

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028771.D
 Acq On : 15 Sep 2017 17:21
 Operator : SJ/JU
 Sample : I5167-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 04:52:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	23809	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	113323	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	97523	20.00	ng	-0.04
63) Phenanthrene-d10	17.67	188	253169	20.00	ng	-0.03
75) Chrysene-d12	22.00	240	304653	20.00	ng	-0.04
86) Perylene-d12	25.46	264	300156	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	99414	68.90	ng	-0.05
7) Phenol-d6	7.45	99	90933	41.86	ng	-0.04
23) Nitrobenzene-d5	9.46	82	208905	88.19	ng	-0.04
41) 2,4,6-Tribromophenol	16.41	330	231880	143.76	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	599168	81.92	ng	-0.04
78) Terphenyl-d14	20.25	244	1160696	81.25	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.78	88	9132	15.628	ng	90
3) Pyridine	4.18	79	20073	12.043	ng	97
6) Aniline	7.61	93	61114	24.171	ng	92
8) 2-Chlorophenol	7.86	128	61089	37.978	ng	88
9) Benzaldehyde	7.43	77	45216	33.547	ng	97
10) Phenol	7.47	94	34072	14.861	ng	90
11) bis(2-Chloroethyl)ether	7.70	93	69339	42.123	ng	94
12) 1,3-Dichlorobenzene	8.18	146	65832	38.008	ng	89
13) 1,4-Dichlorobenzene	8.33	146	69927	39.262	ng	100
14) 1,2-Dichlorobenzene	8.65	146	65670	37.321	ng	97
15) Benzyl Alcohol	8.53	79	50495	29.774	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	119866	40.066	ng	98
17) 2-Methylphenol	8.73	107	50803	33.909	ng	90
18) Hexachloroethane	9.37	117	26125	40.021	ng	96
19) n-Nitroso-di-n-propylamine	9.09	70	66046	42.885	ng	# 84
20) 3+4-Methylphenols	9.06	107	61963	29.568	ng	89
22) Acetophenone	9.12	105	128783	38.866	ng	# 88
24) Nitrobenzene	9.50	77	104125	39.694	ng	92
25) Isophorone	10.02	82	197690	41.243	ng	# 96
26) 2-Nitrophenol	10.22	139	43110	38.615	ng	# 88
27) 2,4-Dimethylphenol	10.27	122	76967	37.716	ng	95
28) bis(2-Chloroethoxy)methane	10.50	93	107462	41.284	ng	98
29) 2,4-Dichlorophenol	10.76	162	85244	41.983	ng	93
30) 1,2,4-Trichlorobenzene	10.97	180	88975	38.412	ng	98
31) Naphthalene	11.16	128	246656	41.674	ng	99
32) Benzoic acid	10.39	122	12408	13.562	ng	# 83
33) 4-Chloroaniline	11.27	127	60906	24.565	ng	# 91
34) Hexachlorobutadiene	11.44	225	59238	34.722	ng	93
35) Caprolactam	12.06	113	23313	32.018	ng	# 81
36) 4-Chloro-3-methylphenol	12.38	107	104380	39.501	ng	96
37) 2-Methylnaphthalene	12.75	142	201856	45.680	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	136438	34.026	ng	96
40) Hexachlorocyclopentadiene	13.09	237	103305	67.618	ng	95
42) 2,4,6-Trichlorophenol	13.35	196	93059	36.565	ng	97

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Quant Time: Sep 16 04:52:35 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.43	196	105758	41.355	ng	# 92
45) 1,1'-Biphenyl	13.75	154	290441	35.970	ng	97
46) 2-Chloronaphthalene	13.79	162	225485	38.286	ng	99
47) 2-Nitroaniline	14.00	65	91630	41.863	ng	# 86
48) Acenaphthylene	14.64	152	381716	40.569	ng	97
49) Dimethylphthalate	14.36	163	338220	41.358	ng	98
50) 2,6-Dinitrotoluene	14.49	165	76067	41.803	ng	# 82
51) Acenaphthene	14.98	154	236081	41.304	ng	96
52) 3-Nitroaniline	14.82	138	45985	28.577	ng	89
53) 2,4-Dinitrophenol	15.03	184	80828	83.869	ng	92
54) Dibenzofuran	15.31	168	421141	46.204	ng	94
55) 4-Nitrophenol	15.13	139	37948	32.188	ng	# 75
56) 2,4-Dinitrotoluene	15.28	165	117270	45.834	ng	# 83
57) Fluorene	15.96	166	376355	46.250	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	105423	46.774	ng	95
59) Diethylphthalate	15.71	149	365180	43.453	ng	97
60) 4-Chlorophenyl-phenylether	15.94	204	199476	43.049	ng	91
61) 4-Nitroaniline	15.98	138	69209	40.597	ng	88
62) Azobenzene	16.23	77	326211	46.153	ng	92
64) 4,6-Dinitro-2-methylphenol	16.04	198	71089	43.517	ng	98
65) n-Nitrosodiphenylamine	16.16	169	307924	42.428	ng	97
66) 4-Bromophenyl-phenylether	16.84	248	144909	44.483	ng	96
67) Hexachlorobenzene	16.97	284	149721	40.382	ng	# 87
68) Atrazine	17.10	200	131062	42.059	ng	98
69) Pentachlorophenol	17.32	266	146875	87.677	ng	98
70) Phenanthrene	17.71	178	622622	48.092	ng	94
71) Anthracene	17.80	178	593828	45.406	ng	96
72) Carbazole	18.07	167	506985	43.043	ng	94
73) Di-n-butylphthalate	18.59	149	615588	42.623	ng	# 94
74) Fluoranthene	19.71	202	727207	46.003	ng	91
76) Benzidine	19.88	184	155770	19.717	ng	98
77) Pyrene	20.07	202	741380	42.190	ng	96
79) Butylbenzylphthalate	20.93	149	282989	39.875	ng	92
80) Benzo(a)anthracene	21.97	228	773862	42.200	ng	95
81) 3,3'-Dichlorobenzidine	21.87	252	216518	29.122	ng	95
82) Chrysene	22.04	228	719799	41.368	ng	94
83) Bis(2-ethylhexyl)phthalate	21.82	149	400466	39.691	ng	97
84) Di-n-octyl phthalate	23.12	149	699157	39.662	ng	# 88
85) Indeno(1,2,3-cd)pyrene	29.46	276	923733	41.319	ng	99
87) Benzo(b)fluoranthene	24.36	252	802649	44.634	ng	97
88) Benzo(k)fluoranthene	24.36	252	802649	44.684	ng	94
89) Benzo(a)pyrene	25.30	252	760660	44.563	ng	97
90) Dibenzo(a,h)anthracene	29.52	278	771570	43.357	ng	96
91) Benzo(g,h,i)perylene	30.71	276	762108	43.890	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

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Instrument :

BNA_G

ClientSampled :

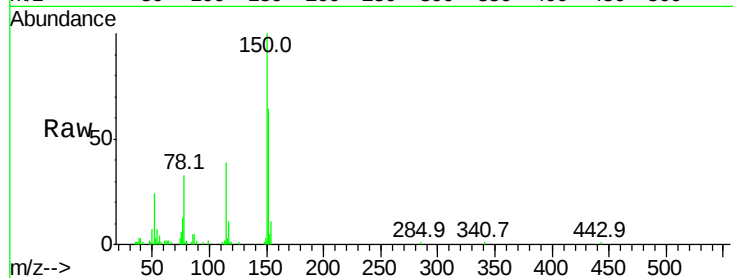
Tot Ion:152 Resp: 23809

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

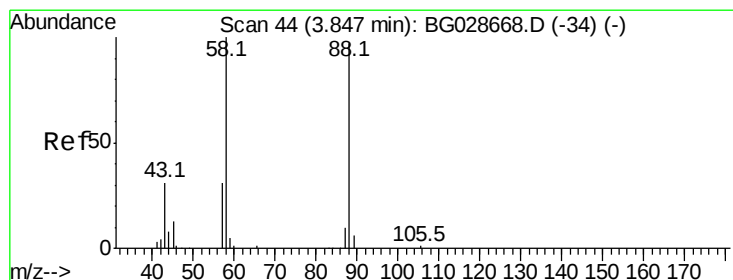
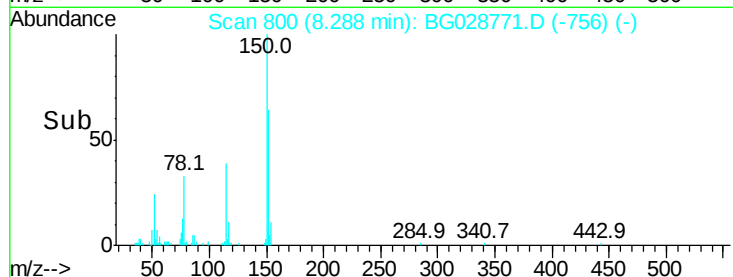
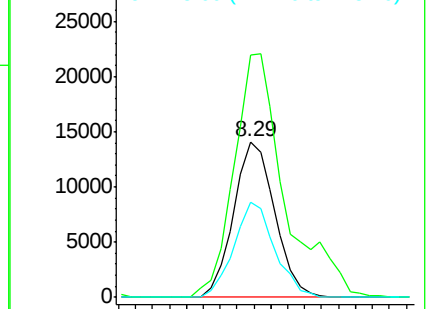
115 60.9 48.1 72.1



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: 15.628 ng

RT: 3.78 min Scan# 33

Delta R.T. -0.07 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

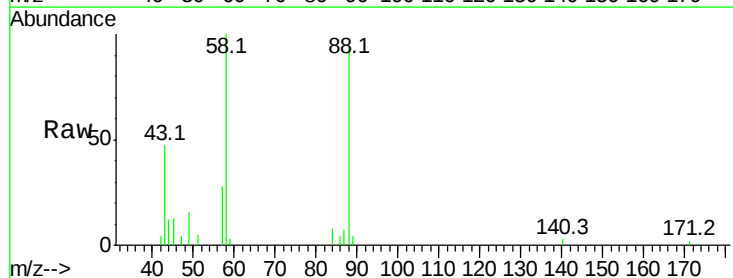
Tgt Ion: 88 Resp: 9132

Ion Ratio Lower Upper

88 100

58 110.9 79.4 119.2

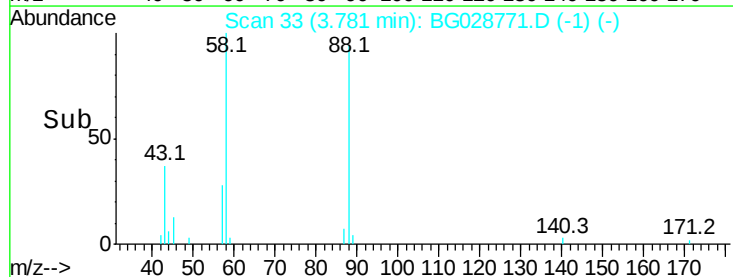
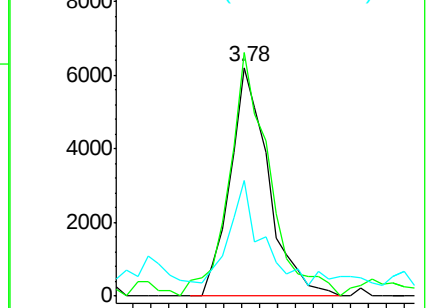
43 37.9 33.8 50.6



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: 12.043 ng

RT: 4.18 min Scan# 101

Delta R.T. -0.06 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

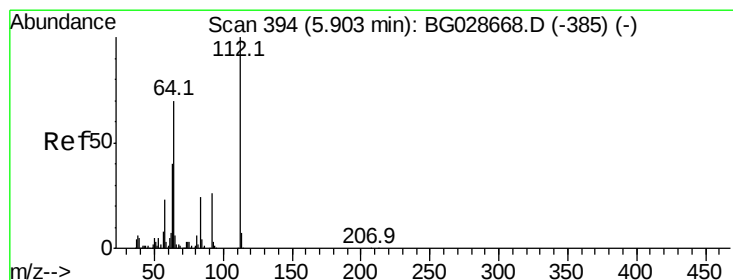
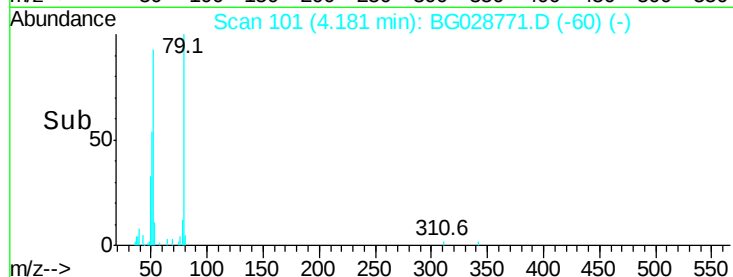
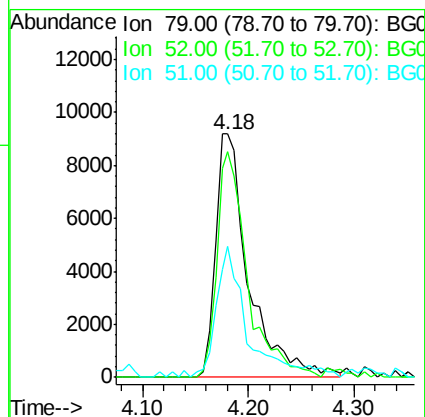
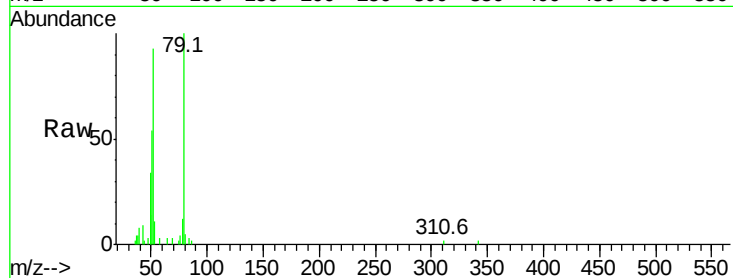
Tot Ion: 79 Resp: 20073

Ion Ratio Lower Upper

79 100

52 92.6 77.8 116.6

51 53.7 43.2 64.8



#5

2-Fluorophenol

Concen: 68.897 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

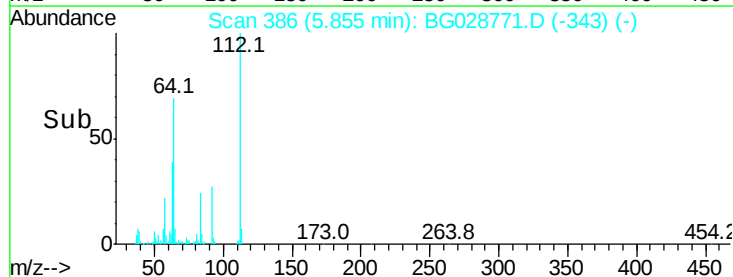
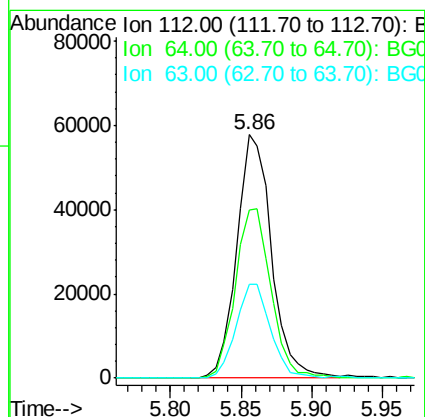
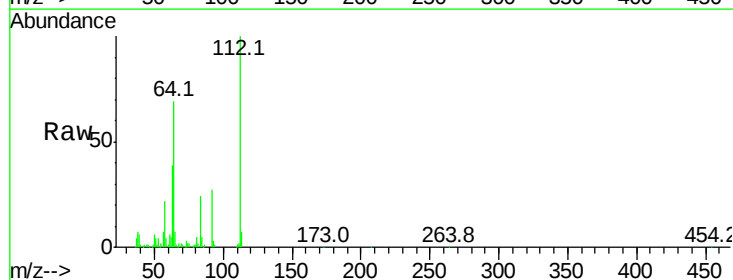
Tgt Ion: 112 Resp: 99414

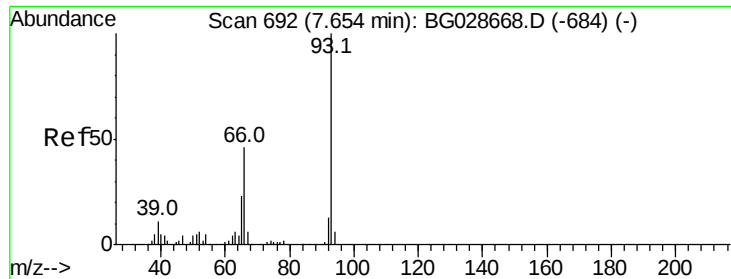
Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

63 38.7 37.2 55.8





#6

Aniline

Concen: 24.171 ng

RT: 7.61 min Scan# 685

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampled :

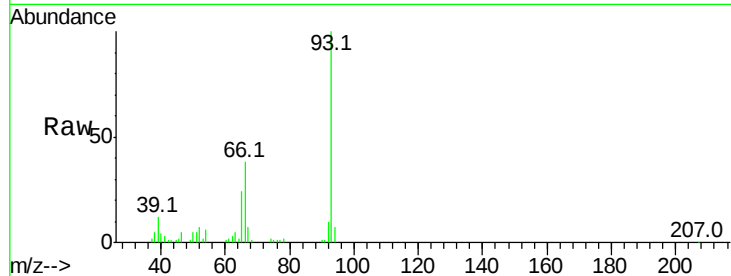
Tot Ion: 93 Resp: 61114

Ion Ratio Lower Upper

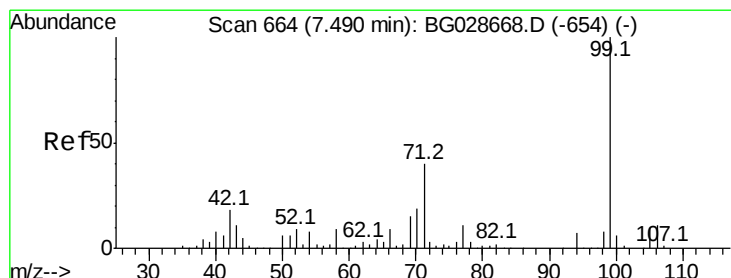
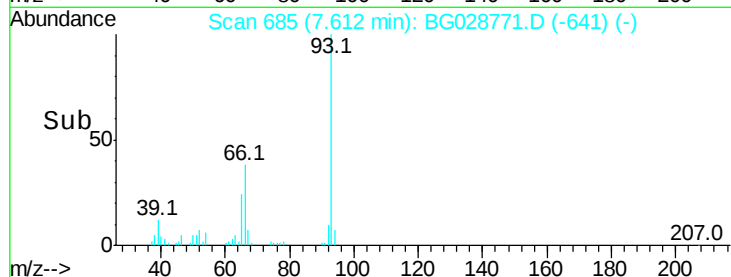
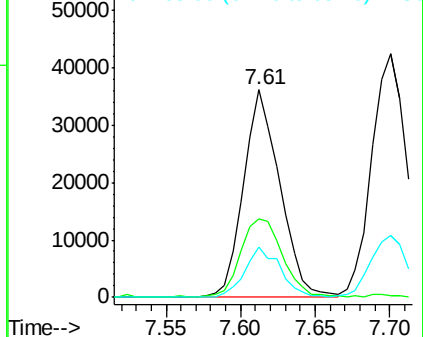
93 100

66 38.0 35.4 53.2

65 24.3 21.2 31.8



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: 41.856 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

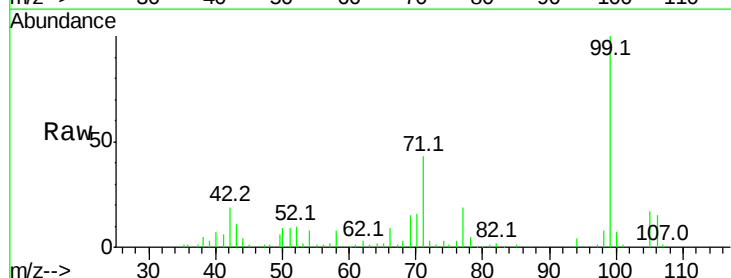
Tgt Ion: 99 Resp: 90933

Ion Ratio Lower Upper

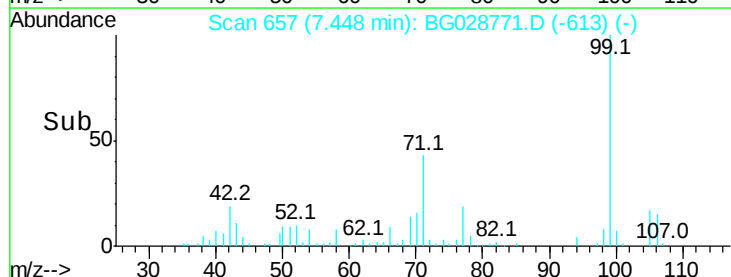
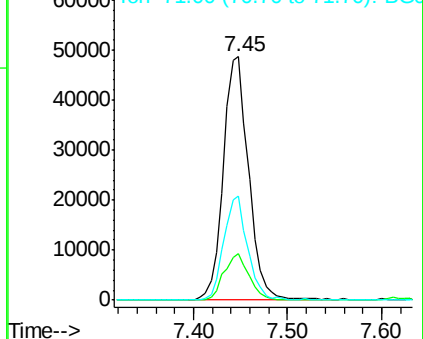
99 100

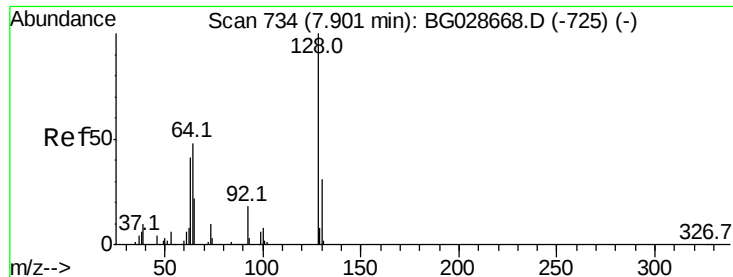
42 19.3 20.5 30.7#

71 42.8 37.6 56.4



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: 37.978 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

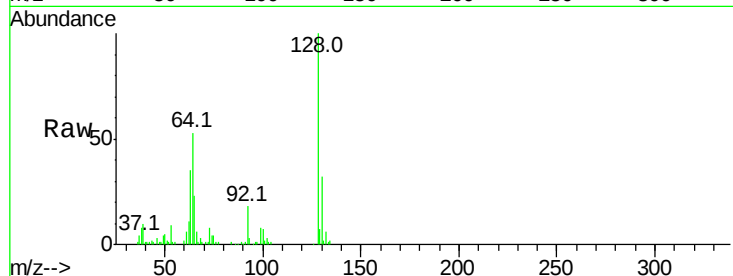
Tot Ion:128 Resp: 61089

Ion Ratio Lower Upper

128 100

130 32.2 11.4 51.4

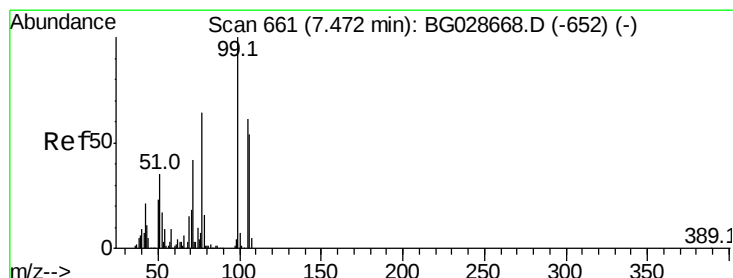
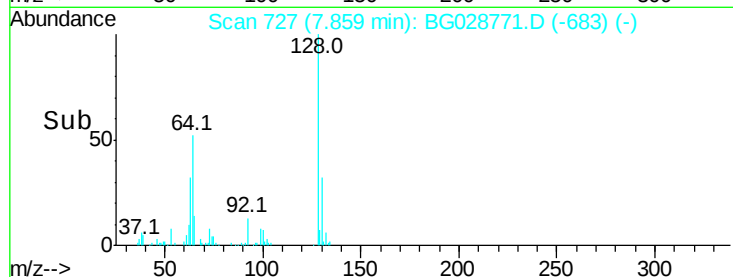
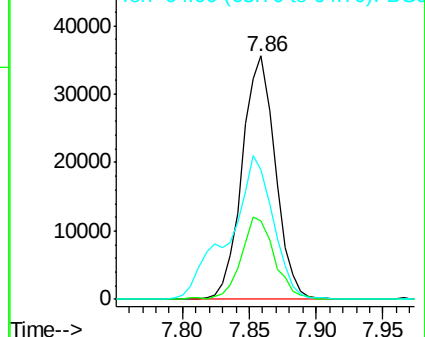
64 53.2 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 33.547 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

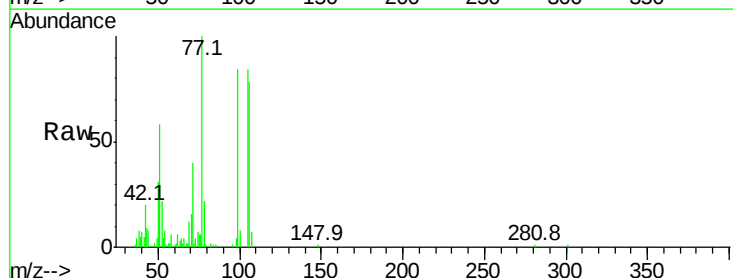
Tgt Ion: 77 Resp: 45216

Ion Ratio Lower Upper

77 100

105 84.2 60.9 100.9

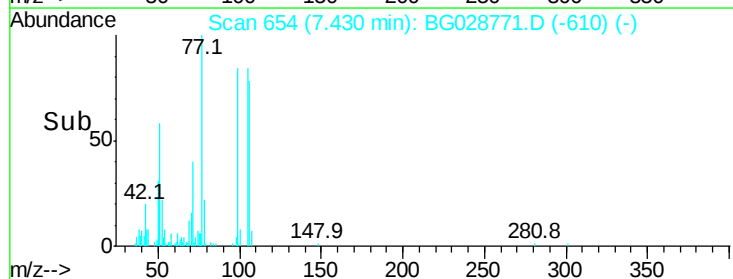
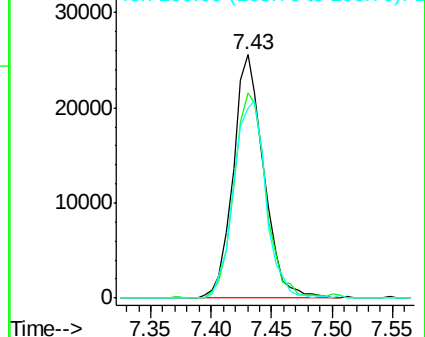
106 77.7 55.1 95.1

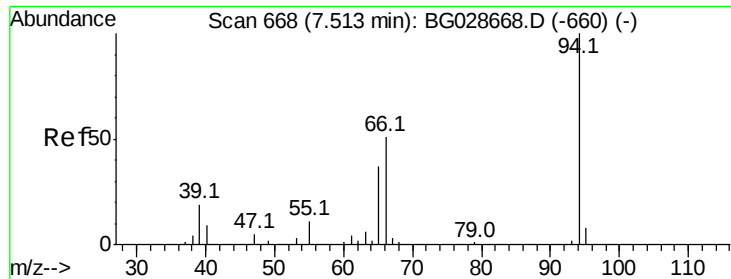


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 14.861 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

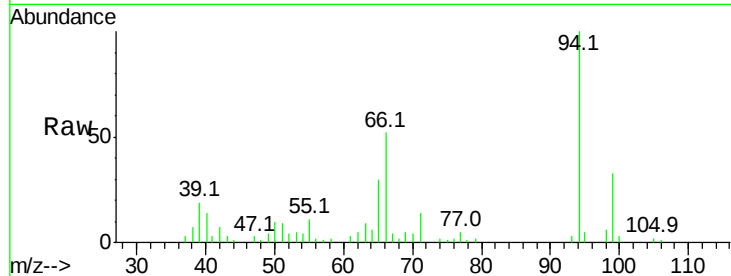
Tot Ion: 94 Resp: 34072

Ion Ratio Lower Upper

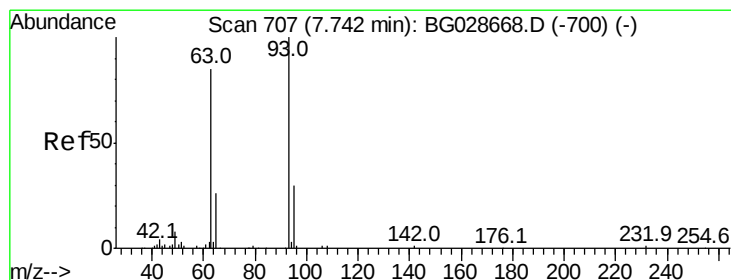
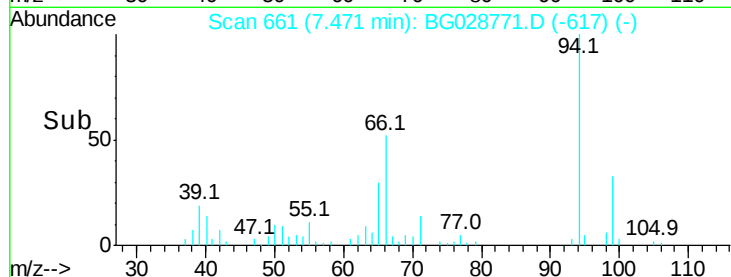
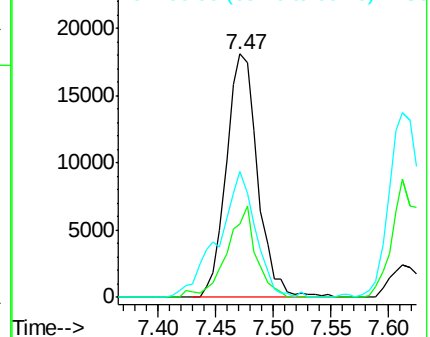
94 100

65 30.3 20.6 60.6

66 51.7 35.5 75.5



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: 42.123 ng

RT: 7.70 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

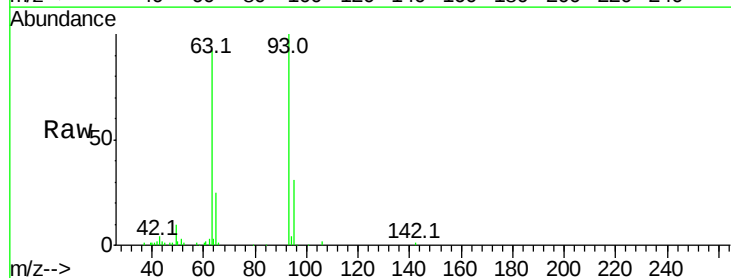
Tgt Ion: 93 Resp: 69339

Ion Ratio Lower Upper

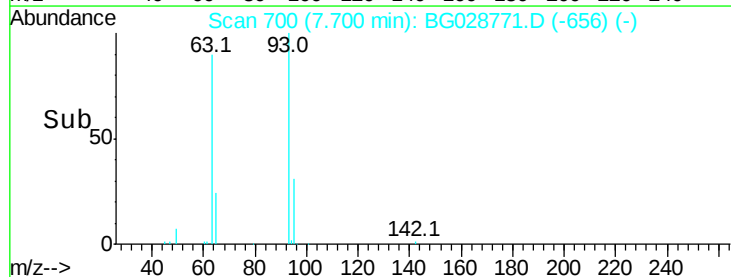
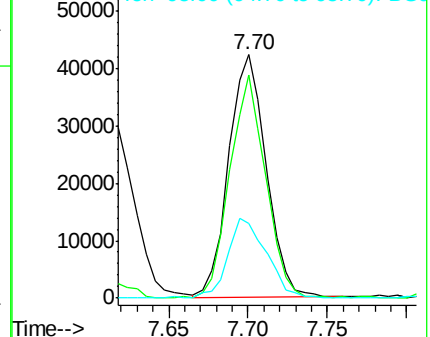
93 100

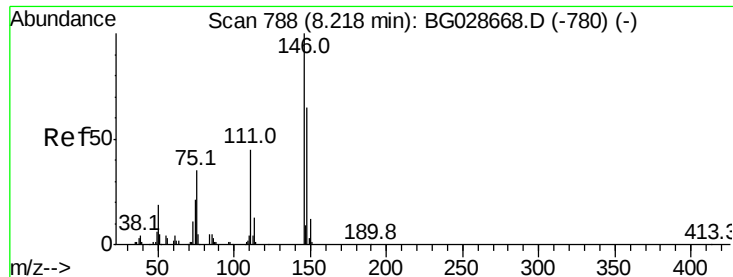
63 91.9 78.5 118.5

95 30.8 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 38.008 ng

RT: 8.18 min Scan# 782

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

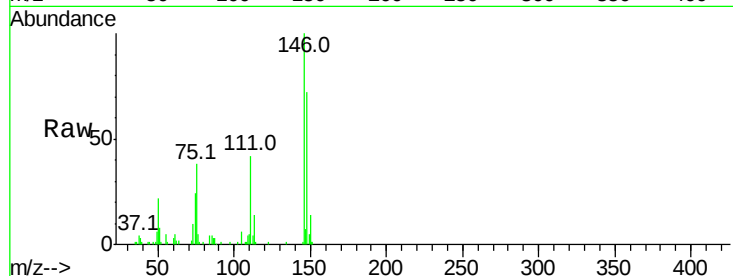
Tot Ion:146 Resp: 65832

Ion Ratio Lower Upper

146 100

148 72.4 49.2 73.8

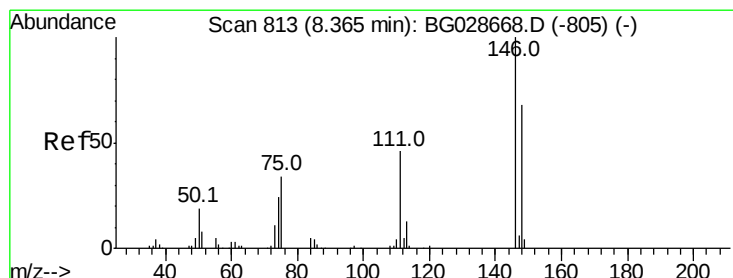
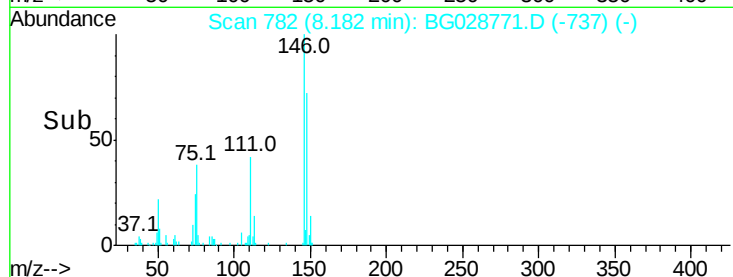
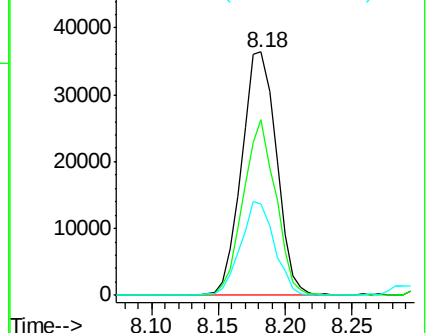
75 37.6 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 39.262 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

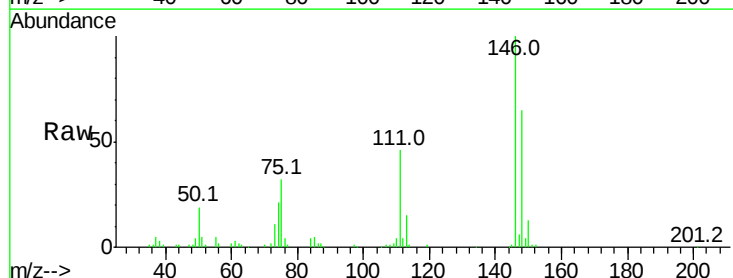
Tgt Ion:146 Resp: 69927

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

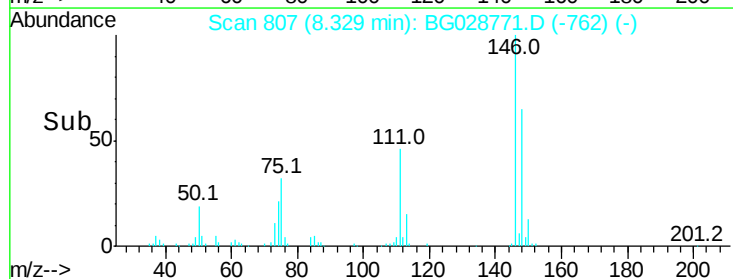
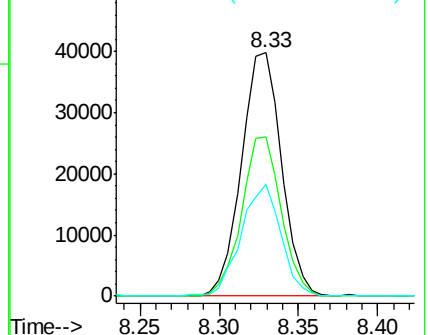
111 45.7 37.0 55.6

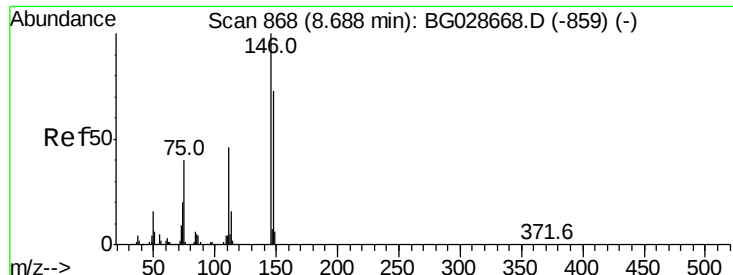


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.321 ng

RT: 8.65 min Scan# 862

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

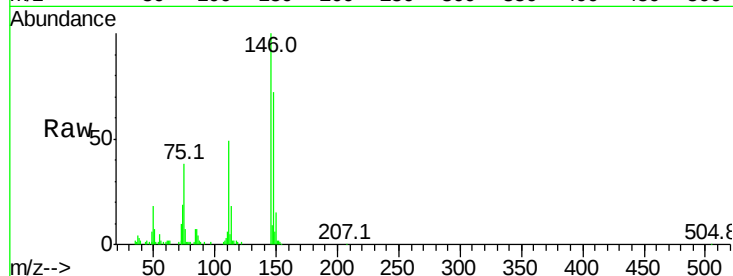
Tot Ion:146 Resp: 65670

Ion Ratio Lower Upper

146 100

148 72.1 54.6 81.8

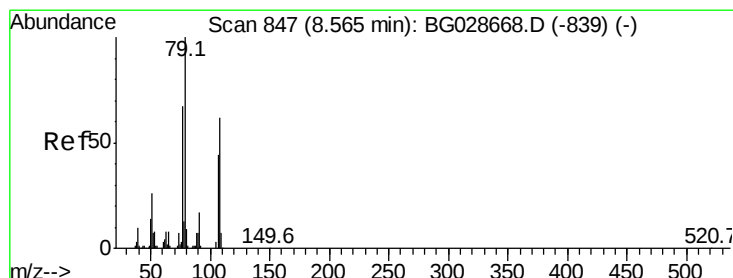
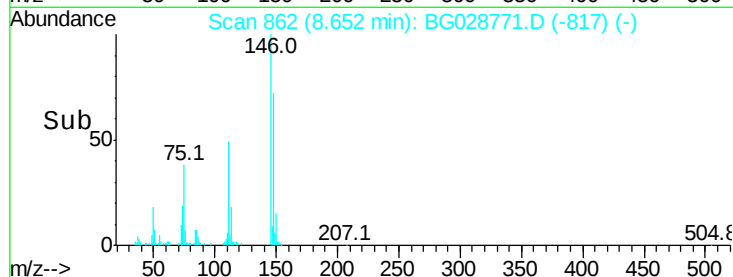
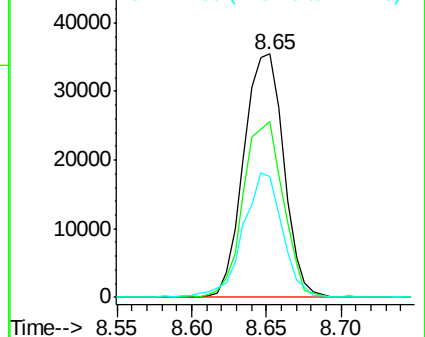
111 49.4 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 29.774 ng

RT: 8.53 min Scan# 841

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

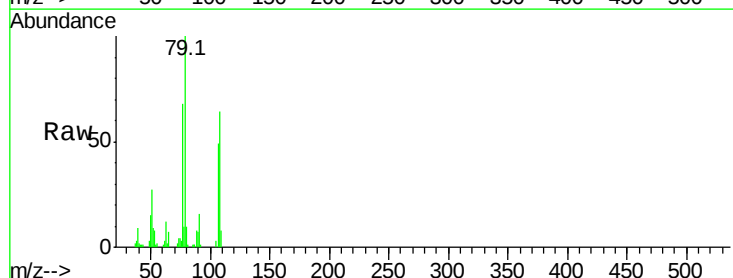
Tgt Ion: 79 Resp: 50495

Ion Ratio Lower Upper

79 100

108 64.2 45.5 68.3

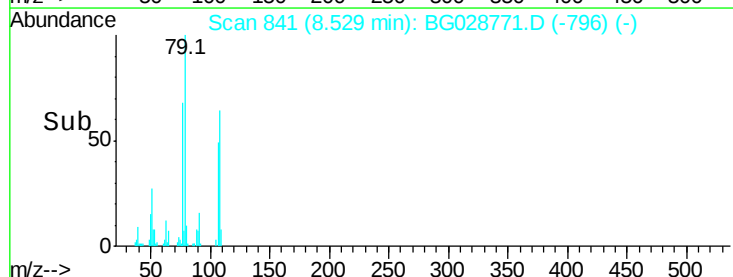
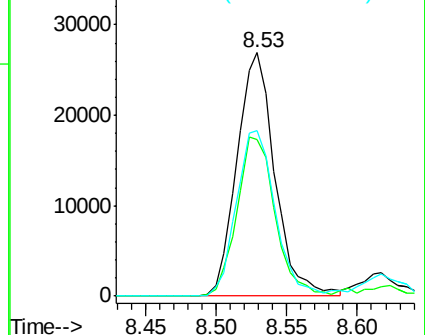
77 67.9 54.3 81.5

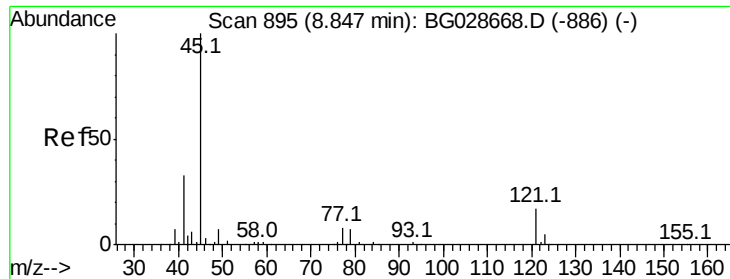


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

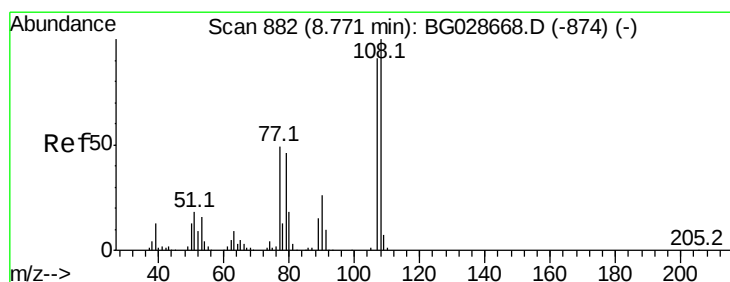
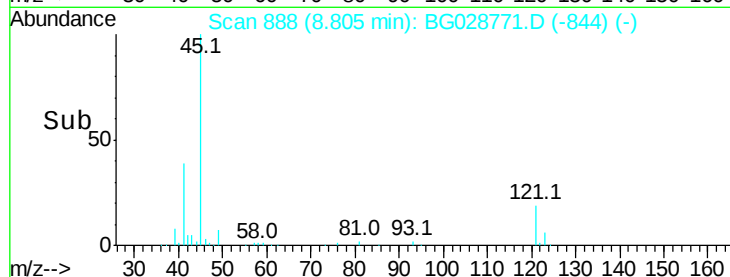
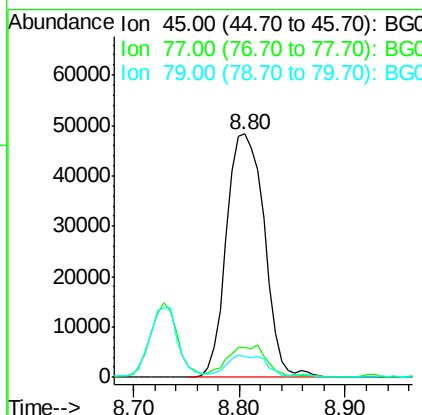
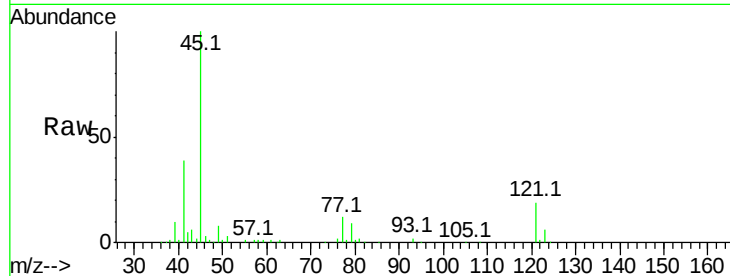




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.066 ng
RT: 8.80 min Scan# 888
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

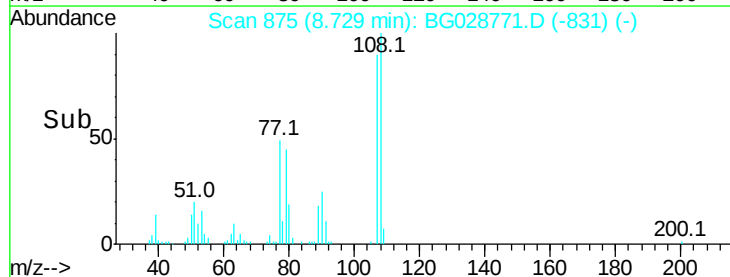
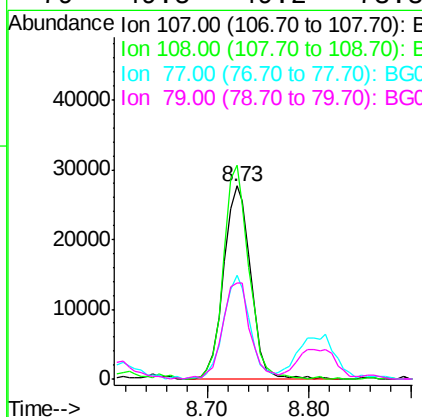
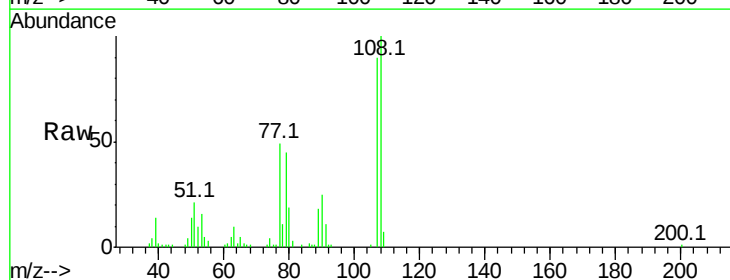
Instrument :
BNA_G
ClientSampleId :

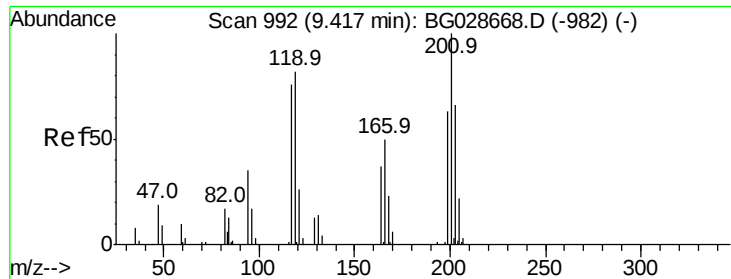
Tot Ion: 45 Resp: 119866
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.6
79 8.8 0.0 28.5



#17
2-Methylphenol
Concen: 33.909 ng
RT: 8.73 min Scan# 875
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:107 Resp: 50803
Ion Ratio Lower Upper
107 100
108 110.8 85.6 128.4
77 53.8 51.4 77.2
79 49.5 49.2 73.8

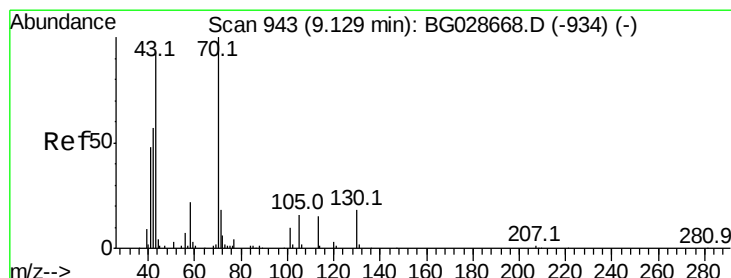
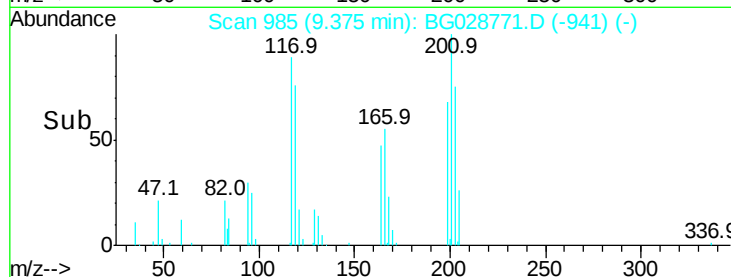
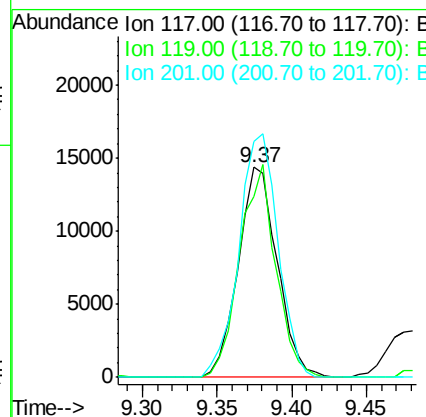
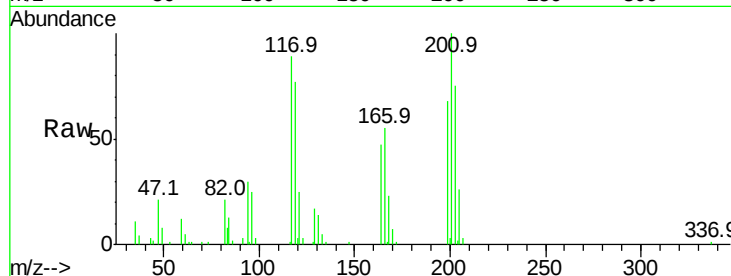




#18
Hexachloroethane
Concen: 40.021 ng
RT: 9.37 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

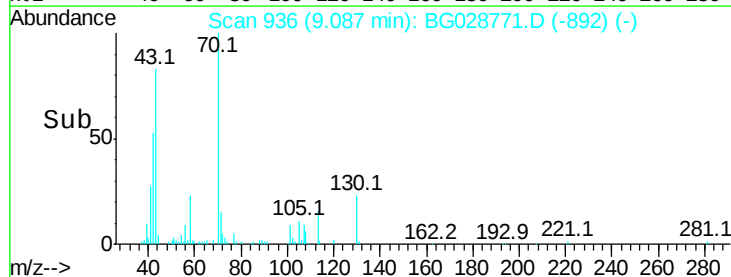
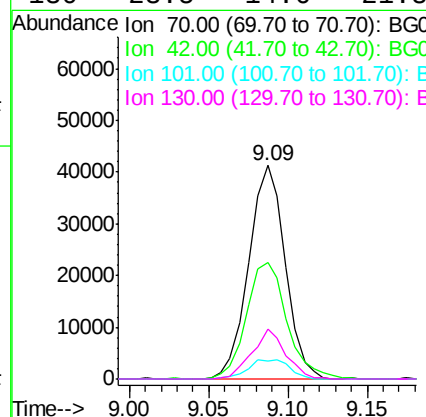
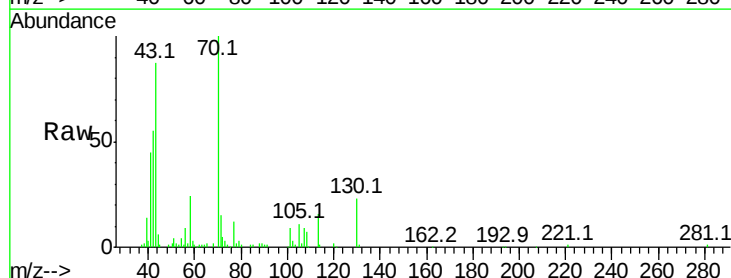
Instrument :
BNA_G
ClientSampleId :

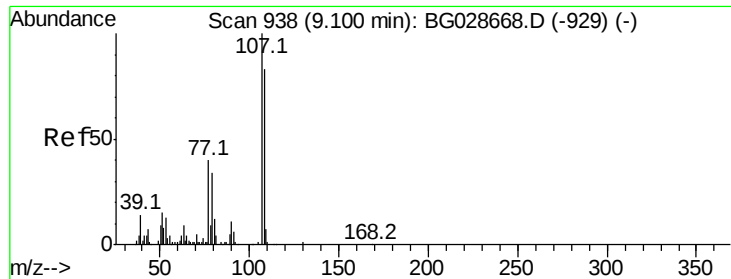
Tot Ion:117 Resp: 26125
Ion Ratio Lower Upper
117 100
119 86.5 69.8 104.6
201 112.4 95.4 143.0



#19
n-Nitroso-di-n-propylamine
Concen: 42.885 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion: 70 Resp: 66046
Ion Ratio Lower Upper
70 100
42 54.8 56.1 84.1#
101 8.6 7.5 11.3
130 23.5 14.6 21.8#

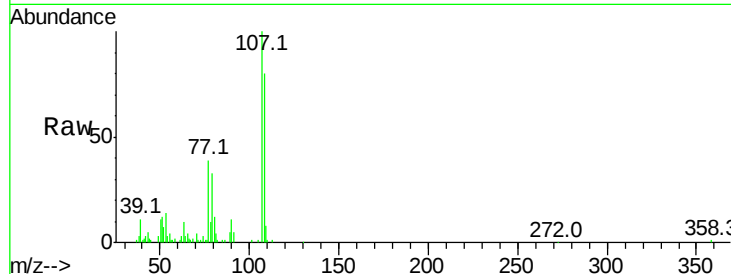




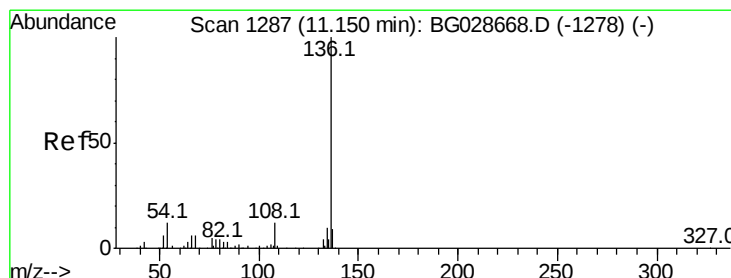
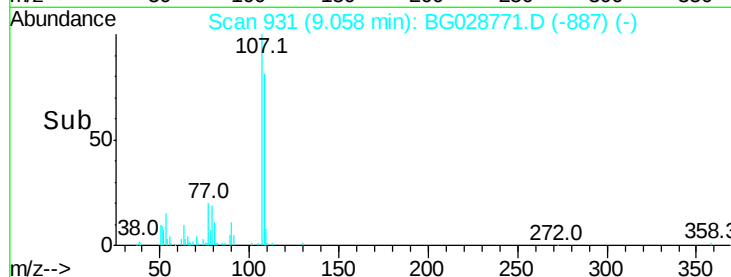
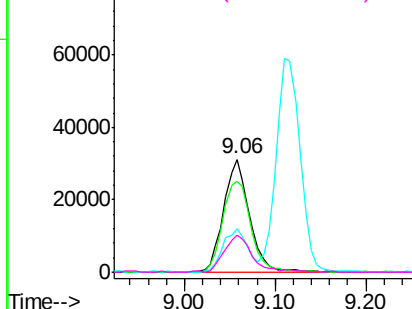
#20
3+4-Methylphenols
Concen: 29.568 ng
RT: 9.06 min Scan# 931
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	61963
Ion	Ratio	Lower	Upper
107	100		
108	80.3	70.8	110.8
77	38.9	25.8	65.8
79	32.6	20.1	60.1

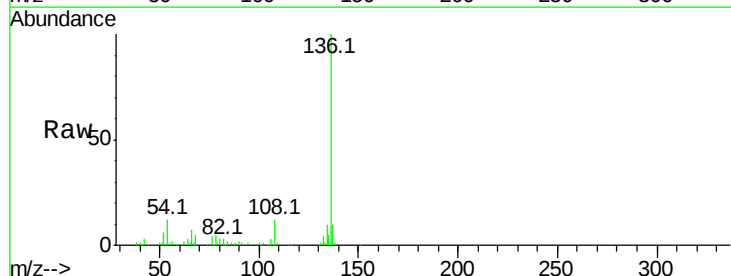


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

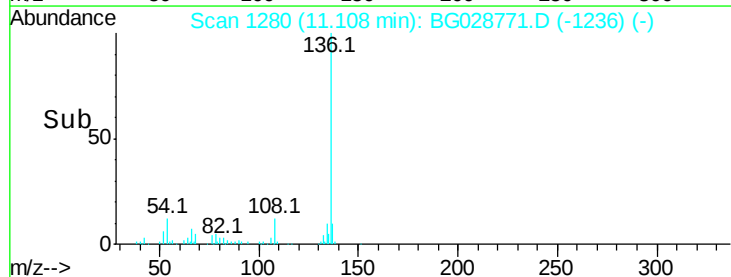
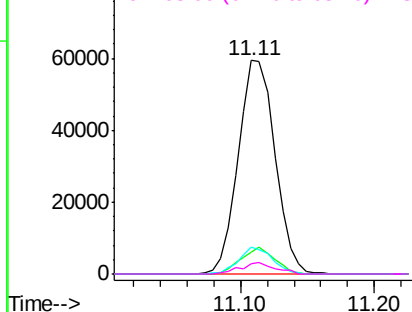


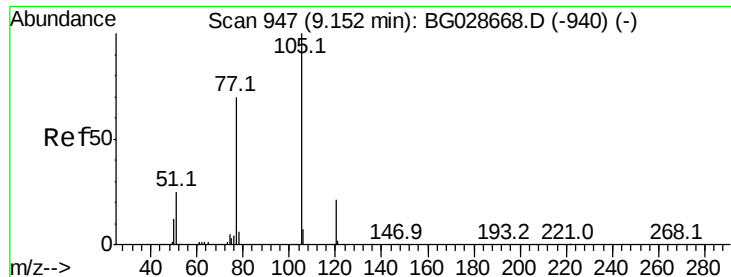
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:	136	Resp:	113323
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	12.4	9.3	13.9
68	4.5	5.1	7.7#



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





#22

Acetophenone

Concen: 38.866 ng

RT: 9.12 min Scan# 941

Delta R.T. -0.04 min

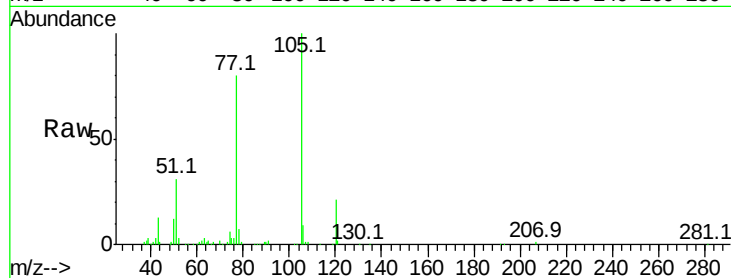
Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :



Tot Ion:105 Resp: 128783

Ion Ratio Lower Upper

105 100

71 0.4 0.9 1.3#

51 30.6 34.0 51.0#

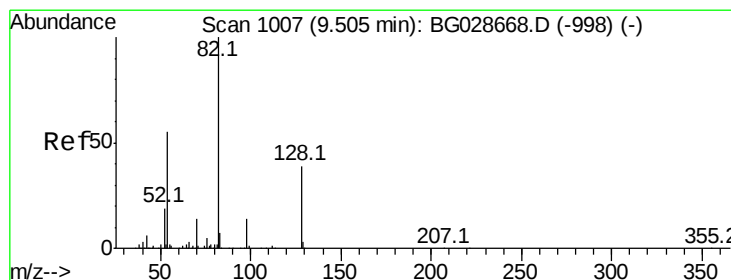
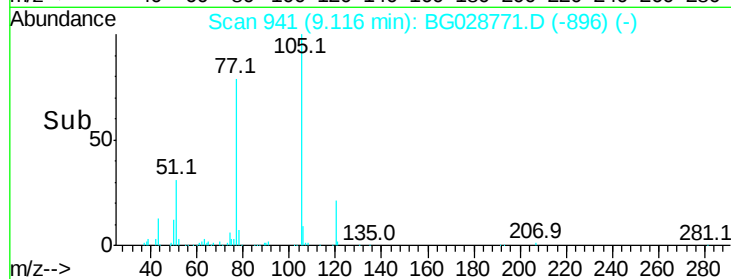
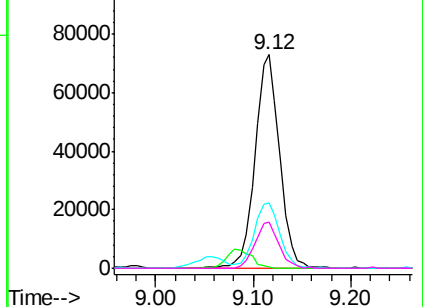
120 21.4 17.3 25.9

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: 88.186 ng

RT: 9.46 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion: 82 Resp: 208905

Ion Ratio Lower Upper

82 100

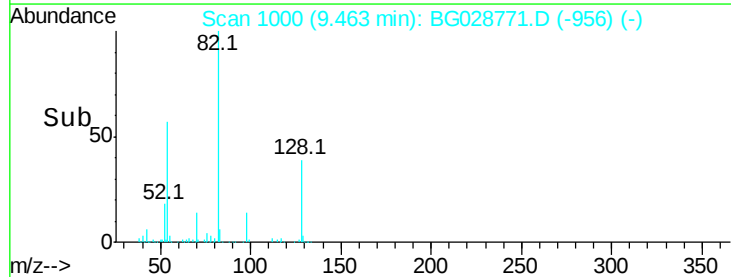
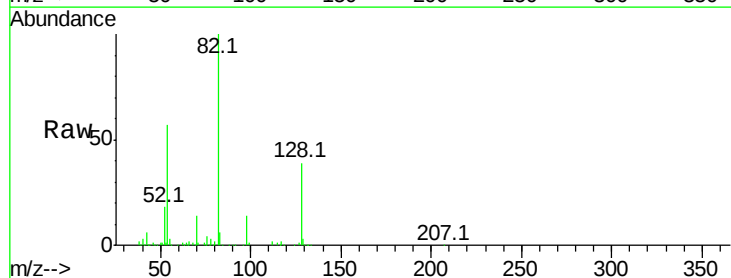
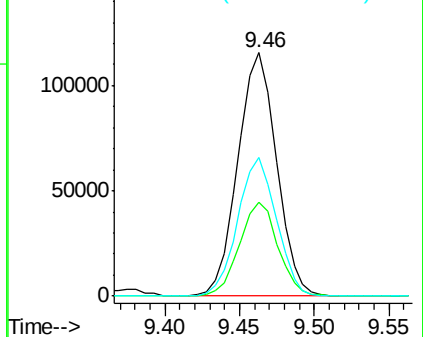
128 38.7 26.4 39.6

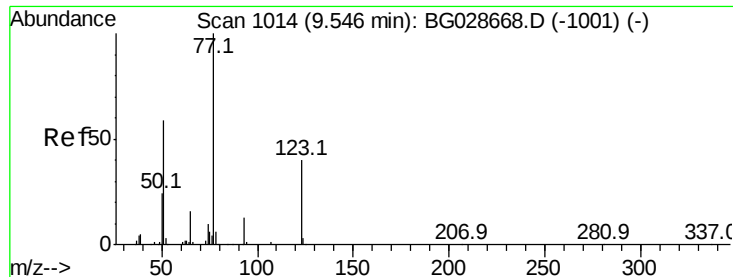
54 57.0 49.4 74.2

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

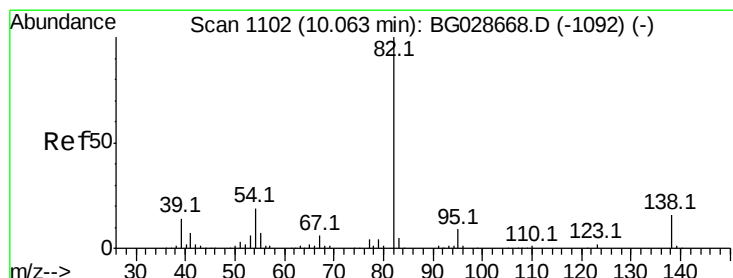
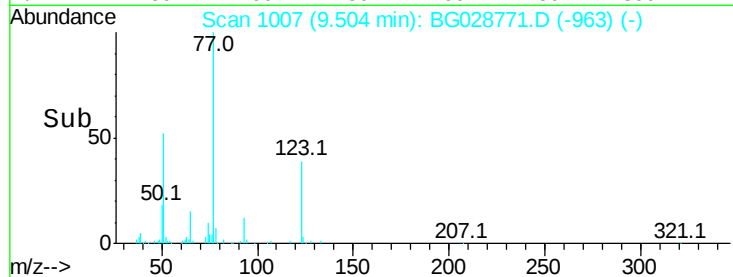
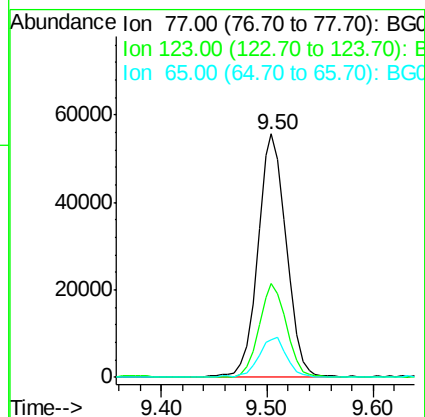
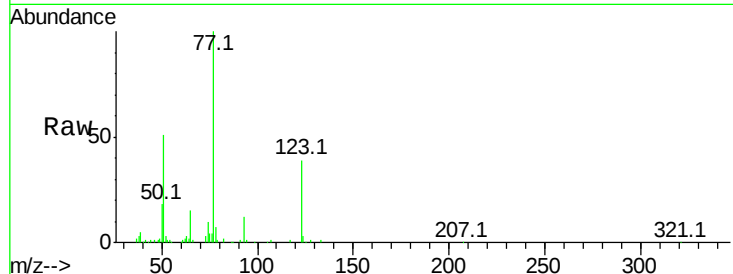




#24
Nitrobenzene
Concen: 39.694 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

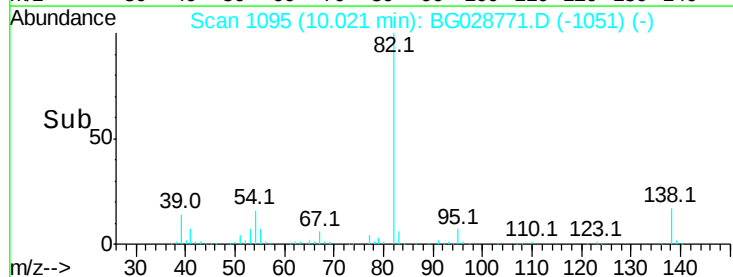
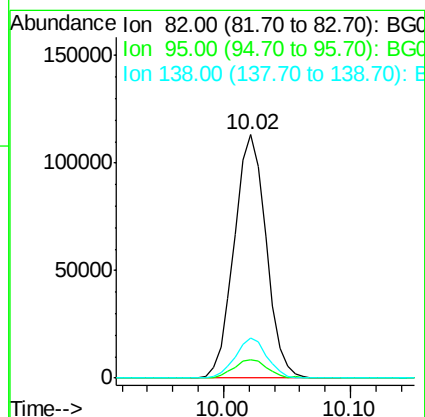
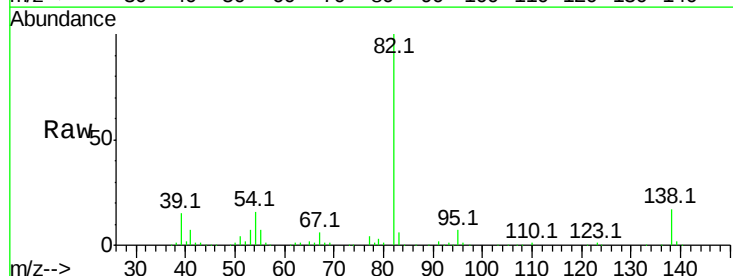
Instrument :
BNA_G
ClientSampleId :

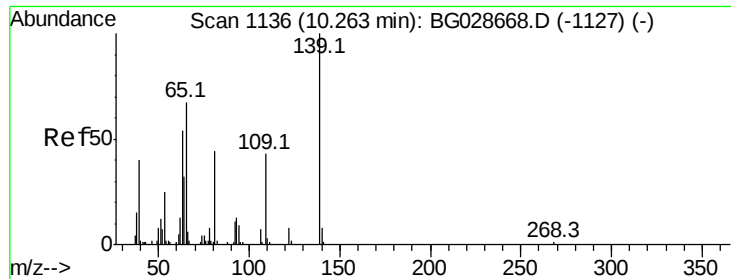
Tot Ion	Ratio	Lower	Upper
77	100		
123	38.8	26.1	39.1
65	15.3	12.4	18.6



#25
Isophorone
Concen: 41.243 ng
RT: 10.02 min Scan# 1095
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	7.5	11.3#
138	16.6	12.3	18.5

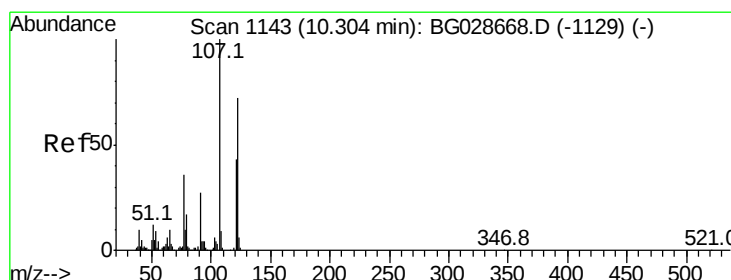
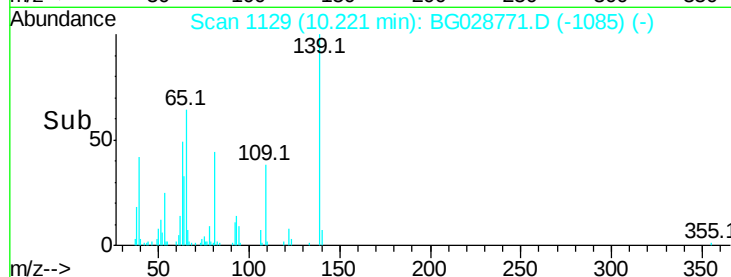
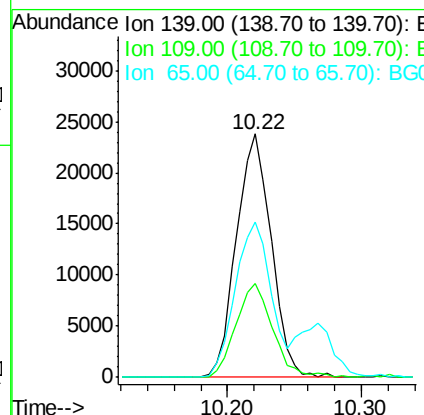
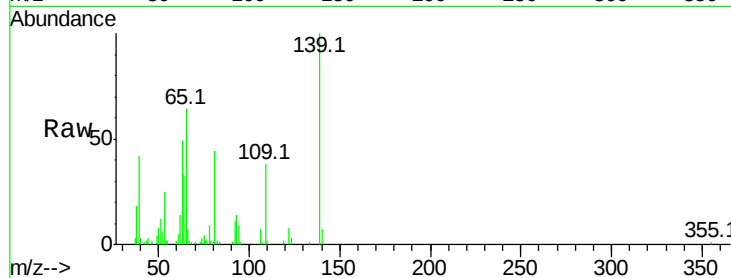




#26
2-Nitrophenol
Concen: 38.615 ng
RT: 10.22 min Scan# 1129
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

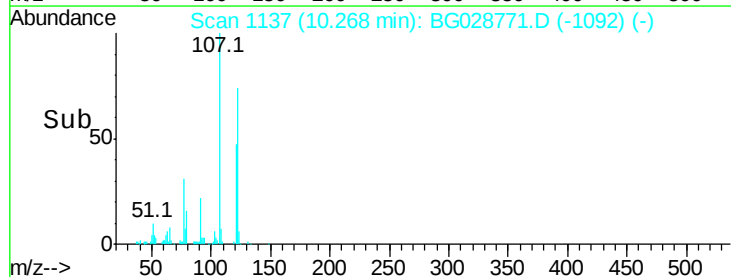
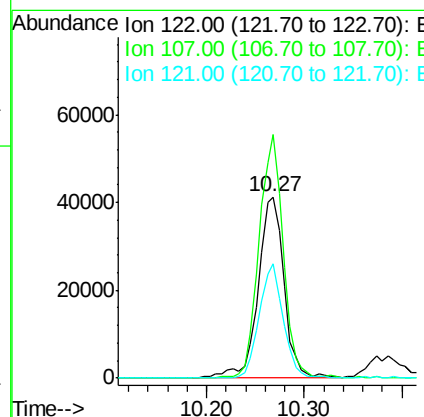
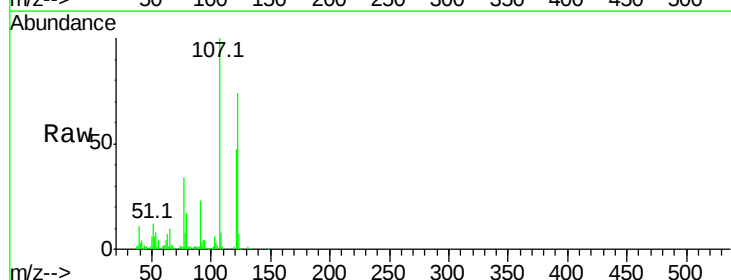
Instrument :
BNA_G
ClientSampleId :

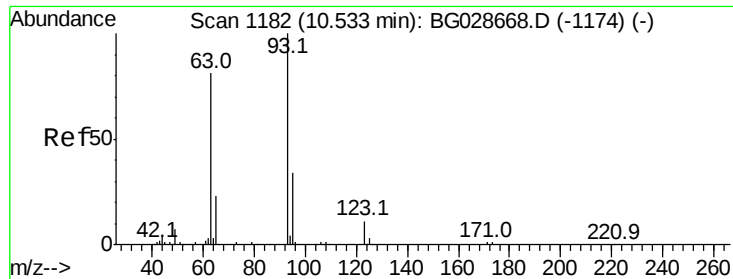
Tot Ion	Ratio	Lower	Upper
139	100		
109	38.4	38.6	58.0#
65	63.6	57.1	85.7



#27
2,4-Dimethylphenol
Concen: 37.716 ng
RT: 10.27 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.3	104.2	156.4
121	62.7	46.0	69.0

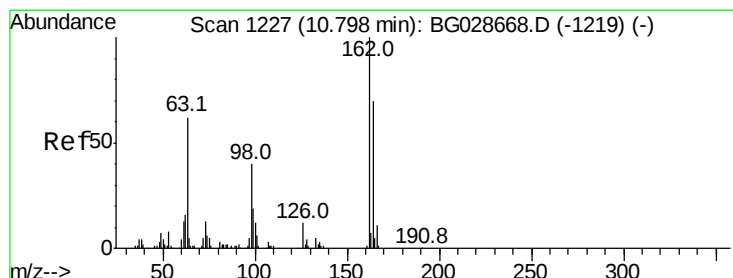
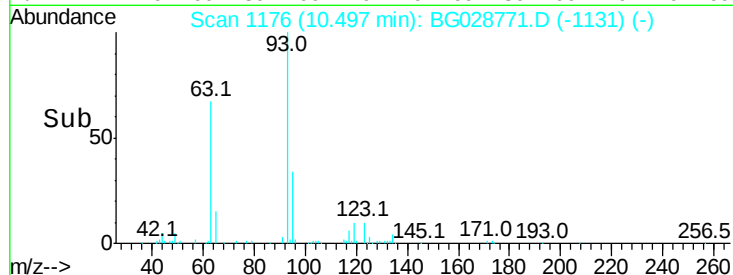
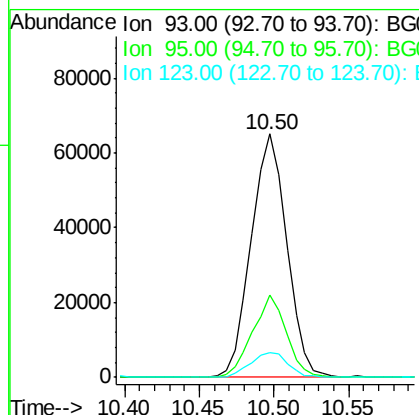
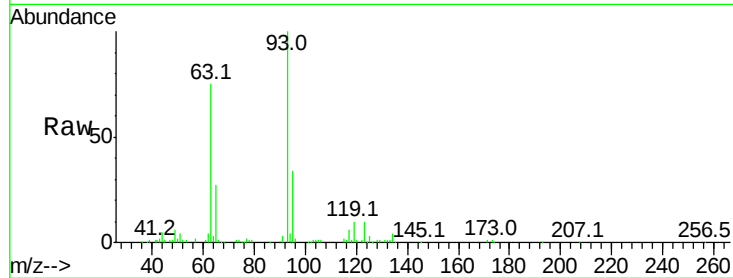




#28
 bis(2-Chloroethoxy)methane
 Concen: 41.284 ng
 RT: 10.50 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

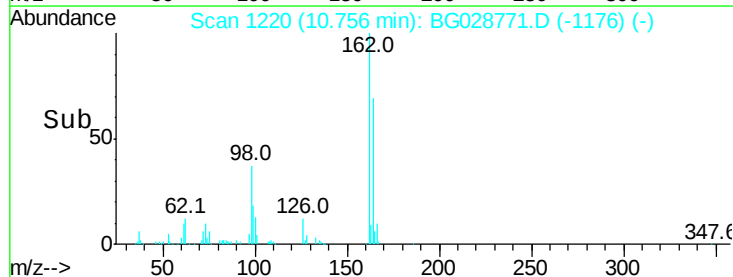
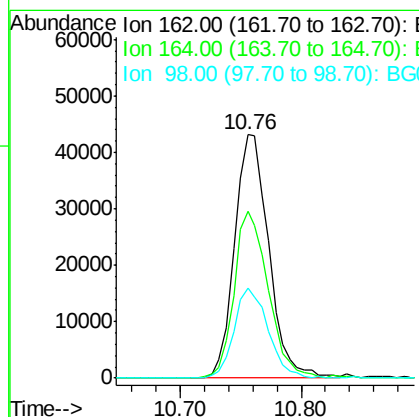
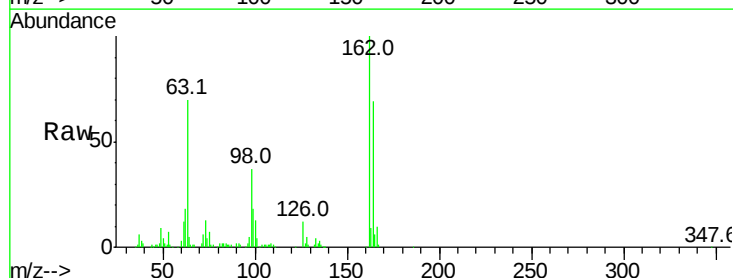
Instrument :
 BNA_G
 ClientSampleId :

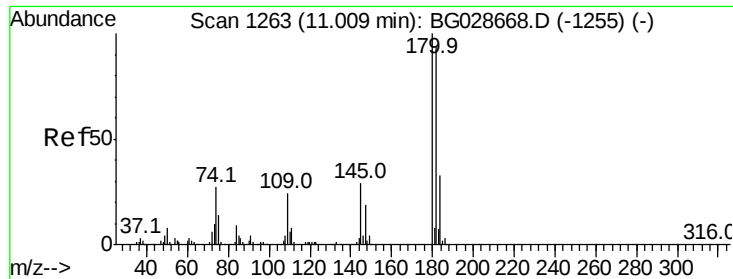
Tot Ion: 93 Resp: 107462
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.7 38.5
 123 10.3 8.3 12.5



#29
 2,4-Dichlorophenol
 Concen: 41.983 ng
 RT: 10.76 min Scan# 1220
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion:162 Resp: 85244
 Ion Ratio Lower Upper
 162 100
 164 68.7 42.4 82.4
 98 36.8 20.3 60.3

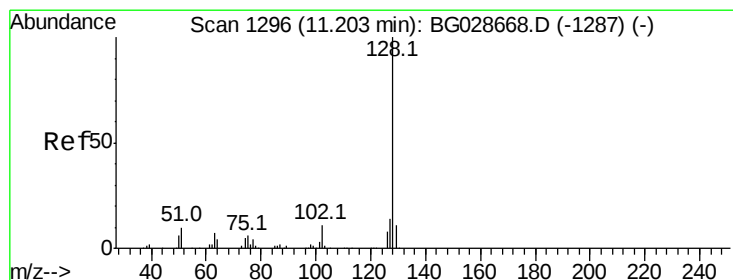
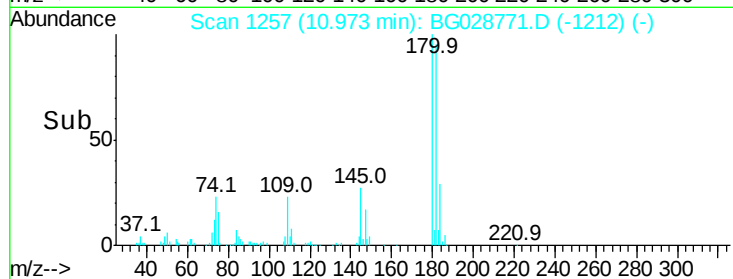
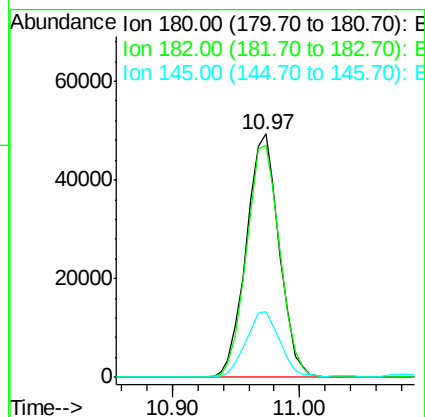
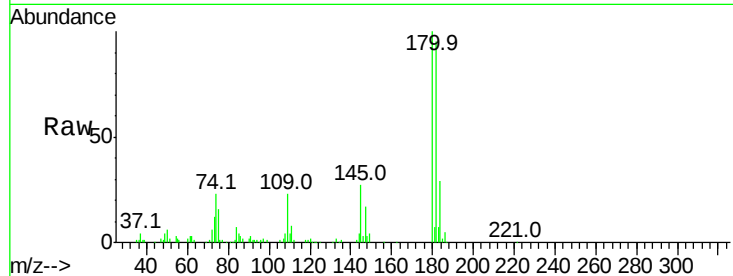




#30
 1,2,4-Trichlorobenzene
 Concen: 38.412 ng
 RT: 10.97 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

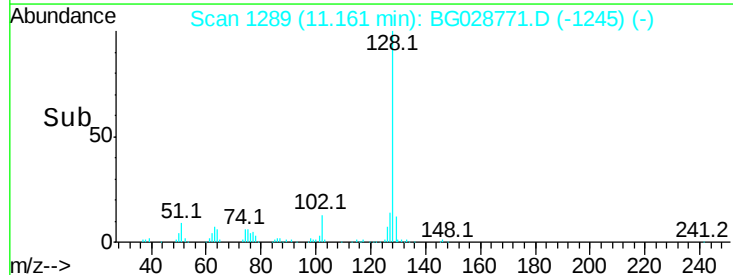
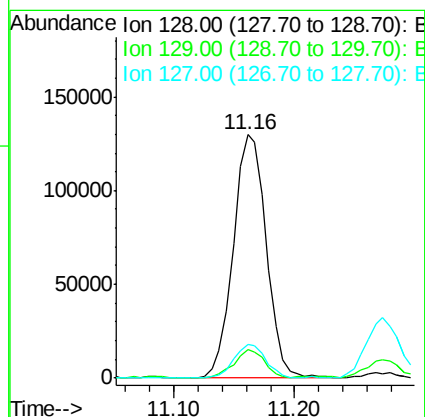
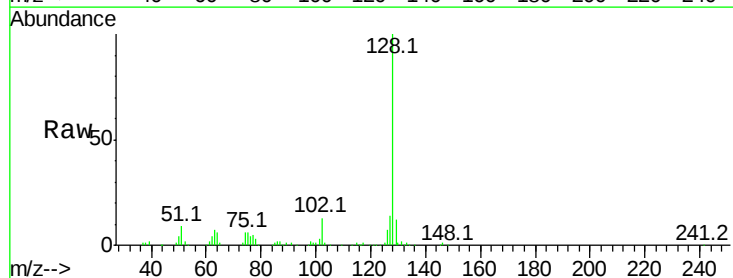
Instrument :
 BNA_G
 ClientSampleId :

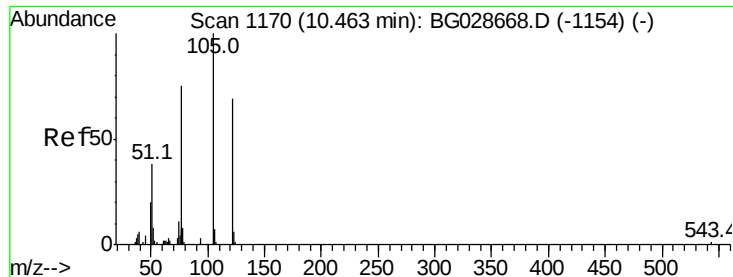
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
145	26.9	23.4	35.0



#31
 Naphthalene
 Concen: 41.674 ng
 RT: 11.16 min Scan# 1289
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.8	11.4	17.0

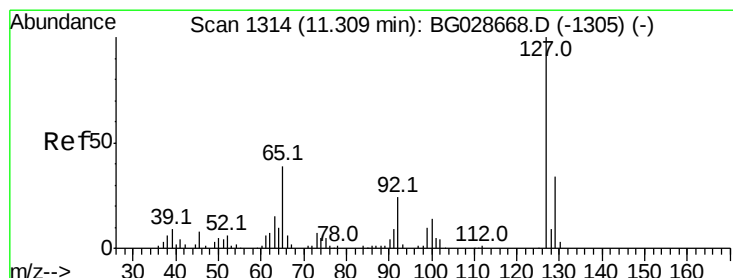
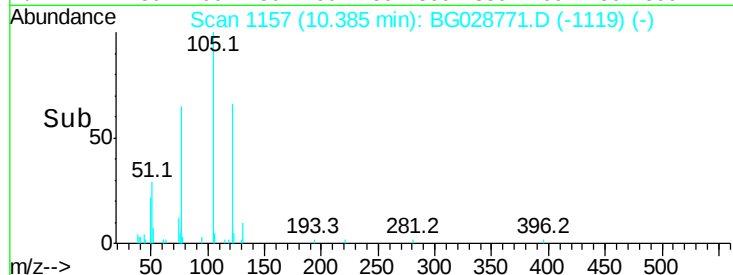
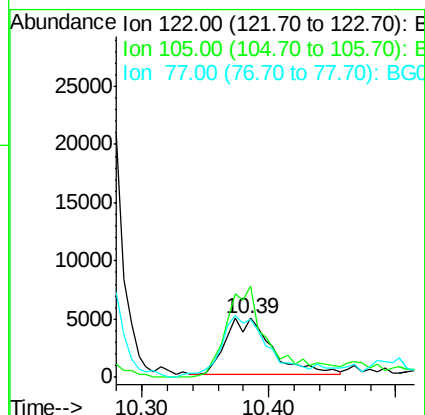
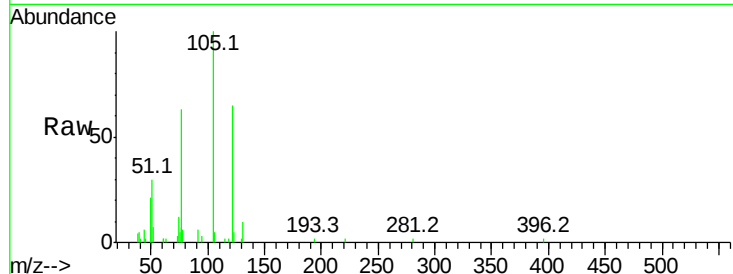




#32
Benzoic acid
Concen: 13.562 ng
RT: 10.39 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

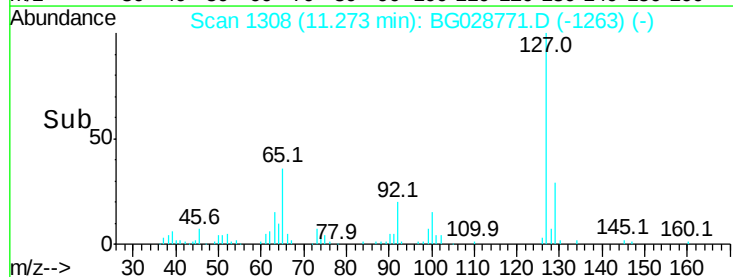
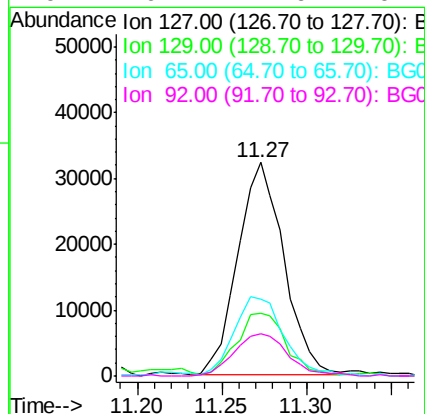
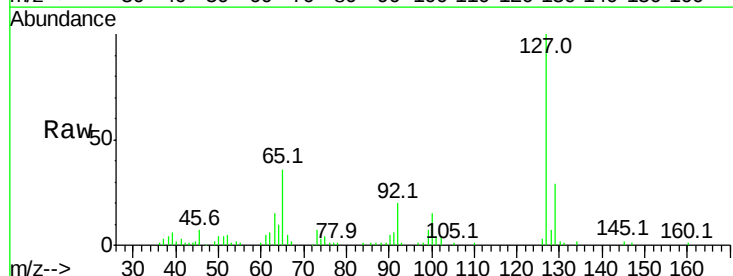
Instrument :
BNA_G
ClientSampleId :

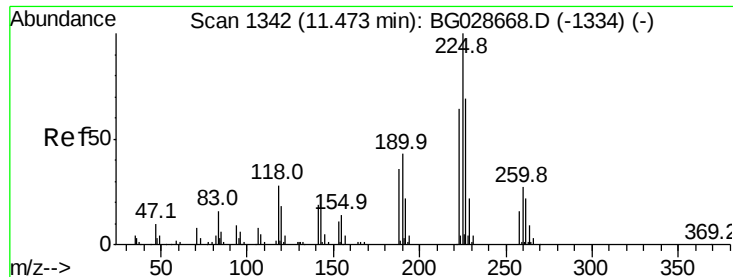
Tot Ion:122 Resp: 12408
Ion Ratio Lower Upper
122 100
105 154.0 120.1 160.1
77 97.4 104.6 144.6#



#33
4-Chloroaniline
Concen: 24.565 ng
RT: 11.27 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:127 Resp: 60906
Ion Ratio Lower Upper
127 100
129 29.5 23.6 35.4
65 36.1 37.7 56.5#
92 20.1 17.6 26.4

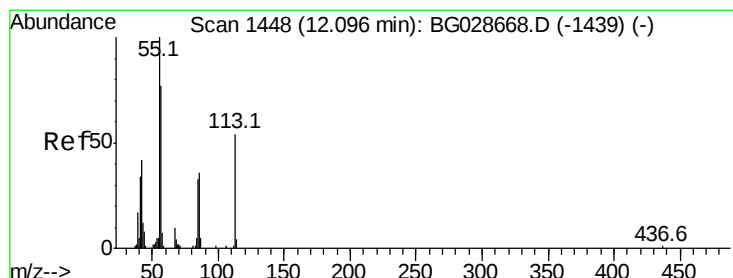
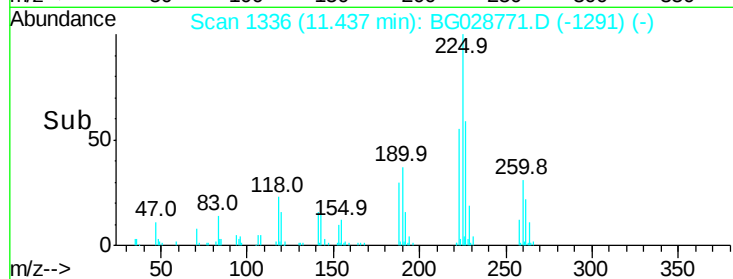
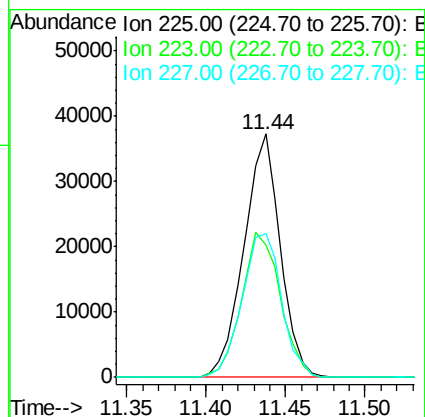
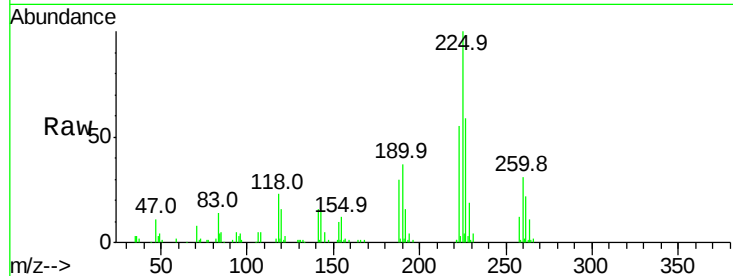




#34
Hexachlorobutadiene
Concen: 34.722 ng
RT: 11.44 min Scan# 1336
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

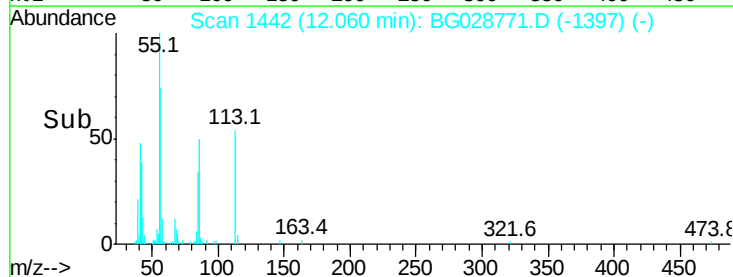
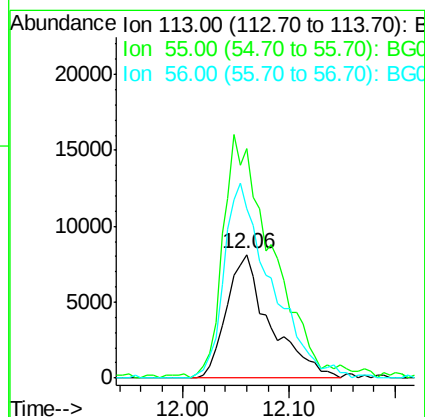
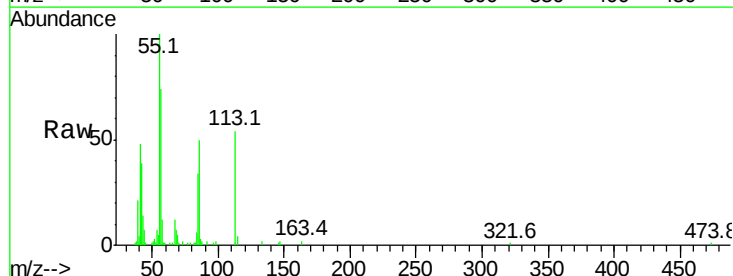
Instrument :
BNA_G
ClientSampleId :

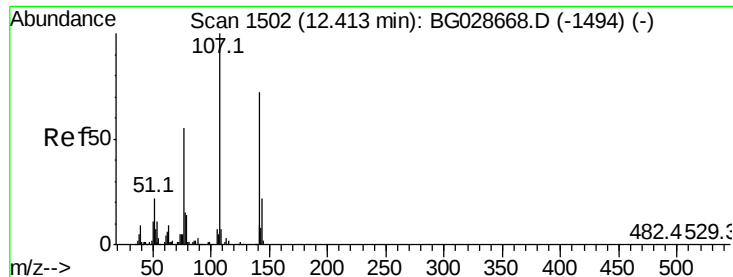
Tot Ion:225 Resp: 59238
Ion Ratio Lower Upper
225 100
223 54.6 50.7 76.1
227 58.9 49.0 73.6



#35
Caprolactam
Concen: 32.018 ng
RT: 12.06 min Scan# 1442
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:113 Resp: 23313
Ion Ratio Lower Upper
113 100
55 185.9 198.6 238.6#
56 137.1 140.4 180.4#

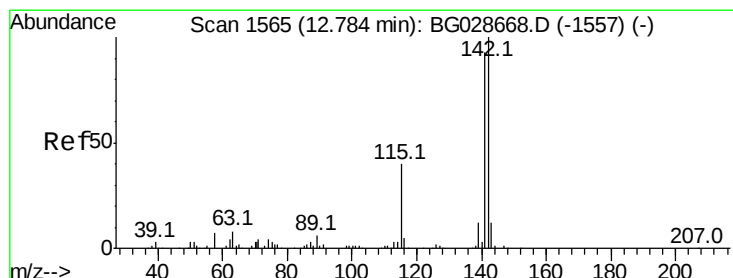
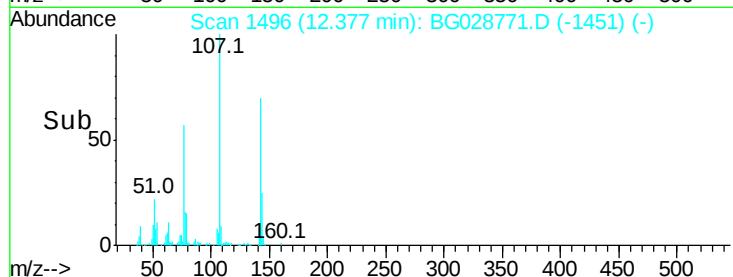
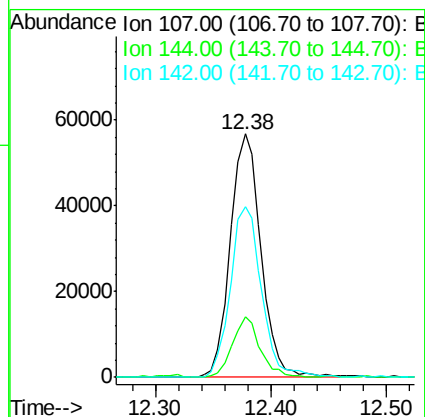
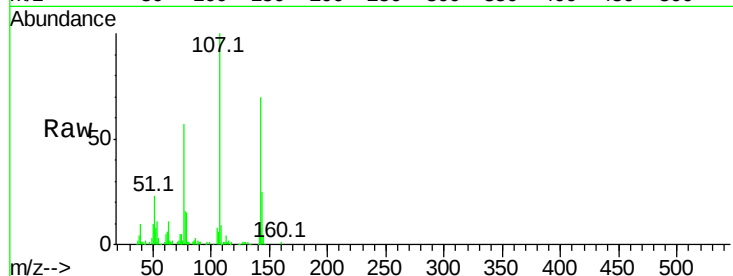




#36
4-Chloro-3-methylphenol
Concen: 39.501 ng
RT: 12.38 min Scan# 1496
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

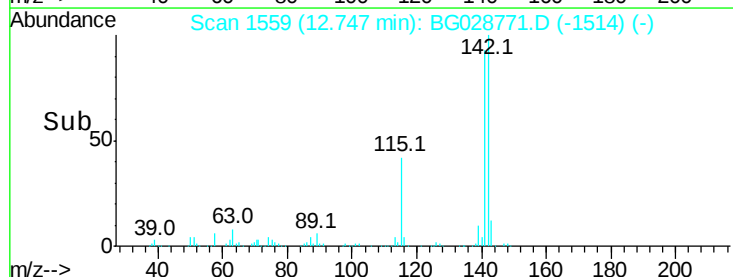
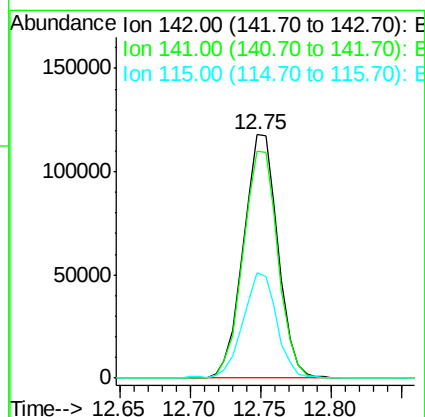
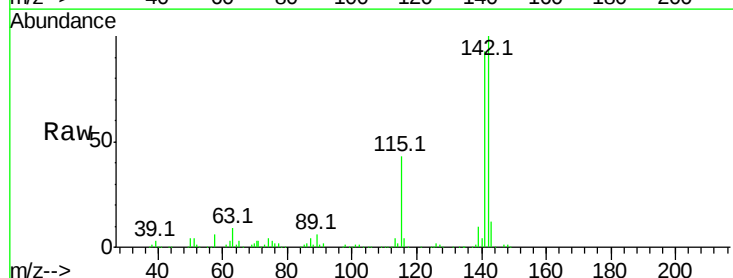
Instrument :
BNA_G
ClientSampleId :

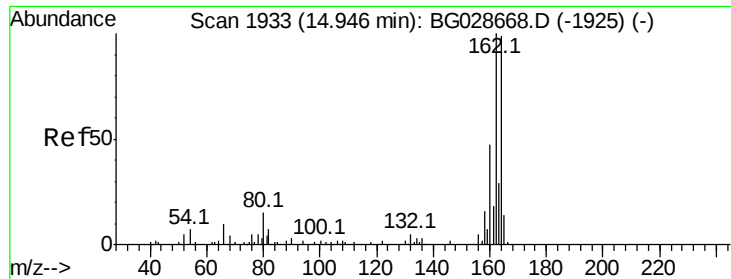
Tot Ion:107 Resp: 104380
Ion Ratio Lower Upper
107 100
144 24.8 17.4 26.0
142 70.2 54.1 81.1



#37
2-Methylnaphthalene
Concen: 45.680 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:142 Resp: 201856
Ion Ratio Lower Upper
142 100
141 93.3 70.4 105.6
115 43.0 35.5 53.3

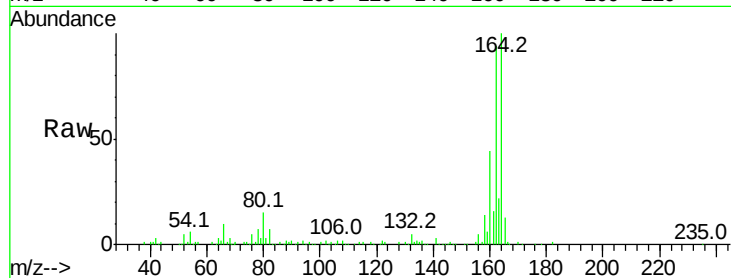




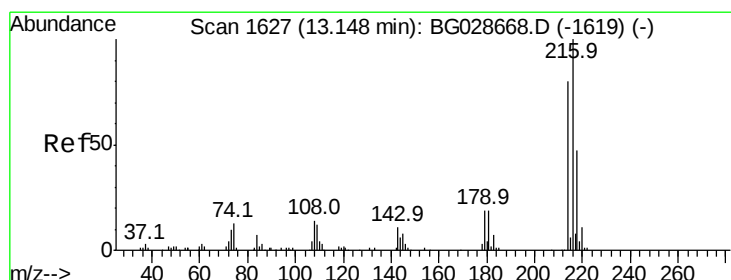
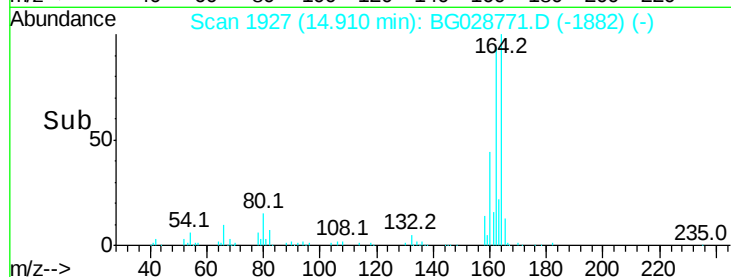
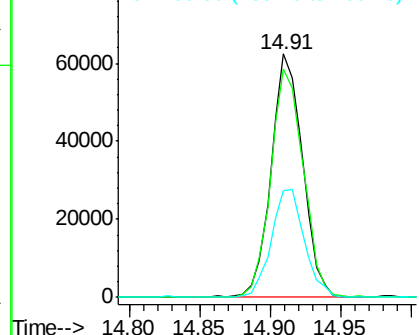
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 97523
Ion Ratio Lower Upper
164 100
162 93.8 85.1 127.7
160 44.0 34.7 52.1



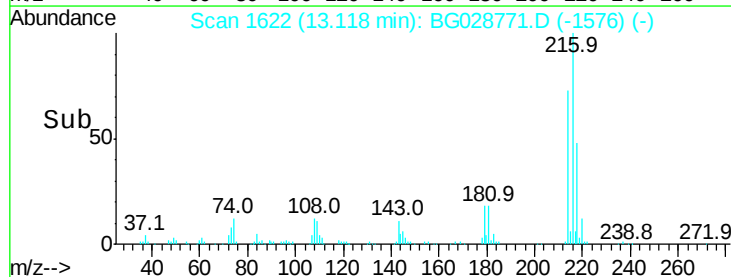
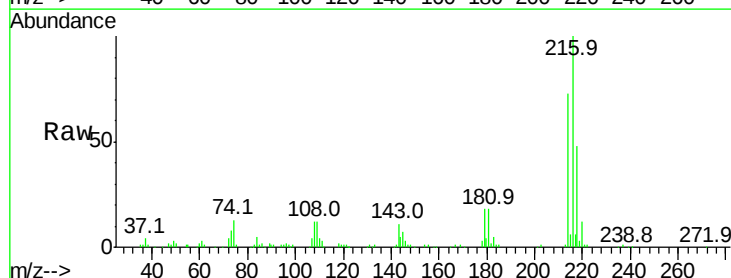
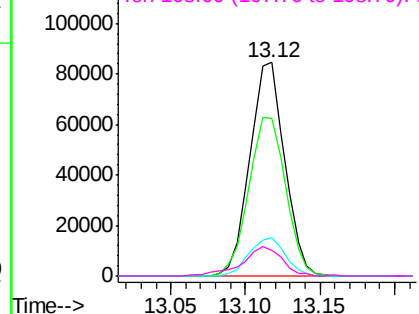
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

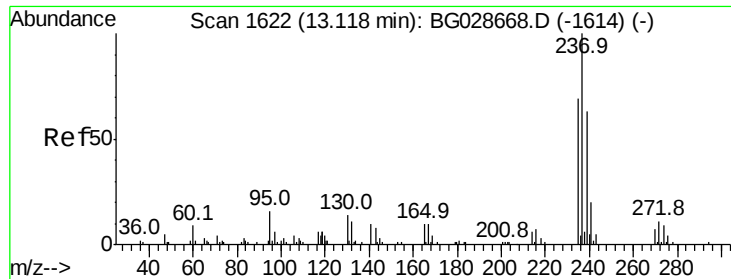


#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.026 ng
RT: 13.12 min Scan# 1622
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:216 Resp: 136438
Ion Ratio Lower Upper
216 100
214 78.7 64.4 96.6
179 18.8 17.4 26.0
108 15.8 15.6 23.4

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

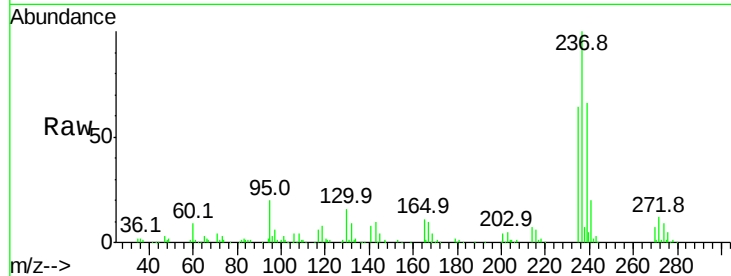




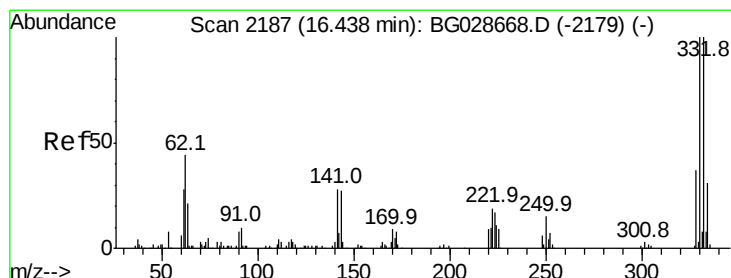
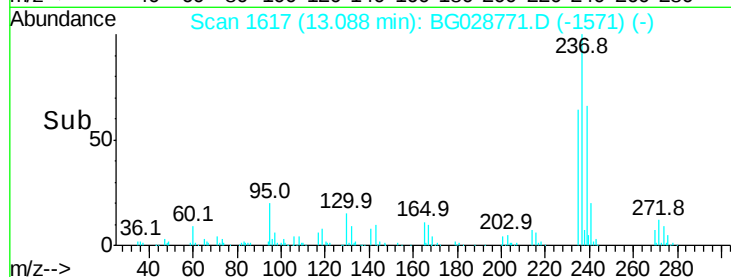
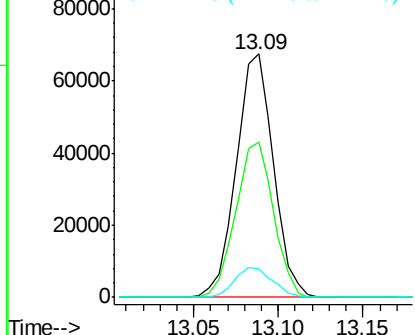
#40
Hexachlorocyclopentadiene
Concen: 67.618 ng
RT: 13.09 min Scan# 1617
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 103305
Ion Ratio Lower Upper
237 100
235 63.9 39.4 79.4
272 11.6 0.0 32.0

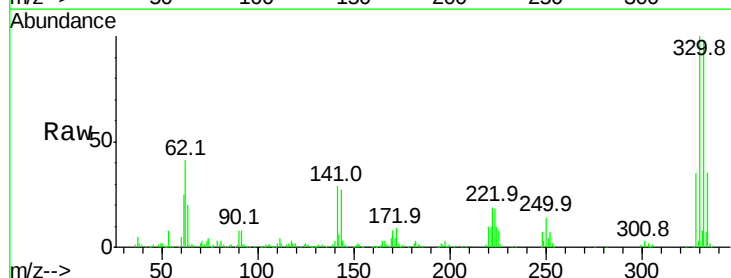


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

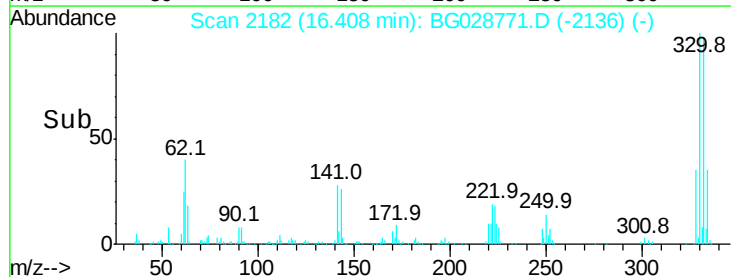
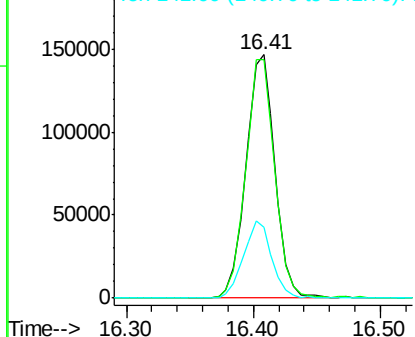


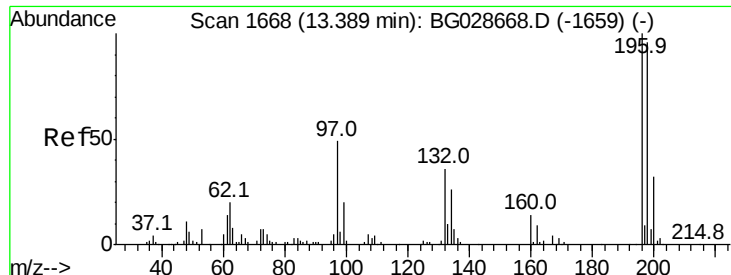
#41
2,4,6-Tribromophenol
Concen: 143.760 ng
RT: 16.41 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:330 Resp: 231880
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 31.4 32.1 48.1#



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

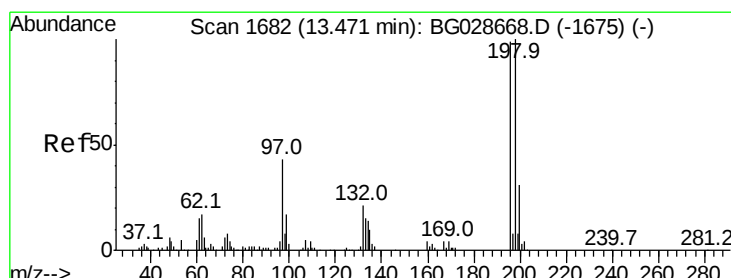
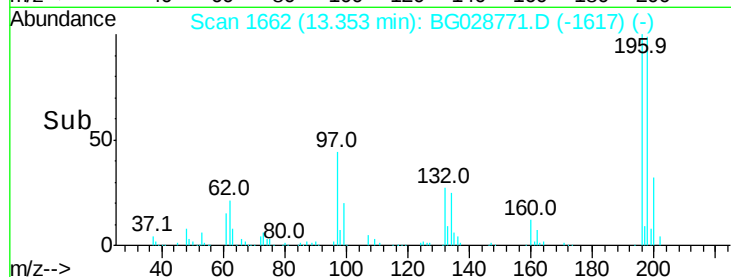
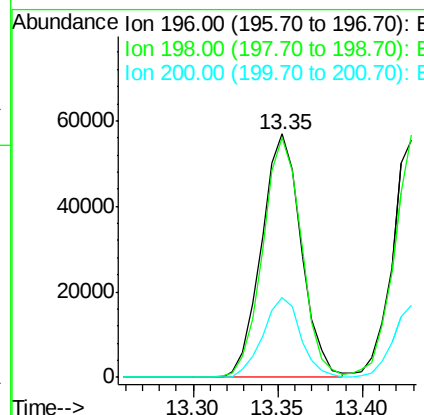
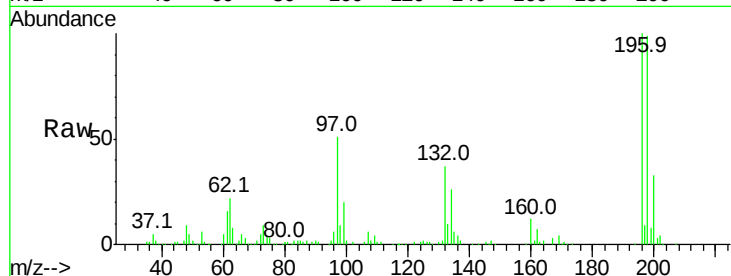




#42
 2,4,6-Trichlorophenol
 Concen: 36.565 ng
 RT: 13.35 min Scan# 1662
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

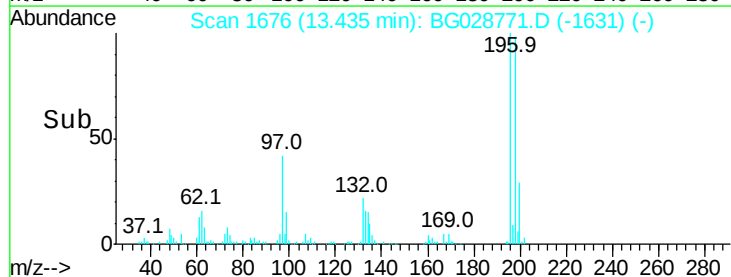
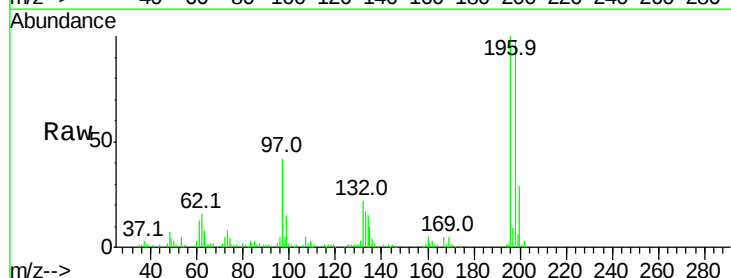
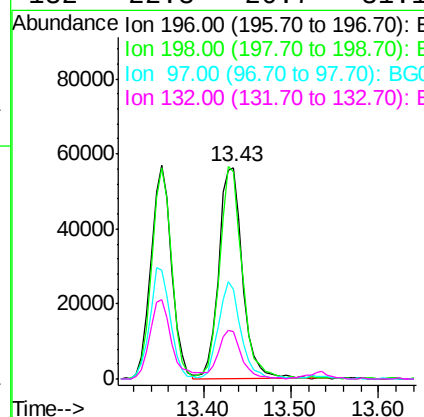
Instrument :
 BNA_G
 ClientSampleId :

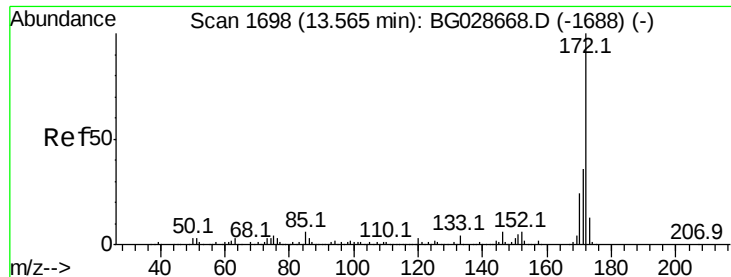
Tot Ion:196 Resp: 93059
 Ion Ratio Lower Upper
 196 100
 198 98.6 81.4 122.2
 200 32.6 27.0 40.6



#43
 2,4,5-Trichlorophenol
 Concen: 41.355 ng
 RT: 13.43 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion:196 Resp: 105758
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.9 119.9
 97 42.2 45.4 68.0#
 132 22.3 20.7 31.1

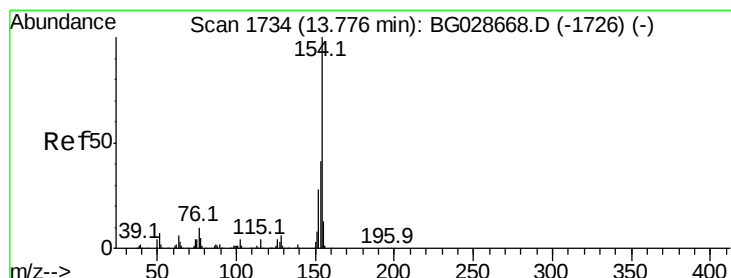
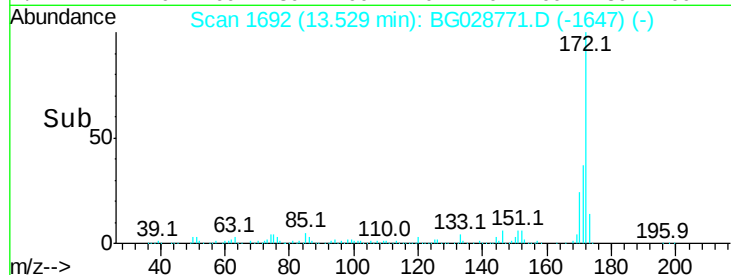
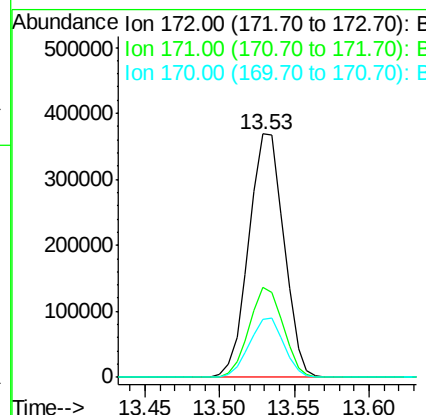
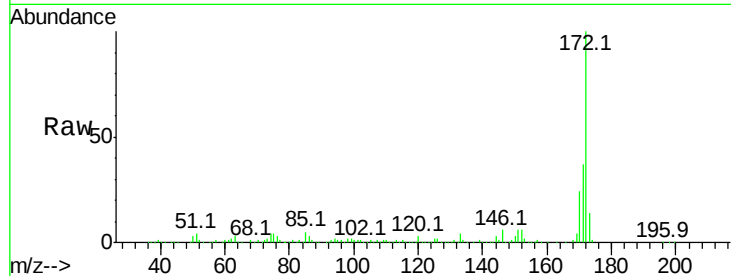




#44
 2-Fluorobiphenyl
 Concen: 81.924 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

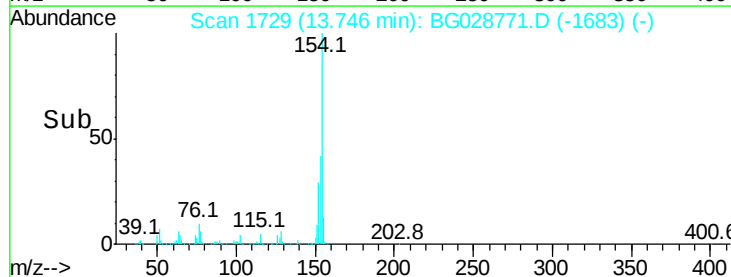
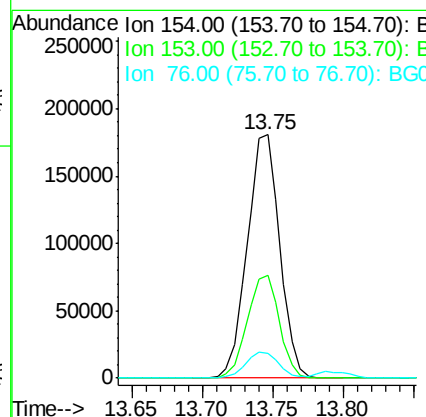
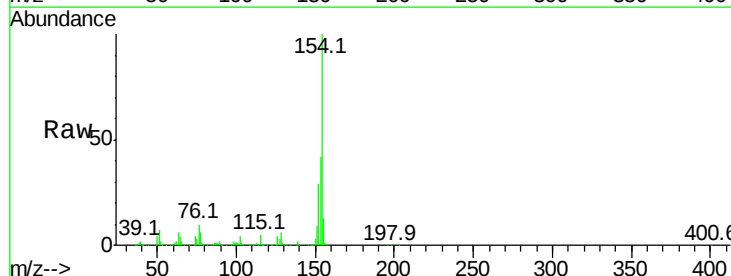
Instrument :
 BNA_G
 ClientSampleId :

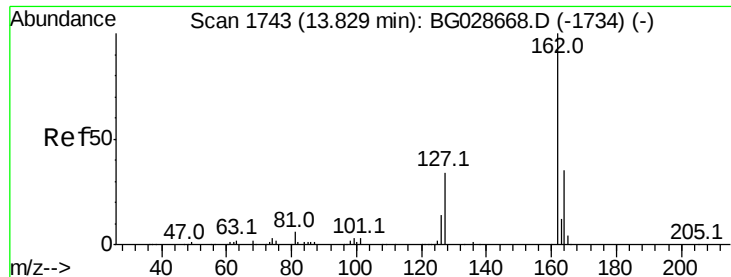
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.7	21.8	32.6



#45
 1,1'-Biphenyl
 Concen: 35.970 ng
 RT: 13.75 min Scan# 1729
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	10.4	0.0	33.5

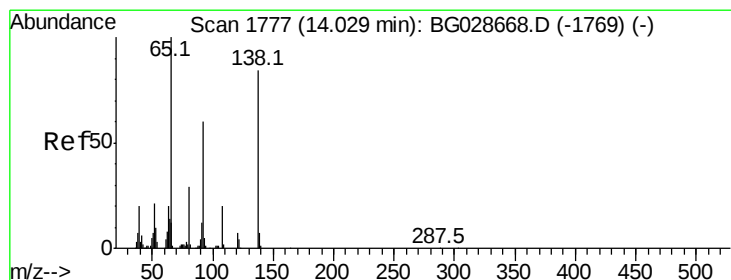
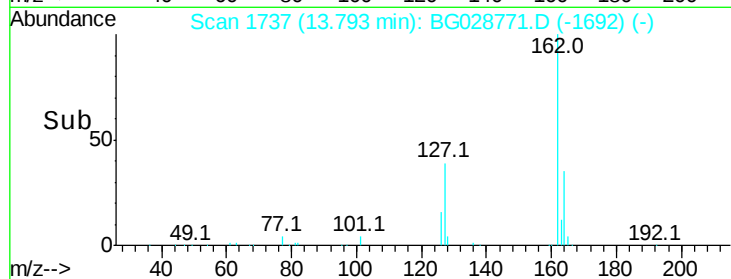
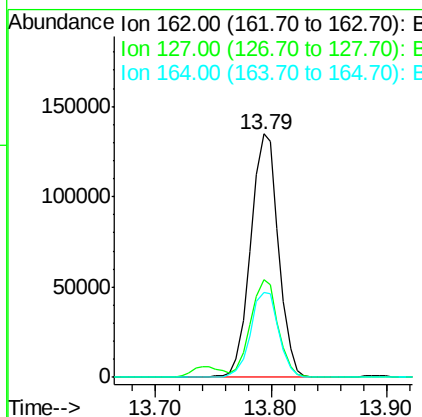
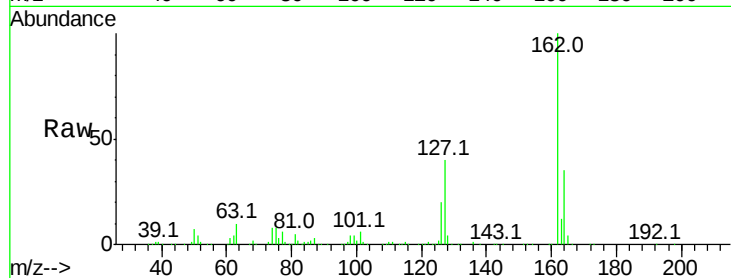




#46
2-Chloronaphthalene
Concen: 38.286 ng
RT: 13.79 min Scan# 1737
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

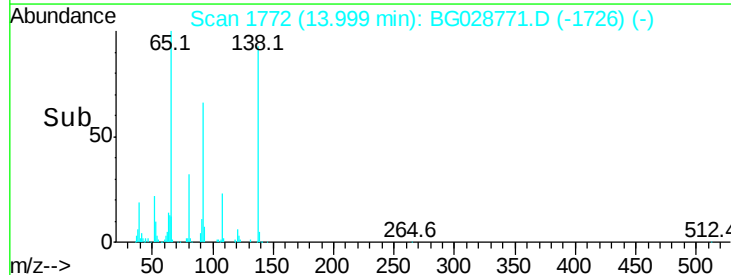
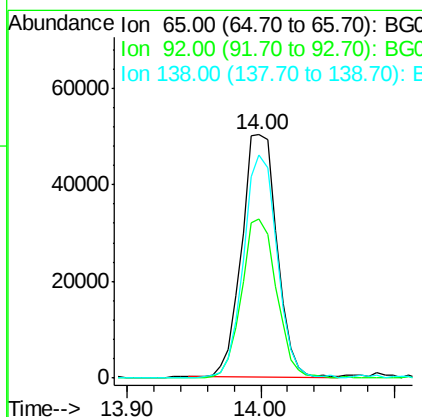
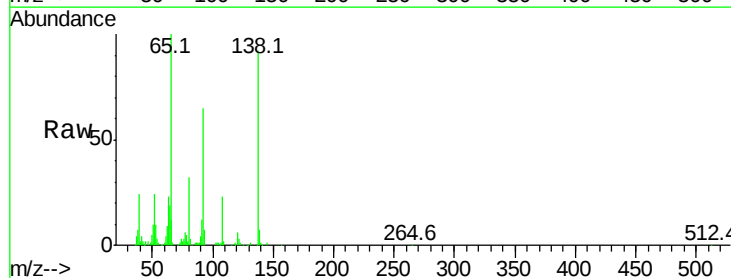
Instrument :
BNA_G
ClientSampleId :

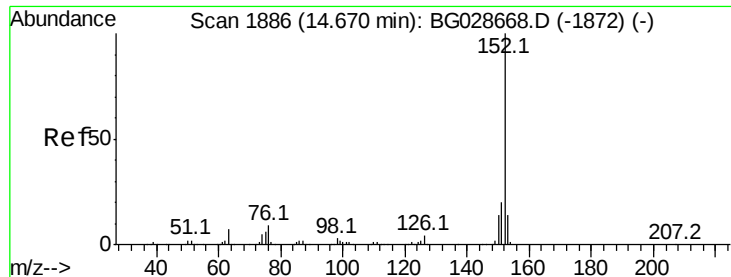
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.2	48.4
164	34.8	27.3	40.9



#47
2-Nitroaniline
Concen: 41.863 ng
RT: 14.00 min Scan# 1772
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	49.0	73.4
138	91.8	58.6	87.8





#48

Acenaphthylene

Concen: 40.569 ng

RT: 14.64 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

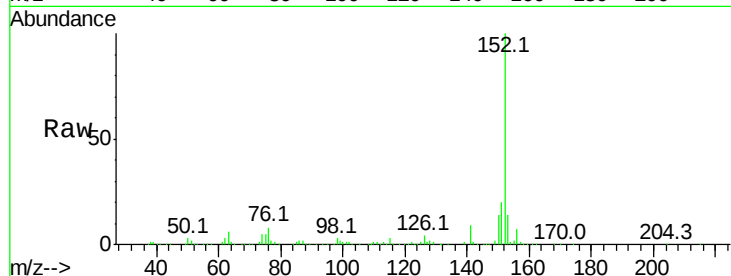
Tot Ion:152 Resp: 381716

Ion Ratio Lower Upper

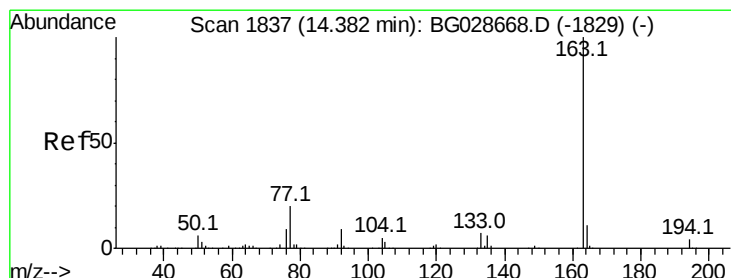
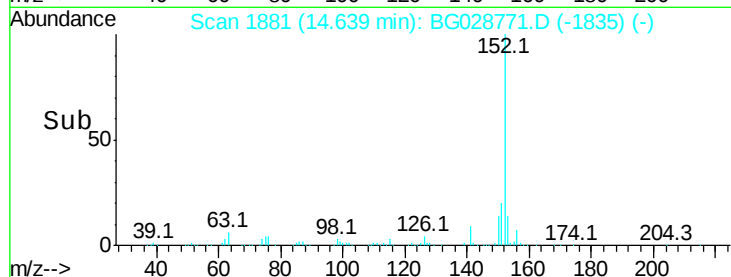
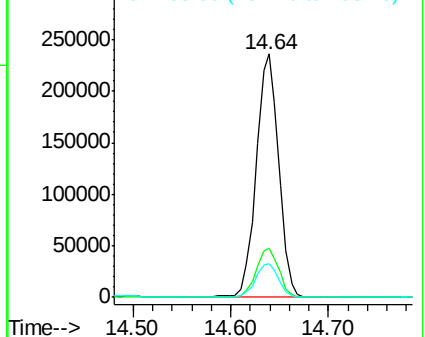
152 100

151 20.2 18.2 27.2

153 14.0 11.3 16.9



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: 41.358 ng

RT: 14.36 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

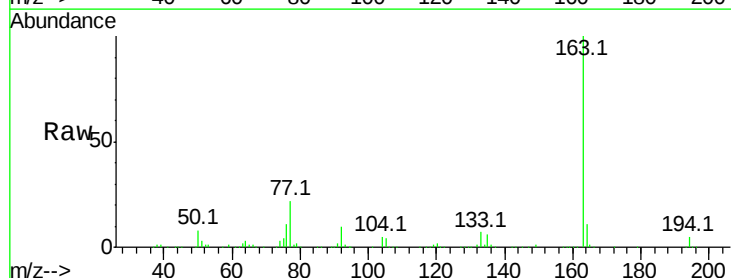
Tgt Ion:163 Resp: 338220

Ion Ratio Lower Upper

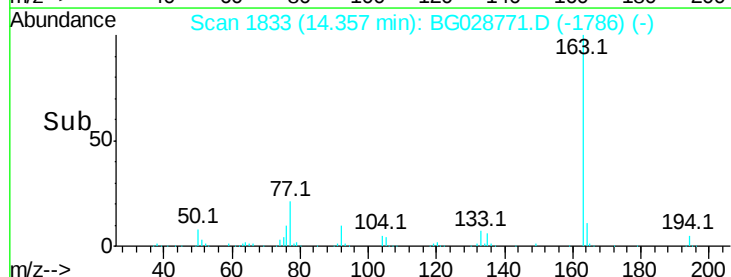
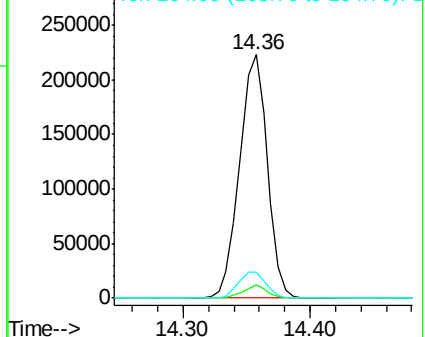
163 100

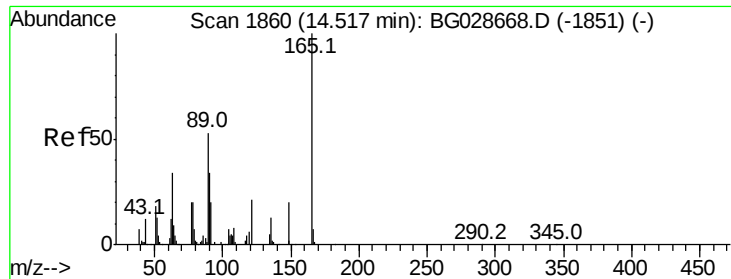
194 5.3 3.8 5.6

164 10.6 9.3 13.9



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

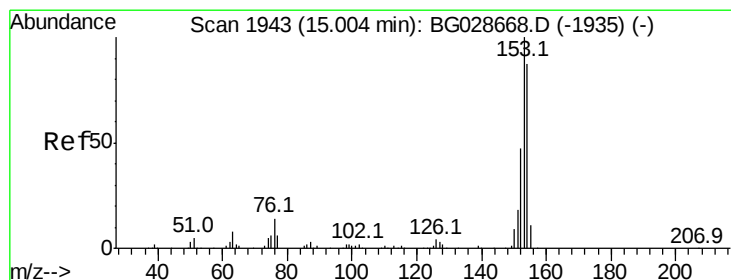
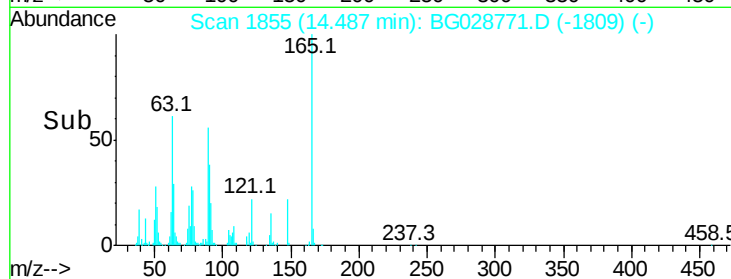
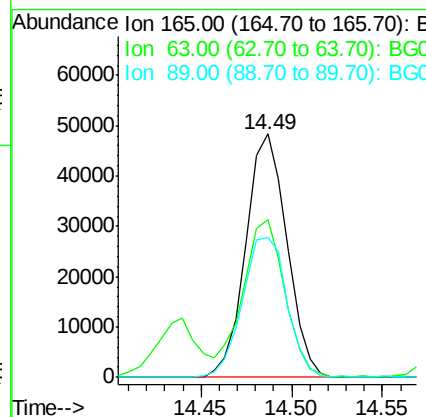
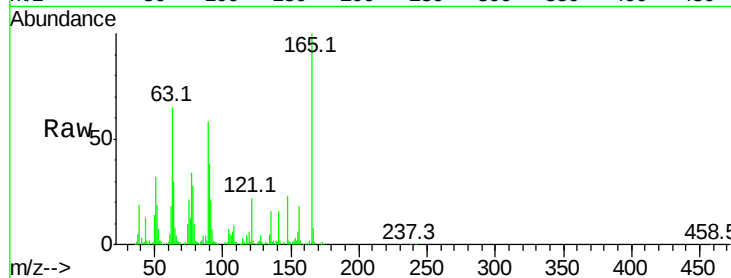




#50
 2,6-Dinitrotoluene
 Concen: 41.803 ng
 RT: 14.49 min Scan# 1855
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

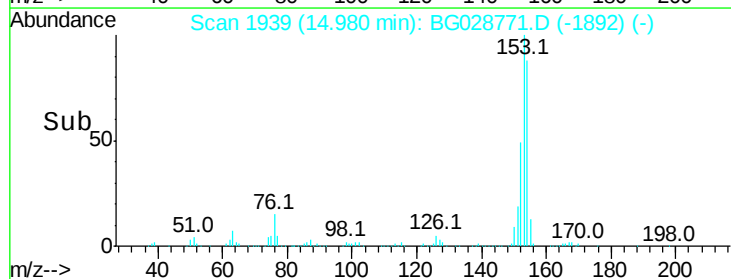
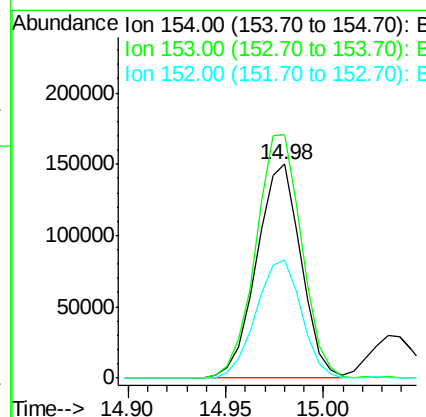
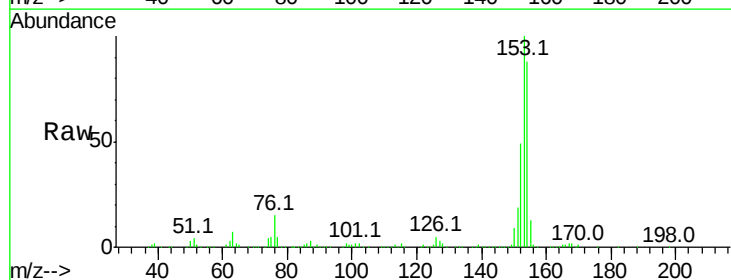
Instrument :
 BNA_G
 ClientSampleId :

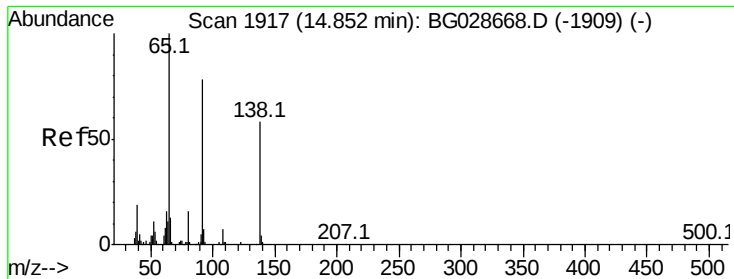
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.1	63.9	95.9
89	57.5	58.6	88.0



#51
 Acenaphthene
 Concen: 41.304 ng
 RT: 14.98 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	87.8	131.6
152	55.4	42.2	63.4





#52

3-Nitroaniline

Concen: 28.577 ng

RT: 14.82 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

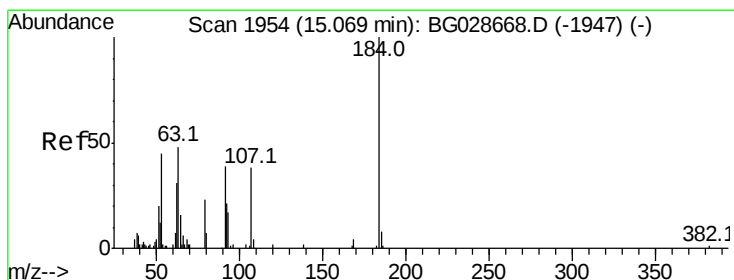
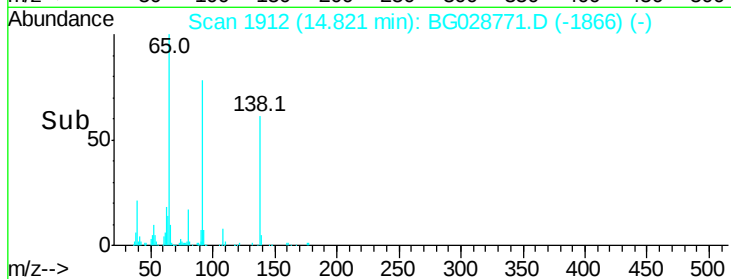
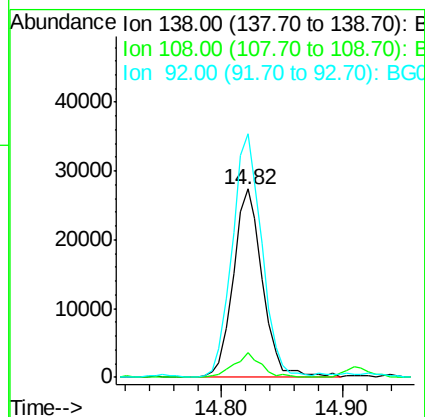
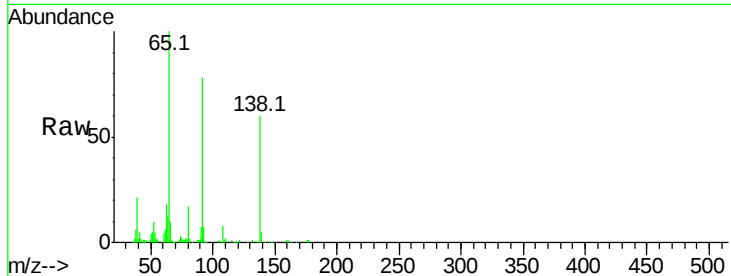
Tot Ion:138 Resp: 45985

Ion Ratio Lower Upper

138 100

108 12.9 10.9 16.3

92 129.3 115.3 172.9



#53

2,4-Dinitrophenol

Concen: 83.869 ng

RT: 15.03 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

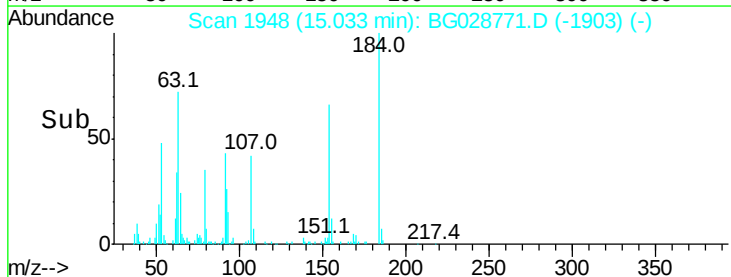
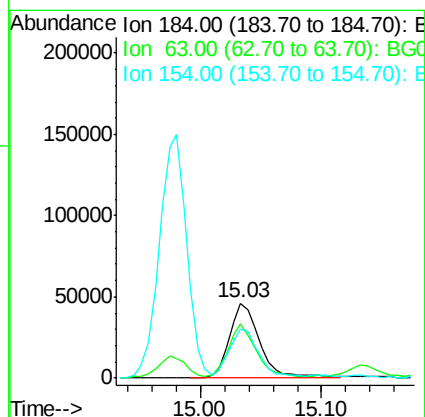
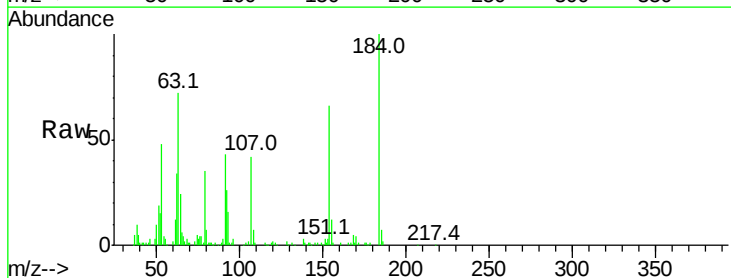
Tgt Ion:184 Resp: 80828

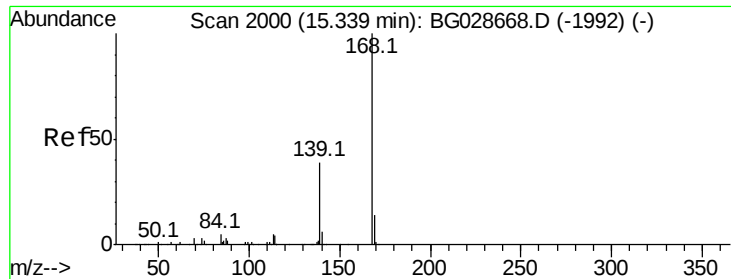
Ion Ratio Lower Upper

184 100

63 72.3 52.7 79.1

154 65.7 57.3 85.9





#54

Dibenzenofuran

Concen: 46.204 ng

RT: 15.31 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

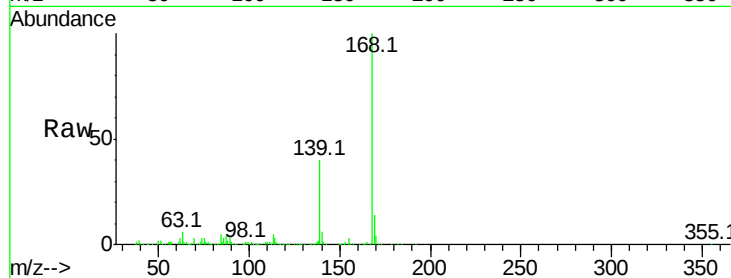
Tot Ion:168 Resp: 421141

Ion Ratio Lower Upper

168 100

139 39.5 35.3 52.9

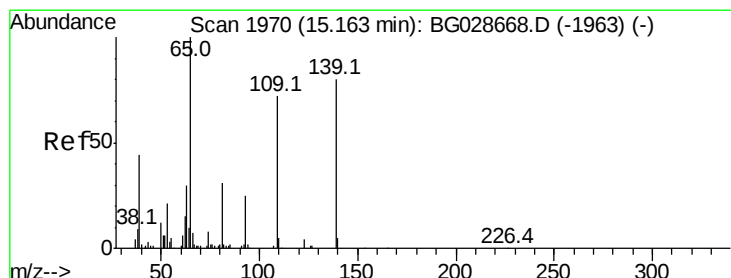
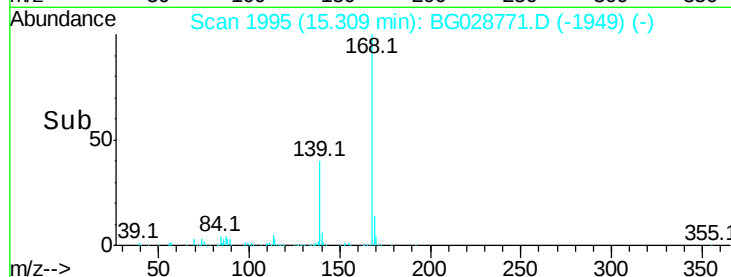
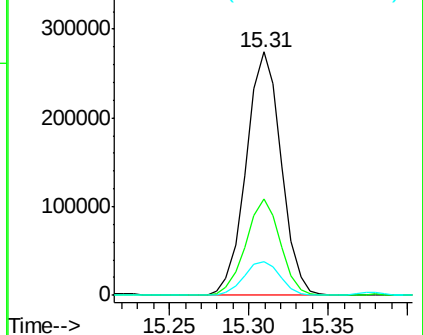
169 14.1 11.5 17.3



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: 32.188 ng

RT: 15.13 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

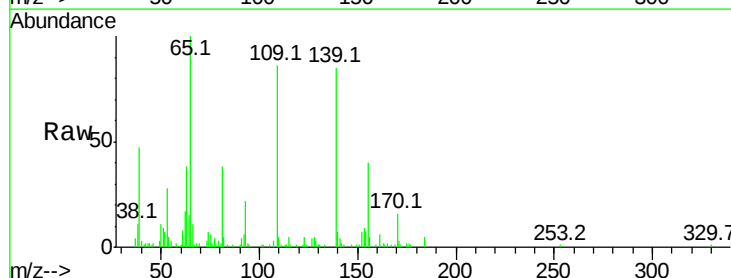
Tgt Ion:139 Resp: 37948

Ion Ratio Lower Upper

139 100

109 100.7 101.2 141.2#

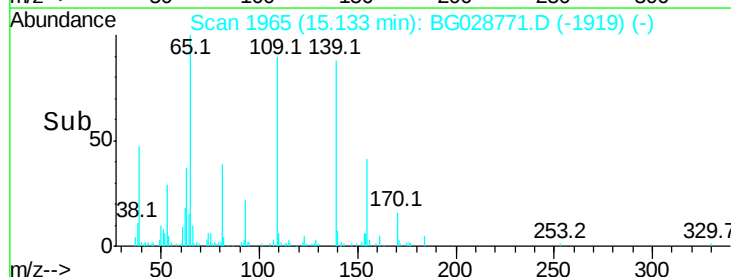
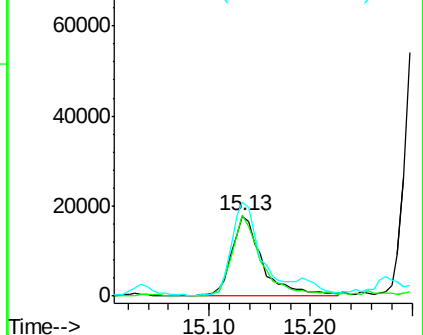
65 117.1 135.3 175.3#

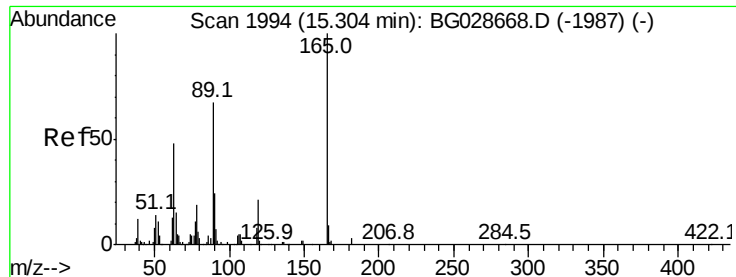


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

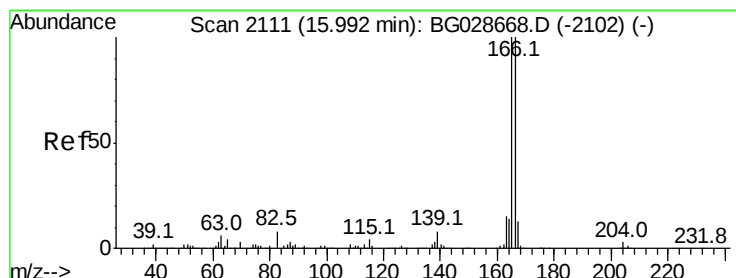
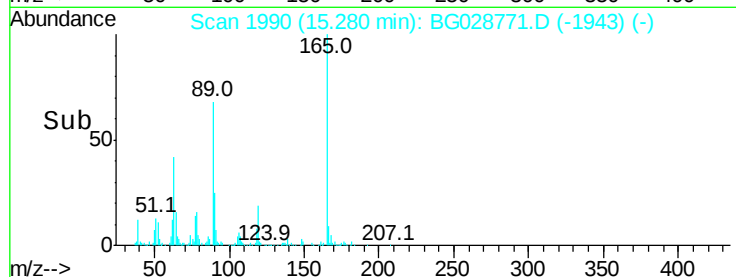
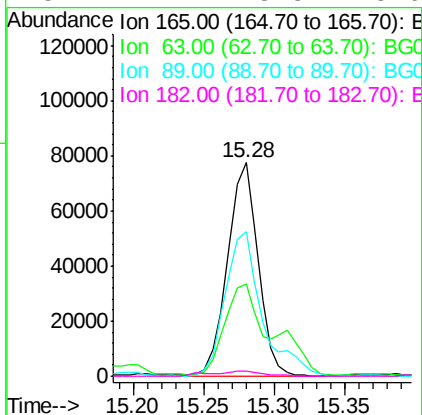
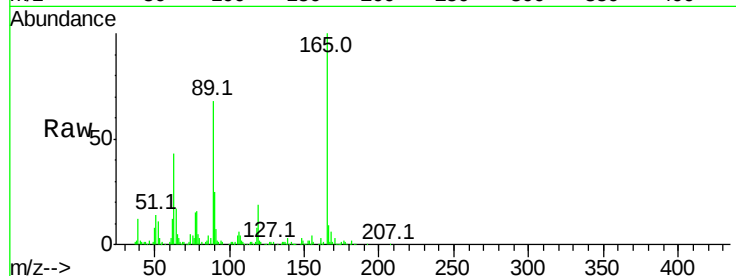




#56
2,4-Dinitrotoluene
Concen: 45.834 ng
RT: 15.28 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

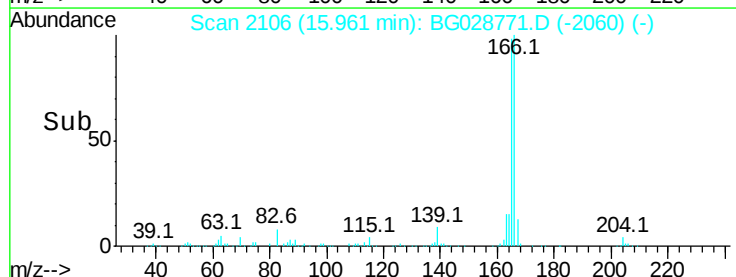
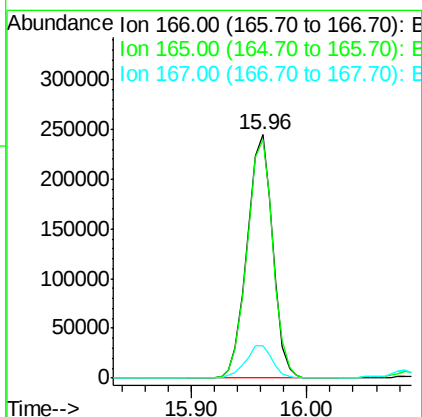
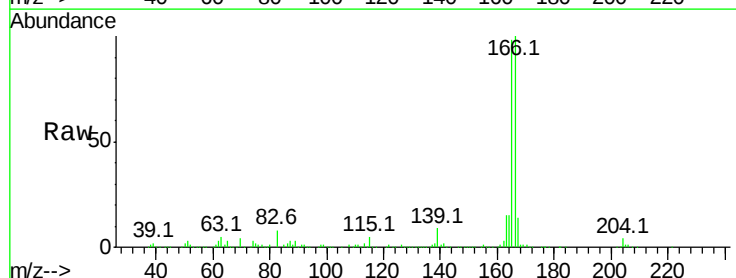
Instrument :
BNA_G
ClientSampleId :

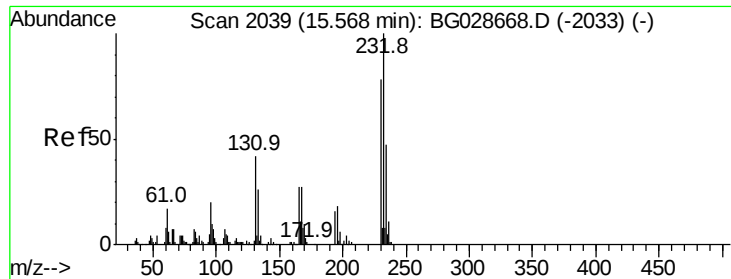
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	44.0	66.0#
89	67.7	67.3	100.9
182	2.4	3.8	5.6#



#57
Fluorene
Concen: 46.250 ng
RT: 15.96 min Scan# 2106
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.6	11.6	17.4

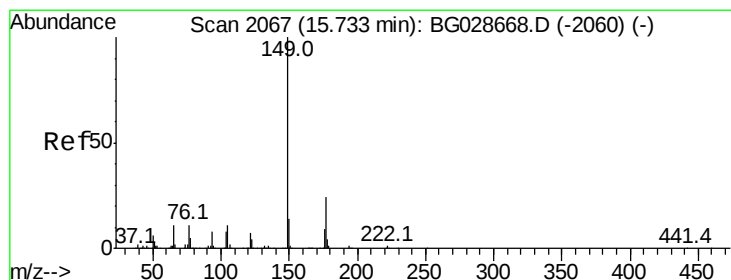
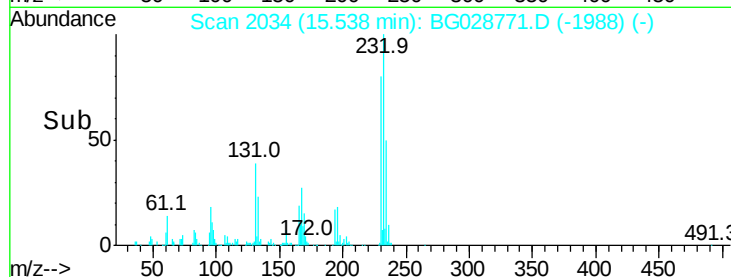
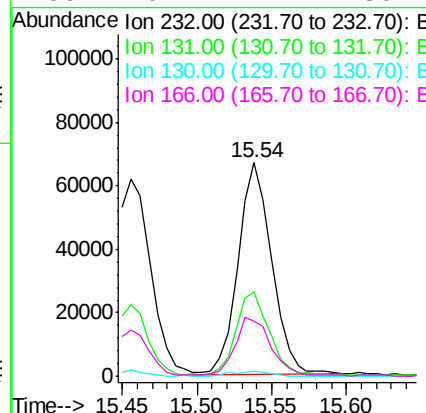
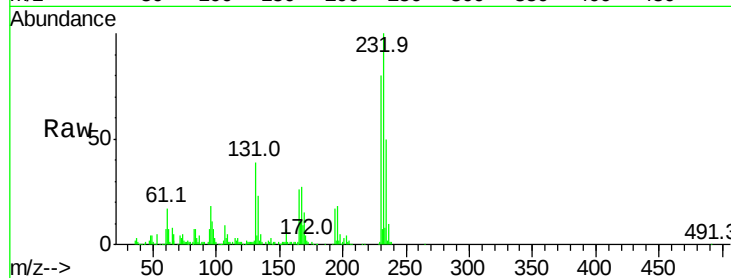




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.774 ng
 RT: 15.54 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

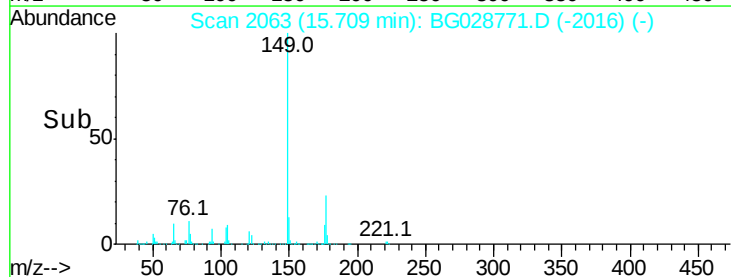
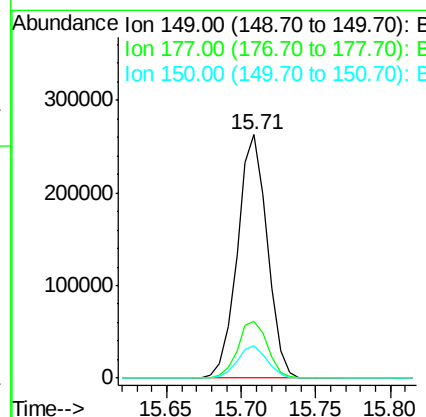
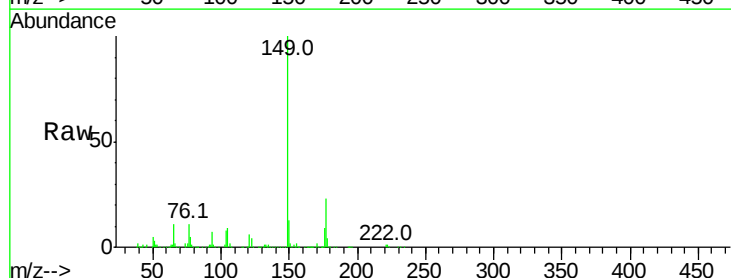
Instrument :
 BNA_G
 ClientSampleId :

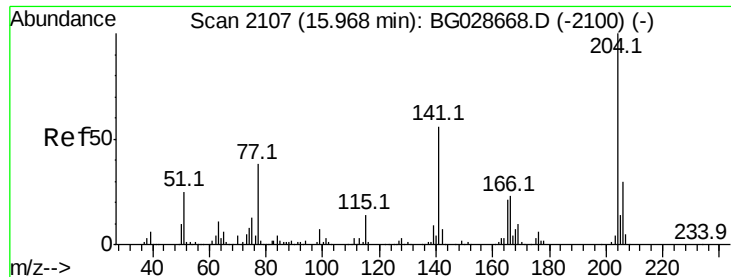
Tot Ion:	232	Resp:	105423
Ion	Ratio	Lower	Upper
232	100		
131	39.2	34.9	52.3
130	3.0	2.3	3.5
166	29.4	24.2	36.4



#59
 Diethylphthalate
 Concen: 43.453 ng
 RT: 15.71 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion:	149	Resp:	365180
Ion	Ratio	Lower	Upper
149	100		
177	23.4	20.1	30.1
150	13.4	10.2	15.2

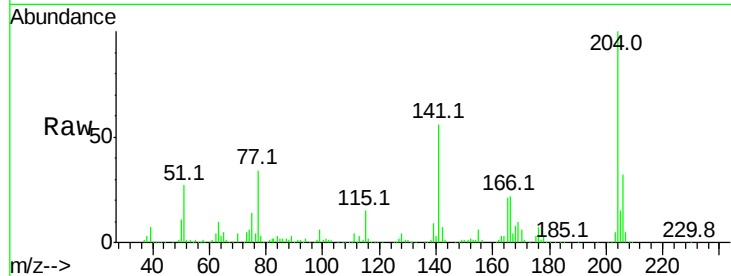




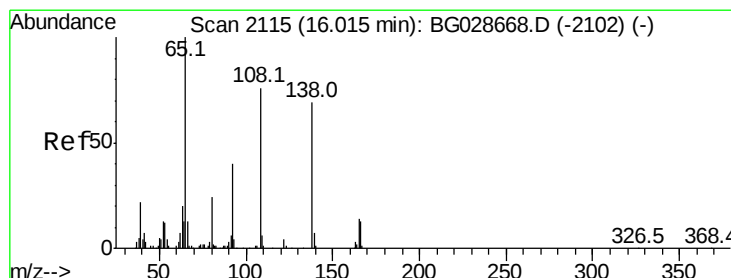
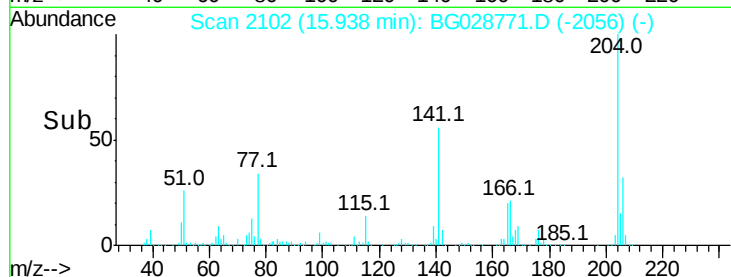
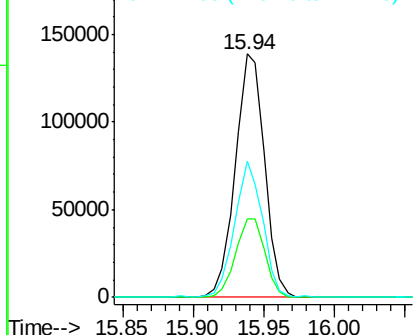
#60
4-Chlorophenyl-phenylether
Concen: 43.049 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 199476
Ion Ratio Lower Upper
204 100
206 32.4 30.1 45.1
141 55.9 50.6 76.0

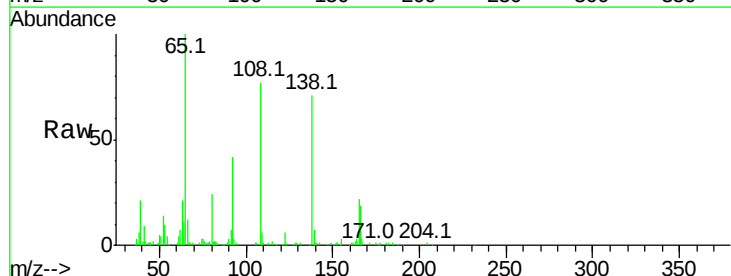


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

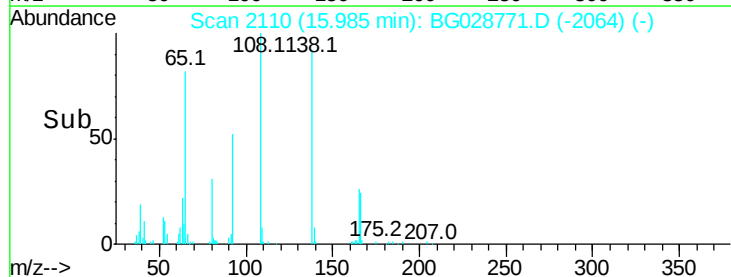
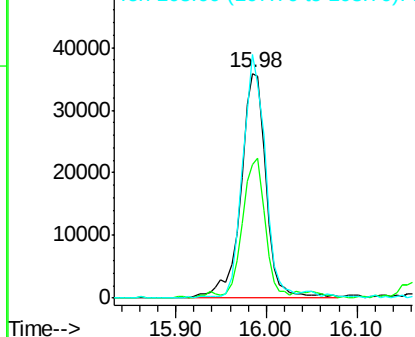


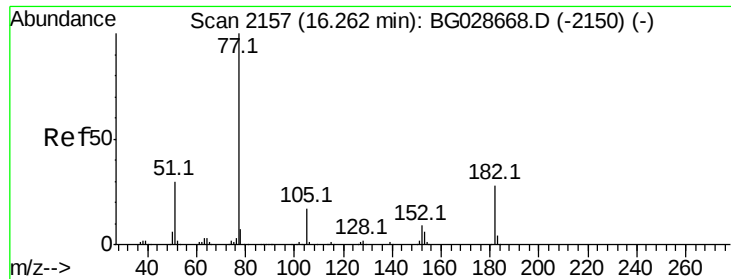
#61
4-Nitroaniline
Concen: 40.597 ng
RT: 15.98 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:138 Resp: 69209
Ion Ratio Lower Upper
138 100
92 59.6 44.2 84.2
108 108.4 104.8 144.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E

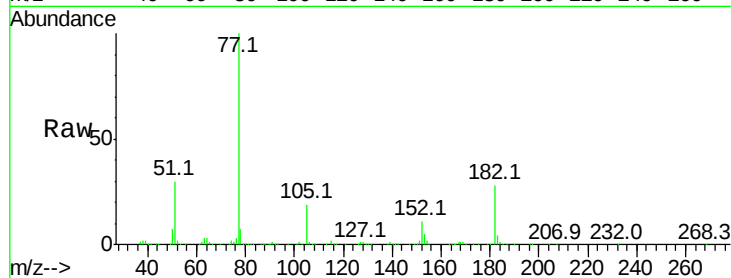




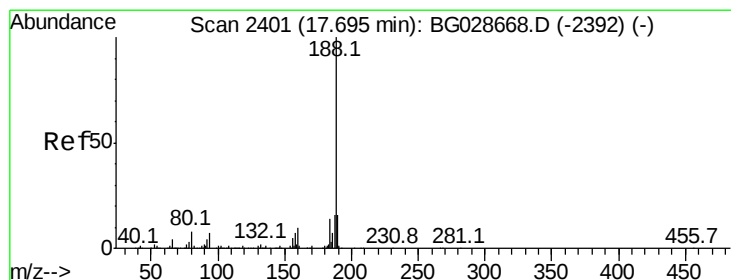
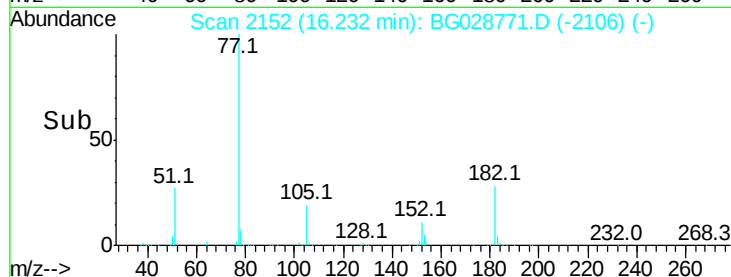
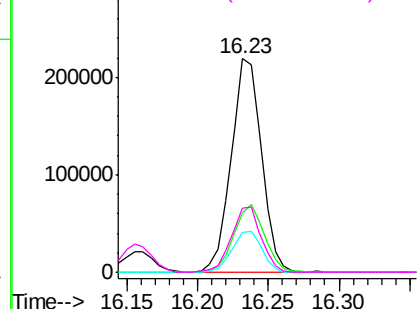
#62
Azobenzene
Concen: 46.153 ng
RT: 16.23 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 326211
Ion Ratio Lower Upper
77 100
182 27.9 4.7 44.7
105 18.5 0.0 36.3
51 29.9 16.4 56.4

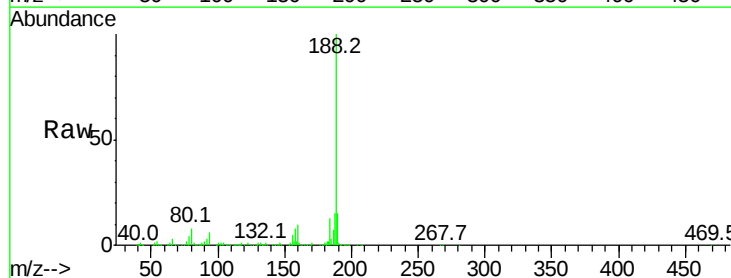


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

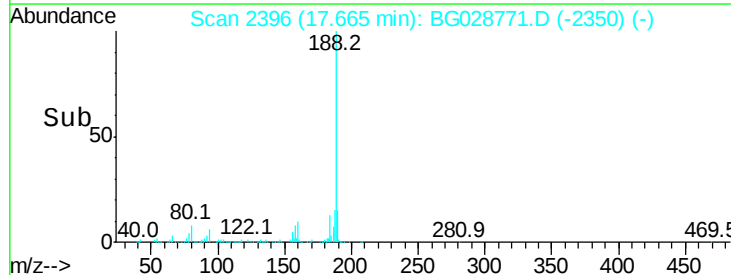
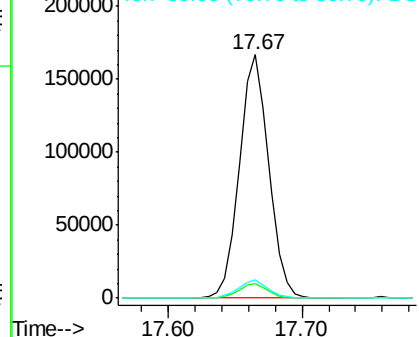


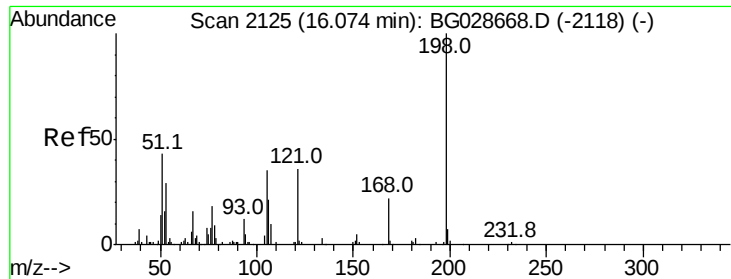
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.67 min Scan# 2396
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion: 188 Resp: 253169
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 7.7 7.5 11.3



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: 43.517 ng

RT: 16.04 min Scan# 2120

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

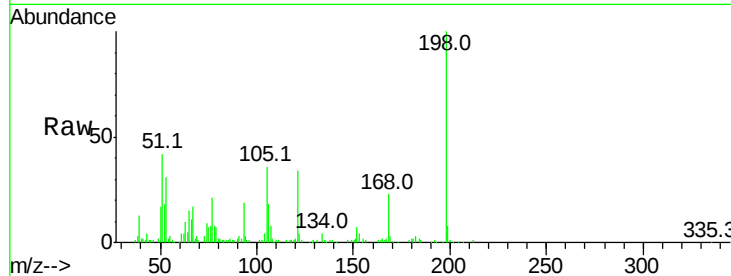
Tot Ion:198 Resp: 71089

Ion Ratio Lower Upper

198 100

51 41.8 22.6 62.6

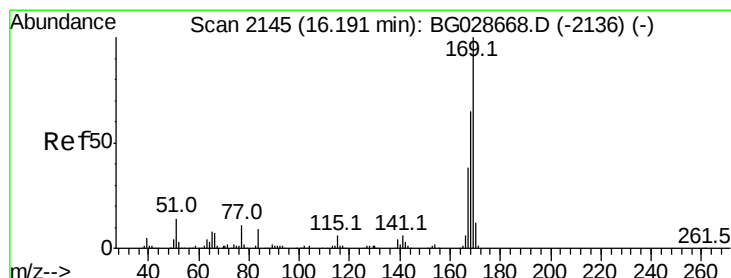
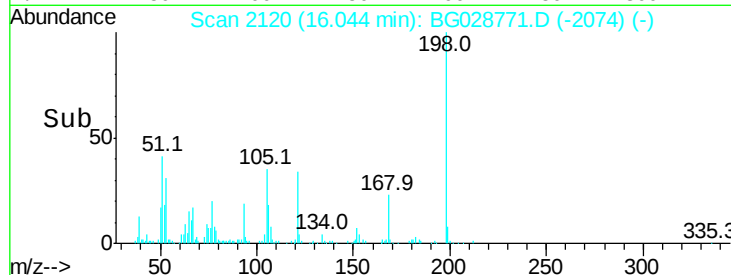
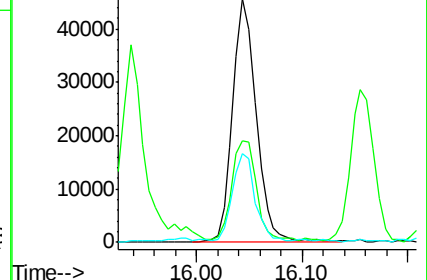
105 36.3 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.428 ng

RT: 16.16 min Scan# 2139

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

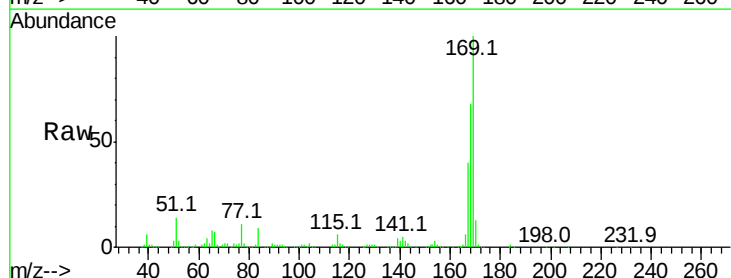
Tgt Ion:169 Resp: 307924

Ion Ratio Lower Upper

169 100

168 68.5 55.7 83.5

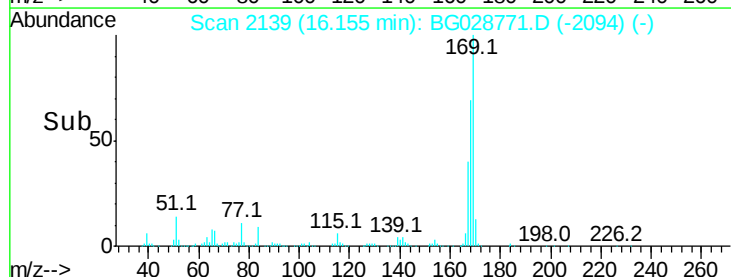
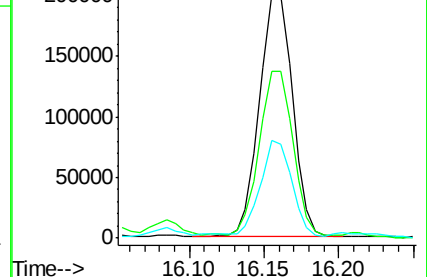
167 40.0 29.8 44.6

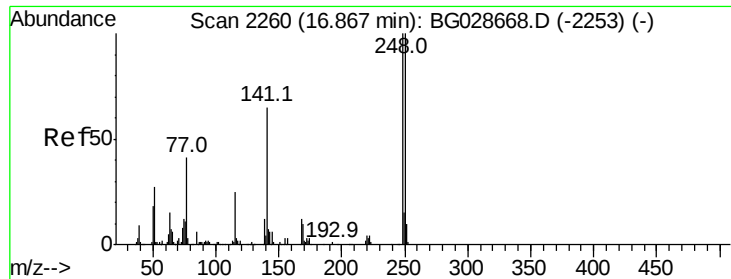


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

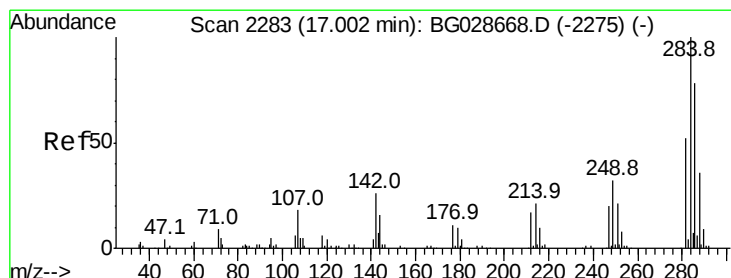
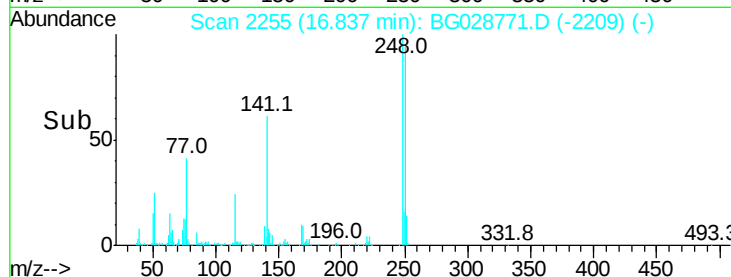
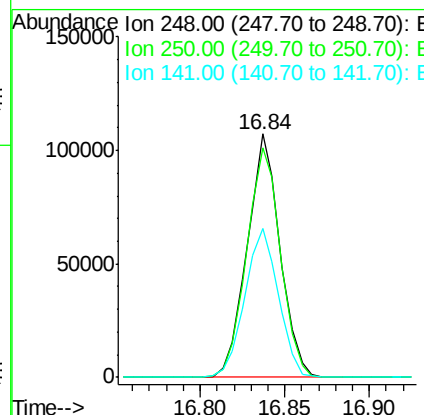
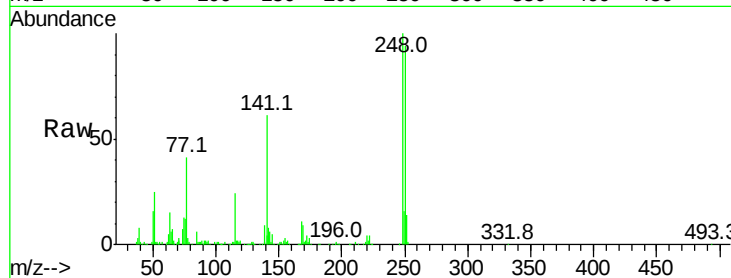




#66
4-Bromophenyl-phenylether
Concen: 44.483 ng
RT: 16.84 min Scan# 2255
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

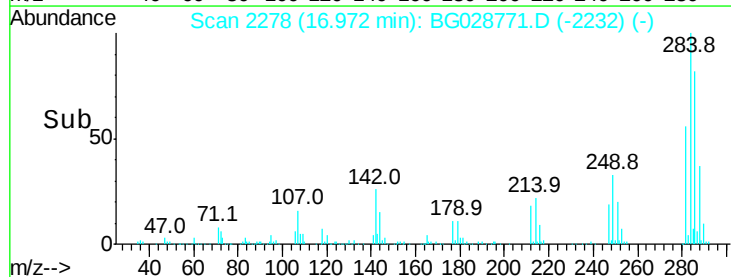
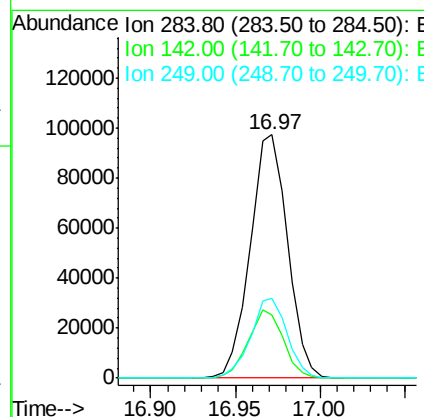
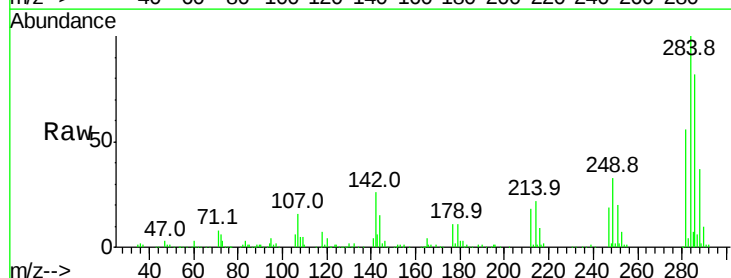
Instrument :
BNA_G
ClientSampleId :

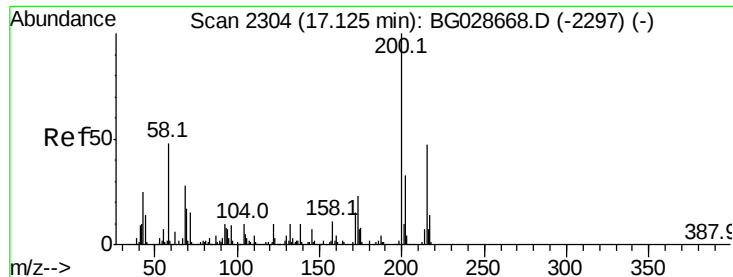
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	75.0	112.6
141	61.2	55.2	82.8



#67
Hexachlorobenzene
Concen: 40.382 ng
RT: 16.97 min Scan# 2278
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	29.9	44.9#
249	32.9	29.2	43.8

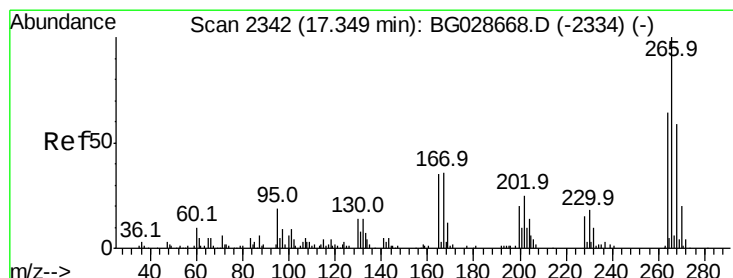
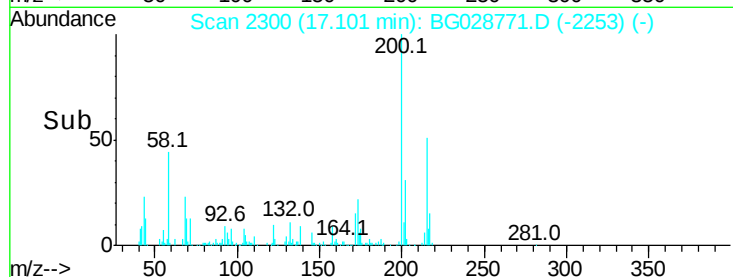
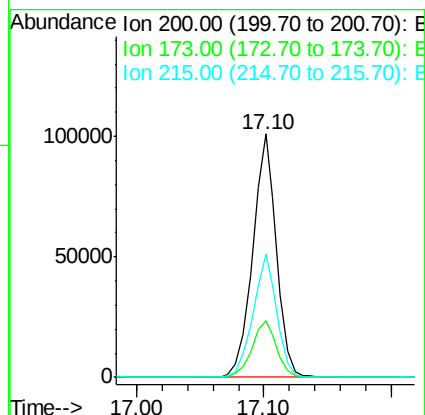
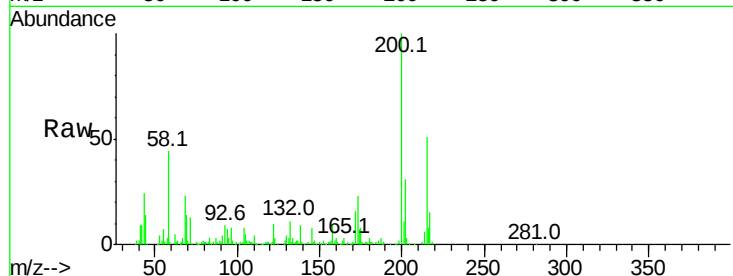




#68
Atrazine
Concen: 42.059 ng
RT: 17.10 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

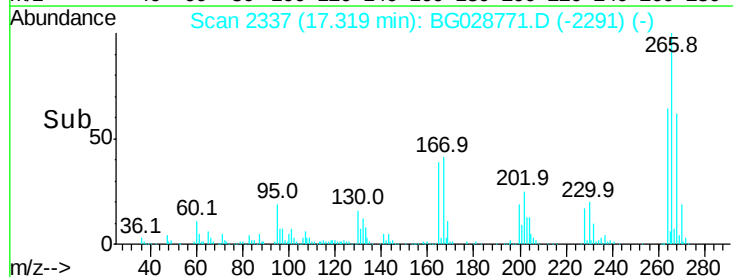
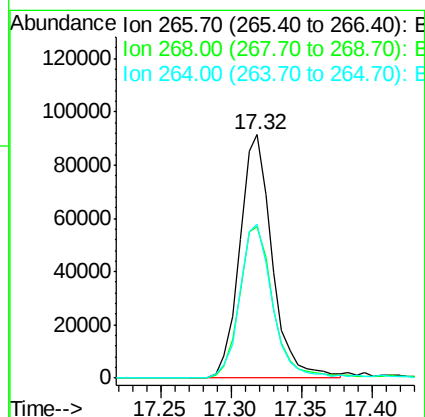
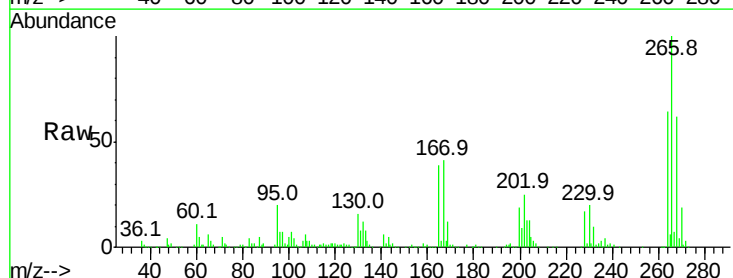
Instrument :
BNA_G
ClientSampleId :

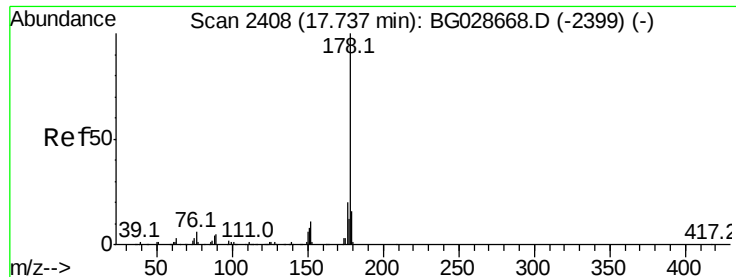
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	3.0	43.0
215	50.7	28.4	68.4



#69
Pentachlorophenol
Concen: 87.677 ng
RT: 17.32 min Scan# 2337
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	48.6	72.8
264	63.5	50.1	75.1

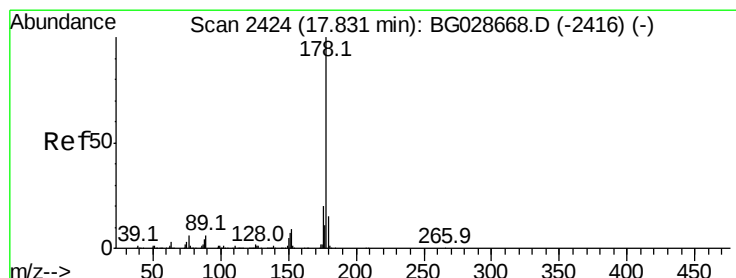
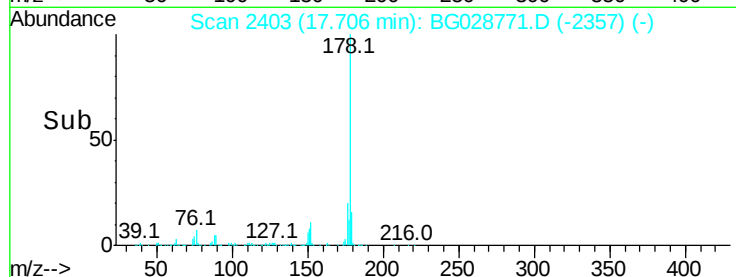
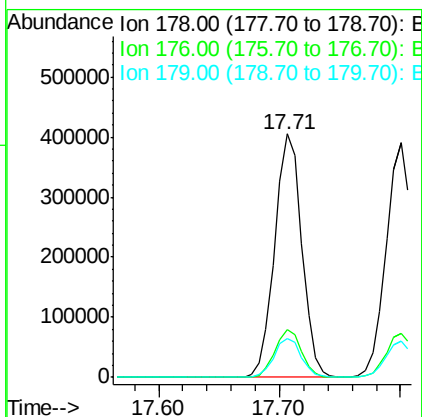
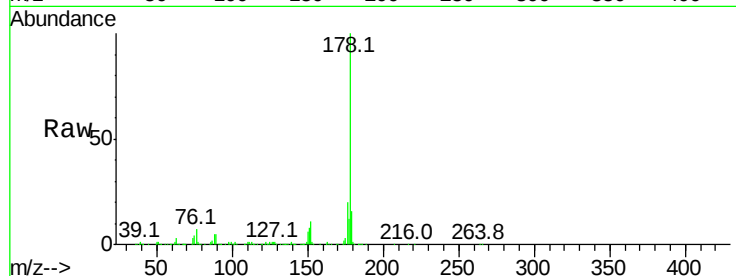




#70
Phenanthrene
Concen: 48.092 ng
RT: 17.71 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

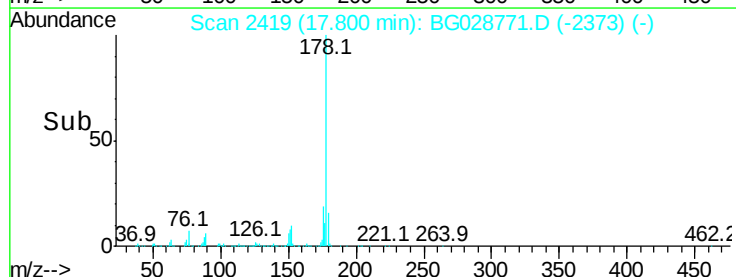
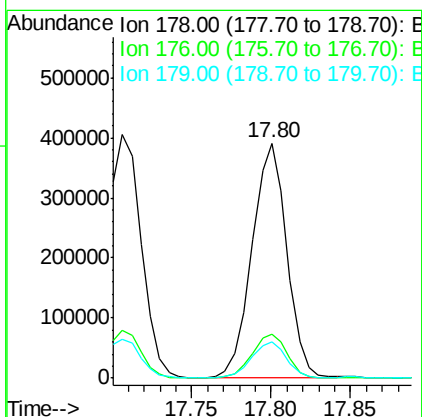
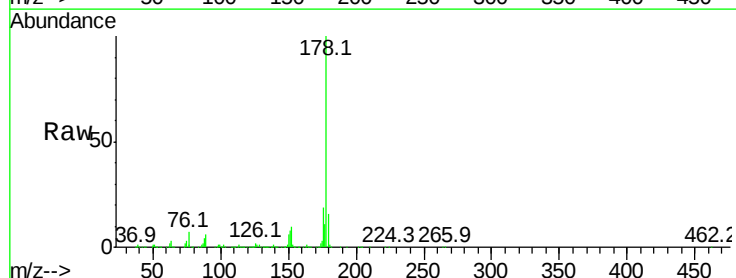
Instrument :
BNA_G
ClientSampled :

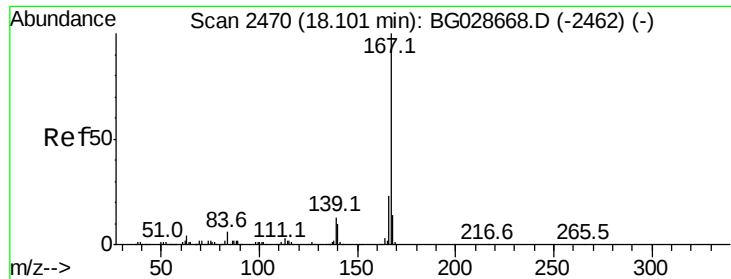
Tot Ion:178 Resp: 622622
Ion Ratio Lower Upper
178 100
176 19.7 17.7 26.5
179 15.8 15.0 22.6



#71
Anthracene
Concen: 45.406 ng
RT: 17.80 min Scan# 2419
Delta R.T. -0.03 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:178 Resp: 593828
Ion Ratio Lower Upper
178 100
176 18.9 16.4 24.6
179 15.6 13.8 20.8





#72

Carbazole

Concen: 43.043 ng

RT: 18.07 min Scan# 2465

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

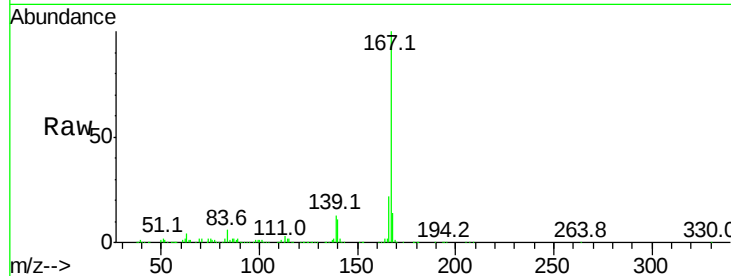
Tot Ion:167 Resp: 506985

Ion Ratio Lower Upper

167 100

166 22.4 20.2 30.2

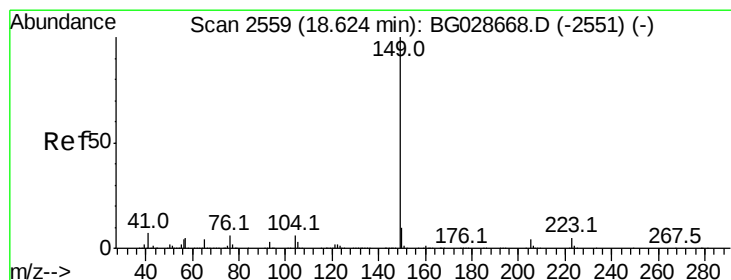
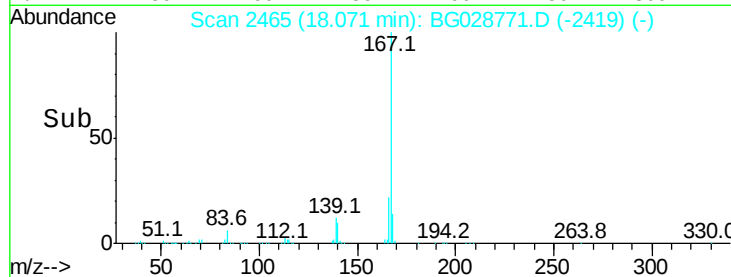
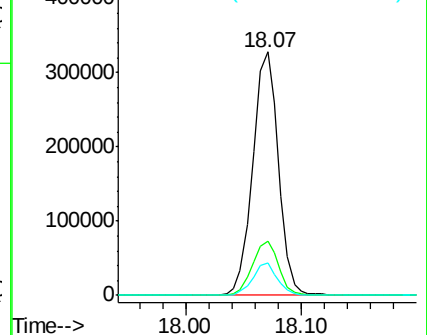
139 13.1 12.8 19.2



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: 42.623 ng

RT: 18.59 min Scan# 2554

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

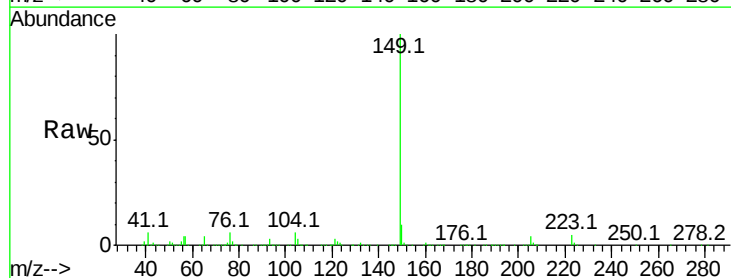
Tgt Ion:149 Resp: 615588

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

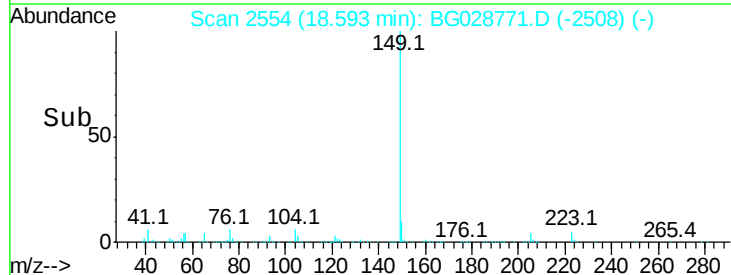
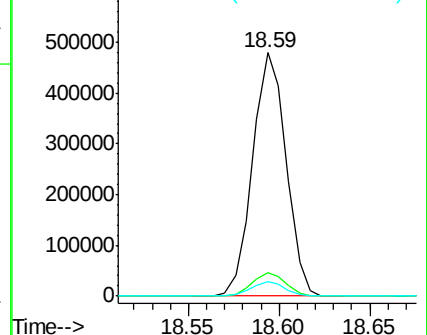
104 5.8 6.7 10.1#

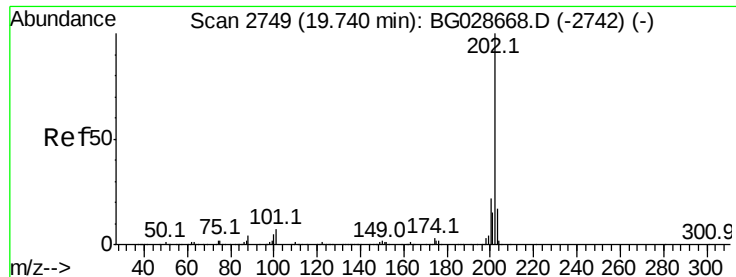


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.003 ng

RT: 19.71 min Scan# 2744

Delta R.T. -0.03 min

Lab File: BG028771.D

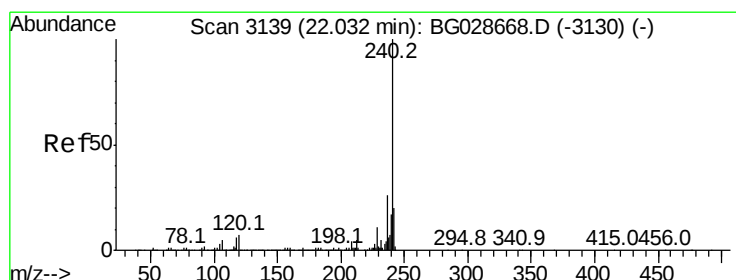
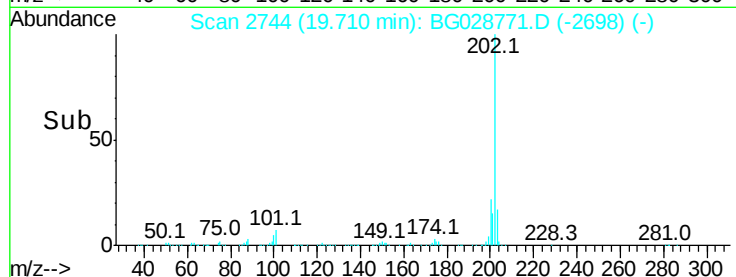
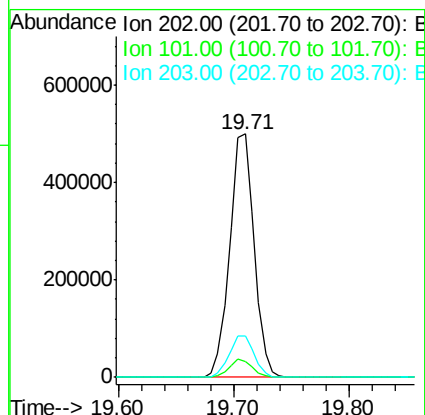
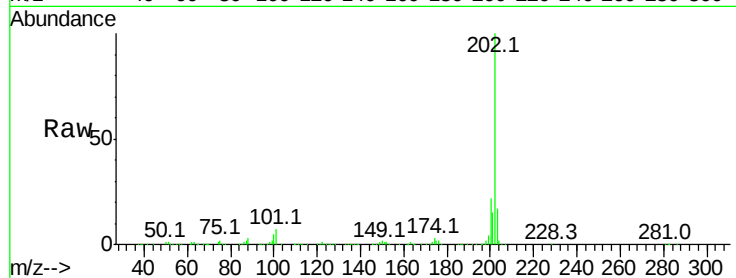
Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	727207
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	30.1
203	17.1	1.3	41.3



#75

Chrysene-d12

Concen: 20.000 ng

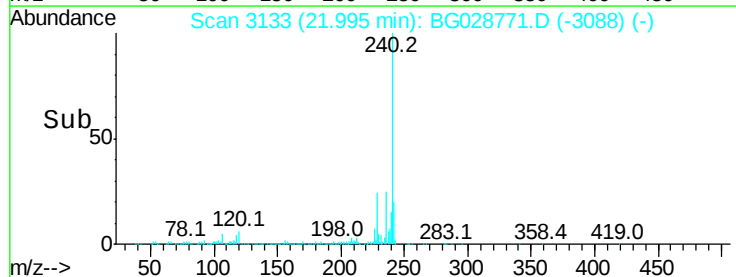
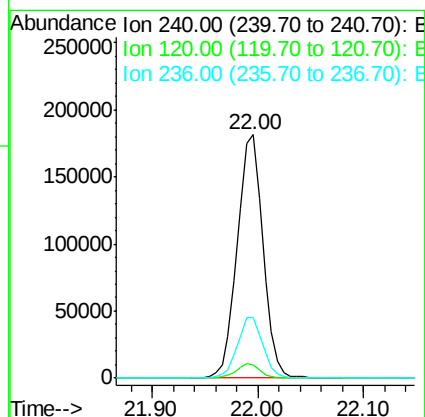
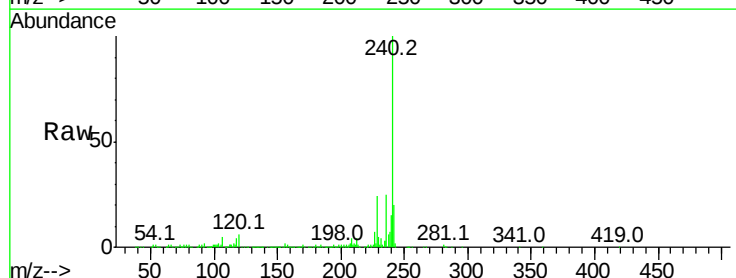
RT: 22.00 min Scan# 3133

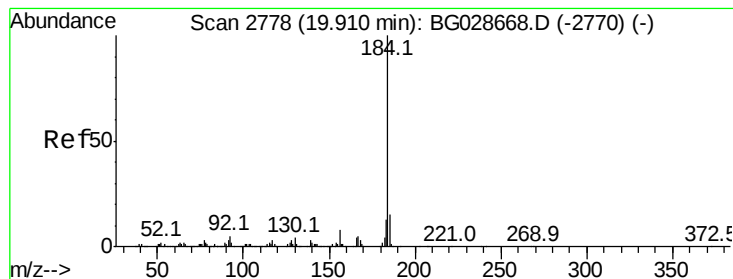
Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:	240	Resp:	304653
Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5#
236	24.8	22.2	33.4





#76

Benzidine

Concen: 19.717 ng

RT: 19.88 min Scan# 2773

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

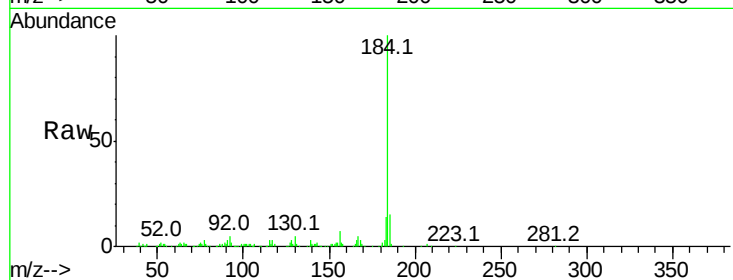
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 155770

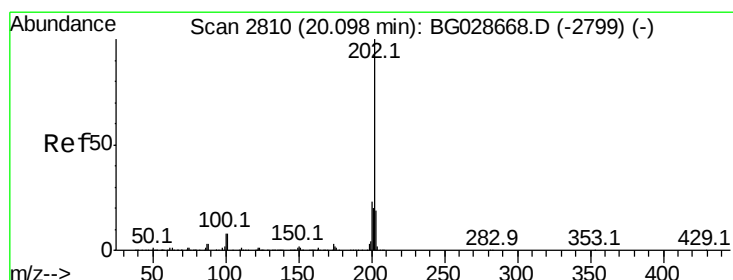
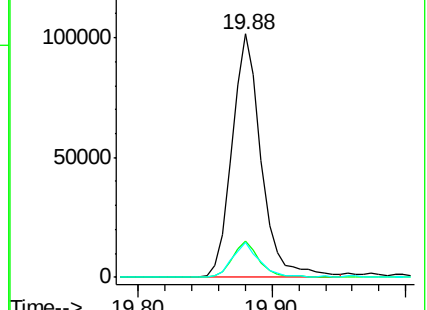
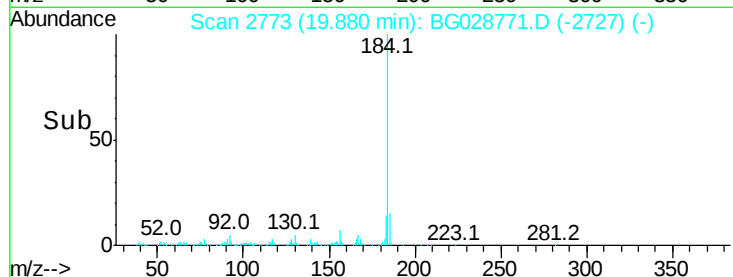
Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	14.1	11.0	16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.190 ng

RT: 20.07 min Scan# 2805

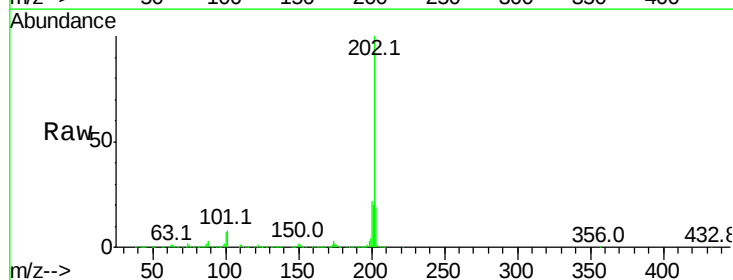
Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Tgt Ion:202 Resp: 741380

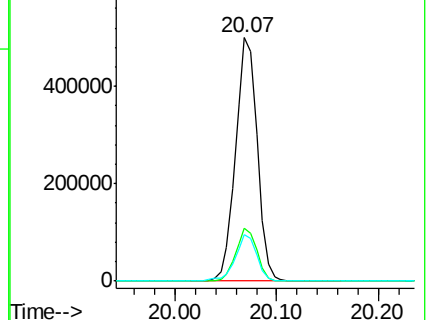
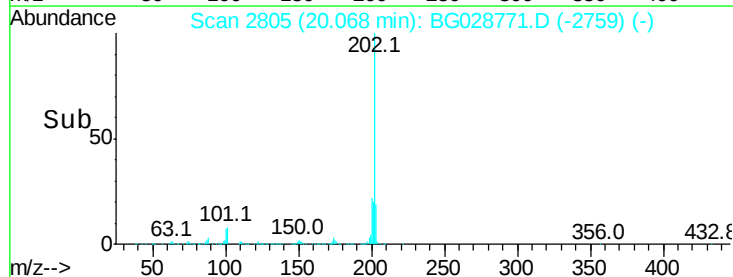
Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.6	29.4
203	19.2	15.8	23.8

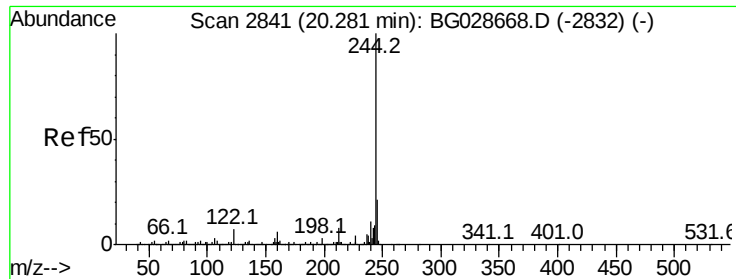


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.249 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

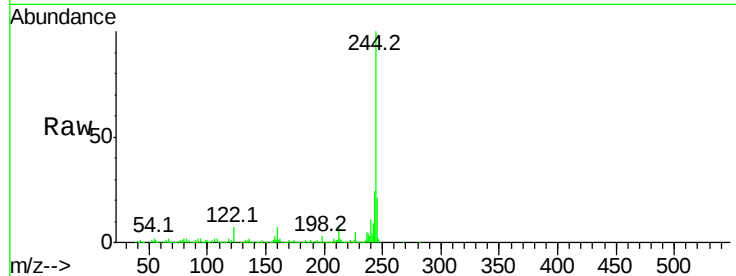
Tot Ion:244 Resp: 1160696

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	7.3	8.6	12.8#

244 100

212 8.1 10.0 15.0#

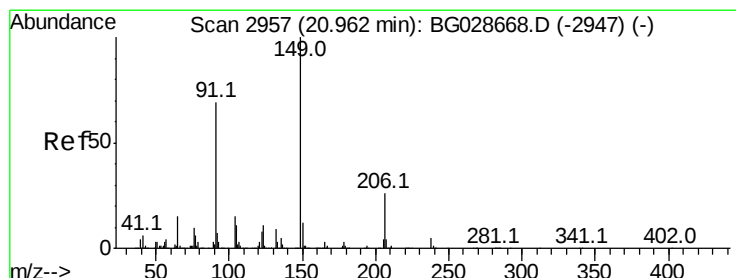
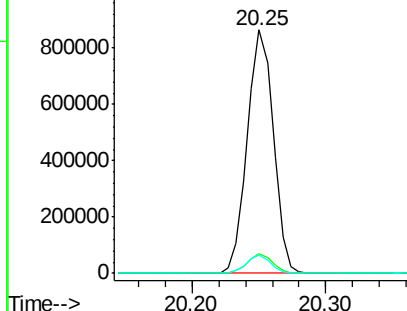
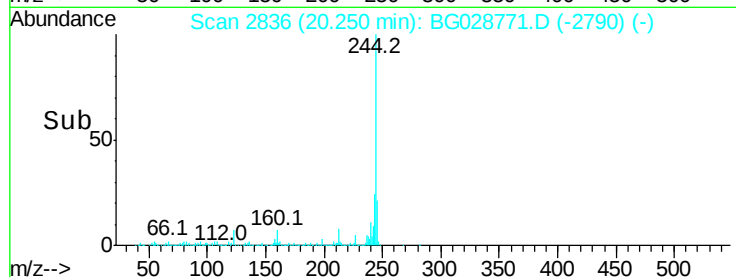
122 7.3 8.6 12.8#



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: 39.875 ng

RT: 20.93 min Scan# 2952

Delta R.T. -0.03 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

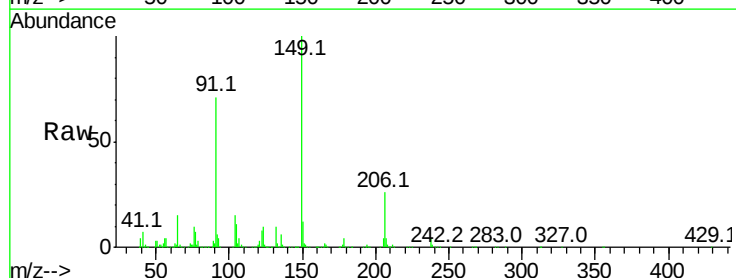
Tgt Ion:149 Resp: 282989

Ion	Ratio	Lower	Upper
149	100		
91	70.7	63.5	95.3
206	25.6	21.0	31.6

149 100

91 70.7 63.5 95.3

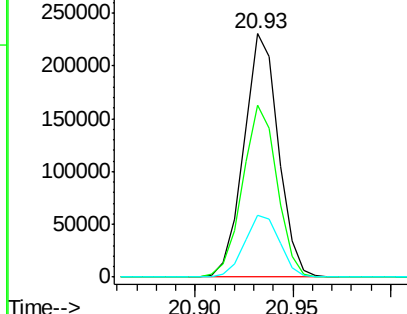
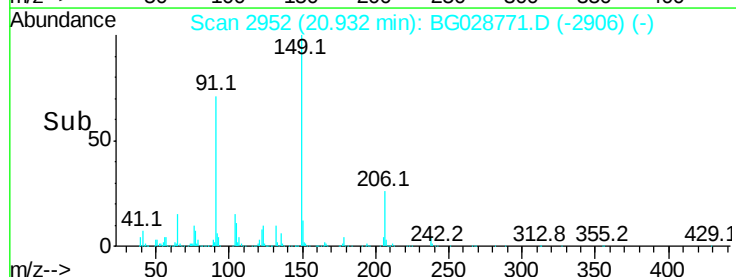
206 25.6 21.0 31.6

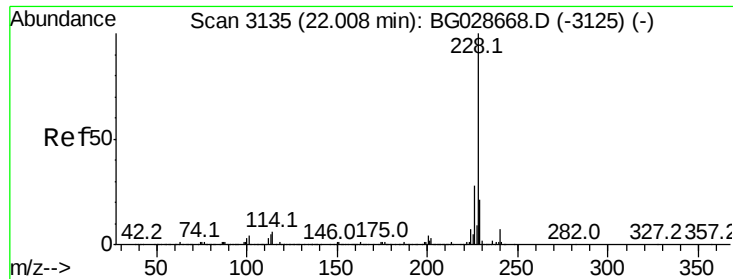


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

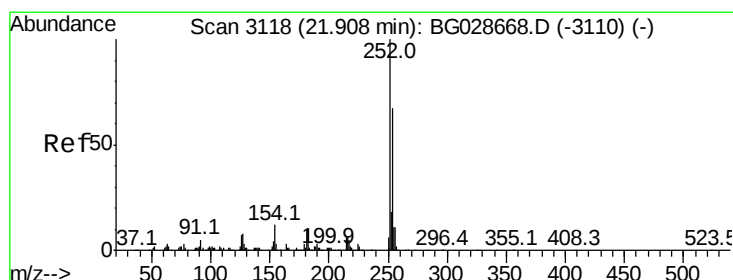
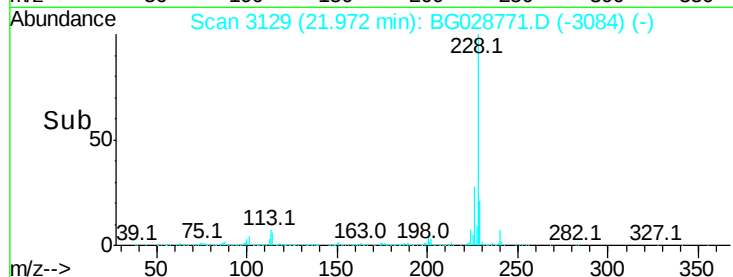
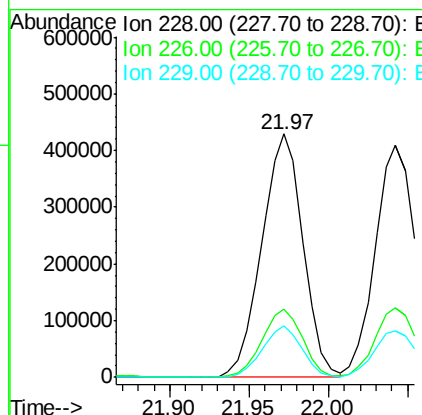
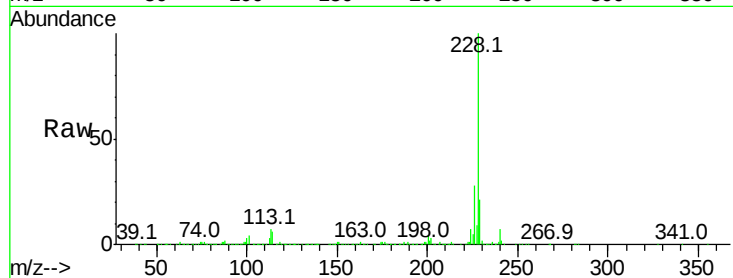




#80
Benzo(a)anthracene
Concen: 42.200 ng
RT: 21.97 min Scan# 3129
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

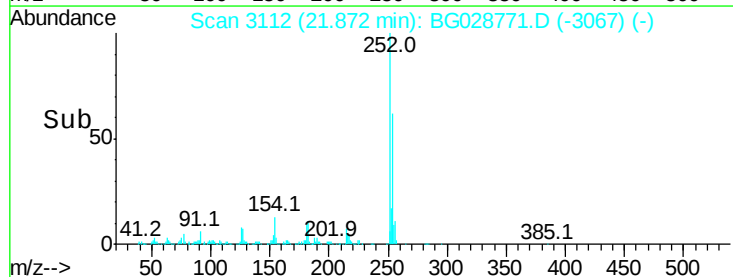
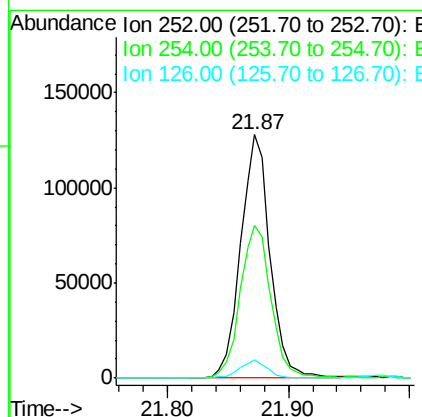
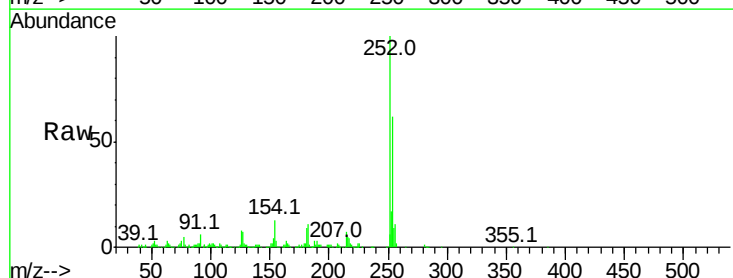
Instrument :
BNA_G
ClientSampled :

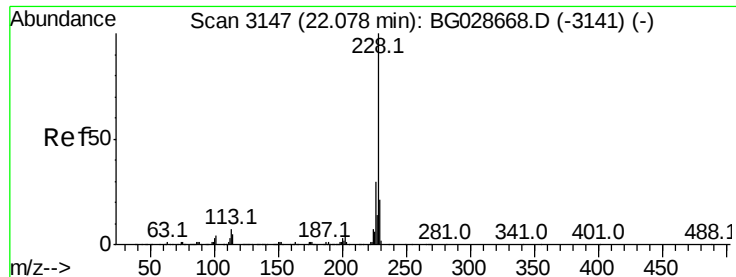
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	21.0	18.2	27.2



#81
3,3'-Dichlorobenzidine
Concen: 29.122 ng
RT: 21.87 min Scan# 3112
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	53.1	79.7
126	7.7	7.0	10.4





#82

Chrysene

Concen: 41.368 ng

RT: 22.04 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

Instrument :

BNA_G

ClientSampled :

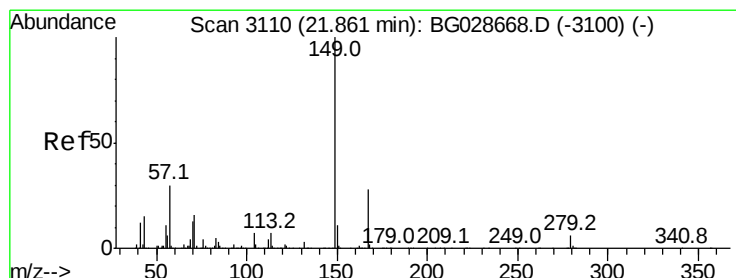
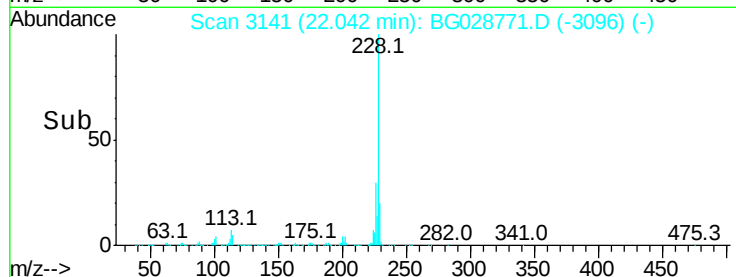
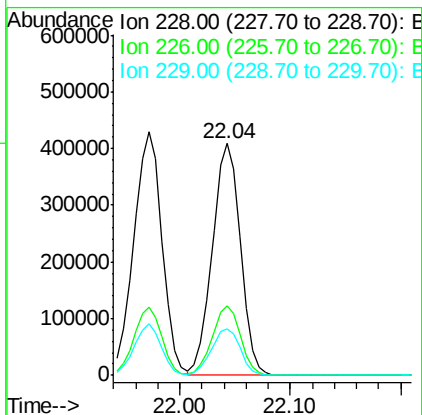
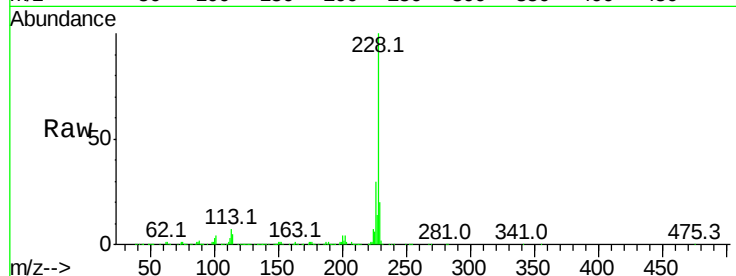
Tot Ion:228 Resp: 719799

Ion	Ratio	Lower	Upper
228	100		
226	29.7	27.0	40.4
229	20.0	17.8	26.6

228 100

226 29.7 27.0 40.4

229 20.0 17.8 26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.691 ng

RT: 21.82 min Scan# 3104

Delta R.T. -0.04 min

Lab File: BG028771.D

Acq: 15 Sep 2017 17:21

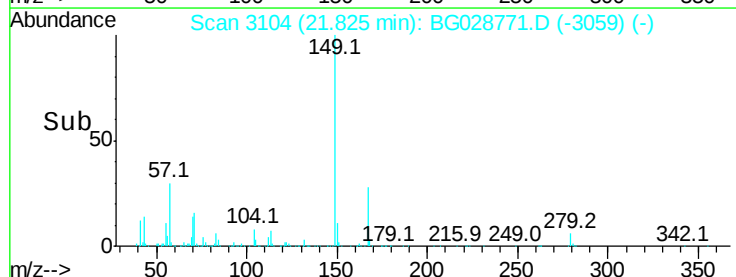
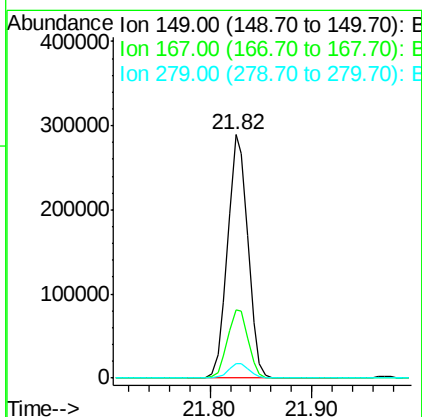
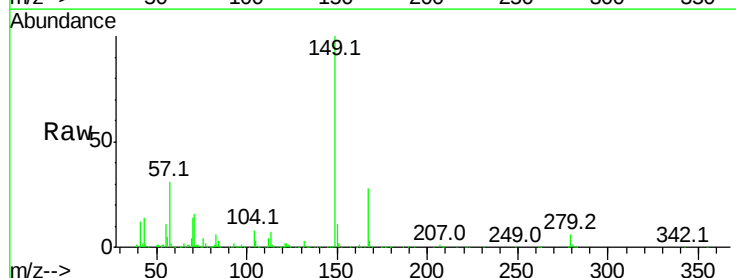
Tgt Ion:149 Resp: 400466

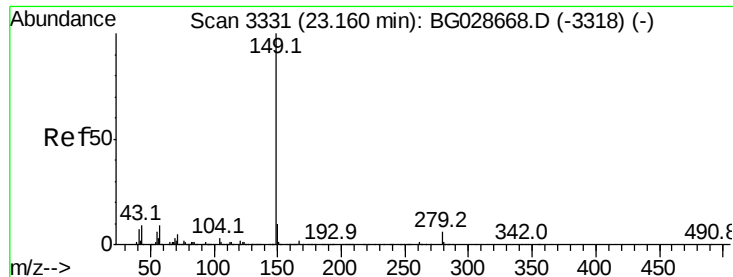
Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.7	35.5
279	5.9	4.6	6.8

149 100

167 27.9 23.7 35.5

279 5.9 4.6 6.8

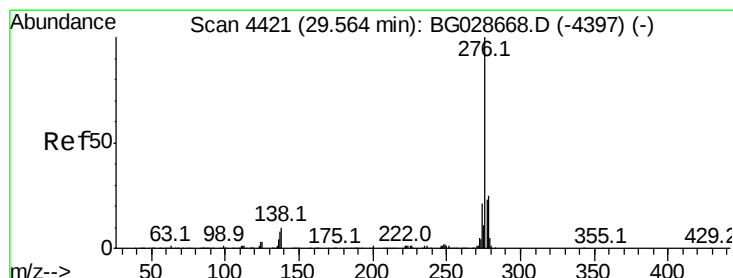
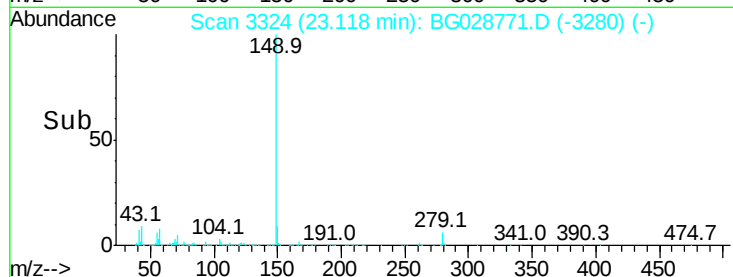
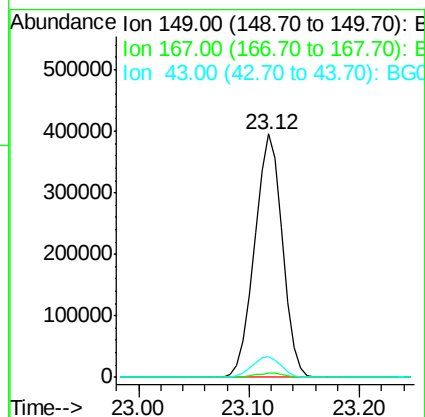
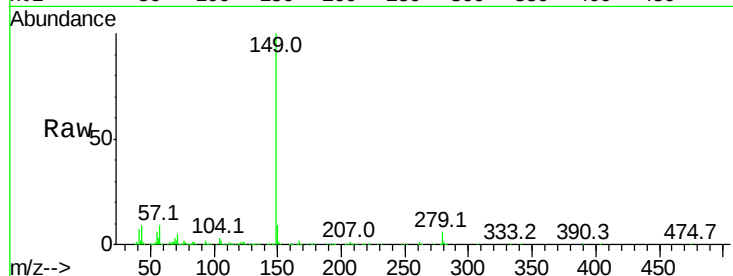




#84
Di-n-octyl phthalate
Concen: 39.662 ng
RT: 23.12 min Scan# 3324
Delta R.T. -0.04 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

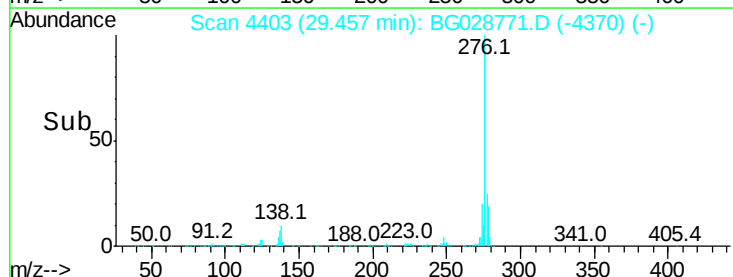
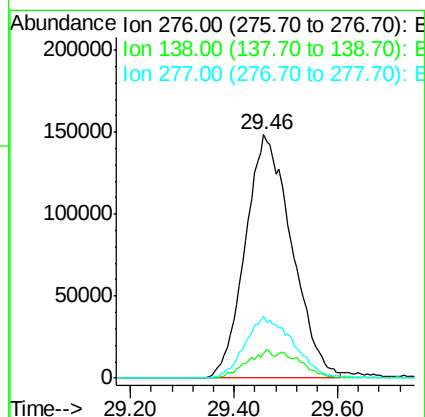
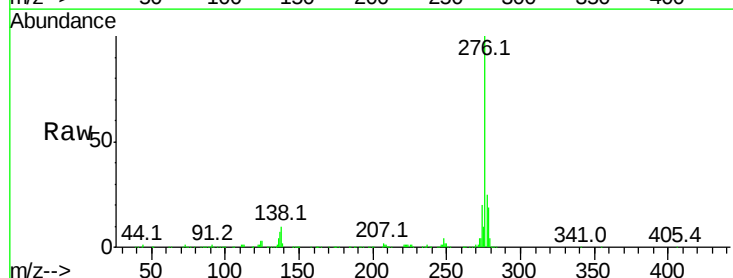
Instrument :
BNA_G
ClientSampled :

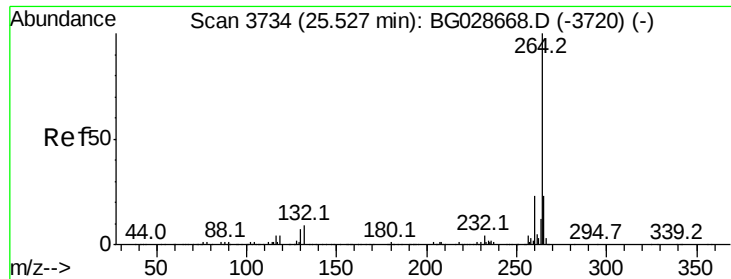
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.0	11.8	17.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.319 ng
RT: 29.46 min Scan# 4403
Delta R.T. -0.11 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.9	4.7	7.1
277	25.9	20.6	31.0

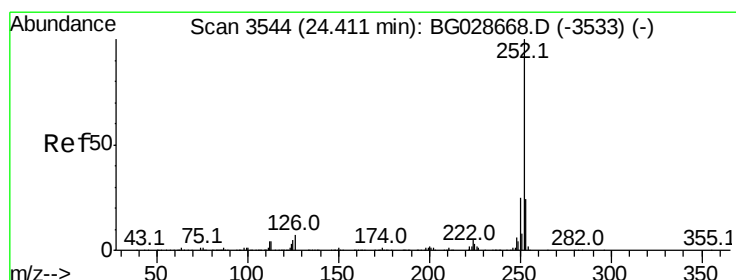
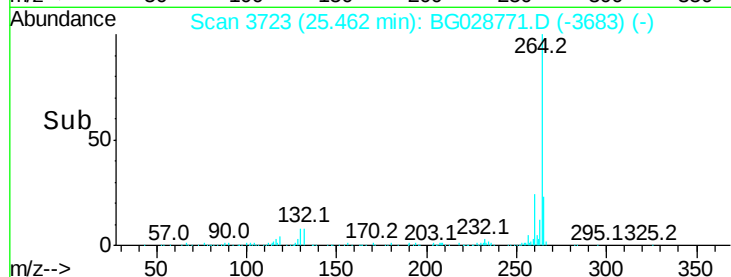
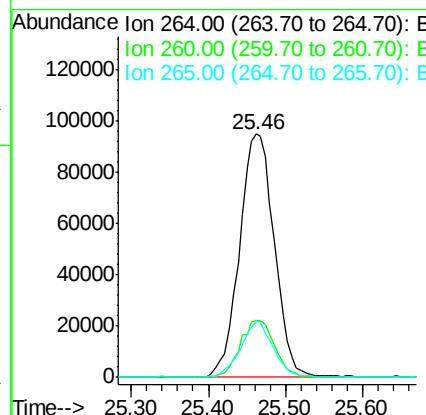
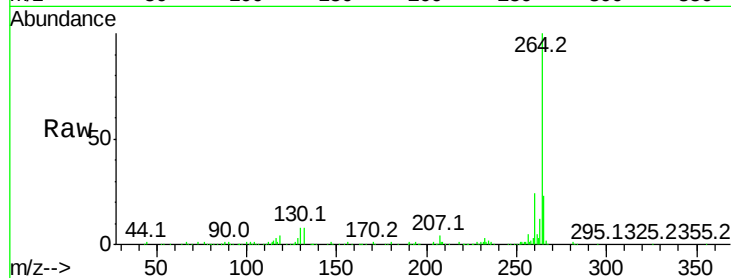




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.46 min Scan# 3723
 Delta R.T. -0.07 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

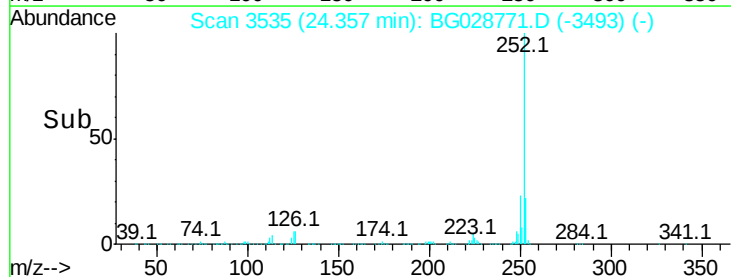
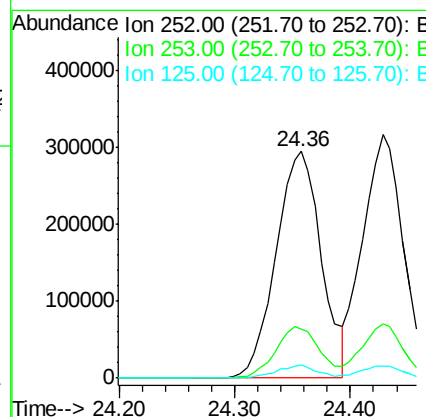
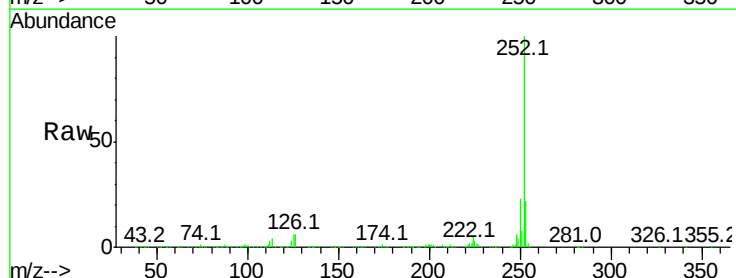
Instrument :
 BNA_G
 ClientSampleId :

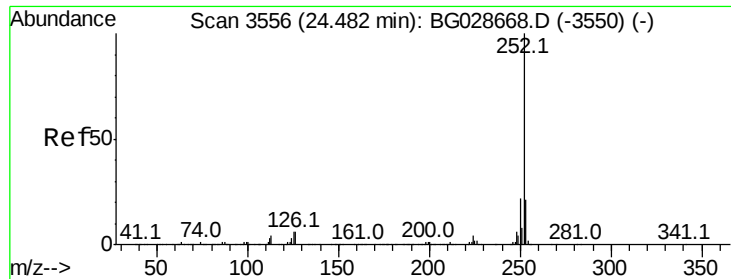
Tot Ion:264 Resp: 300156
 Ion Ratio Lower Upper
 264 100
 260 23.5 21.8 32.8
 265 22.9 18.2 27.4



#87
 Benzo(b)fluoranthene
 Concen: 44.634 ng
 RT: 24.36 min Scan# 3535
 Delta R.T. -0.05 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion:252 Resp: 802649
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.7 28.1
 125 5.9 5.3 7.9

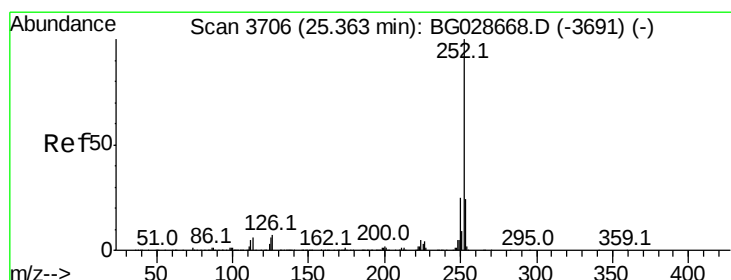
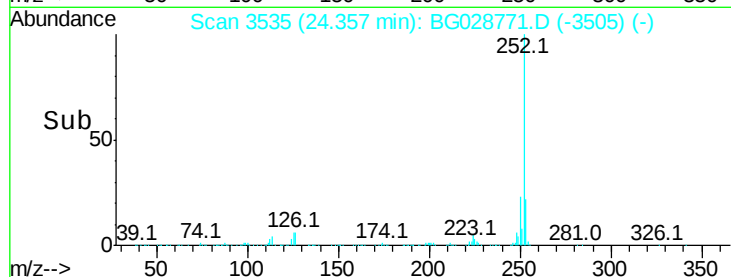
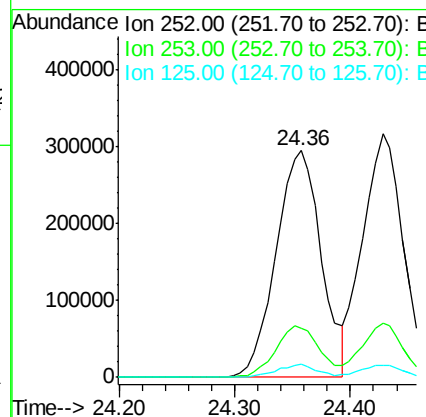
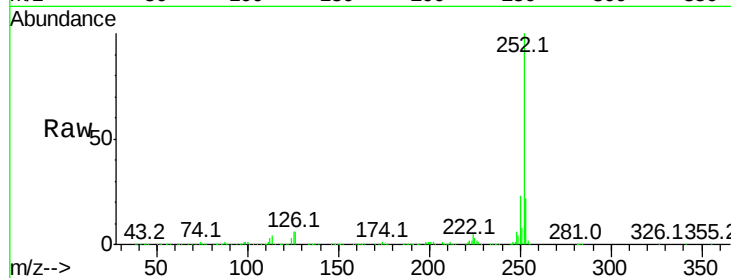




#88
Benzo(k)fluoranthene
Concen: 44.684 ng
RT: 24.36 min Scan# 3535
Delta R.T. -0.12 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

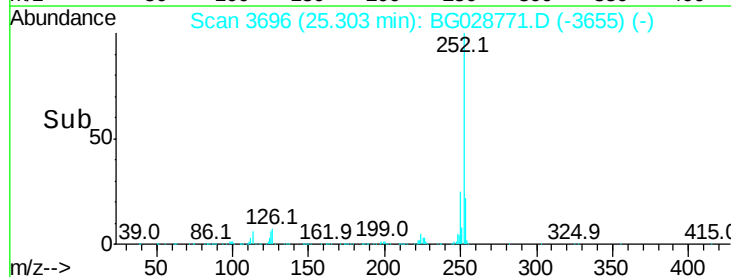
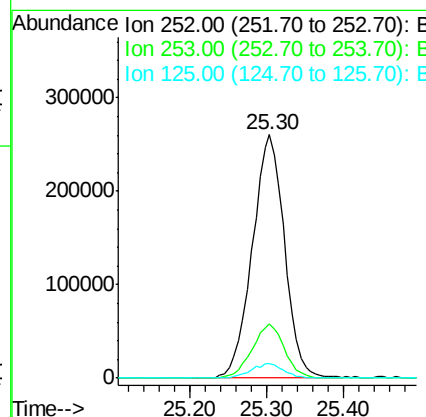
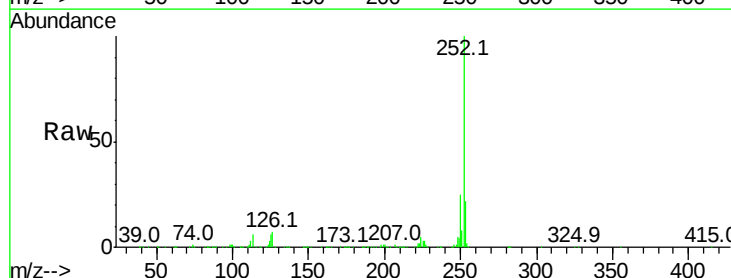
Instrument :
BNA_G
ClientSampleId :

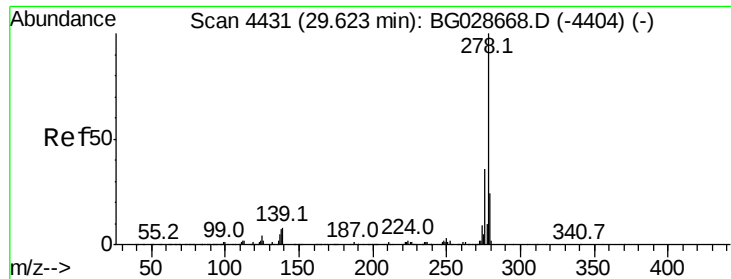
Tot Ion:252 Resp: 802649
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.2
125 5.9 5.1 7.7



#89
Benzo(a)pyrene
Concen: 44.563 ng
RT: 25.30 min Scan# 3696
Delta R.T. -0.06 min
Lab File: BG028771.D
Acq: 15 Sep 2017 17:21

Tgt Ion:252 Resp: 760660
Ion Ratio Lower Upper
252 100
253 22.2 19.2 28.8
125 5.9 5.4 8.0



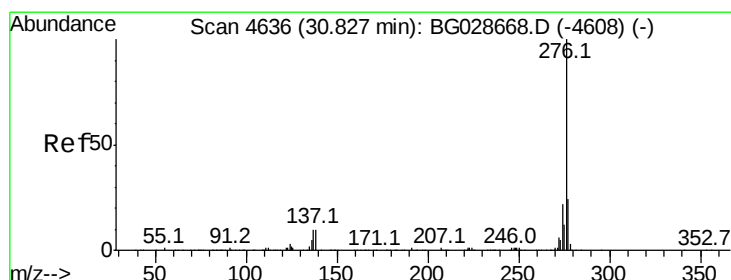
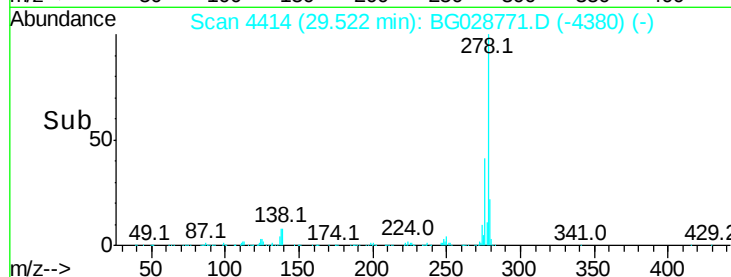
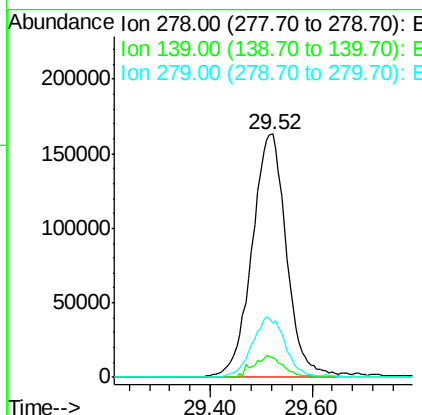
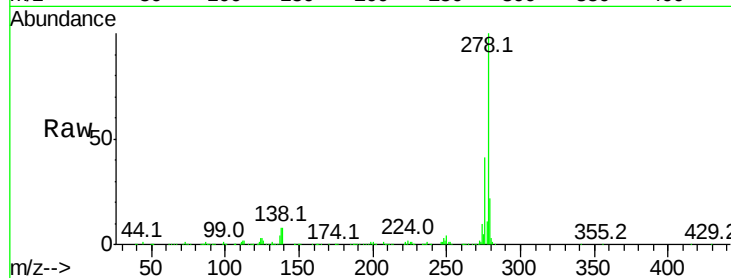


#90
 Dibenzo(a,h)anthracene
 Concen: 43.357 ng
 RT: 29.52 min Scan# 4414
 Delta R.T. -0.10 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 771570

Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.7	11.5
279	22.1	19.1	28.7



#91
 Benzo(g,h,i)perylene
 Concen: 43.890 ng
 RT: 30.71 min Scan# 4616
 Delta R.T. -0.12 min
 Lab File: BG028771.D
 Acq: 15 Sep 2017 17:21

Tgt Ion:276 Resp: 762108

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	9.9	8.1	12.1

