

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023076.D
 Acq On : 13 Jul 2016 19:10
 Operator : UM/SJ
 Sample : H3946-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 14 13:47:31 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	8.15	152	97643	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	461359	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	359727	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	890628	20.00	ng	0.00
75) Chrysene-d12	21.87	240	910597	20.00	ng	0.02
86) Perylene-d12	25.26	264	907597	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	510103	85.44	ng	0.00
7) Phenol-d6	7.31	99	830945	88.86	ng	0.00
23) Nitrobenzene-d5	9.33	82	573304	53.21	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	454792	70.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1170177	51.24	ng	0.00
78) Terphenyl-d14	20.16	244	1787542	53.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	90044	38.80	ng	96
3) Pyridine	3.97	79	155916	19.63	ng	99
4) n-Nitrosodimethylamine	3.88	42	83126	24.40	ng	# 99
6) Aniline	7.47	93	218747	16.88	ng	98
8) 2-Chlorophenol	7.71	128	187927	29.58	ng	97
9) Benzaldehyde	7.28	77	107031	17.13	ng	99
10) Phenol	7.34	94	303264	31.52	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	200502	26.29	ng	98
12) 1,3-Dichlorobenzene	8.04	146	186382	23.97	ng	97
13) 1,4-Dichlorobenzene	8.19	146	186441	23.95	ng	93
14) 1,2-Dichlorobenzene	8.51	146	185542	23.97	ng	97
15) Benzyl Alcohol	8.39	79	259274	30.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	242451	26.03	ng	96
17) 2-Methylphenol	8.60	107	194130	31.00	ng	93
18) Hexachloroethane	9.24	117	78714	23.95	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	219702	26.06	ng	# 91
20) 3+4-Methylphenols	8.93	107	267592	30.64	ng	96
22) Acetophenone	8.98	105	335413	24.22	ng	# 96
24) Nitrobenzene	9.37	77	310321	27.10	ng	96
25) Isophorone	9.89	82	577228	26.64	ng	96
26) 2-Nitrophenol	10.09	139	118951	26.48	ng	88
27) 2,4-Dimethylphenol	10.14	122	201200	25.91	ng	89
28) bis(2-Chloroethoxy)methane	10.37	93	324773	26.87	ng	95
29) 2,4-Dichlorophenol	10.63	162	239052	28.86	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	233068	24.56	ng	98
31) Naphthalene	11.03	128	602597	25.66	ng	100
33) 4-Chloroaniline	11.15	127	173546	15.11	ng	95
34) Hexachlorobutadiene	11.31	225	176372	22.92	ng	98
35) Caprolactam	11.91	113	77970	22.88	ng	95
36) 4-Chloro-3-methylphenol	12.26	107	306640	27.07	ng	92
37) 2-Methylnaphthalene	12.63	142	500180	26.95	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	327009	21.09	ng	99
40) Hexachlorocyclopentadiene	12.97	237	387055	43.37	ng	99
42) 2,4,6-Trichlorophenol	13.24	196	232409	26.08	ng	94

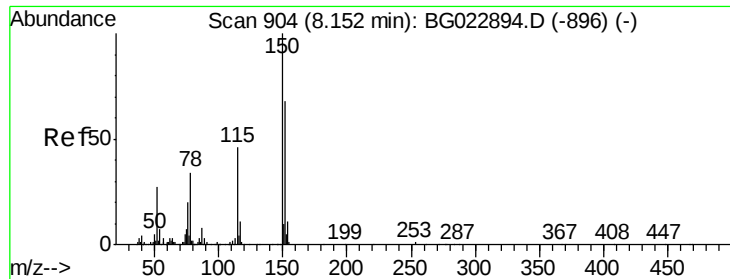
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023076.D
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Quant Time: Jul 14 13:47:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	250979	27.43	nq	92
45) 1,1'-Biphenyl	13.63	154	710567	26.33	nq	99
46) 2-Chloronaphthalene	13.68	162	589851	26.94	nq	98
47) 2-Nitroaniline	13.88	65	252788	27.06	nq	96
48) Acenaphthylene	14.53	152	892982	27.19	nq	99
49) Dimethylphthalate	14.25	163	1174337	39.96	nq	98
50) 2,6-Dinitrotoluene	14.38	165	184243	27.90	nq	86
51) Acenaphthene	14.86	154	581551	27.10	nq	100
52) 3-Nitroaniline	14.71	138	138103	20.97	nq	92
53) 2,4-Dinitrophenol	14.92	184	45673	10.08	nq	96
54) Dibenzofuran	15.20	168	950022	29.57	nq	98
55) 4-Nitrophenol	15.02	139	259635	47.04	nq	97
56) 2,4-Dinitrotoluene	15.16	165	258967	26.90	nq	92
57) Fluorene	15.85	166	765359	27.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	251337	27.46	nq	98
59) Diethylphthalate	15.60	149	857560	28.68	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	440473	26.16	nq	99
61) 4-Nitroaniline	15.87	138	177720	24.94	nq	# 82
62) Azobenzene	16.13	77	919133	32.14	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	121088	18.29	nq	98
65) n-Nitrosodiphenylamine	16.06	169	718659	28.01	nq	95
66) 4-Bromophenyl-phenylether	16.74	248	301188	25.99	nq	98
67) Hexachlorobenzene	16.86	284	313199	24.86	nq	98
68) Atrazine	17.00	200	305915	26.88	nq	99
69) Pentachlorophenol	17.20	266	358466	43.94	nq	97
70) Phenanthrene	17.60	178	1243337	28.49	nq	98
71) Anthracene	17.69	178	1267602	28.68	nq	98
72) Carbazole	17.97	167	1102974	28.88	nq	97
73) Di-n-butylphthalate	18.50	149	1346495	31.70	nq	97
74) Fluoranthene	19.61	202	1438677	26.86	nq	95
76) Benzidine	19.79	184	699595	26.80	nq	98
77) Pyrene	19.97	202	1447654	28.29	nq	95
79) Butylbenzylphthalate	20.85	149	616746	30.43	nq	96
80) Benzo(a)anthracene	21.84	228	1462091	28.70	nq	94
81) 3,3'-Dichlorobenzidine	21.76	252	413998	18.51	nq	# 98
82) Chrysene	21.91	228	1367485	28.61	nq	98
83) Bis(2-ethylhexyl)phthalate	21.73	149	845079	30.03	nq	99
84) Di-n-octyl phthalate	23.00	149	1435966	30.59	nq	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	1562102	25.64	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	1497428m	28.60	nq	
88) Benzo(k)fluoranthene	24.24	252	1430304	28.78	nq	# 98
89) Benzo(a)pyrene	25.09	252	1437799	28.64	nq	# 99
90) Dibenzo(a,h)anthracene	29.19	278	1315306	26.40	nq	# 96
91) Benzo(q,h,i)perylene	30.34	276	1282293	25.70	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

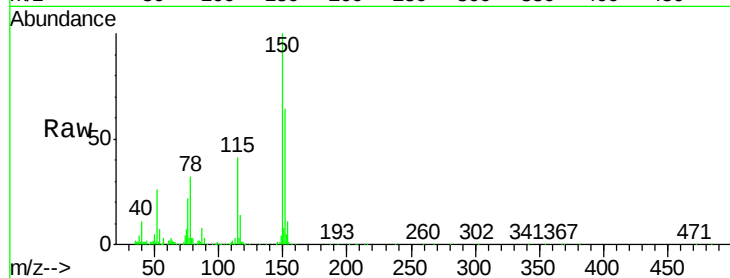
Tot Ion:152 Resp: 97643

Ion Ratio Lower Upper

152 100

150 156.5 144.7 217.1

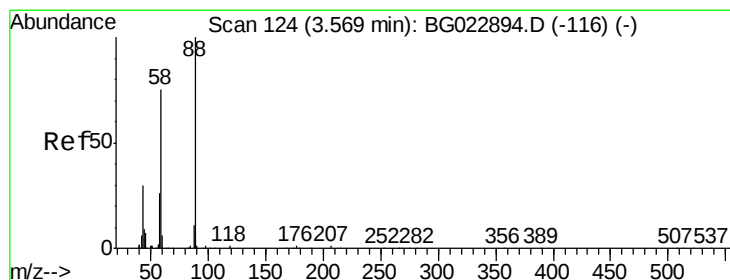
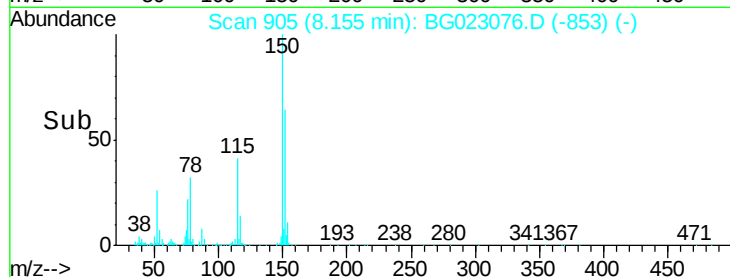
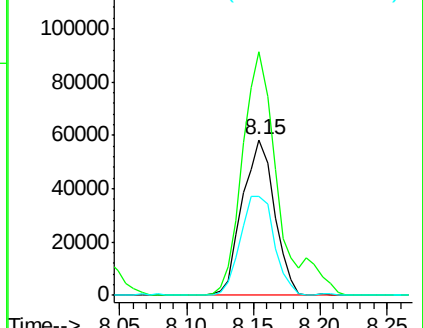
115 63.9 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.80 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

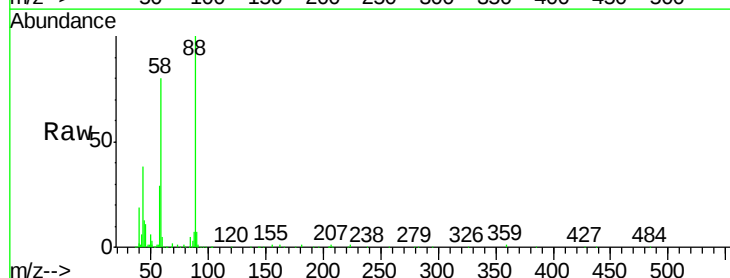
Tgt Ion: 88 Resp: 90044

Ion Ratio Lower Upper

88 100

58 77.9 60.4 90.6

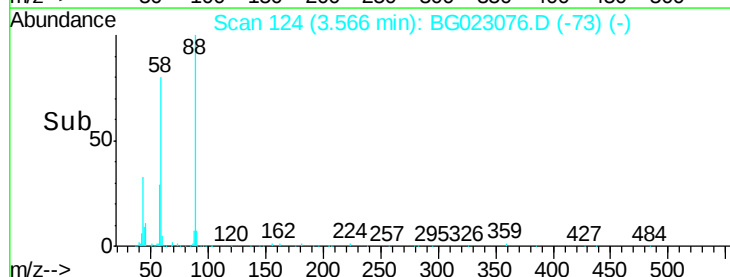
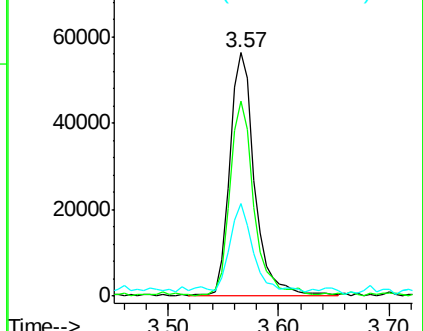
43 35.8 31.1 46.7

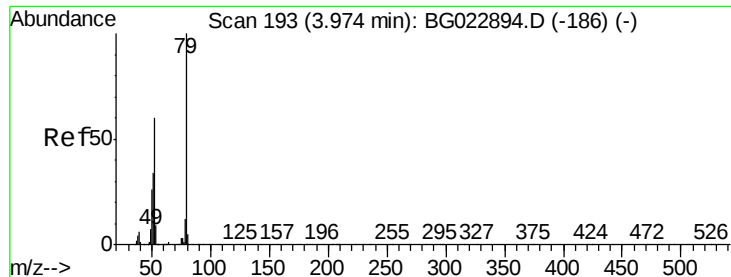


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.63 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

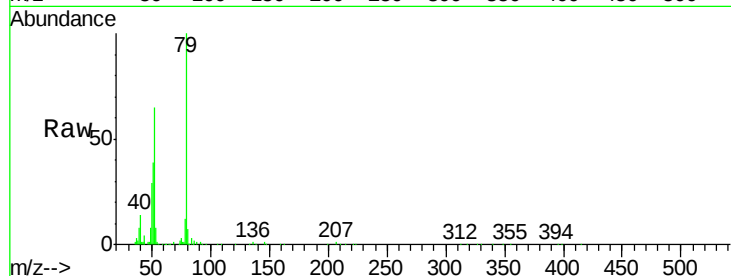
Tot Ion: 79 Resp: 155916

Ion Ratio Lower Upper

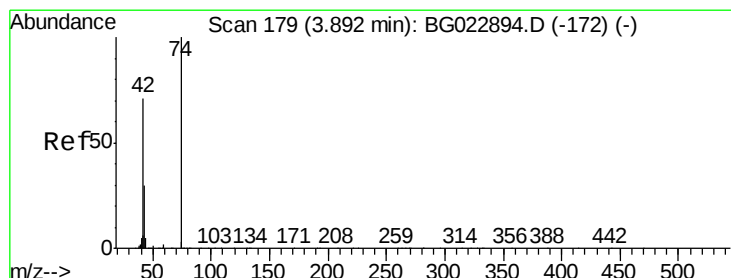
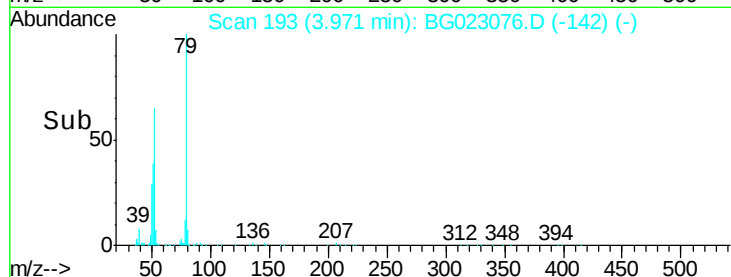
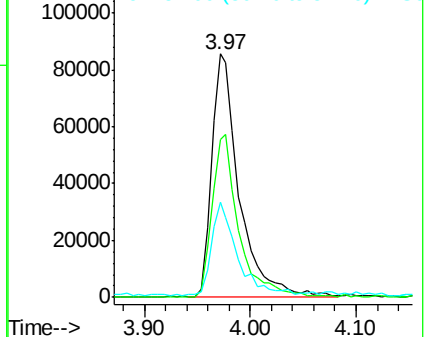
79 100

52 64.6 51.8 77.8

51 39.1 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 24.40 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

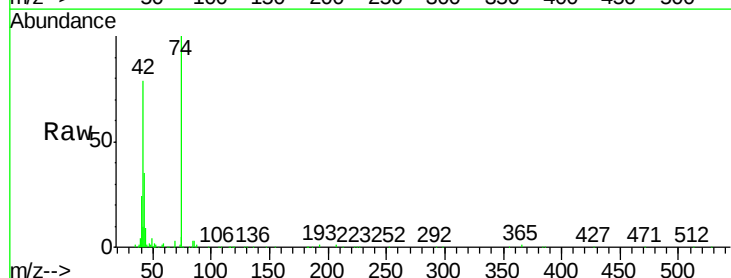
Tgt Ion: 42 Resp: 83126

Ion Ratio Lower Upper

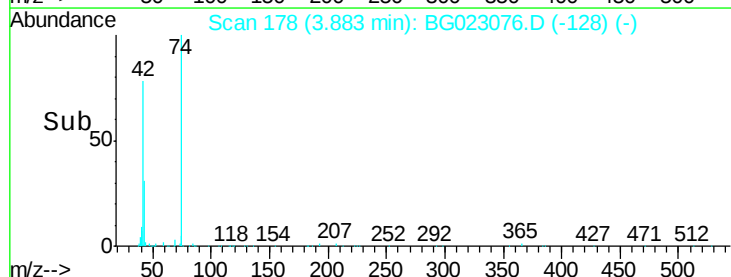
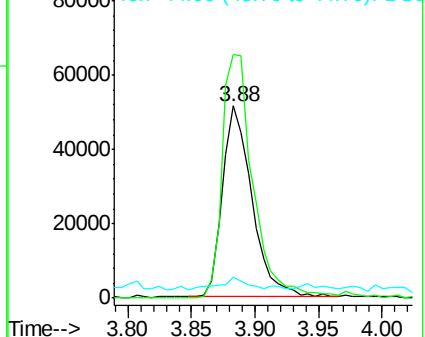
42 100

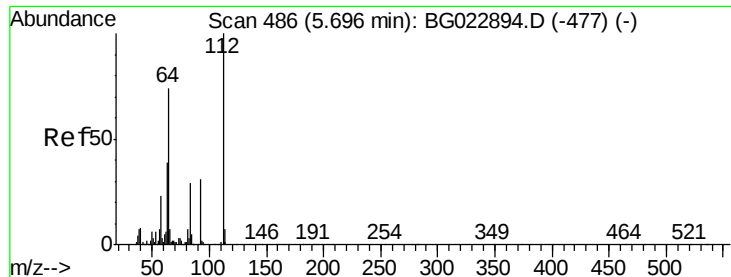
74 126.7 100.6 150.8

44 10.9 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: 85.44 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

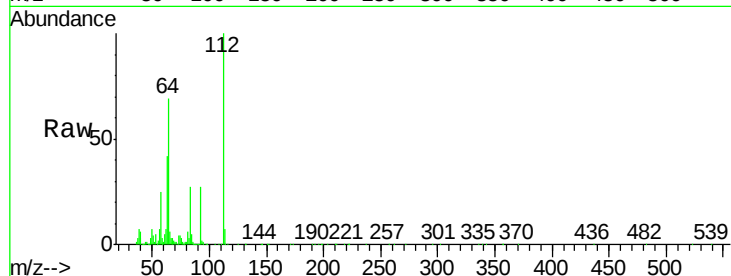
Tot Ion:112 Resp: 510103

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

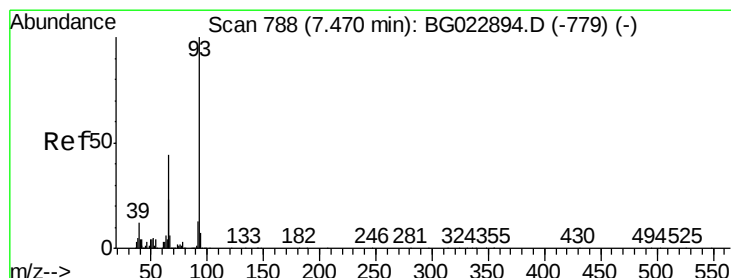
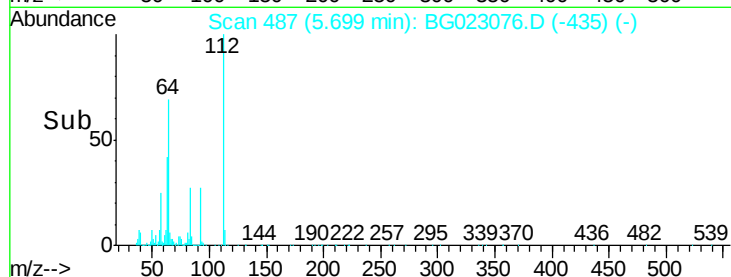
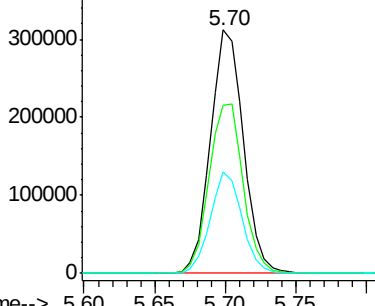
63 41.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.88 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

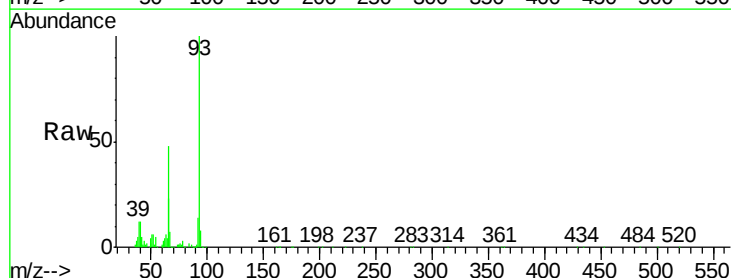
Tgt Ion: 93 Resp: 218747

Ion Ratio Lower Upper

93 100

66 48.2 37.5 56.3

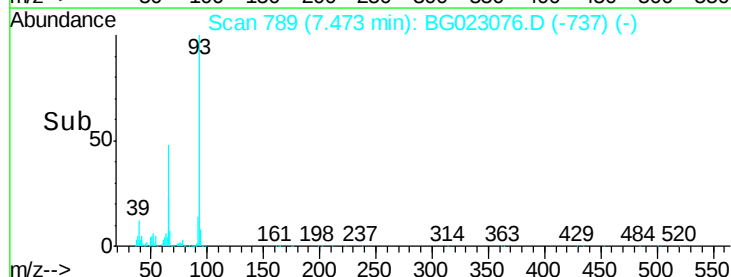
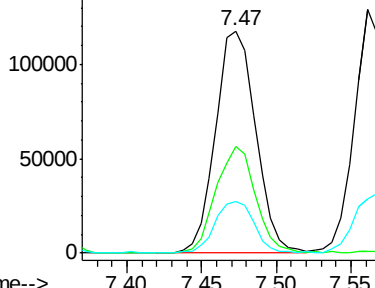
65 23.0 17.9 26.9

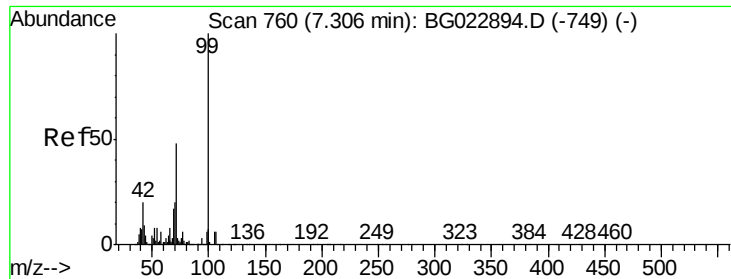


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.86 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

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P7-B5(6-12)CMS

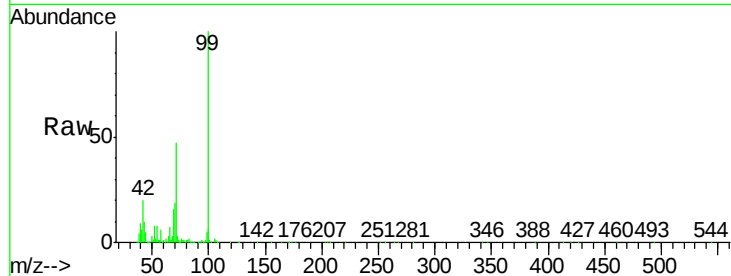
Tot Ion: 99 Resp: 830945

Ion Ratio Lower Upper

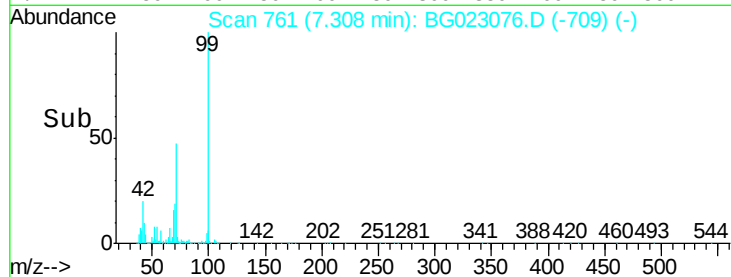
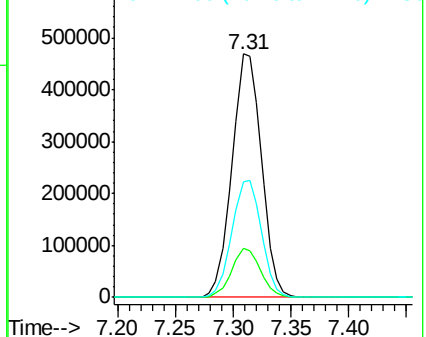
99 100

42 19.9 17.8 26.6

71 47.3 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: 29.58 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

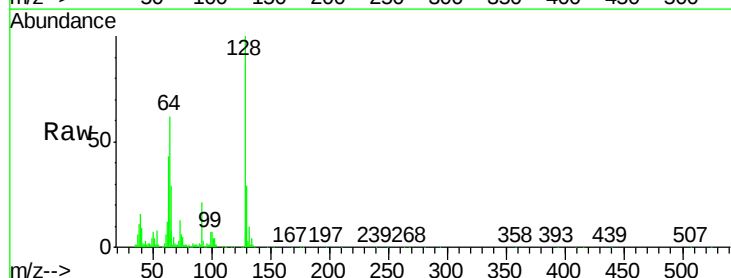
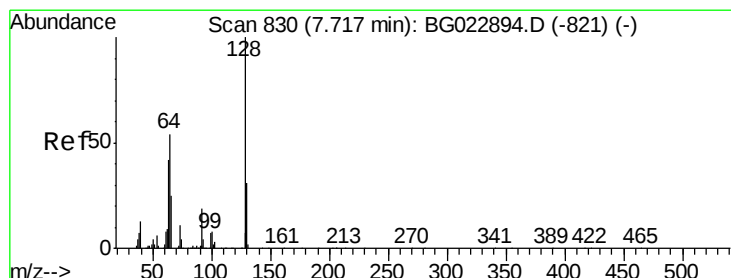
Tgt Ion: 128 Resp: 187927

Ion Ratio Lower Upper

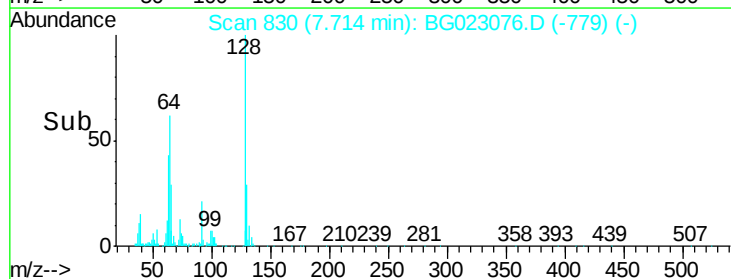
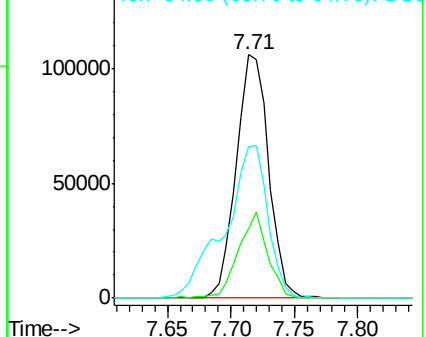
128 100

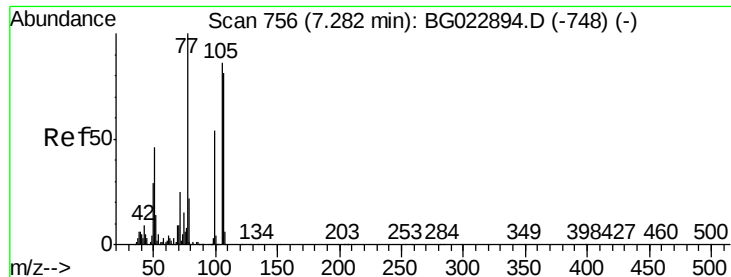
130 28.6 12.9 52.9

64 62.1 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: 17.13 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

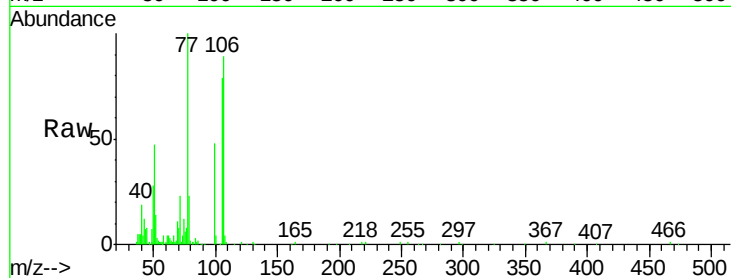
Tot Ion: 77 Resp: 107031

Ion Ratio Lower Upper

77 100

105 78.9 58.7 98.7

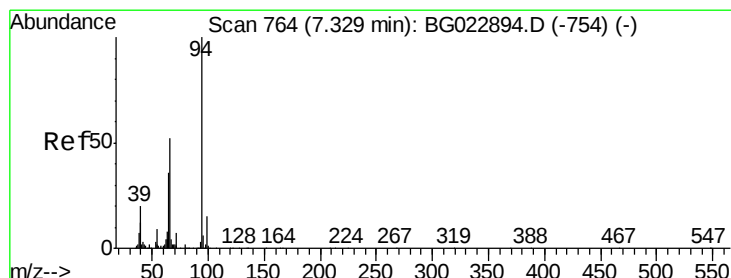
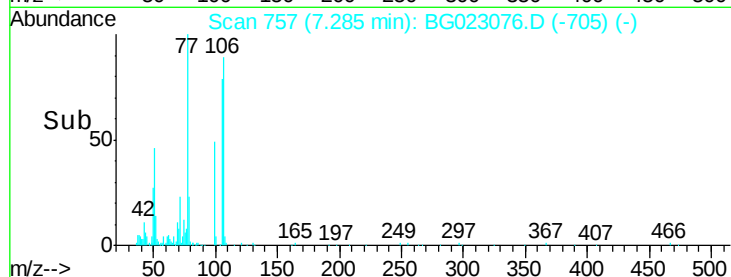
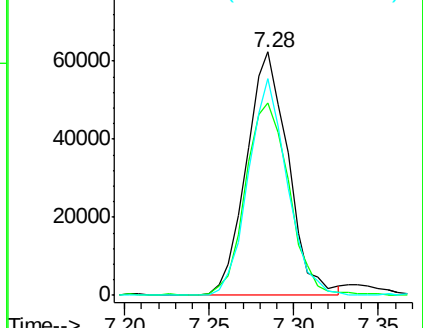
106 89.0 67.5 107.5



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: 31.52 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

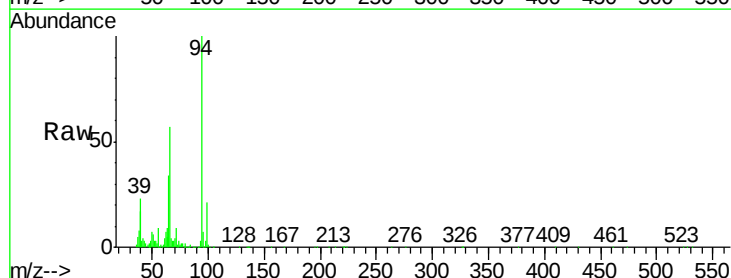
Tgt Ion: 94 Resp: 303264

Ion Ratio Lower Upper

94 100

65 34.3 18.1 58.1

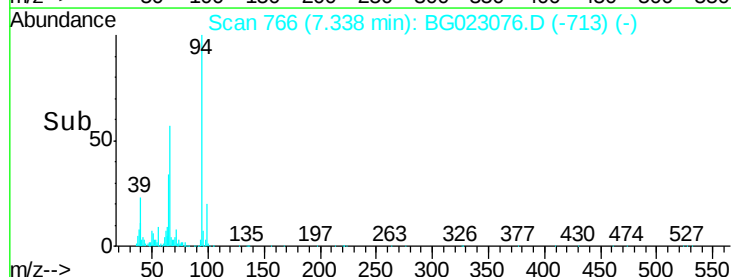
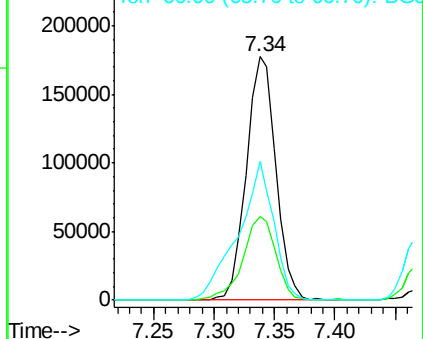
66 56.9 42.1 82.1

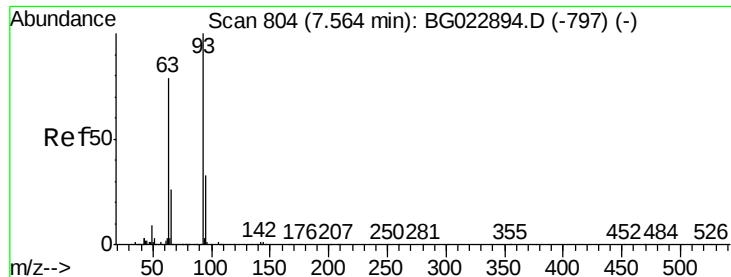


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

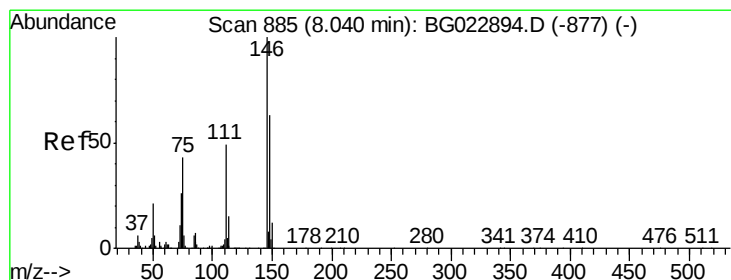
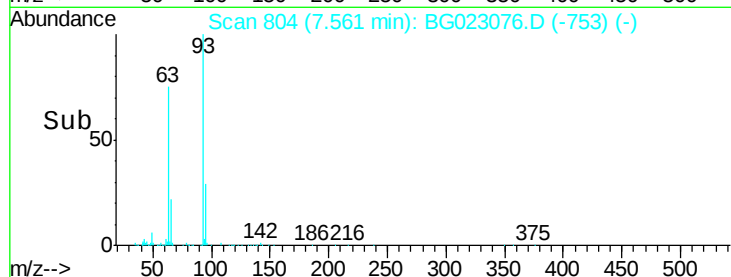
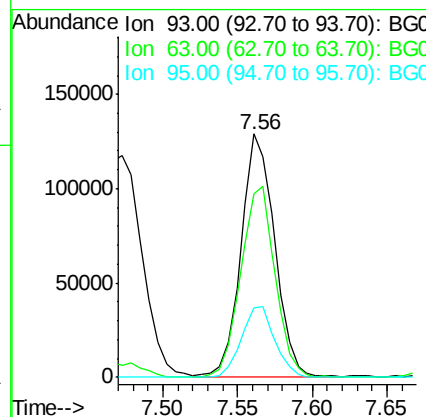
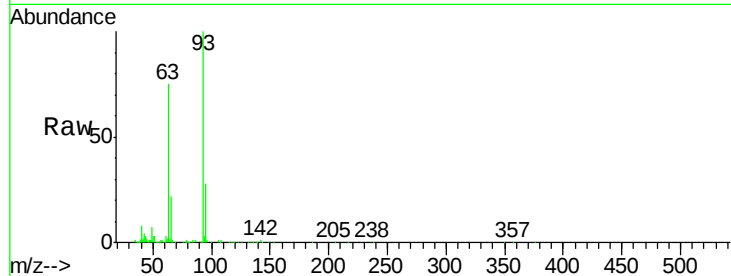




#11
bis(2-Chloroethyl)ether
Concen: 26.29 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

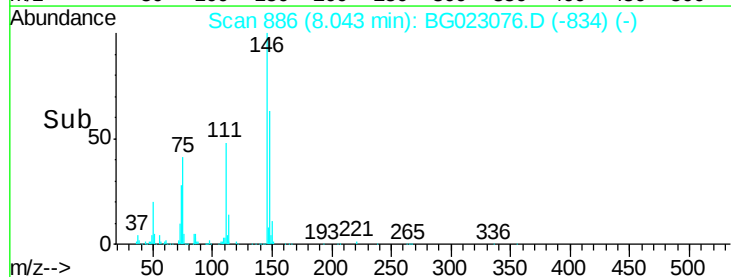
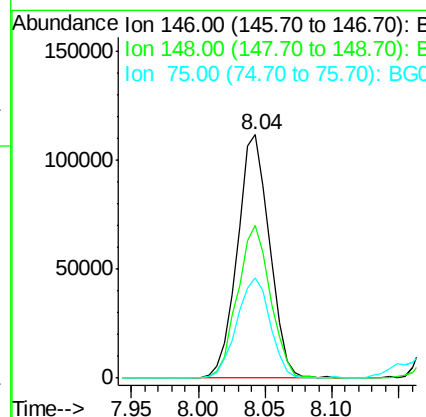
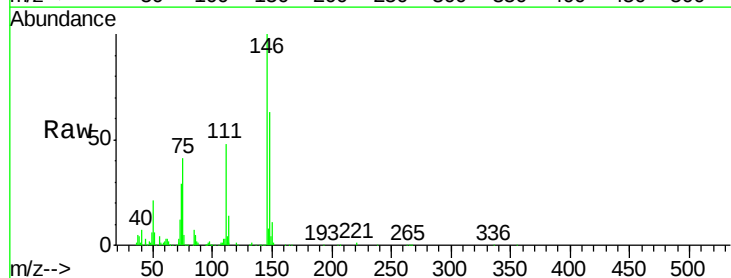
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

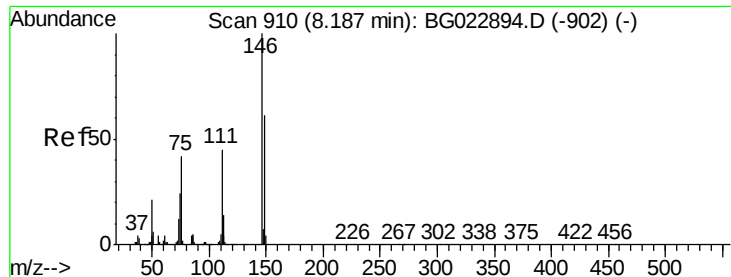
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.0	95.0
95	28.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 23.97 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
75	41.4	37.0	55.6

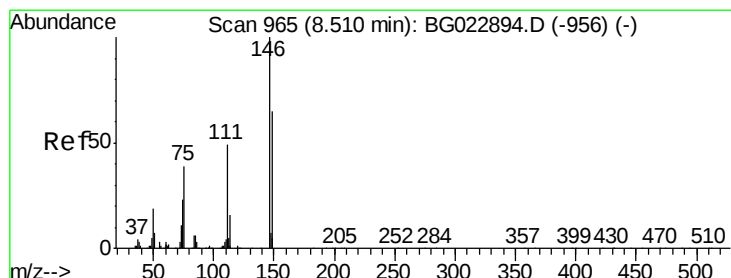
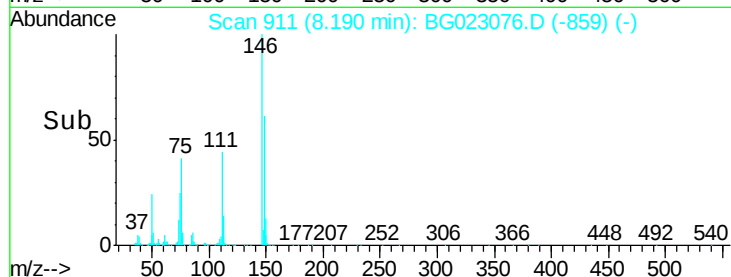
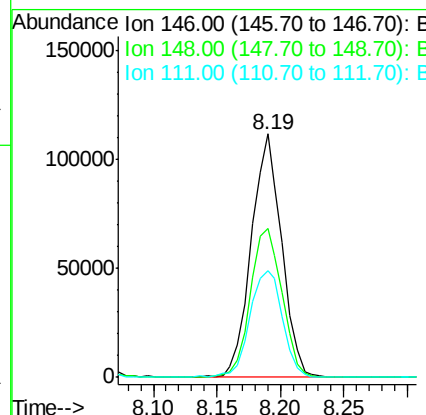
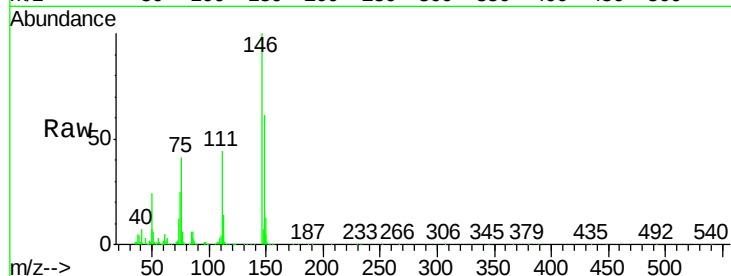




#13
 1,4-Dichlorobenzene
 Concen: 23.95 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

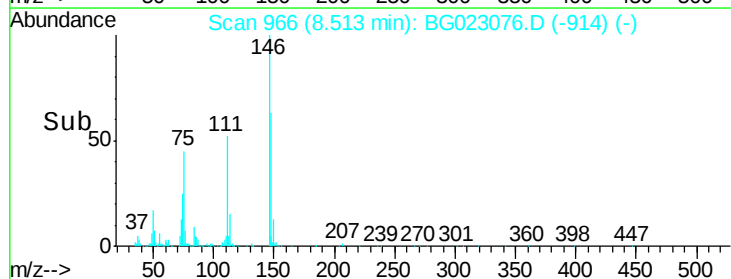
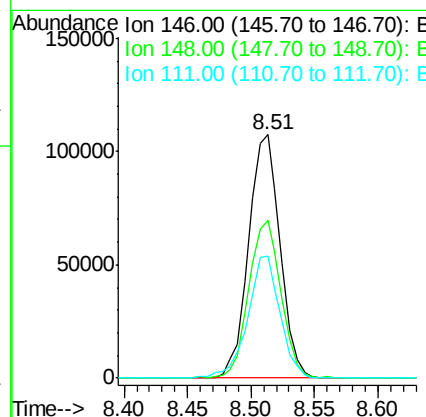
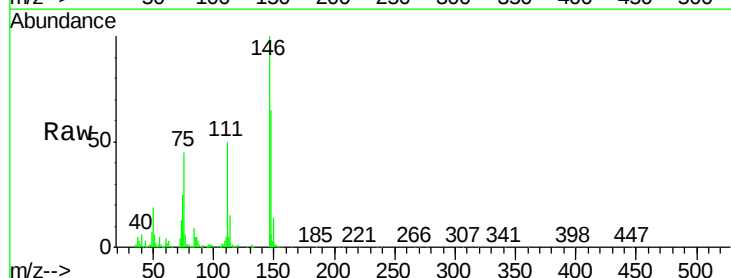
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMS

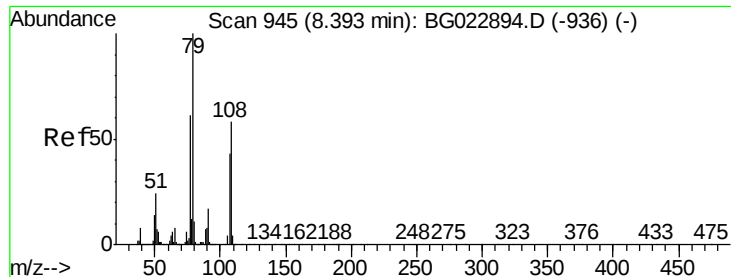
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	54.5	81.7
111	44.1	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 23.97 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.9	79.3
111	50.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 30.27 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

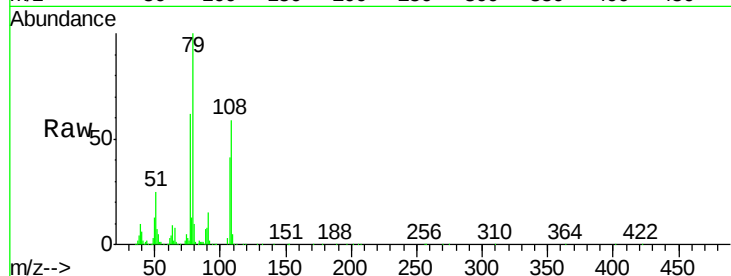
Tot Ion: 79 Resp: 259274

Ion Ratio Lower Upper

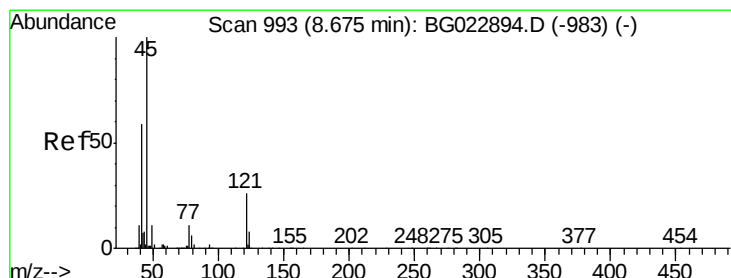
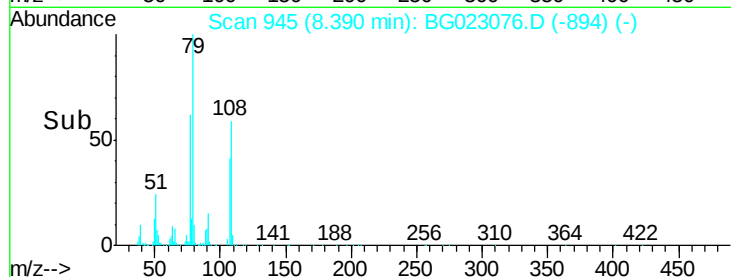
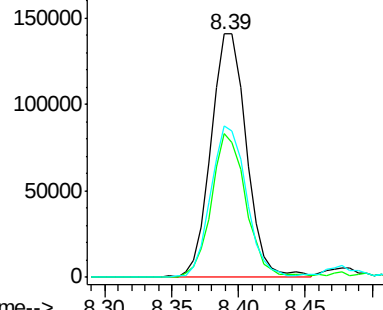
79 100

108 58.8 46.5 69.7

77 62.4 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: 26.03 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

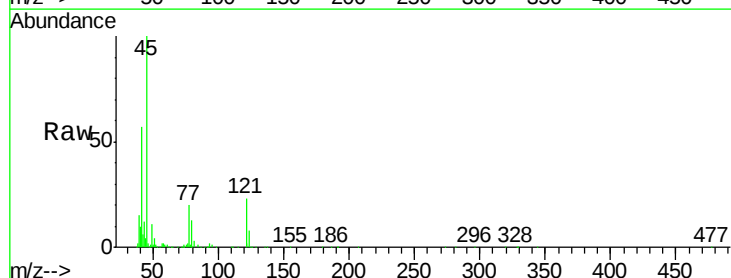
Tgt Ion: 45 Resp: 242451

Ion Ratio Lower Upper

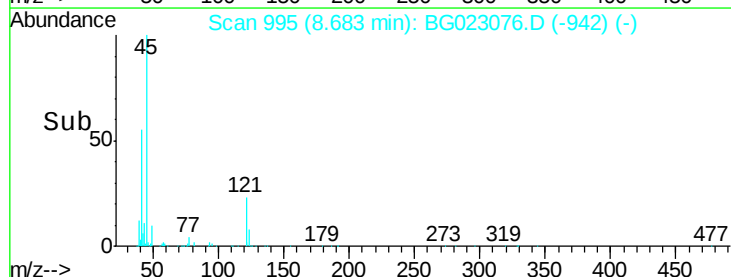
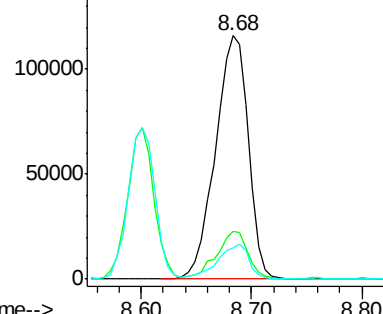
45 100

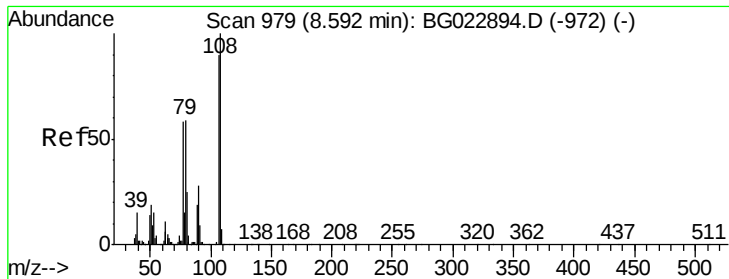
77 19.6 0.6 40.6

79 13.0 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

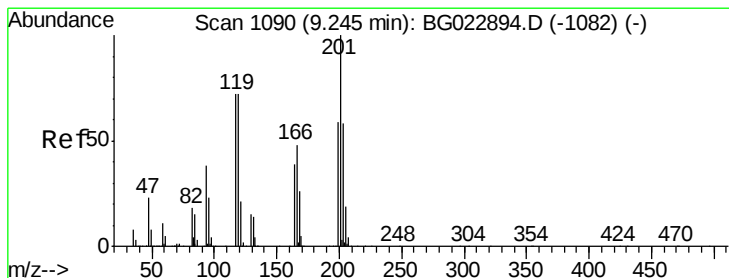
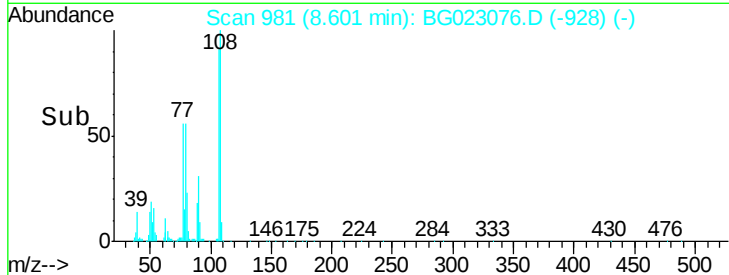
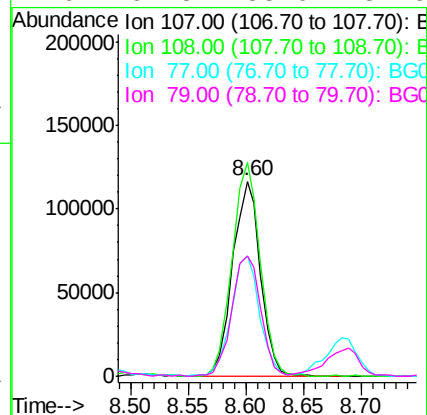
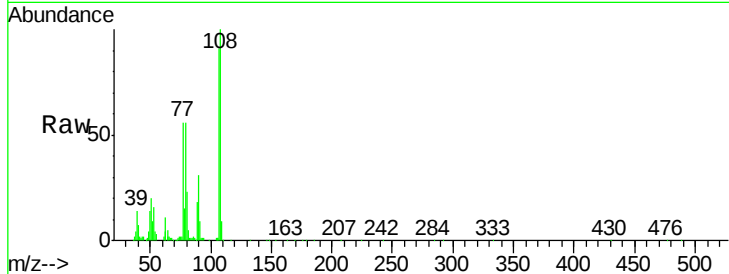




#17
2-Methylphenol
Concen: 31.00 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

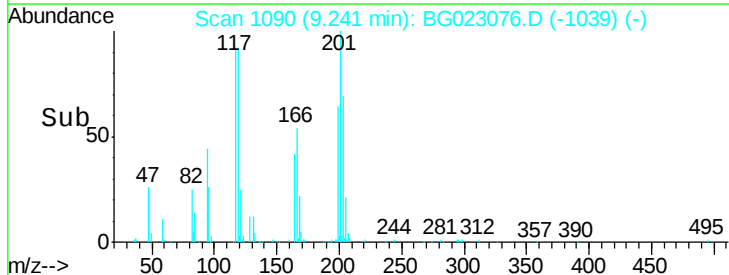
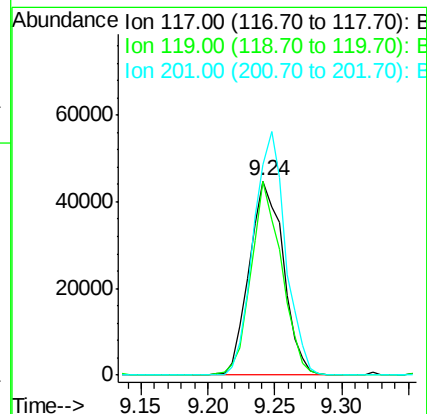
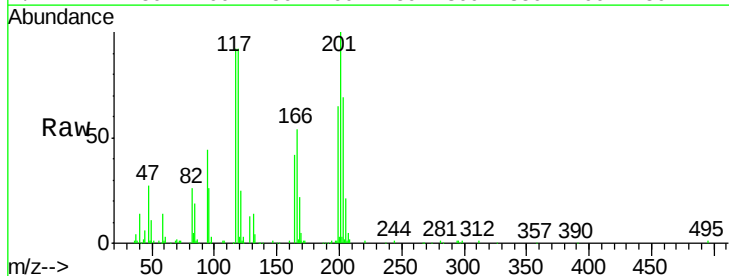
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

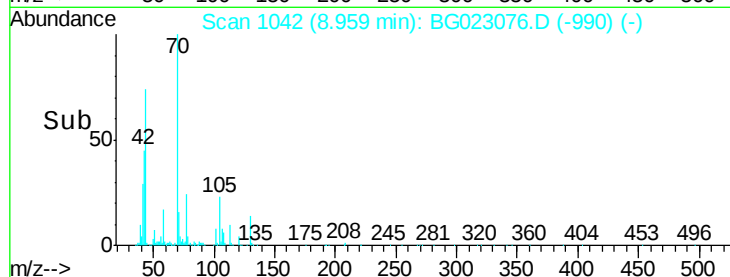
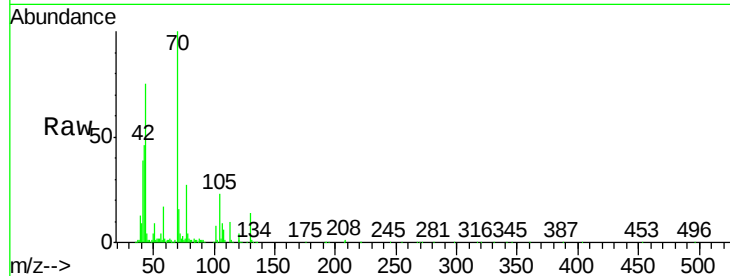
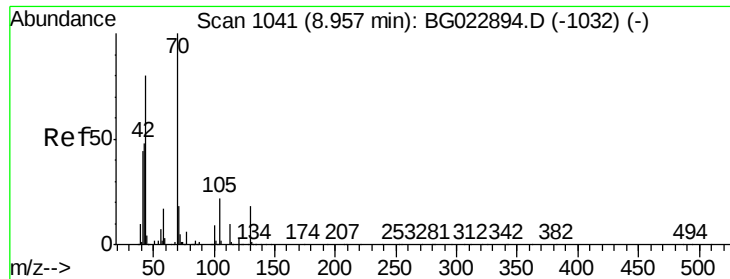
Tot Ion:	107	Resp:	194130
Ion	Ratio	Lower	Upper
107	100		
108	109.7	92.0	138.0
77	61.9	55.8	83.6
79	61.8	55.0	82.6



#18
Hexachloroethane
Concen: 23.95 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:	117	Resp:	78714
Ion	Ratio	Lower	Upper
117	100		
119	100.3	73.7	110.5
201	108.8	88.7	133.1





#19

n-Nitroso-di-n-propylamine

Concen: 26.06 ng

RT: 8.96 min Scan# 1042

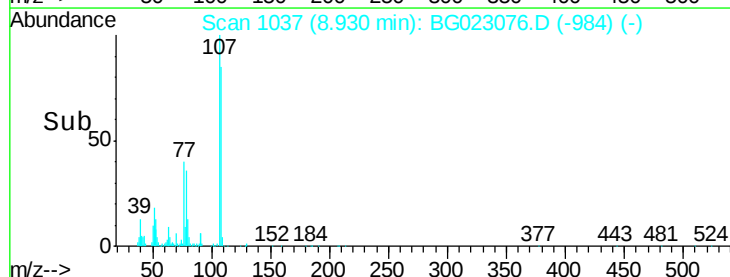
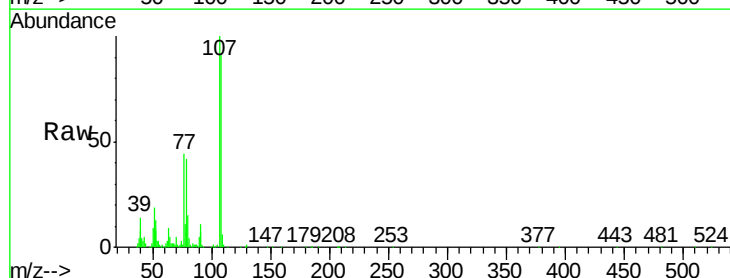
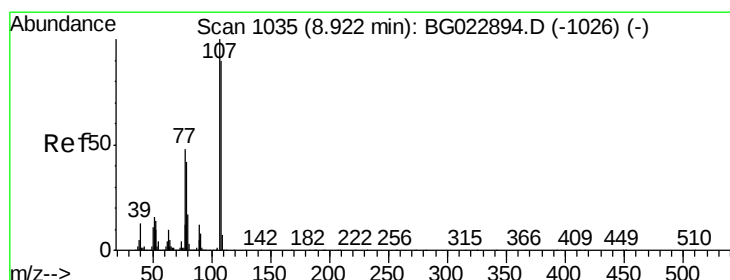
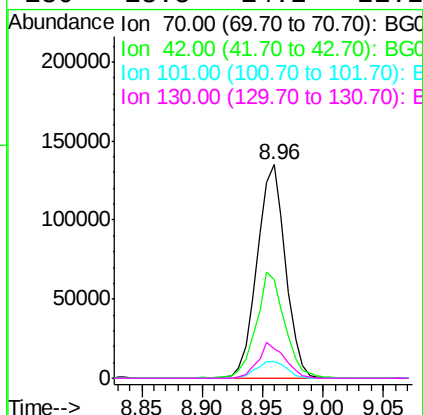
Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

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

Tot Ion:	70	Resp:	219702
Ion	Ratio	Lower	Upper
70	100		
42	45.9	42.1	63.1
101	8.0	7.2	10.8
130	13.5	14.2	21.2#



#20

3+4-Methylphenols

Concen: 30.64 ng

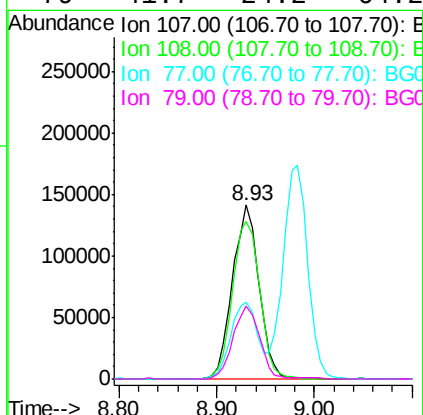
RT: 8.93 min Scan# 1037

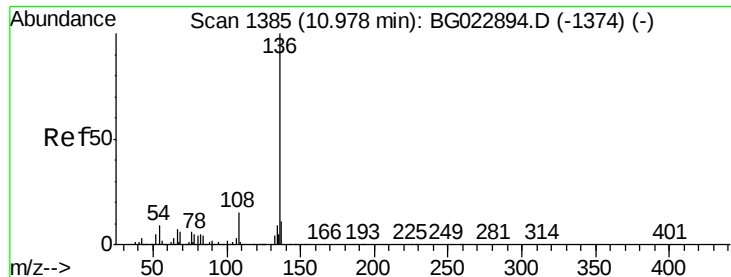
Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:	107	Resp:	267592
Ion	Ratio	Lower	Upper
107	100		
108	90.6	72.5	112.5
77	44.2	30.1	70.1
79	41.7	24.2	64.2

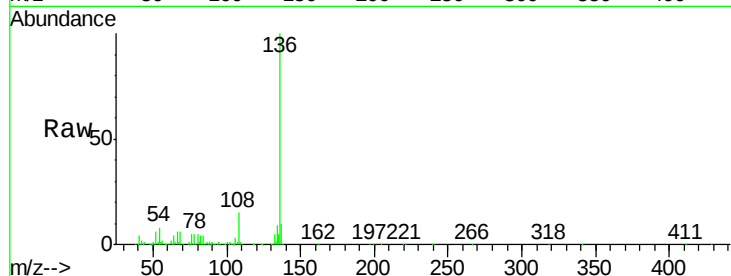




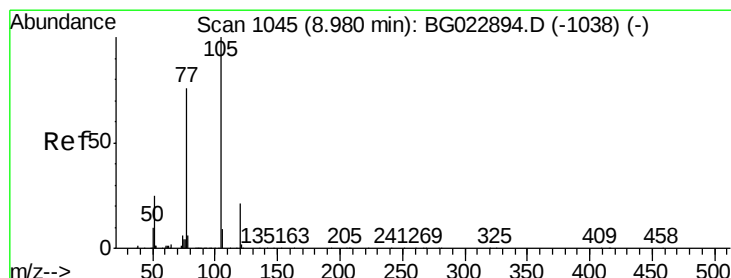
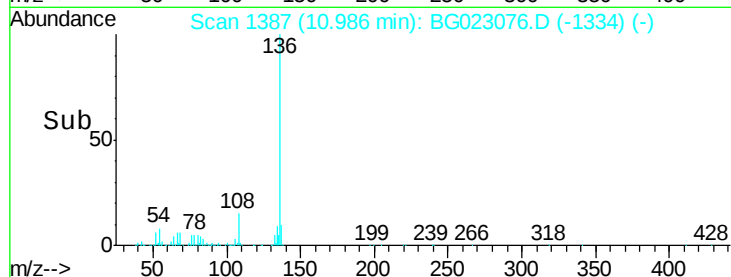
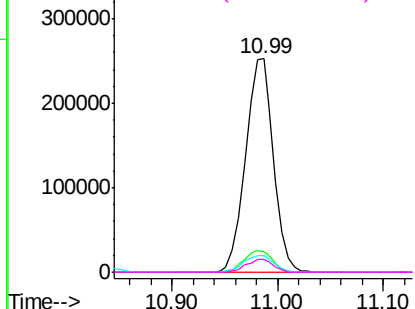
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

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

Tot Ion:136	Resp:	461359
Ion	Ratio	Lower Upper
136	100	
137	9.9	9.6 14.4
54	7.8	7.3 10.9
68	5.9	5.3 7.9

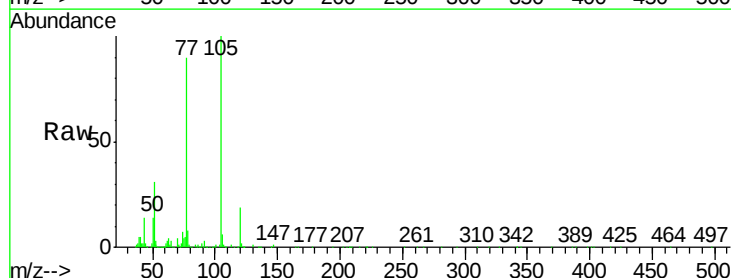


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

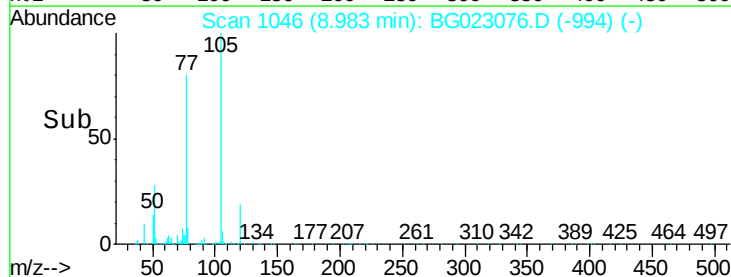
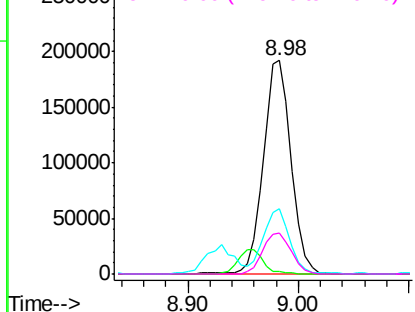


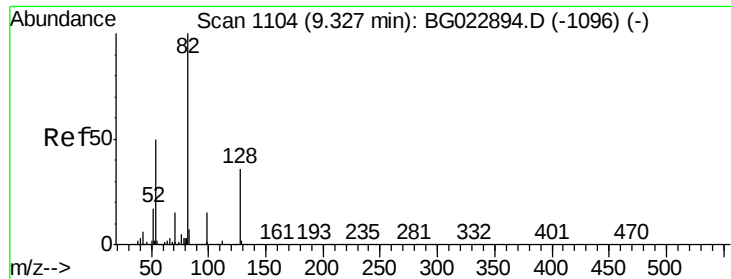
#22
Acetophenone
Concen: 24.22 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:105	Resp:	335413
Ion	Ratio	Lower Upper
105	100	
71	1.0	2.6 3.8#
51	30.6	27.1 40.7
120	19.0	15.1 22.7



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

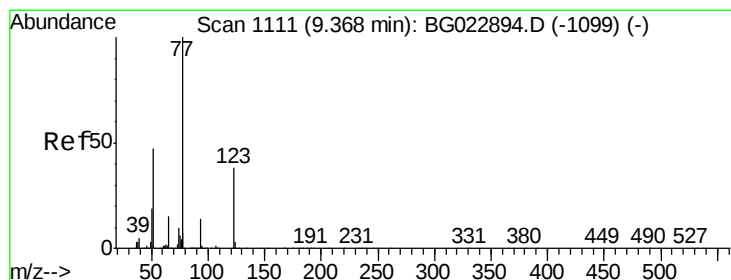
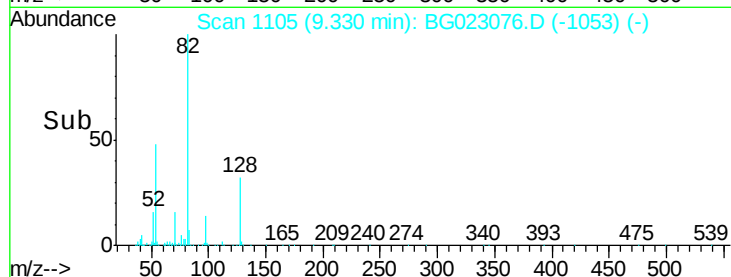
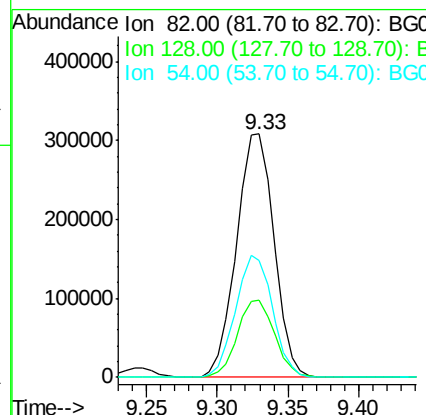
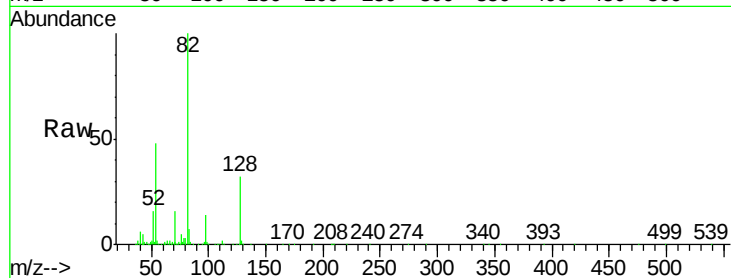




#23
 Nitrobenzene-d5
 Concen: 53.21 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

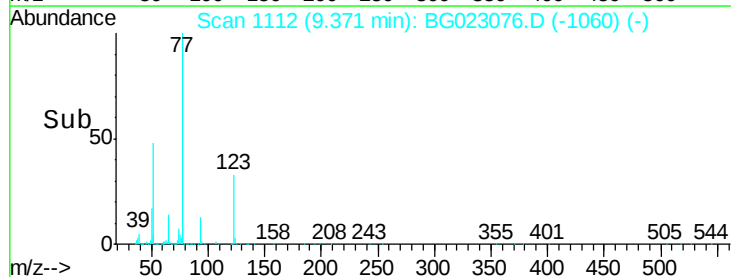
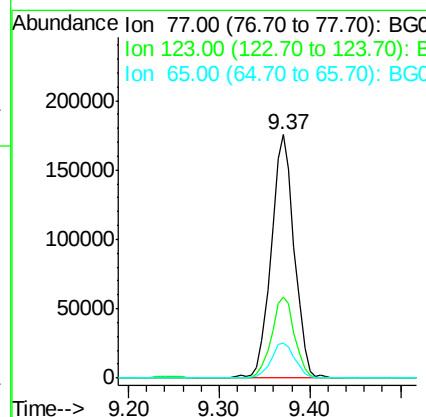
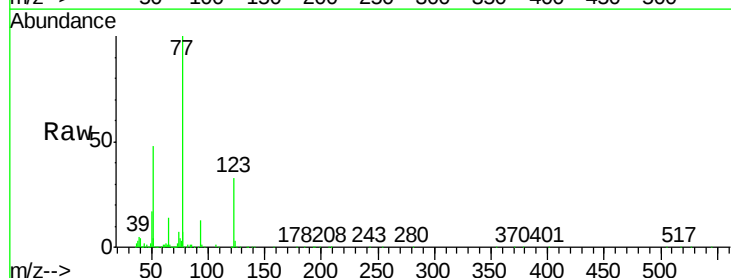
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMS

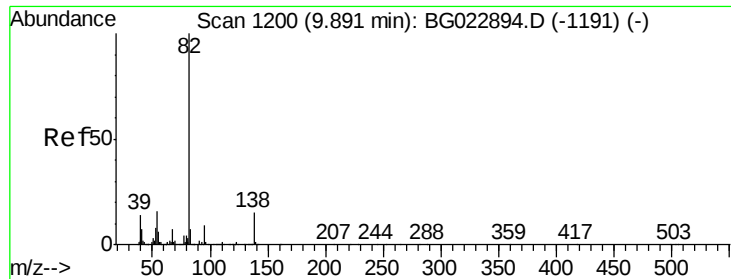
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.4	36.6
54	48.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 27.10 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.0	37.6
65	14.3	13.4	20.0

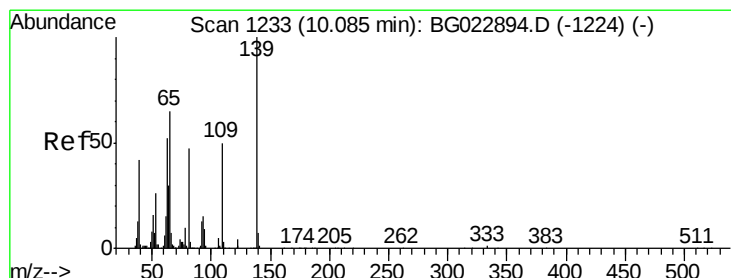
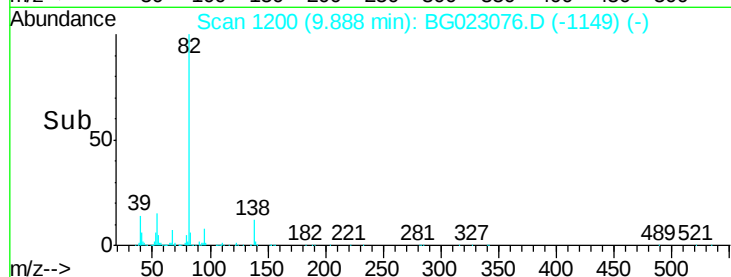
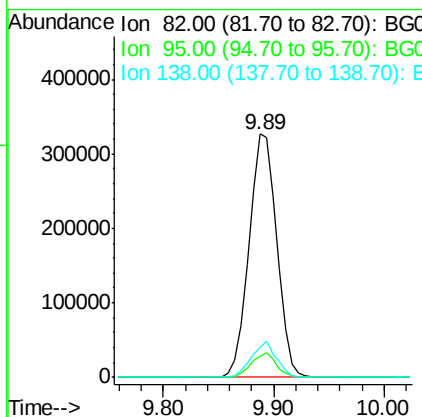
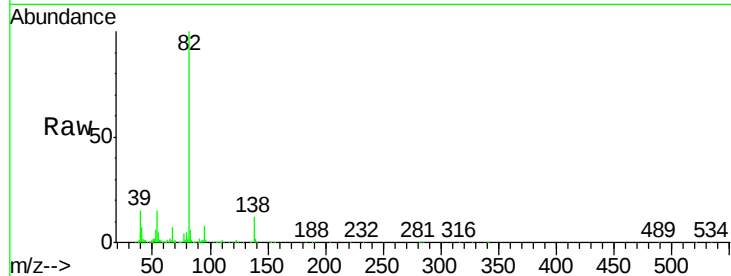




#25
Isophorone
Concen: 26.64 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

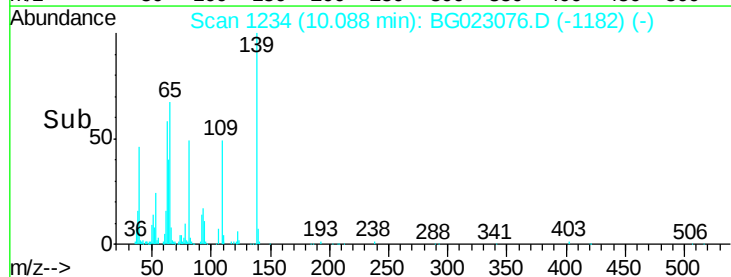
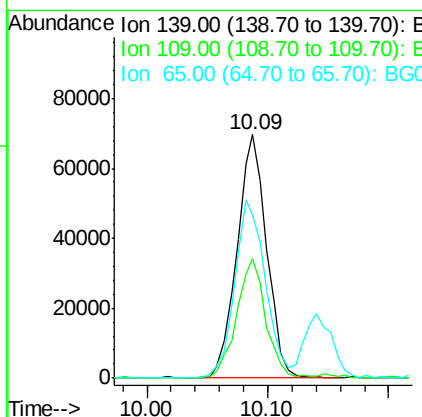
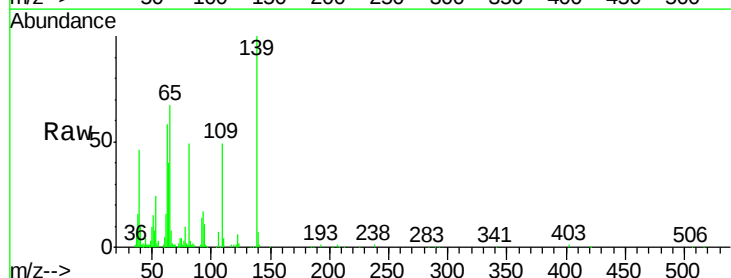
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

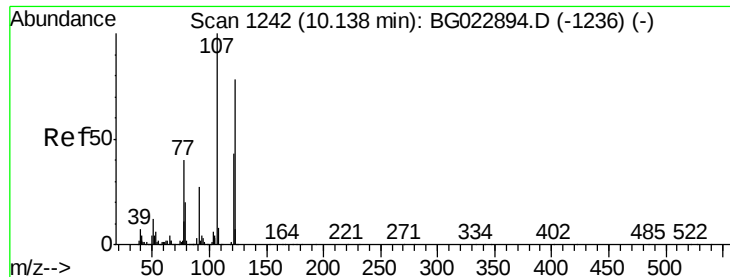
Tot Ion: 82 Resp: 577228
Ion Ratio Lower Upper
82 100
95 8.5 8.2 12.2
138 12.3 10.7 16.1



#26
2-Nitrophenol
Concen: 26.48 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion: 139 Resp: 118951
Ion Ratio Lower Upper
139 100
109 49.2 43.5 65.3
65 66.8 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 25.91 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

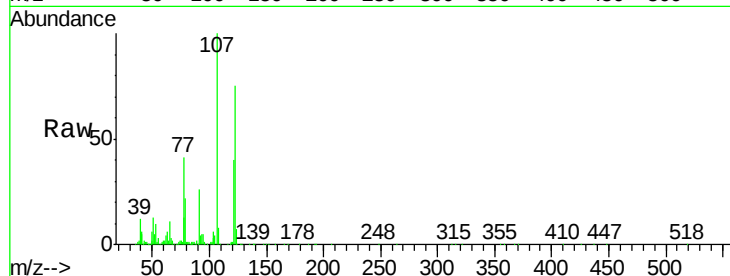
Tot Ion:122 Resp: 201200

Ion Ratio Lower Upper

122 100

107 132.8 117.0 175.4

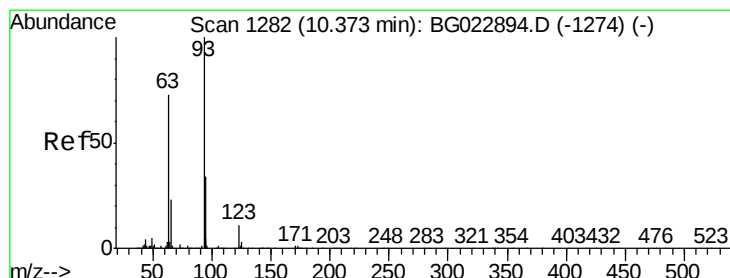
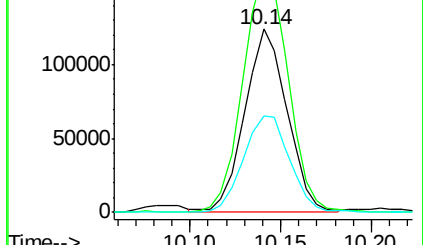
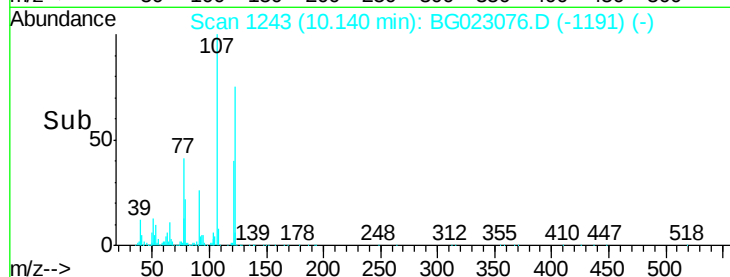
121 52.6 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.87 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

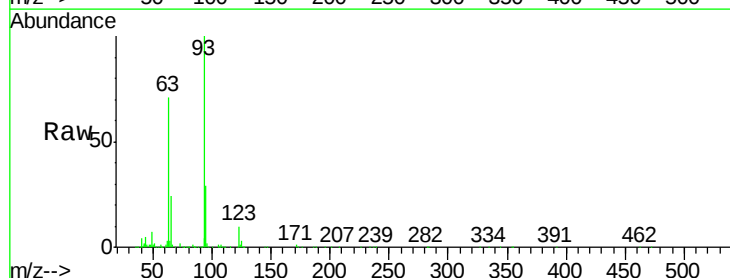
Tgt Ion: 93 Resp: 324773

Ion Ratio Lower Upper

93 100

95 28.6 25.4 38.2

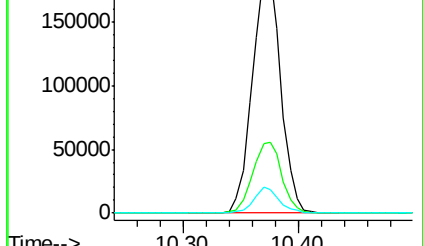
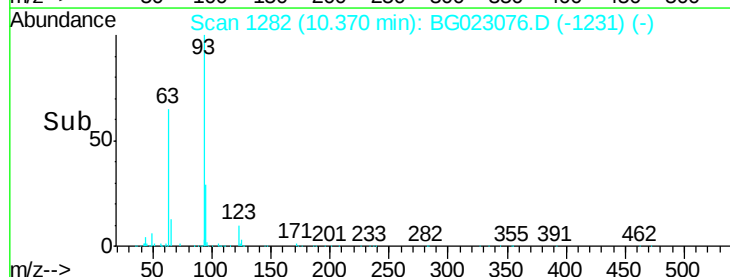
123 10.5 8.2 12.2

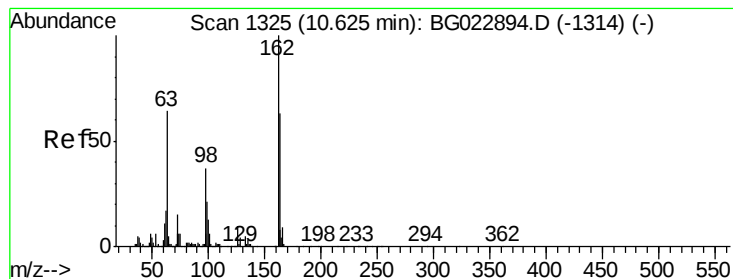


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 28.86 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

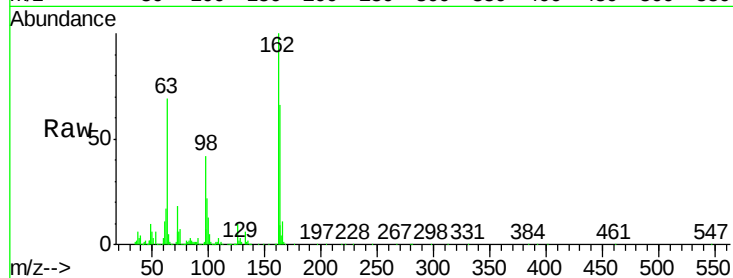
Tot Ion:162 Resp: 239052

Ion Ratio Lower Upper

162 100

164 66.0 44.3 84.3

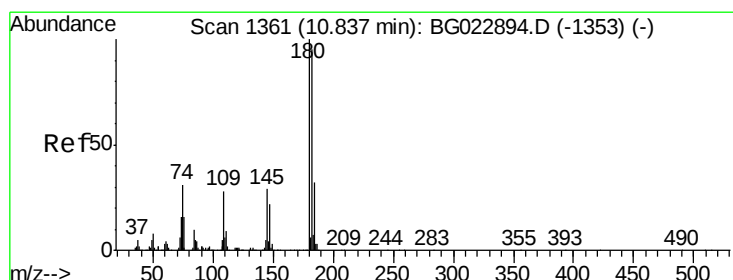
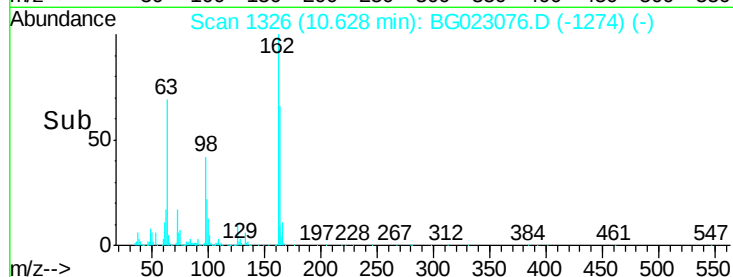
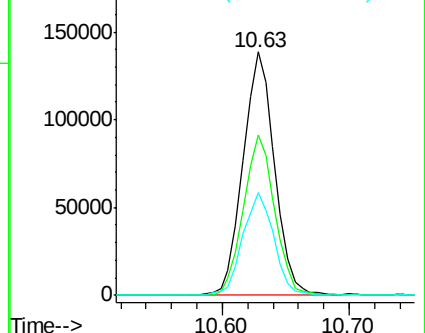
98 42.1 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 24.56 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

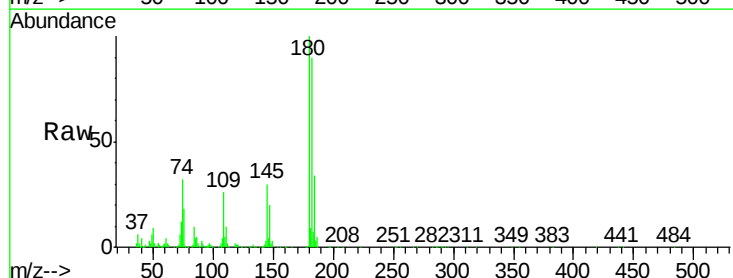
Tgt Ion:180 Resp: 233068

Ion Ratio Lower Upper

180 100

182 89.9 73.8 110.8

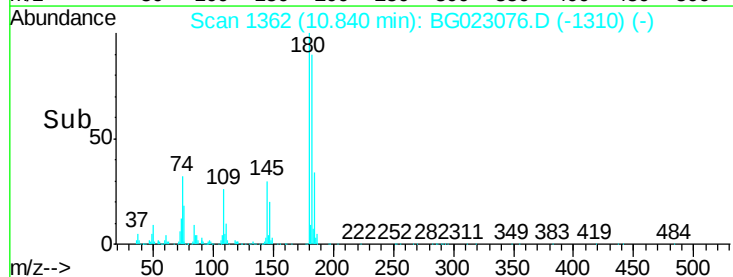
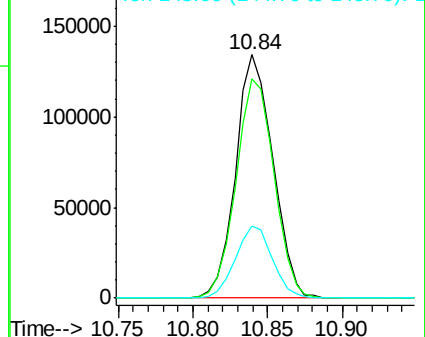
145 29.6 24.4 36.6

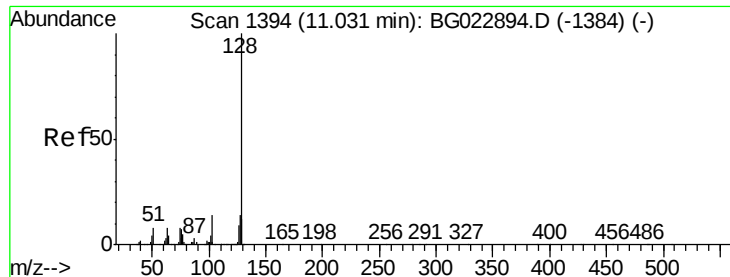


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.66 ng

RT: 11.03 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

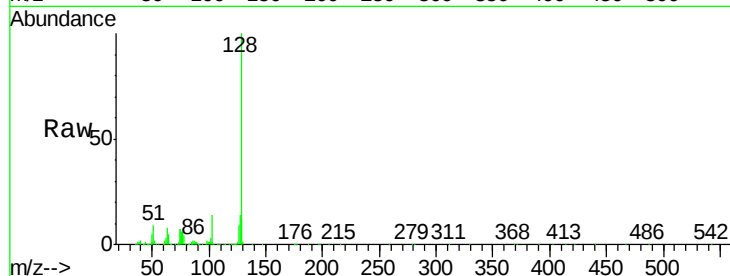
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:128 Resp: 602597

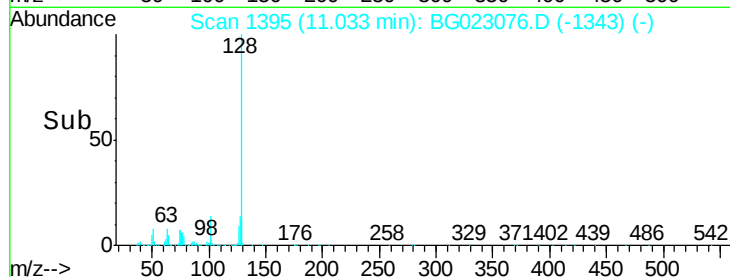
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.0	11.3	16.9



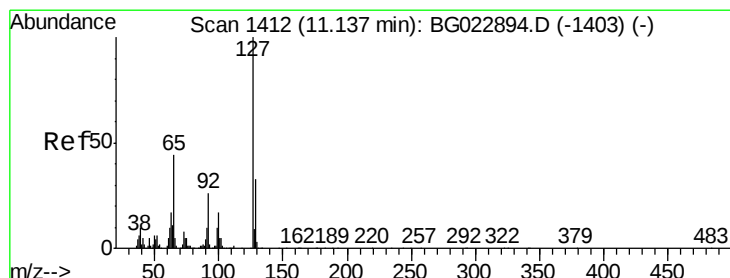
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#33

4-Chloroaniline

Concen: 15.11 ng

RT: 11.15 min Scan# 1414

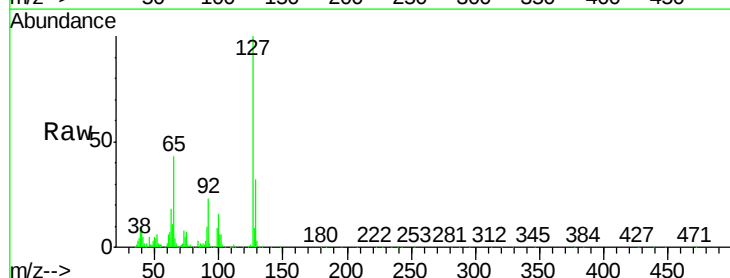
Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:127 Resp: 173546

Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.9	41.9
65	42.8	36.8	55.2
92	23.3	21.0	31.6

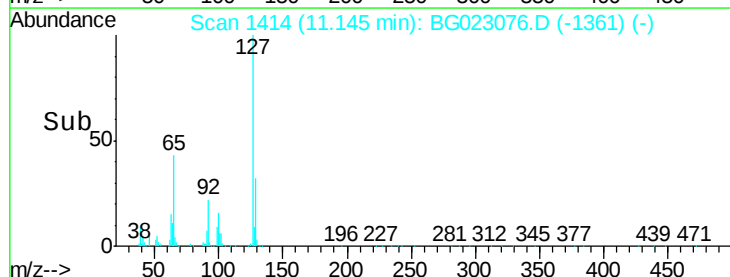


Abundance Ion 127.00 (126.70 to 127.70): E

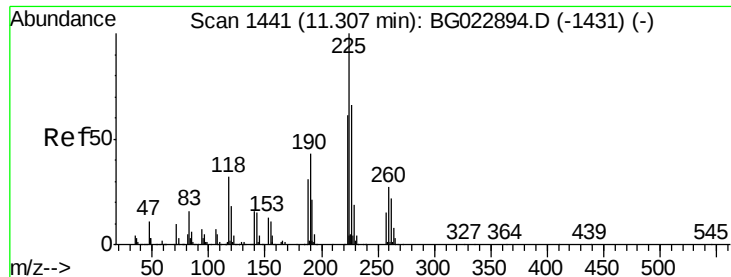
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



Time-->



#34

Hexachlorobutadiene

Concen: 22.92 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

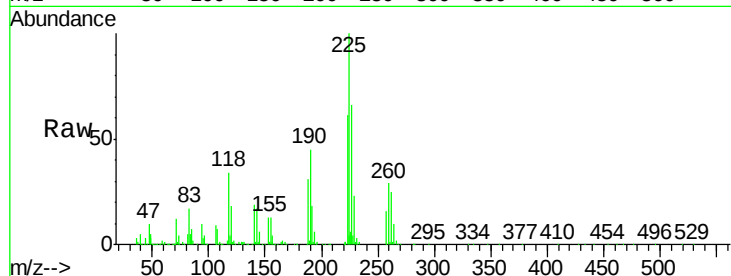
Tot Ion:225 Resp: 176372

Ion Ratio Lower Upper

225 100

223 61.4 49.6 74.4

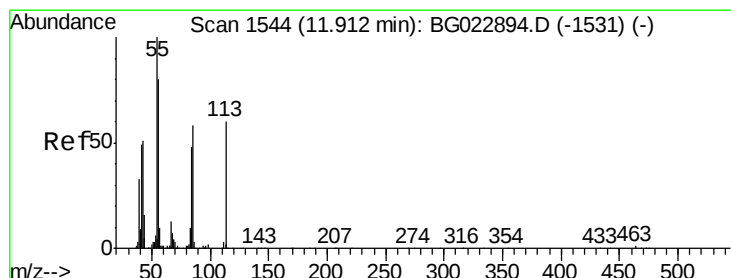
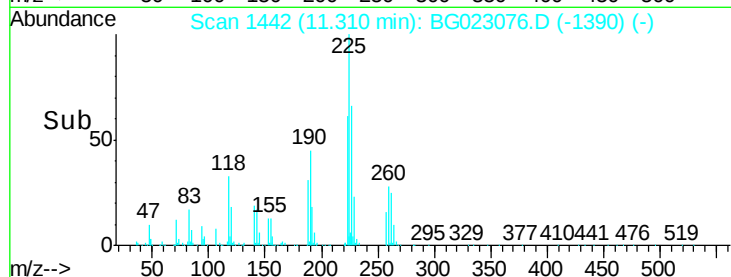
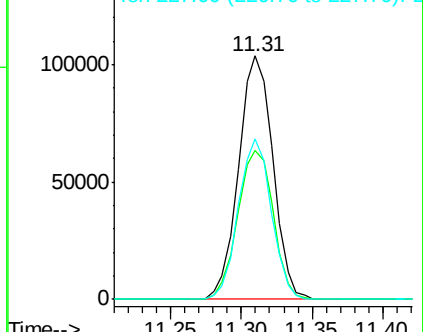
227 65.7 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 22.88 ng

RT: 11.91 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

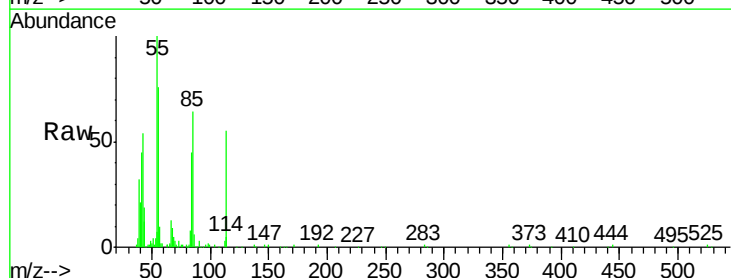
Tgt Ion:113 Resp: 77970

Ion Ratio Lower Upper

113 100

55 180.7 154.5 194.5

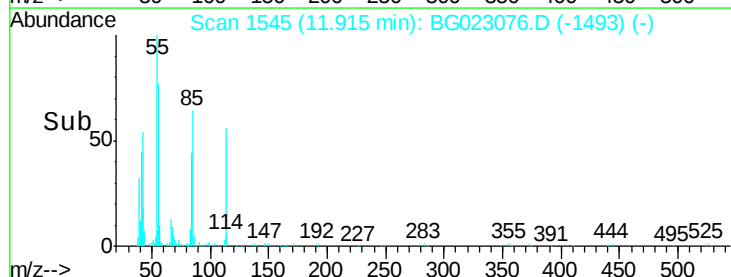
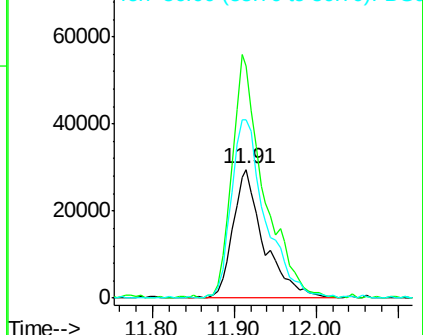
56 138.3 125.1 165.1

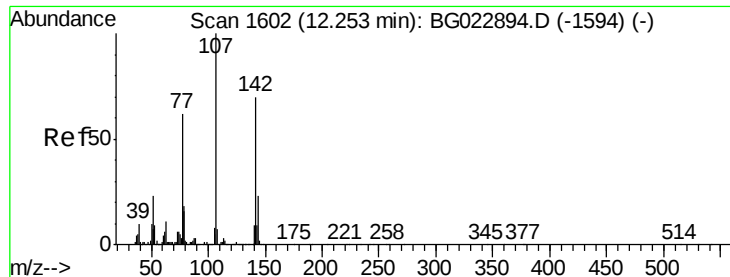


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

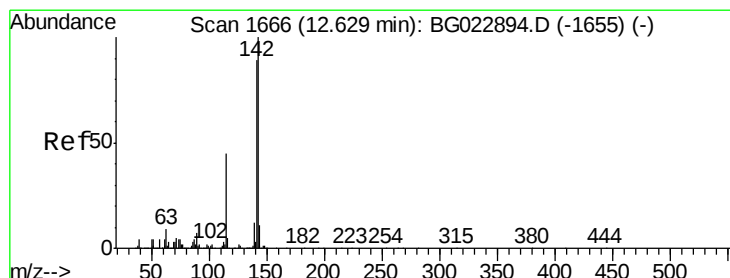
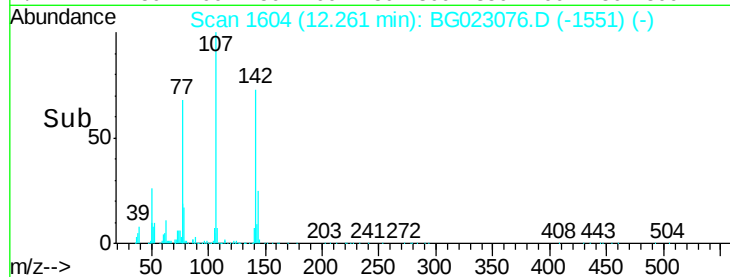
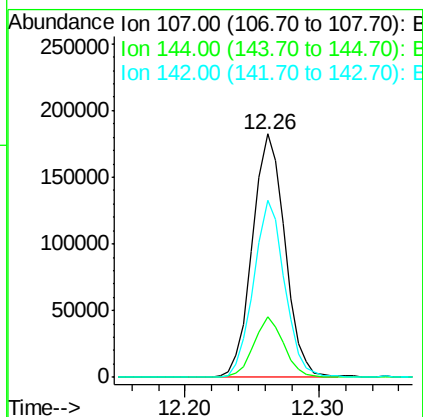
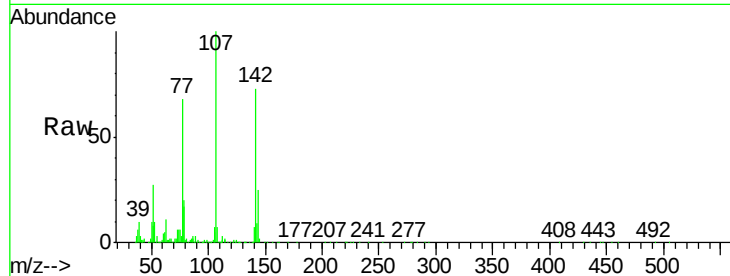




#36
4-Chloro-3-methylphenol
Concen: 27.07 ng
RT: 12.26 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

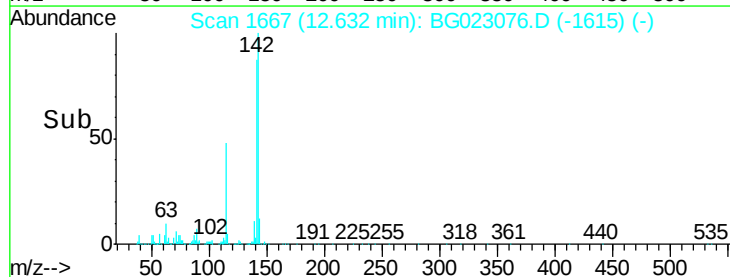
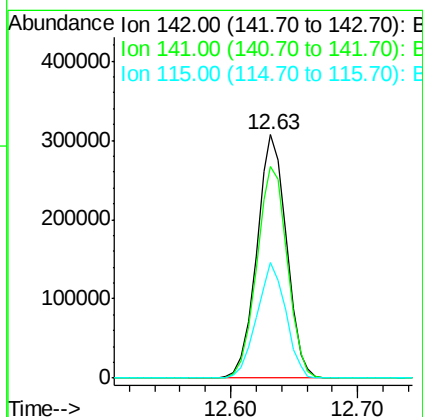
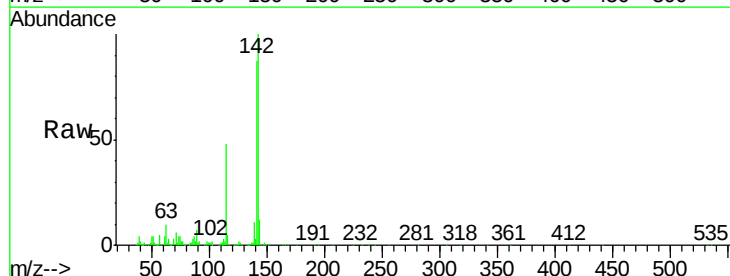
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

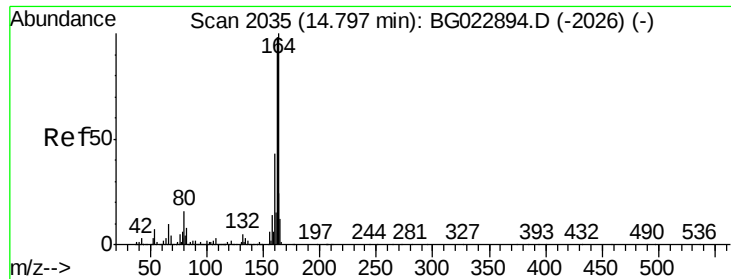
Tot Ion	Ratio	Lower	Upper
107	100		
144	24.9	17.0	25.6
142	72.7	53.0	79.6



#37
2-Methylnaphthalene
Concen: 26.95 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.2	105.2
115	47.7	41.7	62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

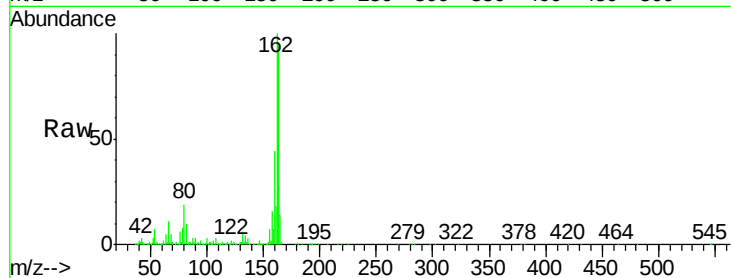
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:164 Resp: 359727

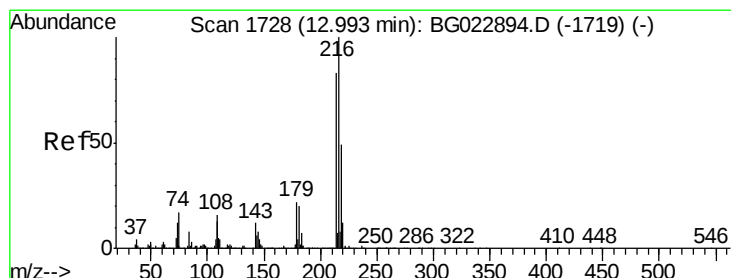
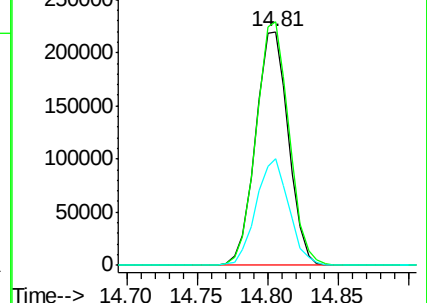
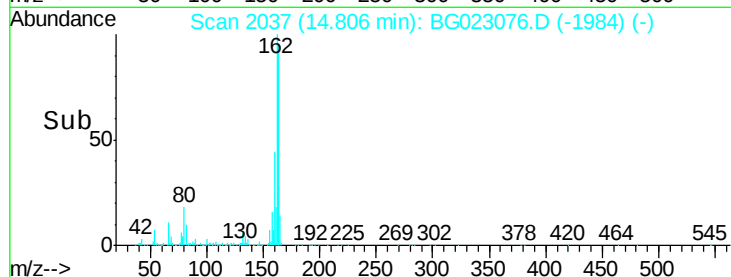
Ion	Ratio	Lower	Upper
164	100		
162	104.1	87.7	131.5
160	45.6	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.09 ng

RT: 13.00 min Scan# 1729

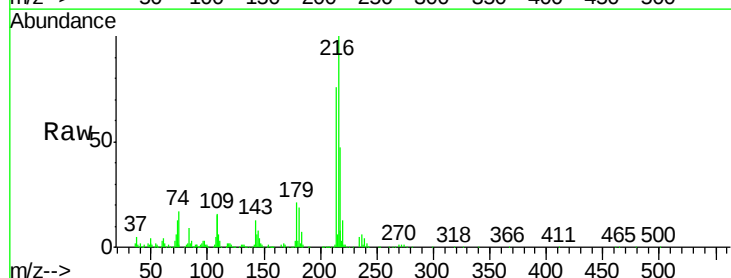
Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:216 Resp: 327009

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.9	94.3
179	21.1	17.2	25.8
108	19.3	16.3	24.5

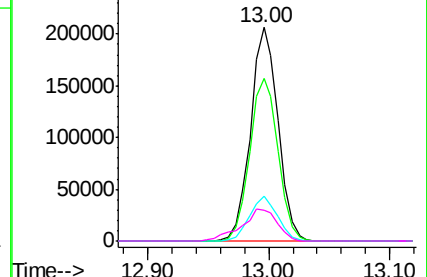
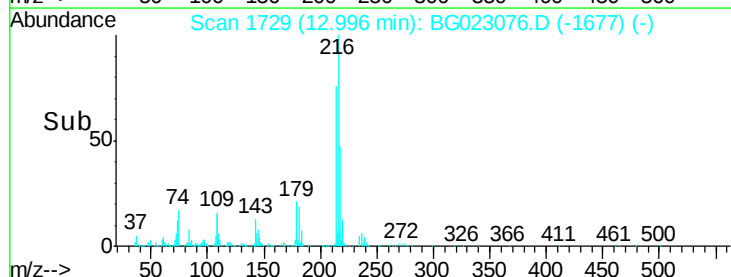


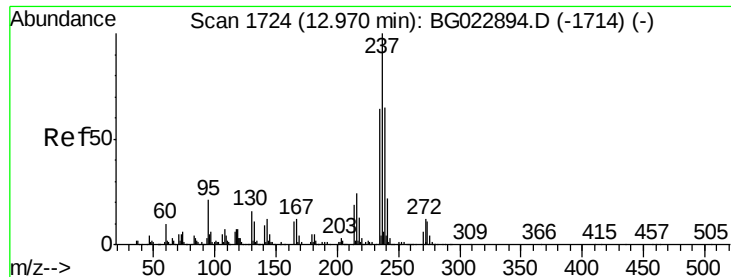
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 43.37 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

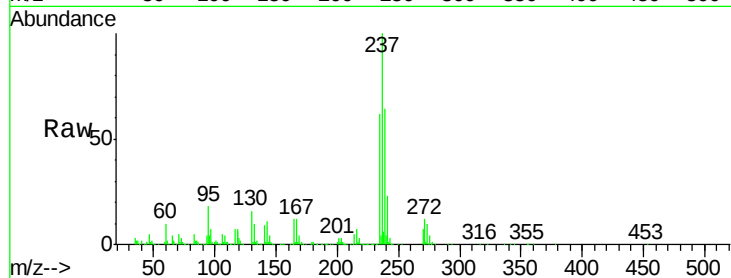
Tot Ion:237 Resp: 387055

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

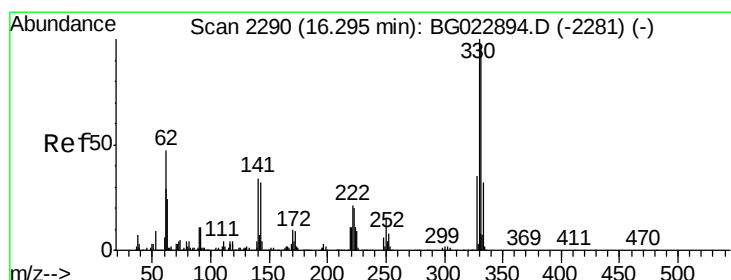
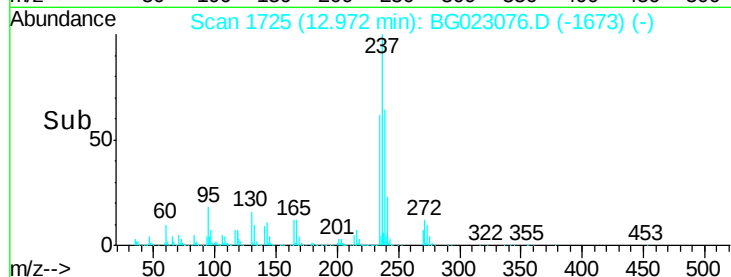
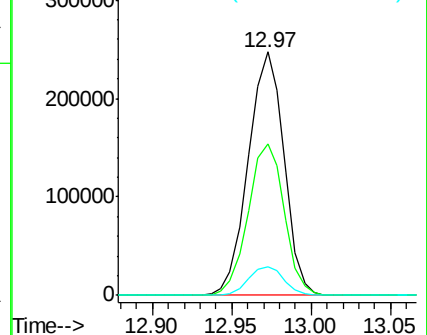
272 11.6 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 70.35 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

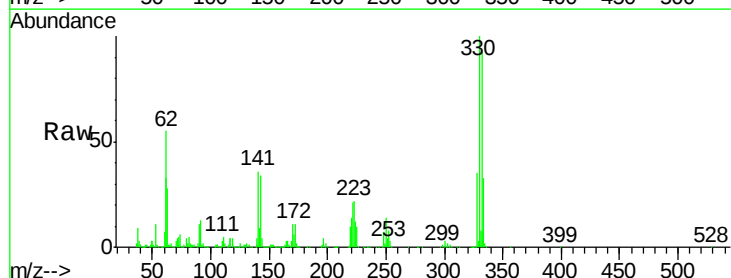
Tgt Ion:330 Resp: 454792

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

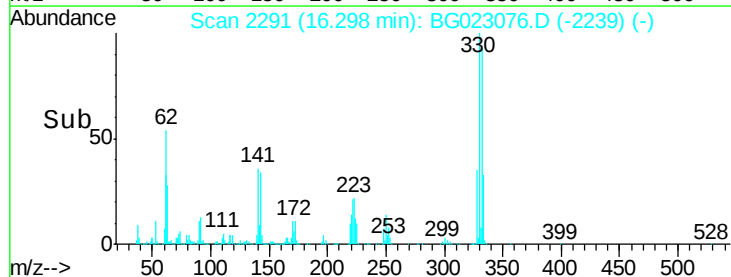
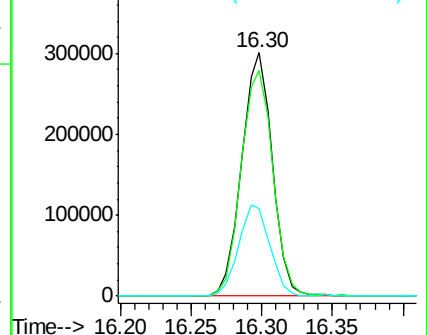
141 38.2 31.7 47.5

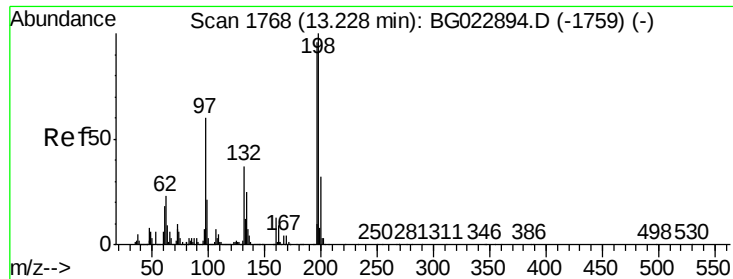


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

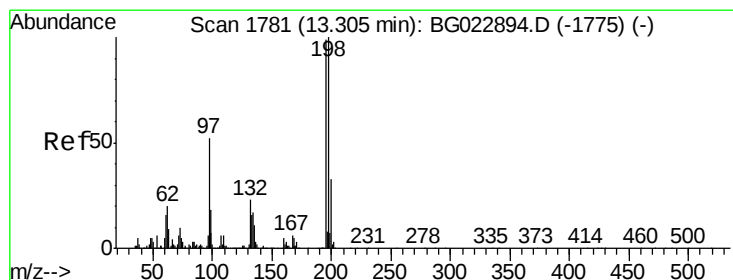
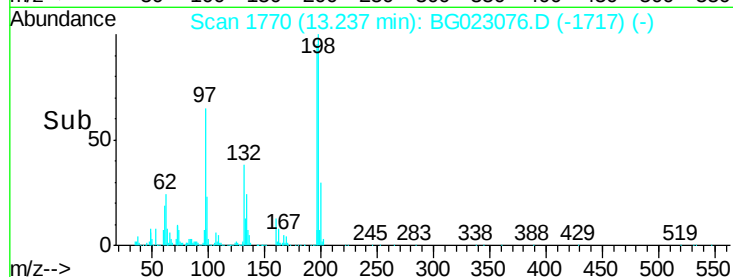
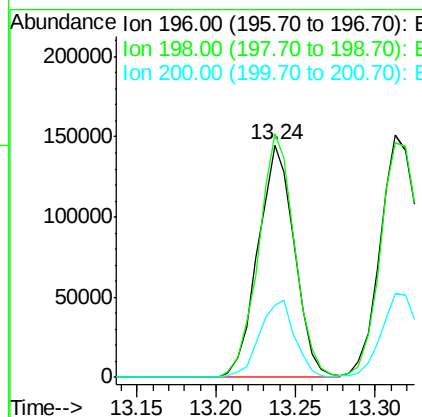
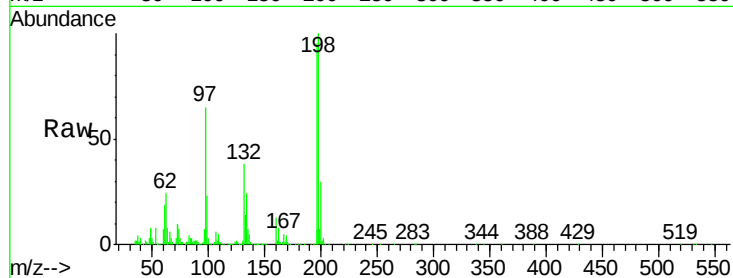




#42
 2,4,6-Trichlorophenol
 Concen: 26.08 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

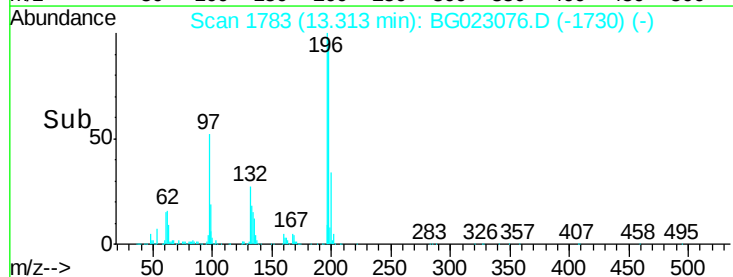
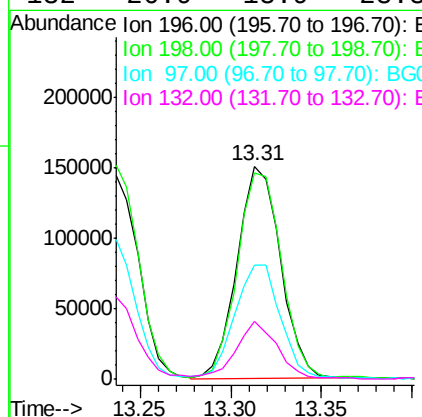
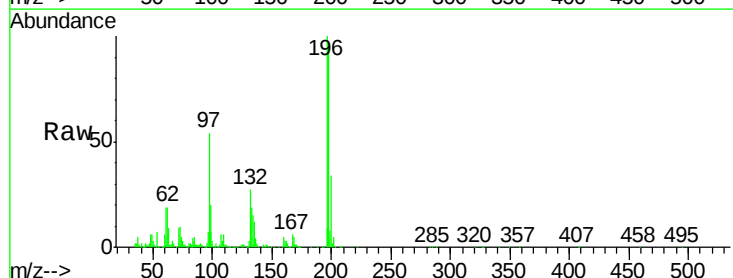
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMS

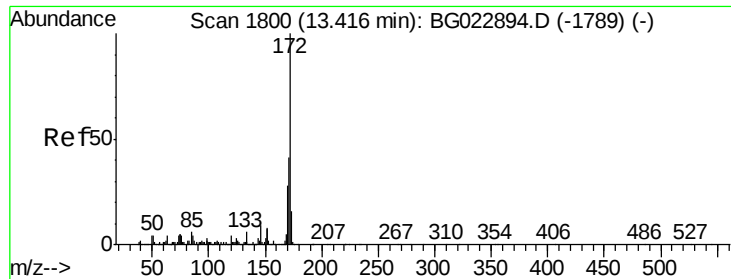
Tot Ion:196 Resp: 232409
 Ion Ratio Lower Upper
 196 100
 198 104.7 78.2 117.2
 200 31.1 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 27.43 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

Tgt Ion:196 Resp: 250979
 Ion Ratio Lower Upper
 196 100
 198 96.7 85.7 128.5
 97 53.6 45.5 68.3
 132 26.9 18.9 28.3

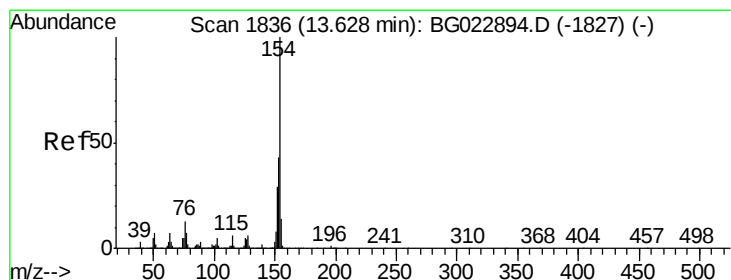
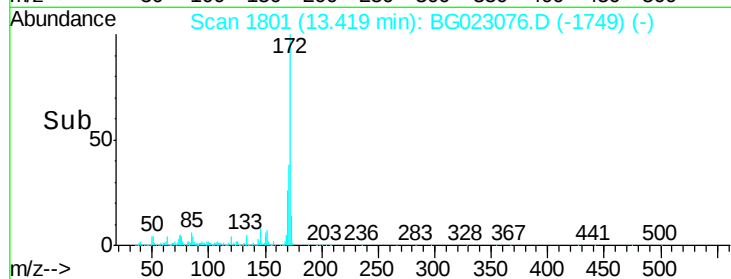
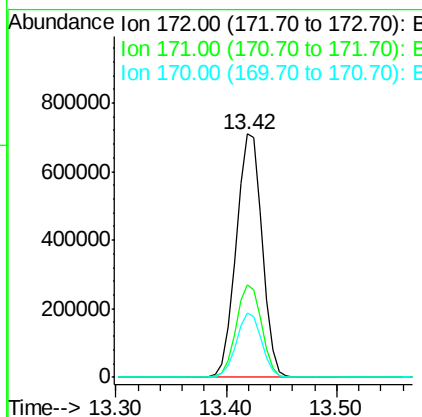
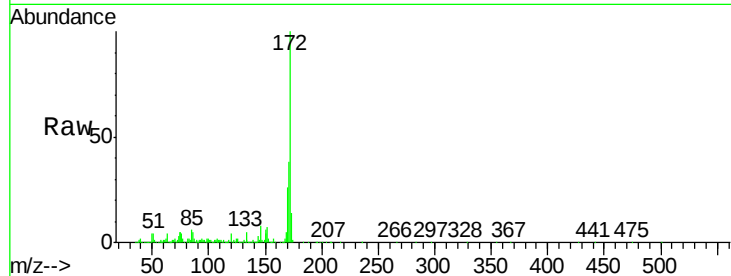




#44
2-Fluorobiphenyl
Concen: 51.24 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

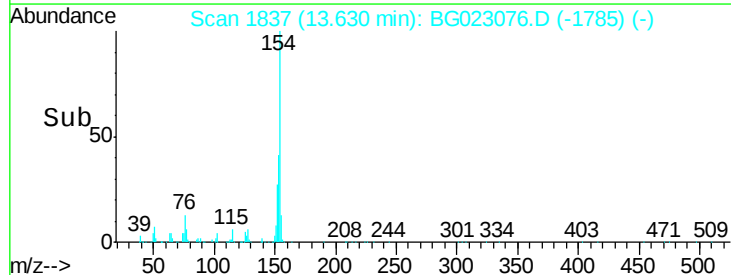
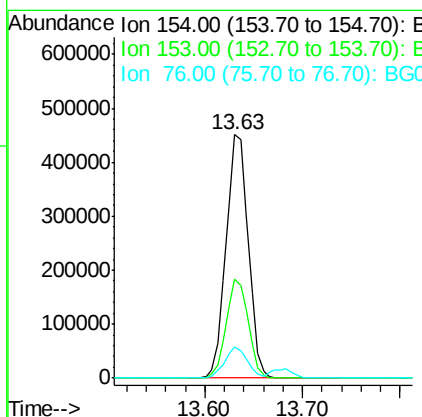
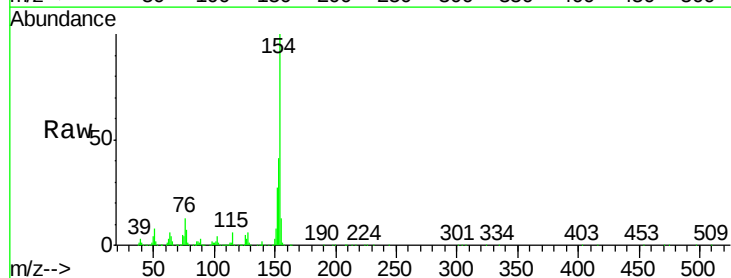
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

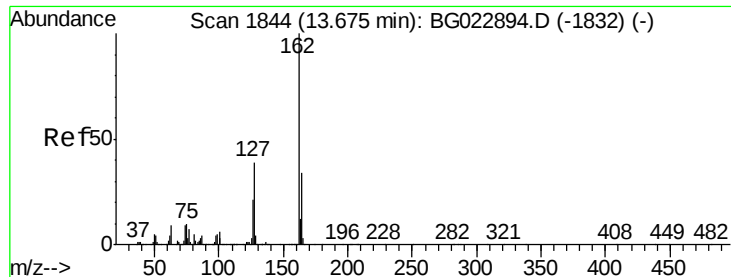
Tot Ion:172 Resp: 1170177
Ion Ratio Lower Upper
172 100
171 38.1 31.6 47.4
170 26.4 21.3 31.9



#45
1,1'-Biphenyl
Concen: 26.33 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:154 Resp: 710567
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 12.9 0.0 32.9

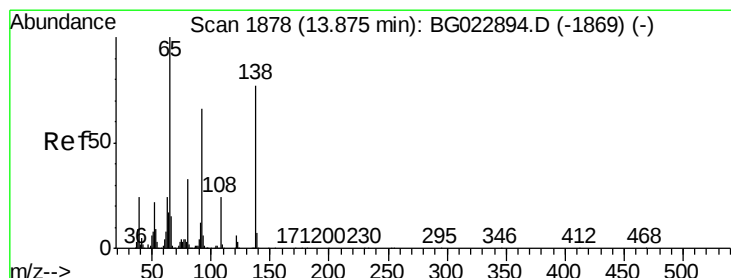
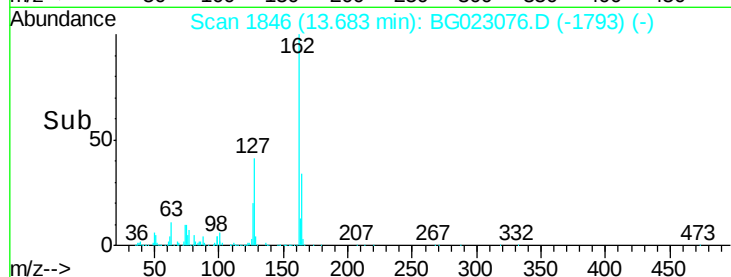
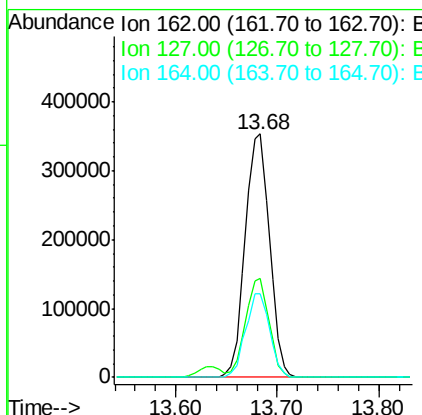
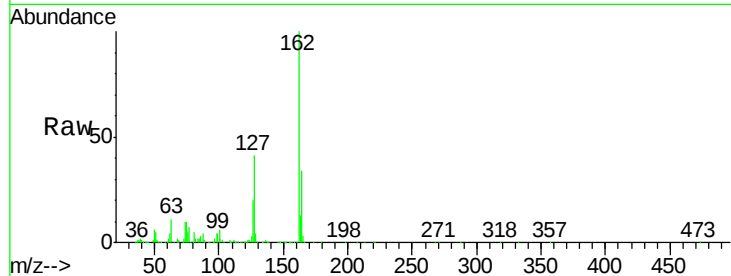




#46
2-Chloronaphthalene
Concen: 26.94 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

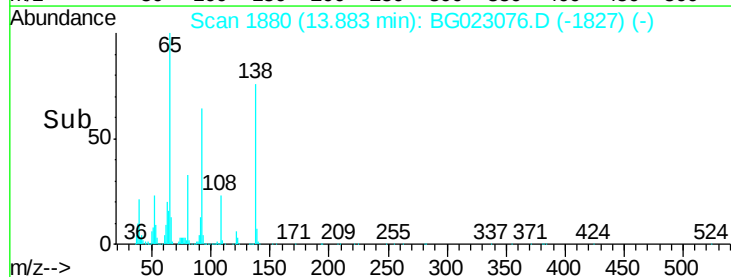
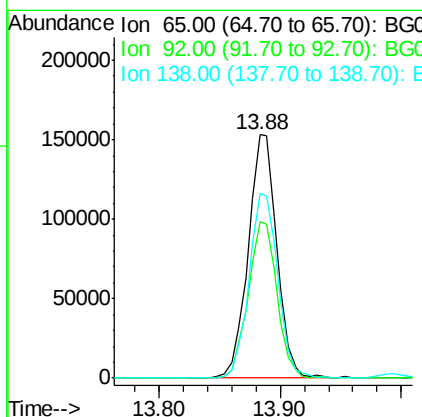
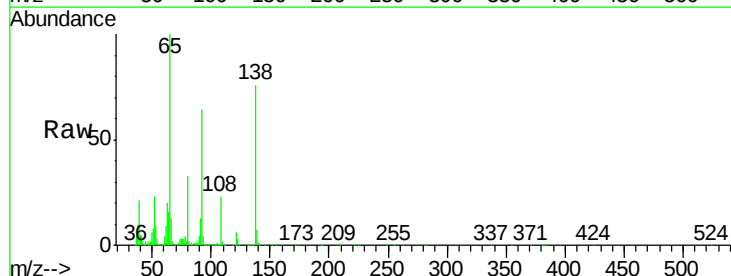
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

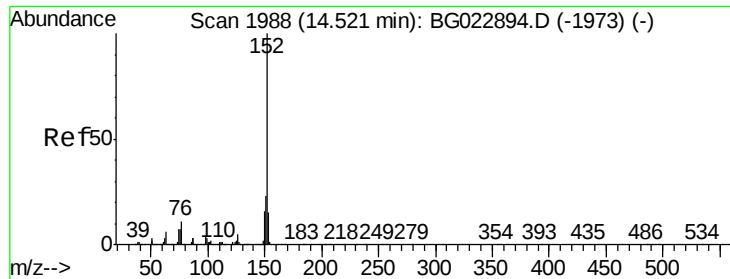
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	34.2	25.2	37.8



#47
2-Nitroaniline
Concen: 27.06 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	49.4	74.0
138	76.0	58.0	87.0





#48

Acenaphthylene

Concen: 27.19 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

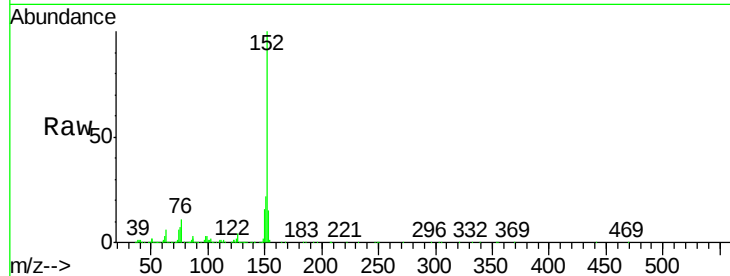
Tot Ion:152 Resp: 892982

Ion Ratio Lower Upper

152 100

151 21.6 17.6 26.4

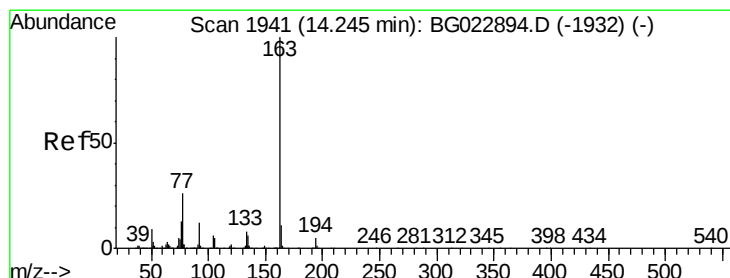
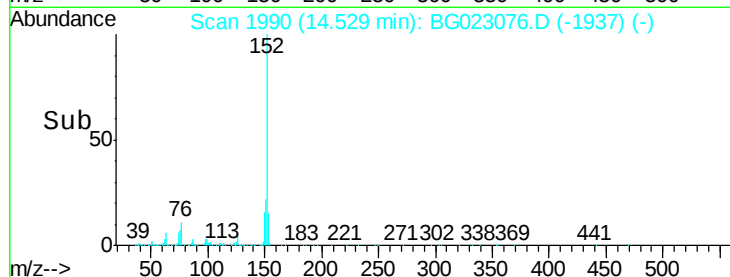
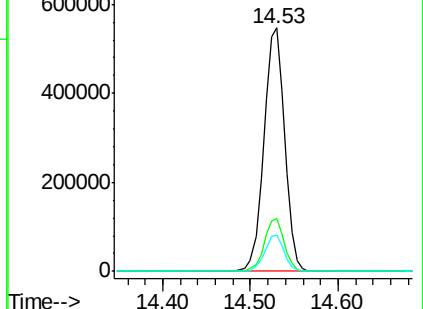
153 14.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.96 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

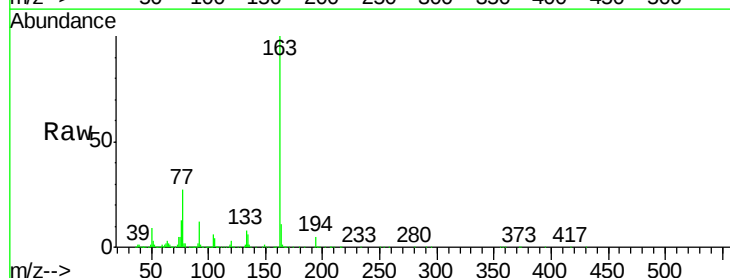
Tgt Ion:163 Resp: 1174337

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

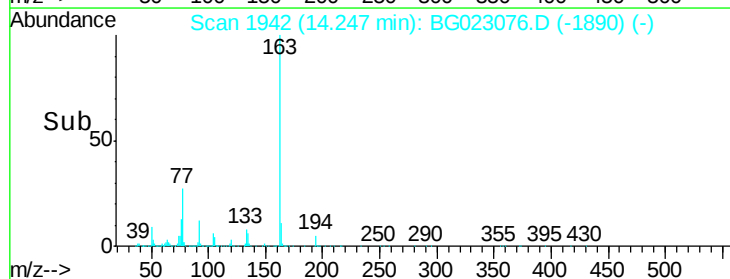
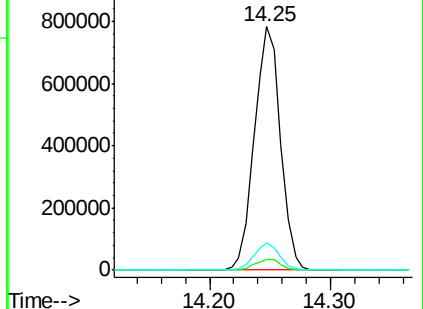
164 11.0 8.1 12.1

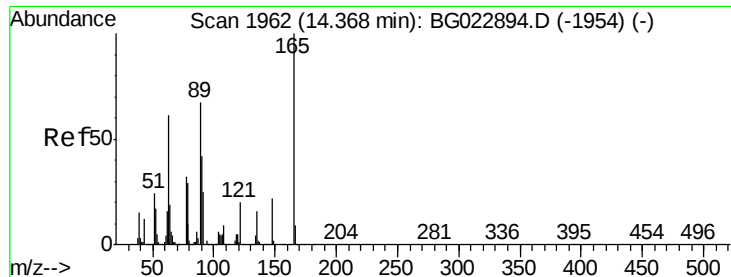


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

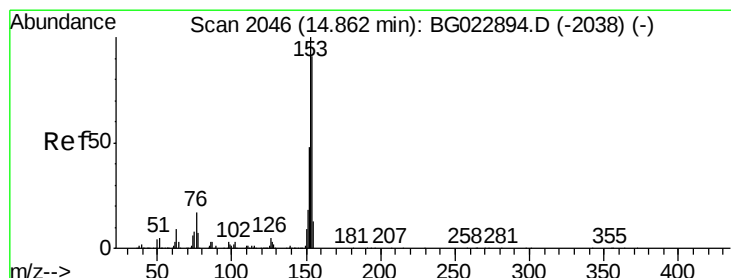
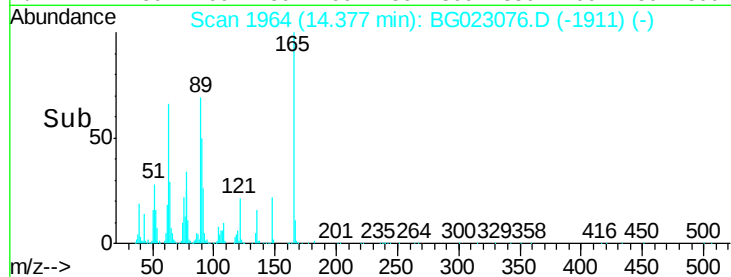
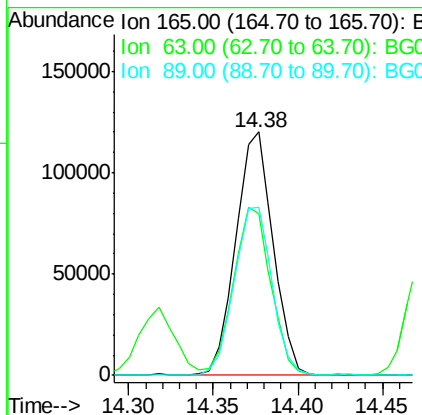
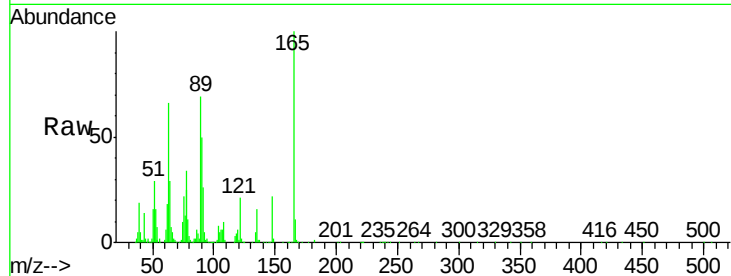




#50
 2,6-Dinitrotoluene
 Concen: 27.90 ng
 RT: 14.38 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

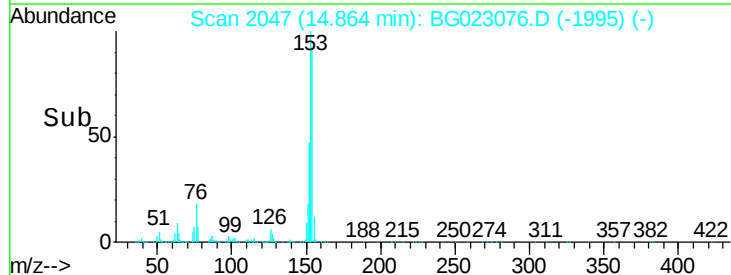
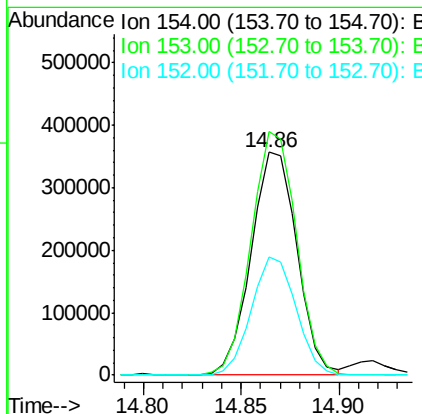
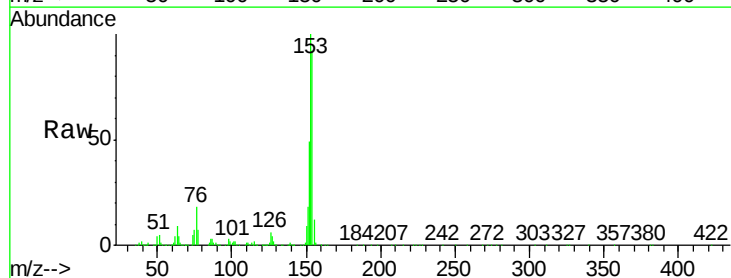
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMS

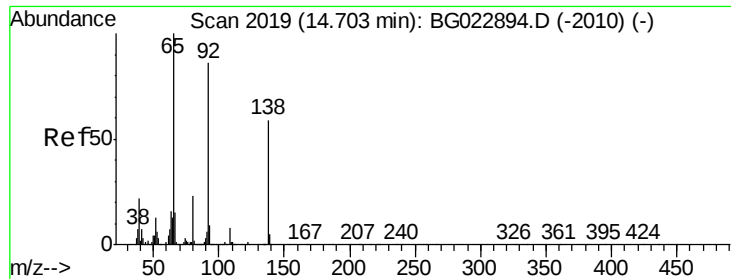
Tot Ion:165 Resp: 184243
 Ion Ratio Lower Upper
 165 100
 63 66.2 64.3 96.5
 89 69.1 64.3 96.5



#51
 Acenaphthene
 Concen: 27.10 ng
 RT: 14.86 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

Tgt Ion:154 Resp: 581551
 Ion Ratio Lower Upper
 154 100
 153 109.2 87.5 131.3
 152 53.1 42.7 64.1

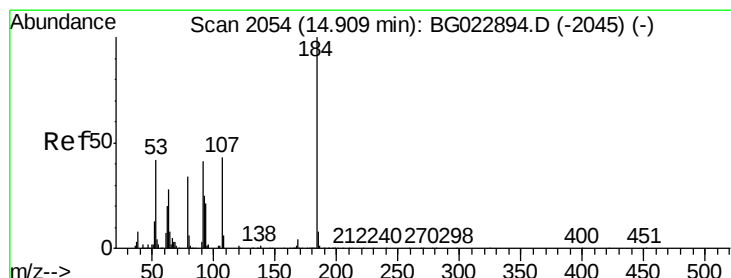
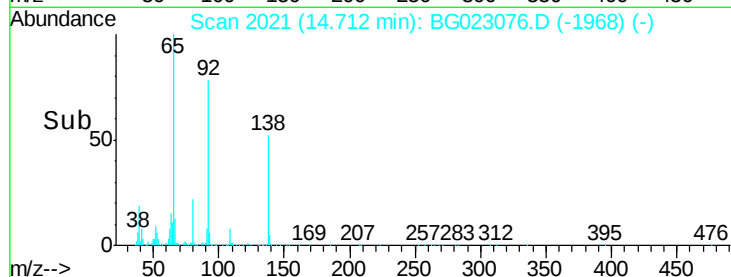
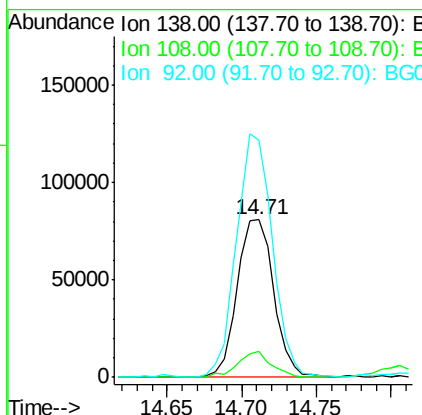
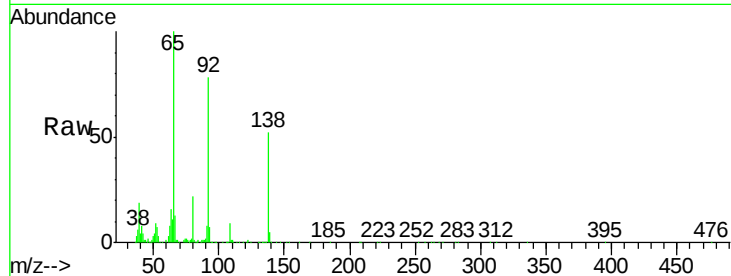




#52
3-Nitroaniline
Concen: 20.97 ng
RT: 14.71 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

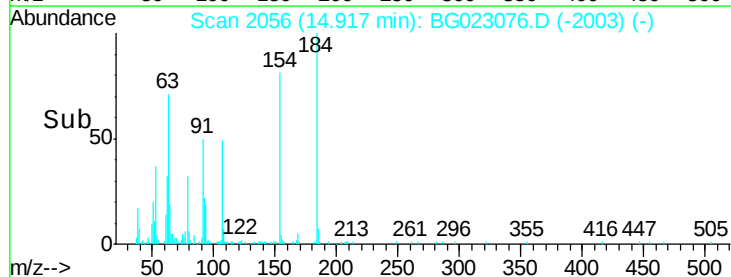
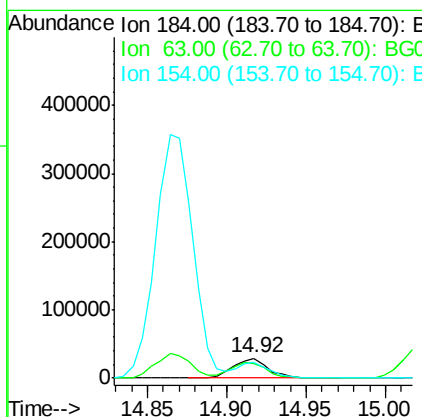
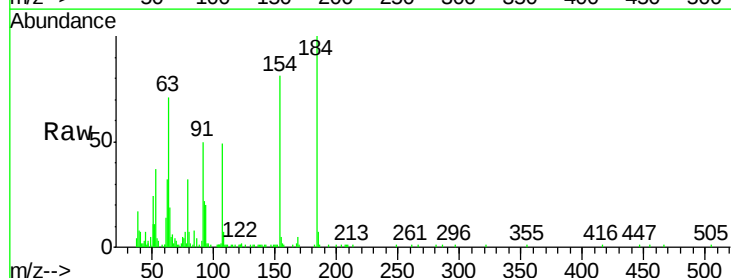
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

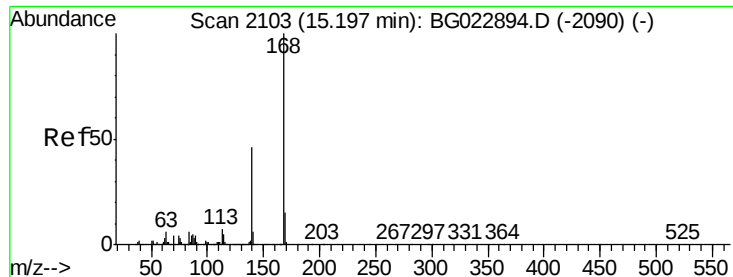
Tot Ion:138 Resp: 138103
Ion Ratio Lower Upper
138 100
108 16.5 11.7 17.5
92 150.5 129.7 194.5



#53
2,4-Dinitrophenol
Concen: 10.08 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:184 Resp: 45673
Ion Ratio Lower Upper
184 100
63 71.1 59.6 89.4
154 81.3 67.4 101.0





#54

Dibenzofuran

Concen: 29.57 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

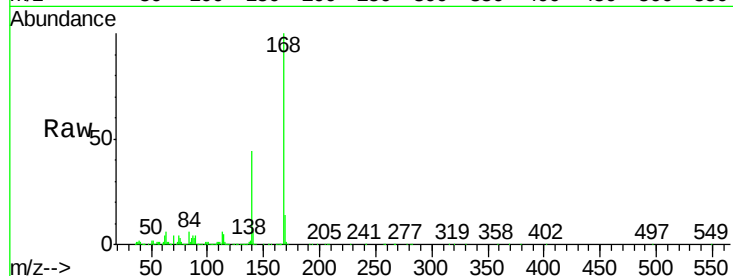
Tot Ion:168 Resp: 950022

Ion Ratio Lower Upper

168 100

139 44.3 36.4 54.6

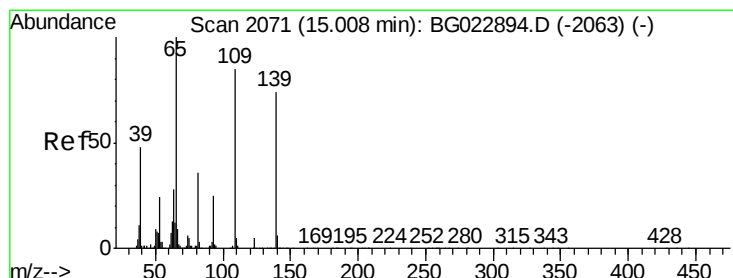
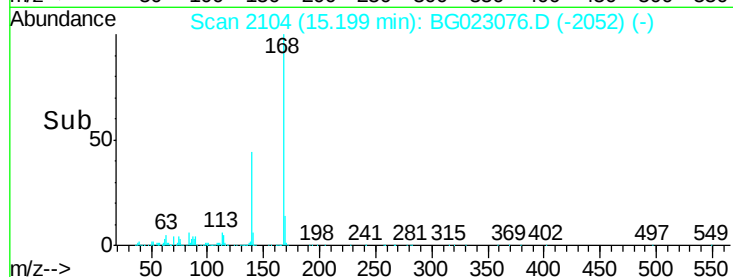
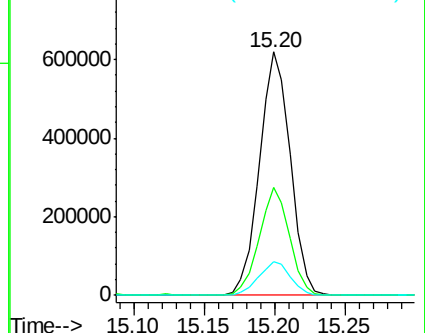
169 13.9 11.9 17.9



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: 47.04 ng

RT: 15.02 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

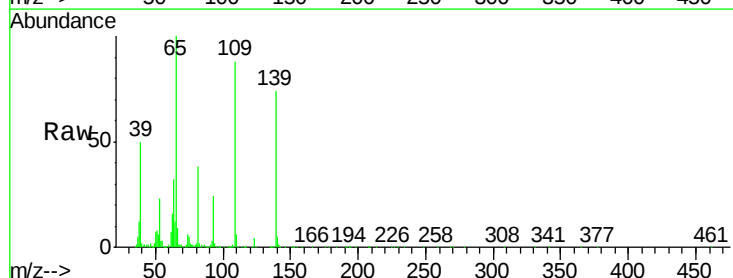
Tgt Ion:139 Resp: 259635

Ion Ratio Lower Upper

139 100

109 119.1 103.0 143.0

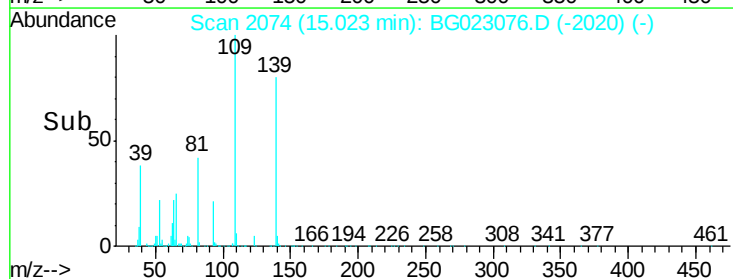
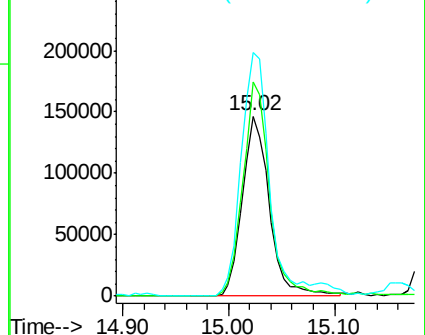
65 135.4 112.7 152.7

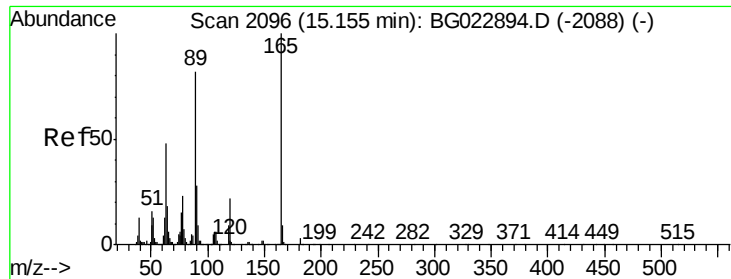


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

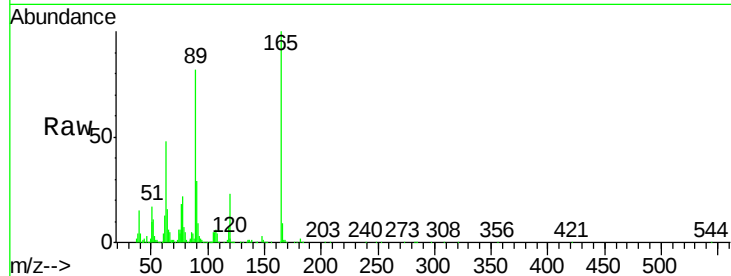




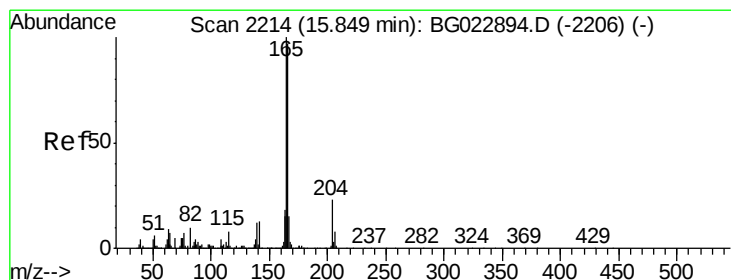
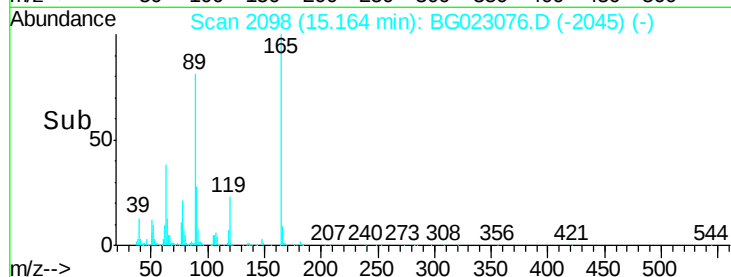
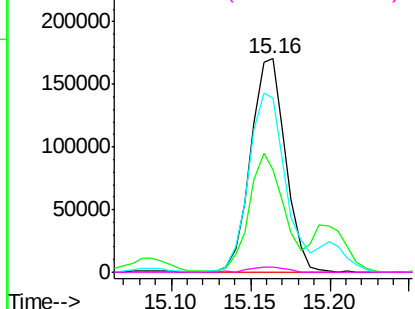
#56
2,4-Dinitrotoluene
Concen: 26.90 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

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

Tot Ion:165 Resp: 258967
Ion Ratio Lower Upper
165 100
63 47.8 45.8 68.6
89 81.7 68.6 102.8
182 2.4 2.0 3.0

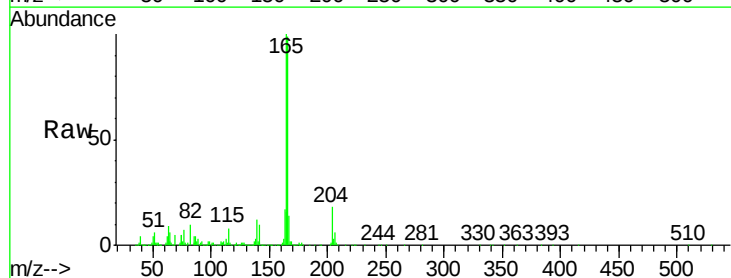


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

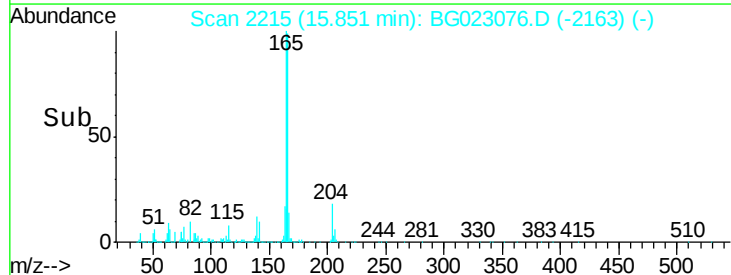
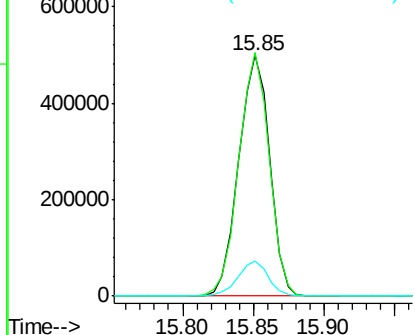


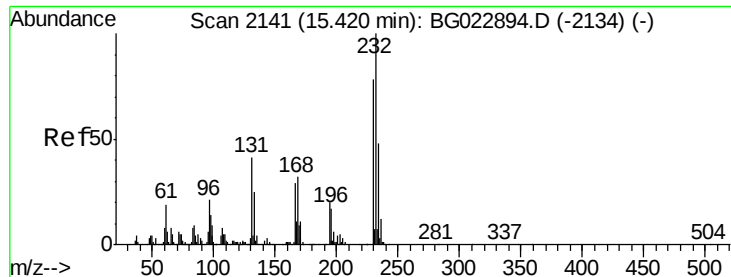
#57
Fluorene
Concen: 27.68 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:166 Resp: 765359
Ion Ratio Lower Upper
166 100
165 101.2 81.0 121.6
167 14.6 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

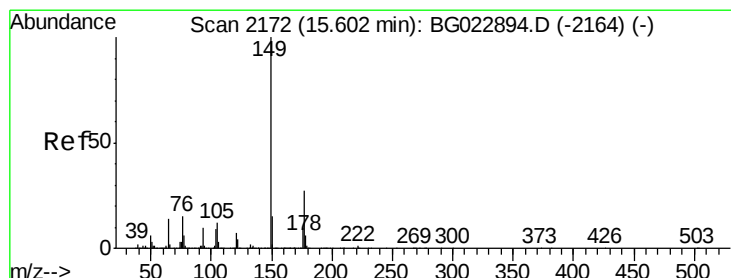
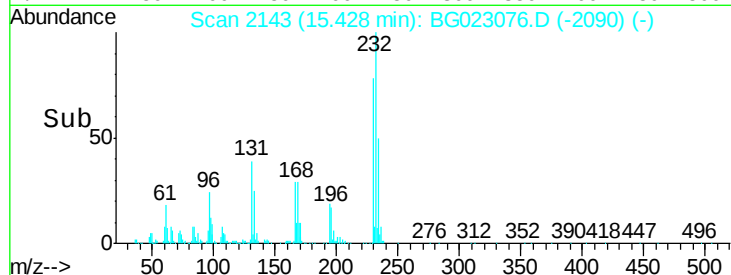
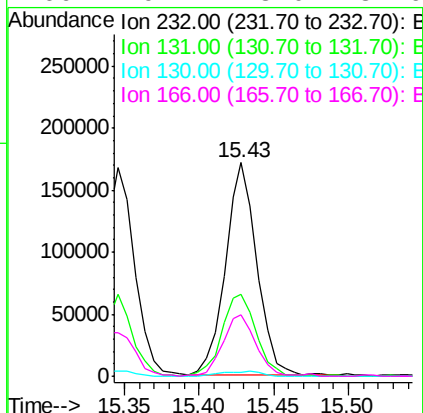
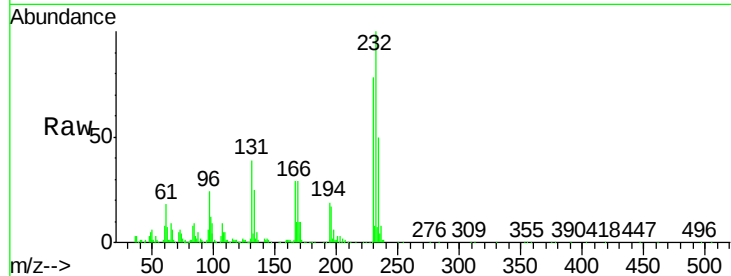




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.46 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

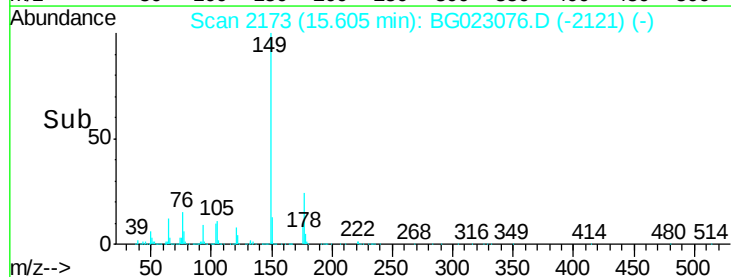
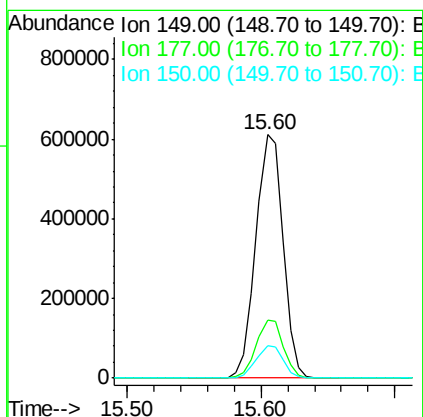
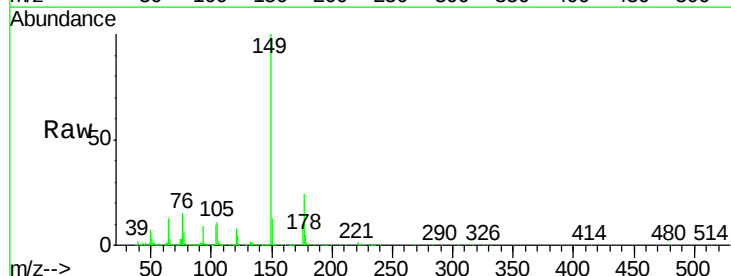
Instrument :
 BNA_G
 ClientSampleId :
 P7-B5(6-12)CMS

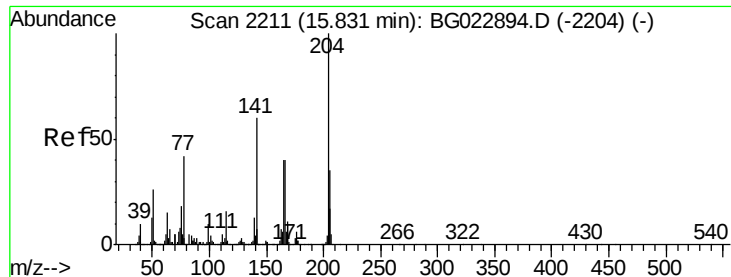
Tot Ion:232	Resp:	251337
Ion Ratio	Lower	Upper
232	100	
131	42.0	32.7 49.1
130	3.0	2.6 3.8
166	29.7	23.0 34.6



#59
 Diethylphthalate
 Concen: 28.68 ng
 RT: 15.60 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG023076.D
 Acq: 13 Jul 2016 19:10

Tgt Ion:149	Resp:	857560
Ion Ratio	Lower	Upper
149	100	
177	23.6	19.2 28.8
150	13.2	10.6 16.0

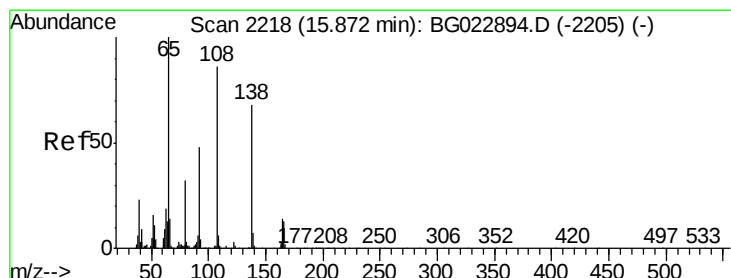
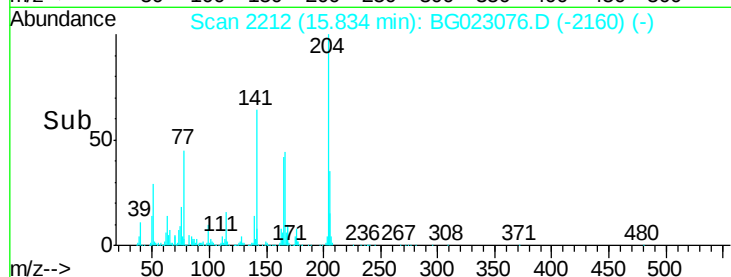
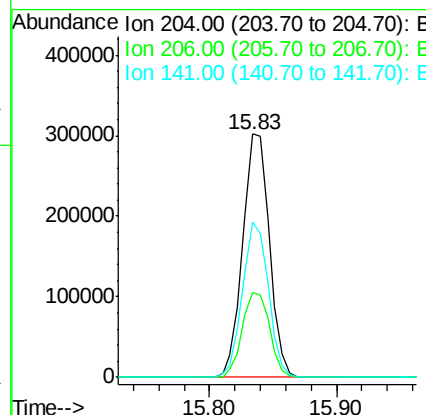
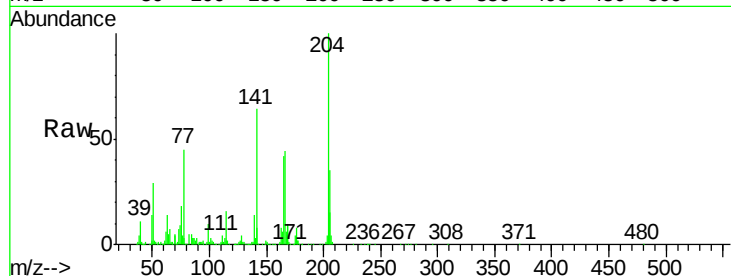




#60
4-Chlorophenyl-phenylether
Concen: 26.16 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

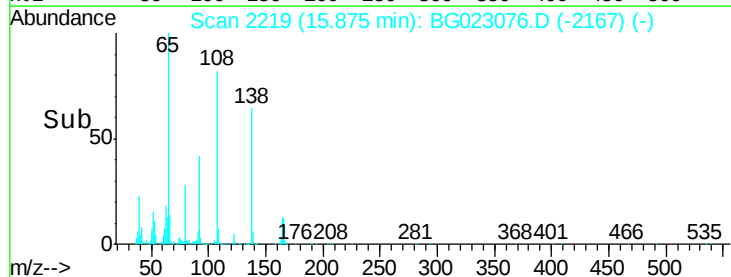
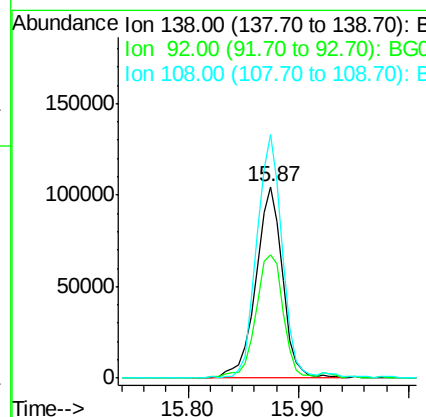
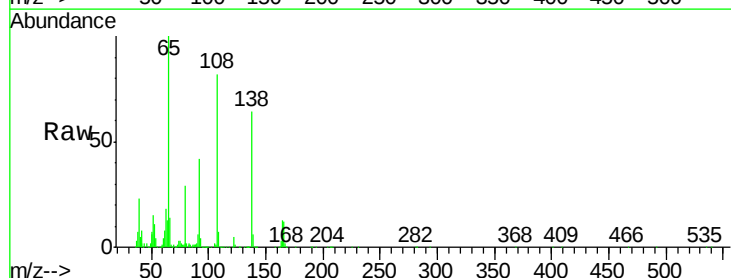
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

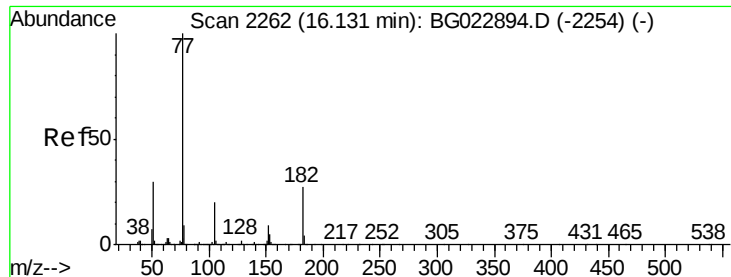
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.5	42.7
141	64.0	51.4	77.0



#61
4-Nitroaniline
Concen: 24.94 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.6	54.1	94.1
108	127.1	133.9	173.9#





#62

Azobenzene

Concen: 32.14 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion: 77 Resp: 919133

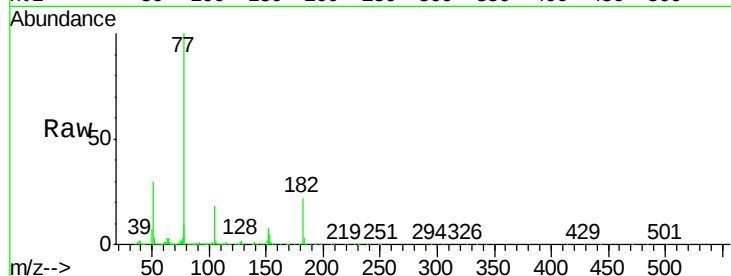
Ion Ratio Lower Upper

77 100

182 22.3 3.5 43.5

105 18.0 0.0 38.5

51 30.0 17.1 57.1

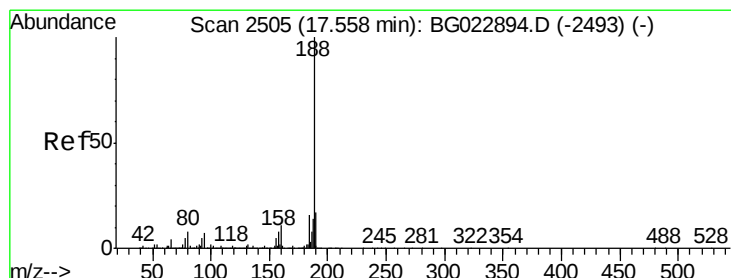
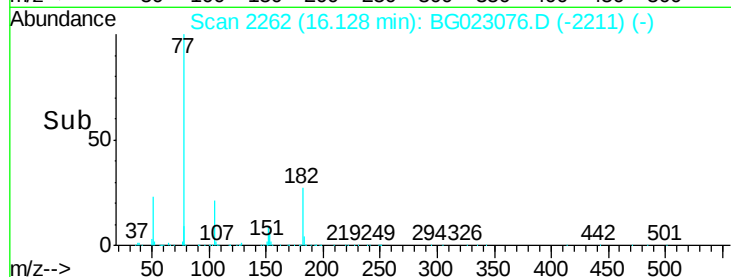
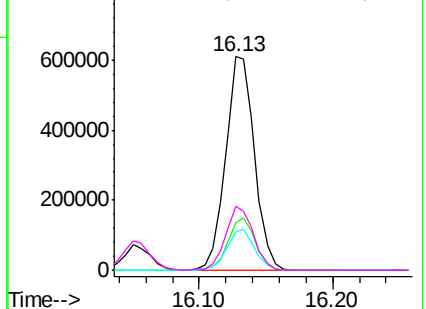


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

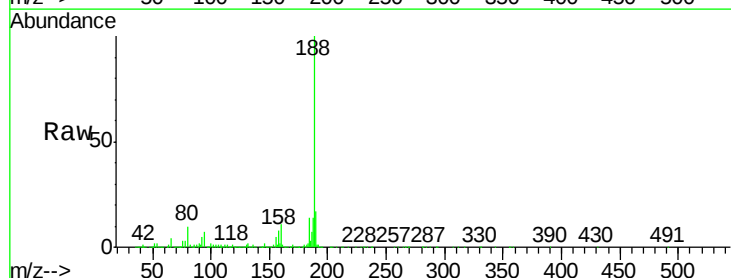
Tgt Ion: 188 Resp: 890628

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

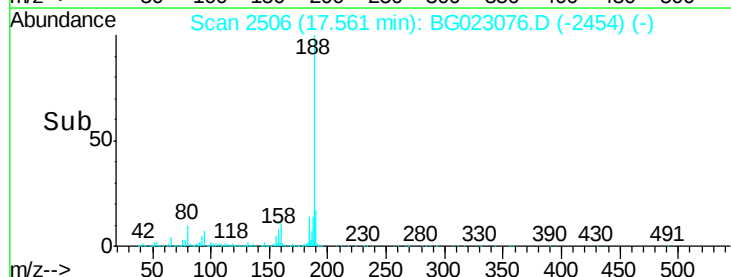
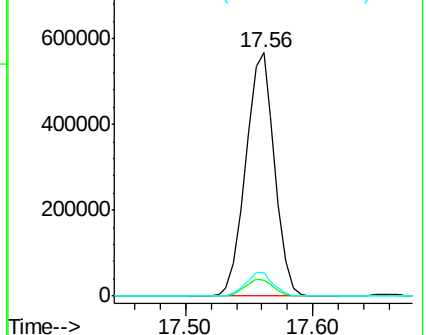
80 9.6 7.2 10.8

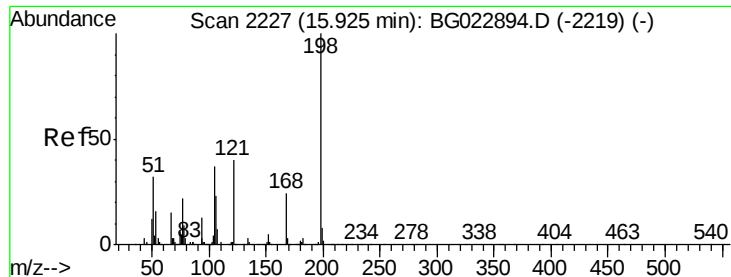


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 18.29 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

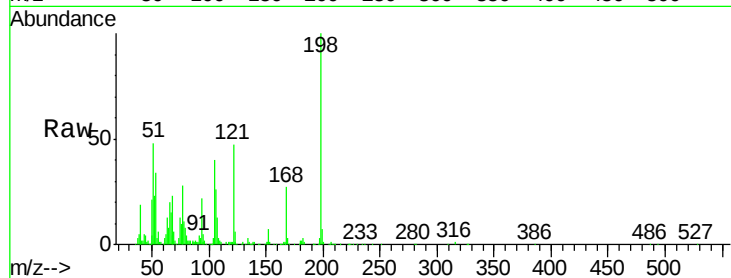
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:198 Resp: 121088

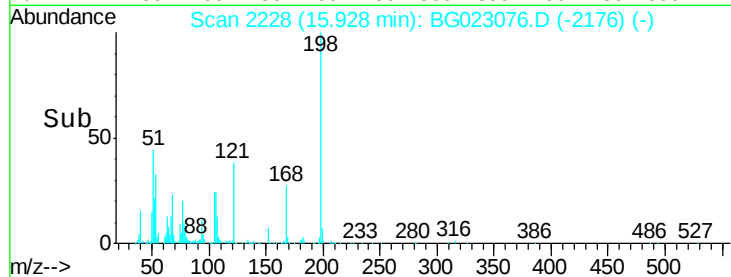
Ion	Ratio	Lower	Upper
198	100		
51	47.7	26.0	66.0
105	39.8	20.1	60.1



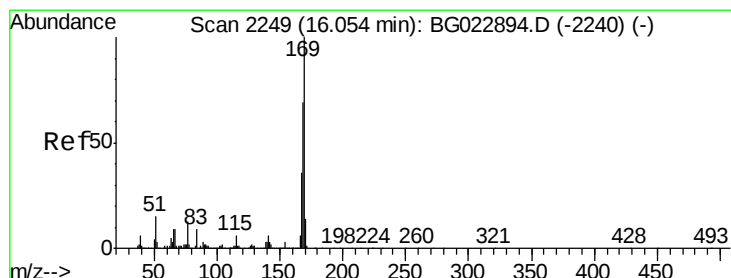
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 28.01 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

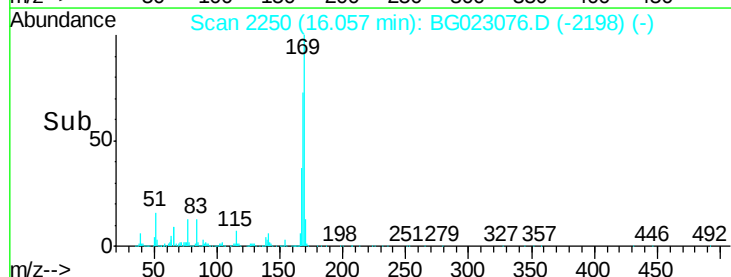
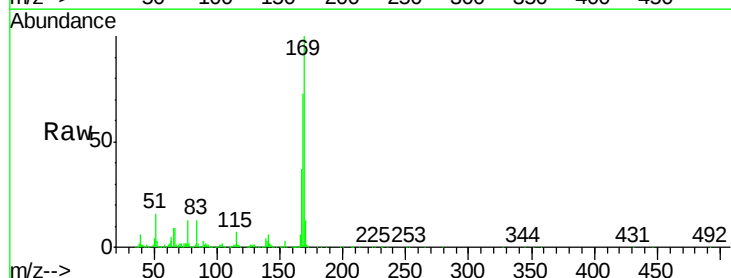
Tgt Ion:169 Resp: 718659

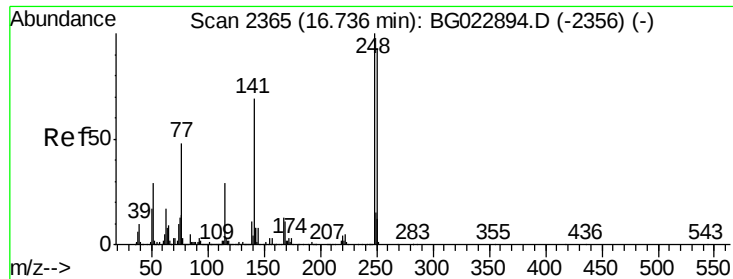
Ion	Ratio	Lower	Upper
169	100		
168	73.4	55.0	82.4
167	36.6	27.4	41.0

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

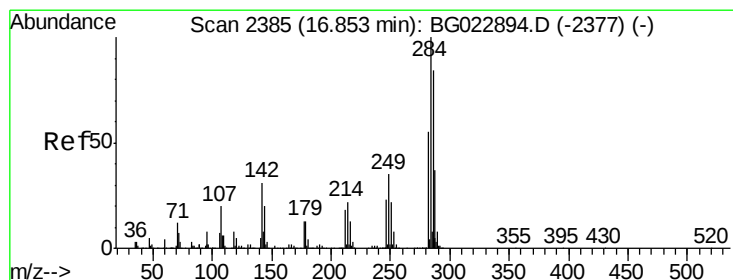
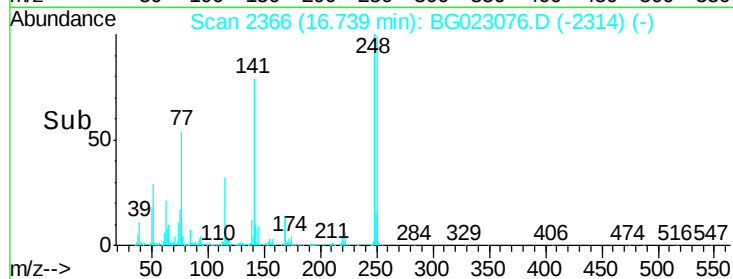
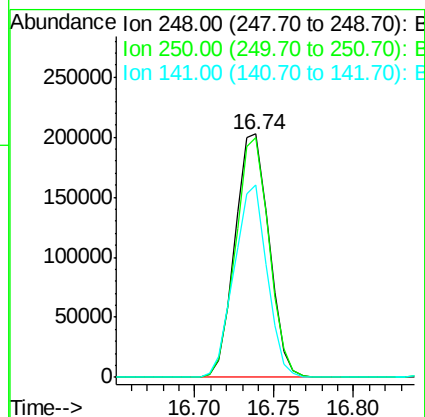
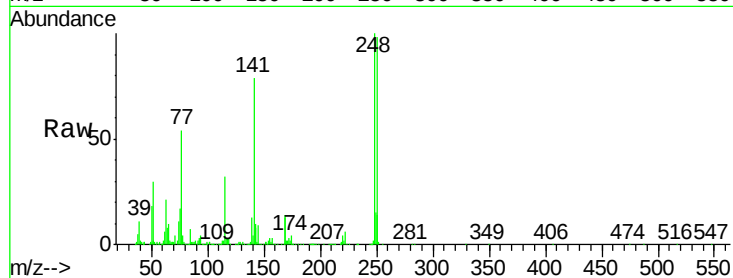




#66
4-Bromophenyl-phenylether
Concen: 25.99 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

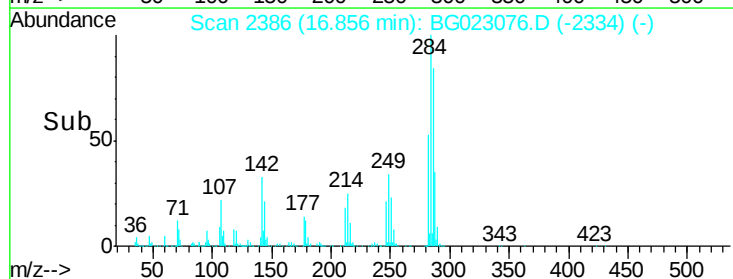
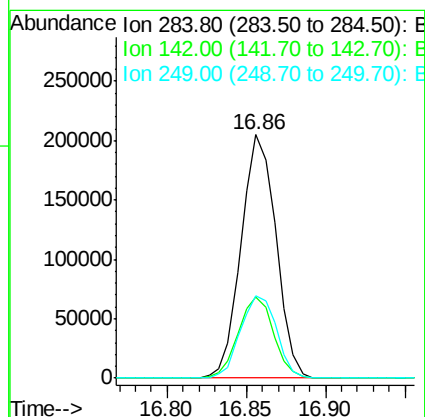
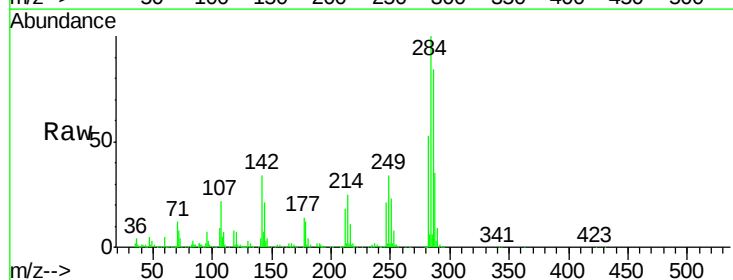
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

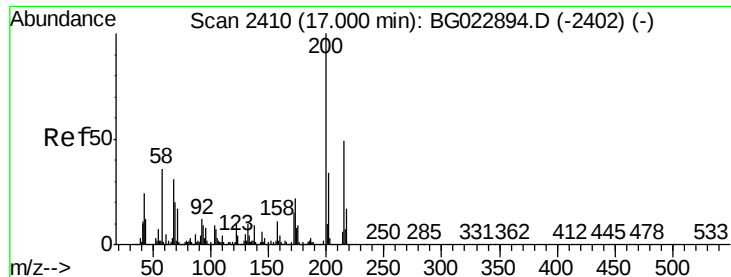
Tot Ion:248 Resp: 301188
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 79.3 65.7 98.5



#67
Hexachlorobenzene
Concen: 24.86 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:284 Resp: 313199
Ion Ratio Lower Upper
284 100
142 33.5 26.8 40.2
249 33.6 28.9 43.3





#68

Atrazine

Concen: 26.88 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

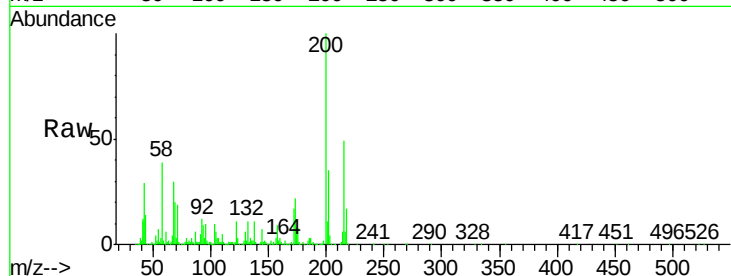
Tot Ion:200 Resp: 305915

Ion Ratio Lower Upper

200 100

173 22.2 1.6 41.6

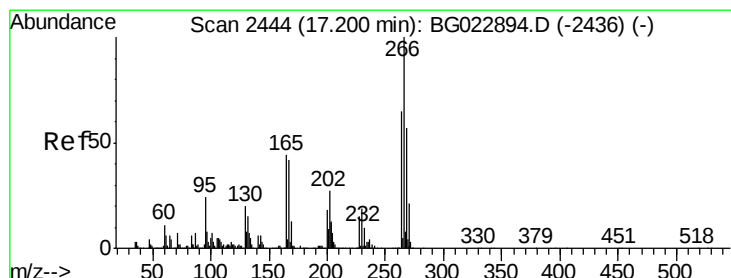
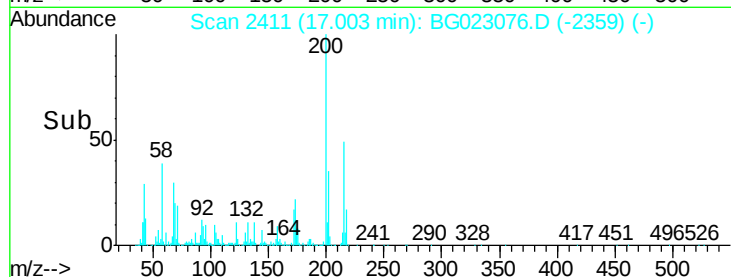
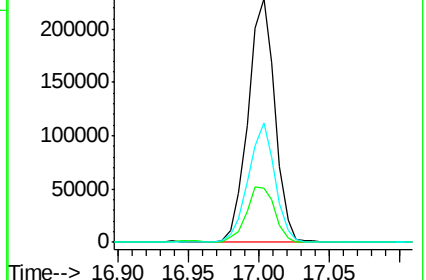
215 49.1 28.7 68.7



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: 43.94 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

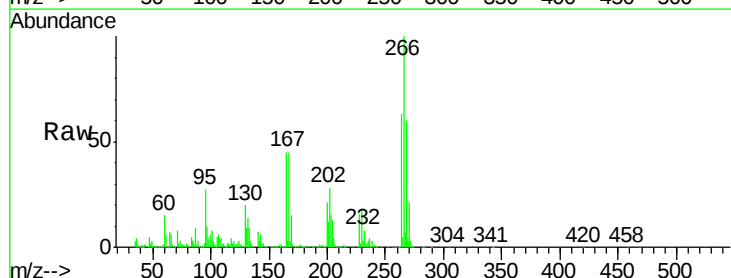
Tgt Ion:266 Resp: 358466

Ion Ratio Lower Upper

266 100

268 60.0 51.9 77.9

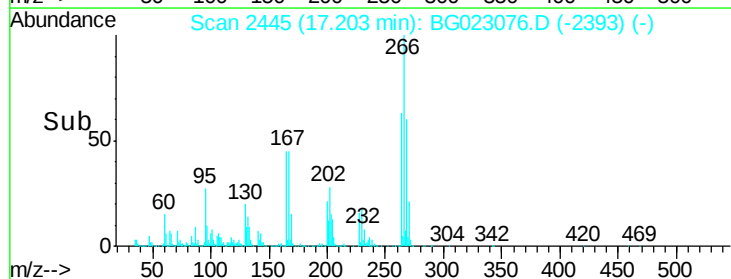
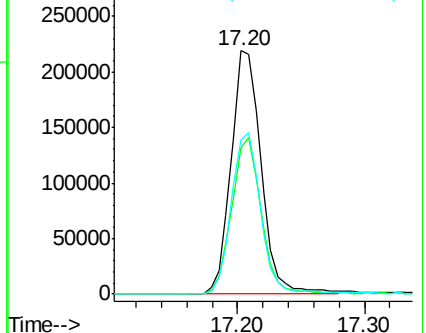
264 63.1 50.6 75.8

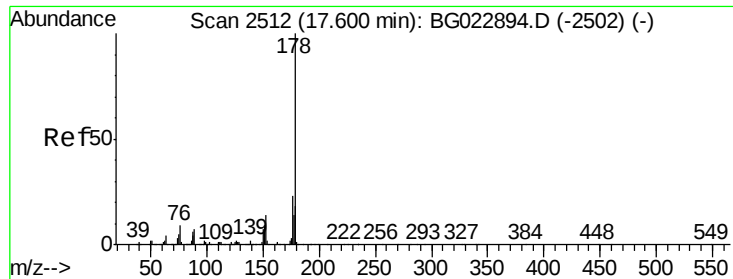


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 28.49 ng

RT: 17.60 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

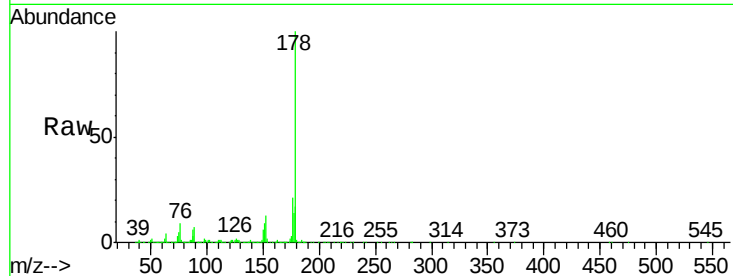
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:178 Resp: 1243337

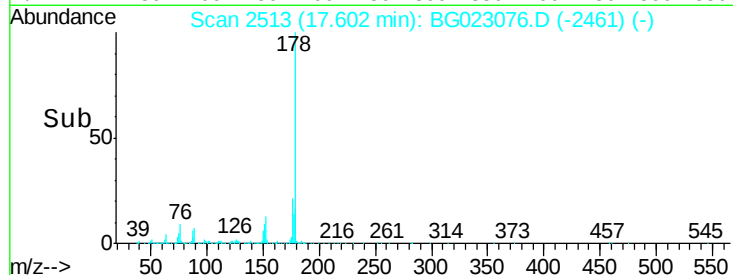
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	16.7	14.3	21.5



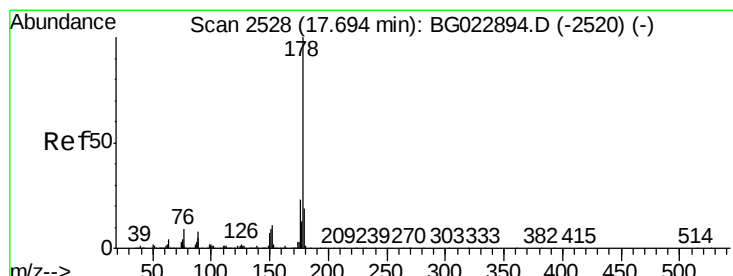
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 28.68 ng

RT: 17.69 min Scan# 2528

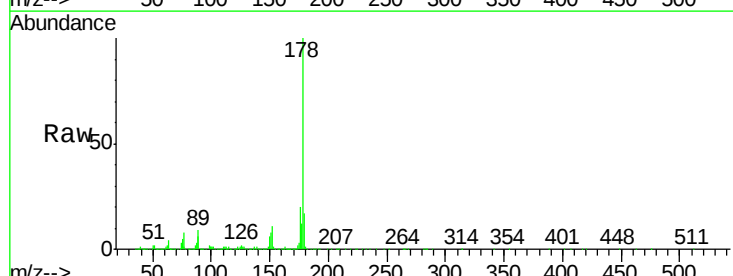
Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:178 Resp: 1267602

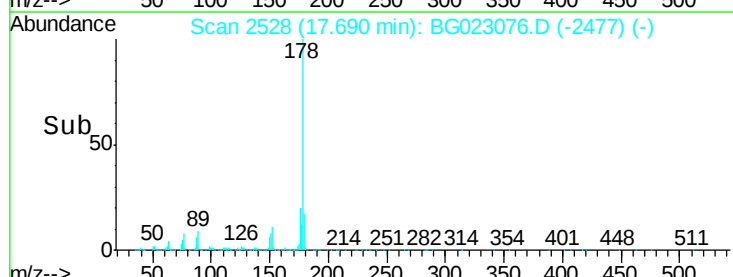
Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.3	25.9
179	17.2	14.0	21.0



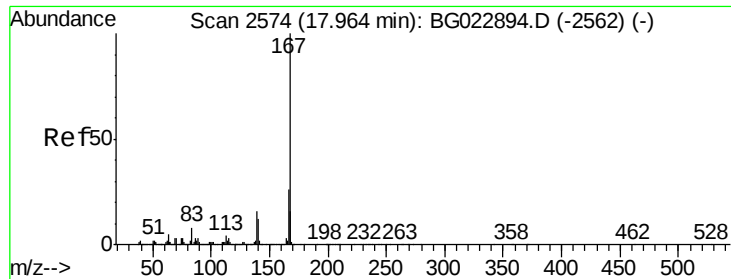
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 28.88 ng

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

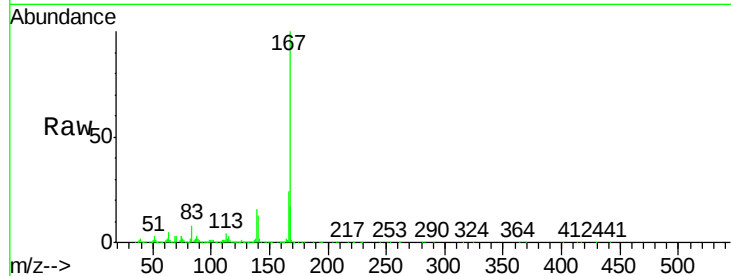
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:167 Resp: 1102974

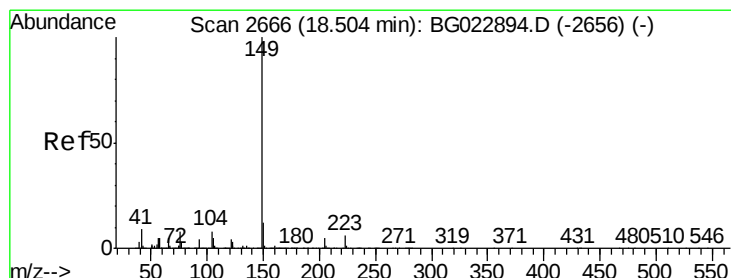
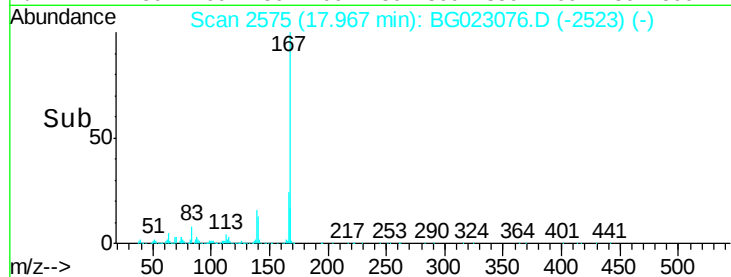
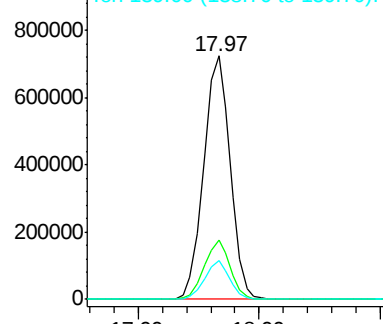
Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.7	31.1
139	15.8	11.9	17.9



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: 31.70 ng

RT: 18.50 min Scan# 2666

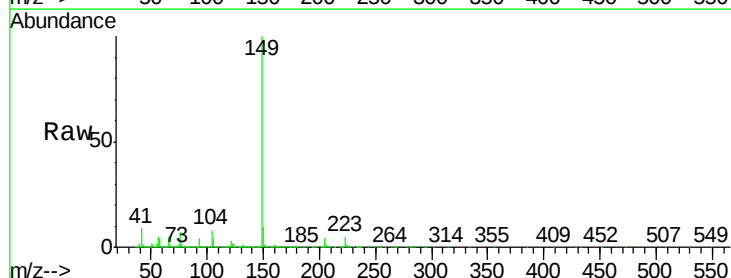
Delta R.T. -0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:149 Resp: 1346495

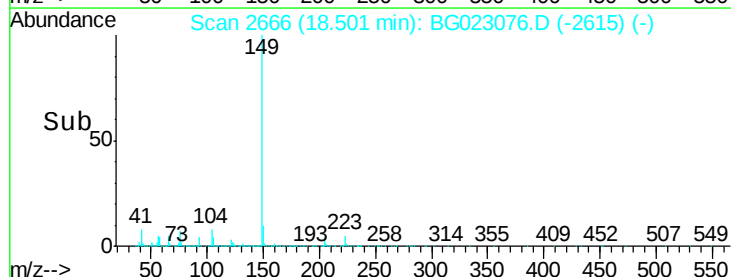
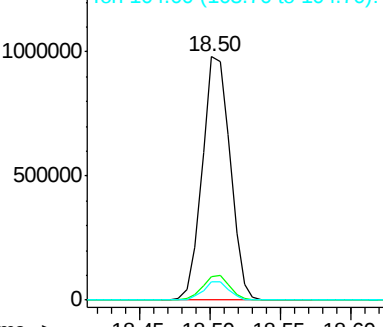
Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.1	13.7
104	7.7	6.9	10.3

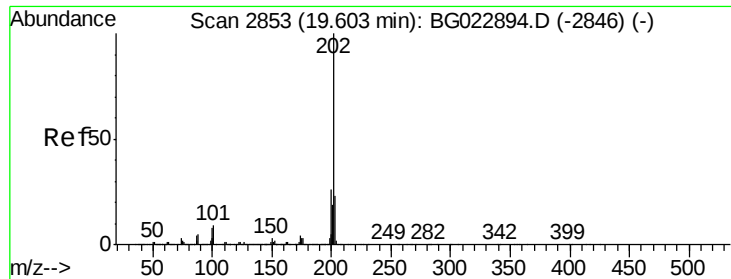


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 26.86 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

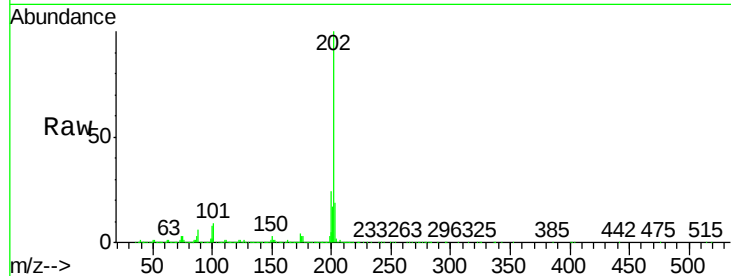
Tot Ion:202 Resp: 1438677

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.4

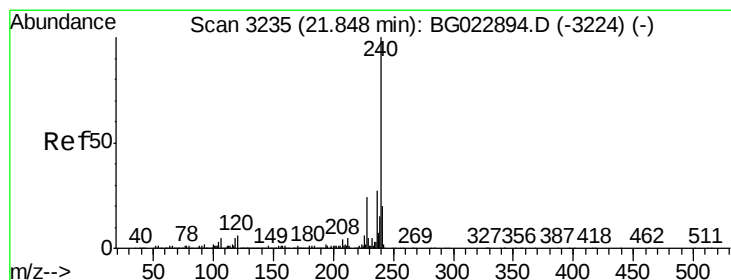
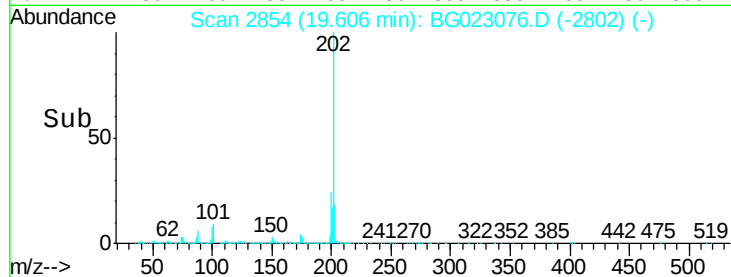
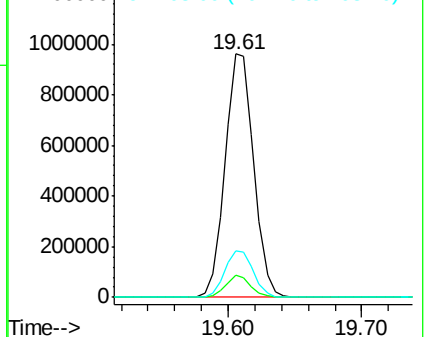
203 19.1 1.7 41.7



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: BG023076.D

Acq: 13 Jul 2016 19:10

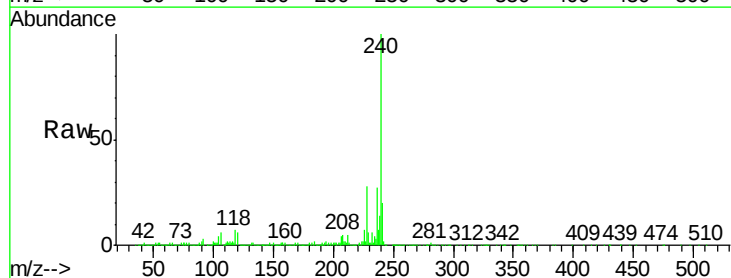
Tgt Ion:240 Resp: 910597

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

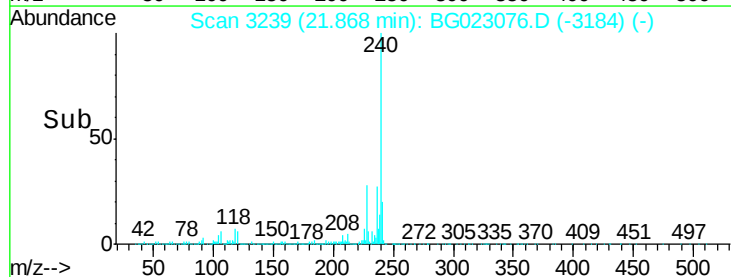
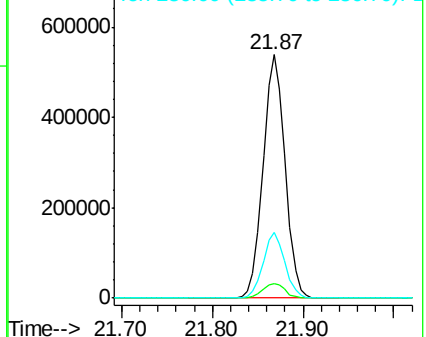
236 26.9 21.1 31.7

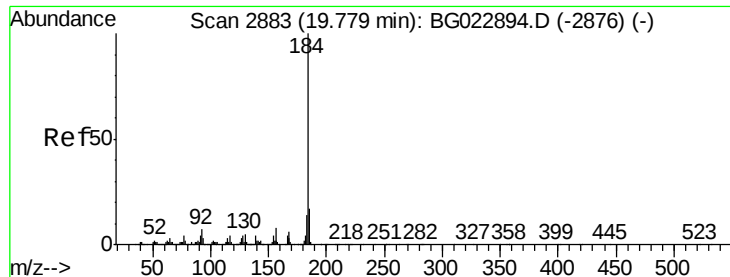


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

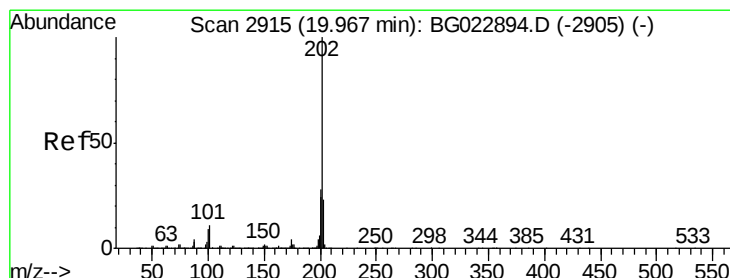
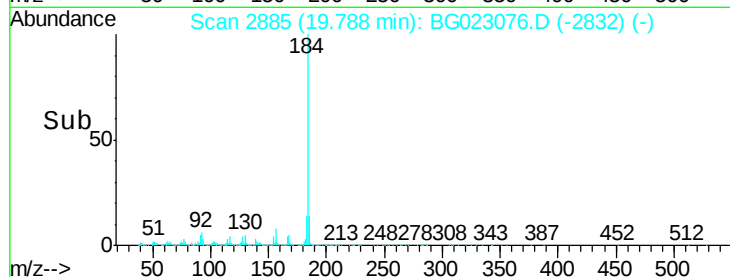
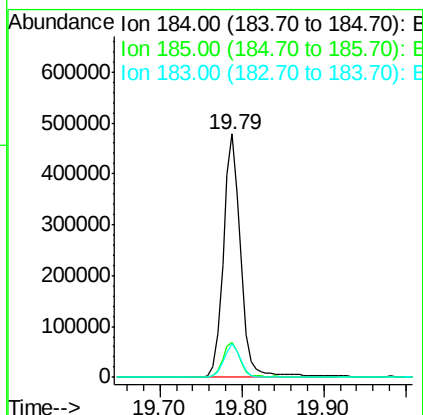
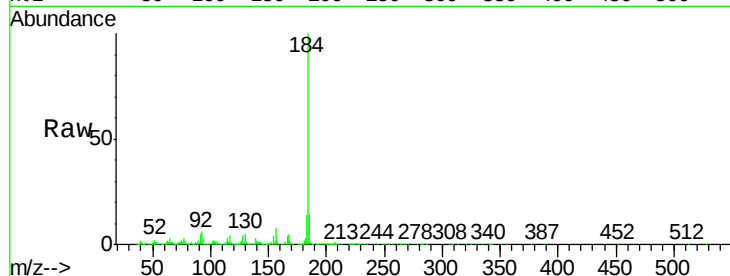




#76
Benzidine
Concen: 26.80 ng
RT: 19.79 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

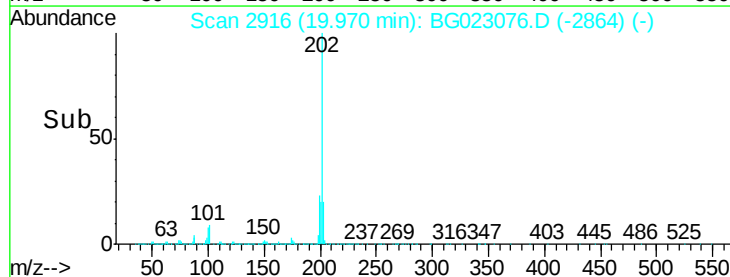
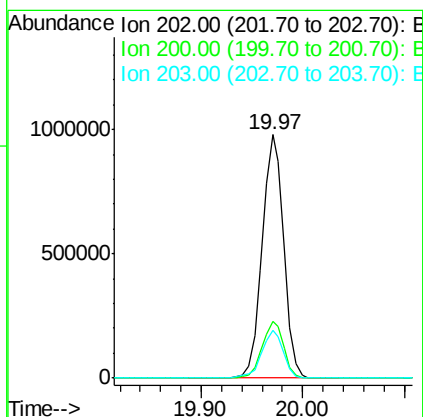
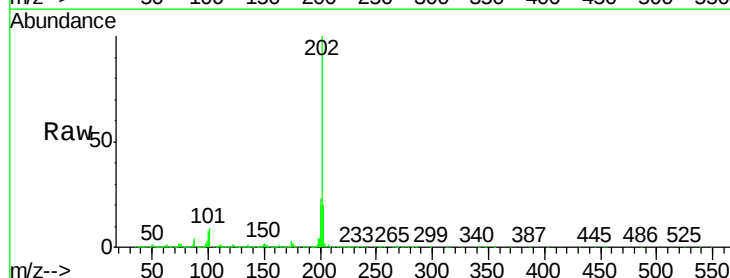
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

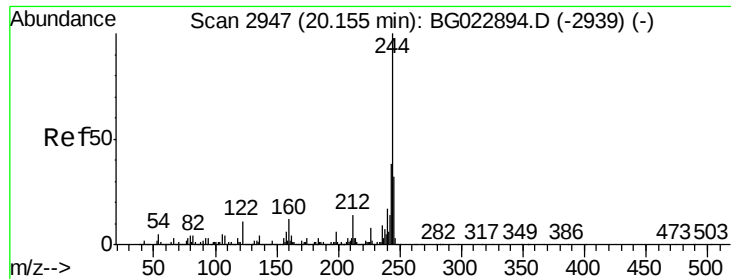
Tot Ion:184 Resp: 699595
Ion Ratio Lower Upper
184 100
185 14.5 12.6 19.0
183 14.0 10.7 16.1



#77
Pyrene
Concen: 28.29 ng
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:202 Resp: 1447654
Ion Ratio Lower Upper
202 100
200 23.3 21.2 31.8
203 19.8 16.8 25.2





#78

Terphenyl-d14

Concen: 53.84 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

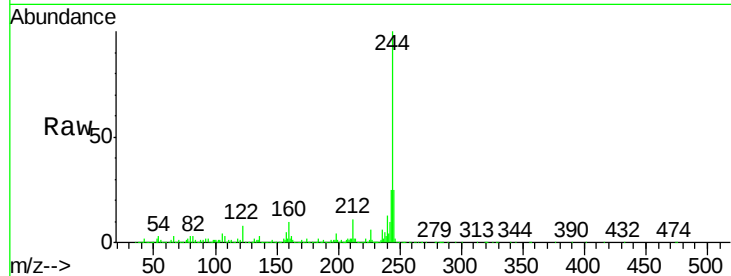
Tot Ion:244 Resp: 1787542

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

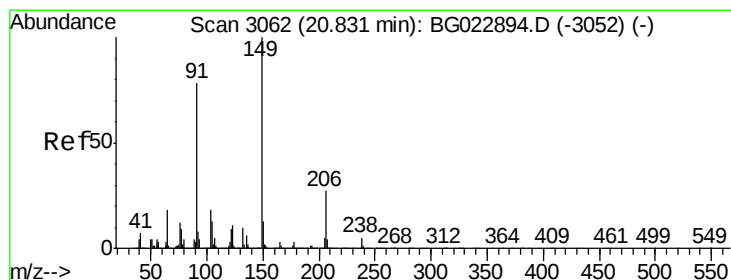
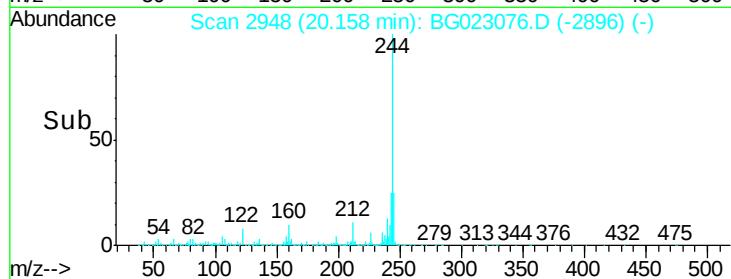
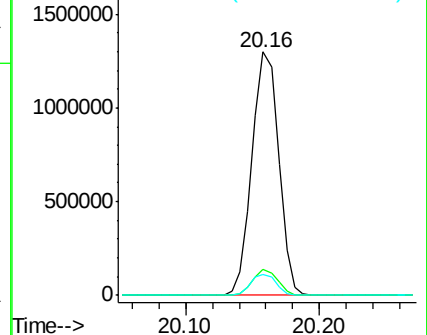
122 8.4 8.0 12.0



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: 30.43 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

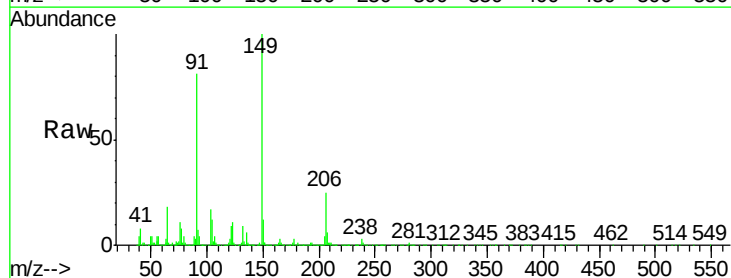
Tgt Ion:149 Resp: 616746

Ion Ratio Lower Upper

149 100

91 80.8 68.1 102.1

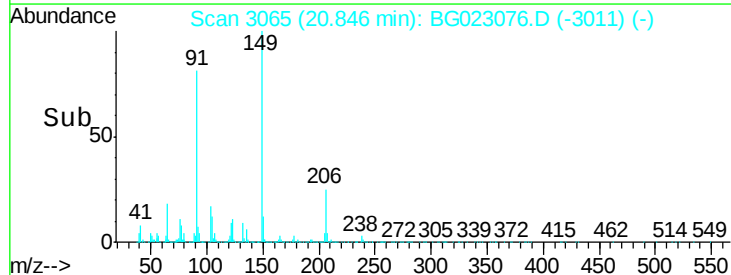
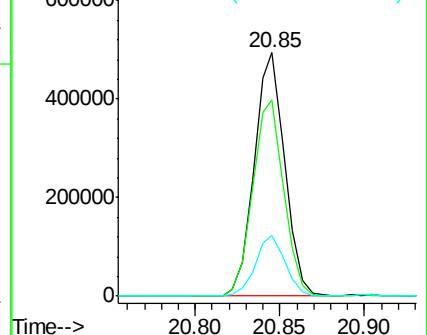
206 24.9 19.8 29.6

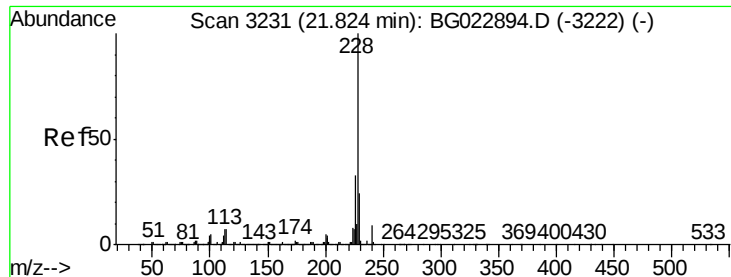


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

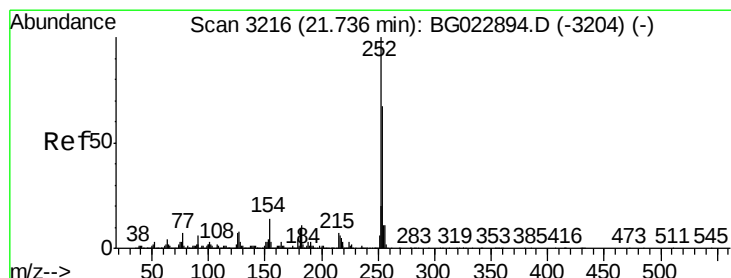
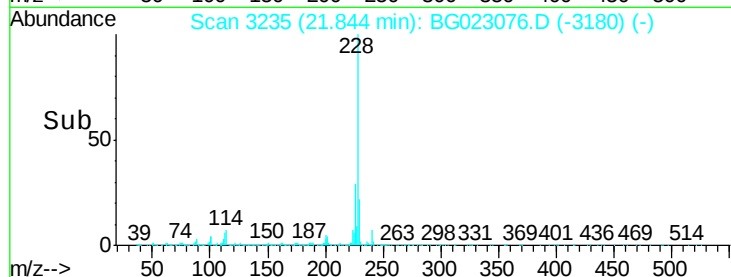
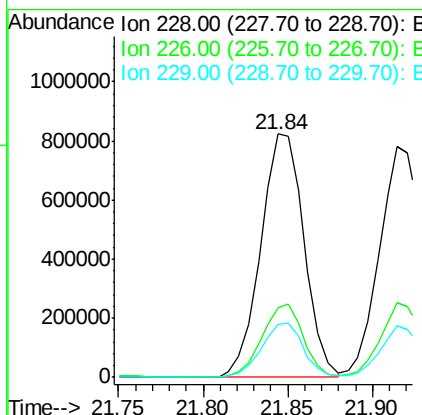
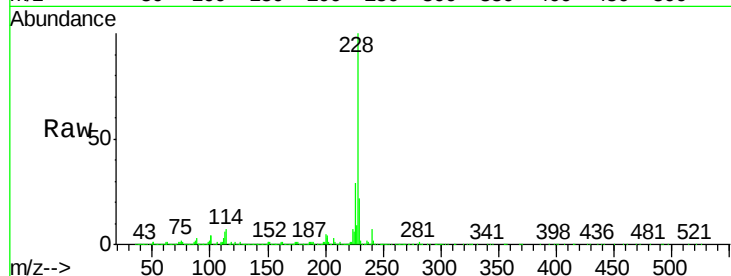




#80
Benzo(a)anthracene
Concen: 28.70 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

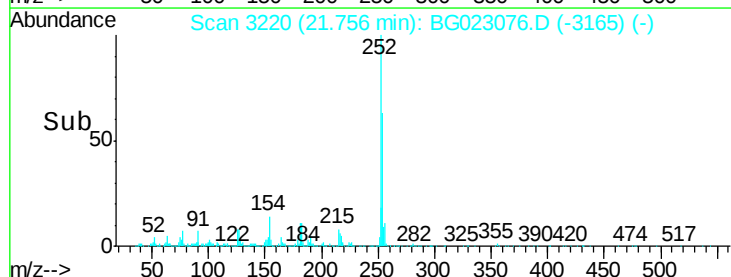
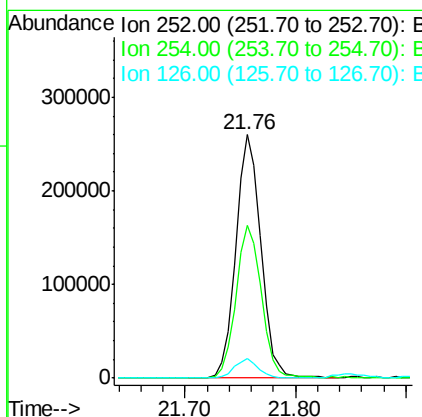
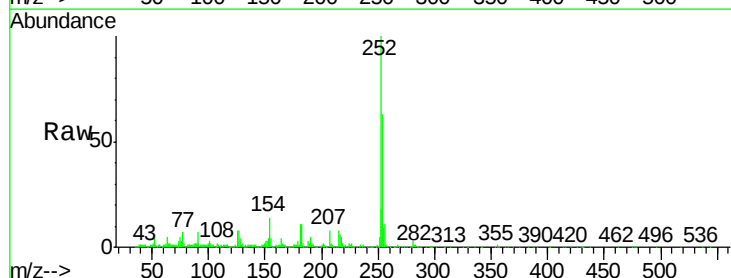
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

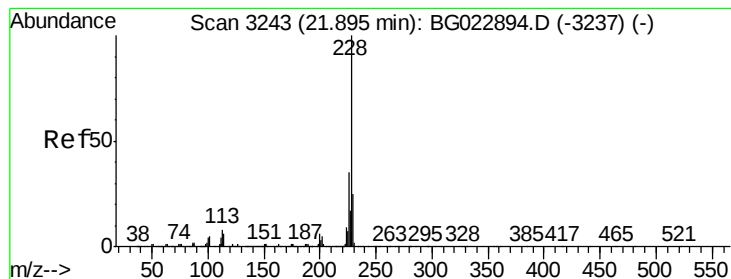
Tot Ion:228 Resp: 1462091
Ion Ratio Lower Upper
228 100
226 28.7 25.3 37.9
229 21.6 19.9 29.9



#81
3,3'-Dichlorobenzidine
Concen: 18.51 ng
RT: 21.76 min Scan# 3220
Delta R.T. 0.02 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:252 Resp: 413998
Ion Ratio Lower Upper
252 100
254 62.6 51.2 76.8
126 8.0 5.3 7.9#





#82

Chrysene

Concen: 28.61 ng

RT: 21.91 min Scan# 3247

Delta R.T. 0.02 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

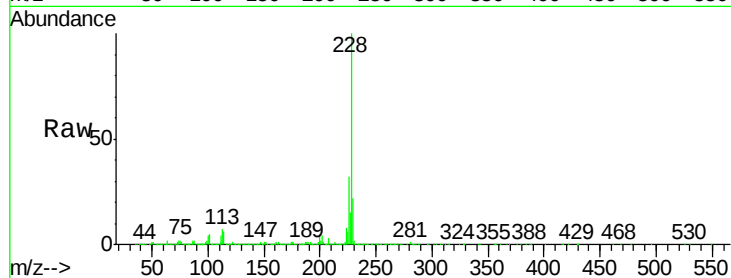
BNA_G

ClientSampleId :

P7-B5(6-12)CMS

Tot Ion:228 Resp: 1367485

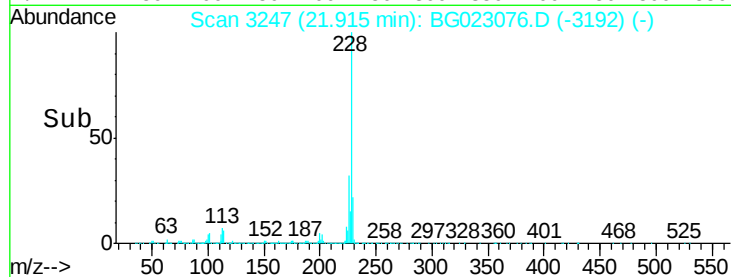
Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.7	40.1
229	22.2	17.4	26.2



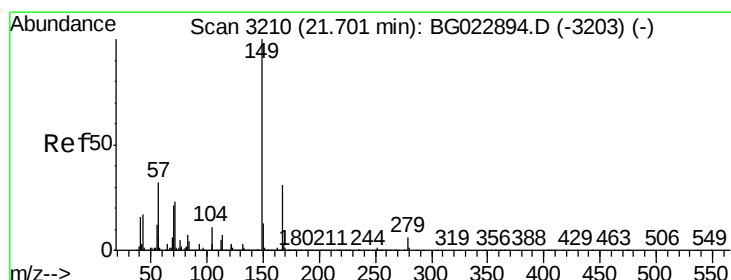
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.03 ng

RT: 21.73 min Scan# 3215

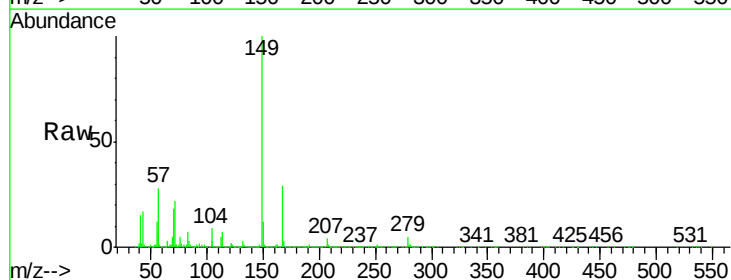
Delta R.T. 0.03 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Tgt Ion:149 Resp: 845079

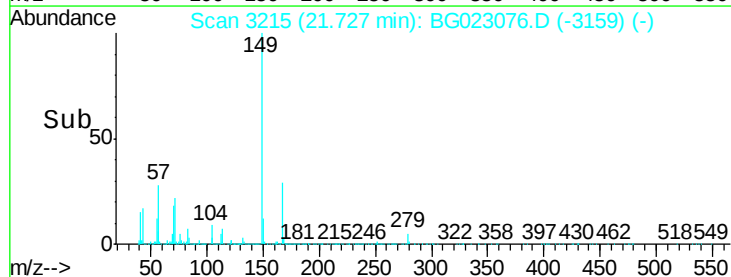
Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.0	36.0
279	5.2	4.8	7.2



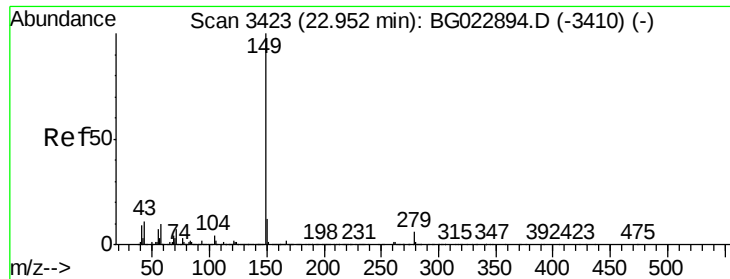
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



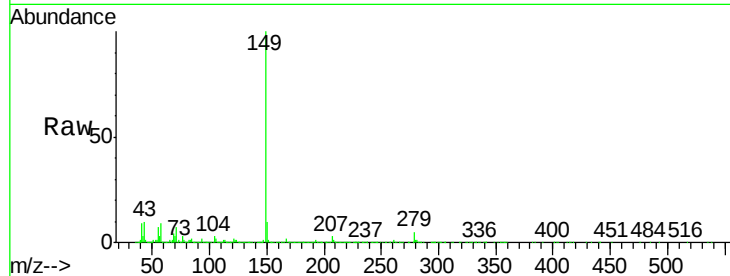
Time-->



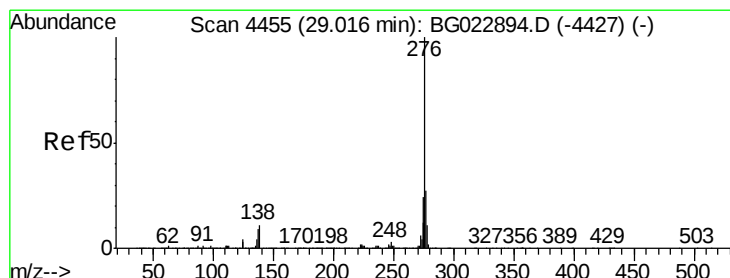
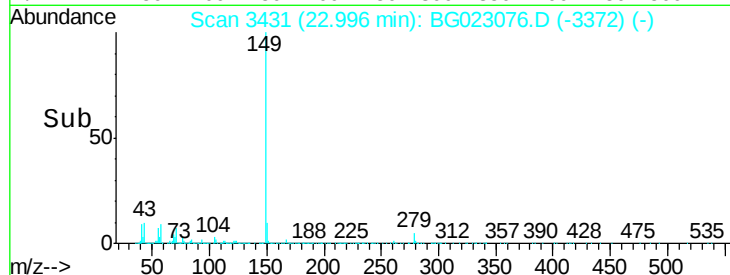
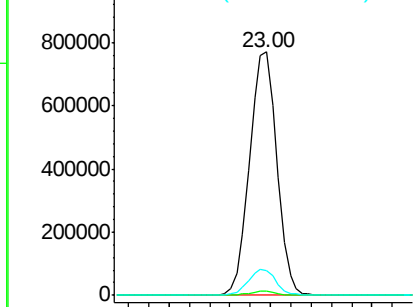
#84
Di-n-octyl phthalate
Concen: 30.59 ng
RT: 23.00 min Scan# 3431
Delta R.T. 0.04 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

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

Tot Ion:149 Resp: 1435966
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 10.4 8.8 13.2

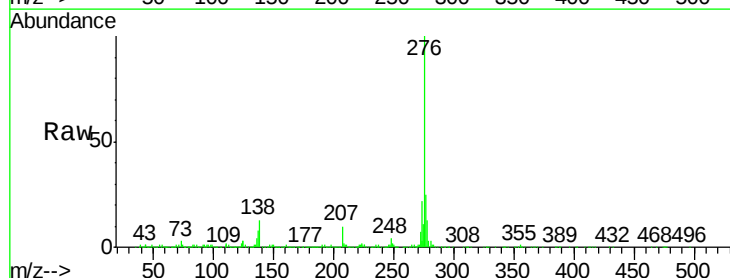


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

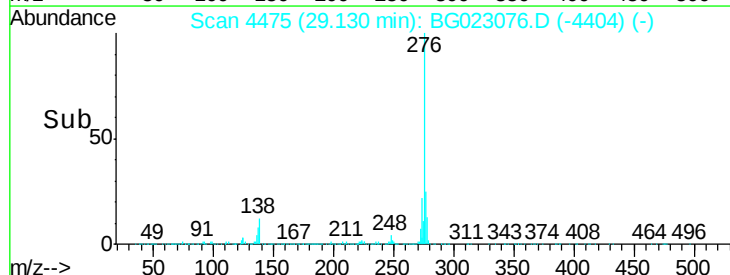
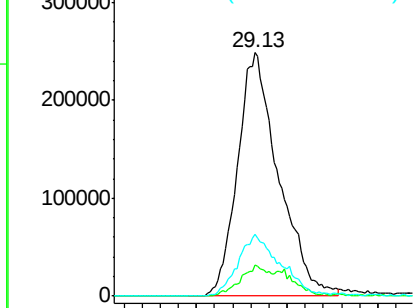


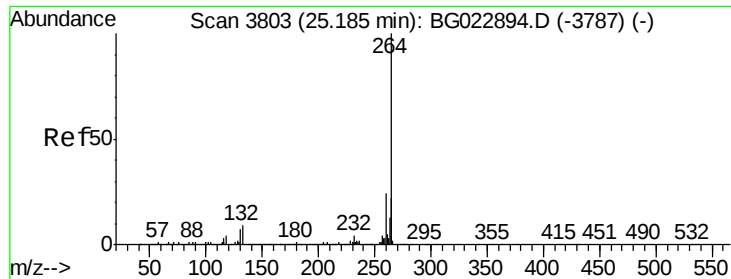
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.64 ng
RT: 29.13 min Scan# 4475
Delta R.T. 0.11 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:276 Resp: 1562102
Ion Ratio Lower Upper
276 100
138 8.7 0.0 0.0#
277 26.1 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

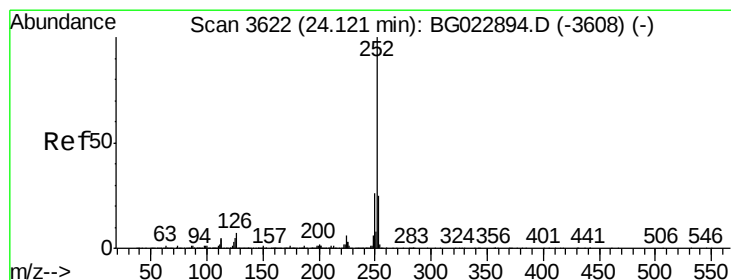
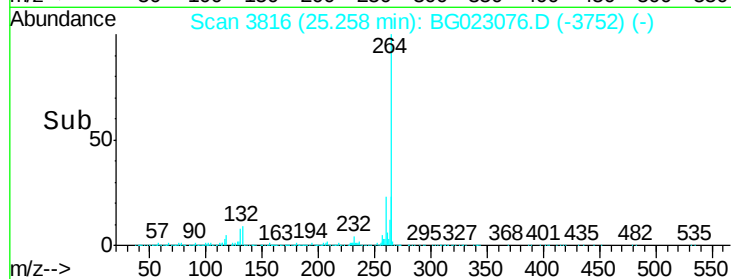
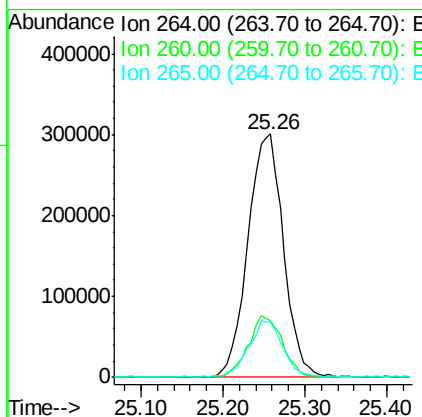
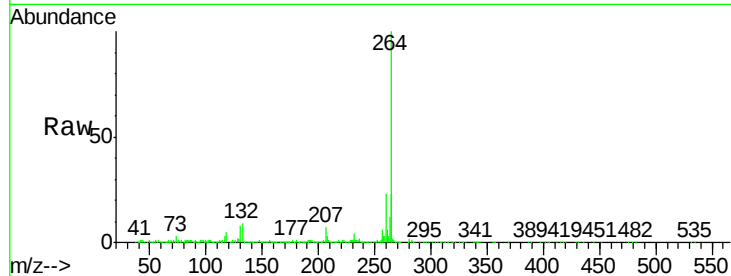




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. 0.07 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

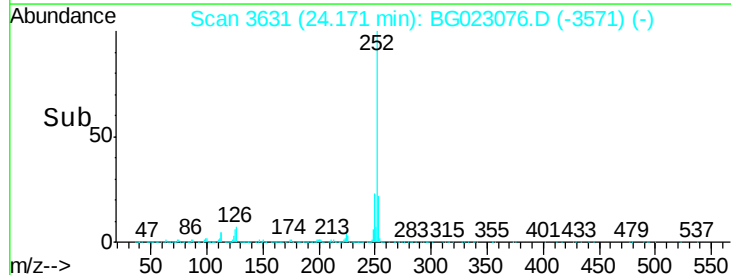
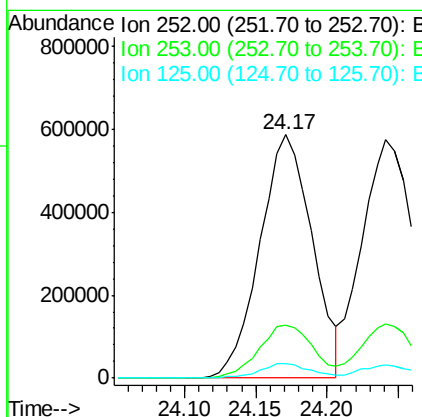
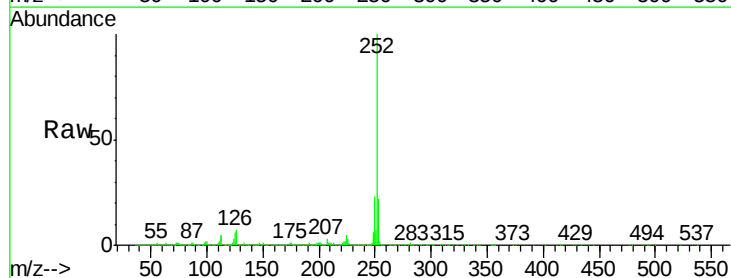
Instrument :
BNA_G
ClientSampleId :
P7-B5(6-12)CMS

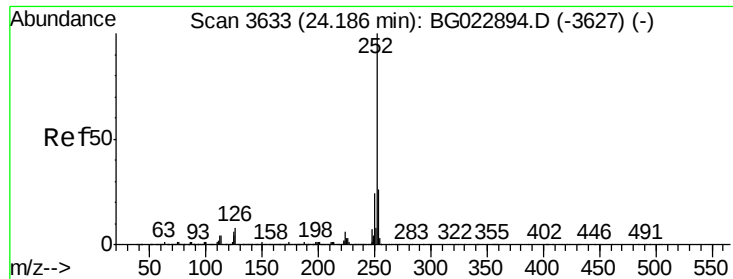
Tot Ion:264 Resp: 907597
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 23.0 18.9 28.3



#87
Benzo(b)fluoranthene
Concen: 28.60 ng m
RT: 24.17 min Scan# 3631
Delta R.T. 0.05 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:252 Resp: 1497428
Ion Ratio Lower Upper
252 100
253 21.8 18.9 28.3
125 6.0 3.9 5.9#





#88

Benzo(k)fluoranthene

Concen: 28.78 ng

RT: 24.24 min Scan# 3643

Delta R.T. 0.06 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

Instrument :

BNA_G

ClientSampleId :

P7-B5(6-12)CMS

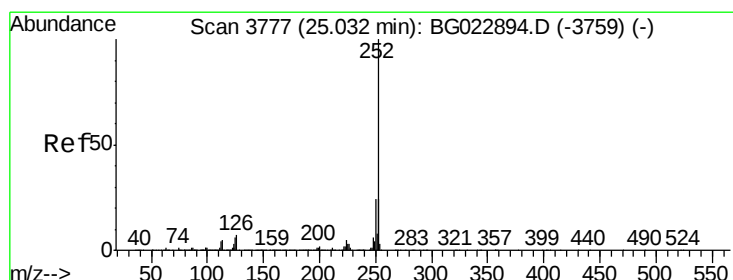
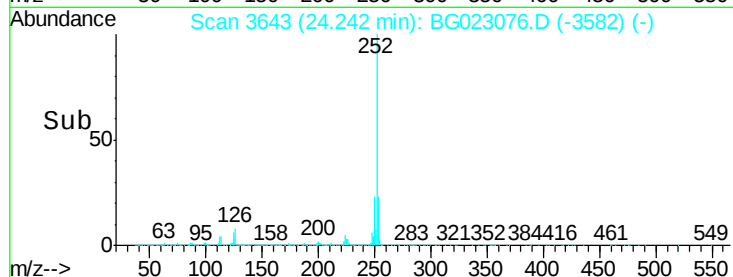
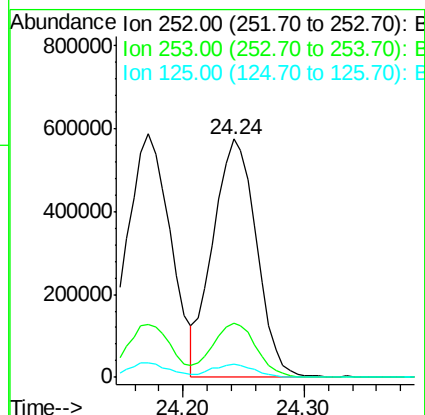
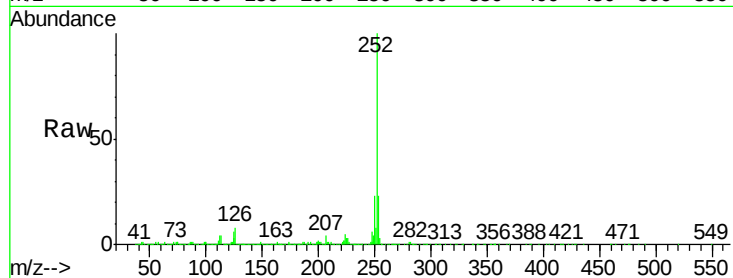
Tot Ion:252 Resp: 1430304

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

125 5.6 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 28.64 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.06 min

Lab File: BG023076.D

Acq: 13 Jul 2016 19:10

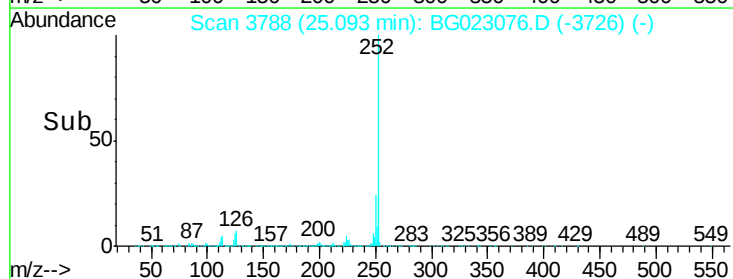
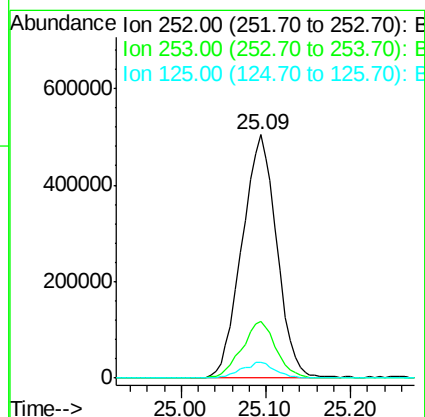
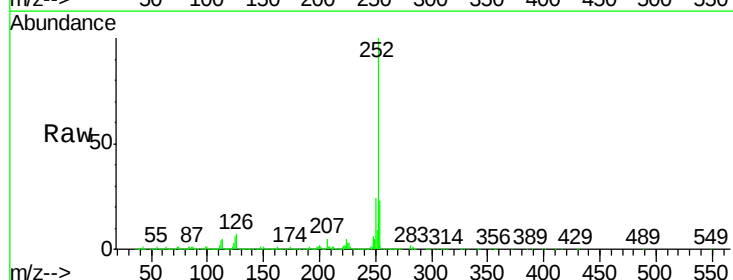
Tgt Ion:252 Resp: 1437799

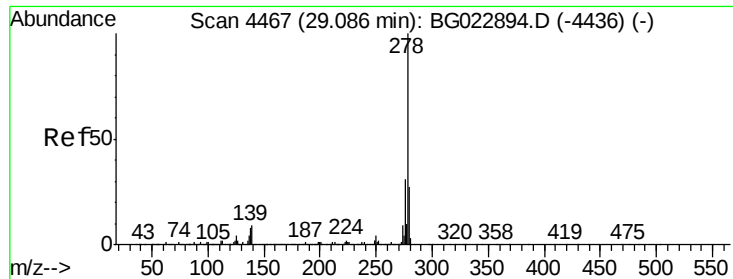
Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 6.4 3.9 5.9#

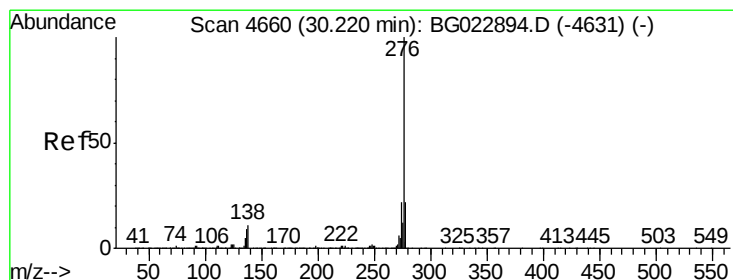
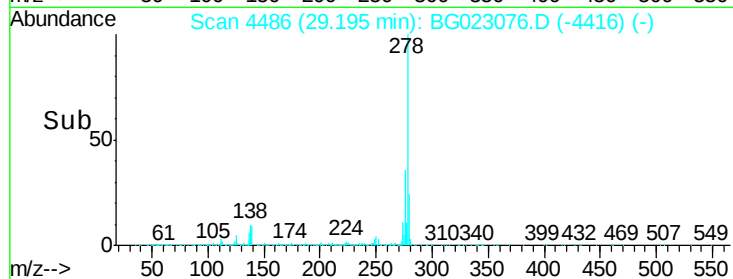
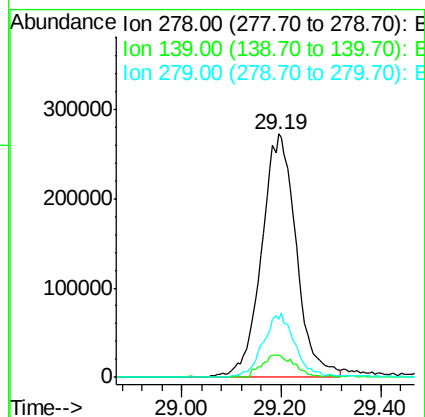
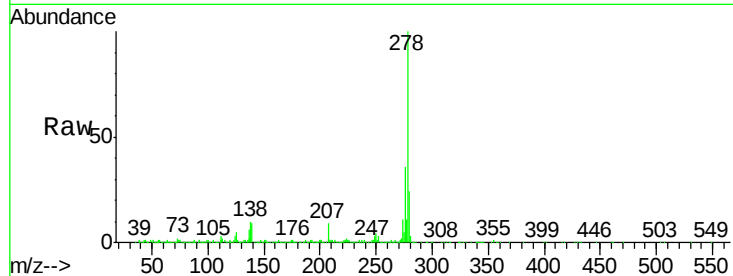




#90
Dibenzo(a,h)anthracene
Concen: 26.40 ng
RT: 29.19 min Scan# 4486
Delta R.T. 0.11 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

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

Tot Ion:278 Resp: 1315306
Ion Ratio Lower Upper
278 100
139 9.2 4.7 7.1#
279 23.9 18.3 27.5



#91
Benzo(g,h,i)perylene
Concen: 25.70 ng
RT: 30.34 min Scan# 4681
Delta R.T. 0.12 min
Lab File: BG023076.D
Acq: 13 Jul 2016 19:10

Tgt Ion:276 Resp: 1282293
Ion Ratio Lower Upper
276 100
277 22.6 18.6 27.8
138 11.5 6.8 10.2#

