

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061017\
 Data File : BG027371.D
 Acq On : 10 Jun 2017 14:29
 Operator : SJ/MA
 Sample : I3566-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:06:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	50883	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	225639	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	138537	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	333872	20.00	ng	-0.04
75) Chrysene-d12	22.26	240	406360	20.00	ng	-0.05
86) Perylene-d12	25.93	264	381573	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.13	112	457573	137.22	ng	-0.02
7) Phenol-d6	7.69	99	644702	131.72	ng	-0.02
23) Nitrobenzene-d5	9.71	82	354401	98.78	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	265502	145.54	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	769642	77.72	ng	-0.04
78) Terphenyl-d14	20.45	244	1305202	81.94	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.15	88	52626	38.06	ng	# 87
3) Pyridine	4.53	79	154144	36.17	ng	# 78
4) n-Nitrosodimethylamine	4.44	42	73258	46.42	ng	# 58
6) Aniline	7.87	93	231315	37.53	ng	96
8) 2-Chlorophenol	8.11	128	152885	43.42	ng	94
9) Benzaldehyde	7.69	77	73855	21.82	ng	92
10) Phenol	7.71	94	245163	48.98	ng	79
11) bis(2-Chloroethyl)ether	7.95	93	163037	39.70	ng	89
12) 1,3-Dichlorobenzene	8.44	146	149675	37.69	ng	96
13) 1,4-Dichlorobenzene	8.58	146	152387	37.39	ng	99
14) 1,2-Dichlorobenzene	8.90	146	145061	36.49	ng	93
15) Benzyl Alcohol	8.77	79	141585	41.05	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.05	45	270649	46.06	ng	93
17) 2-Methylphenol	8.96	107	148194	41.88	ng	# 88
18) Hexachloroethane	9.63	117	54852	39.95	ng	# 84
19) n-Nitroso-di-n-propylamine	9.33	70	141521	41.33	ng	# 87
20) 3+4-Methylphenols	9.28	107	202728	41.36	ng	89
22) Acetophenone	9.36	105	244345	42.34	ng	# 87
24) Nitrobenzene	9.75	77	190028	46.49	ng	# 89
25) Isophorone	10.27	82	379226	44.95	ng	# 97
26) 2-Nitrophenol	10.46	139	74325	44.69	ng	# 82
27) 2,4-Dimethylphenol	10.49	122	161985	44.66	ng	92
28) bis(2-Chloroethoxy)methane	10.74	93	229611	42.03	ng	99
29) 2,4-Dichlorophenol	10.99	162	144945	43.77	ng	96
30) 1,2,4-Trichlorobenzene	11.21	180	142348	38.82	ng	98
31) Naphthalene	11.41	128	478075	38.77	ng	99
32) Benzoic acid	10.49	122	161985	61.79	ng	# 5
33) 4-Chloroaniline	11.51	127	122366	23.81	ng	# 91
34) Hexachlorobutadiene	11.68	225	85574	37.97	ng	98
35) Caprolactam	12.27	113	30854	27.17	ng	92
36) 4-Chloro-3-methylphenol	12.58	107	190901	46.00	ng	96
37) 2-Methylnaphthalene	12.97	142	343656	38.20	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	165506	38.35	ng	99
40) Hexachlorocyclopentadiene	13.31	237	217707	94.78	ng	96

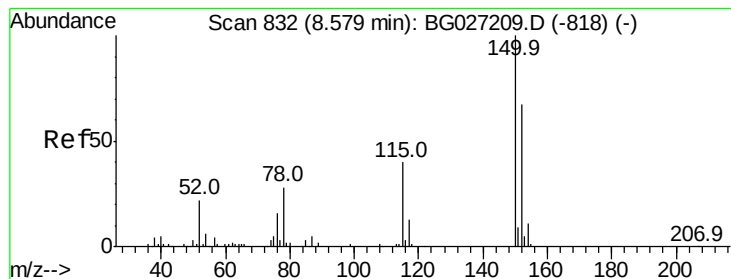
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061017\
 Data File : BG027371.D
 Acq On : 10 Jun 2017 14:29
 Operator : SJ/MA
 Sample : I3566-08MSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	119253	45.56	nq	96
43) 2,4,5-Trichlorophenol	13.63	196	127309	43.46	nq	96
45) 1,1'-Biphenyl	13.95	154	447505	39.57	nq	96
46) 2-Chloronaphthalene	14.01	162	344180	40.60	nq	98
47) 2-Nitroaniline	14.20	65	128182	52.43	nq	88
48) Acenaphthylene	14.85	152	555120	38.69	nq	97
49) Dimethylphthalate	14.56	163	600727	54.66	nq	97
50) 2,6-Dinitrotoluene	14.68	165	93170	42.46	nq	# 83
51) Acenaphthene	15.19	154	368729	39.51	nq	97
52) 3-Nitroaniline	15.02	138	85632	37.93	nq	94
53) 2,4-Dinitrophenol	15.22	184	49355	54.20	nq	96
54) Dibenzofuran	15.52	168	546958	41.94	nq	94
55) 4-Nitrophenol	15.31	139	191478	91.30	nq	# 58
56) 2,4-Dinitrotoluene	15.46	165	131525	46.33	nq	# 93
57) Fluorene	16.16	166	445064	38.42	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.74	232	127845	48.89	nq	98
59) Diethylphthalate	15.91	149	484311	44.18	nq	97
60) 4-Chlorophenyl-phenylether	16.15	204	228365	39.14	nq	96
61) 4-Nitroaniline	16.18	138	118329	49.70	nq	# 70
62) Azobenzene	16.44	77	506776	49.88	nq	90
64) 4,6-Dinitro-2-methylphenol	16.23	198	70201	47.52	nq	87
65) n-Nitrosodiphenylamine	16.36	169	409814	39.15	nq	99
66) 4-Bromophenyl-phenylether	17.05	248	151425	38.32	nq	94
67) Hexachlorobenzene	17.17	284	164349	38.67	nq	# 88
68) Atrazine	17.30	200	157818	45.09	nq	94
69) Pentachlorophenol	17.52	266	215722	86.59	nq	97
70) Phenanthrene	17.91	178	753010	40.09	nq	95
71) Anthracene	18.01	178	752196	39.97	nq	98
72) Carbazole	18.27	167	713799	40.21	nq	95
73) Di-n-butylphthalate	18.80	149	869530	50.52	nq	# 94
74) Fluoranthene	19.91	202	915723	45.63	nq	93
76) Benzidine	20.08	184	418242	34.17	nq	96
77) Pyrene	20.27	202	928164	37.80	nq	97
79) Butylbenzylphthalate	21.15	149	403261	46.48	nq	93
80) Benzo(a)anthracene	22.23	228	939745	40.55	nq	95
81) 3,3'-Dichlorobenzidine	22.13	252	270641	30.02	nq	# 97
82) Chrysene	22.31	228	879973	39.55	nq	96
83) Bis(2-ethylhexyl)phthalate	22.09	149	580405	44.27	nq	99
84) Di-n-octyl phthalate	23.46	149	980683	45.16	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.16	276	1105940	41.04	nq	# 93
87) Benzo(b)fluoranthene	24.75	252	942547	39.83	nq	# 95
88) Benzo(k)fluoranthene	24.83	252	939599	40.47	nq	# 93
89) Benzo(a)pyrene	25.76	252	909573	40.83	nq	# 94
90) Dibenzo(a,h)anthracene	30.24	278	943756	40.47	nq	# 95
91) Benzo(g,h,i)perylene	31.49	276	903585	40.01	nq	# 90

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

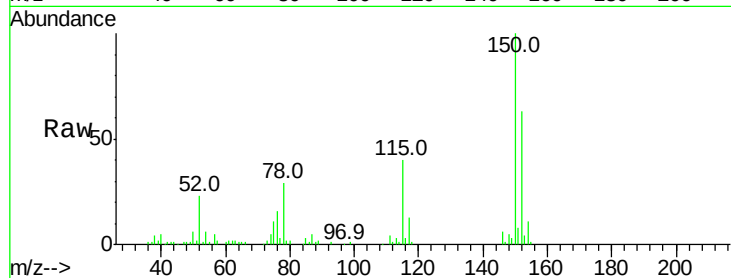


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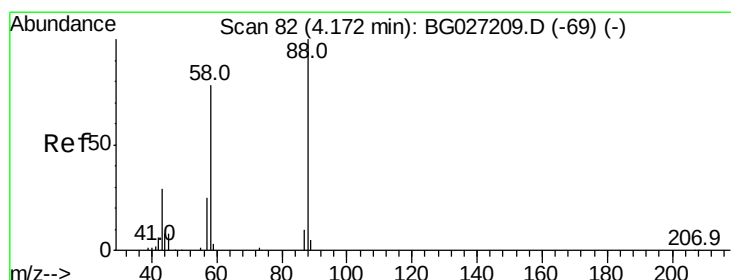
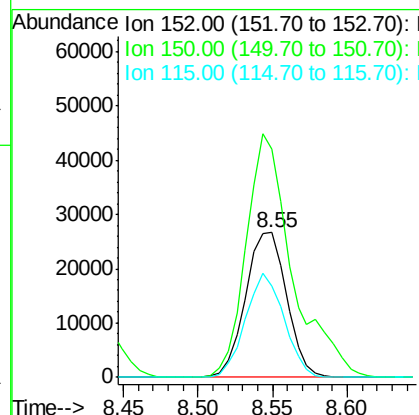
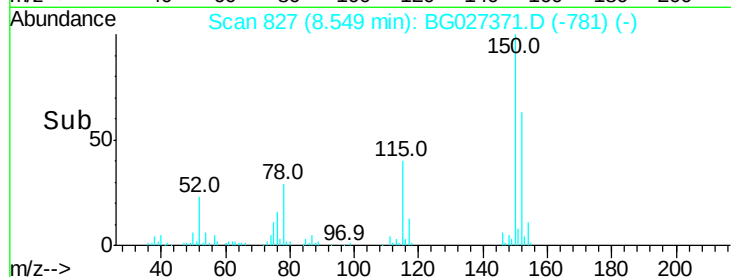
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50883
Ion Ratio Lower Upper
152 100
150 157.6 114.0 171.0
115 62.9 48.1 72.1



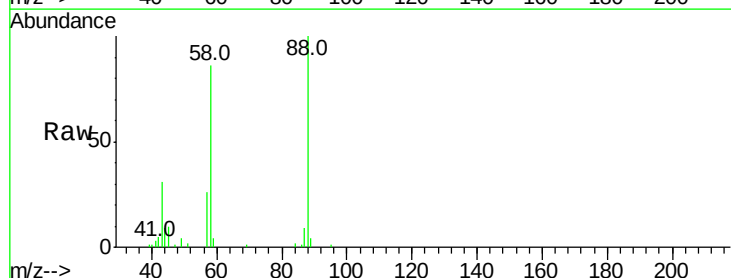
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



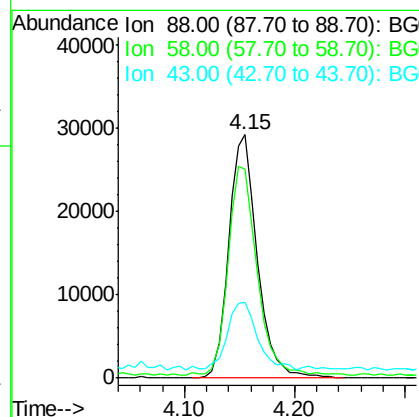
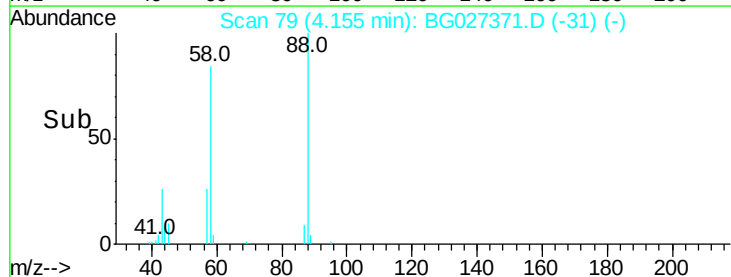
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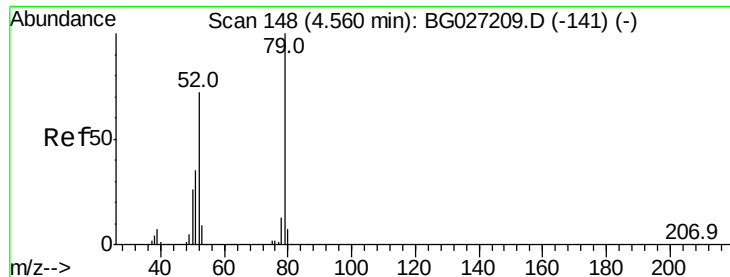
1,4-Dioxane
Concen: 38.06 ng
RT: 4.15 min Scan# 79
Delta R.T. -0.02 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion: 88 Resp: 52626
Ion Ratio Lower Upper
88 100
58 88.7 79.4 119.2
43 29.6 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: 36.17 ng

RT: 4.53 min Scan# 143

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

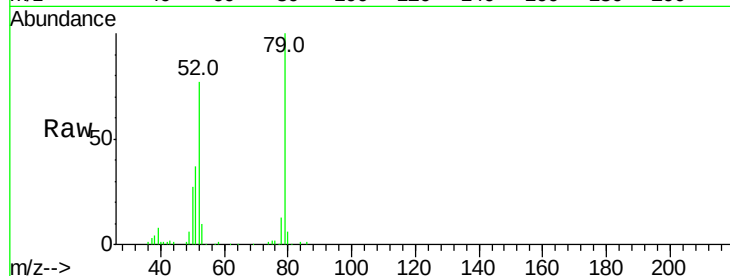
Tot Ion: 79 Resp: 154144

Ion Ratio Lower Upper

79 100

52 76.8 77.8 116.6#

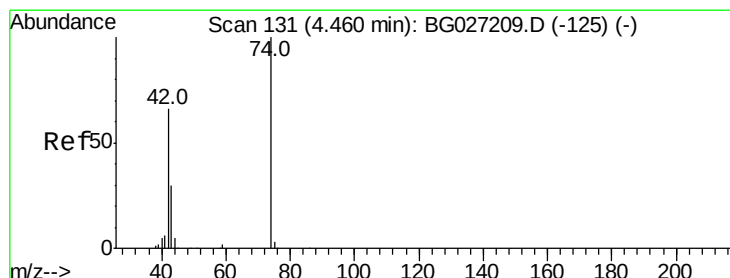
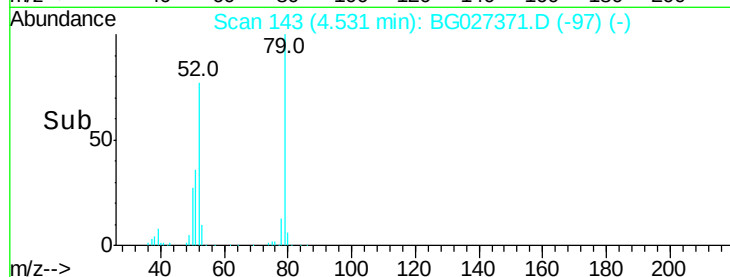
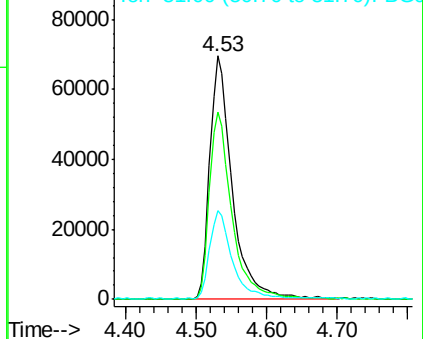
51 36.6 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.42 ng

RT: 4.44 min Scan# 127

Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

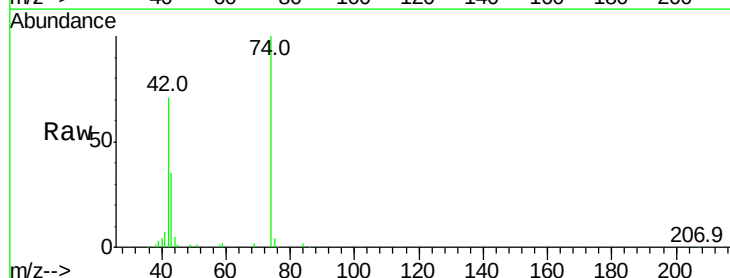
Tgt Ion: 42 Resp: 73258

Ion Ratio Lower Upper

42 100

74 140.2 76.7 115.1#

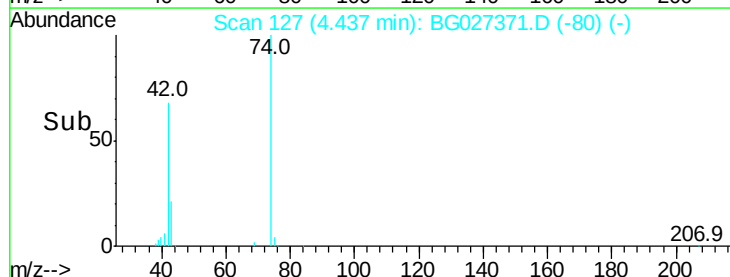
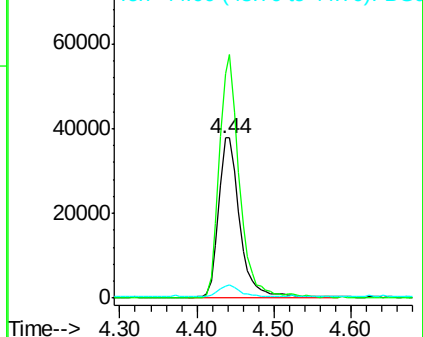
44 7.4 6.1 9.1

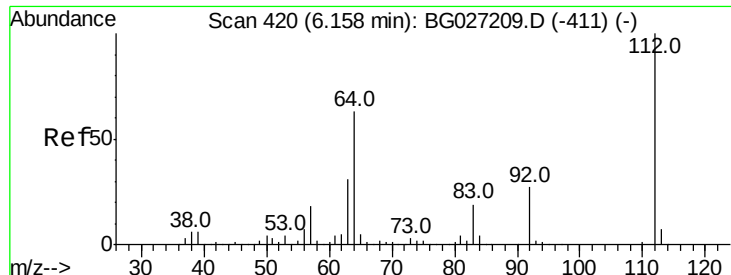


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

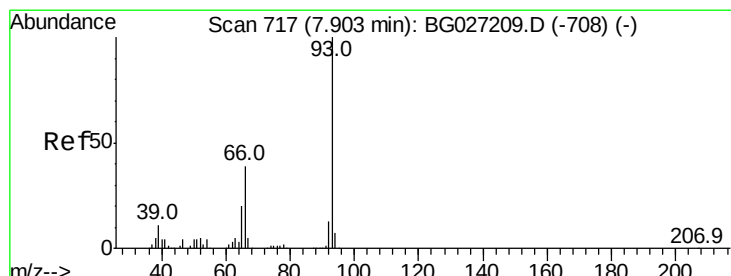
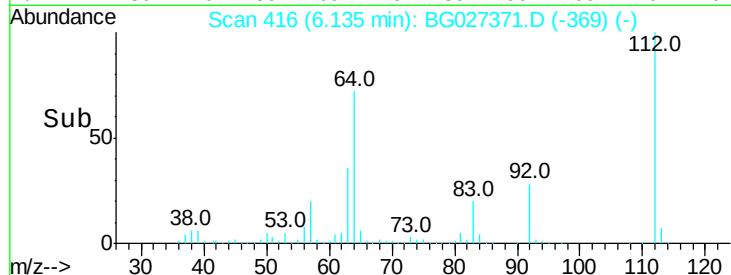
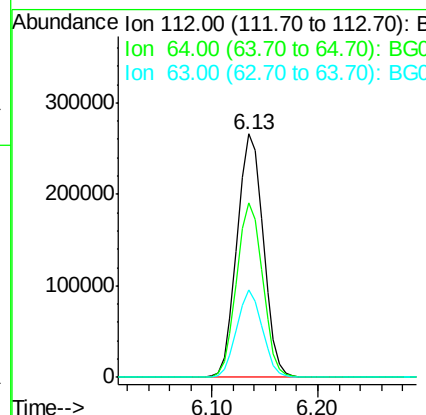
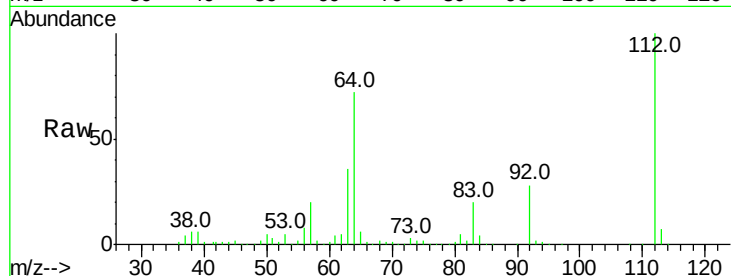




#5
 2-Fluorophenol
 Concen: 137.22 ng
 RT: 6.13 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

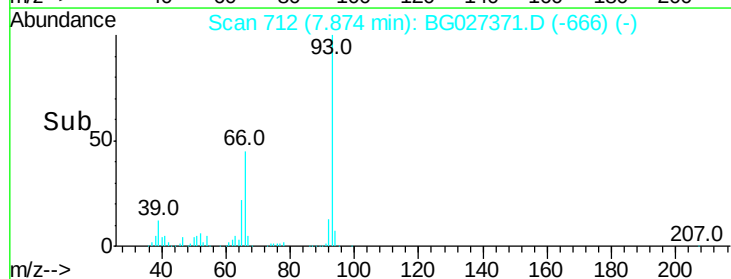
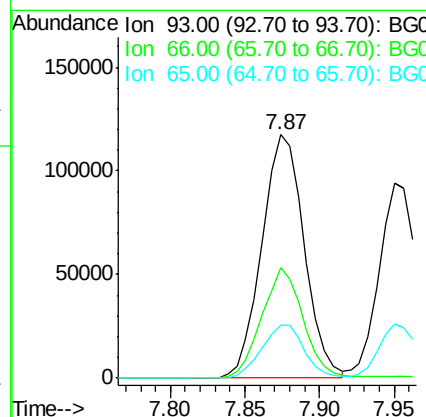
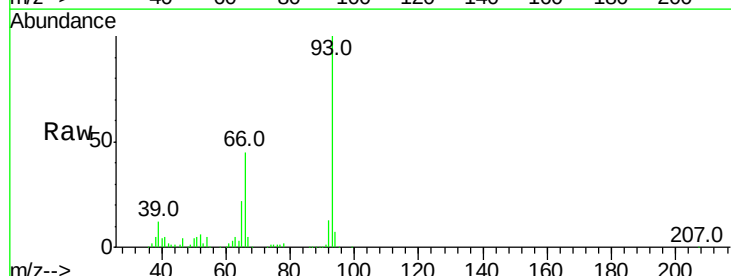
Instrument :
 BNA_G
 ClientSampleId :

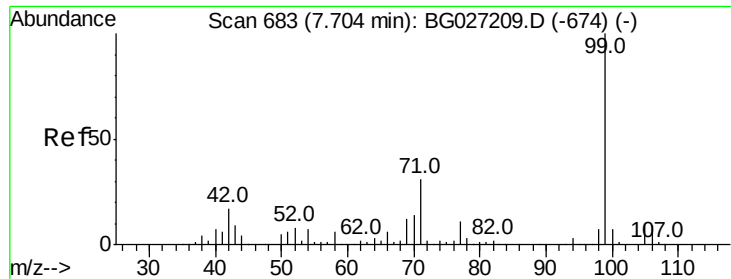
Tot Ion:112 Resp: 457573
 Ion Ratio Lower Upper
 112 100
 64 71.9 61.8 92.6
 63 35.7 37.2 55.8#



#6
 Aniline
 Concen: 37.53 ng
 RT: 7.87 min Scan# 712
 Delta R.T. -0.03 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion: 93 Resp: 231315
 Ion Ratio Lower Upper
 93 100
 66 45.3 35.4 53.2
 65 21.8 21.2 31.8





#7

Phenol-d6

Concen: 131.72 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

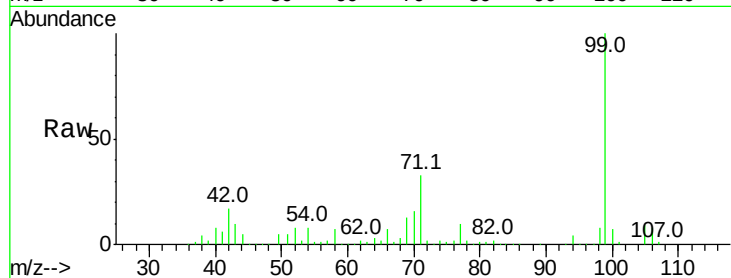
Tot Ion: 99 Resp: 644702

Ion Ratio Lower Upper

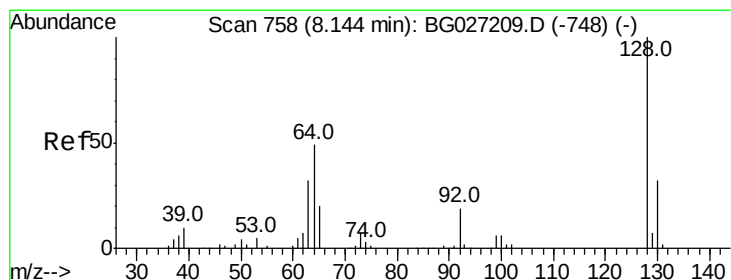
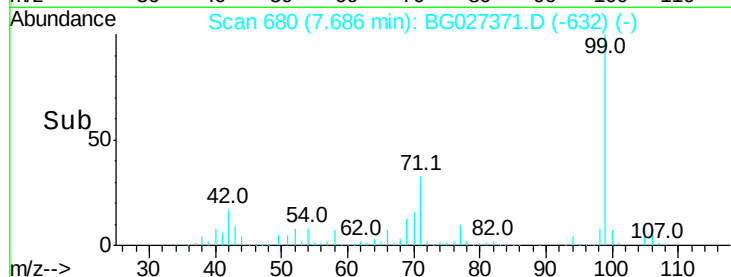
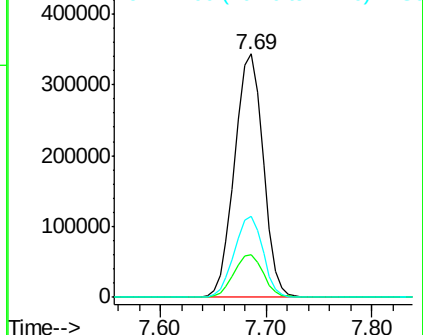
99 100

42 17.4 20.5 30.7#

71 33.1 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: 43.42 ng

RT: 8.11 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

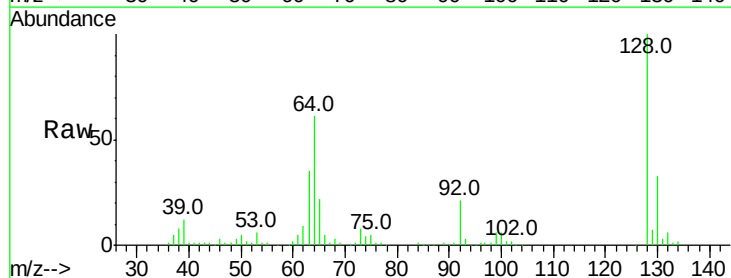
Tgt Ion: 128 Resp: 152885

Ion Ratio Lower Upper

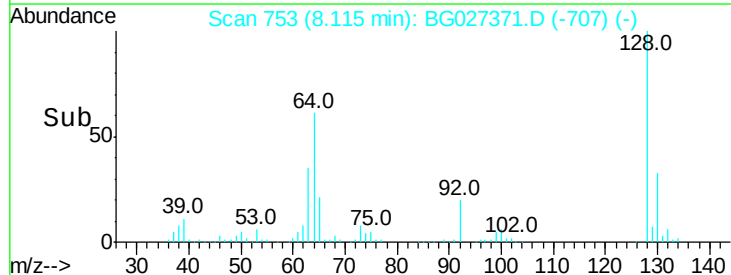
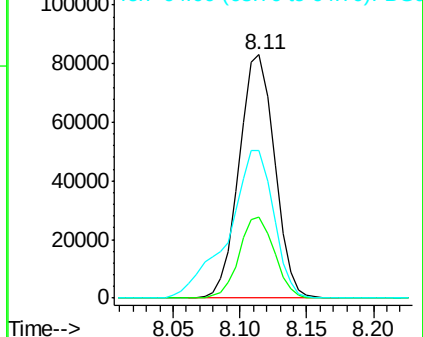
128 100

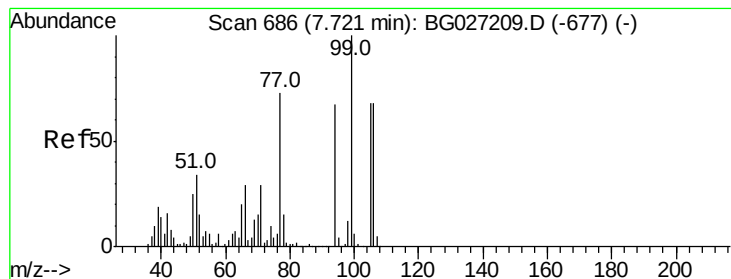
130 33.2 11.4 51.4

64 60.8 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.82 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampled :

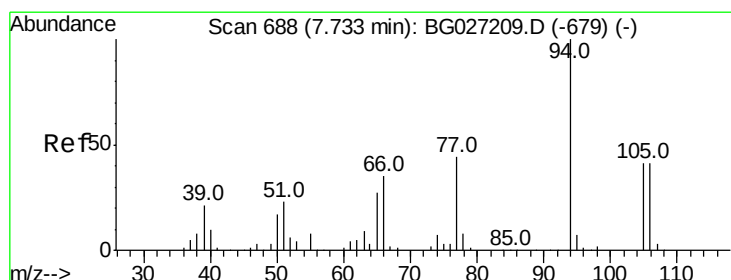
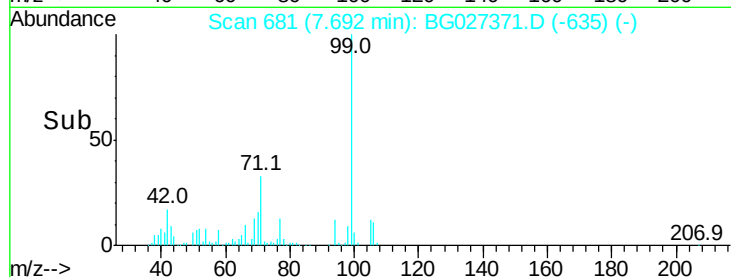
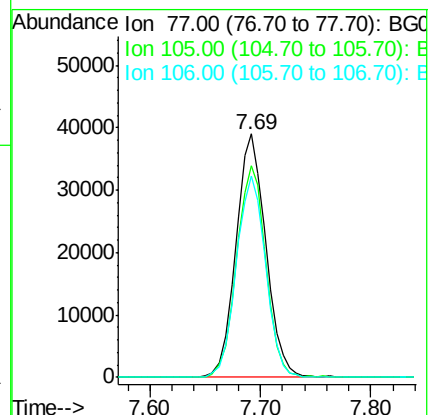
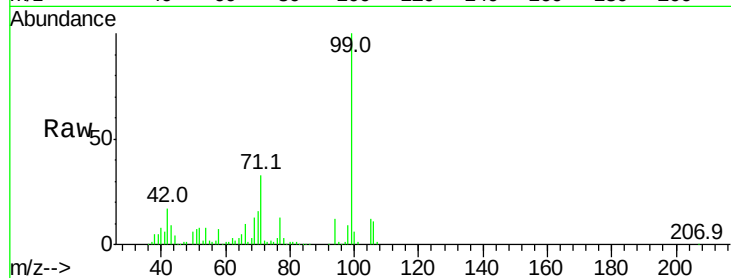
Tot Ion: 77 Resp: 73855

Ion Ratio Lower Upper

77 100

105 86.9 60.9 100.9

106 82.9 55.1 95.1



#10

Phenol

Concen: 48.98 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

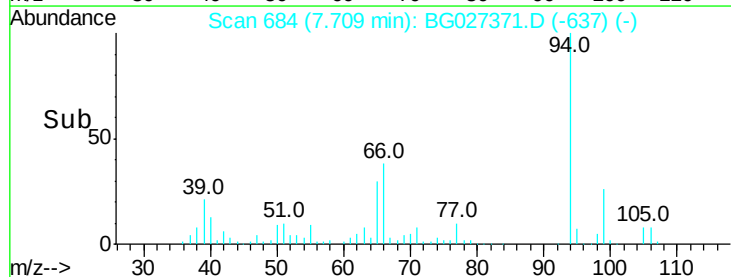
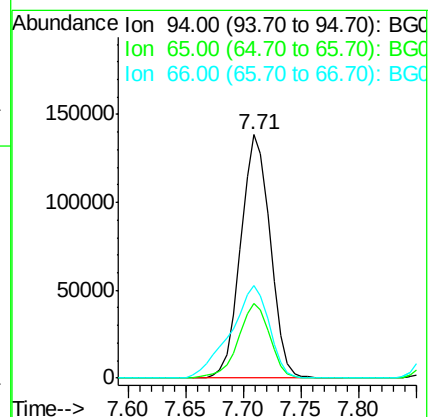
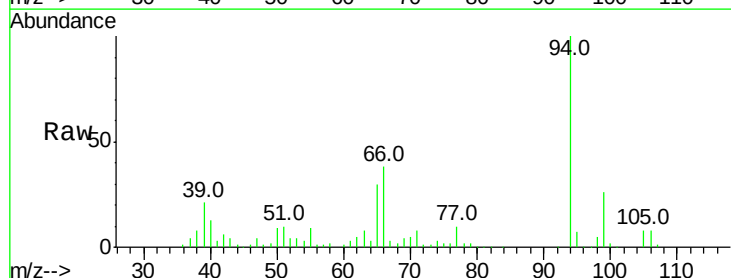
Tgt Ion: 94 Resp: 245163

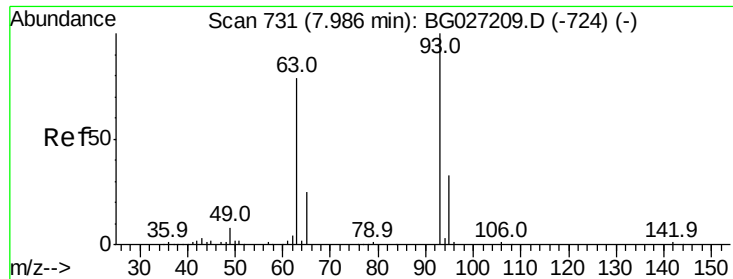
Ion Ratio Lower Upper

94 100

65 30.5 20.6 60.6

66 38.0 35.5 75.5

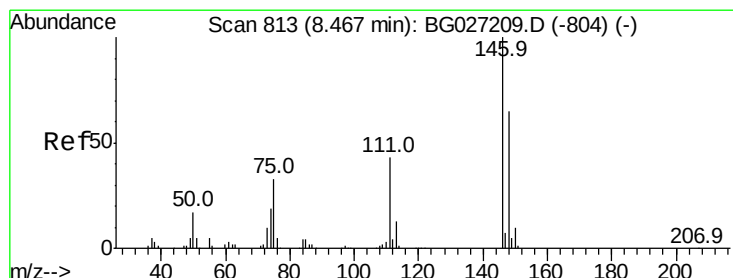
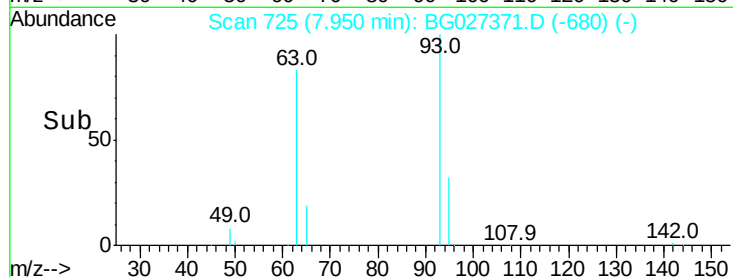
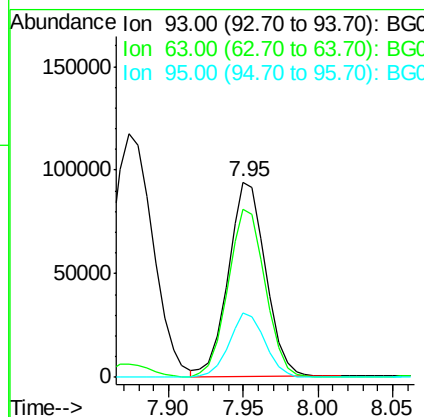
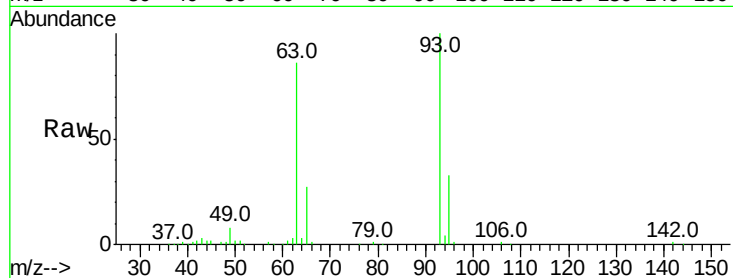




#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 7.95 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

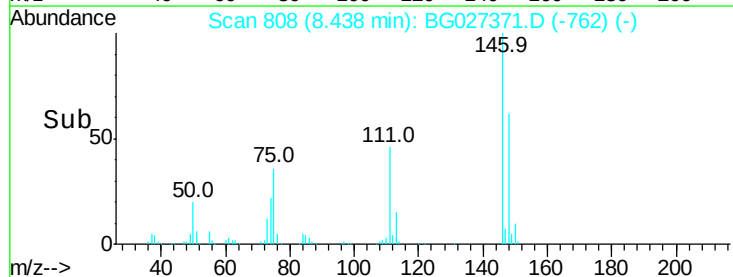
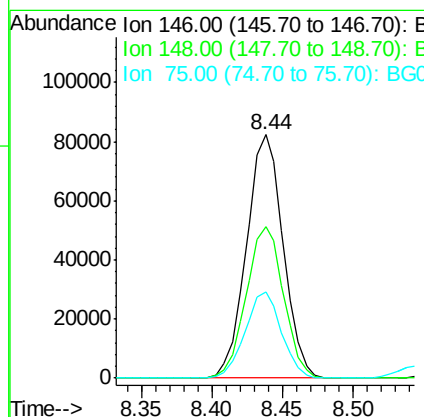
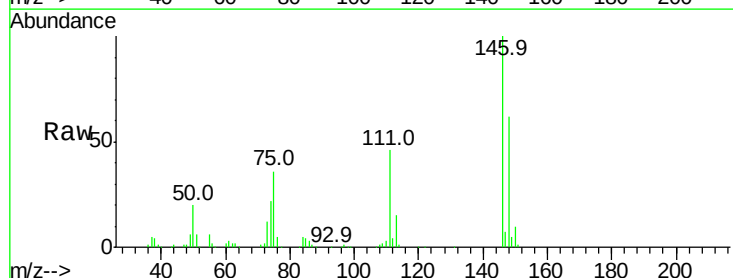
Instrument :
BNA_G
ClientSampleId :

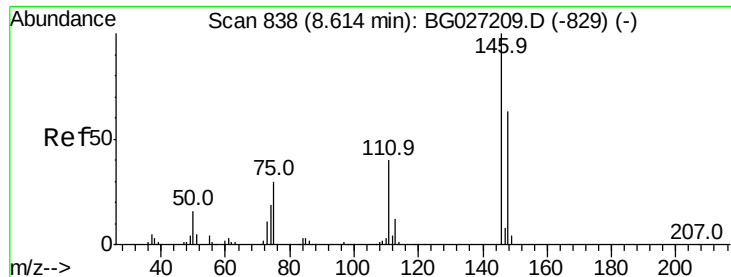
Tot Ion: 93 Resp: 163037
Ion Ratio Lower Upper
93 100
63 86.1 78.5 118.5
95 32.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 37.69 ng
RT: 8.44 min Scan# 808
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:146 Resp: 149675
Ion Ratio Lower Upper
146 100
148 62.2 49.2 73.8
75 35.6 33.4 50.2

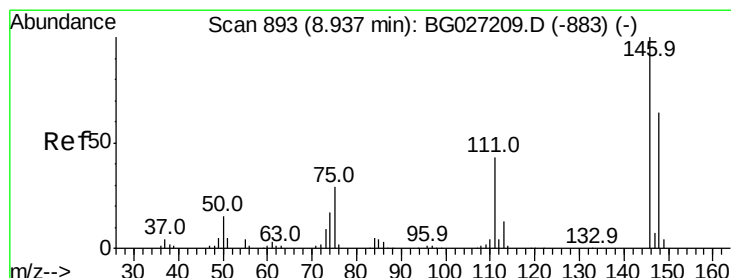
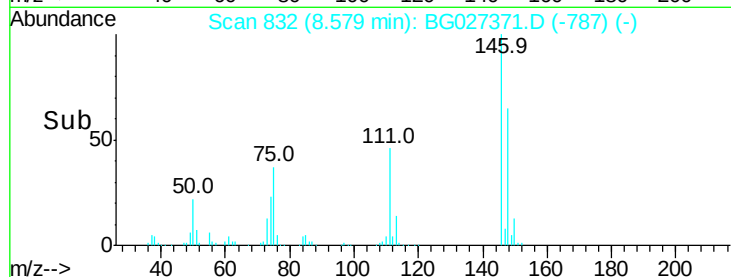
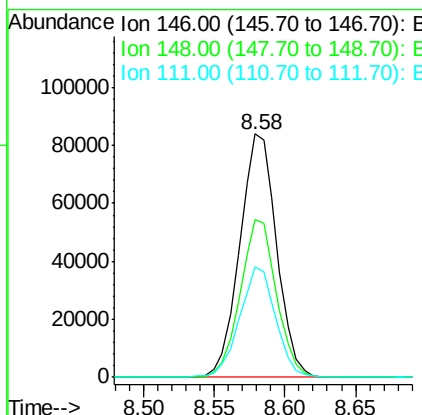
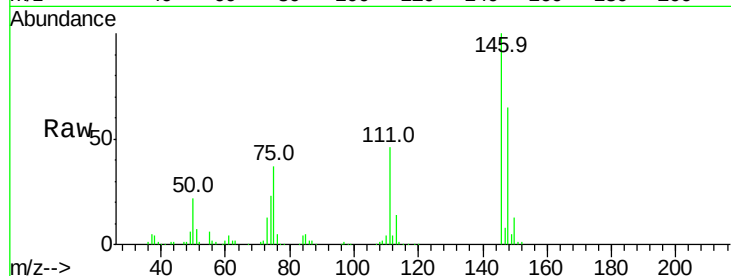




#13
 1,4-Dichlorobenzene
 Concen: 37.39 ng
 RT: 8.58 min Scan# 832
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

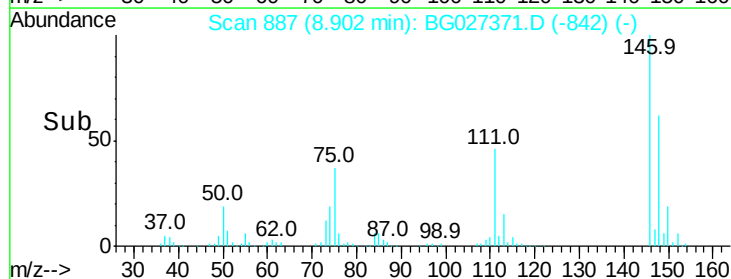
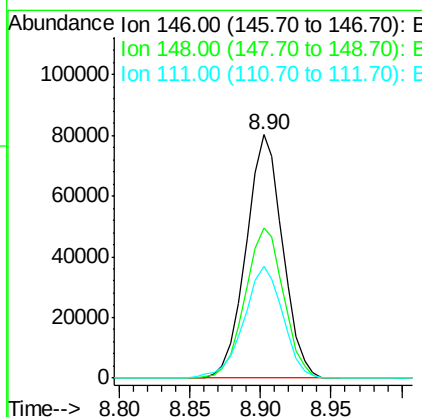
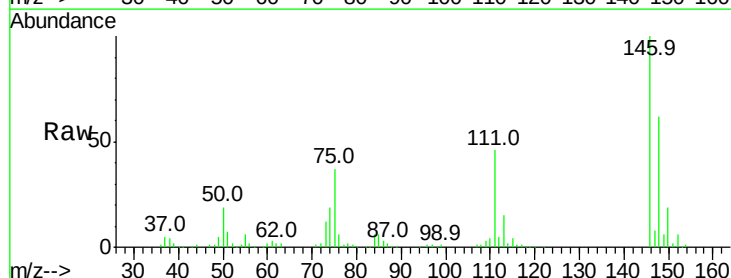
Instrument :
 BNA_G
 ClientSampleId :

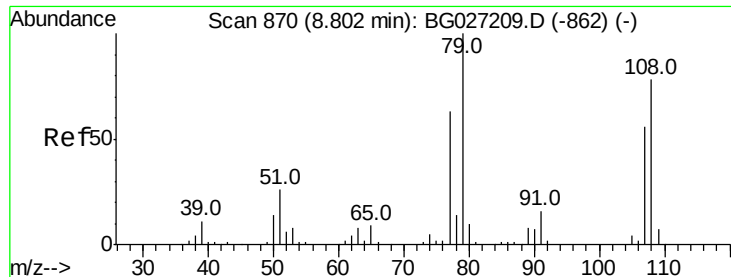
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	45.6	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 36.49 ng
 RT: 8.90 min Scan# 887
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	54.6	81.8
111	46.2	39.7	59.5





#15

Benzyl Alcohol

Concen: 41.05 ng

RT: 8.77 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampled :

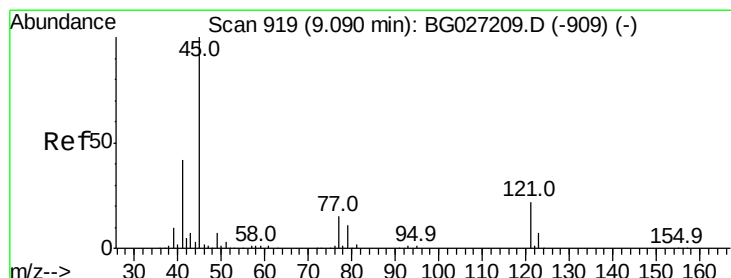
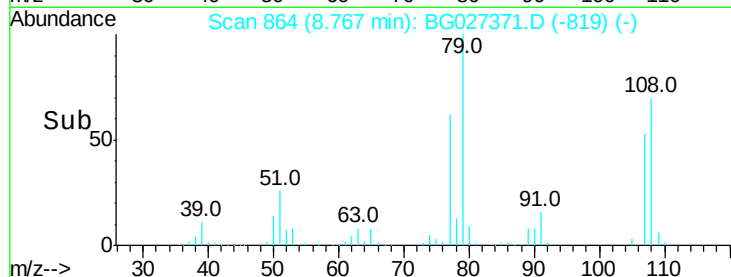
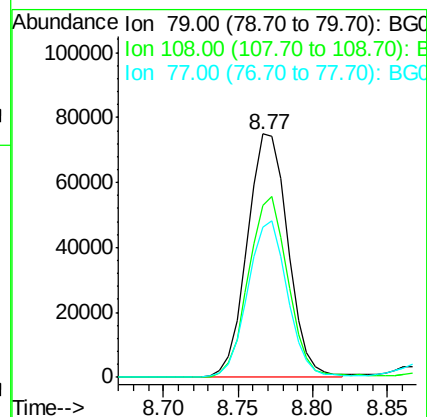
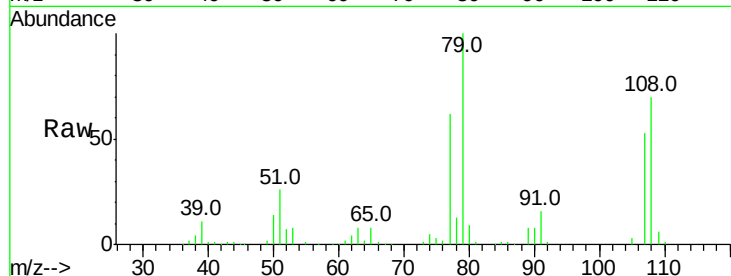
Tot Ion: 79 Resp: 141585

Ion Ratio Lower Upper

79 100

108 70.4 45.5 68.3#

77 61.8 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.06 ng

RT: 9.05 min Scan# 913

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

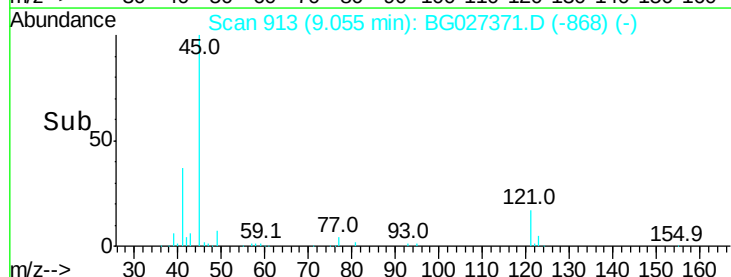
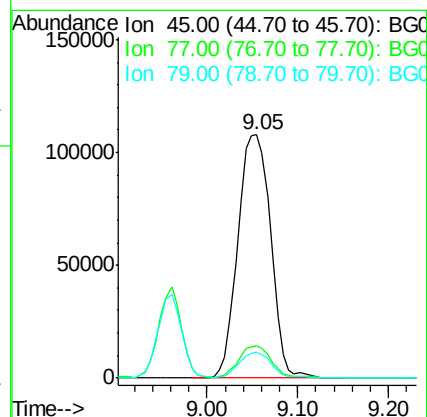
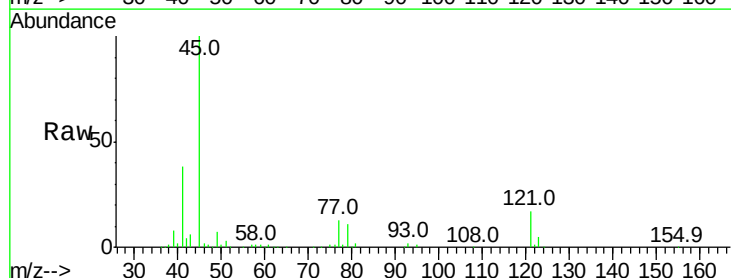
Tgt Ion: 45 Resp: 270649

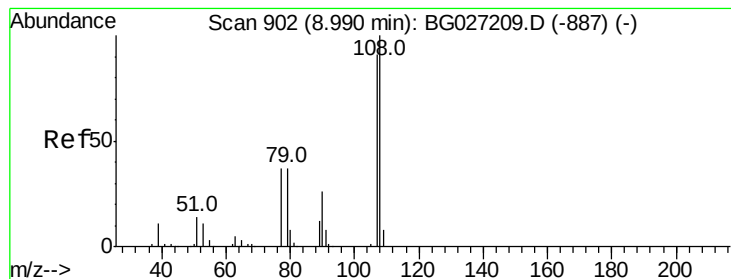
Ion Ratio Lower Upper

45 100

77 13.5 0.0 30.6

79 10.7 0.0 28.5





#17

2-Methylphenol

Concen: 41.88 ng

RT: 8.96 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 148194

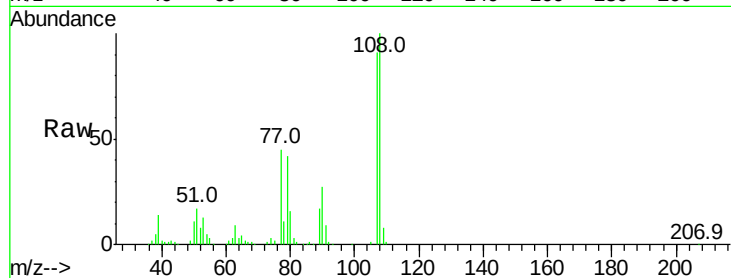
Ion Ratio Lower Upper

107 100

108 110.0 85.6 128.4

77 49.7 51.4 77.2#

79 45.9 49.2 73.8#

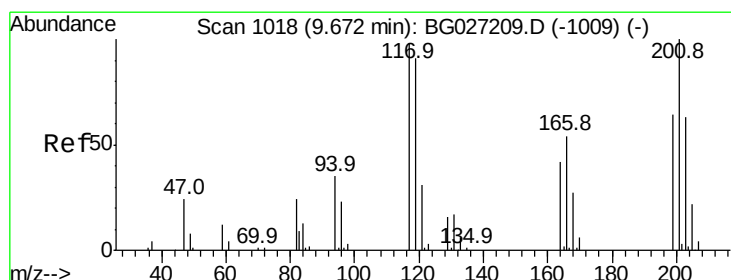
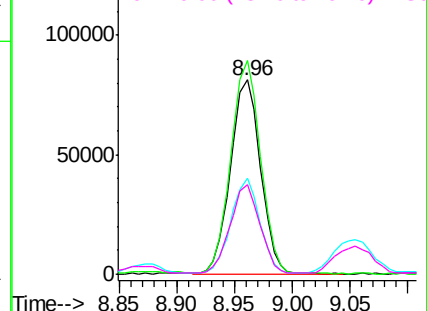
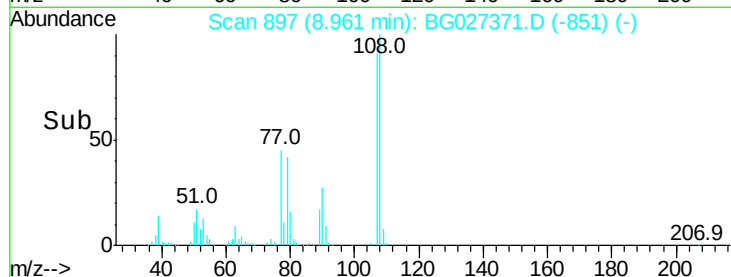


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.95 ng

RT: 9.63 min Scan# 1011

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

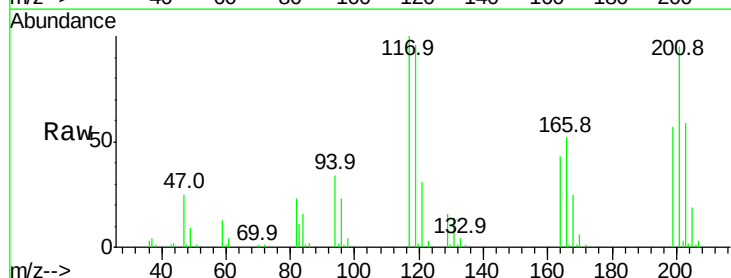
Tgt Ion:117 Resp: 54852

Ion Ratio Lower Upper

117 100

119 95.6 69.8 104.6

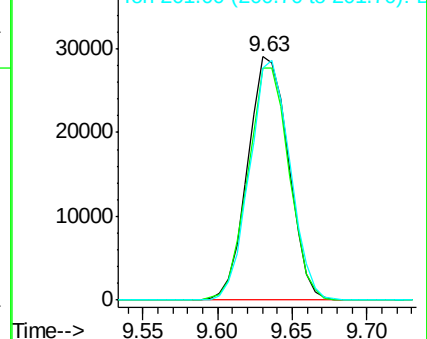
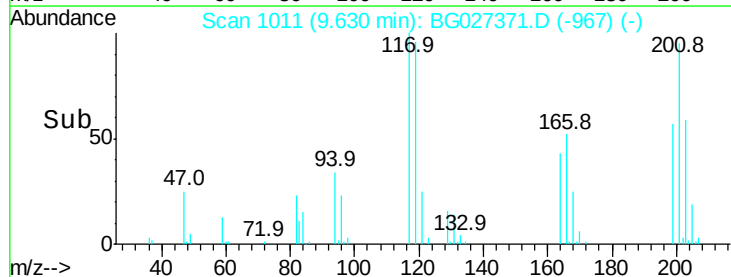
201 95.3 95.4 143.0#

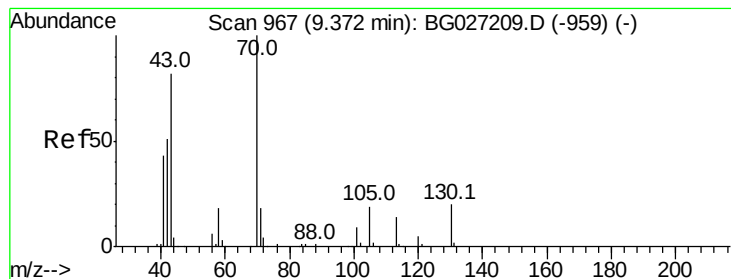


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.33 ng

RT: 9.33 min Scan# 960

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 141521

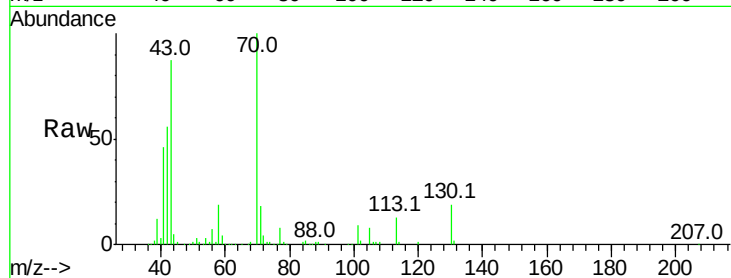
Ion Ratio Lower Upper

70 100

42 55.6 56.1 84.1#

101 8.7 7.5 11.3

130 18.7 14.6 21.8

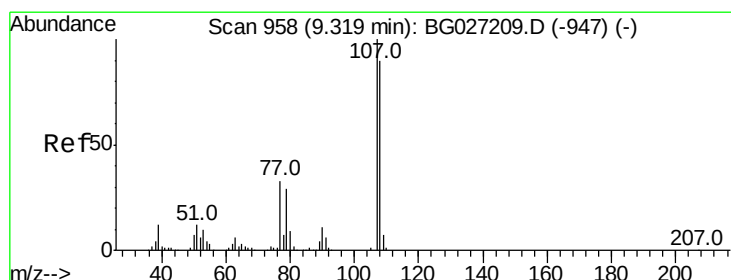
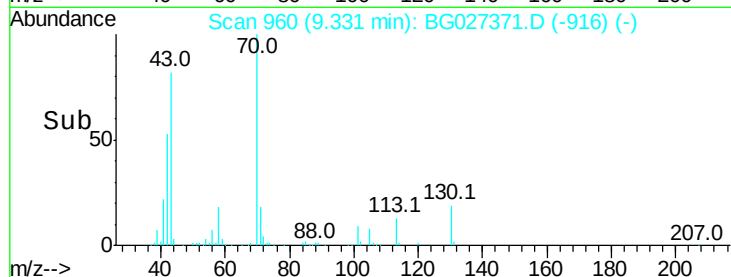
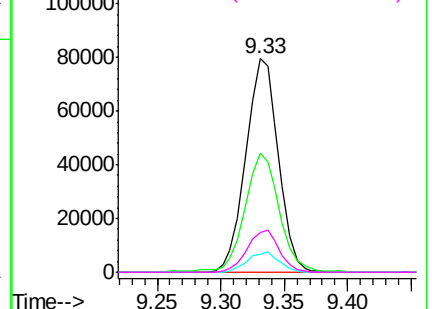


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.36 ng

RT: 9.28 min Scan# 952

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion: 107 Resp: 202728

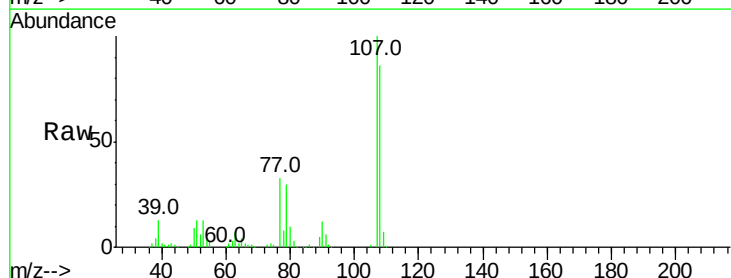
Ion Ratio Lower Upper

107 100

108 85.8 70.8 110.8

77 33.4 25.8 65.8

79 30.0 20.1 60.1

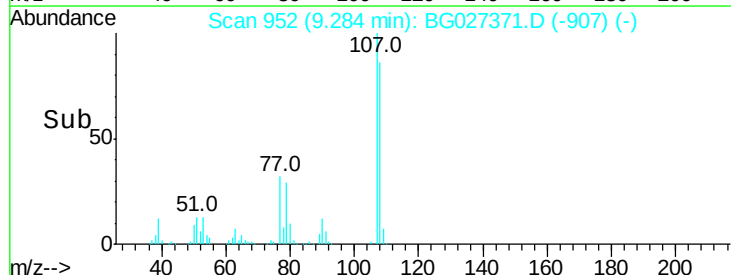
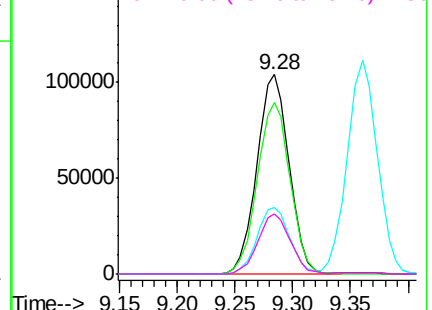


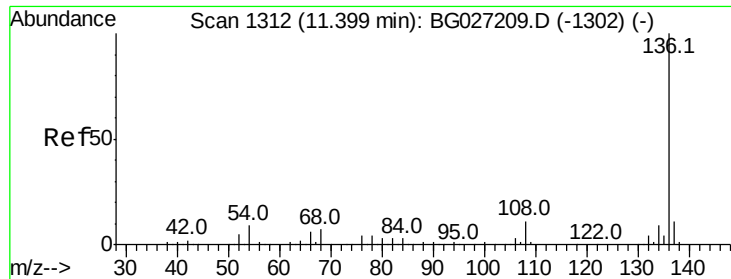
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

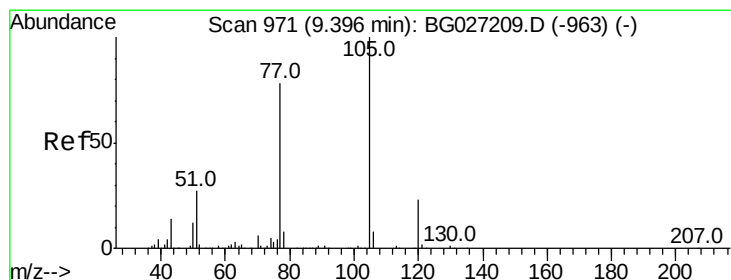
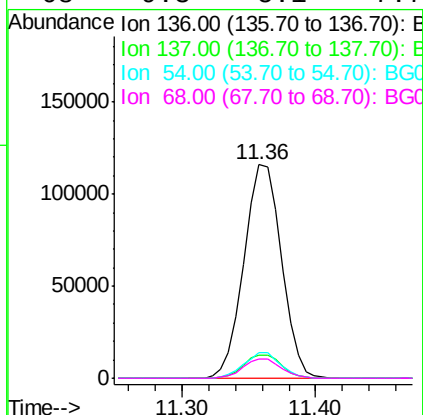
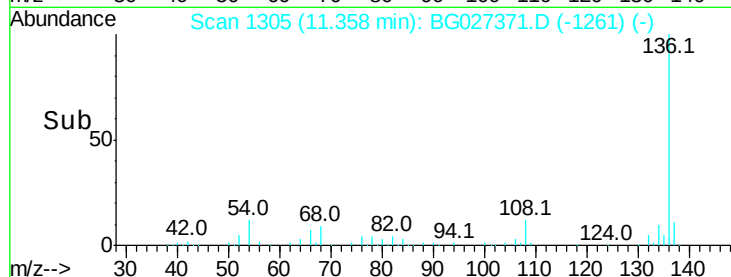
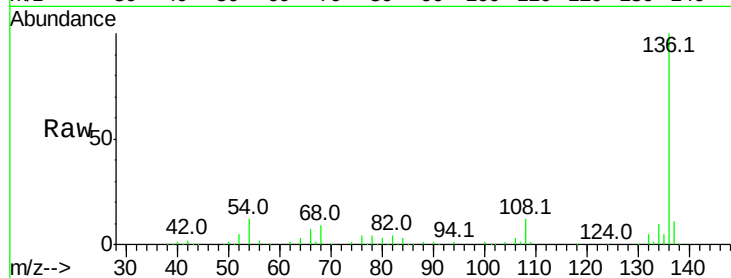




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

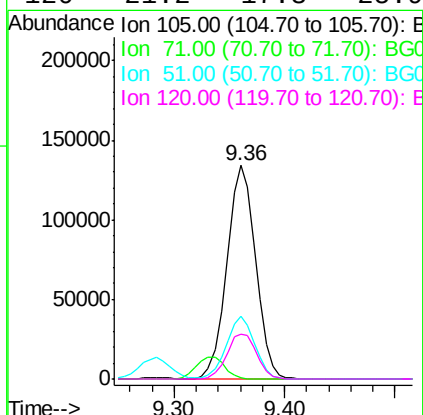
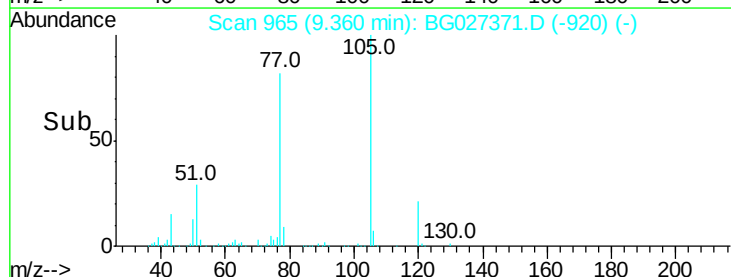
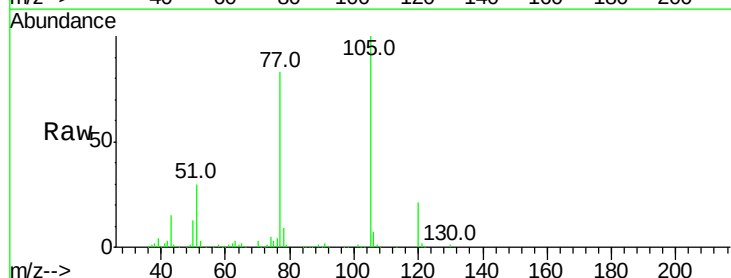
Instrument :
BNA_G
ClientSampleId :

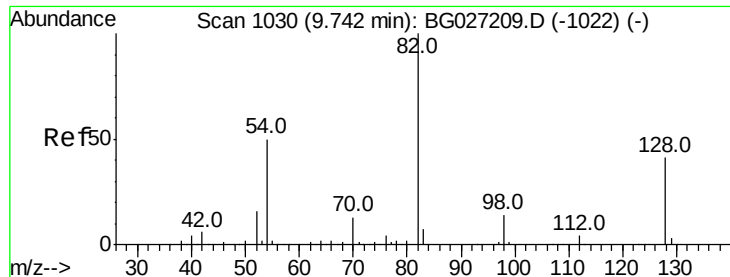
Tot Ion:136	Resp:	225639
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	11.8	9.3 13.9
68	9.3	5.1 7.7#



#22
Acetophenone
Concen: 42.34 ng
RT: 9.36 min Scan# 965
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:105	Resp:	244345
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.9 1.3#
51	29.7	34.0 51.0#
120	21.2	17.3 25.9

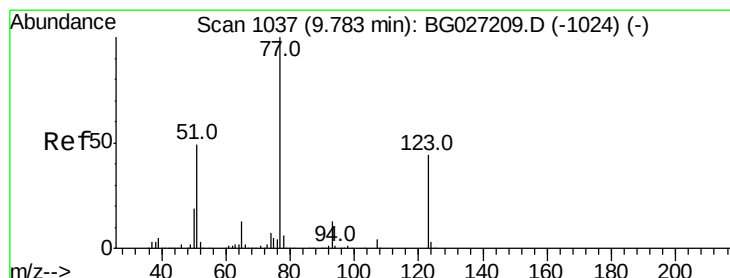
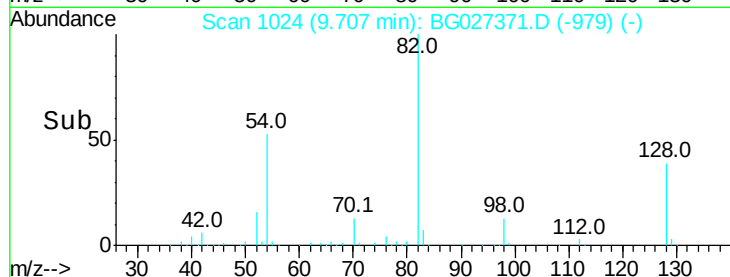
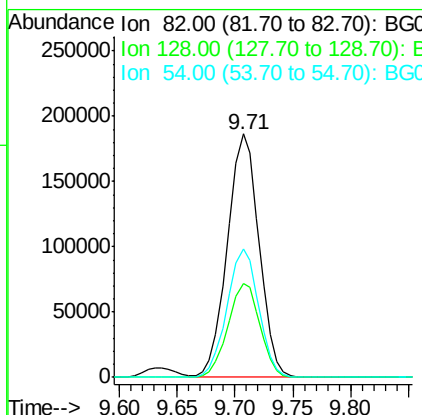
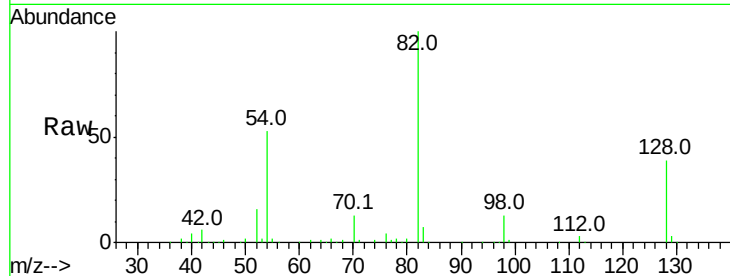




#23
 Nitrobenzene-d5
 Concen: 98.78 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

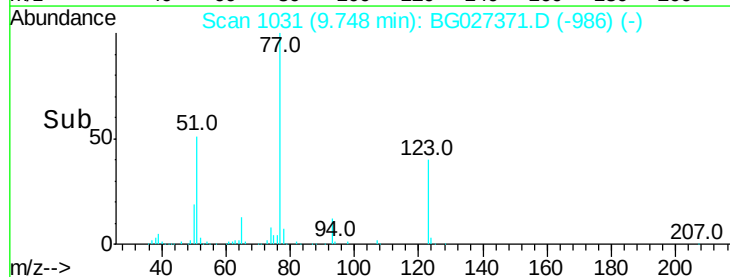
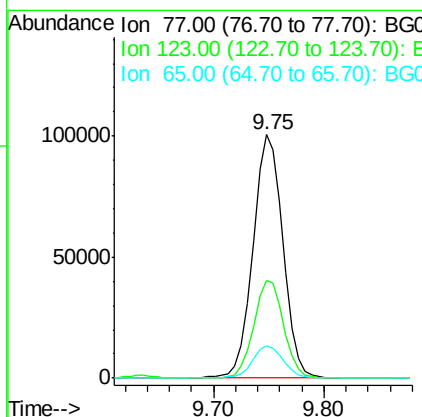
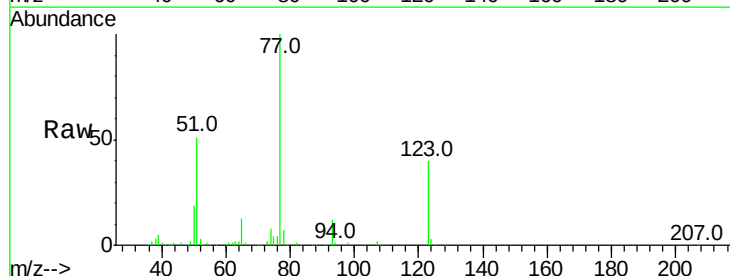
Instrument :
 BNA_G
 ClientSampled :

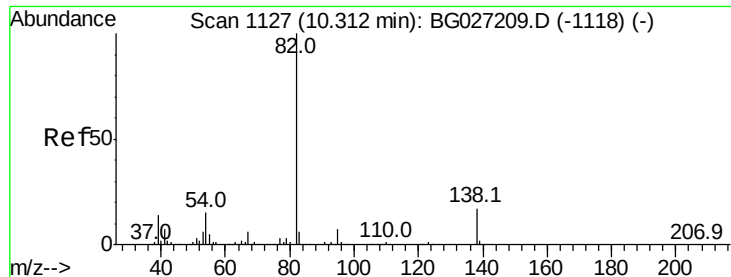
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	52.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 46.49 ng
 RT: 9.75 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	26.1	39.1#
65	13.5	12.4	18.6





#25

Isophorone

Concen: 44.95 ng

RT: 10.27 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

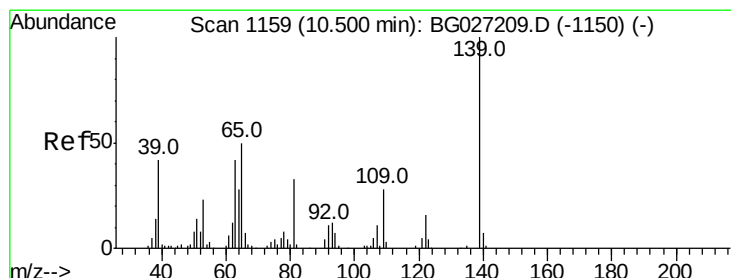
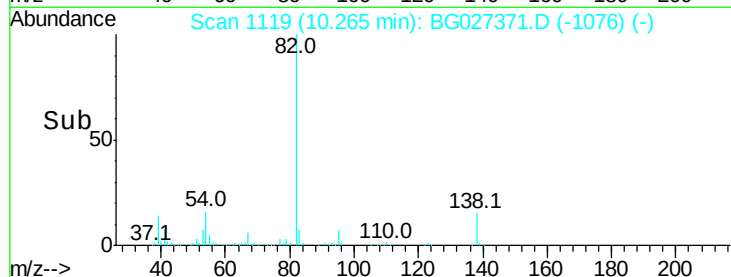
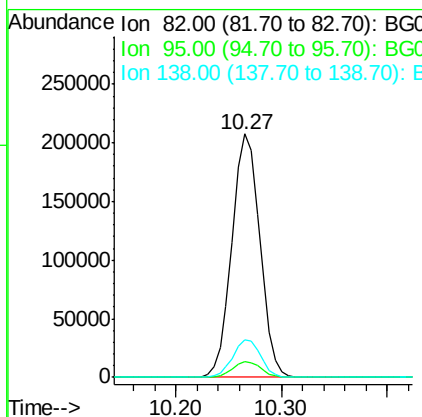
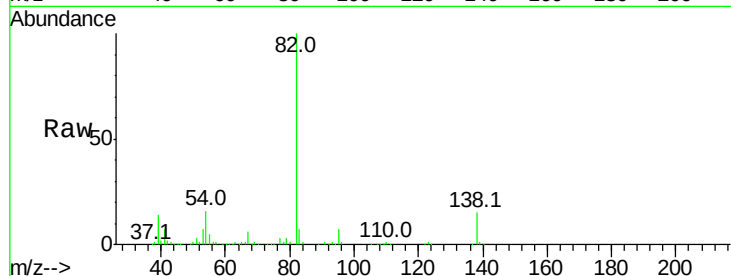
Tot Ion: 82 Resp: 379226

Ion Ratio Lower Upper

82 100

95 6.6 7.5 11.3#

138 15.5 12.3 18.5



#26

2-Nitrophenol

Concen: 44.69 ng

RT: 10.46 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

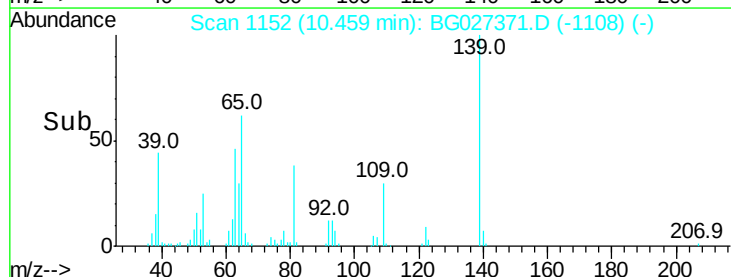
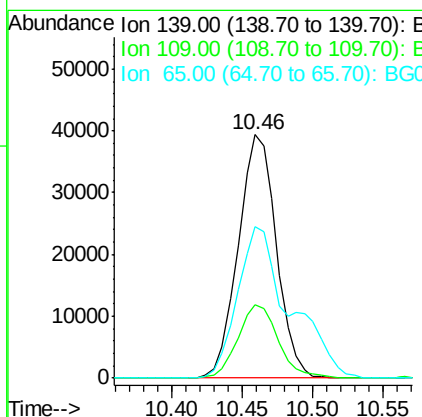
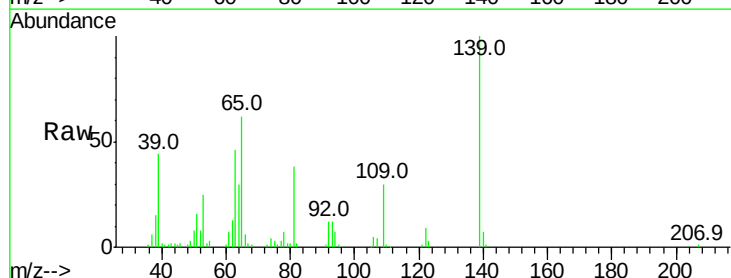
Tgt Ion: 139 Resp: 74325

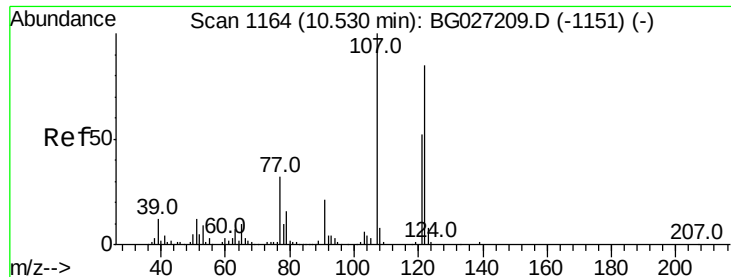
Ion Ratio Lower Upper

139 100

109 29.9 38.6 58.0#

65 62.1 57.1 85.7

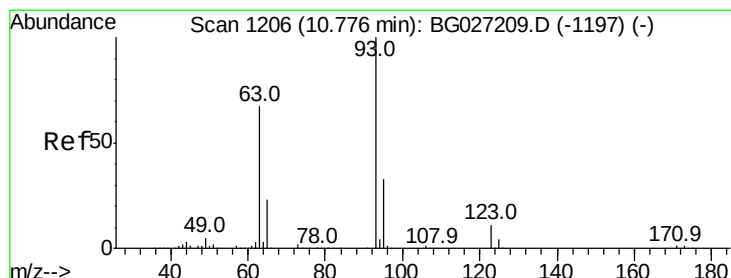
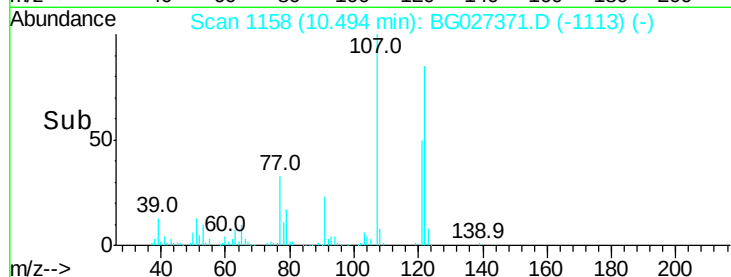
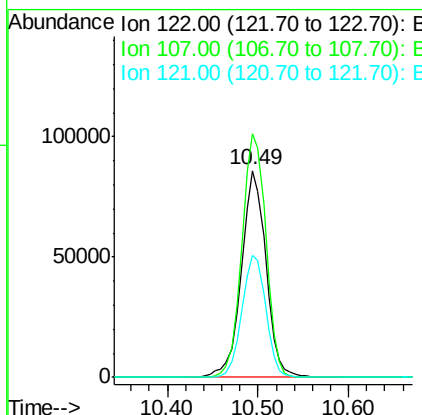
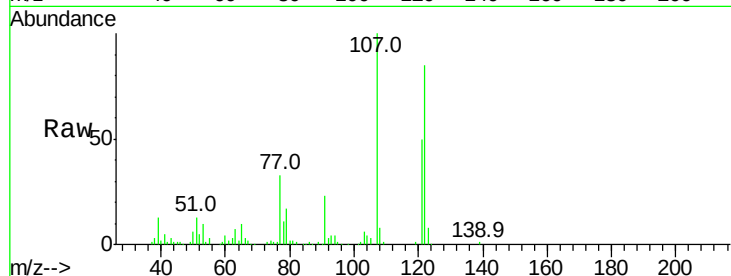




#27
 2,4-Dimethylphenol
 Concen: 44.66 ng
 RT: 10.49 min Scan# 1158
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

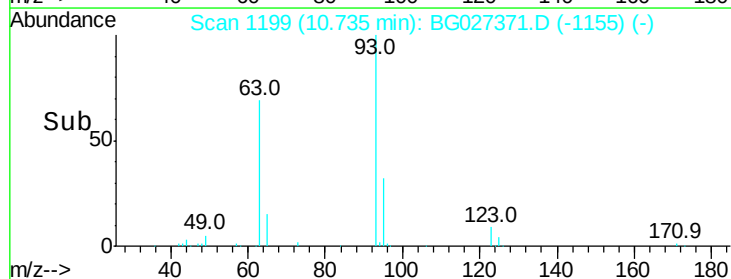
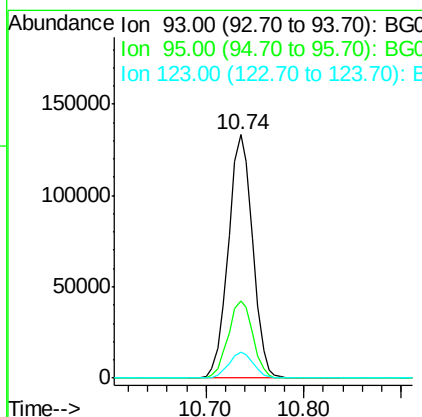
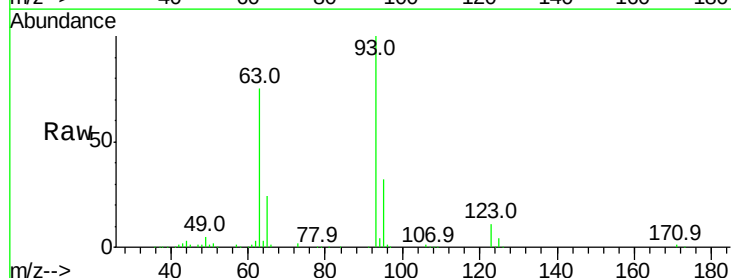
Instrument :
 BNA_G
 ClientSampled :

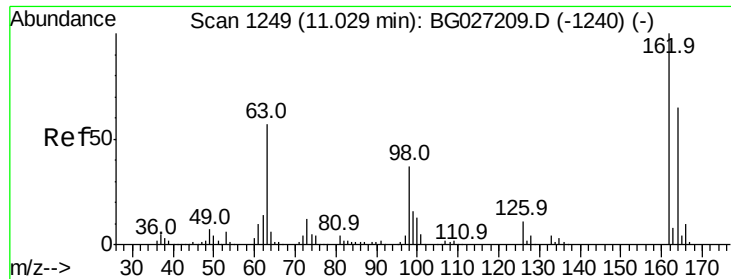
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	104.2	156.4
121	59.3	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.03 ng
 RT: 10.74 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.7	38.5
123	10.7	8.3	12.5

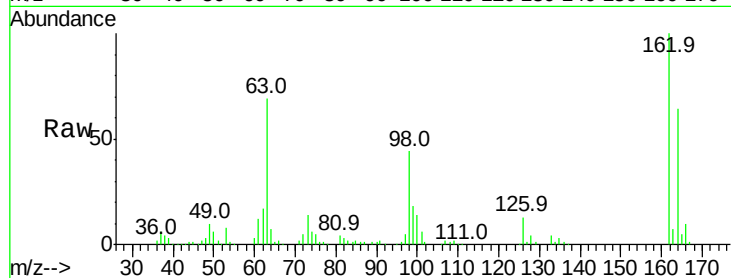




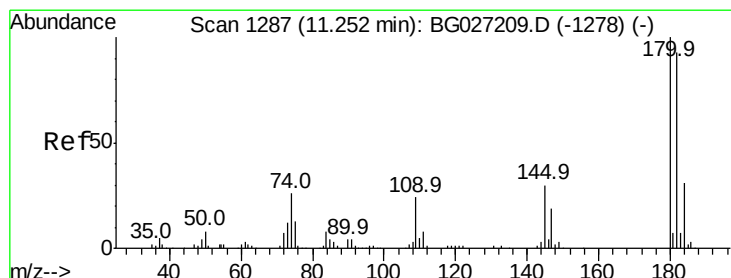
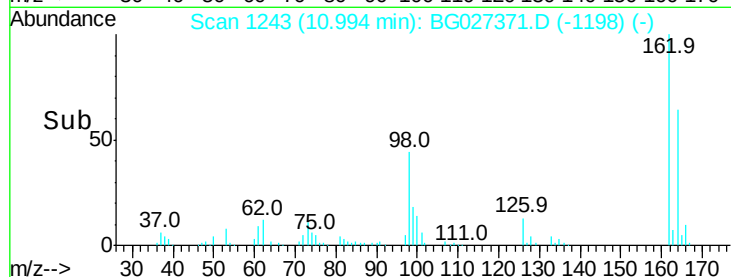
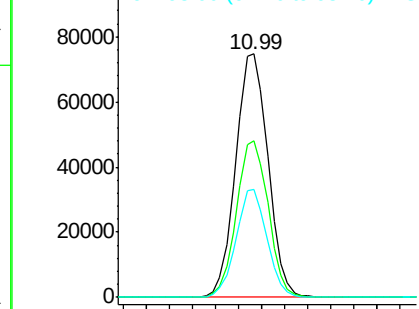
#29
 2,4-Dichlorophenol
 Concen: 43.77 ng
 RT: 10.99 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.4	82.4
98	44.3	20.3	60.3

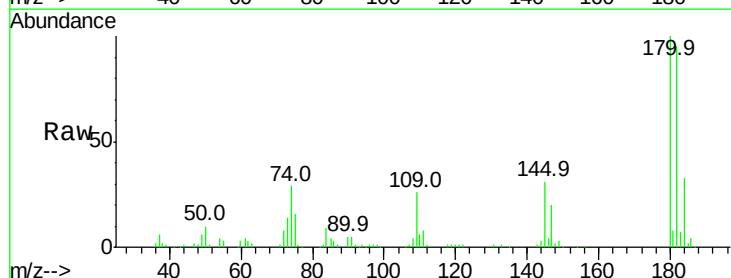


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

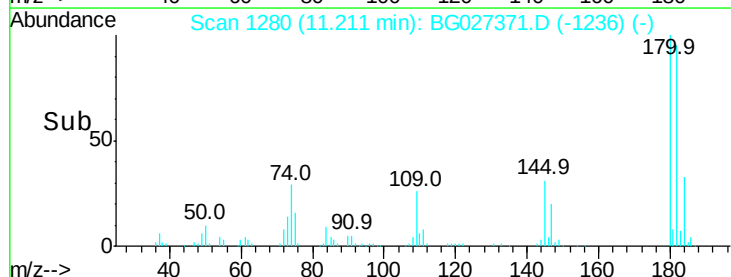
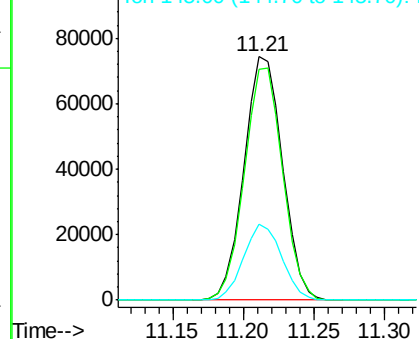


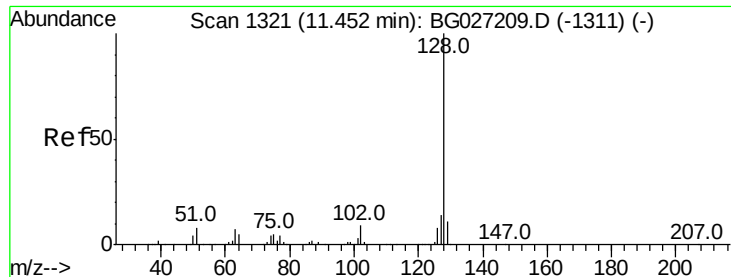
#30
 1,2,4-Trichlorobenzene
 Concen: 38.82 ng
 RT: 11.21 min Scan# 1280
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	30.9	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

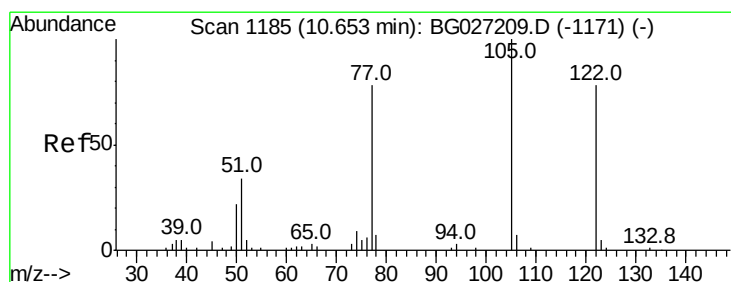
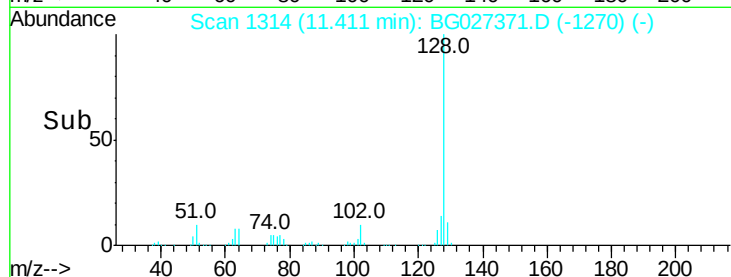
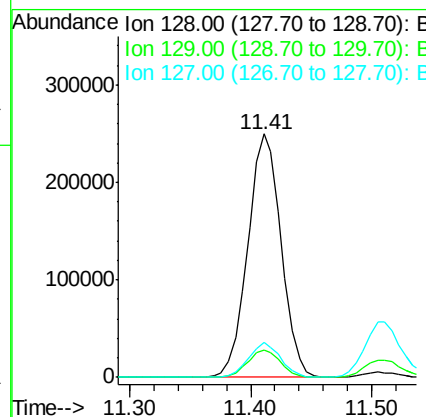
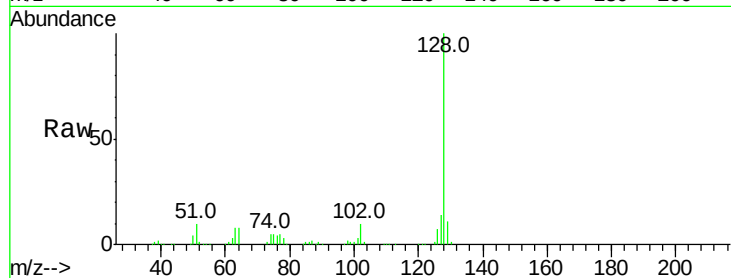




#31
Naphthalene
Concen: 38.77 ng
RT: 11.41 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

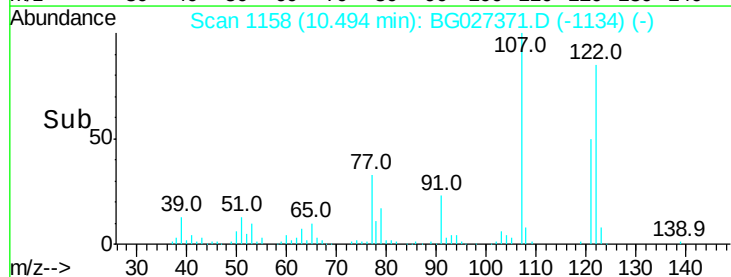
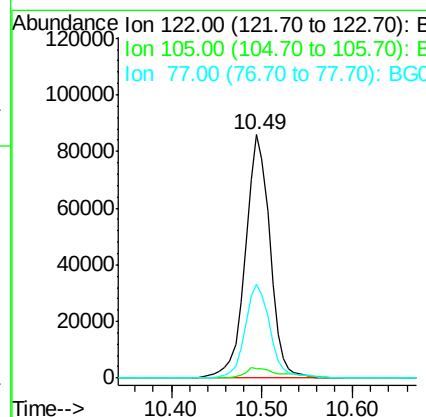
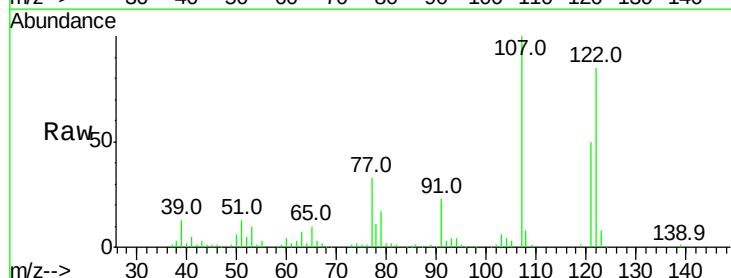
Instrument :
BNA_G
ClientSampleId :

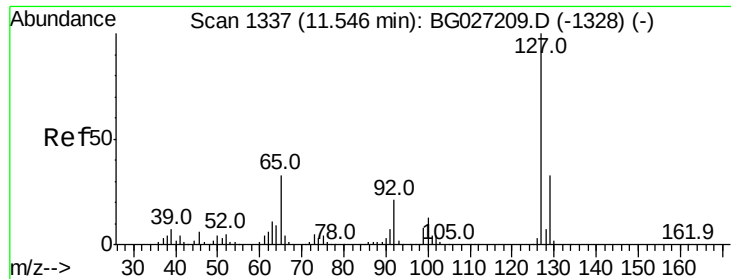
Tot Ion:128 Resp: 478075
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 61.79 ng
RT: 10.49 min Scan# 1158
Delta R.T. -0.16 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:122 Resp: 161985
Ion Ratio Lower Upper
122 100
105 4.1 120.1 160.1#
77 38.6 104.6 144.6#

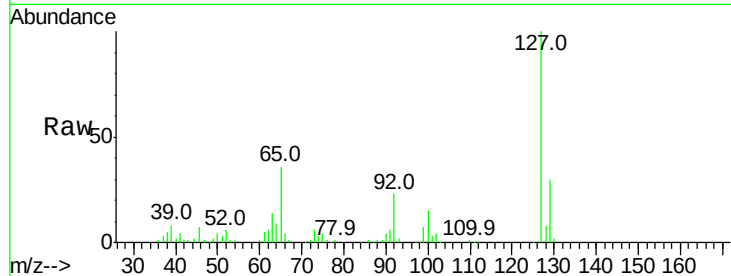




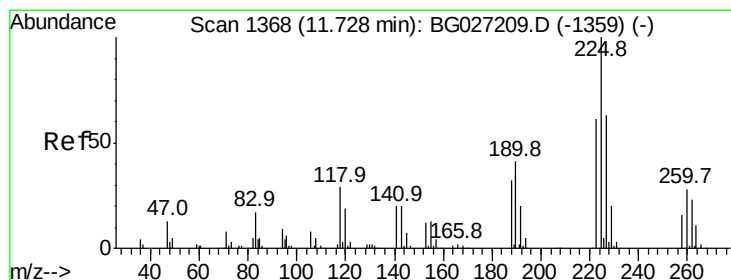
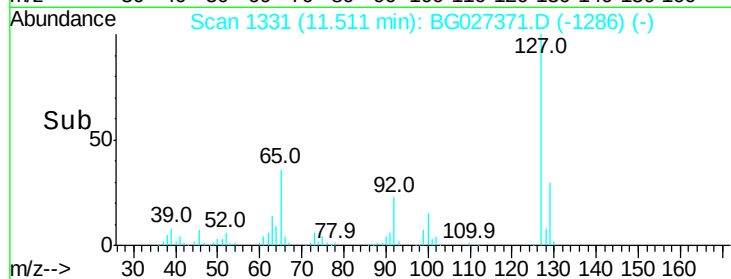
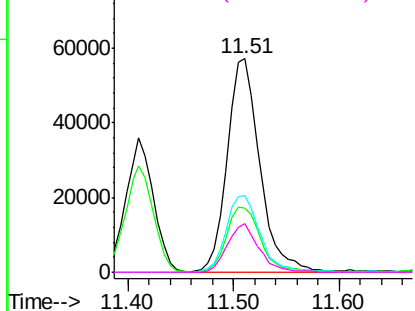
#33
4-Chloroaniline
Concen: 23.81 ng
RT: 11.51 min Scan# 1331
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	122366
Ion	Ratio	Lower	Upper
127	100		
129	30.0	23.6	35.4
65	36.0	37.7	56.5#
92	22.7	17.6	26.4

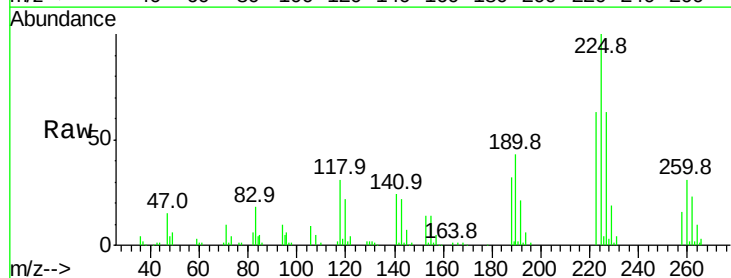


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

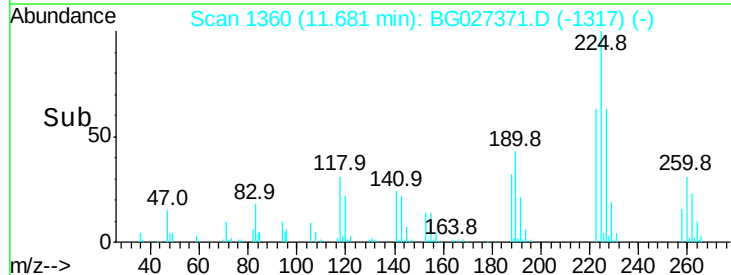
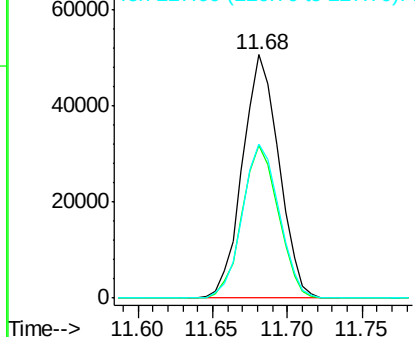


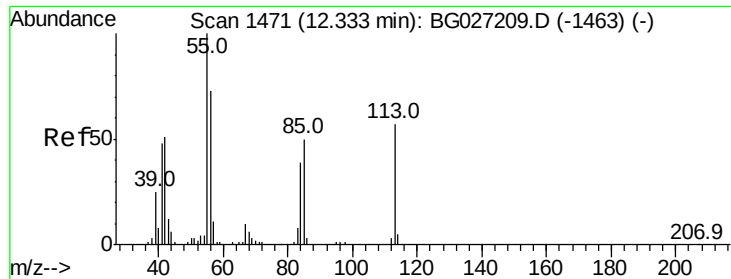
#34
Hexachlorobutadiene
Concen: 37.97 ng
RT: 11.68 min Scan# 1360
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:	225	Resp:	85574
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.4	49.0	73.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.17 ng

RT: 12.27 min Scan# 1461

Delta R.T. -0.06 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

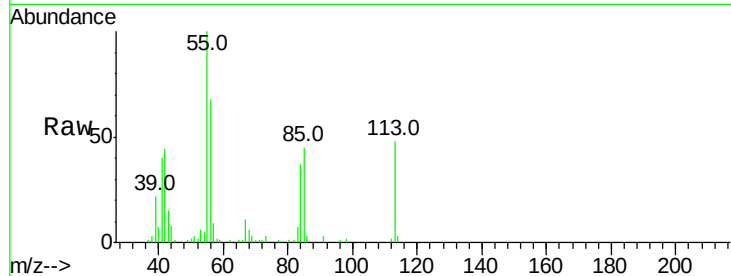
Tot Ion:113 Resp: 30854

Ion Ratio Lower Upper

113 100

55 210.2 198.6 238.6

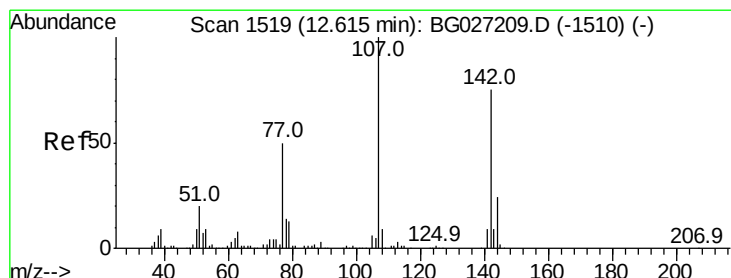
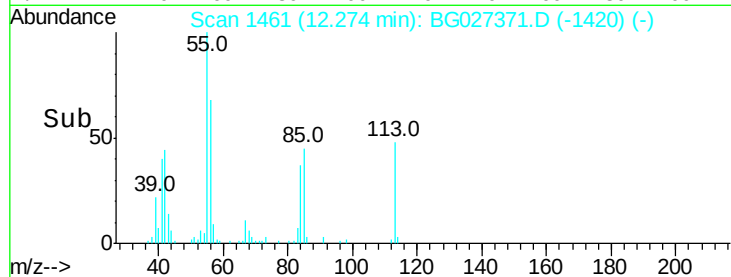
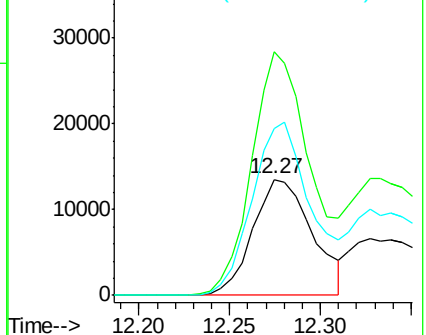
56 144.0 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.00 ng

RT: 12.58 min Scan# 1513

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

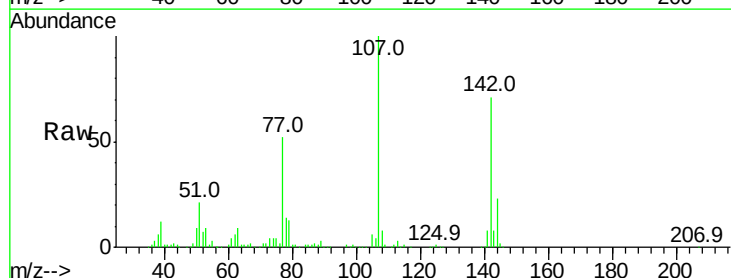
Tgt Ion:107 Resp: 190901

Ion Ratio Lower Upper

107 100

144 23.1 17.4 26.0

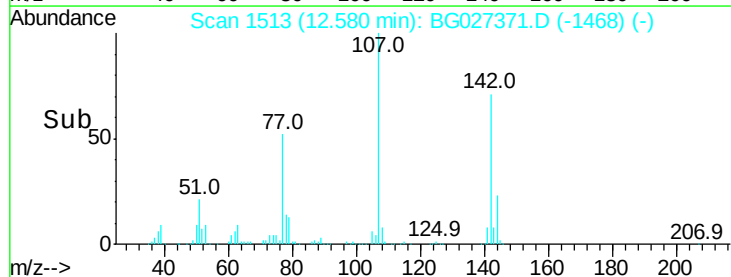
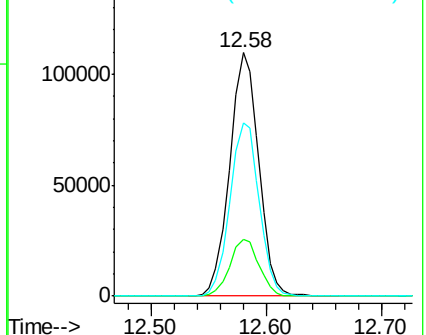
142 71.4 54.1 81.1

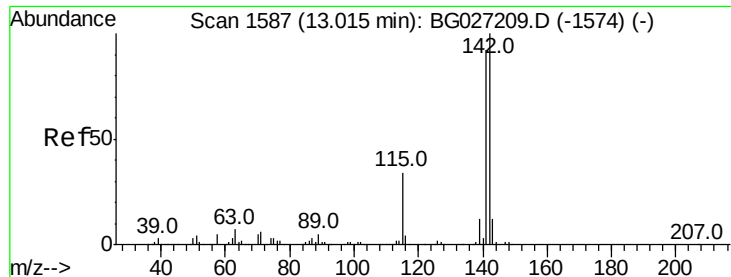


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

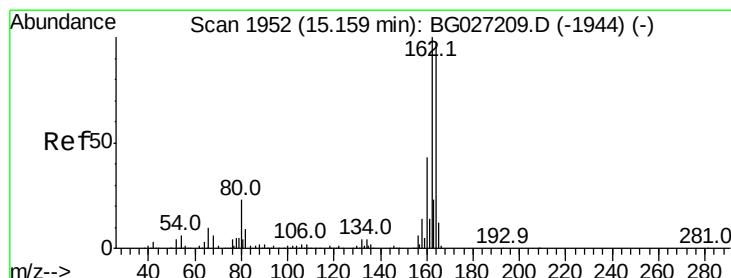
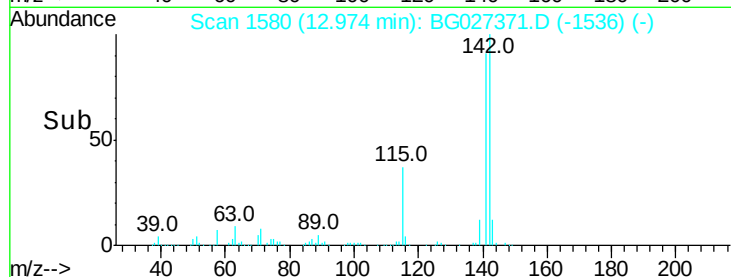
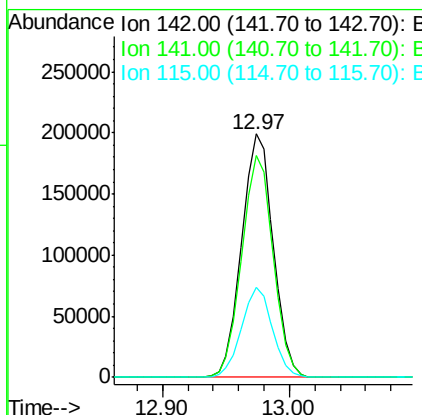
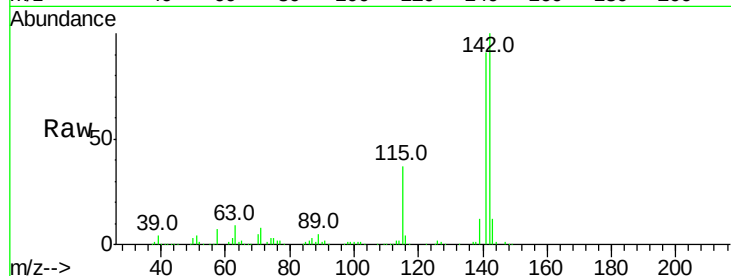




#37
2-Methylnaphthalene
Concen: 38.20 ng
RT: 12.97 min Scan# 1580
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

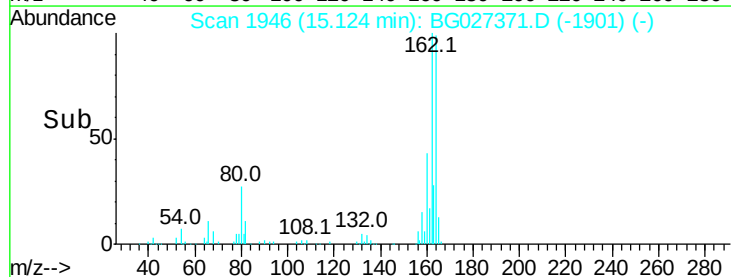
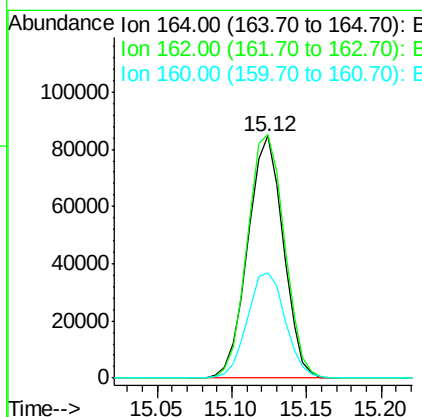
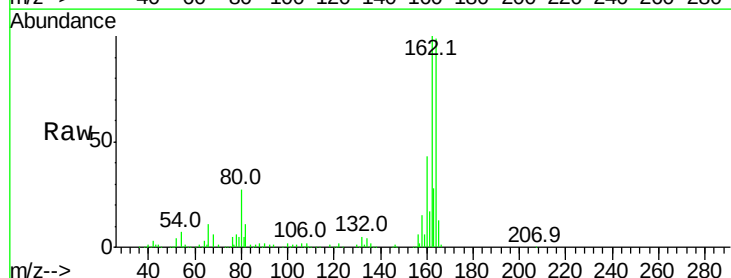
Instrument :
BNA_G
ClientSampleId :

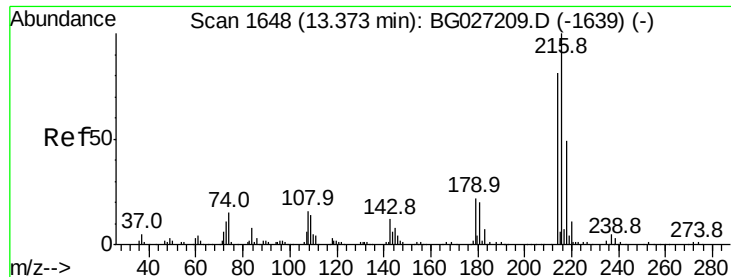
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6
115	37.0	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.1	127.7
160	43.5	34.7	52.1

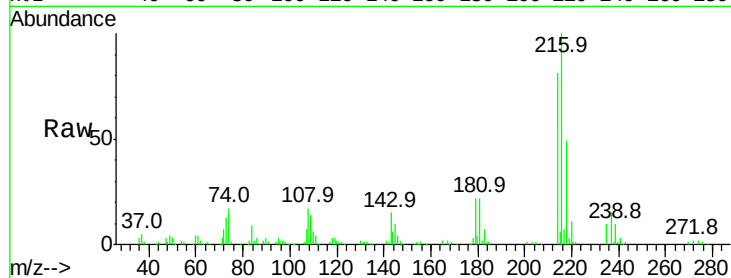




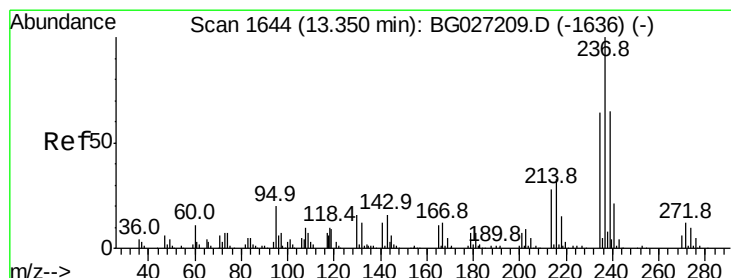
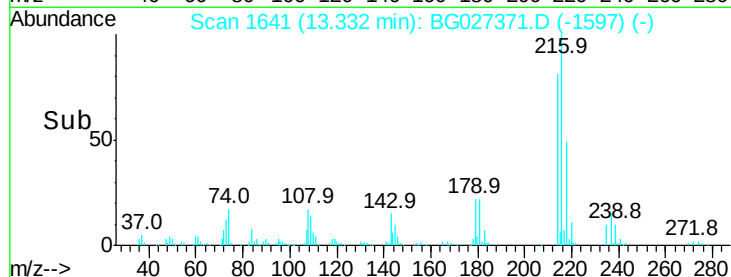
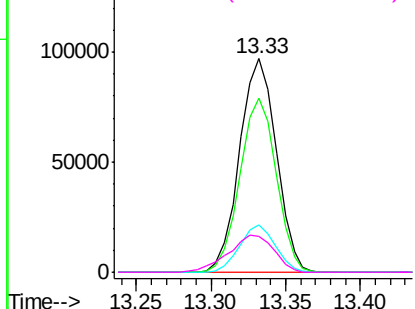
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.35 ng
 RT: 13.33 min Scan# 1641
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	165506
Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.4	96.6
179	21.6	17.4	26.0
108	21.6	15.6	23.4

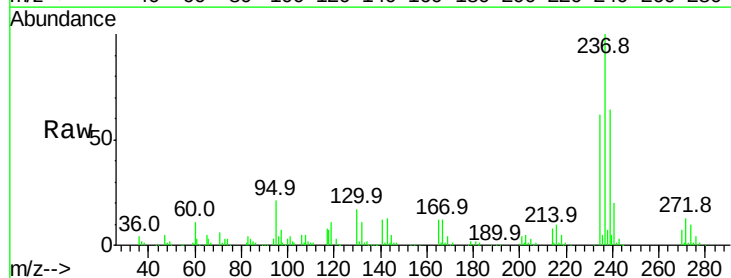


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

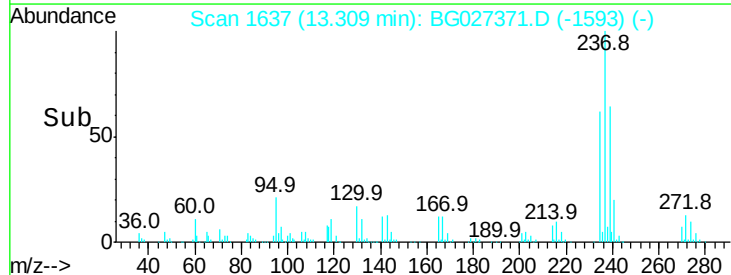
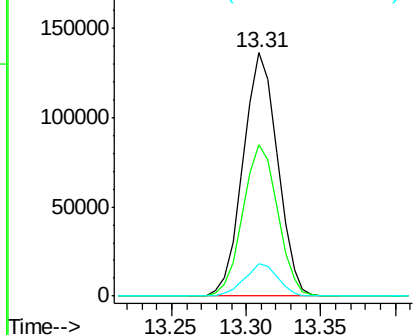


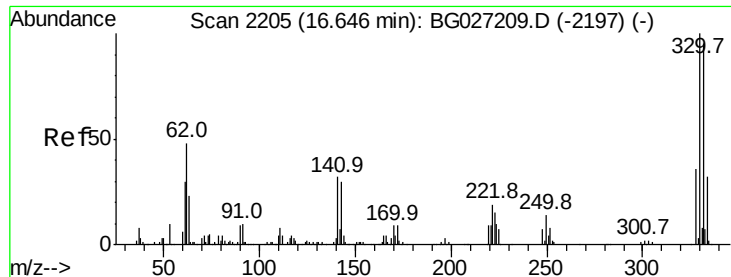
#40
 Hexachlorocyclopentadiene
 Concen: 94.78 ng
 RT: 13.31 min Scan# 1637
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:	237	Resp:	217707
Ion	Ratio	Lower	Upper
237	100		
235	62.1	39.4	79.4
272	13.3	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: 145.54 ng

RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

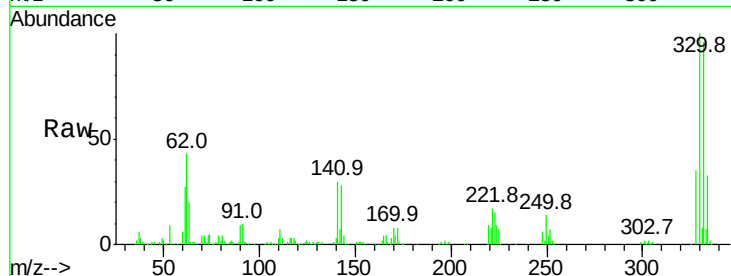
Tot Ion:330 Resp: 265502

Ion Ratio Lower Upper

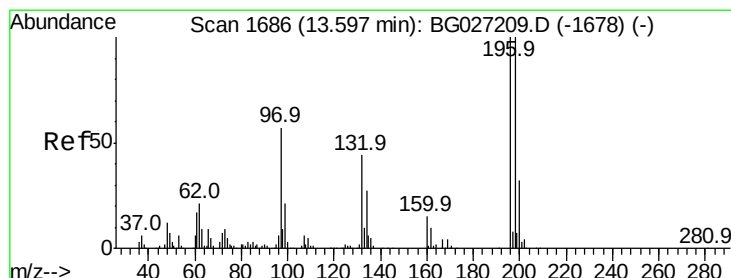
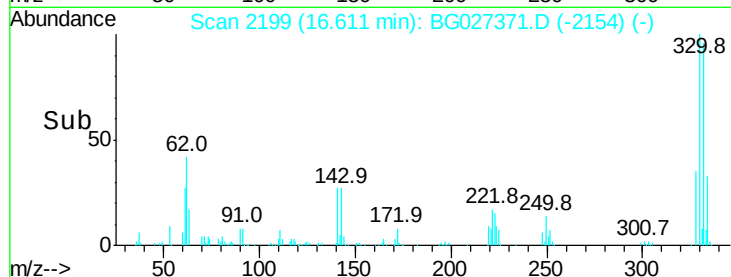
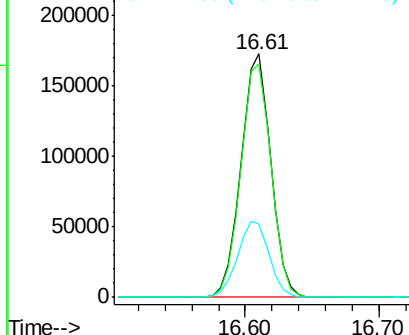
330 100

332 97.5 77.3 115.9

141 33.0 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: 45.56 ng

RT: 13.56 min Scan# 1680

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

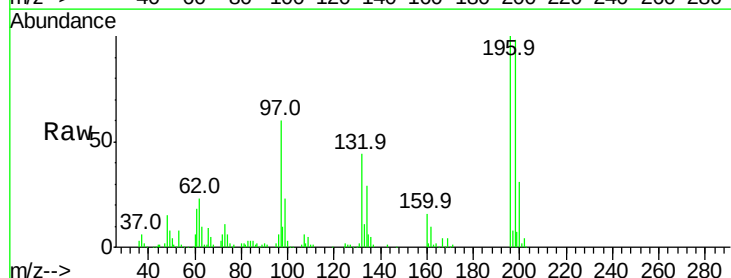
Tgt Ion:196 Resp: 119253

Ion Ratio Lower Upper

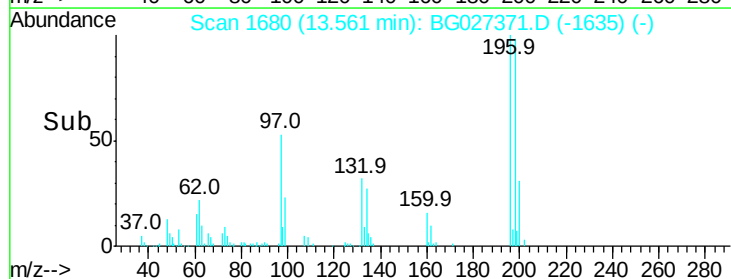
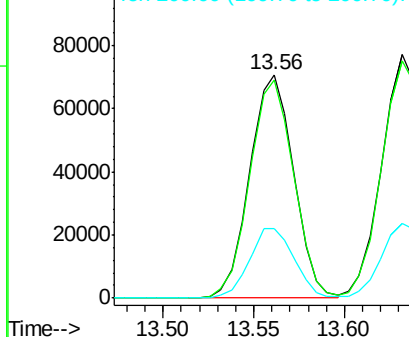
196 100

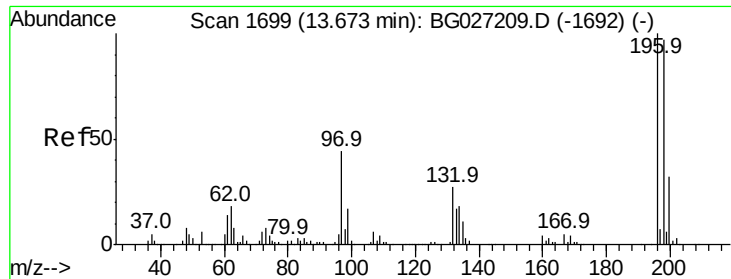
198 97.9 81.4 122.2

200 31.1 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

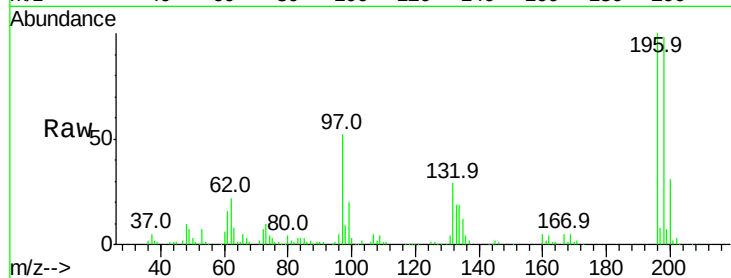




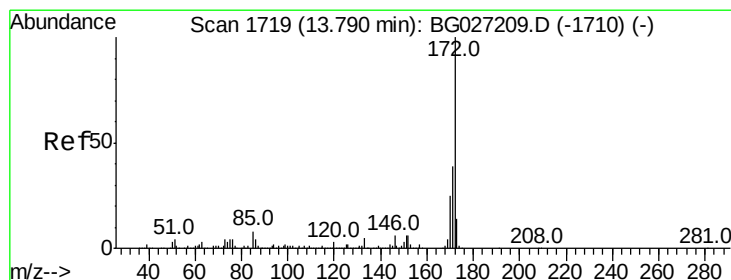
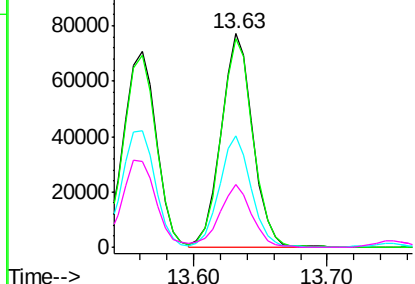
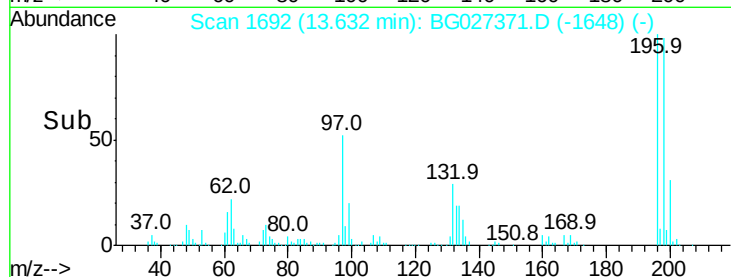
#43
 2,4,5-Trichlorophenol
 Concen: 43.46 ng
 RT: 13.63 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 127309
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.9 119.9
 97 52.1 45.4 68.0
 132 29.3 20.7 31.1

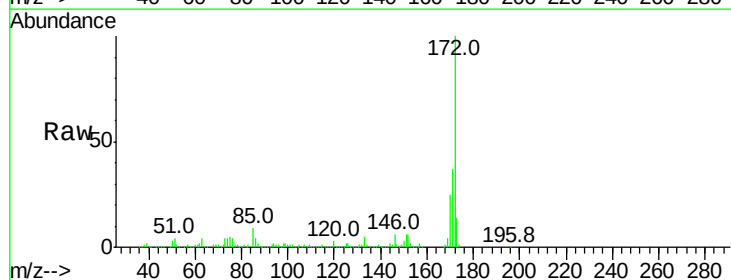


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

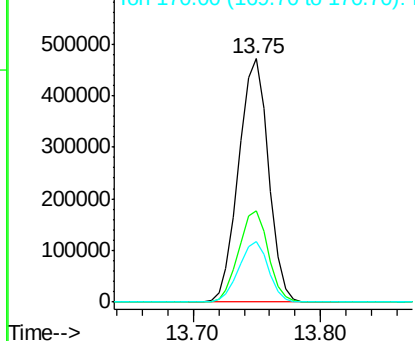
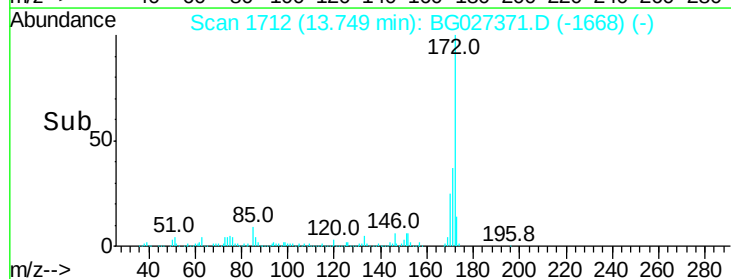


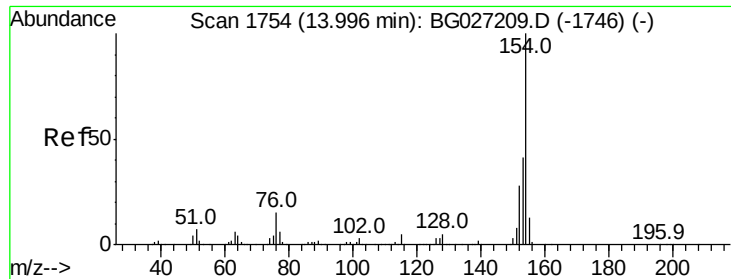
#44
 2-Fluorobiphenyl
 Concen: 77.72 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:172 Resp: 769642
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.57 ng

RT: 13.95 min Scan# 1747

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

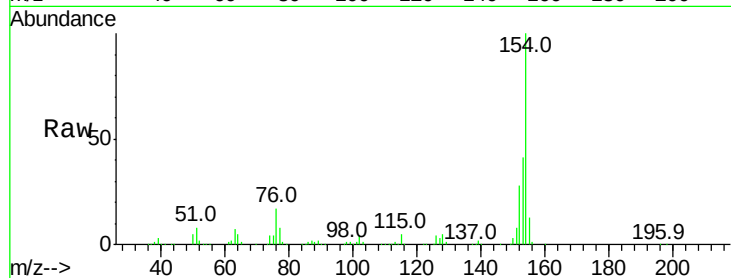
Tot Ion:154 Resp: 447505

Ion Ratio Lower Upper

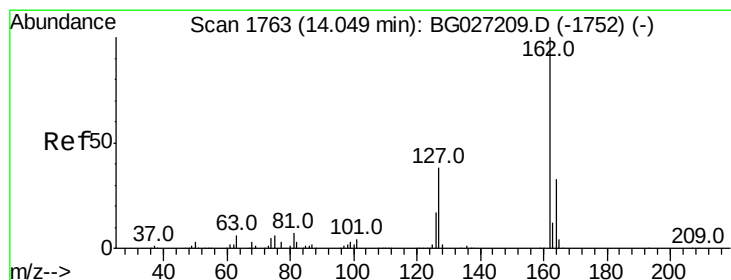
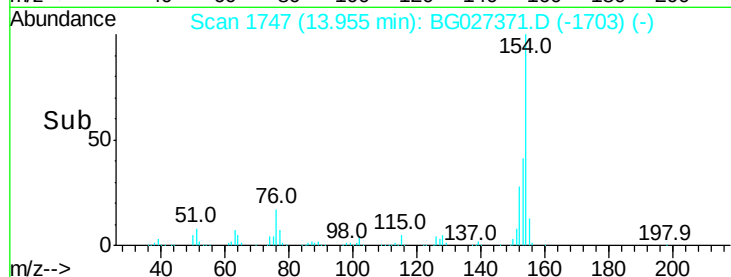
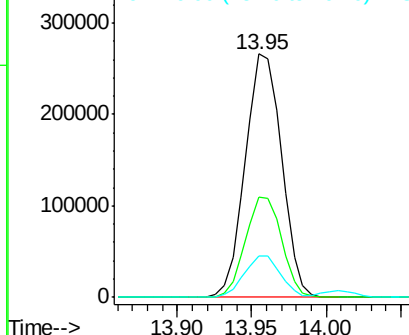
154 100

153 41.1 23.0 63.0

76 17.2 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 40.60 ng

RT: 14.01 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

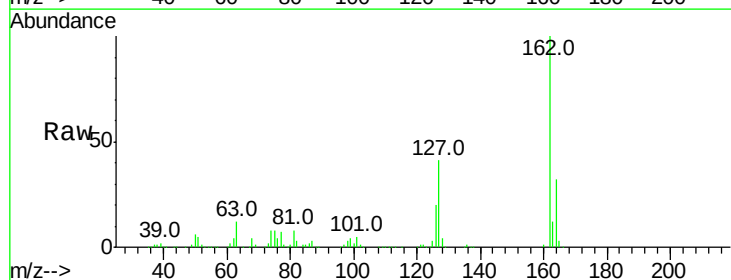
Tgt Ion:162 Resp: 344180

Ion Ratio Lower Upper

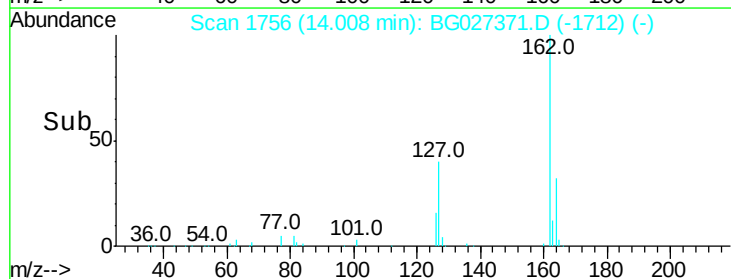
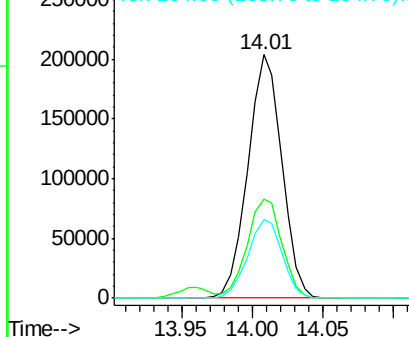
162 100

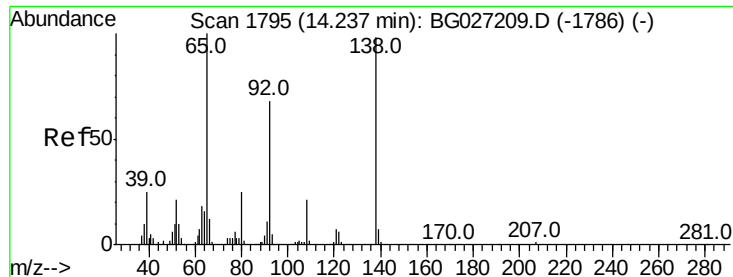
127 40.9 32.2 48.4

164 32.1 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.43 ng

RT: 14.20 min Scan# 1789

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

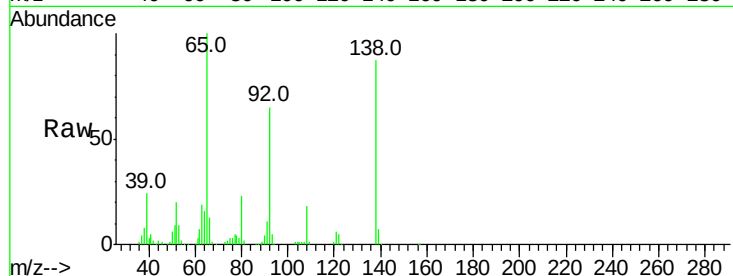
Tot Ion: 65 Resp: 128182

Ion	Ratio	Lower	Upper
65	100		
92	65.3	49.0	73.4
138	87.4	58.6	87.8

65 100

92 65.3 49.0 73.4

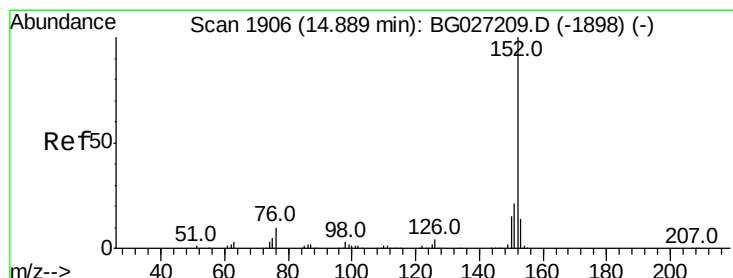
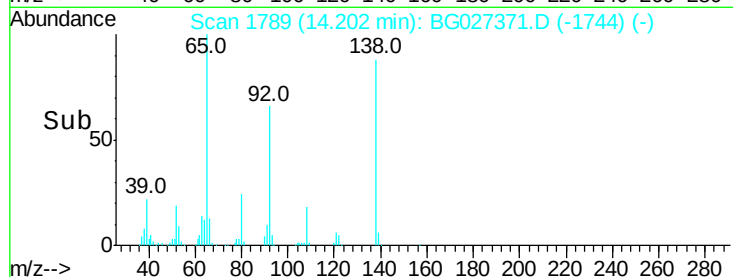
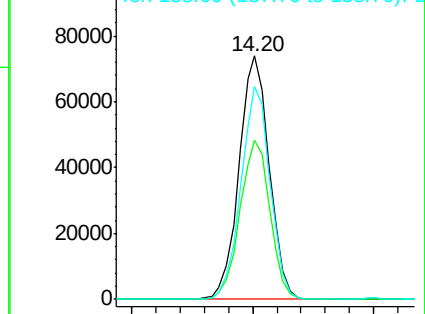
138 87.4 58.6 87.8



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 38.69 ng

RT: 14.85 min Scan# 1899

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

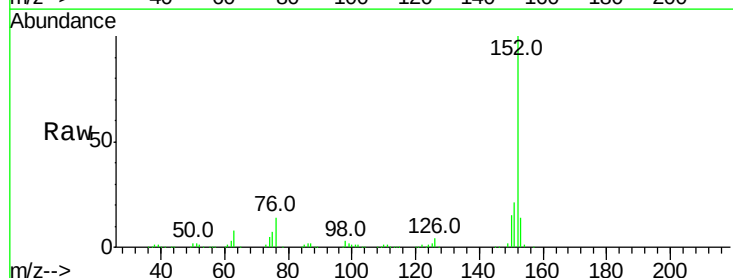
Tgt Ion: 152 Resp: 555120

Ion	Ratio	Lower	Upper
152	100		
151	21.1	18.2	27.2
153	13.5	11.3	16.9

152 100

151 21.1 18.2 27.2

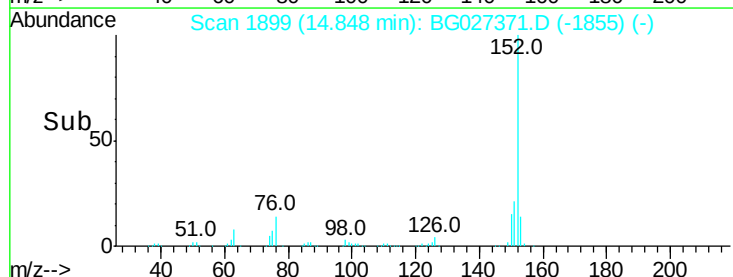
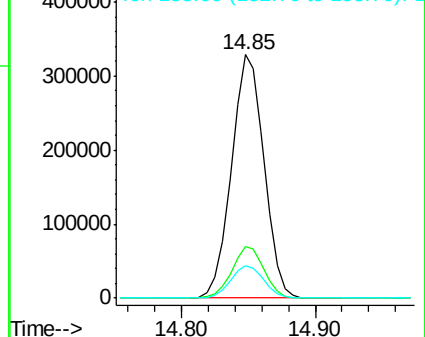
153 13.5 11.3 16.9

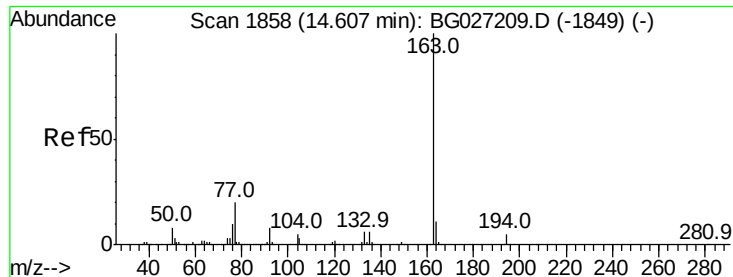


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 54.66 ng

RT: 14.56 min Scan# 1850

Delta R.T. -0.05 min

Lab File: BG027371.D

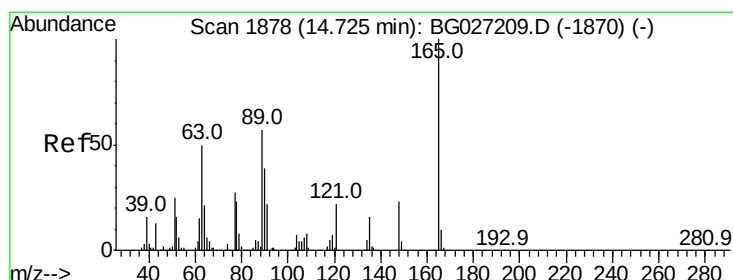
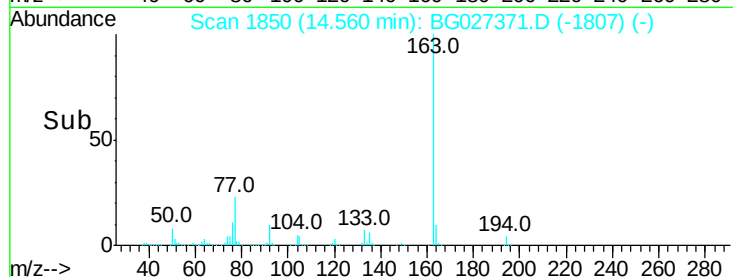
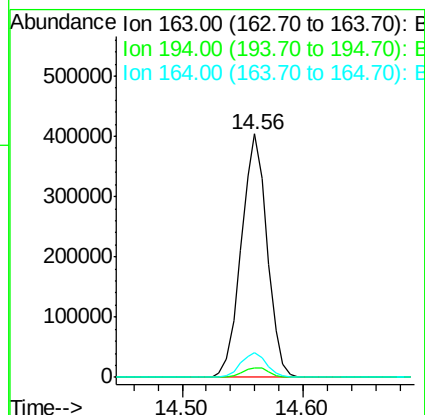
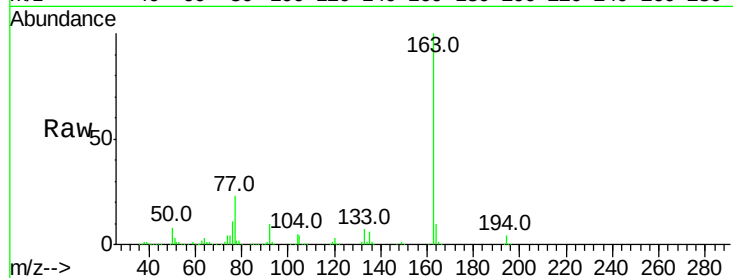
Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	600727
Ion	Ratio	Lower Upper
163	100	
194	4.1	3.8 5.6
164	10.3	9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 42.46 ng

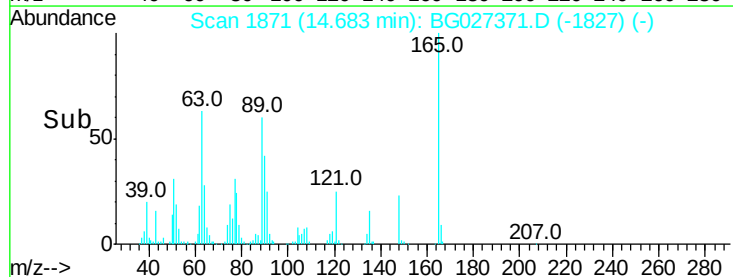
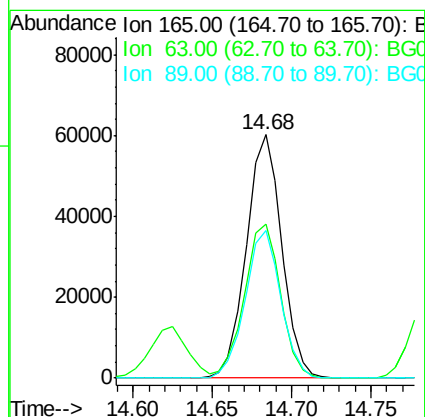
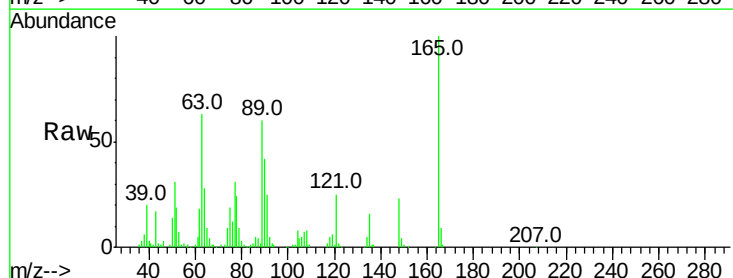
RT: 14.68 min Scan# 1871

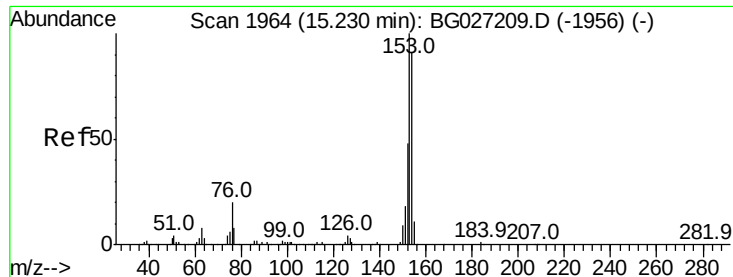
Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Tgt Ion:165	Resp:	93170
Ion	Ratio	Lower Upper
165	100	
63	63.4	63.9 95.9#
89	60.5	58.6 88.0





#51

Acenaphthene

Concen: 39.51 ng

RT: 15.19 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

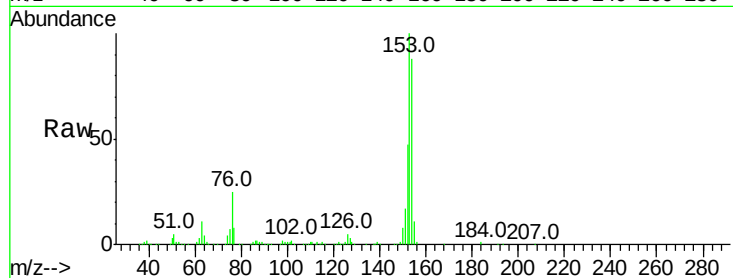
Tot Ion:154 Resp: 368729

Ion Ratio Lower Upper

154 100

153 113.4 87.8 131.6

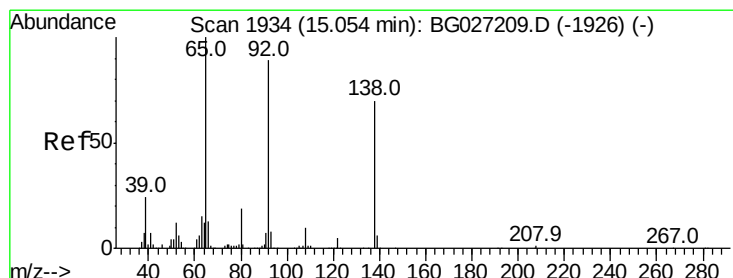
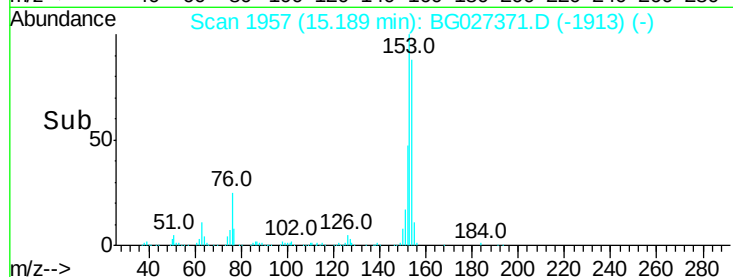
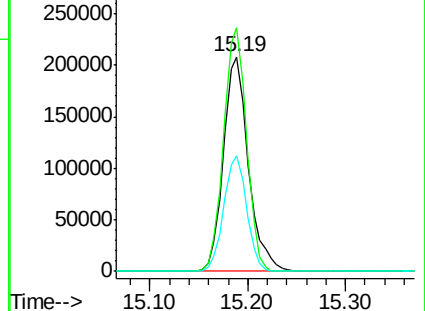
152 53.7 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.93 ng

RT: 15.02 min Scan# 1928

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

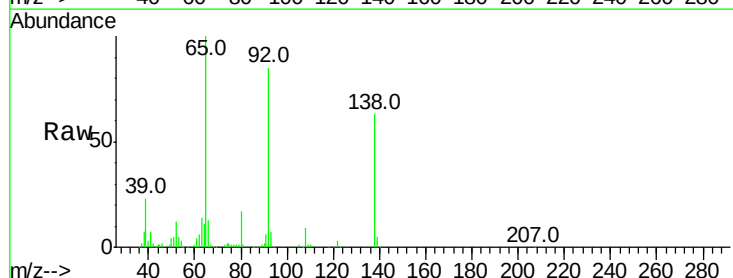
Tgt Ion:138 Resp: 85632

Ion Ratio Lower Upper

138 100

108 14.3 10.9 16.3

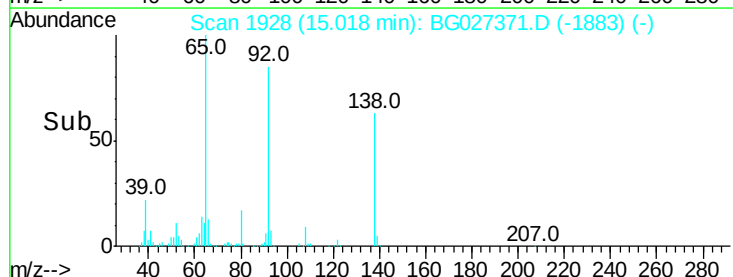
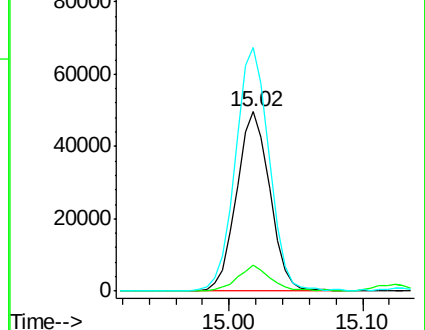
92 135.9 115.3 172.9

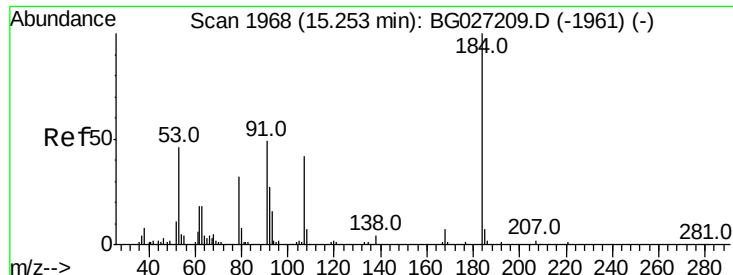


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

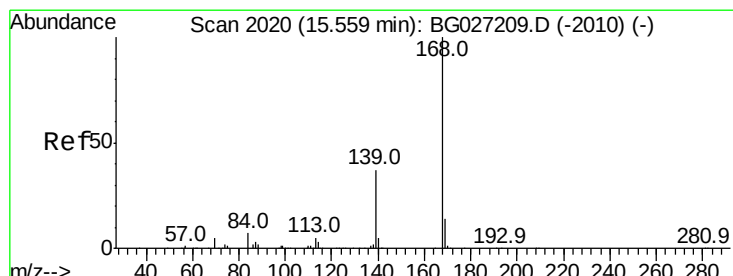
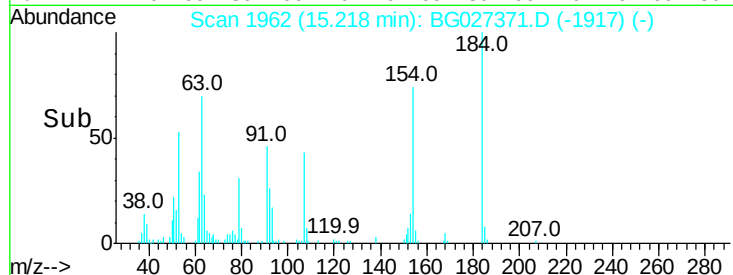
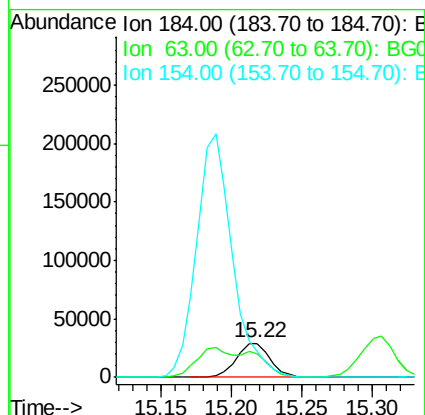
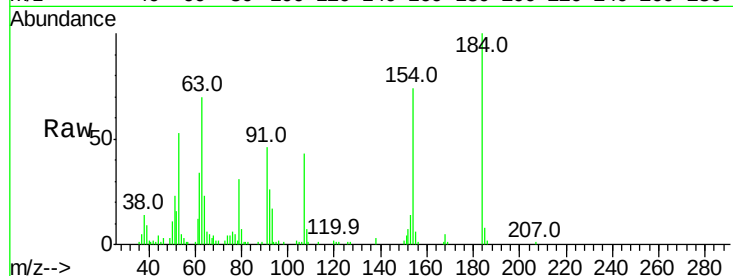




#53
2,4-Dinitrophenol
Concen: 54.20 ng
RT: 15.22 min Scan# 1962
Delta R.T. -0.03 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

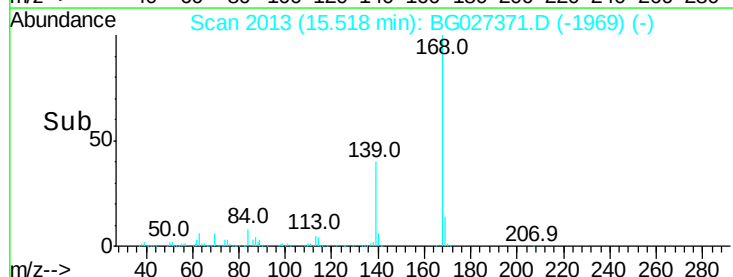
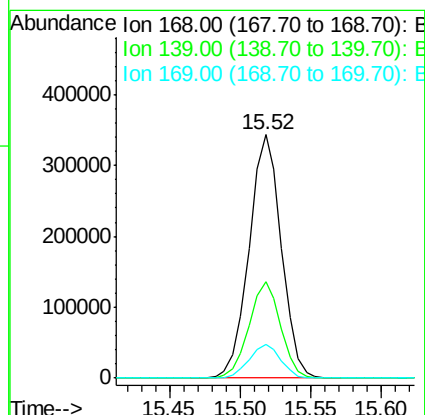
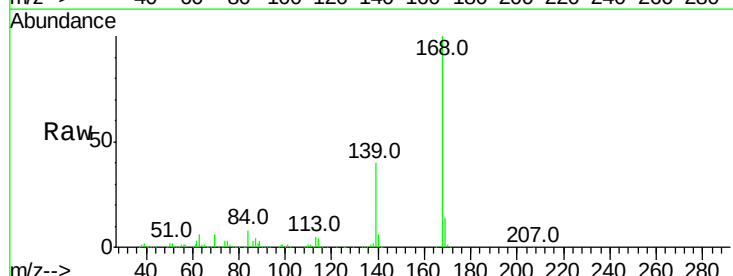
Instrument :
BNA_G
ClientSampleId :

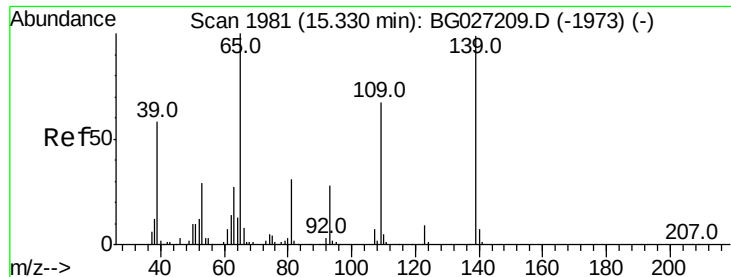
Tot Ion:184 Resp: 49355
Ion Ratio Lower Upper
184 100
63 69.6 52.7 79.1
154 74.3 57.3 85.9



#54
Dibenzofuran
Concen: 41.94 ng
RT: 15.52 min Scan# 2013
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:168 Resp: 546958
Ion Ratio Lower Upper
168 100
139 39.5 35.3 52.9
169 13.6 11.5 17.3

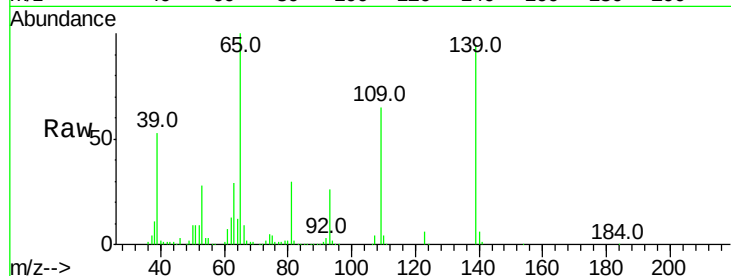




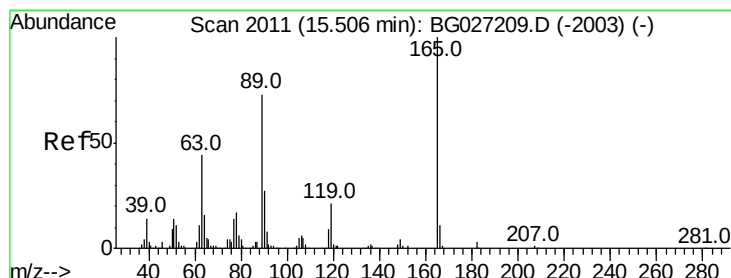
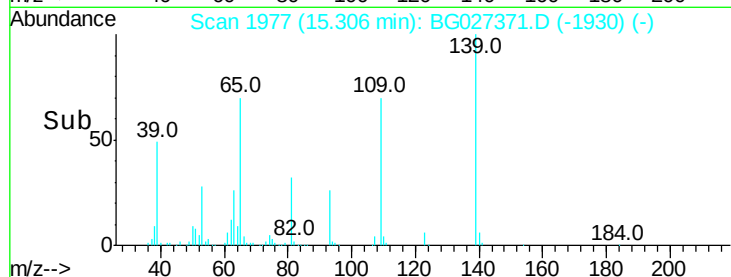
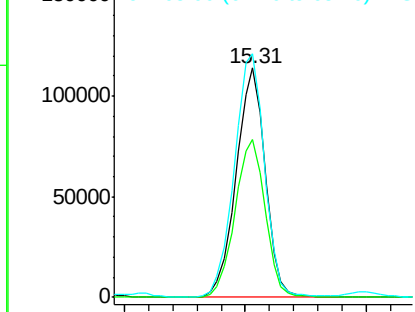
#55
4-Nitrophenol
Concen: 91.30 ng
RT: 15.31 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.9	101.2	141.2#
65	106.2	135.3	175.3#

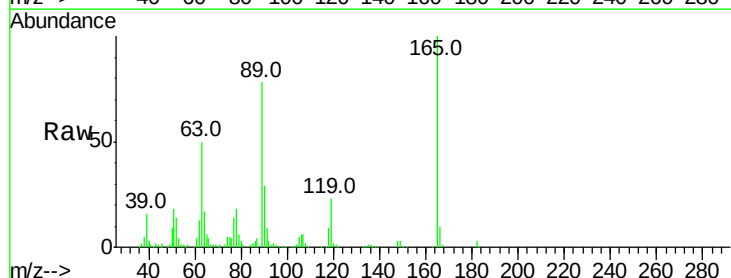


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

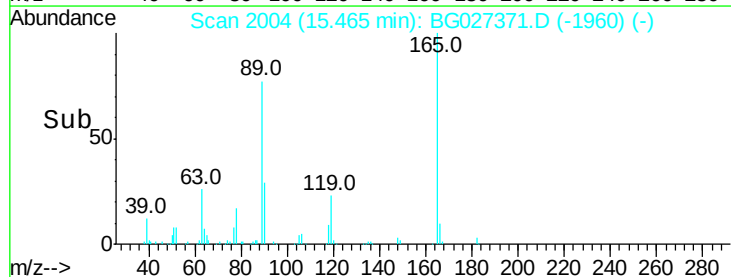
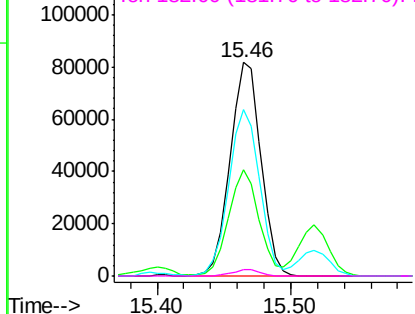


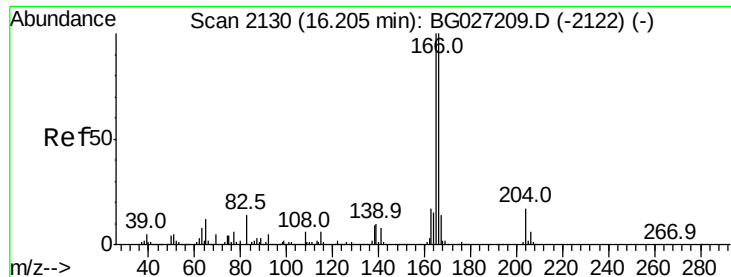
#56
2,4-Dinitrotoluene
Concen: 46.33 ng
RT: 15.46 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	44.0	66.0
89	77.9	67.3	100.9
182	3.3	3.8	5.6#



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

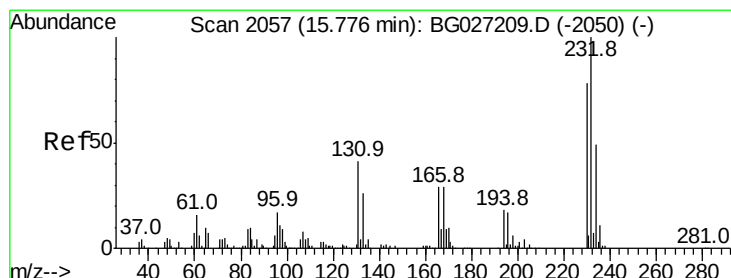
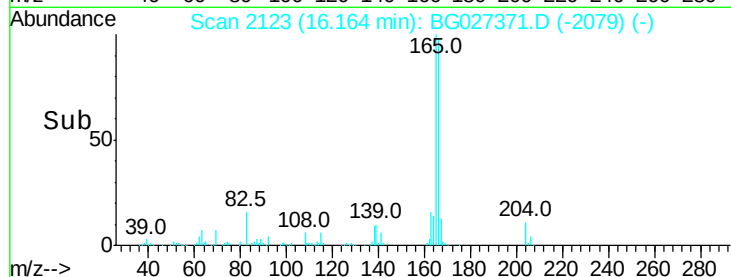
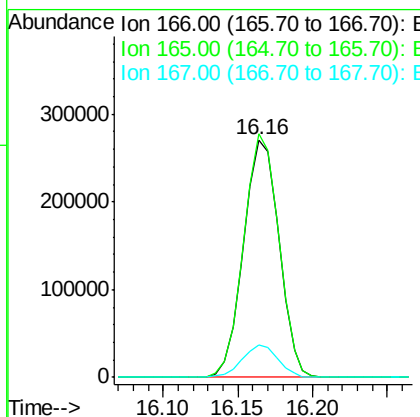
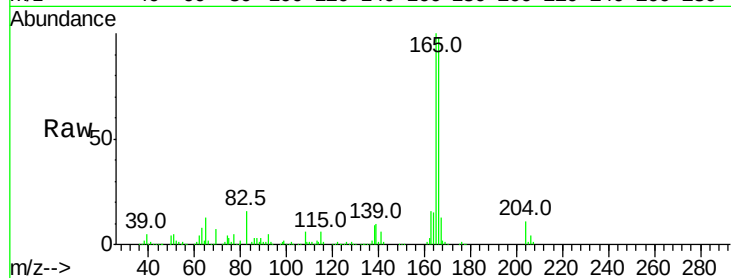




#57
 Fluorene
 Concen: 38.42 ng
 RT: 16.16 min Scan# 2123
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

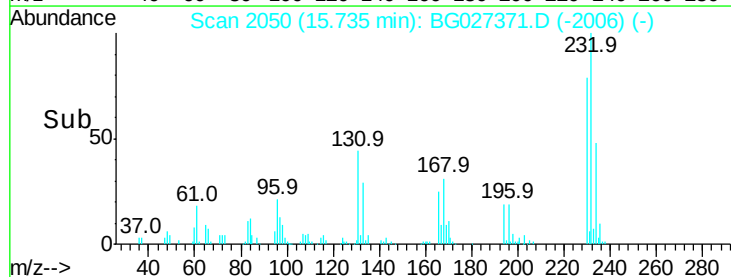
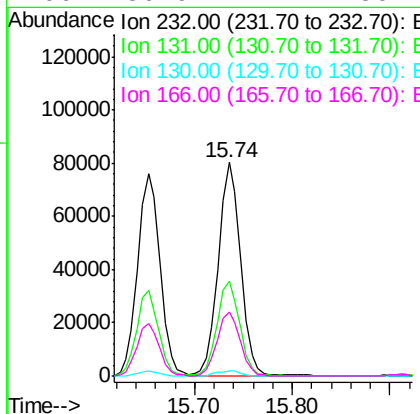
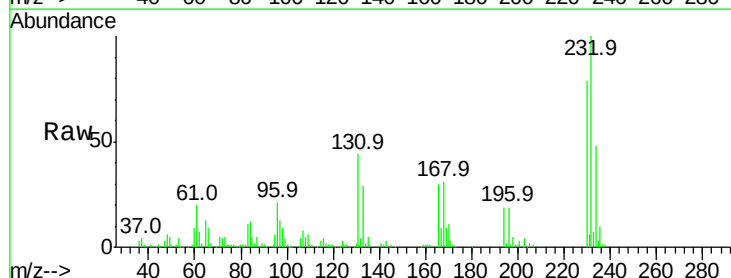
Instrument :
 BNA_G
 ClientSampleId :

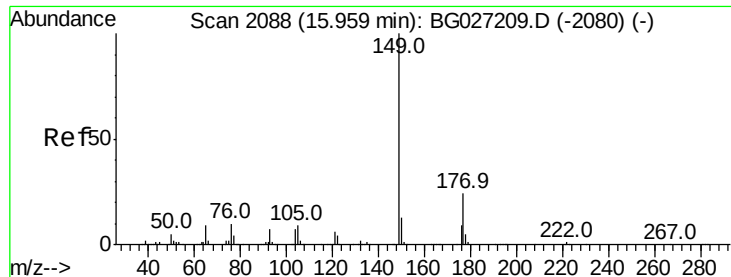
Tot Ion:166 Resp: 445064
 Ion Ratio Lower Upper
 166 100
 165 102.4 78.6 117.8
 167 13.8 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.89 ng
 RT: 15.74 min Scan# 2050
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:232 Resp: 127845
 Ion Ratio Lower Upper
 232 100
 131 44.9 34.9 52.3
 130 2.6 2.3 3.5
 166 30.9 24.2 36.4

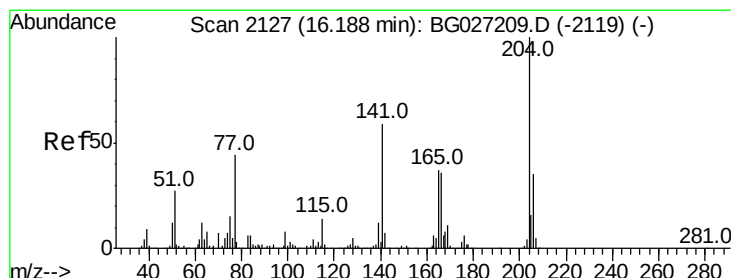
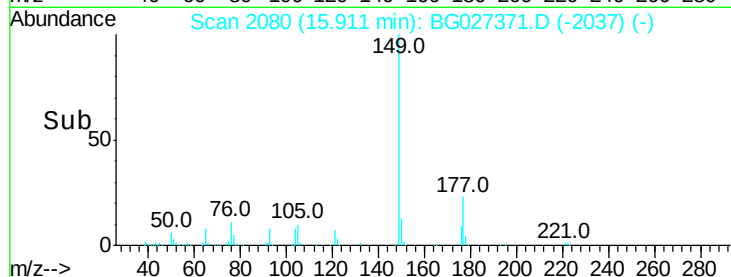
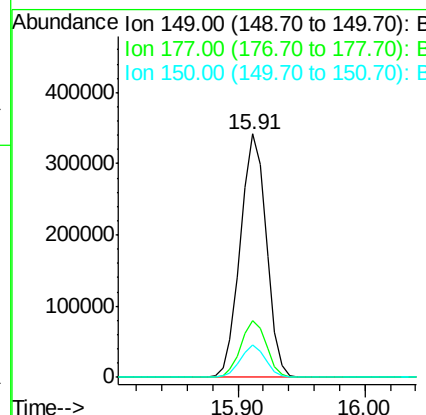
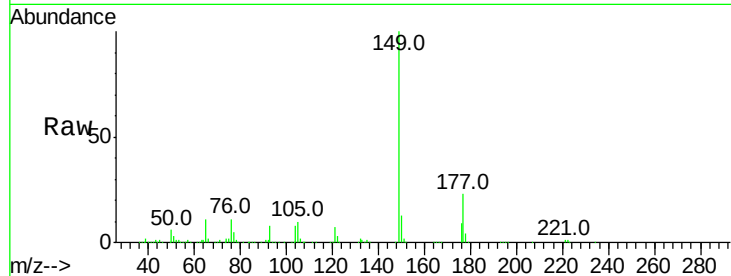




#59
Diethylphthalate
Concen: 44.18 ng
RT: 15.91 min Scan# 2080
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

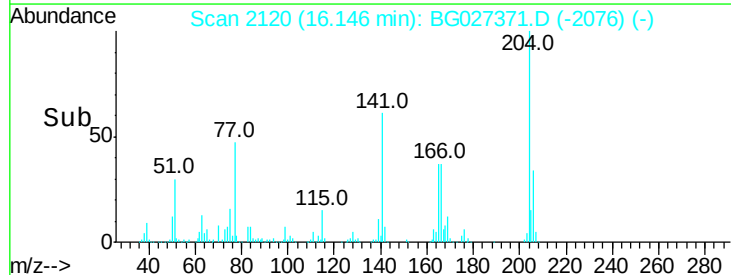
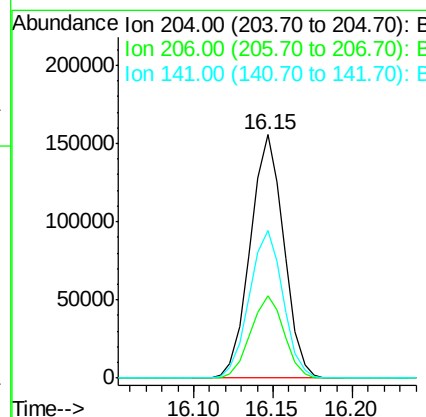
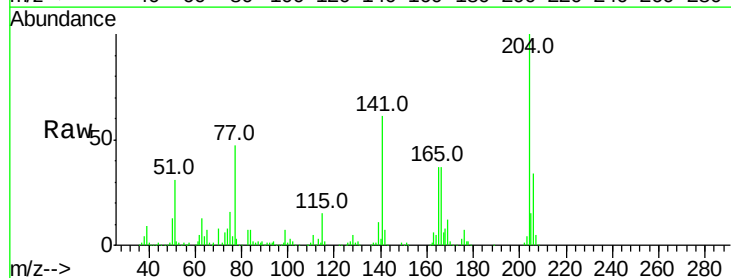
Instrument :
BNA_G
ClientSampleId :

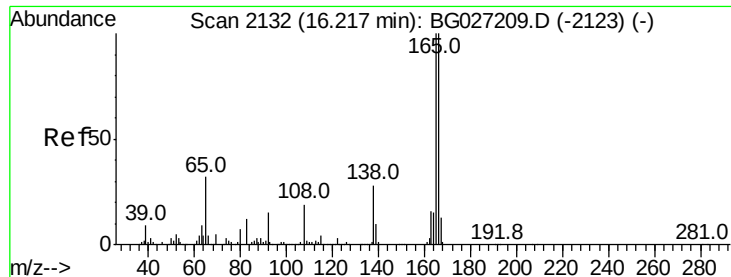
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	20.1	30.1
150	13.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.14 ng
RT: 16.15 min Scan# 2120
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	30.1	45.1
141	60.8	50.6	76.0

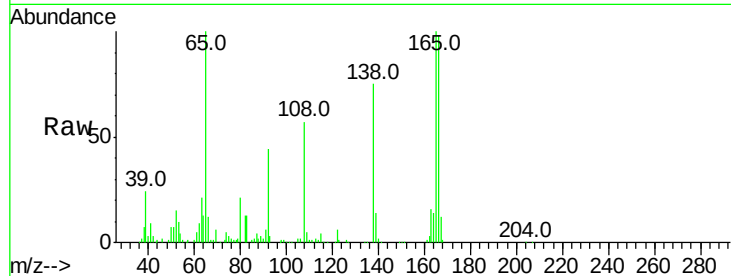




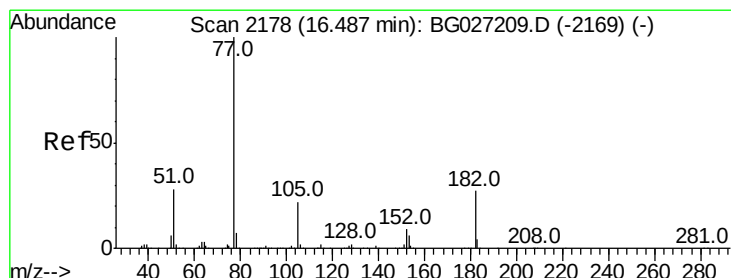
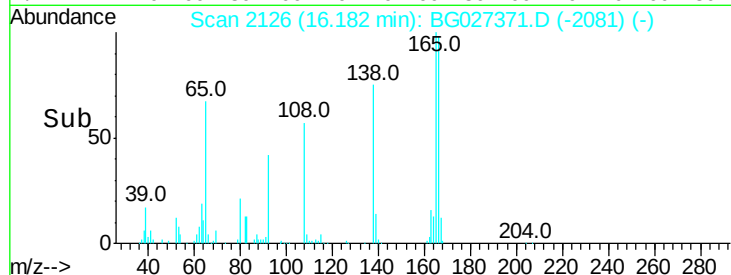
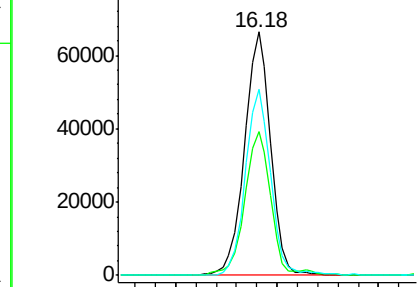
#61
4-Nitroaniline
Concen: 49.70 ng
RT: 16.18 min Scan# 2126
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 118329
Ion Ratio Lower Upper
138 100
92 59.1 44.2 84.2
108 76.3 104.8 144.8#

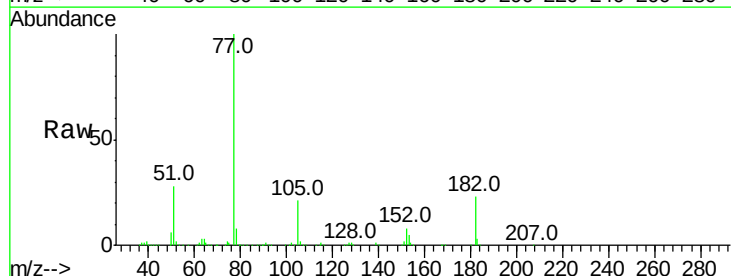


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

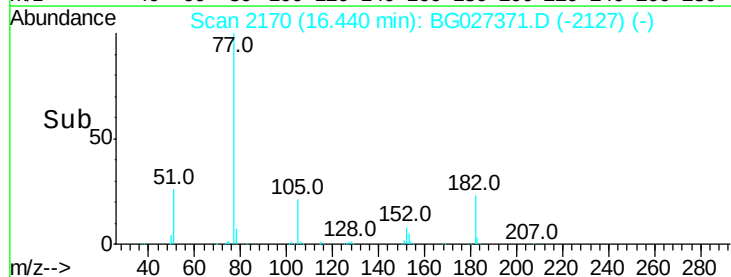
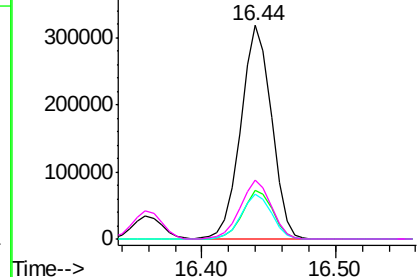


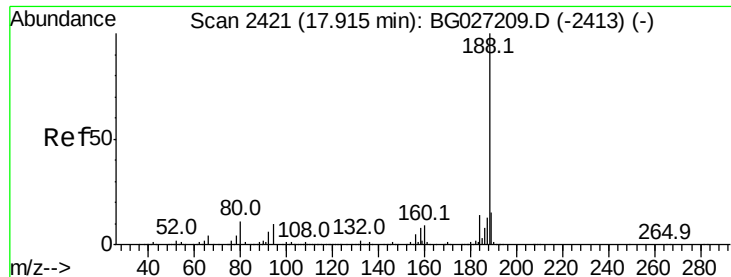
#62
Azobenzene
Concen: 49.88 ng
RT: 16.44 min Scan# 2170
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion: 77 Resp: 506776
Ion Ratio Lower Upper
77 100
182 23.0 4.7 44.7
105 21.1 0.0 36.3
51 27.6 16.4 56.4



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

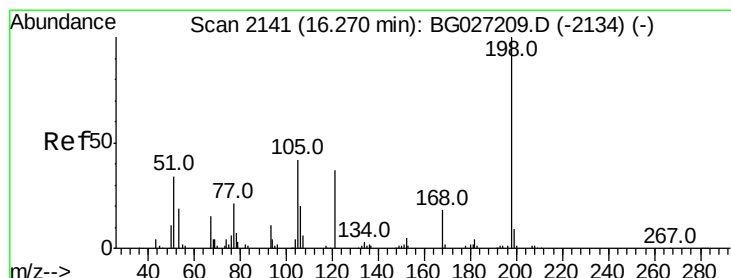
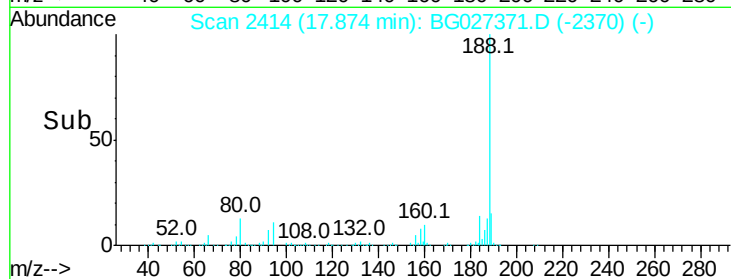
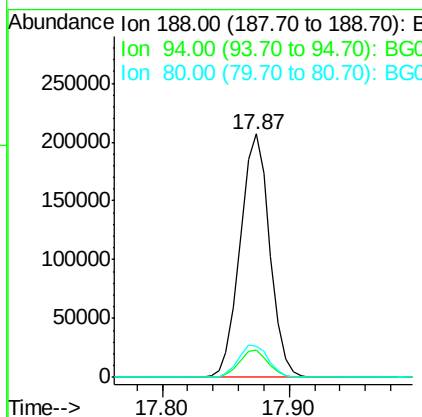
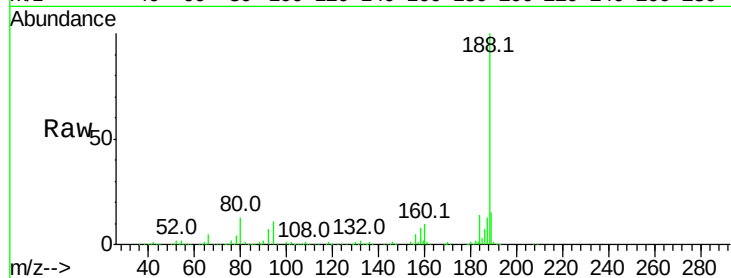




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

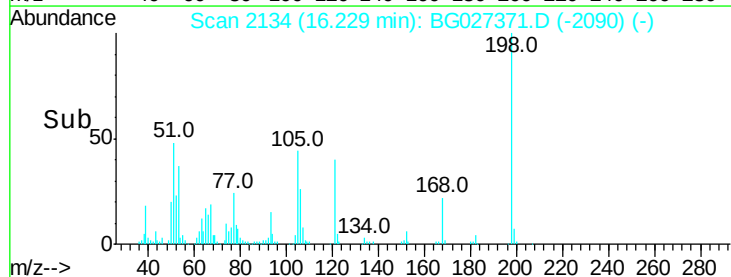
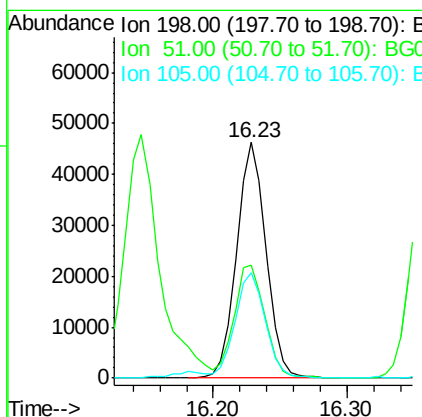
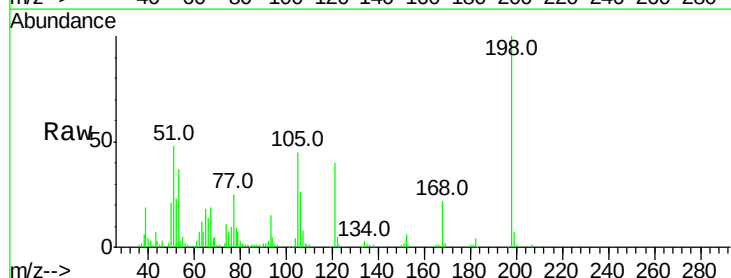
Instrument :
BNA_G
ClientSampled :

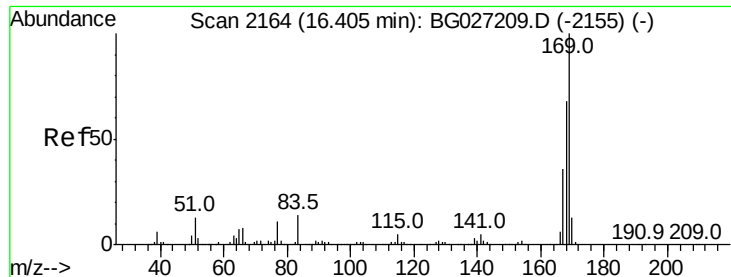
Tot Ion:188 Resp: 333872
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 12.9 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.52 ng
RT: 16.23 min Scan# 2134
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion:198 Resp: 70201
Ion Ratio Lower Upper
198 100
51 48.3 22.6 62.6
105 44.6 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 39.15 ng

RT: 16.36 min Scan# 2156

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

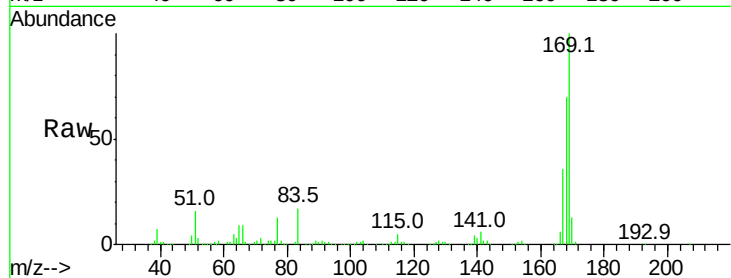
Tot Ion:169 Resp: 409814

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

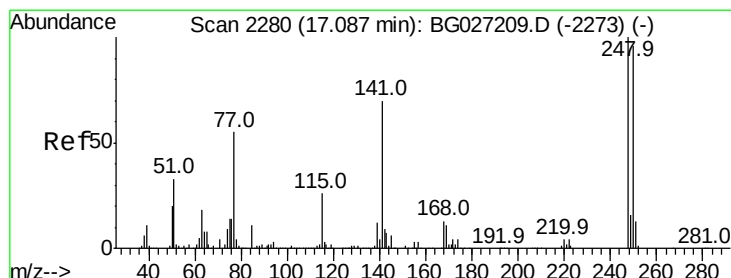
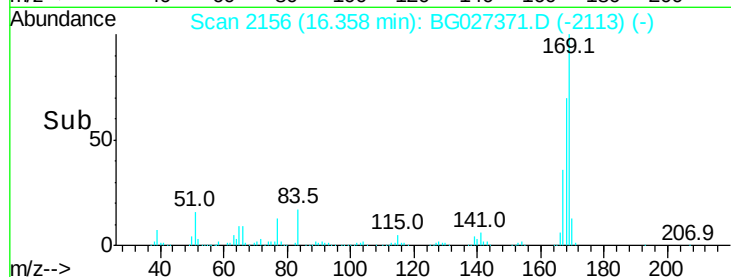
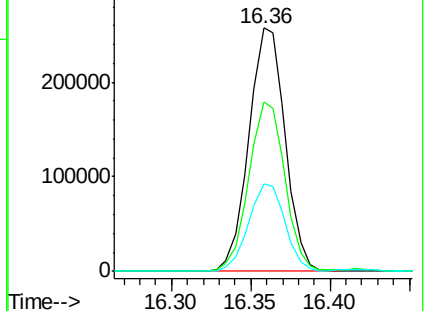
167 35.8 29.8 44.6



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: 38.32 ng

RT: 17.05 min Scan# 2273

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

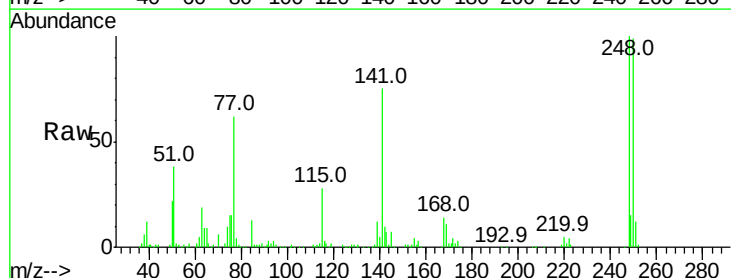
Tgt Ion:248 Resp: 151425

Ion Ratio Lower Upper

248 100

250 98.7 75.0 112.6

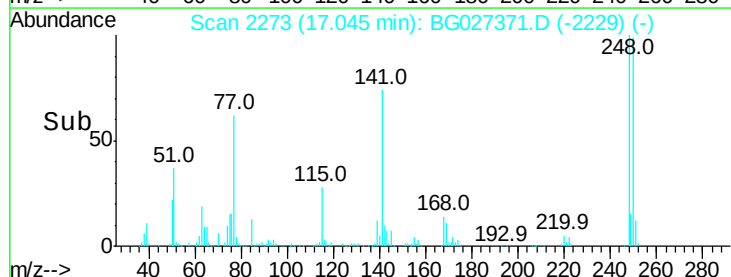
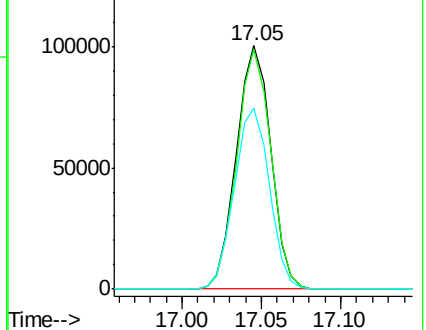
141 74.6 55.2 82.8

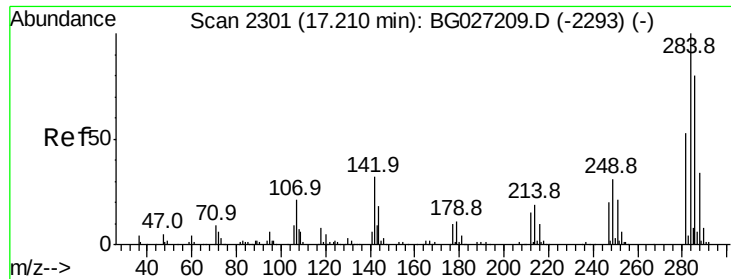


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

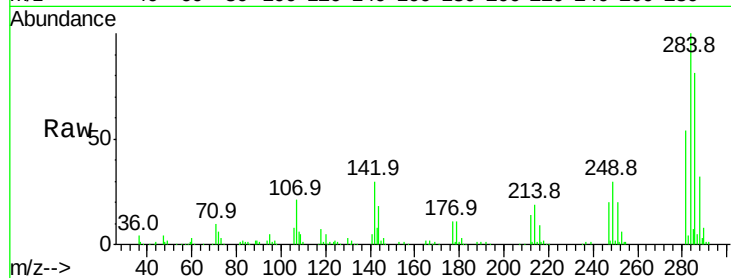




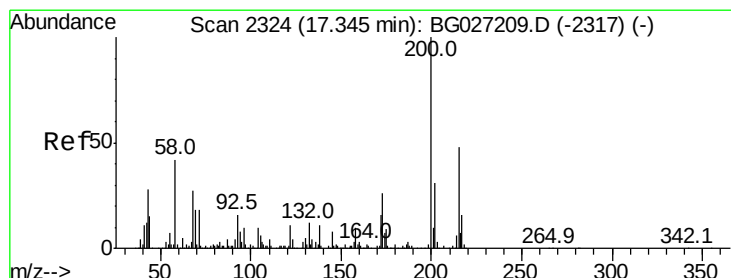
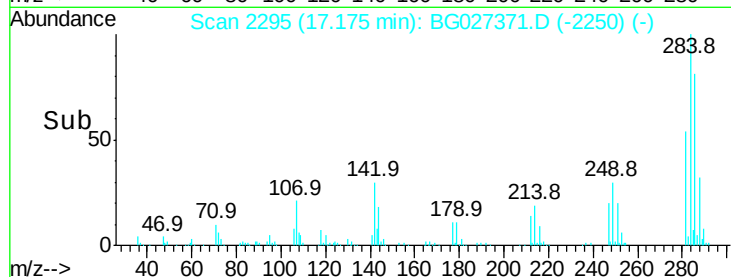
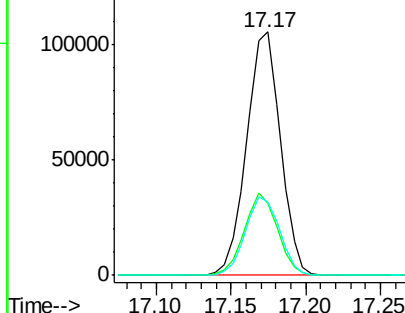
#67
Hexachlorobenzene
Concen: 38.67 ng
RT: 17.17 min Scan# 2295
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.7	29.9	44.9#
249	30.3	29.2	43.8

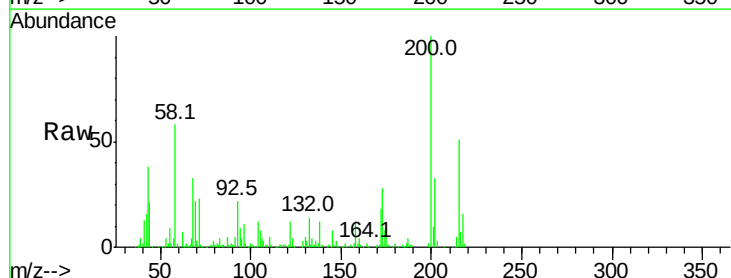


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

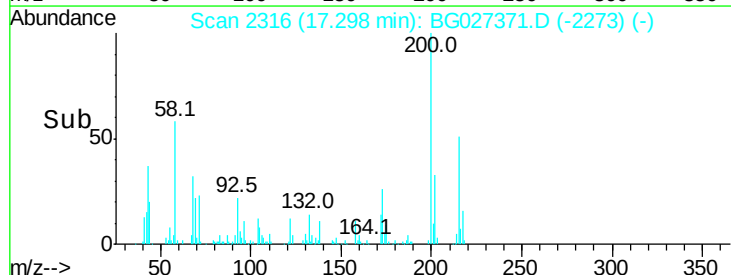
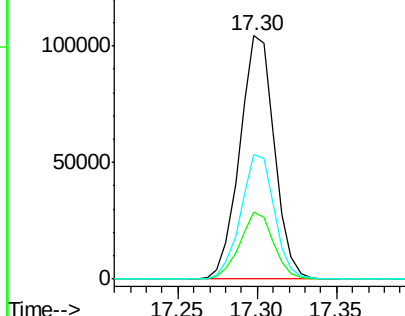


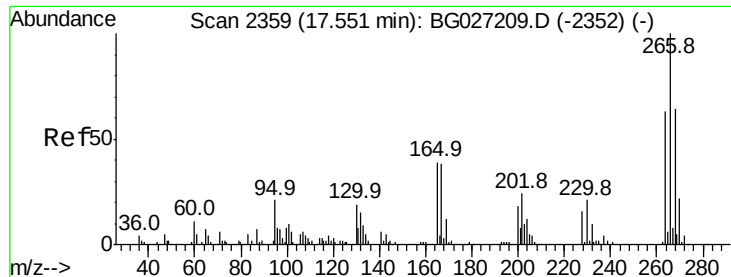
#68
Atrazine
Concen: 45.09 ng
RT: 17.30 min Scan# 2316
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	3.0	43.0
215	50.9	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 86.59 ng

RT: 17.52 min Scan# 2353

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

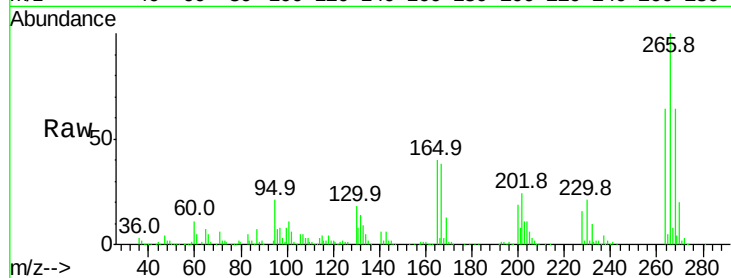
Tot Ion:266 Resp: 215722

Ion Ratio Lower Upper

266 100

268 64.2 48.6 72.8

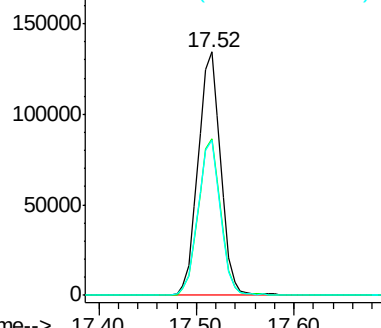
264 63.7 50.1 75.1



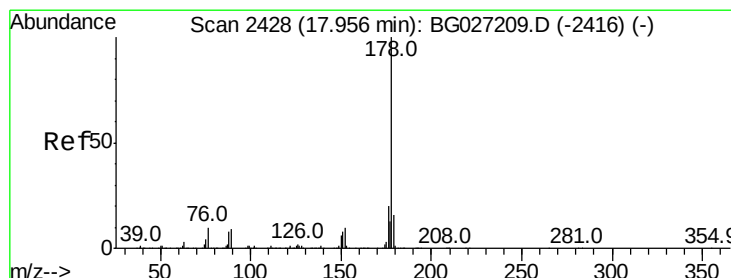
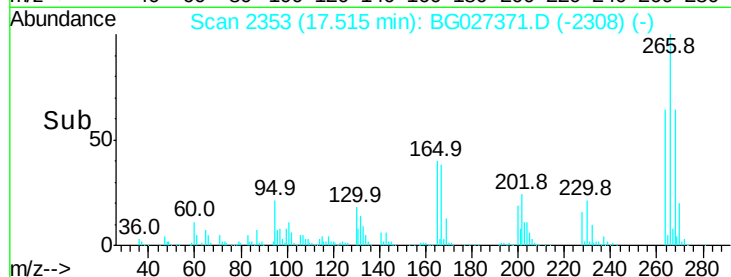
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.40 17.50 17.60



#70

Phenanthrene

Concen: 40.09 ng

RT: 17.91 min Scan# 2421

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

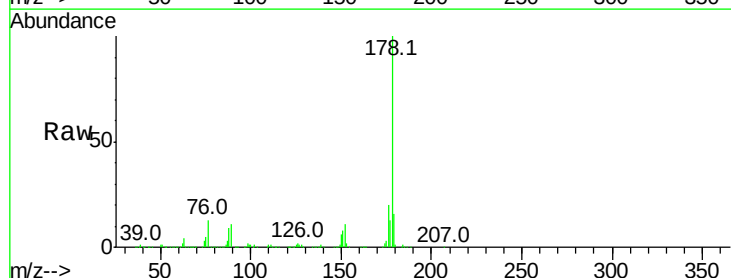
Tgt Ion:178 Resp: 753010

Ion Ratio Lower Upper

178 100

176 20.0 17.7 26.5

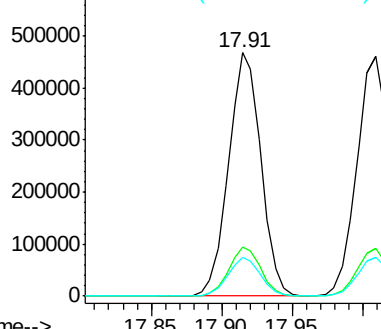
179 16.1 15.0 22.6



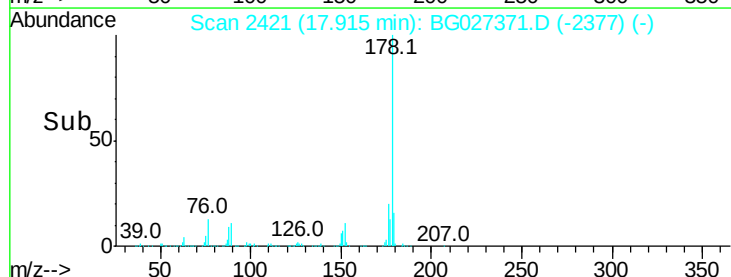
Abundance Ion 178.00 (177.70 to 178.70): E

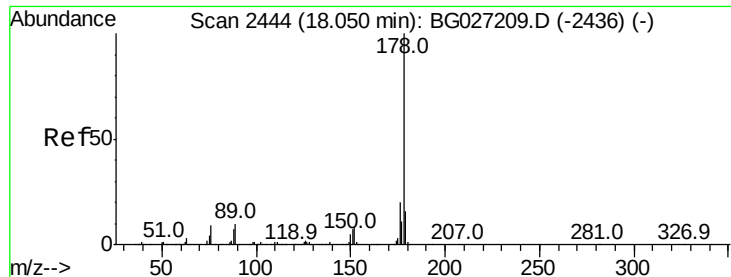
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.85 17.90 17.95

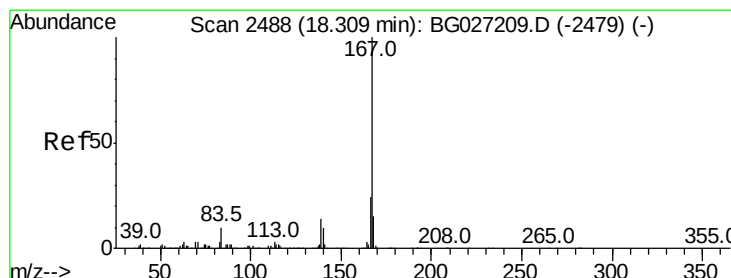
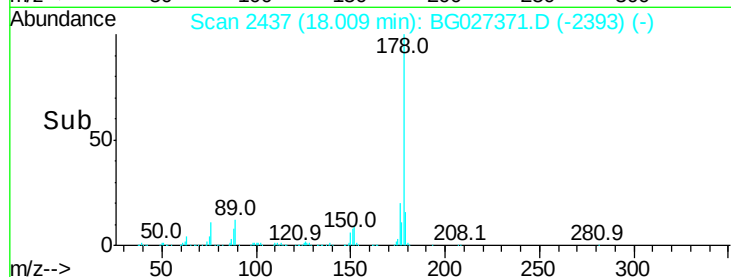
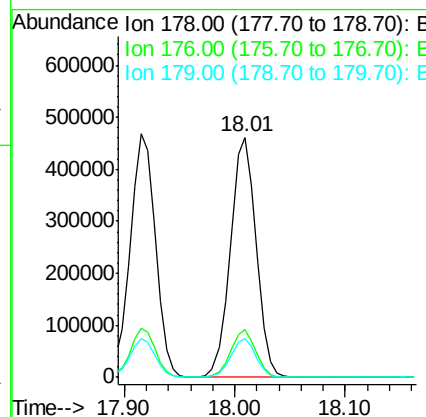
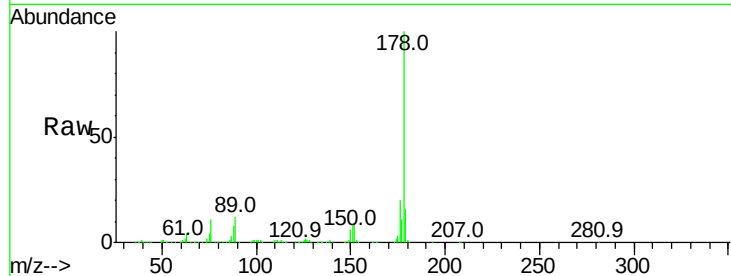




#71
 Anthracene
 Concen: 39.97 ng
 RT: 18.01 min Scan# 2437
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

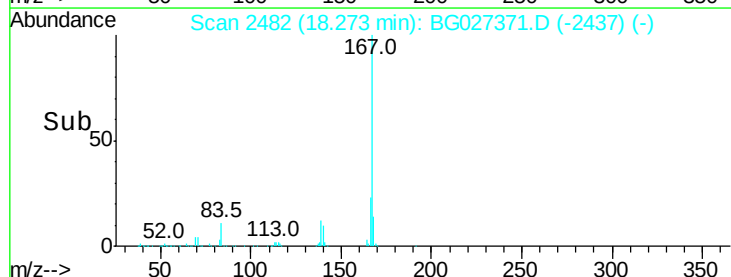
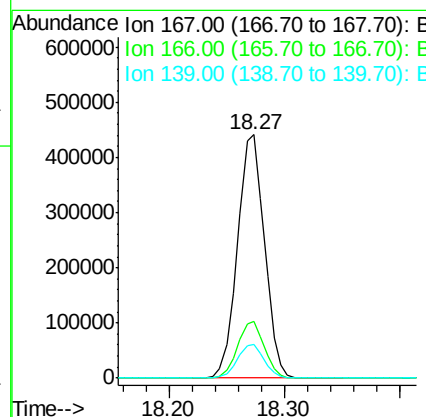
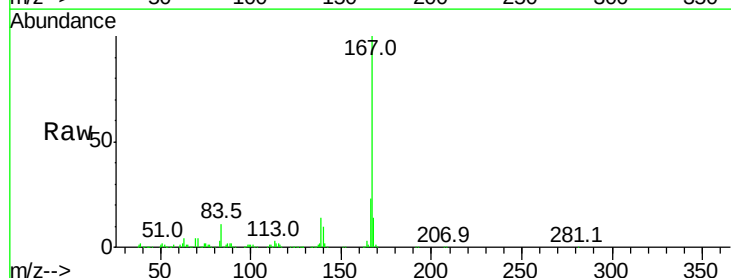
Instrument :
 BNA_G
 ClientSampleId :

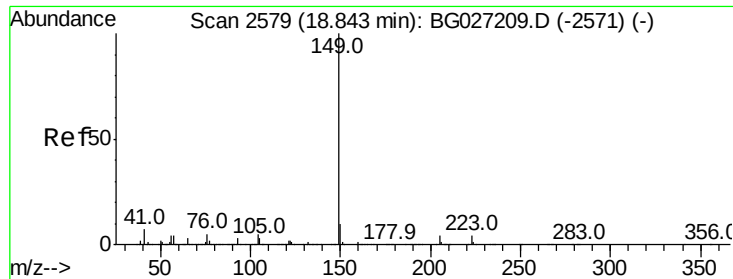
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.0	13.8	20.8



#72
 Carbazole
 Concen: 40.21 ng
 RT: 18.27 min Scan# 2482
 Delta R.T. -0.04 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	13.9	12.8	19.2

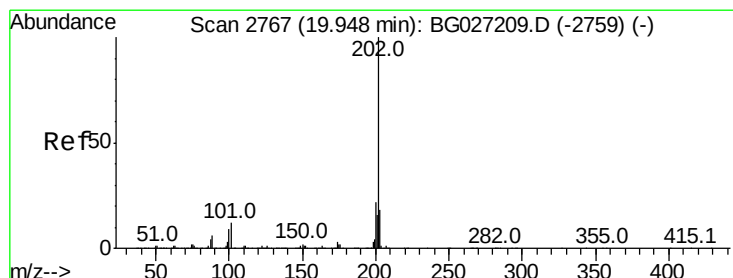
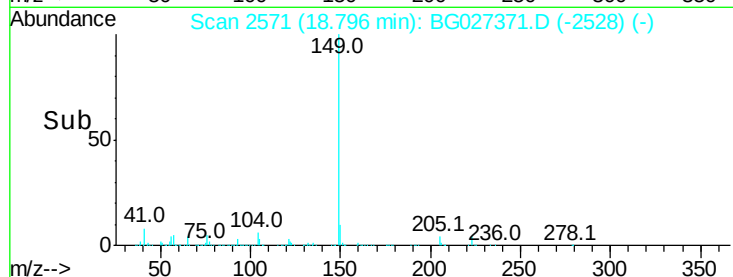
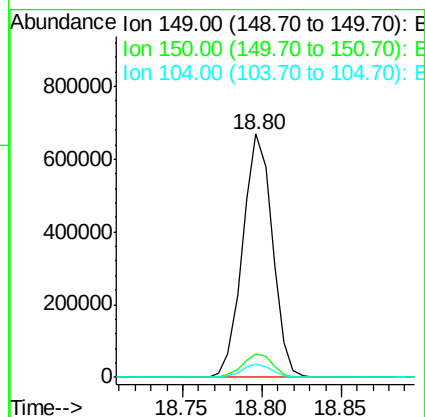
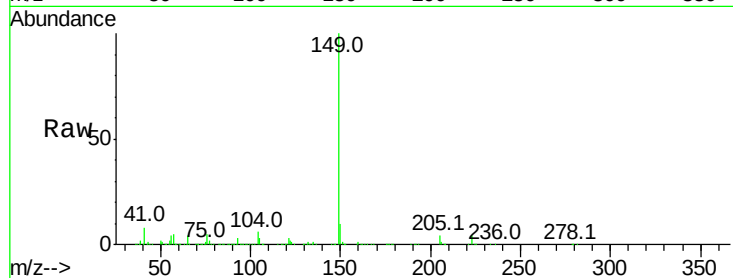




#73
Di-n-butylphthalate
Concen: 50.52 ng
RT: 18.80 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

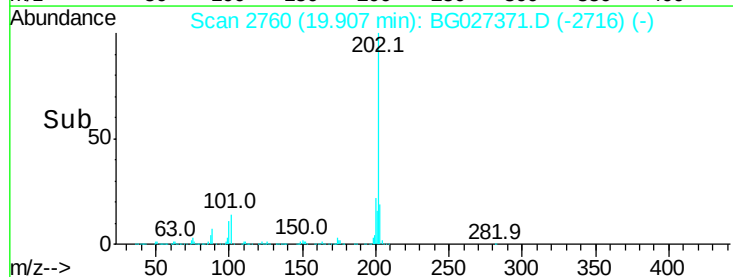
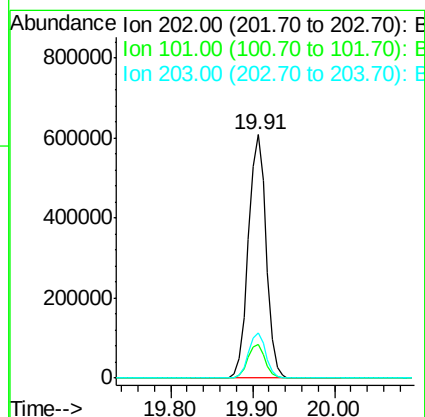
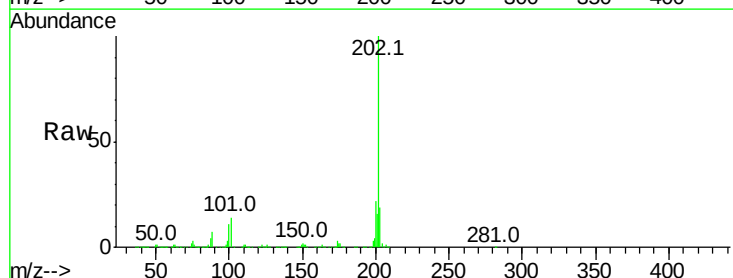
Instrument :
BNA_G
ClientSampleId :

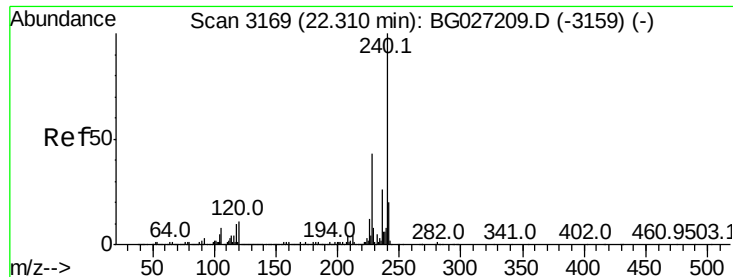
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.6	6.7	10.1



#74
Fluoranthene
Concen: 45.63 ng
RT: 19.91 min Scan# 2760
Delta R.T. -0.04 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.1
203	18.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.26 min Scan# 3160

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

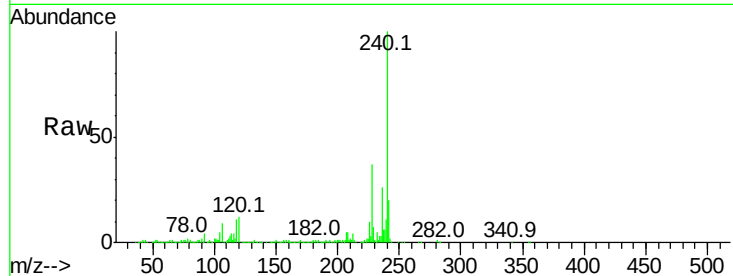
Tot Ion:240 Resp: 406360

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

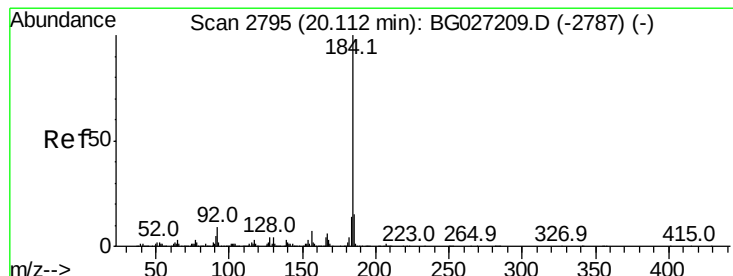
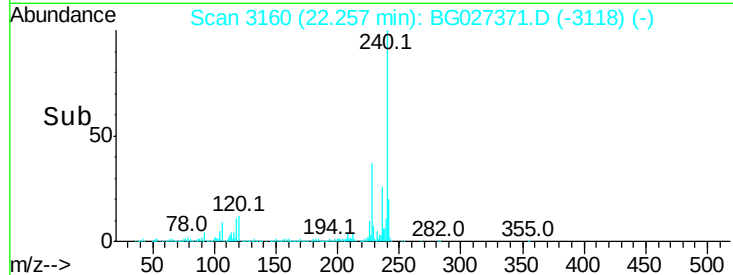
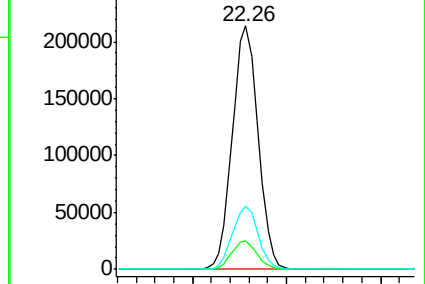
236 25.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.17 ng

RT: 20.08 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

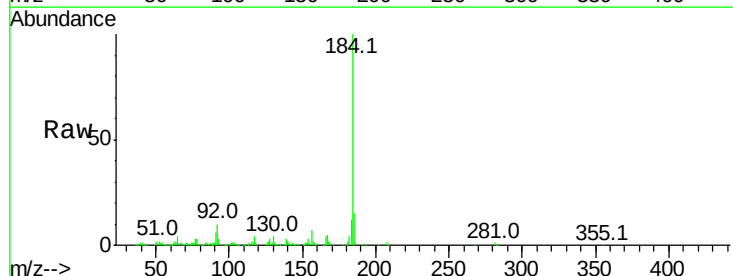
Tgt Ion:184 Resp: 418242

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.6

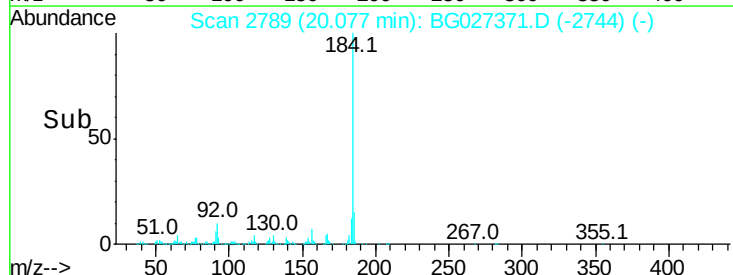
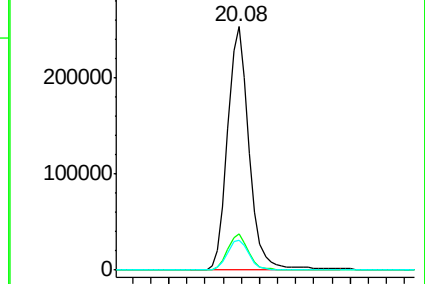
183 12.4 11.0 16.6

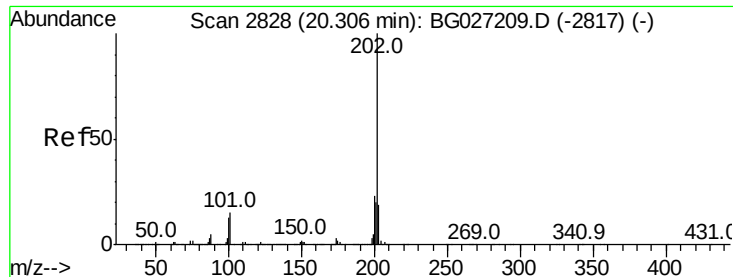


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.80 ng

RT: 20.27 min Scan# 2822

Delta R.T. -0.04 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

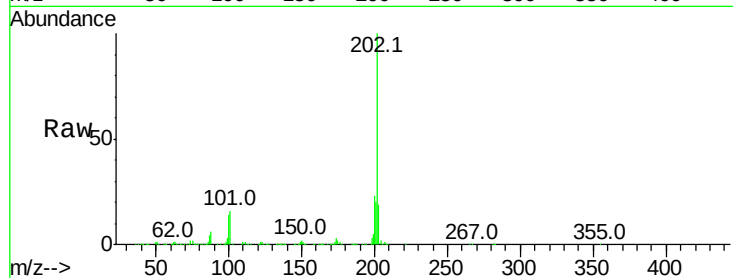
Tot Ion:202 Resp: 928164

Ion Ratio Lower Upper

202 100

200 22.8 19.6 29.4

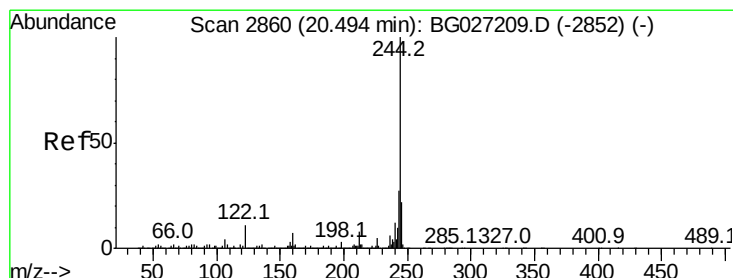
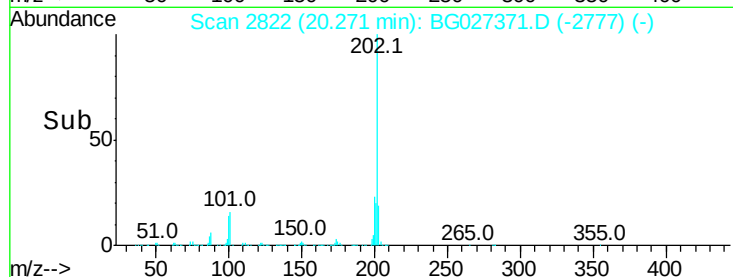
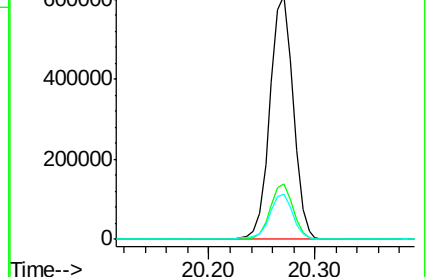
203 18.6 15.8 23.8



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: 81.94 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

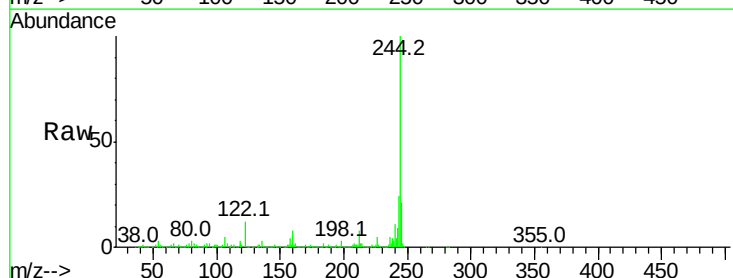
Tgt Ion:244 Resp: 1305202

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

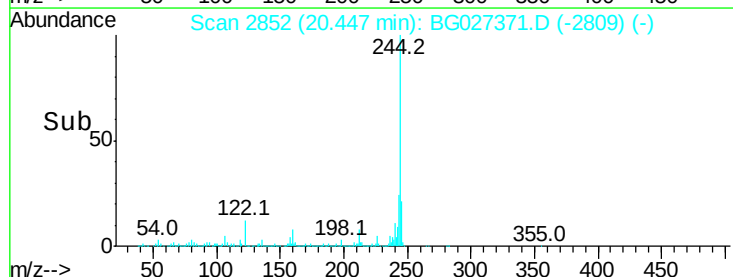
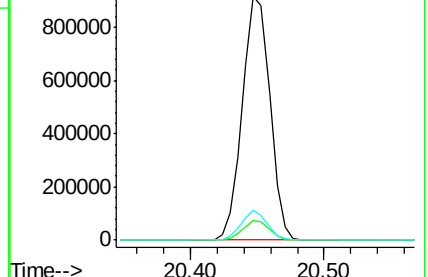
122 12.4 8.6 12.8

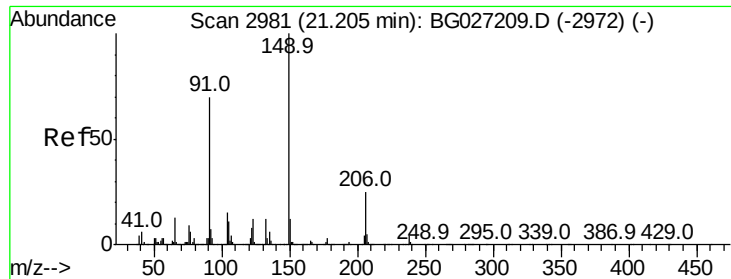


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

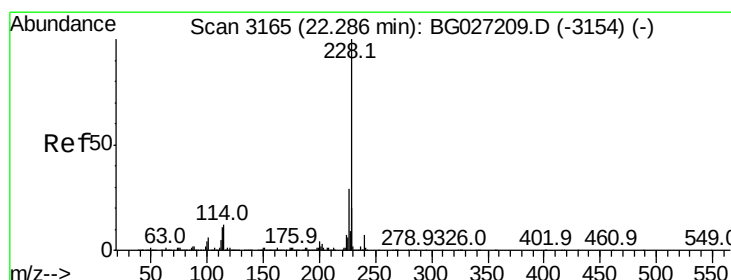
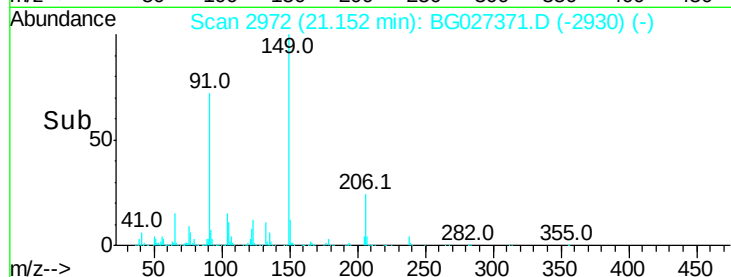
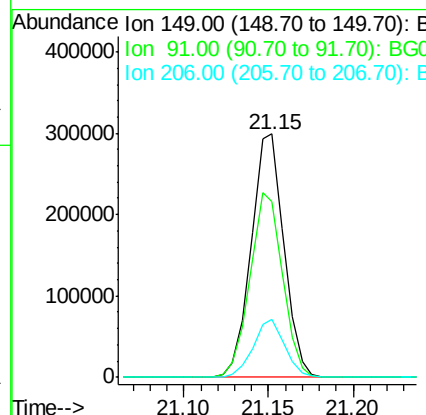
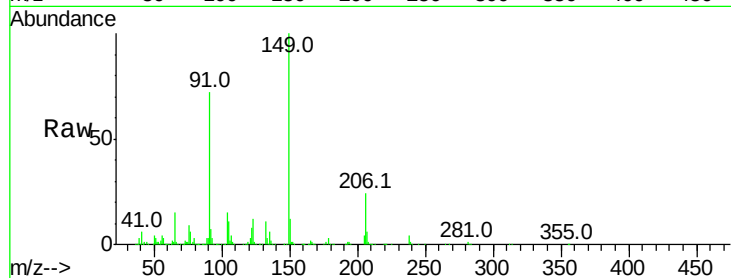




#79
Butylbenzylphthalate
Concen: 46.48 ng
RT: 21.15 min Scan# 2972
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

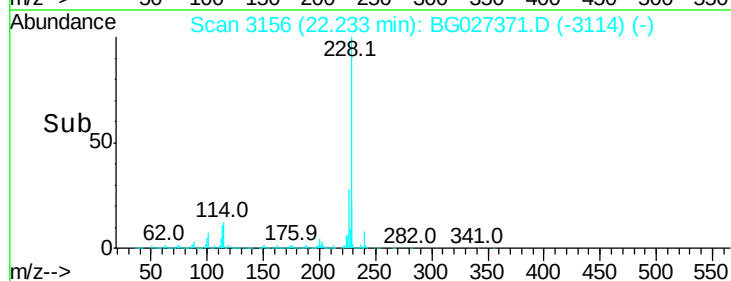
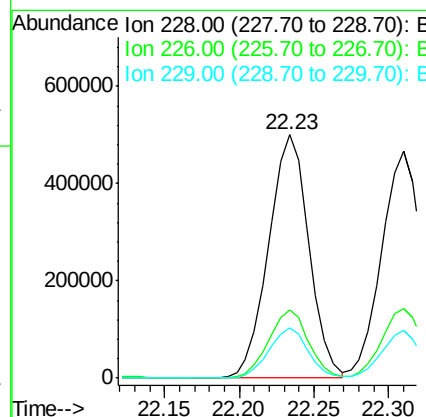
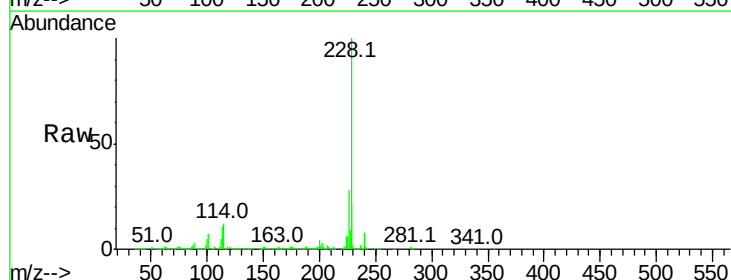
Instrument :
BNA_G
ClientSampleId :

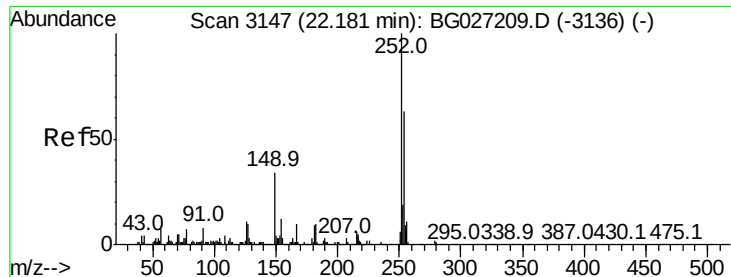
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.4	63.5	95.3
206	23.7	21.0	31.6



#80
Benzo(a)anthracene
Concen: 40.55 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.05 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	20.8	18.2	27.2

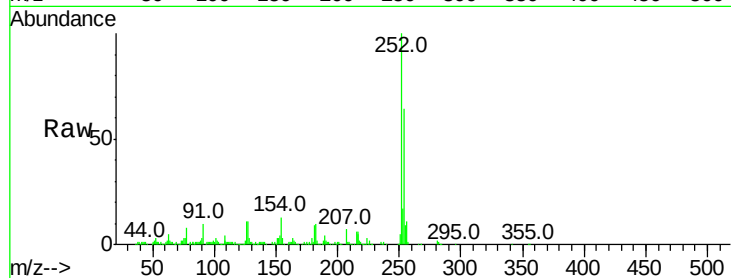




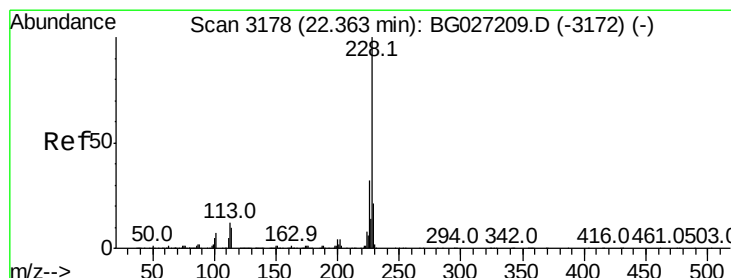
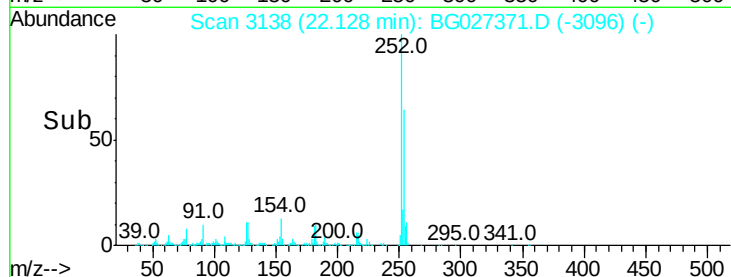
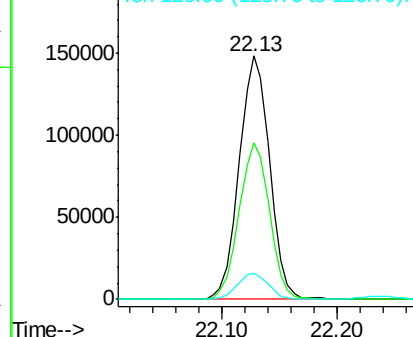
#81
 3,3'-Dichlorobenzidine
 Concen: 30.02 ng
 RT: 22.13 min Scan# 3138
 Delta R.T. -0.05 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 270641
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.1 79.7
 126 10.8 7.0 10.4#

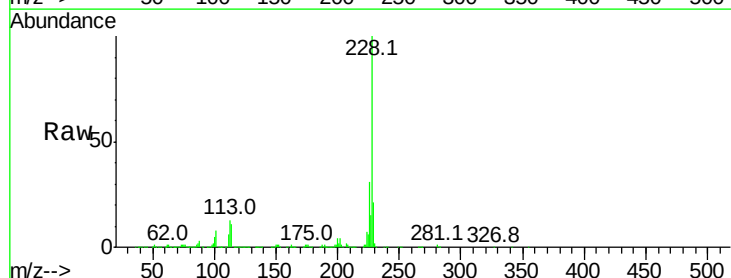


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

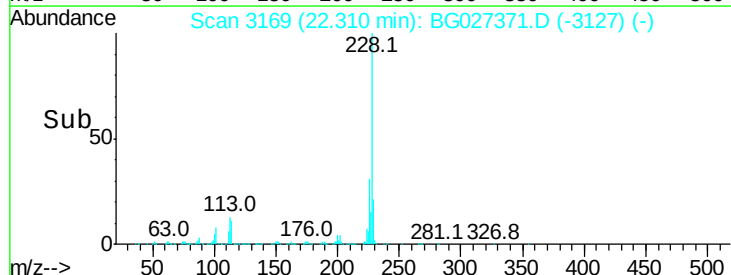
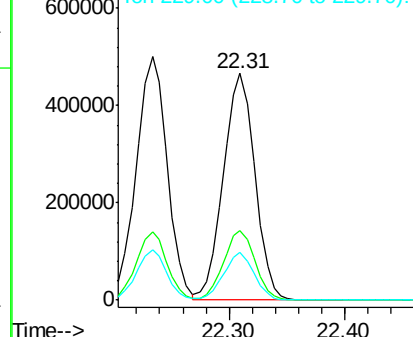


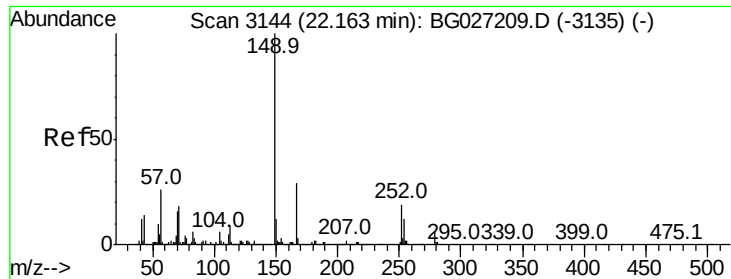
#82
 Chrysene
 Concen: 39.55 ng
 RT: 22.31 min Scan# 3169
 Delta R.T. -0.05 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:228 Resp: 879973
 Ion Ratio Lower Upper
 228 100
 226 30.6 27.0 40.4
 229 21.0 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.27 ng

RT: 22.09 min Scan# 3132

Delta R.T. -0.07 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

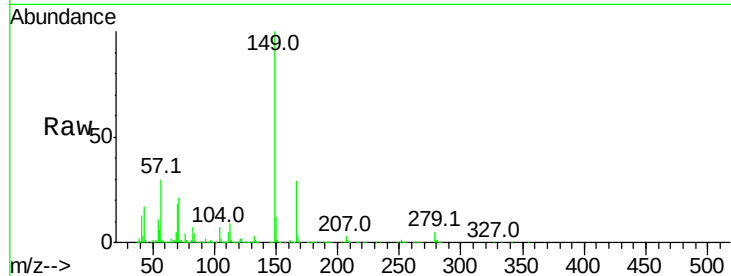
Tot Ion:149 Resp: 580405

Ion Ratio Lower Upper

149 100

167 29.0 23.7 35.5

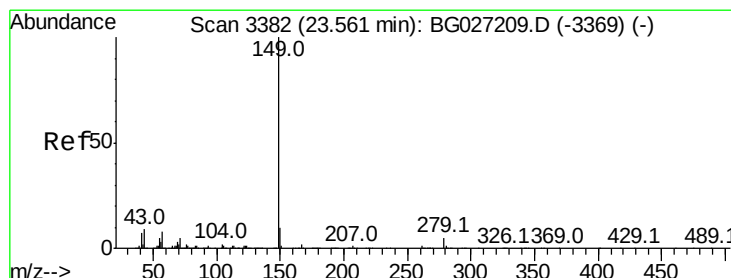
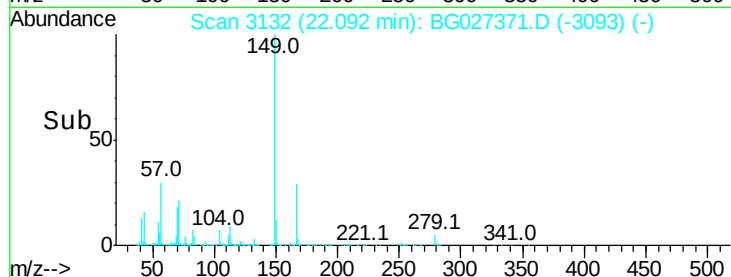
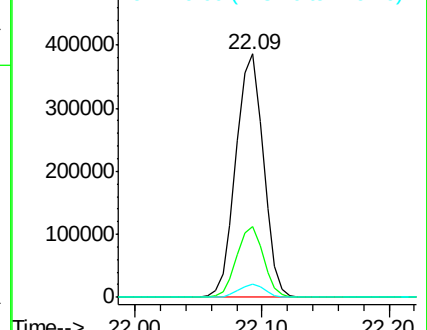
279 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.16 ng

RT: 23.46 min Scan# 3365

Delta R.T. -0.10 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

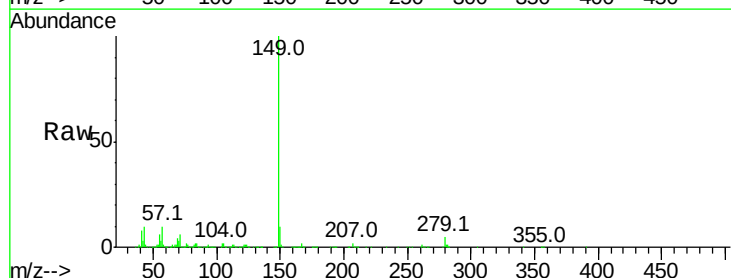
Tgt Ion:149 Resp: 980683

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

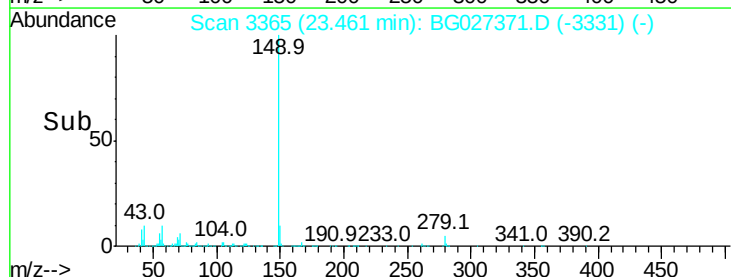
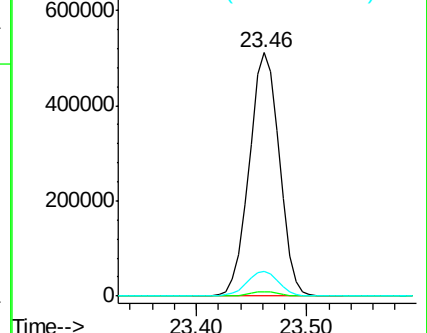
43 10.4 11.8 17.6#

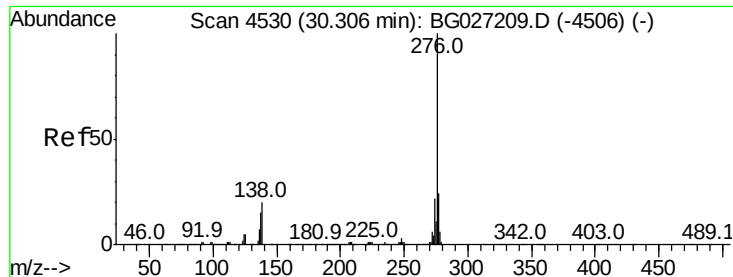


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

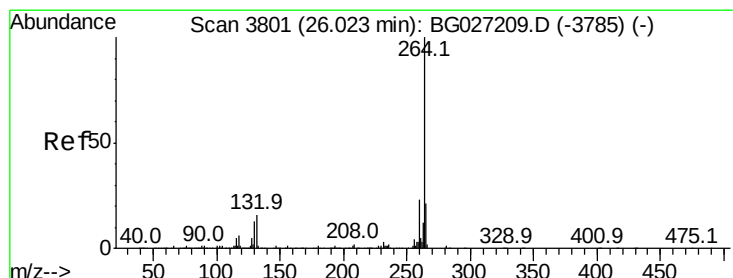
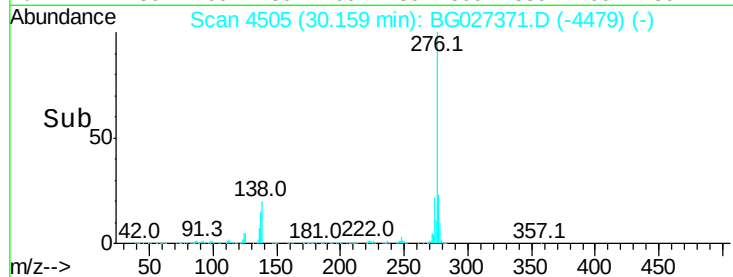
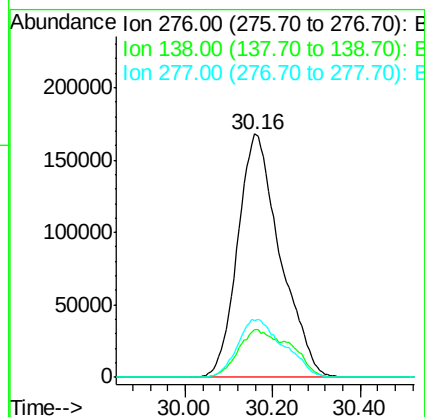
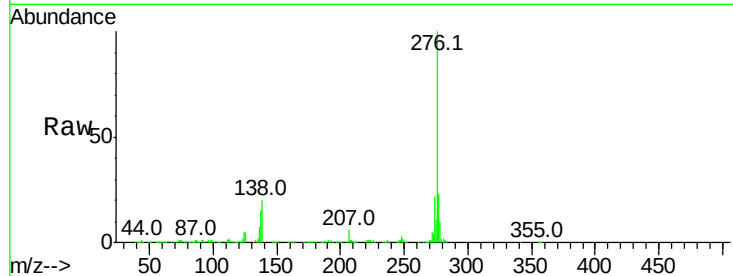




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.04 ng
 RT: 30.16 min Scan# 4505
 Delta R.T. -0.15 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

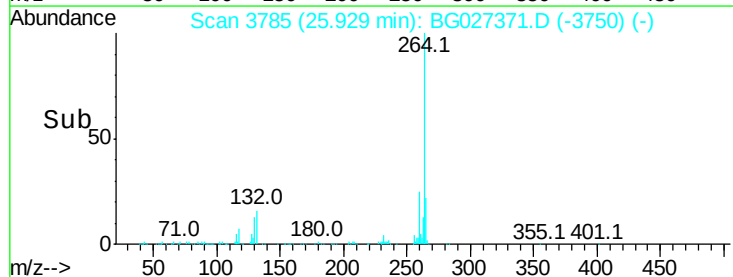
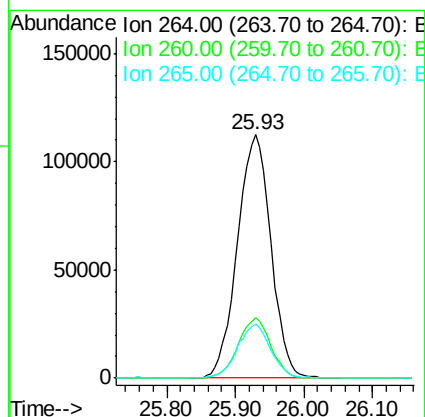
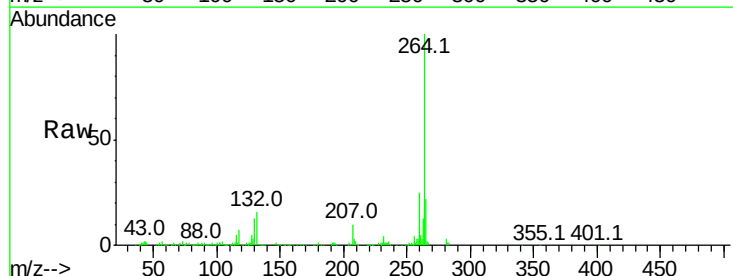
Instrument :
 BNA_G
 ClientSampleId :

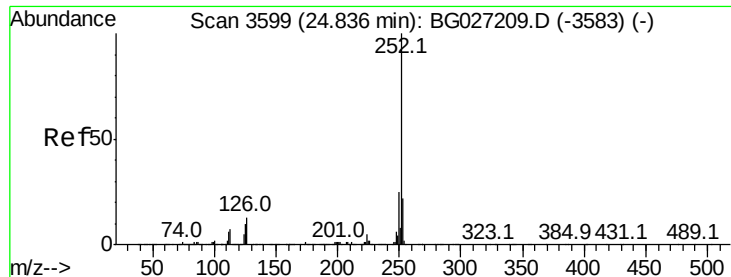
Tot Ion:276 Resp: 1105940
 Ion Ratio Lower Upper
 276 100
 138 17.4 4.7 7.1#
 277 26.2 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.93 min Scan# 3785
 Delta R.T. -0.09 min
 Lab File: BG027371.D
 Acq: 10 Jun 2017 14:29

Tgt Ion:264 Resp: 381573
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.8 32.8
 265 22.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.83 ng

RT: 24.75 min Scan# 3585

Delta R.T. -0.08 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

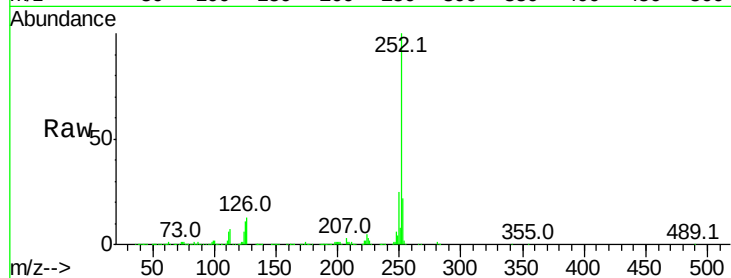
Tot Ion:252 Resp: 942547

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

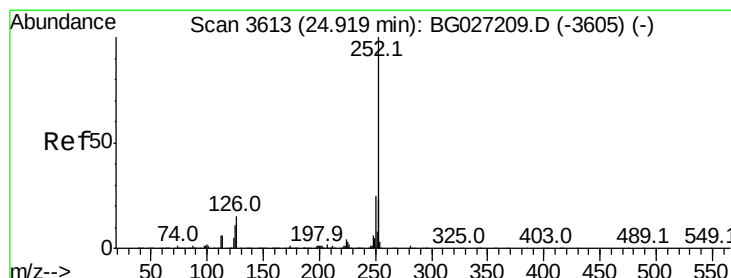
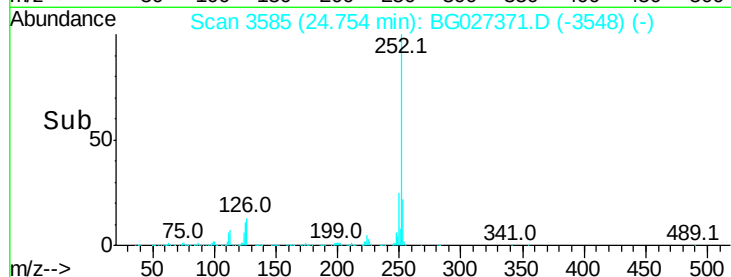
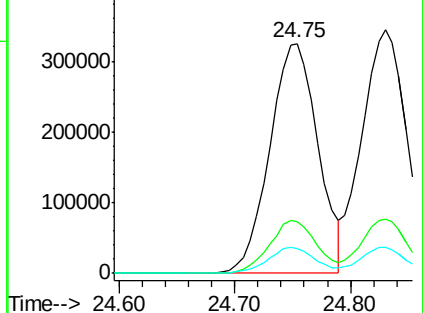
125 10.9 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.47 ng

RT: 24.83 min Scan# 3598

Delta R.T. -0.09 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

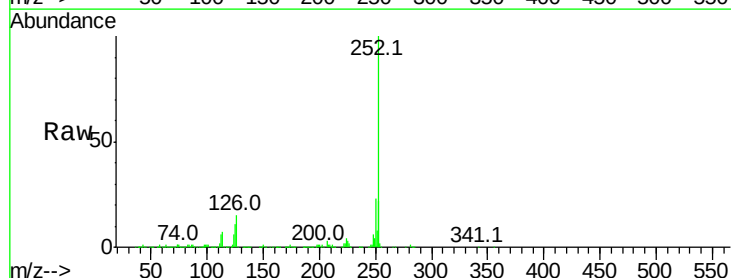
Tgt Ion:252 Resp: 939599

Ion Ratio Lower Upper

252 100

253 22.5 20.2 30.2

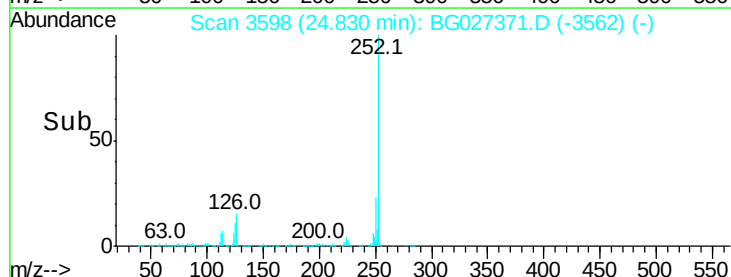
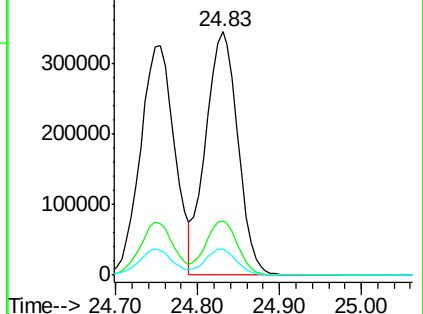
125 10.6 5.1 7.7#

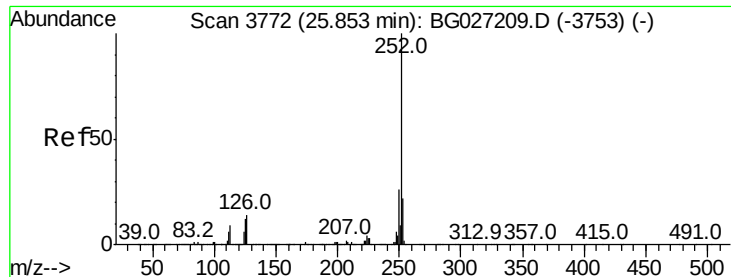


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

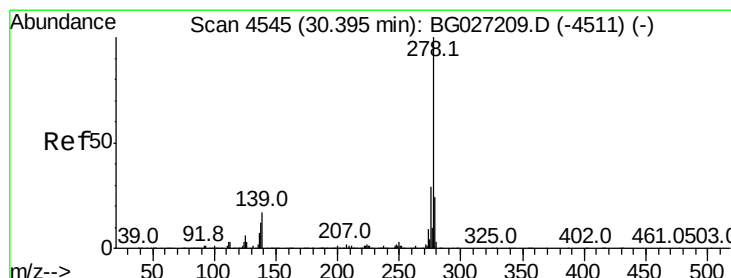
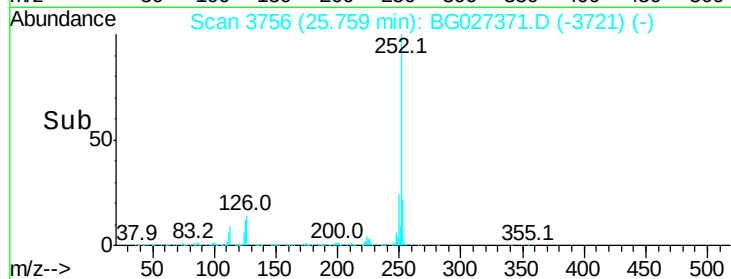
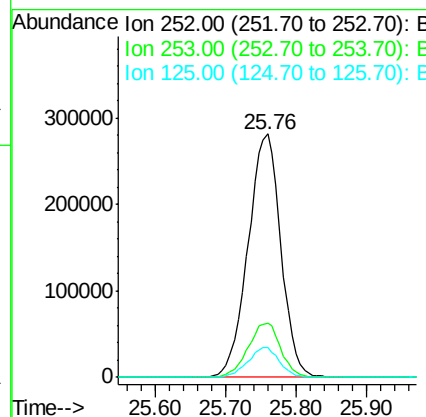
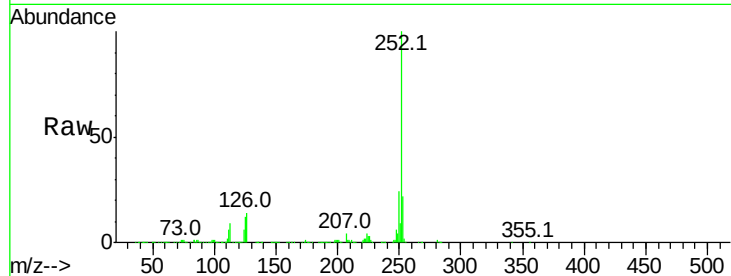




#89
Benzo(a)pyrene
Concen: 40.83 ng
RT: 25.76 min Scan# 3756
Delta R.T. -0.09 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

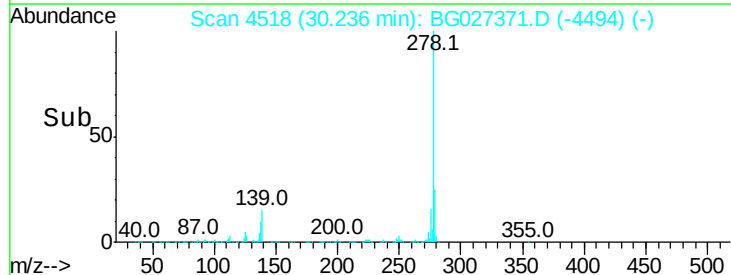
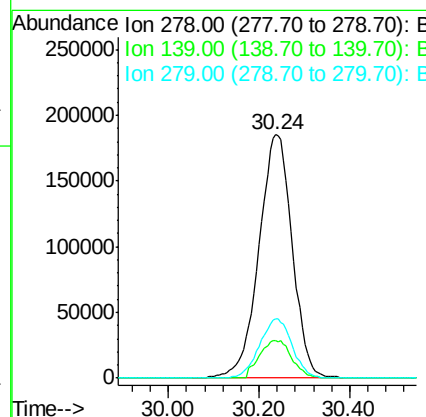
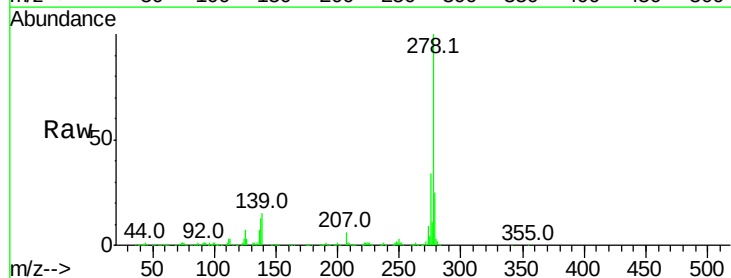
Instrument :
BNA_G
ClientSampleId :

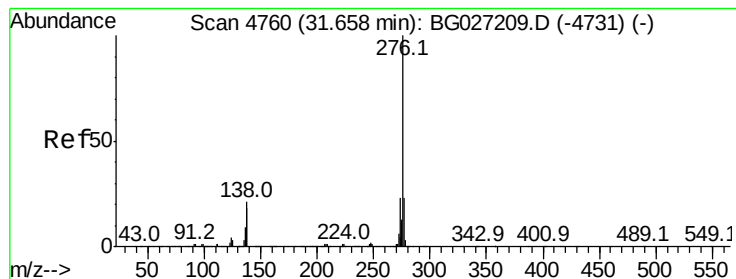
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	12.4	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 40.47 ng
RT: 30.24 min Scan# 4518
Delta R.T. -0.16 min
Lab File: BG027371.D
Acq: 10 Jun 2017 14:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	7.7	11.5
279	24.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 40.01 ng

RT: 31.49 min Scan# 4732

Delta R.T. -0.16 min

Lab File: BG027371.D

Acq: 10 Jun 2017 14:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 903585

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 20.9 8.1 12.1#

