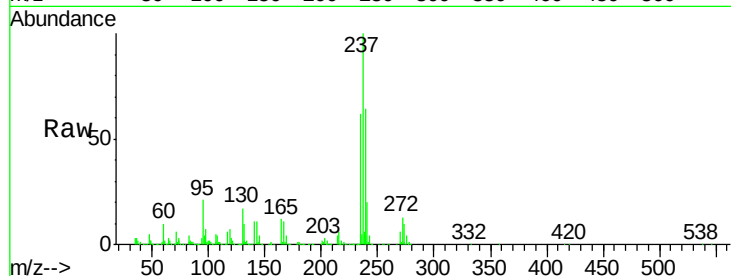
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:237 Resp: 729555

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.1	83.1
272	12.7	0.0	30.9

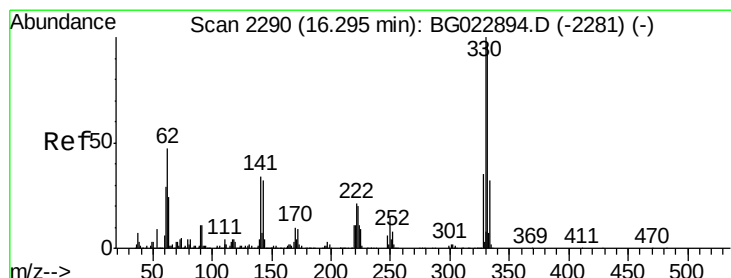
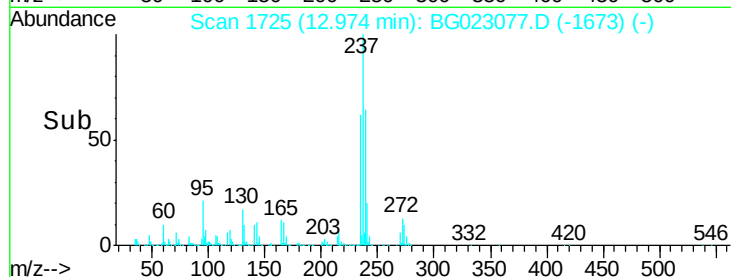
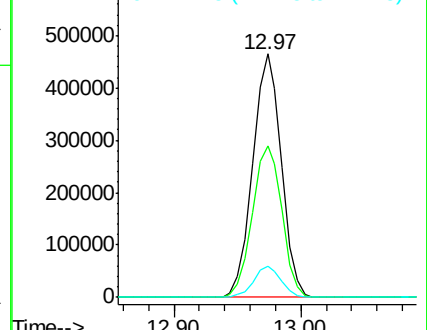


Abundance

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

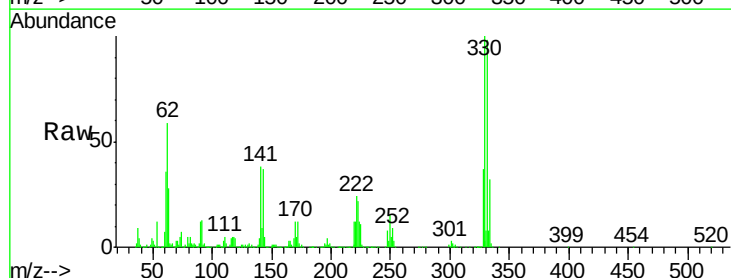
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

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

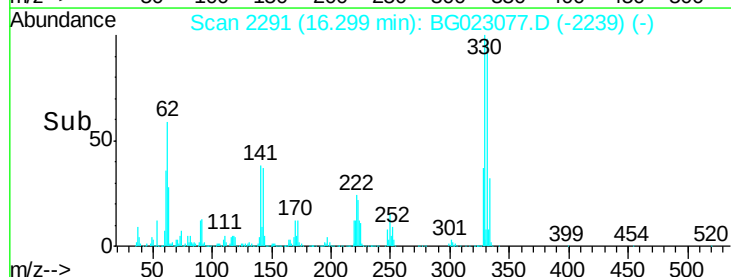
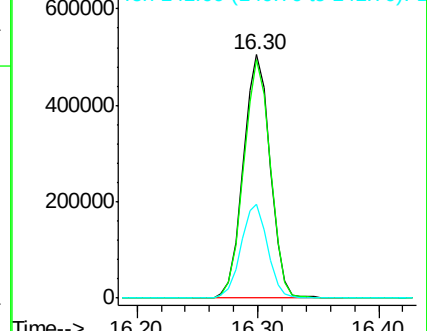


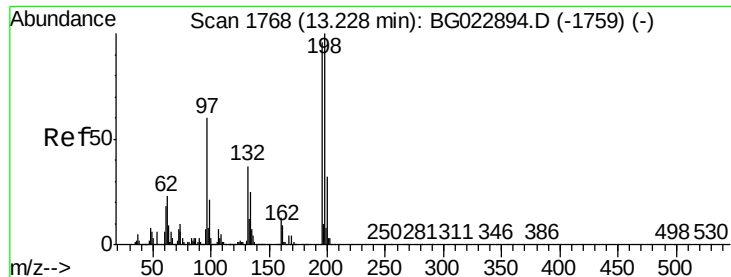
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

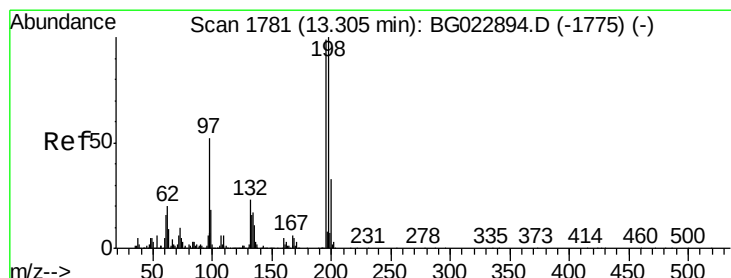
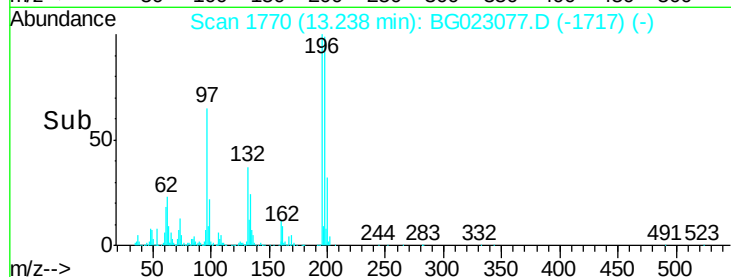
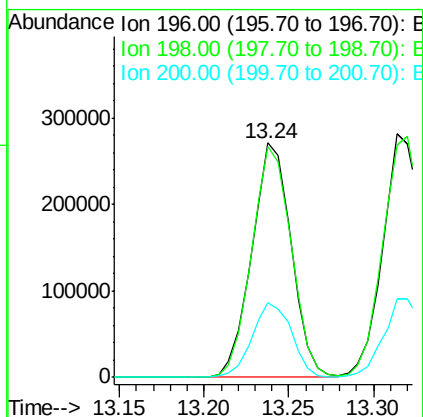
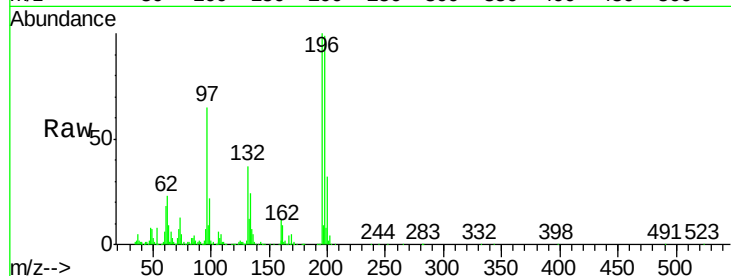




#42
2,4,6-Trichlorophenol
Concen: 45.04 ng
RT: 13.24 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

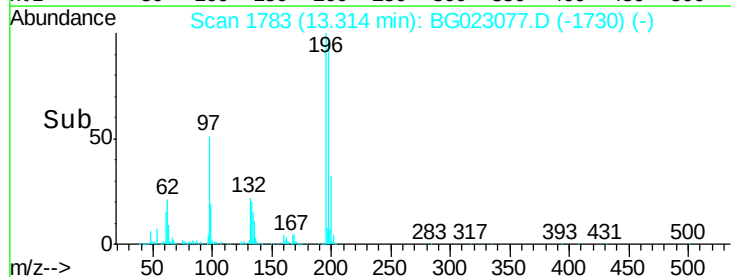
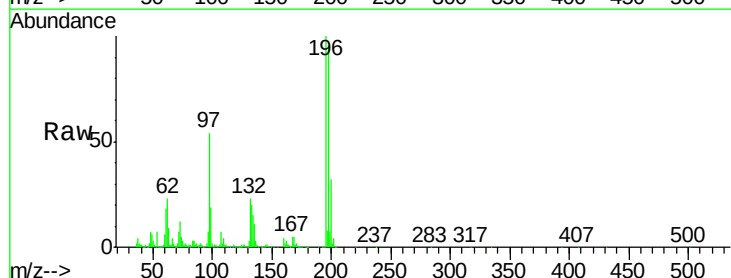
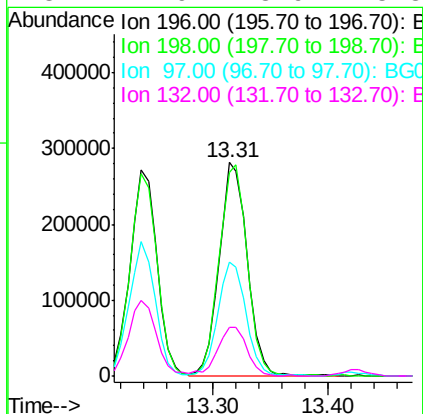
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

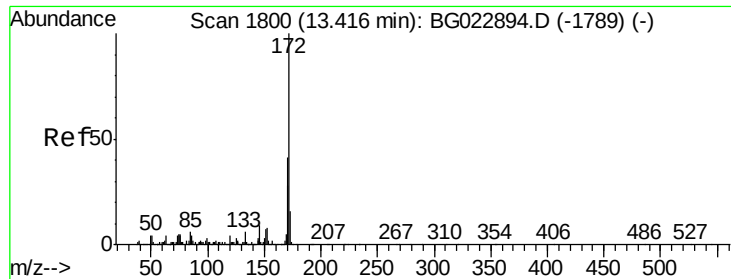
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.2	117.2
200	32.0	27.0	40.4



#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

Tgt 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



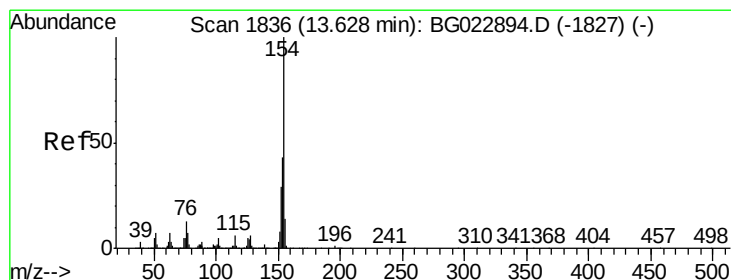
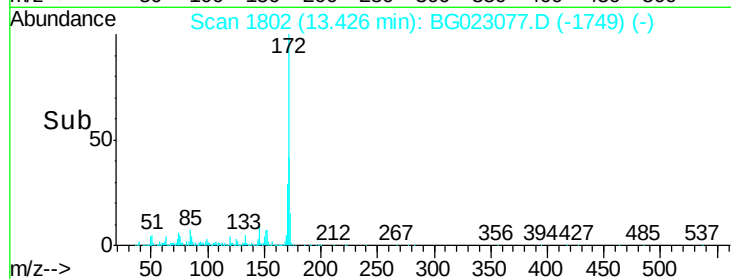
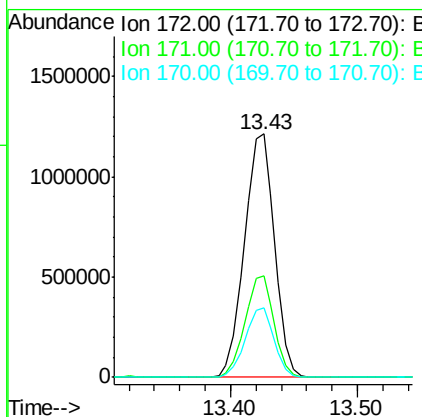
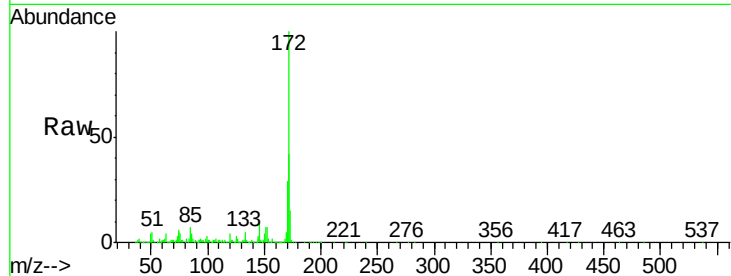


#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

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

Tot Ion:172 Resp: 1995508

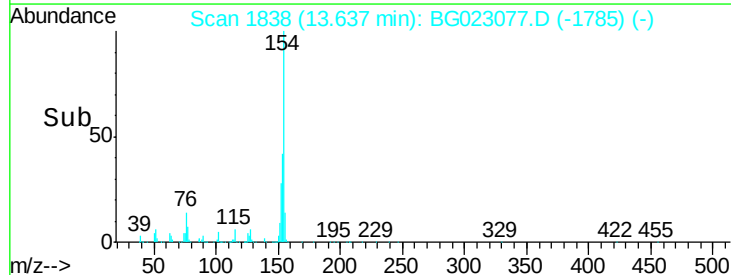
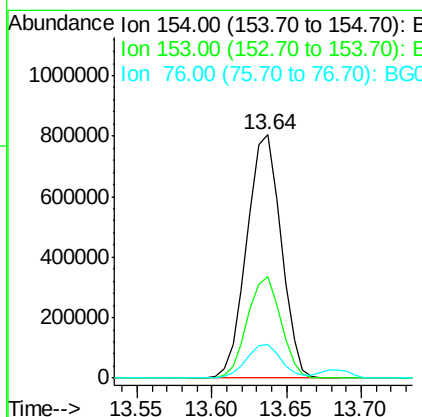
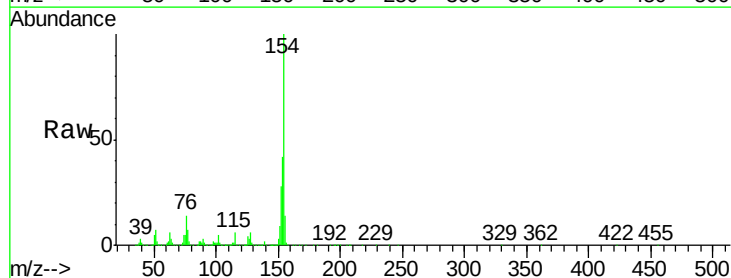
Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.5	21.3	31.9

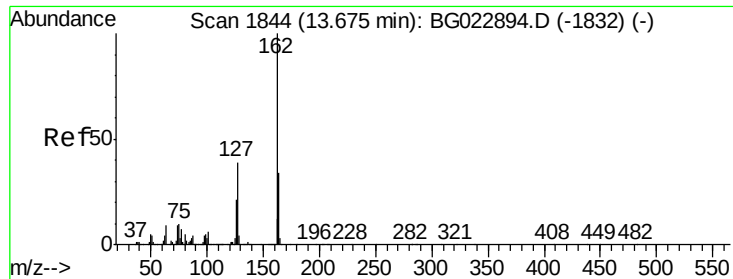


#45
 1,1'-Biphenyl
 Concen: 43.14 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

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

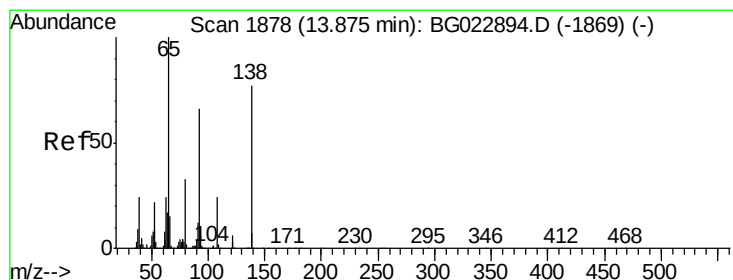
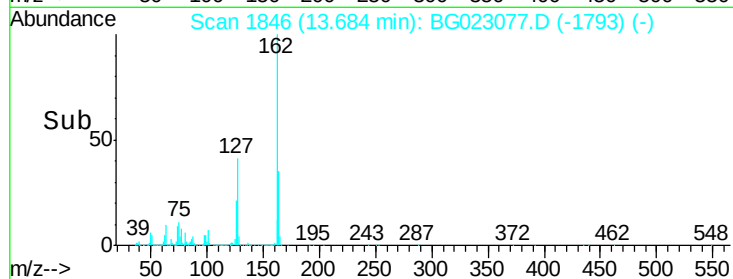
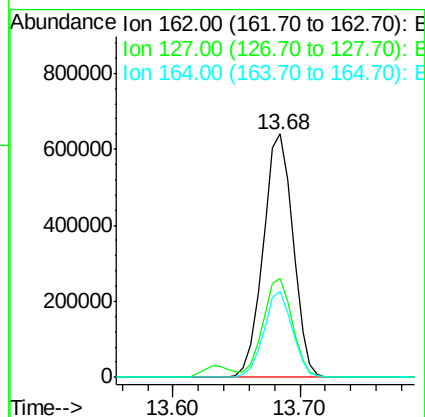
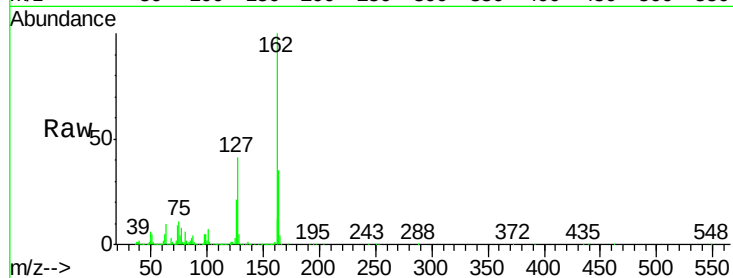




#46
 2-Chloronaphthalene
 Concen: 43.76 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

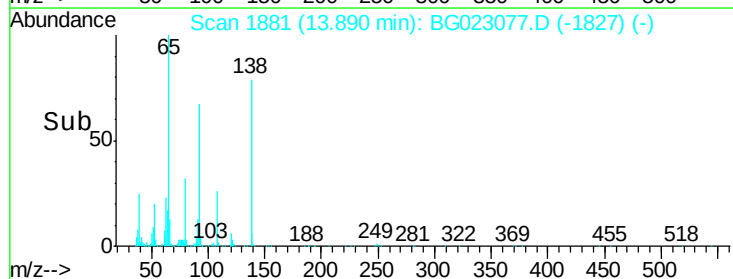
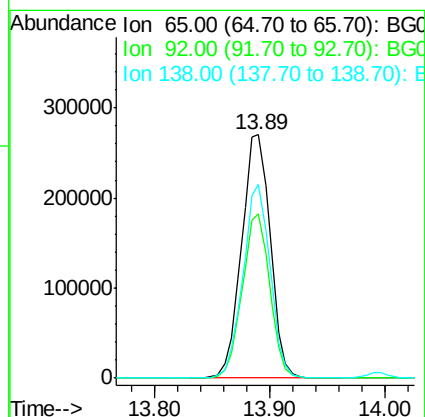
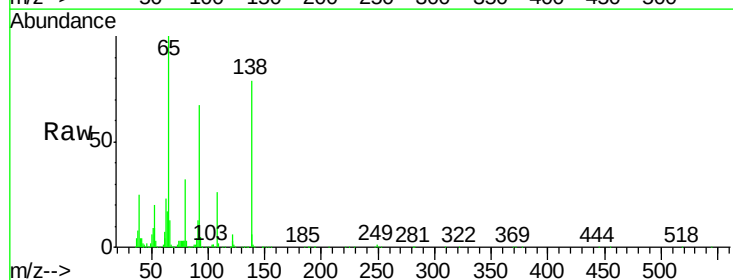
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

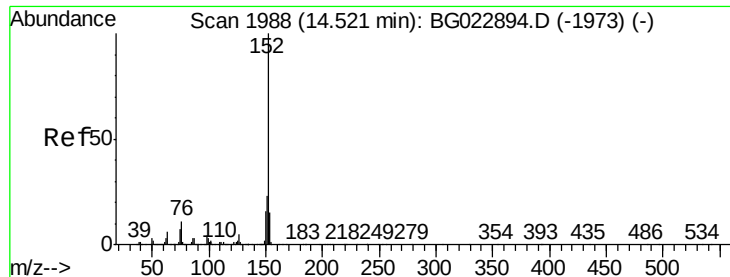
Tot Ion:162 Resp: 1052223
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.4 48.6
 164 35.3 25.2 37.8



#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

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





#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

Instrument :

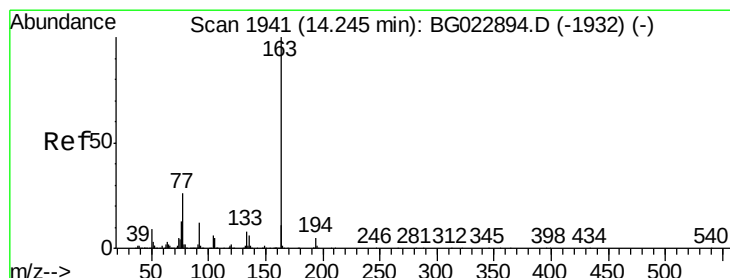
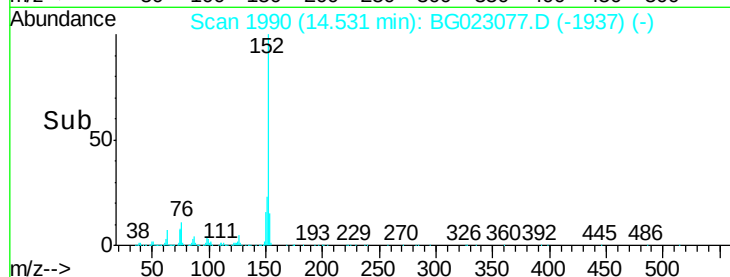
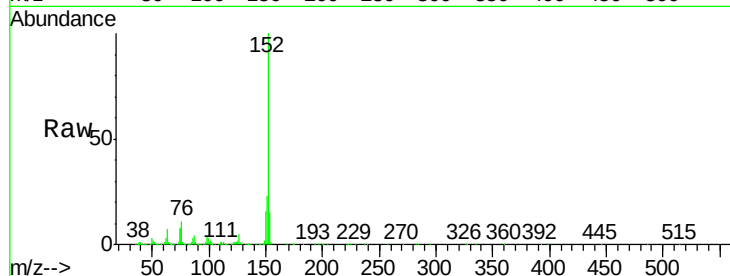
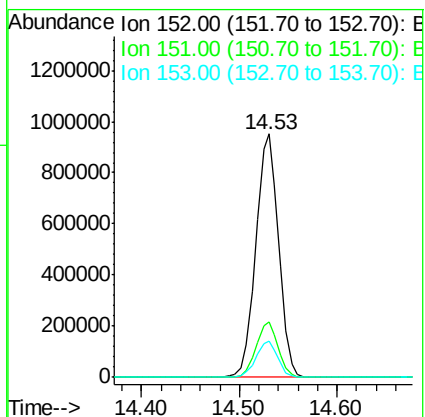
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:152 Resp: 1562293

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.6	26.4
153	14.7	11.4	17.2



#49

Dimethylphthalate

Concen: 60.03 ng

RT: 14.25 min Scan# 1943

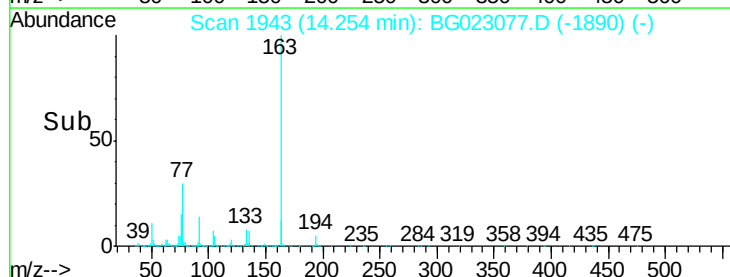
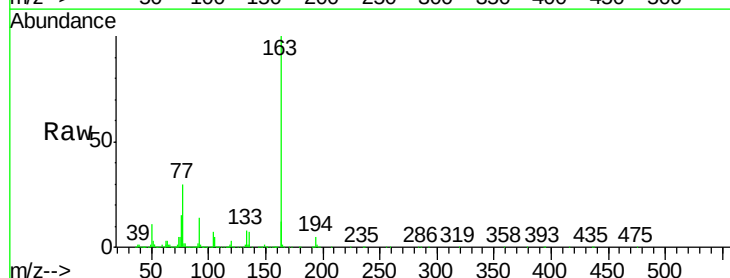
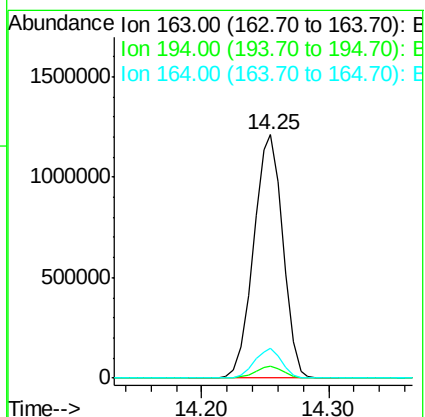
Delta R.T. 0.01 min

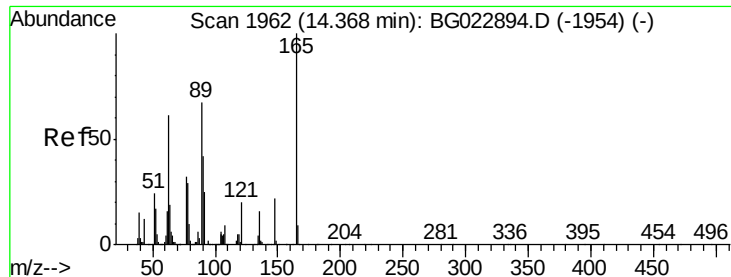
Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

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#

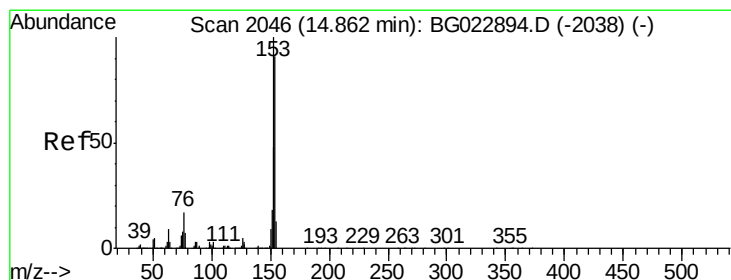
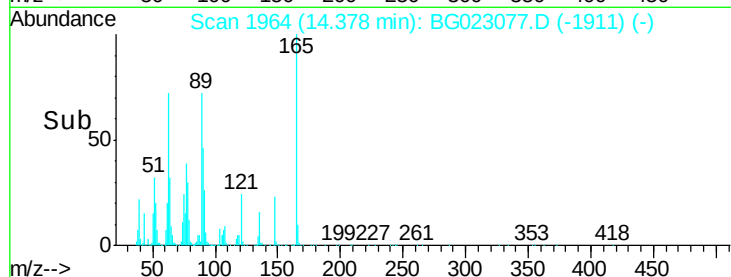
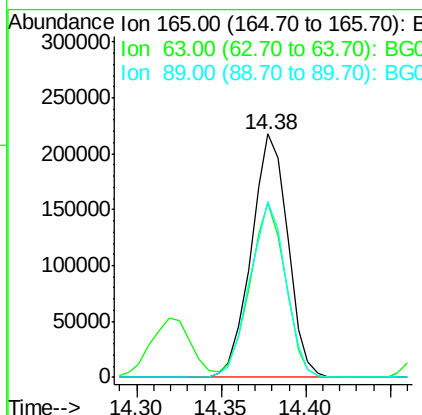
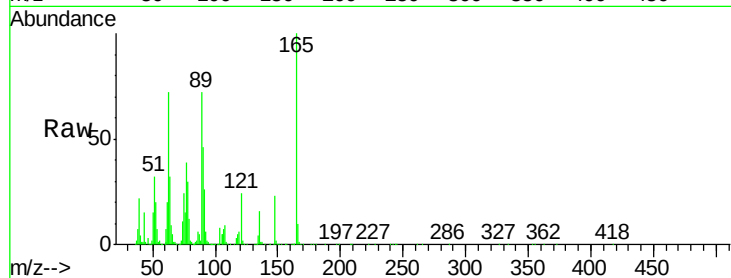




#50
2,6-Dinitrotoluene
Concen: 45.08 ng
RT: 14.38 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

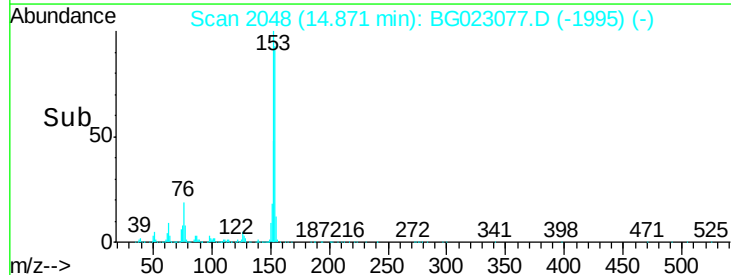
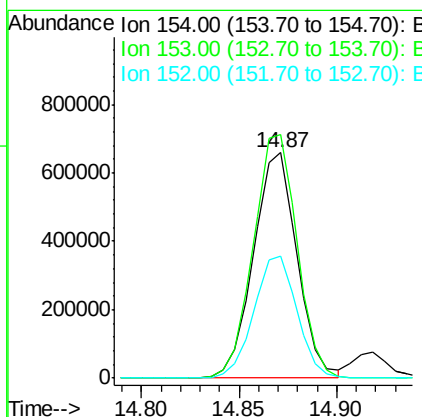
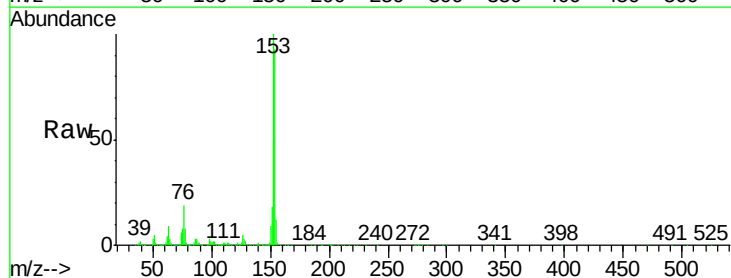
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

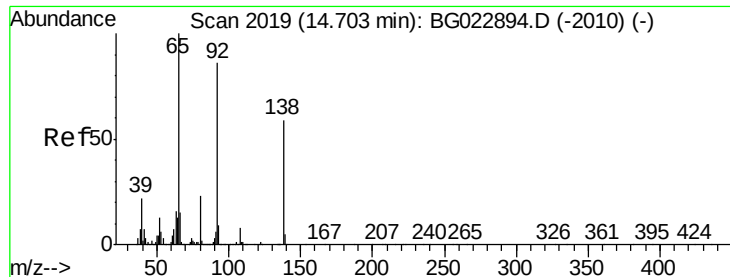
Tot Ion:165 Resp: 326932
Ion Ratio Lower Upper
165 100
63 71.7 64.3 96.5
89 72.3 64.3 96.5



#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

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

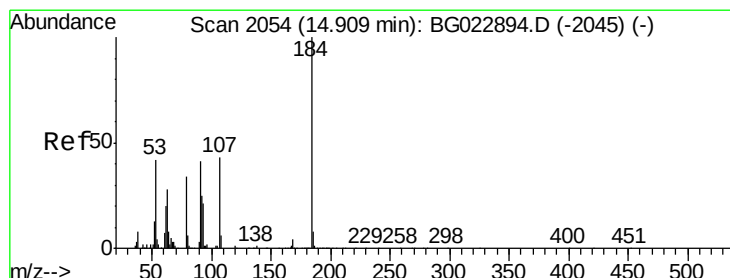
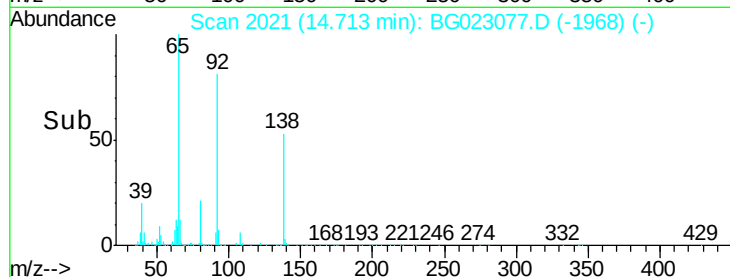
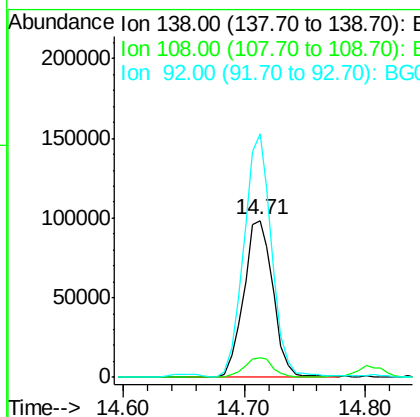
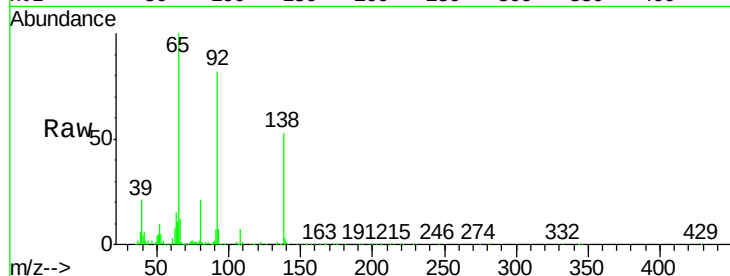




#52
 3-Nitroaniline
 Concen: 22.95 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

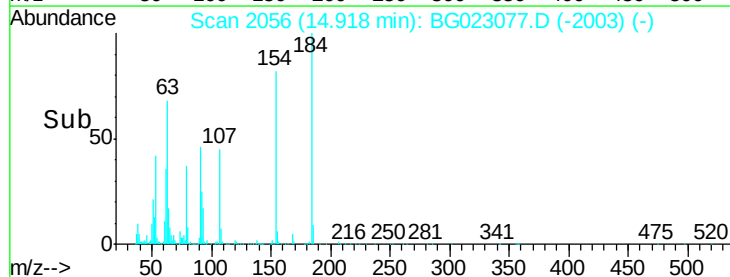
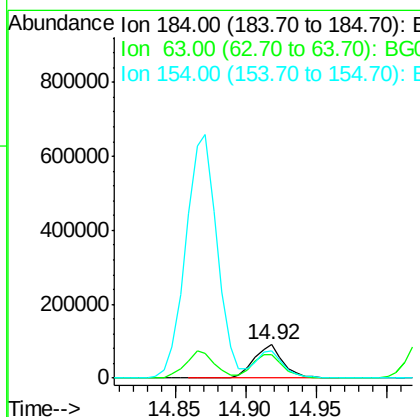
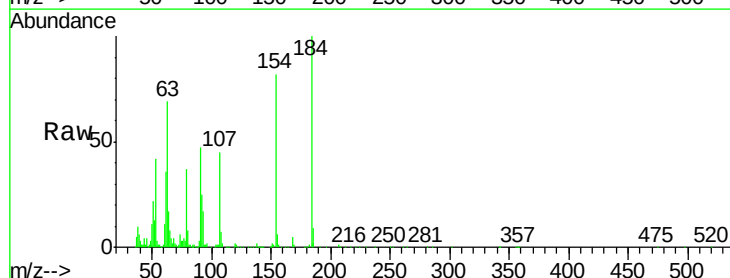
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

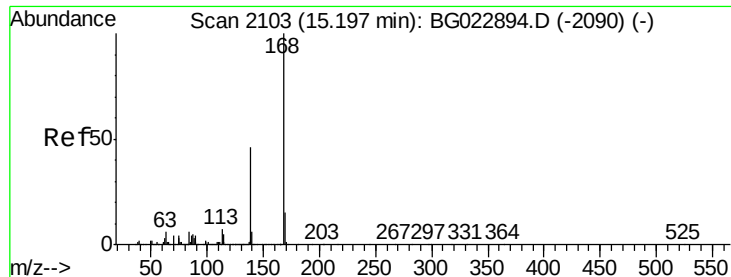
Tot Ion:138 Resp: 165972
 Ion Ratio Lower Upper
 138 100
 108 12.8 11.7 17.5
 92 155.5 129.7 194.5



#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

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





#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

Instrument :

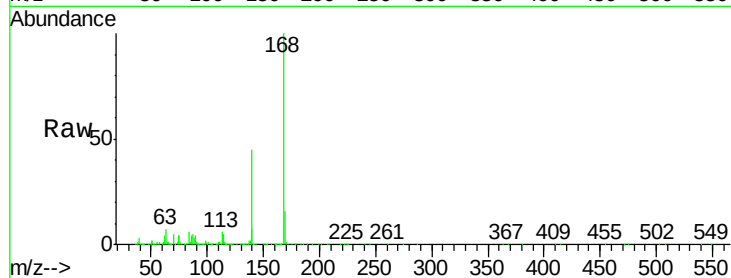
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:168 Resp: 1632689

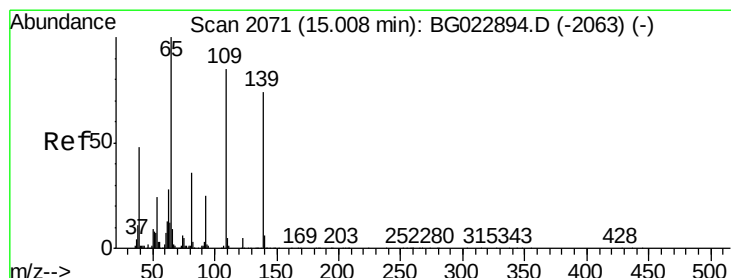
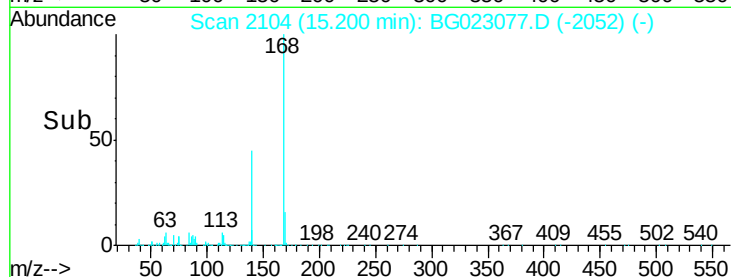
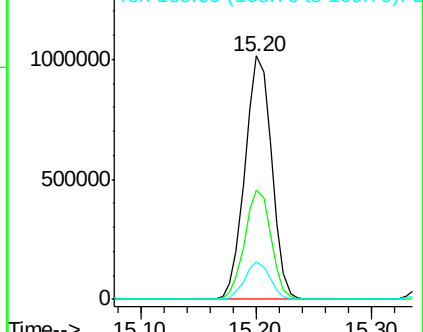
Ion	Ratio	Lower	Upper
168	100		
139	44.7	36.4	54.6
169	15.6	11.9	17.9



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

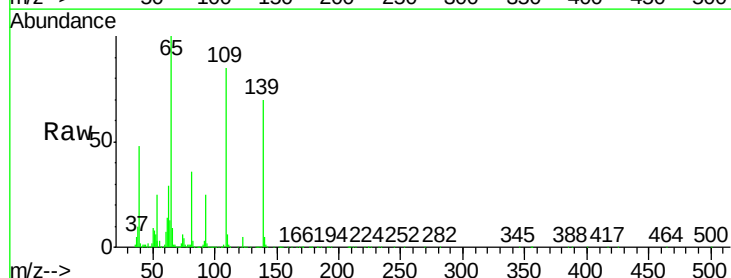
Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:139 Resp: 486734

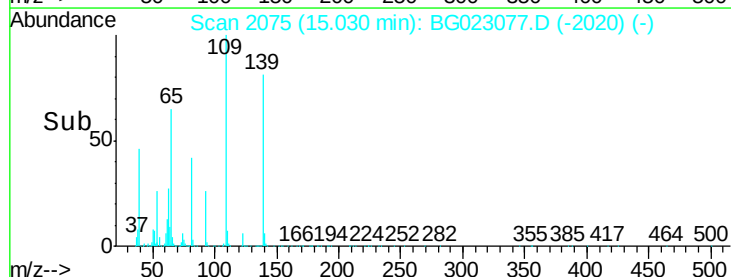
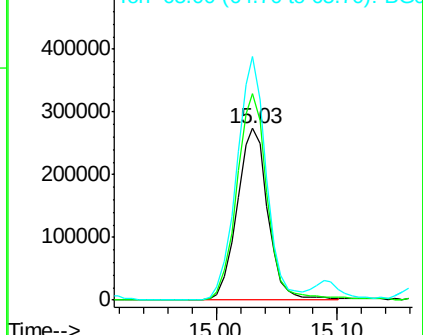
Ion	Ratio	Lower	Upper
139	100		
109	120.4	103.0	143.0
65	141.9	112.7	152.7

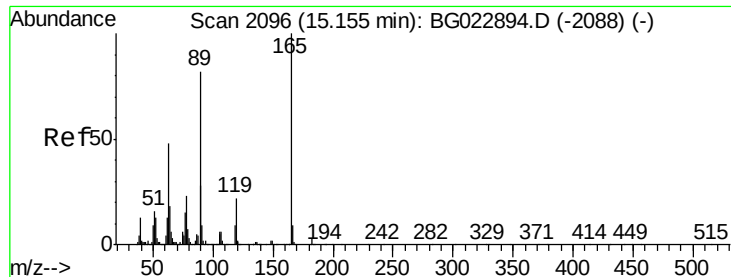


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

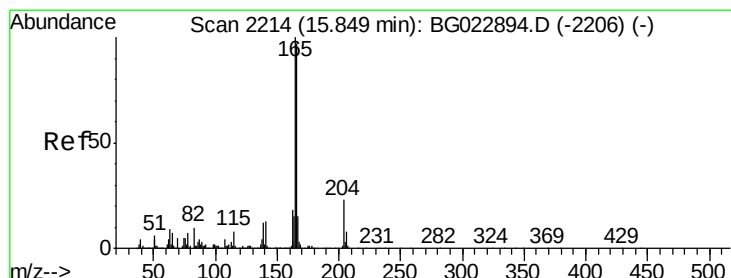
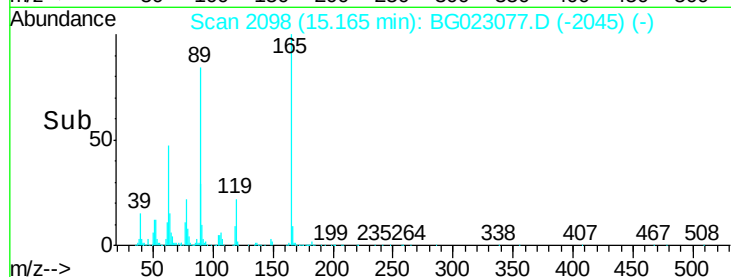
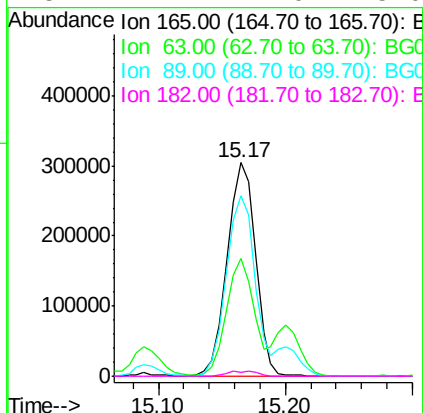
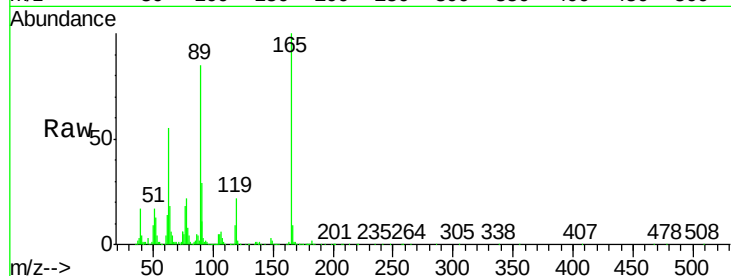




#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

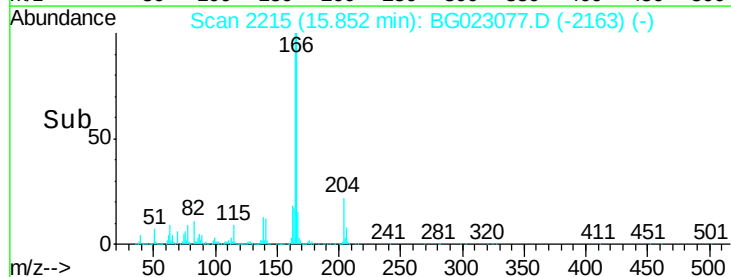
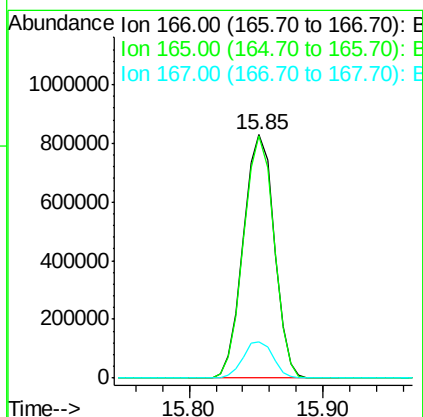
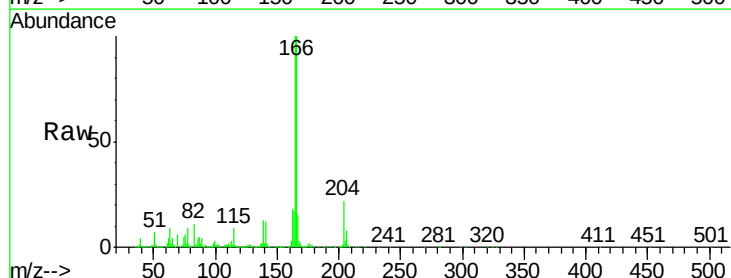
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

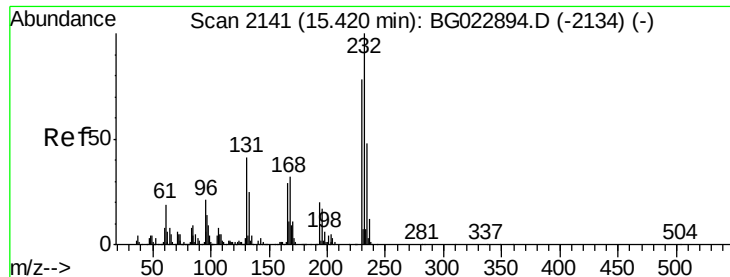
Tot Ion:165 Resp: 471451
Ion Ratio Lower Upper
165 100
63 55.0 45.8 68.6
89 84.7 68.6 102.8
182 1.7 2.0 3.0#



#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

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

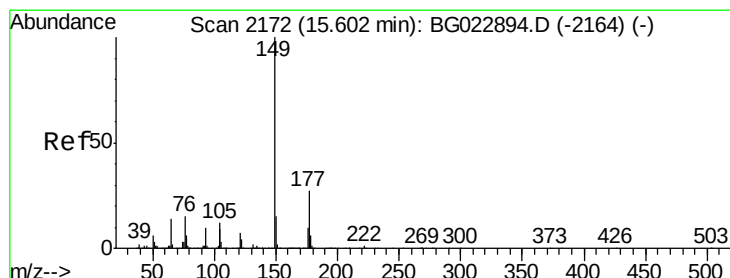
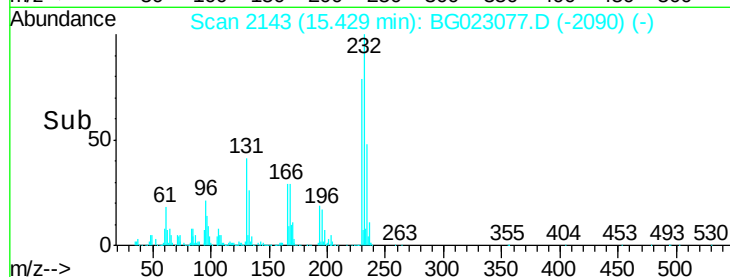
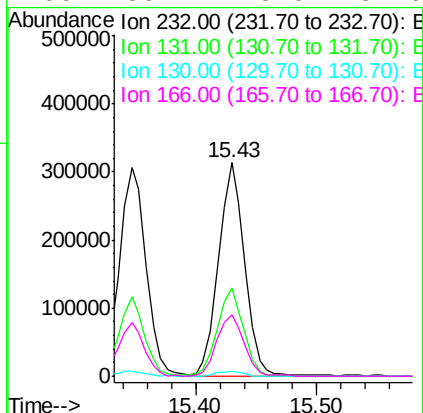
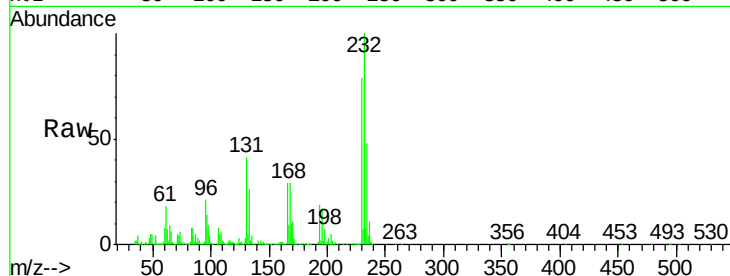




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.15 ng
RT: 15.43 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

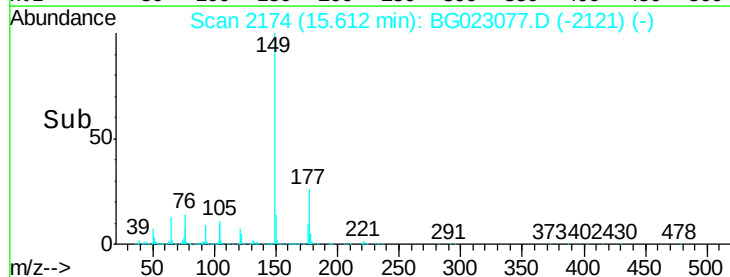
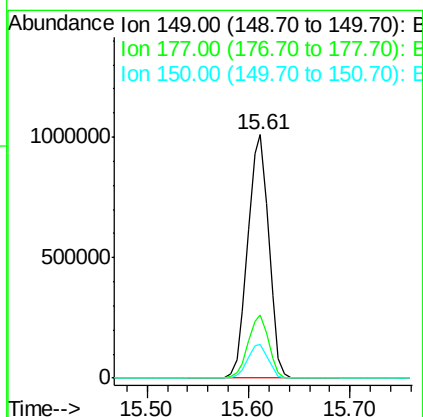
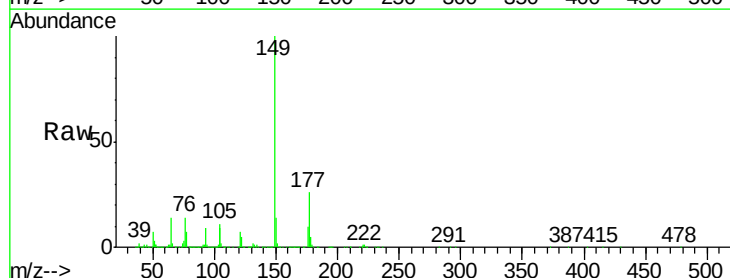
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

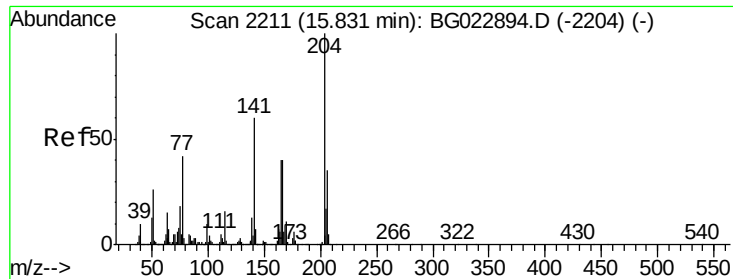
Tot Ion:232 Resp: 463989
Ion Ratio Lower Upper
232 100
131 41.2 32.7 49.1
130 2.6 2.6 3.8
166 30.1 23.0 34.6



#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

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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

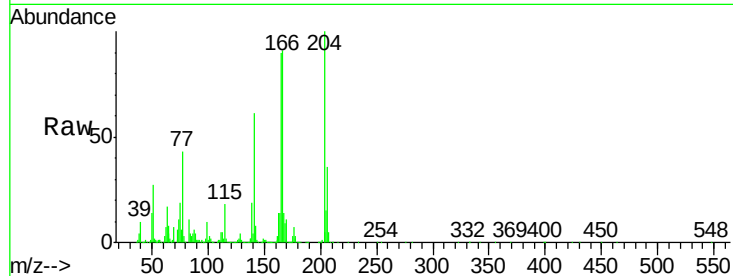
Tot Ion:204 Resp: 777384

Ion Ratio Lower Upper

204 100

206 36.2 28.5 42.7

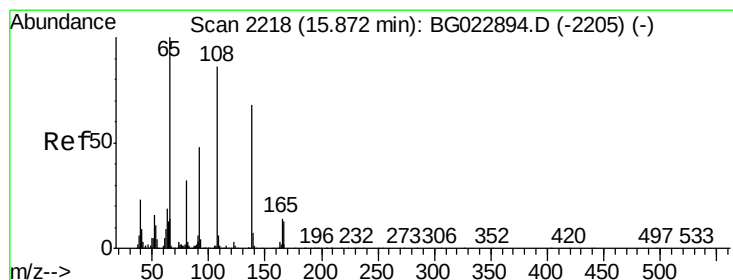
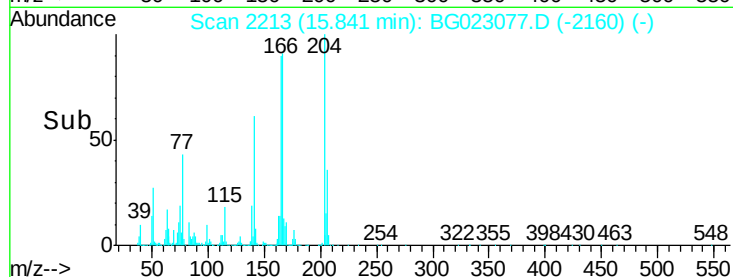
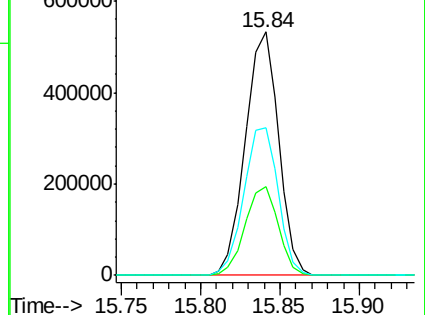
141 60.5 51.4 77.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 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

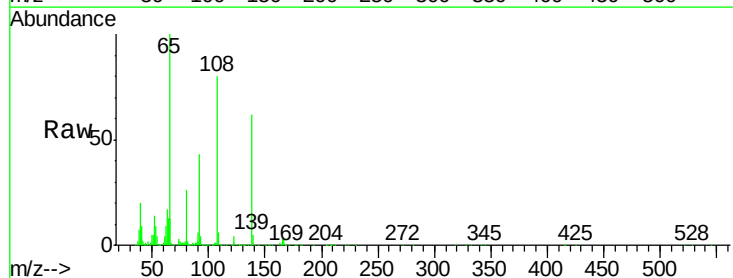
Tgt Ion:138 Resp: 315560

Ion Ratio Lower Upper

138 100

92 70.1 54.1 94.1

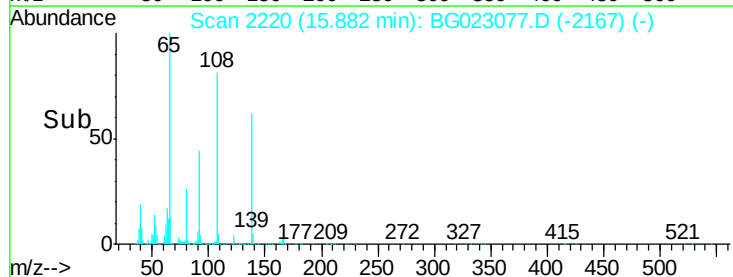
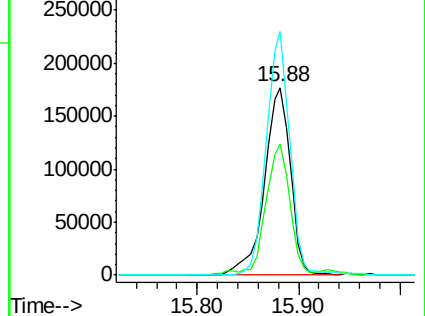
108 129.9 133.9 173.9#

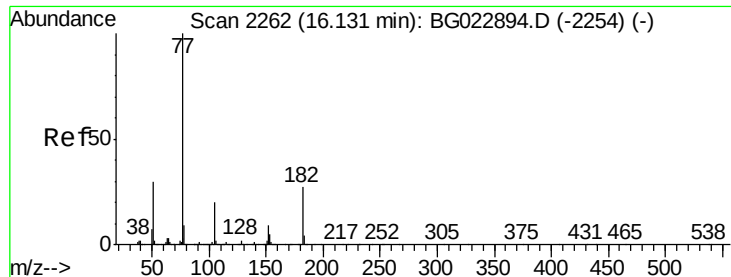


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion: 77 Resp: 1551107

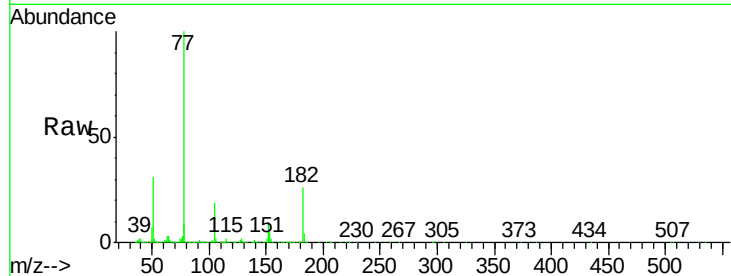
Ion Ratio Lower Upper

77 100

182 25.7 3.5 43.5

105 19.3 0.0 38.5

51 30.8 17.1 57.1



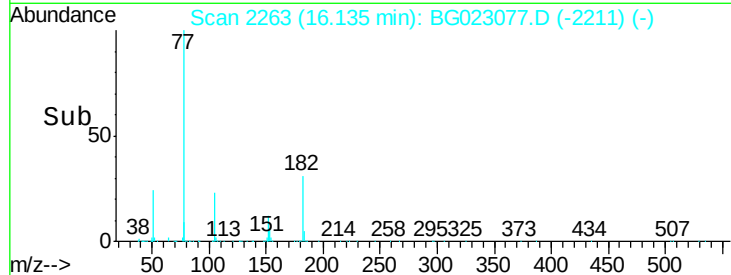
Abundance Ion 77.00 (76.70 to 77.70): BG022894.D (-2254) (-)

Ion 182.00 (181.70 to 182.70): BG022894.D (-2254) (-)

Ion 105.00 (104.70 to 105.70): BG022894.D (-2254) (-)

Ion 51.00 (50.70 to 51.70): BG022894.D (-2254) (-)

Time-->



Abundance Ion 77.00 (76.70 to 77.70): BG023077.D (-2211) (-)

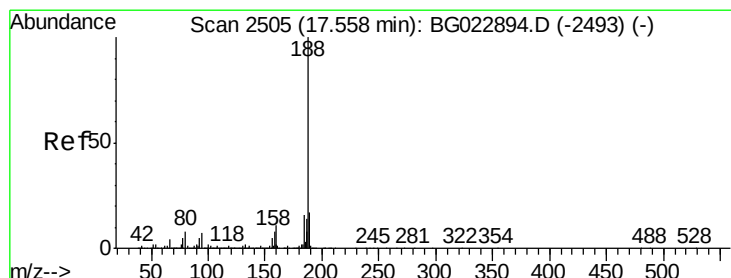
Ion 182.00 (181.70 to 182.70): BG023077.D (-2211) (-)

Ion 105.00 (104.70 to 105.70): BG023077.D (-2211) (-)

Ion 51.00 (50.70 to 51.70): BG023077.D (-2211) (-)

Time-->

16.10 16.20



#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

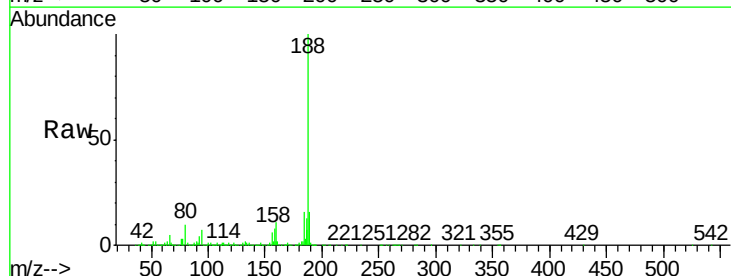
Tgt Ion: 188 Resp: 895918

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 9.7 7.2 10.8

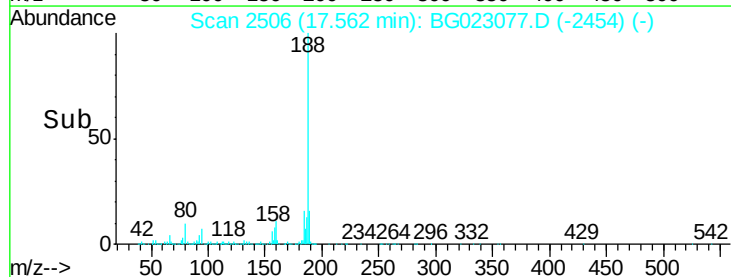


Abundance Ion 188.00 (187.70 to 188.70): BG022894.D (-2493) (-)

Ion 94.00 (93.70 to 94.70): BG022894.D (-2493) (-)

Ion 80.00 (79.70 to 80.70): BG022894.D (-2493) (-)

Time-->



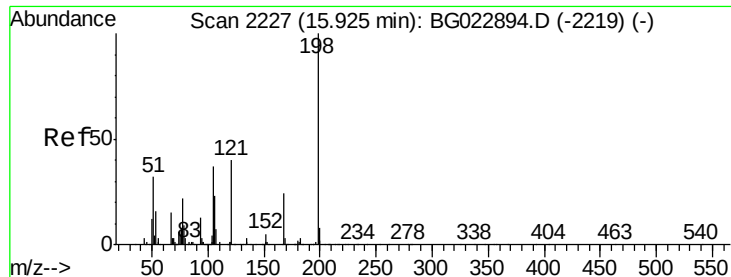
Abundance Ion 188.00 (187.70 to 188.70): BG023077.D (-2454) (-)

Ion 94.00 (93.70 to 94.70): BG023077.D (-2454) (-)

Ion 80.00 (79.70 to 80.70): BG023077.D (-2454) (-)

Time-->

17.50 17.60



#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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

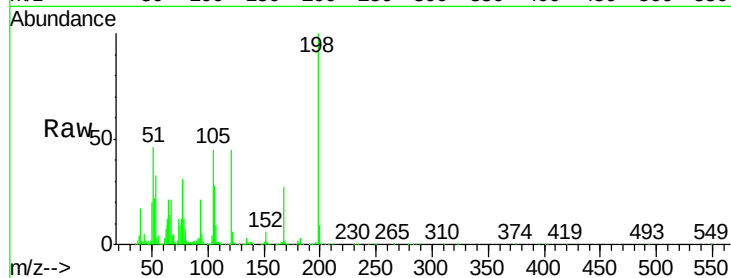
Tot Ion:198 Resp: 260662

Ion Ratio Lower Upper

198 100

51 46.0 26.0 66.0

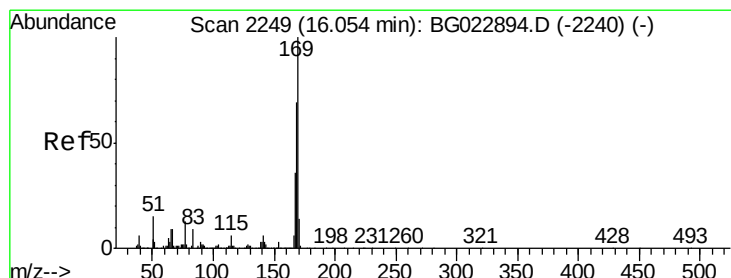
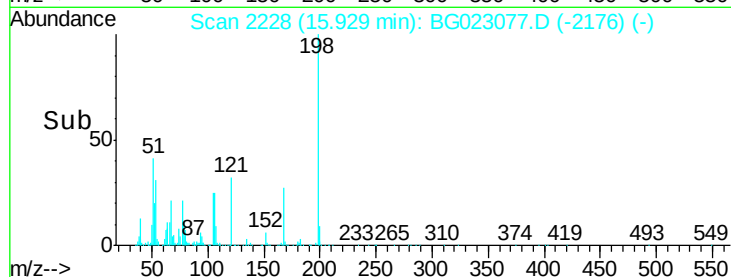
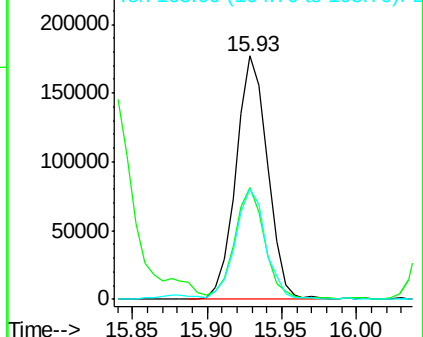
105 45.5 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#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

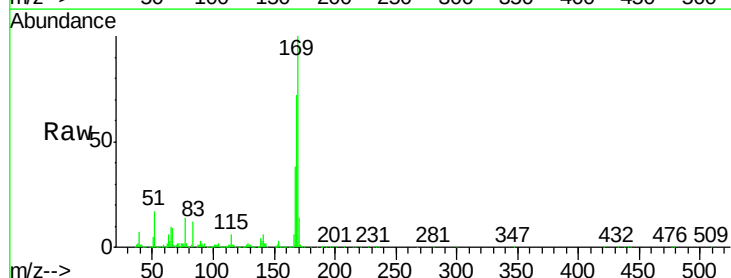
Tgt Ion:169 Resp: 1241139

Ion Ratio Lower Upper

169 100

168 71.7 55.0 82.4

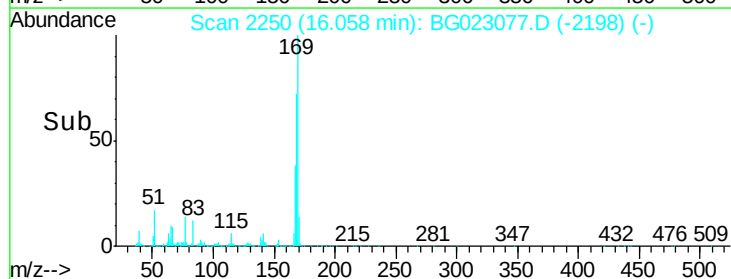
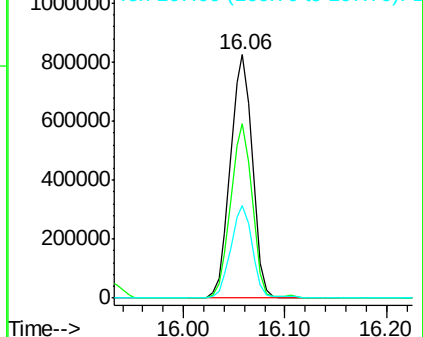
167 38.1 27.4 41.0

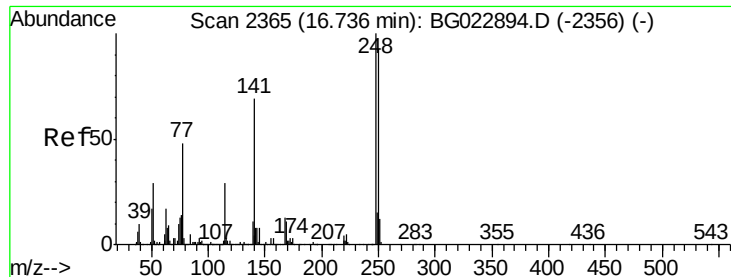


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

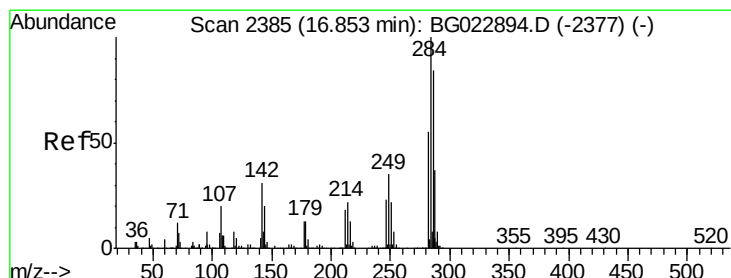
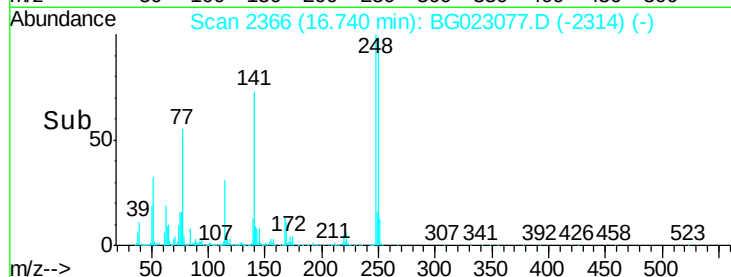
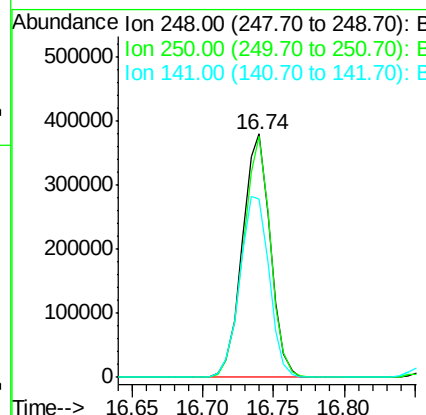
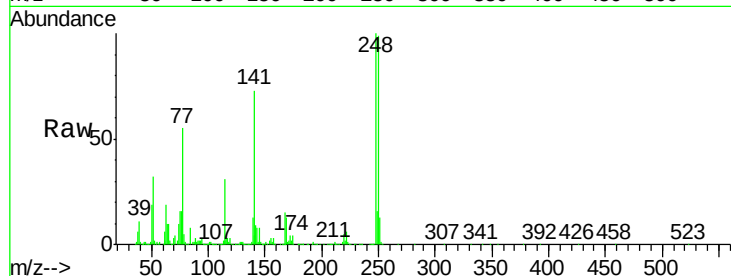




#66
4-Bromophenyl-phenylether
Concen: 44.84 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

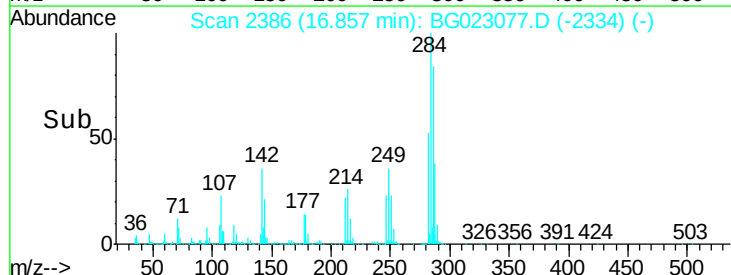
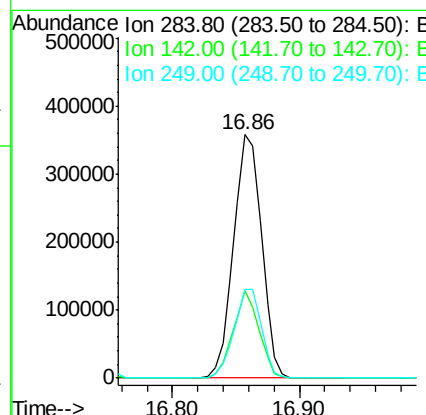
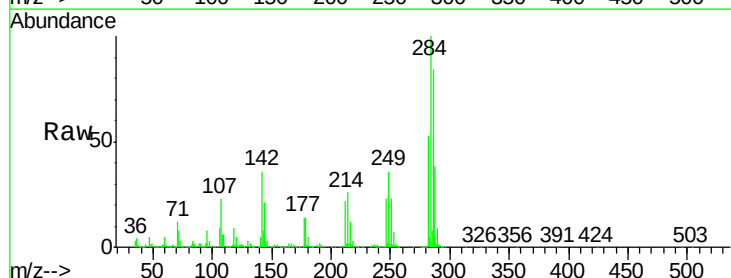
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

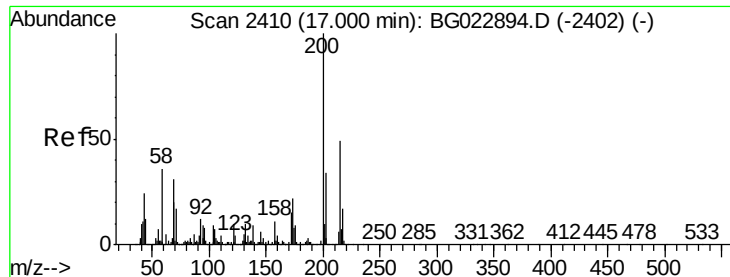
Tot Ion:248 Resp: 522649
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 73.2 65.7 98.5



#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

Tgt Ion:284 Resp: 546319
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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

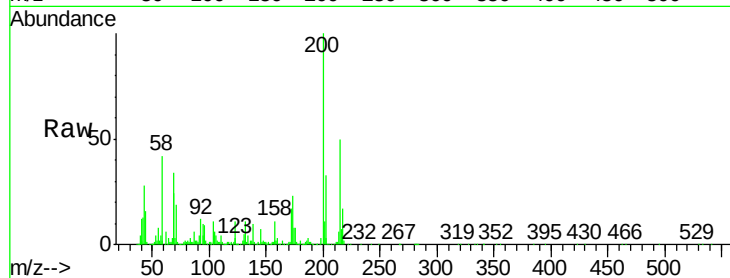
Tot Ion:200 Resp: 516924

Ion Ratio Lower Upper

200 100

173 22.8 1.6 41.6

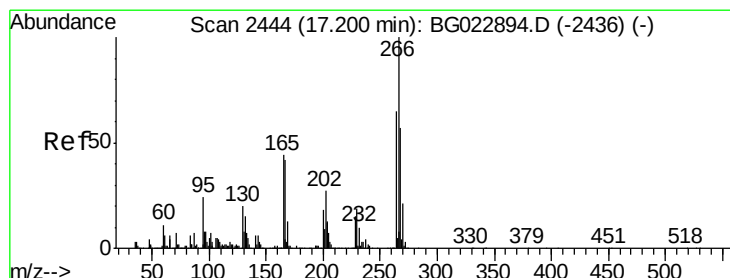
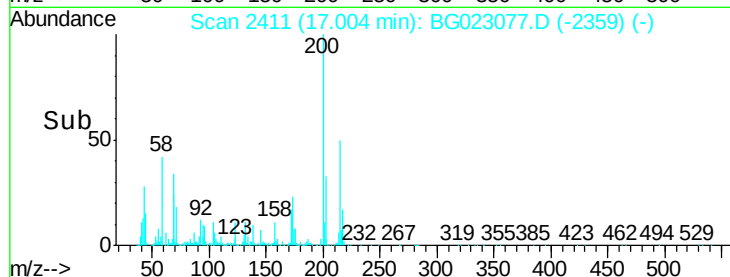
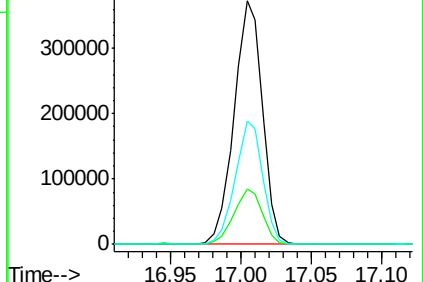
215 50.4 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 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

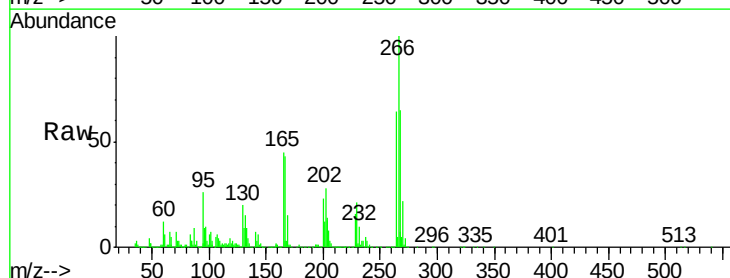
Tgt Ion:266 Resp: 674579

Ion Ratio Lower Upper

266 100

268 65.3 51.9 77.9

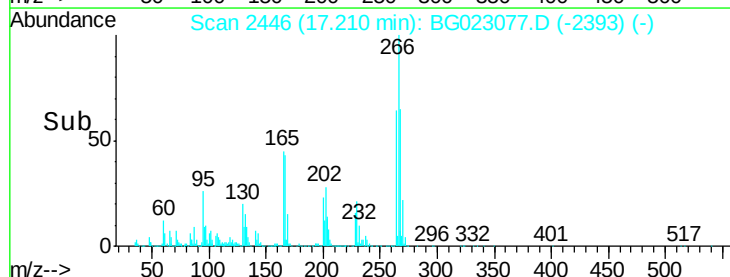
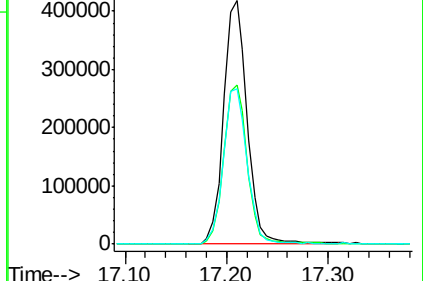
264 63.9 50.6 75.8

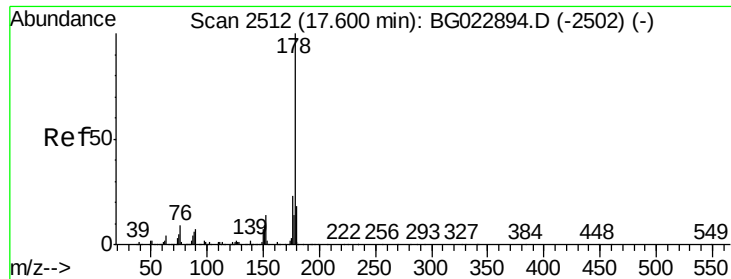


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 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

Instrument :

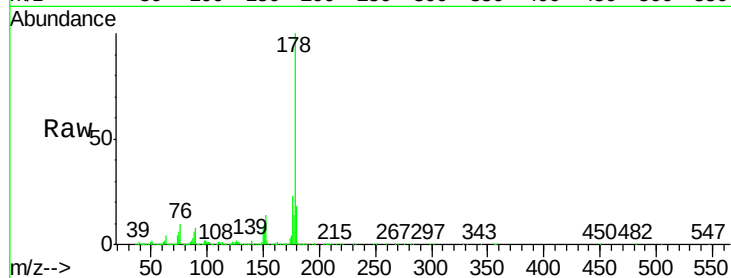
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:178 Resp: 2039902

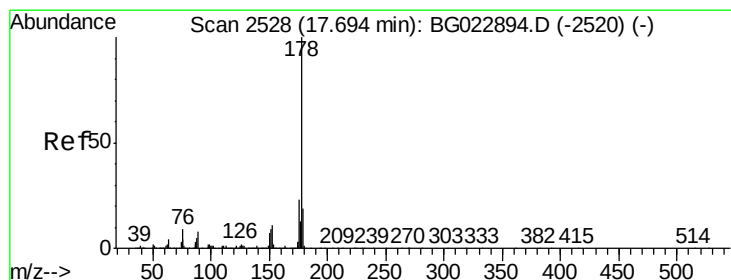
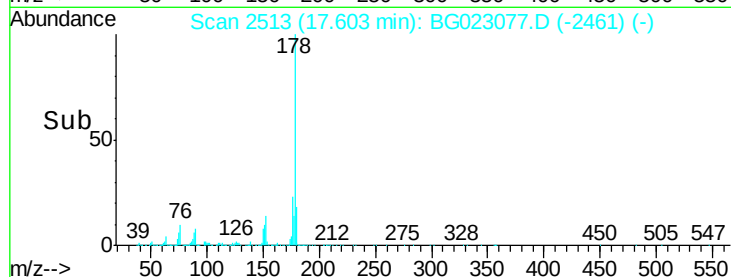
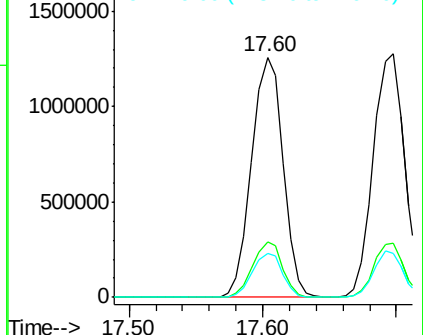
Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.8	25.2
179	18.5	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.47 ng

RT: 17.70 min Scan# 2529

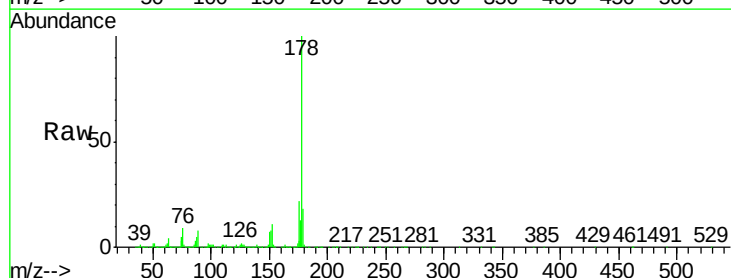
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:178 Resp: 2065979

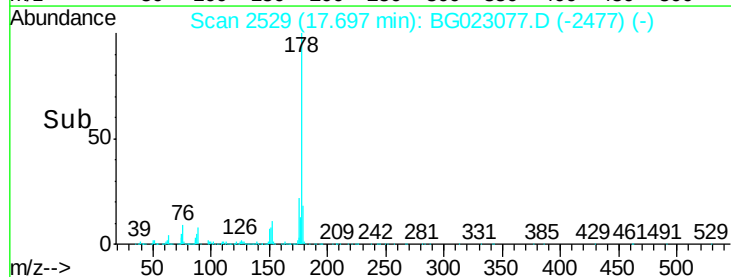
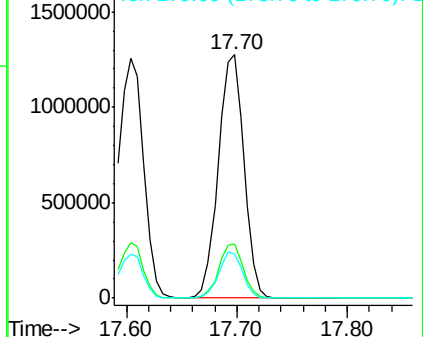
Ion	Ratio	Lower	Upper
178	100		
176	22.4	17.3	25.9
179	18.3	14.0	21.0

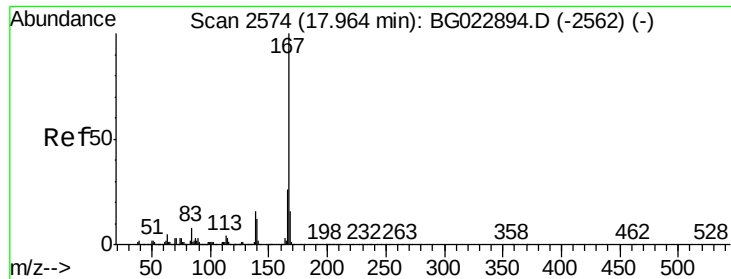


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 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

Instrument :

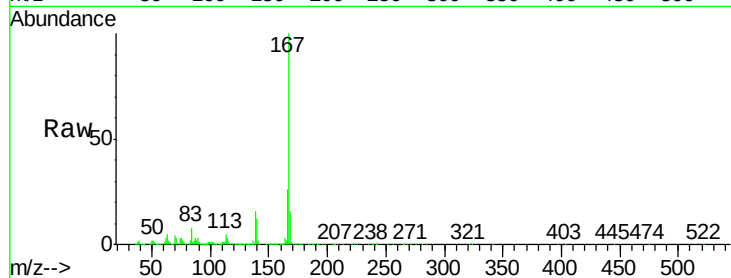
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:167 Resp: 1831601

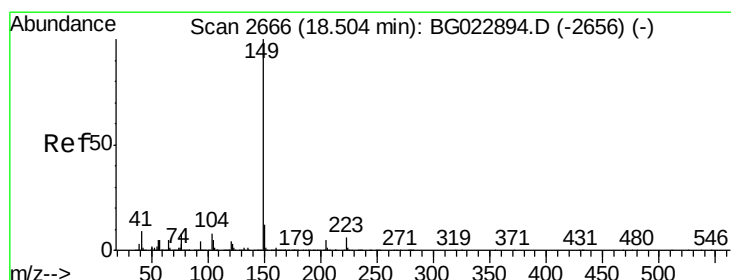
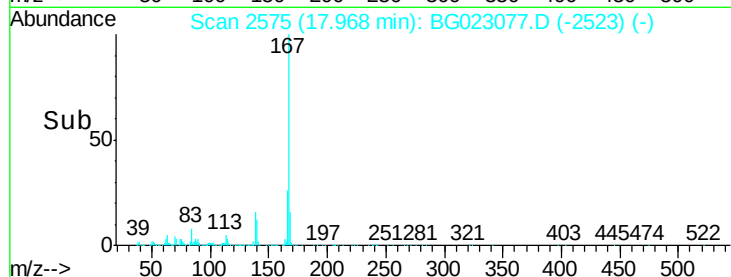
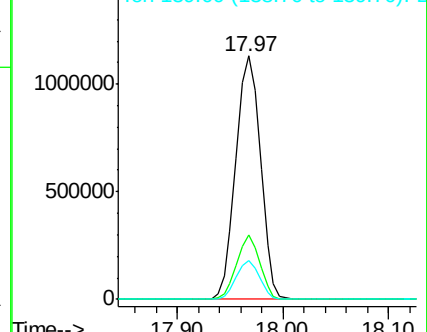
Ion	Ratio	Lower	Upper
167	100		
166	26.2	20.7	31.1
139	16.1	11.9	17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.42 ng

RT: 18.51 min Scan# 2667

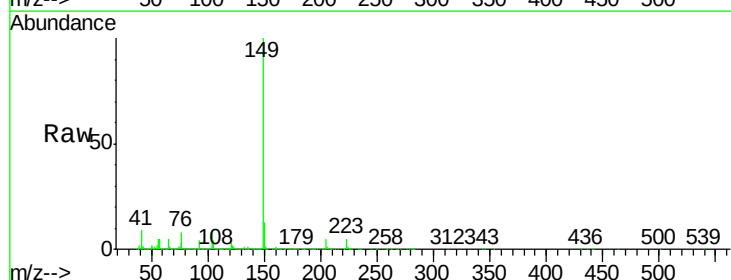
Delta R.T. 0.00 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:149 Resp: 2111186

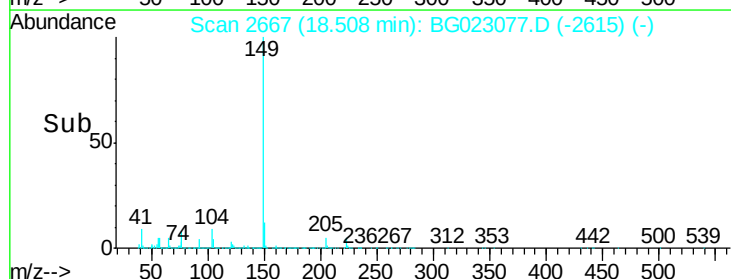
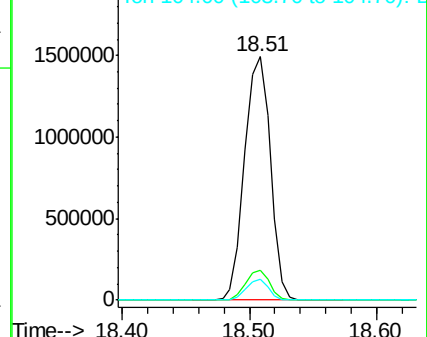
Ion	Ratio	Lower	Upper
149	100		
150	12.5	9.1	13.7
104	8.5	6.9	10.3

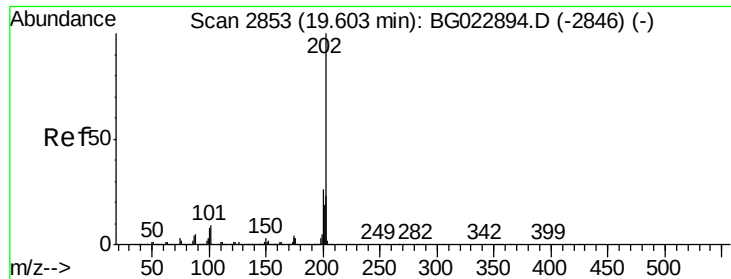


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

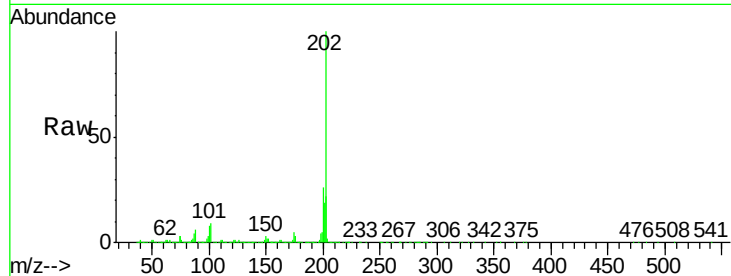
Tot Ion:202 Resp: 2317533

Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.4

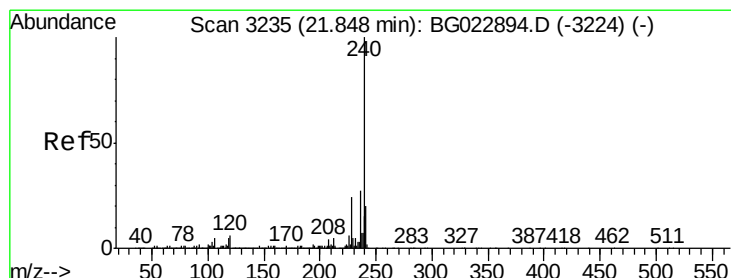
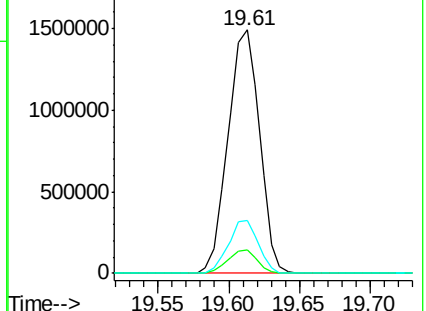
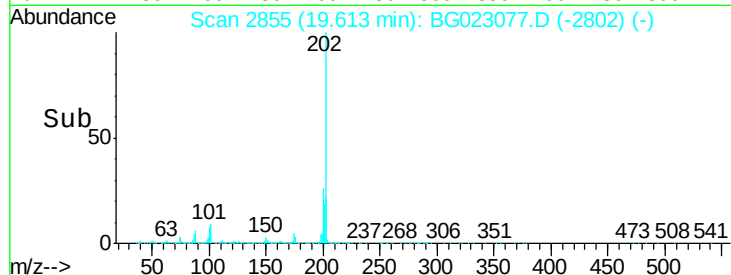
203 21.9 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

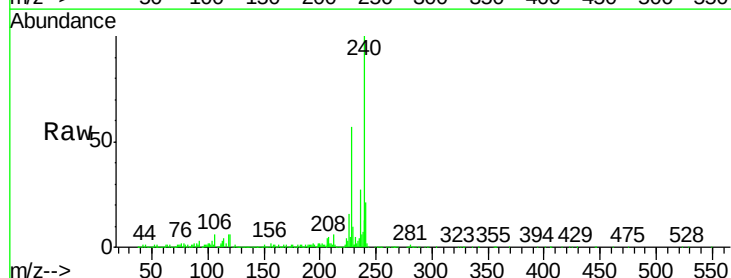
Tgt Ion:240 Resp: 933314

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

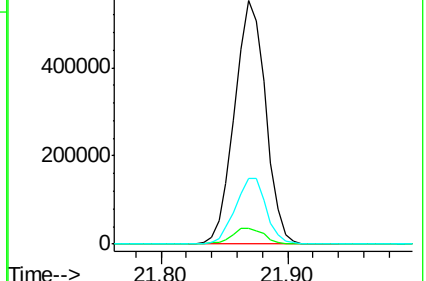
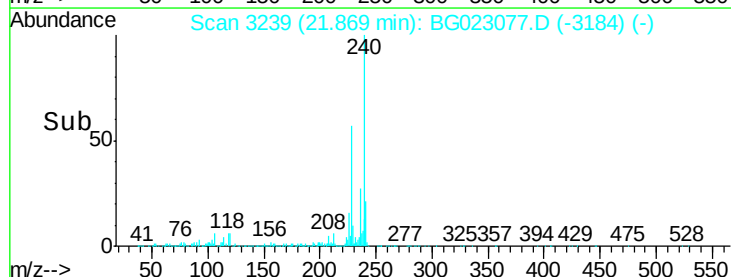
236 26.8 21.1 31.7

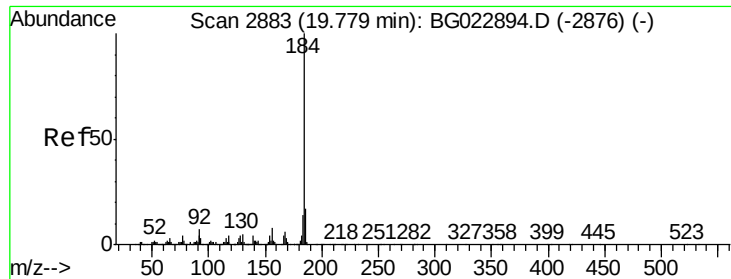


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

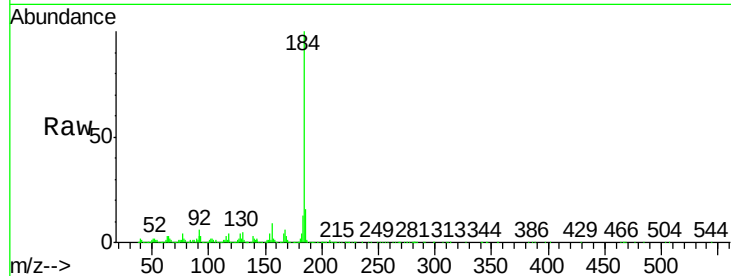
Tot Ion:184 Resp: 1178372

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

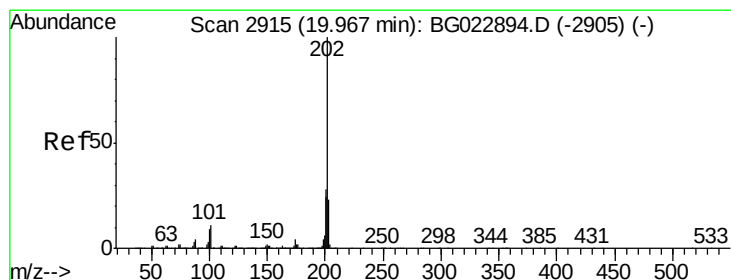
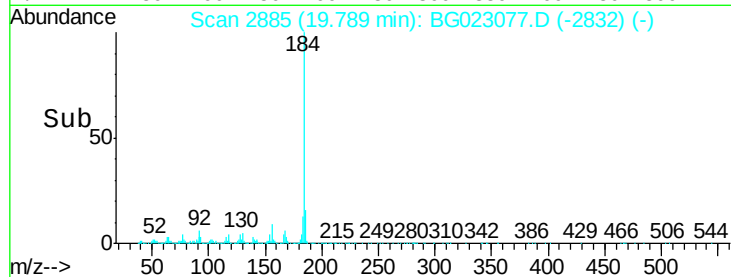
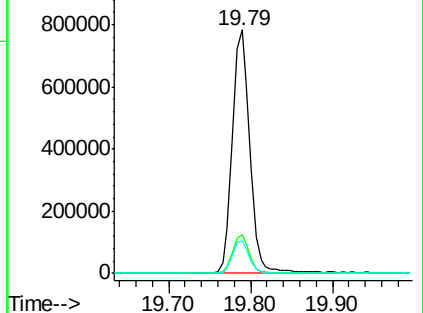
183 13.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 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

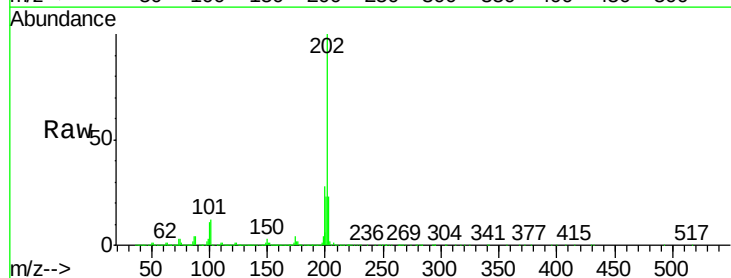
Tgt Ion:202 Resp: 2307030

Ion Ratio Lower Upper

202 100

200 28.3 21.2 31.8

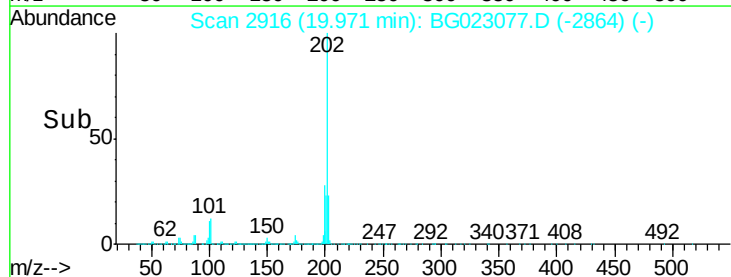
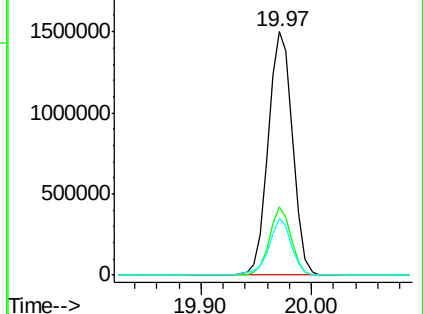
203 23.1 16.8 25.2

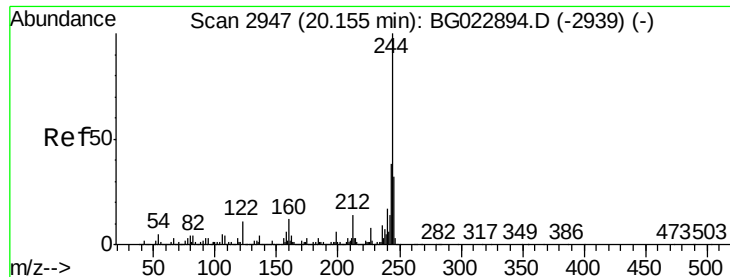


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

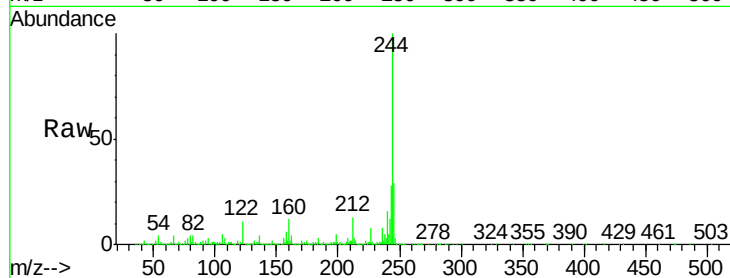
Tot Ion:244 Resp: 2717700

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

244 100

212 13.2 10.8 16.2

122 10.6 8.0 12.0

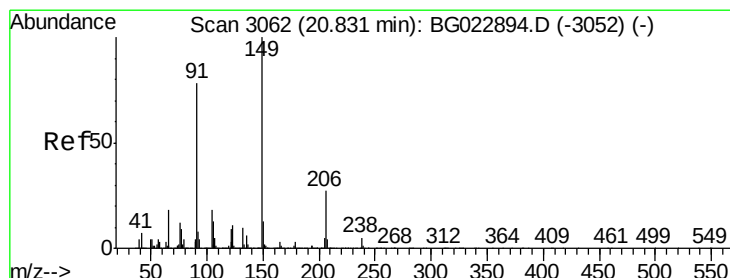
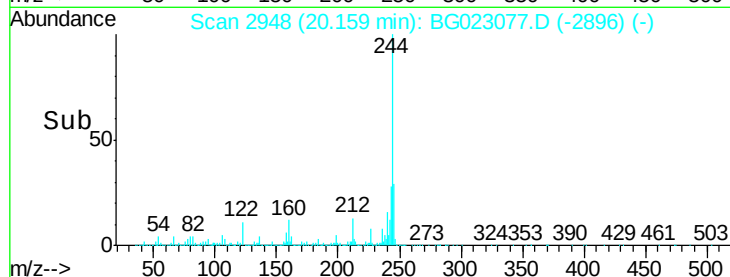
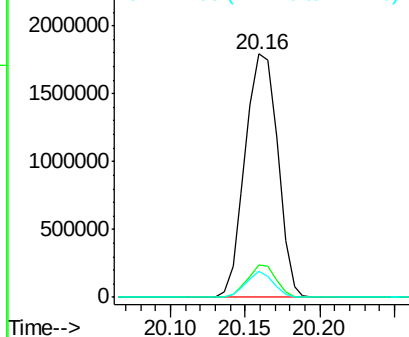


Abundance

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

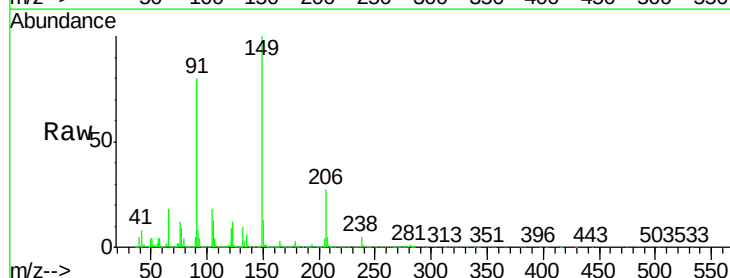
Tgt Ion:149 Resp: 1051120

Ion	Ratio	Lower	Upper
149	100		
91	79.7	68.1	102.1
206	26.7	19.8	29.6

149 100

91 79.7 68.1 102.1

206 26.7 19.8 29.6

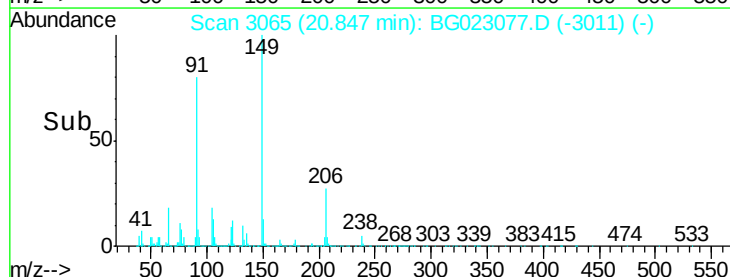
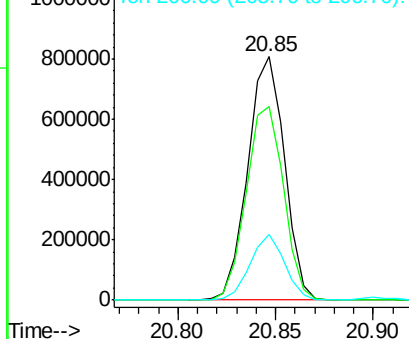


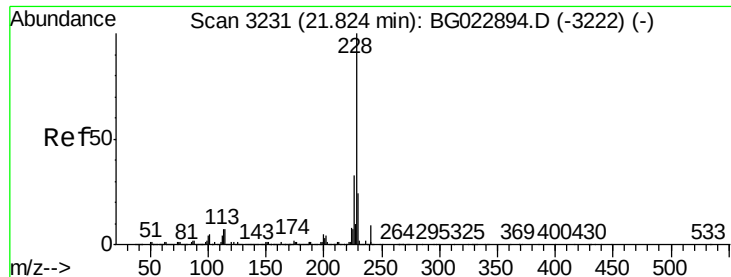
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#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

Instrument :

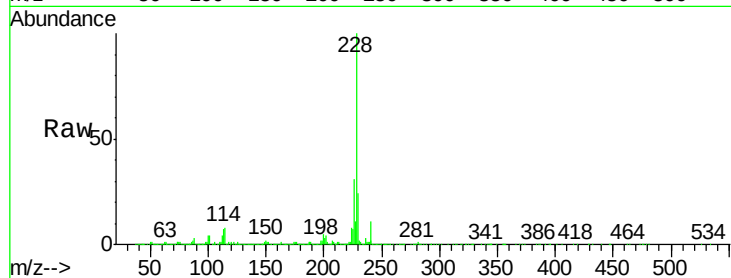
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:228 Resp: 2420850

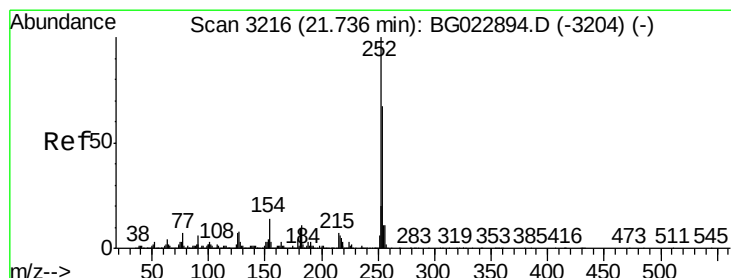
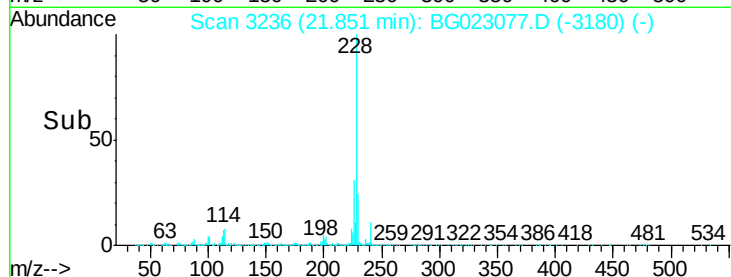
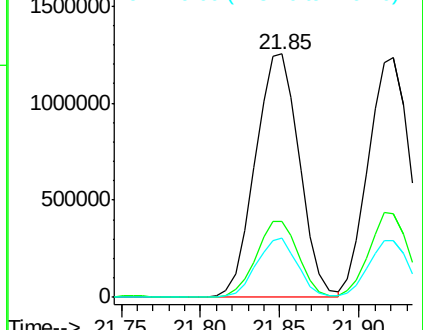
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.3	37.9
229	24.4	19.9	29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.85 ng

RT: 21.76 min Scan# 3220

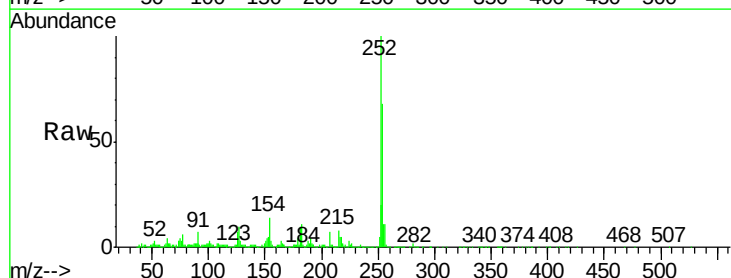
Delta R.T. 0.02 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:252 Resp: 546740

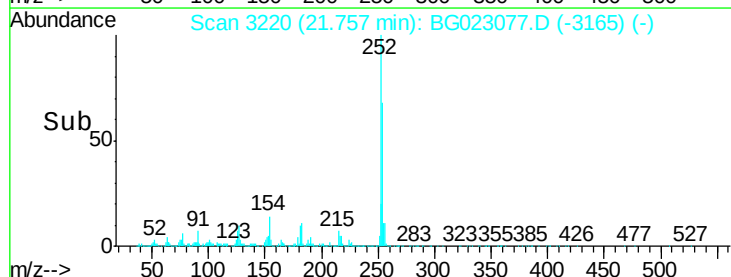
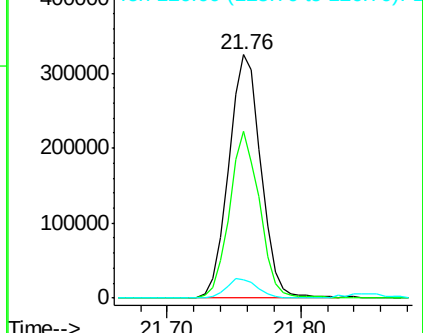
Ion	Ratio	Lower	Upper
252	100		
254	68.4	51.2	76.8
126	7.3	5.3	7.9

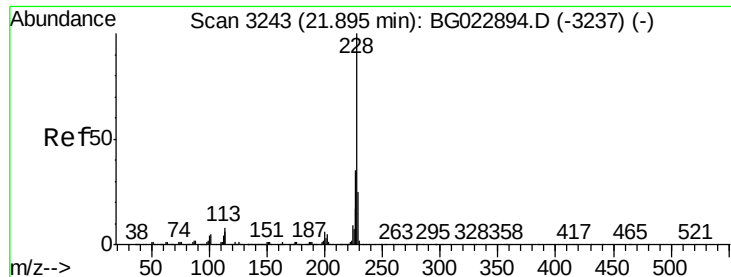


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

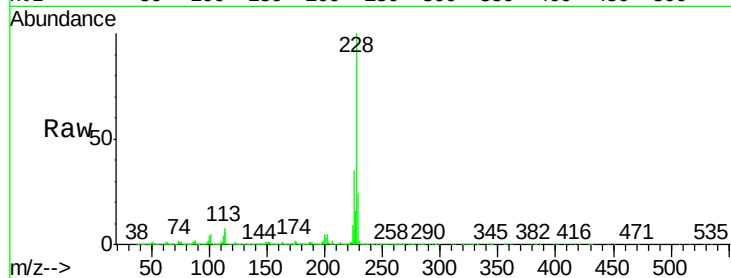
BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

Tot Ion:228 Resp: 2238664

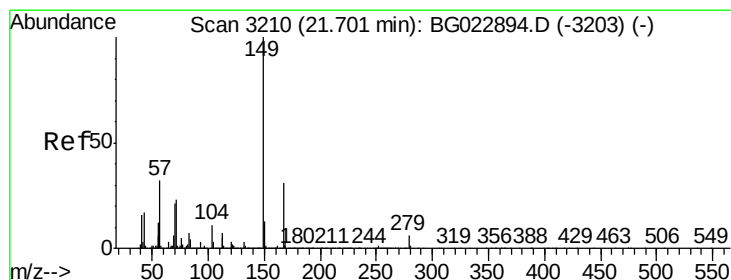
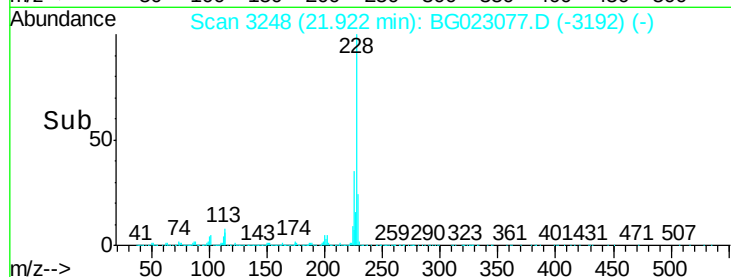
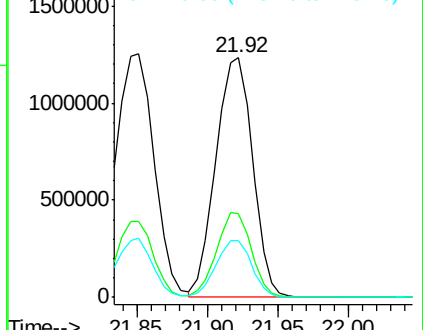
Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.7	40.1
229	23.7	17.4	26.2



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

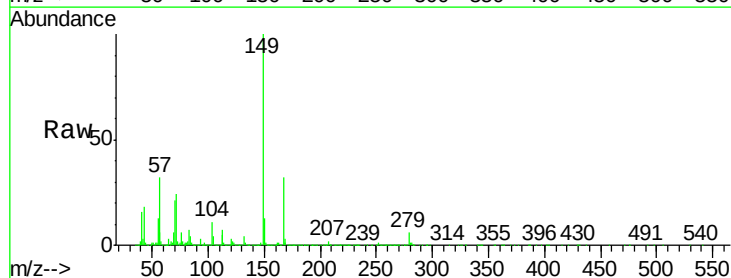
Delta R.T. 0.03 min

Lab File: BG023077.D

Acq: 13 Jul 2016 19:50

Tgt Ion:149 Resp: 1423078

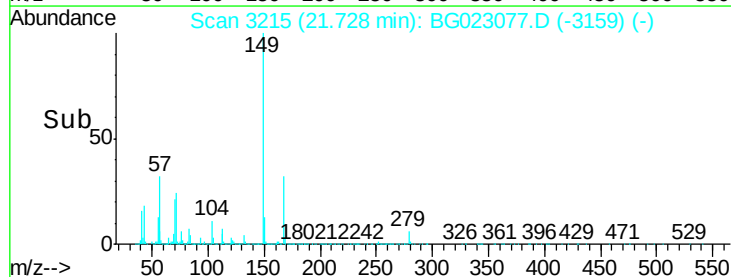
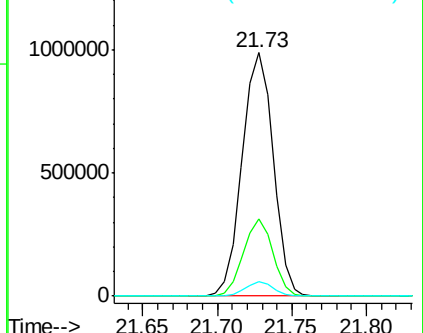
Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.0	36.0
279	5.9	4.8	7.2

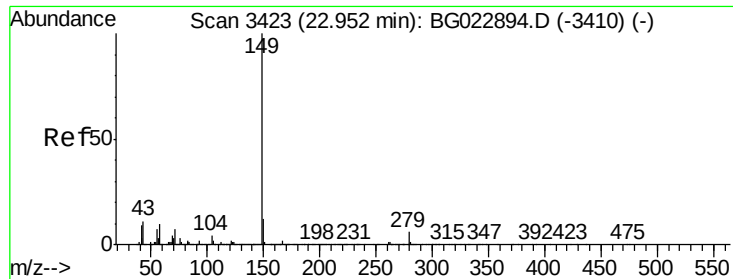


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

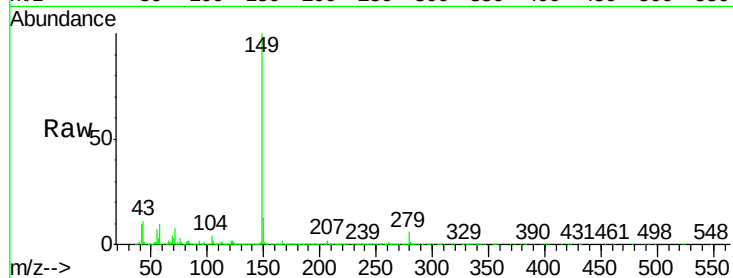
Tot Ion:149 Resp: 2363241

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

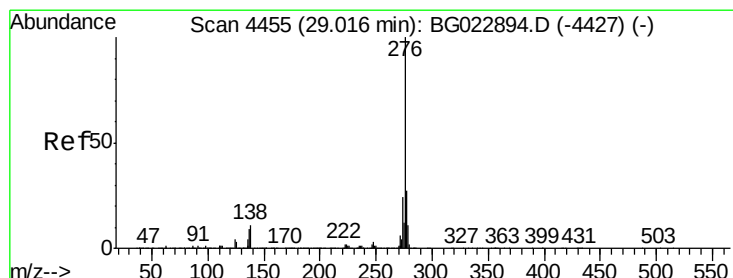
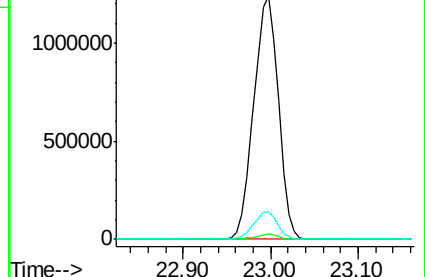
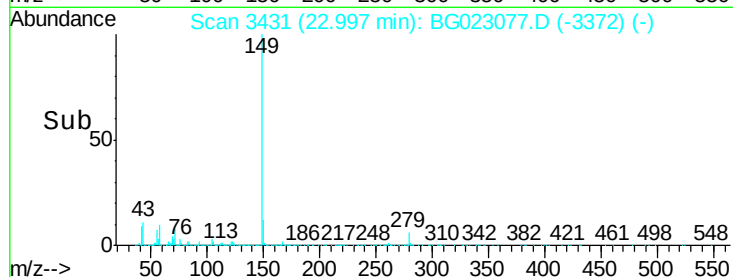
43 10.8 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 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

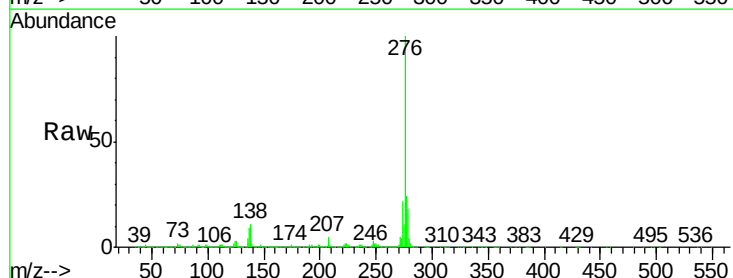
Tgt Ion:276 Resp: 2741753

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

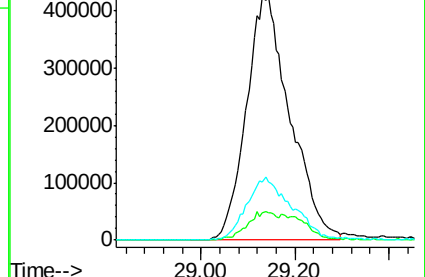
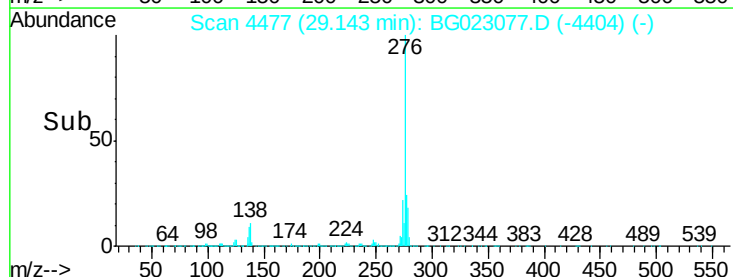
277 26.3 0.0 0.0#

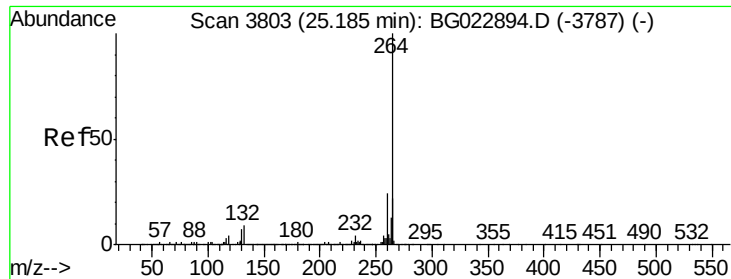


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

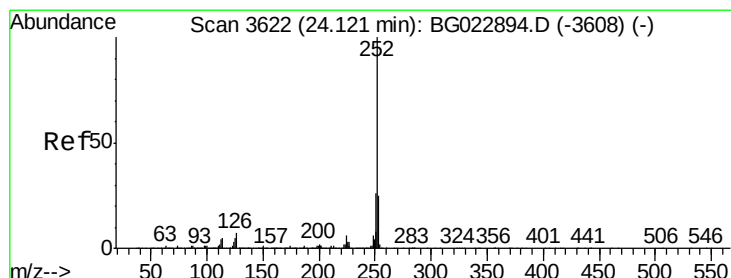
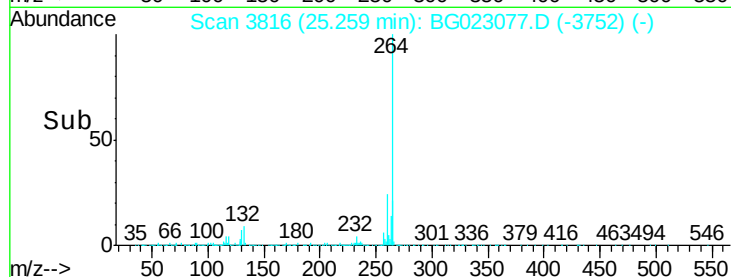
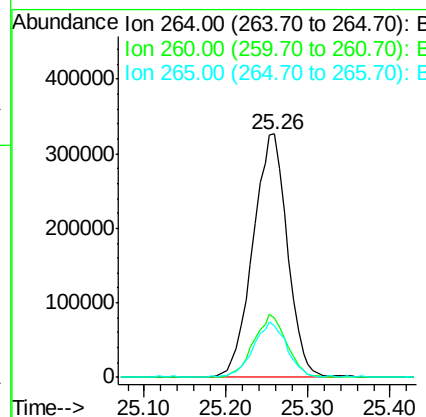
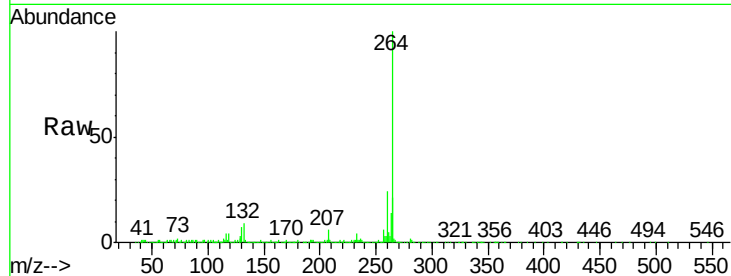




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. 0.07 min
Lab File: BG023077.D
Acq: 13 Jul 2016 19:50

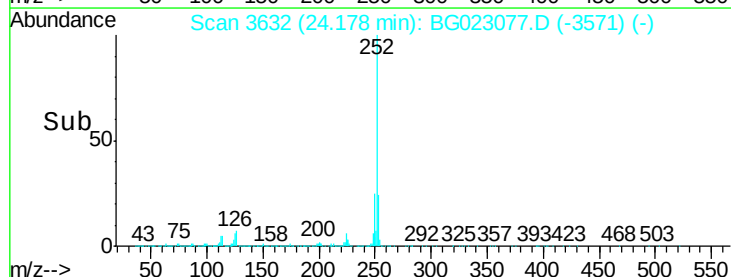
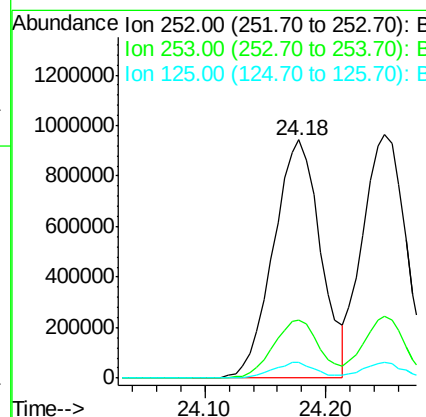
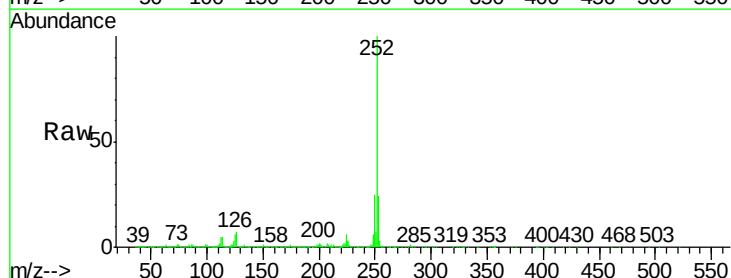
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMSD

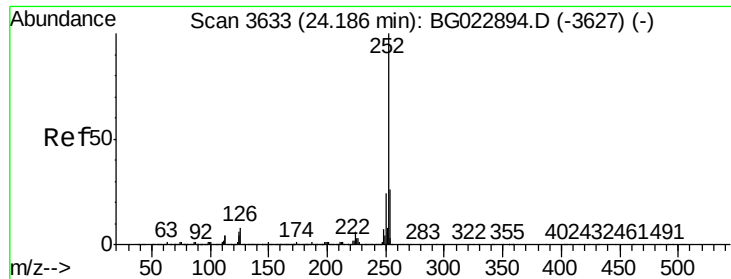
Tot Ion:264 Resp: 955763
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.2 18.9 28.3



#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

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#

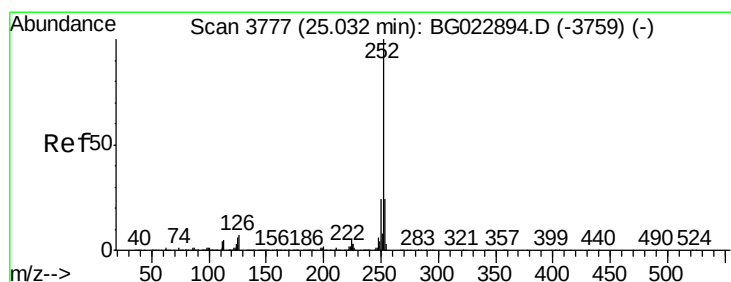
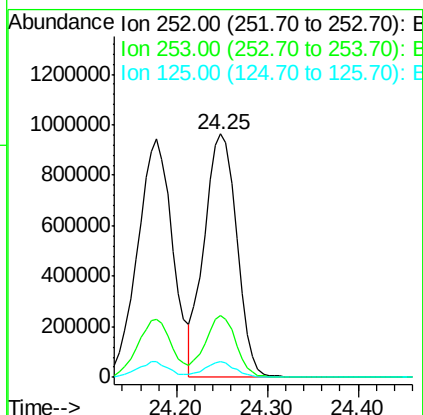
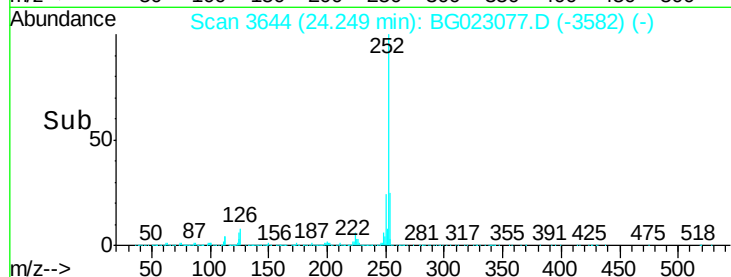
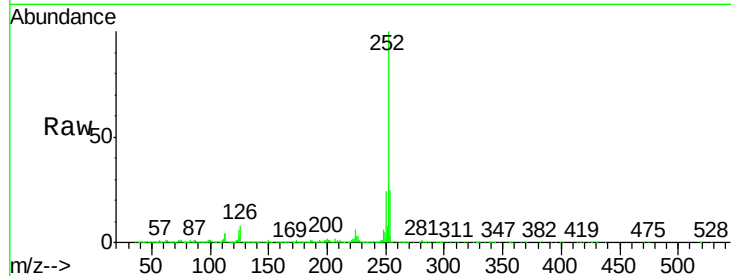




#88
 Benzo(k)fluoranthene
 Concen: 45.78 ng
 RT: 24.25 min Scan# 3644
 Delta R.T. 0.06 min
 Lab File: BG023077.D
 Acq: 13 Jul 2016 19:50

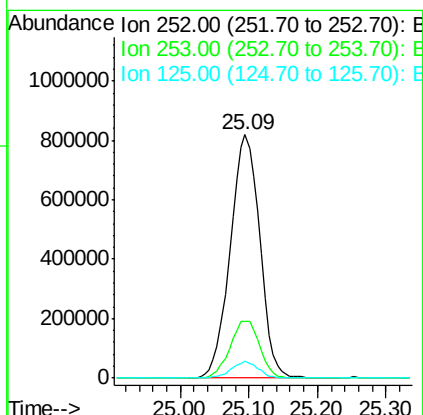
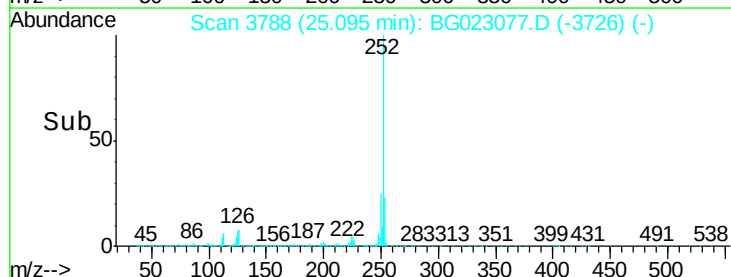
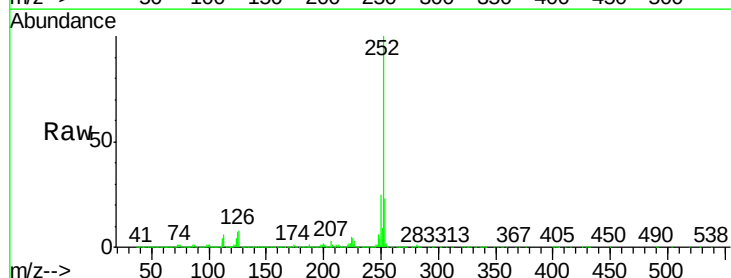
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMSD

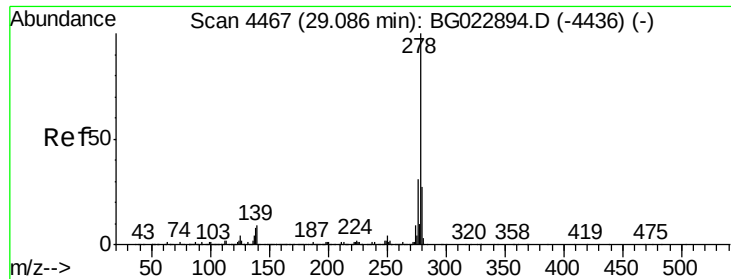
Tot Ion:252 Resp: 2395771
 Ion Ratio Lower Upper
 252 100
 253 25.2 18.8 28.2
 125 6.3 3.2 4.8#



#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

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#





#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

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMSD

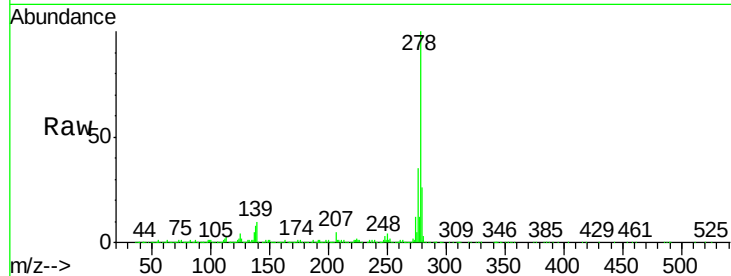
Tot Ion:278 Resp: 2307782

Ion Ratio Lower Upper

278 100

139 10.4 4.7 7.1#

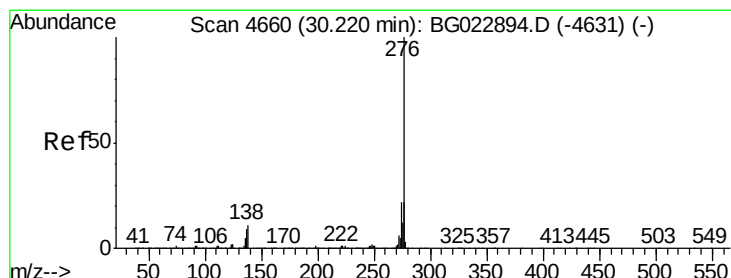
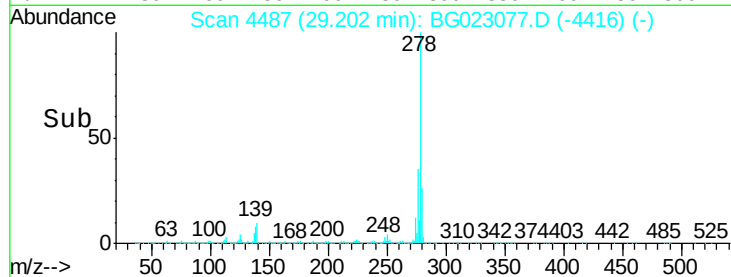
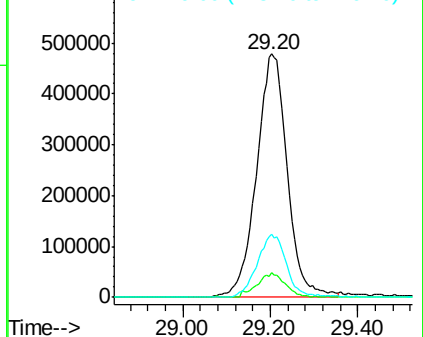
279 25.9 18.3 27.5



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

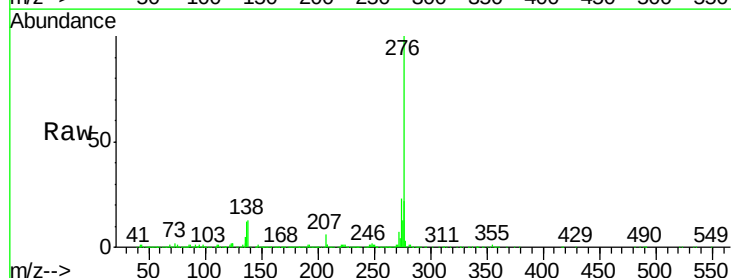
Tgt Ion:276 Resp: 2243213

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

