

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027378.D
 Acq On : 12 Jun 2017 16:50
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:51:47 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	53842	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	248323	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	148158	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	360654	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	445796	20.00	ng	-0.06
86) Perylene-d12	25.93	264	413137	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	315579	89.44	ng	-0.03
7) Phenol-d6	7.68	99	452187	87.31	ng	-0.02
23) Nitrobenzene-d5	9.71	82	377424	95.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.61	330	185345	95.00	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	873352	82.47	ng	-0.04
78) Terphenyl-d14	20.45	244	1467107	83.95	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	68487	46.81	ng	# 84
3) Pyridine	4.54	79	209920	46.55	ng	# 79
4) n-Nitrosodimethylamine	4.45	42	78926	47.26	ng	# 47
6) Aniline	7.87	93	262283	40.21	ng	97
8) 2-Chlorophenol	8.11	128	155856	41.83	ng	95
9) Benzaldehyde	7.69	77	137882	38.50	ng	90
10) Phenol	7.71	94	233858	44.15	ng	79
11) bis(2-Chloroethyl)ether	7.95	93	185938	42.79	ng	89
12) 1,3-Dichlorobenzene	8.43	146	171727	40.87	ng	94
13) 1,4-Dichlorobenzene	8.58	146	174289	40.41	ng	98
14) 1,2-Dichlorobenzene	8.90	146	168454	40.05	ng	94
15) Benzyl Alcohol	8.77	79	137306	37.63	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.05	45	300015	48.25	ng	95
17) 2-Methylphenol	8.96	107	152251	40.67	ng	# 87
18) Hexachloroethane	9.63	117	62691	43.15	ng	87
19) n-Nitroso-di-n-propylamine	9.33	70	160073	44.18	ng	# 87
20) 3+4-Methylphenols	9.28	107	214689	41.40	ng	87
22) Acetophenone	9.36	105	274123	43.17	ng	# 86
24) Nitrobenzene	9.75	77	213654	47.49	ng	# 90
25) Isophorone	10.27	82	415689	44.77	ng	# 96
26) 2-Nitrophenol	10.46	139	72046	40.22	ng	# 81
27) 2,4-Dimethylphenol	10.50	122	163509	40.96	ng	95
28) bis(2-Chloroethoxy)methane	10.74	93	253630	42.19	ng	99
29) 2,4-Dichlorophenol	10.99	162	149365	40.98	ng	98
30) 1,2,4-Trichlorobenzene	11.21	180	162062	40.16	ng	99
31) Naphthalene	11.41	128	548145	40.39	ng	100
32) Benzoic acid	10.61	122	91639	35.66	ng	91
33) 4-Chloroaniline	11.51	127	223048	39.44	ng	92
34) Hexachlorobutadiene	11.68	225	101880	41.08	ng	97
35) Caprolactam	12.28	113	61579	49.27	ng	94
36) 4-Chloro-3-methylphenol	12.58	107	192944	42.24	ng	94
37) 2-Methylnaphthalene	12.98	142	381990	38.59	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	190768	41.33	ng	99
40) Hexachlorocyclopentadiene	13.31	237	101210	41.20	ng	96

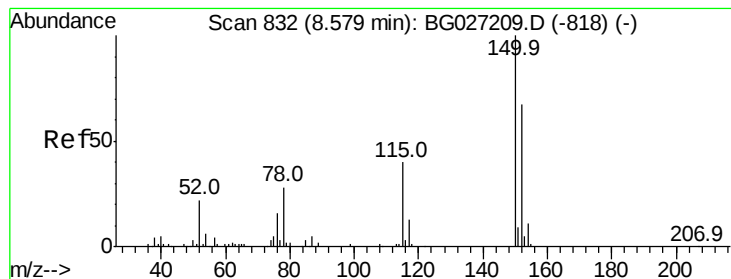
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027378.D
 Acq On : 12 Jun 2017 16:50
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Quant Time: Jun 13 03:51:47 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : 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	120971	43.21	nq	98
43) 2,4,5-Trichlorophenol	13.63	196	139552	44.55	nq	96
45) 1,1'-Biphenyl	13.96	154	495266	40.95	nq	96
46) 2-Chloronaphthalene	14.01	162	380246	41.94	nq	98
47) 2-Nitroaniline	14.20	65	130022	50.08	nq	# 85
48) Acenaphthylene	14.85	152	654183	42.63	nq	97
49) Dimethylphthalate	14.56	163	492641	41.92	nq	98
50) 2,6-Dinitrotoluene	14.69	165	99053	42.25	nq	# 83
51) Acenaphthene	15.19	154	421306	42.21	nq	99
52) 3-Nitroaniline	15.02	138	107622	43.57	nq	95
53) 2,4-Dinitrophenol	15.21	184	49129	51.49	nq	# 86
54) Dibenzofuran	15.51	168	572005	41.01	nq	95
55) 4-Nitrophenol	15.30	139	93773	45.13	nq	# 61
56) 2,4-Dinitrotoluene	15.47	165	133217	44.25	nq	# 92
57) Fluorene	16.17	166	521631	42.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.74	232	121495	43.45	nq	97
59) Diethylphthalate	15.91	149	515789	44.00	nq	98
60) 4-Chlorophenyl-phenylether	16.15	204	260634	41.77	nq	95
61) 4-Nitroaniline	16.18	138	123010	48.47	nq	# 69
62) Azobenzene	16.44	77	523330	48.17	nq	90
64) 4,6-Dinitro-2-methylphenol	16.23	198	71018	45.31	nq	88
65) n-Nitrosodiphenylamine	16.36	169	453957	40.15	nq	98
66) 4-Bromophenyl-phenylether	17.05	248	169219	39.64	nq	95
67) Hexachlorobenzene	17.17	284	186182	40.55	nq	90
68) Atrazine	17.29	200	142542	37.70	nq	98
69) Pentachlorophenol	17.51	266	114106	42.40	nq	97
70) Phenanthrene	17.92	178	821515	40.49	nq	95
71) Anthracene	18.01	178	842007	41.42	nq	98
72) Carbazole	18.27	167	836956	43.65	nq	96
73) Di-n-butylphthalate	18.80	149	923476	49.67	nq	# 93
74) Fluoranthene	19.90	202	1002931	46.27	nq	93
76) Benzidine	20.09	184	46834	3.49	nq	98
77) Pyrene	20.27	202	1034242	38.40	nq	97
79) Butylbenzylphthalate	21.15	149	411029	43.19	nq	94
80) Benzo(a)anthracene	22.23	228	1063091	41.82	nq	96
81) 3,3'-Dichlorobenzidine	22.12	252	371525	37.56	nq	# 97
82) Chrysene	22.31	228	1002095	41.06	nq	96
83) Bis(2-ethylhexyl)phthalate	22.09	149	597669	41.55	nq	99
84) Di-n-octyl phthalate	23.46	149	1008694	42.34	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.16	276	1242221	42.02	nq	# 94
87) Benzo(b)fluoranthene	24.75	252	1076246	42.00	nq	# 96
88) Benzo(k)fluoranthene	24.83	252	1075358	42.78	nq	# 93
89) Benzo(a)pyrene	25.75	252	1016925	42.16	nq	# 94
90) Dibenzo(a,h)anthracene	30.23	278	1081241	42.82	nq	# 95
91) Benzo(g,h,i)perylene	31.49	276	1034266	42.30	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 827

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

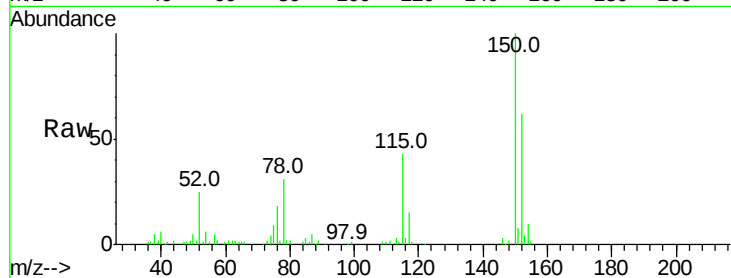
Tot Ion:152 Resp: 53842

Ion Ratio Lower Upper

152 100

150 160.7 114.0 171.0

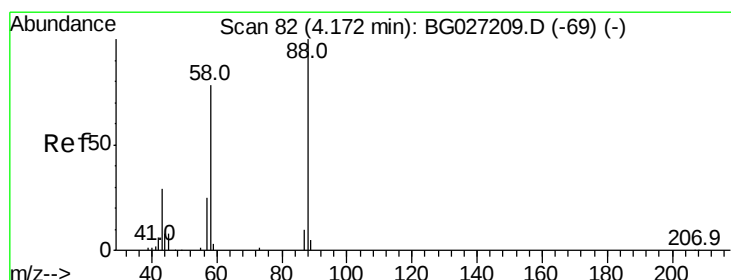
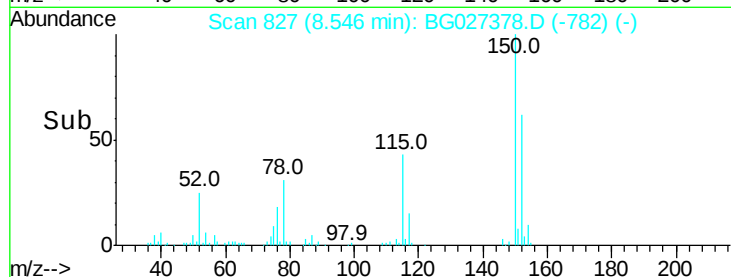
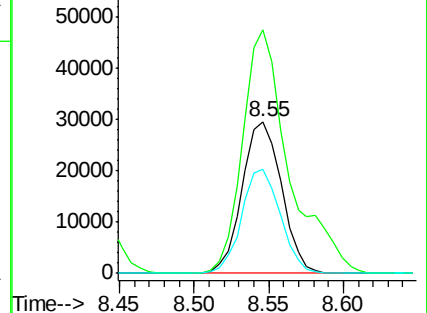
115 68.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.81 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.02 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

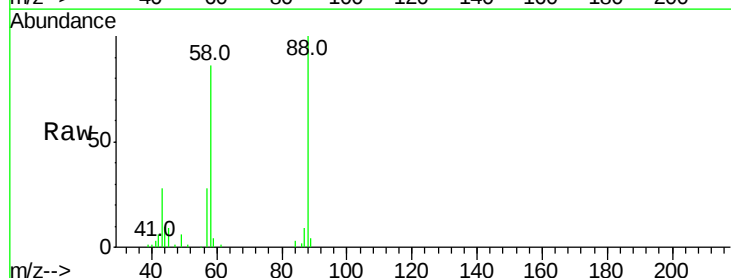
Tgt Ion: 88 Resp: 68487

Ion Ratio Lower Upper

88 100

58 86.1 79.4 119.2

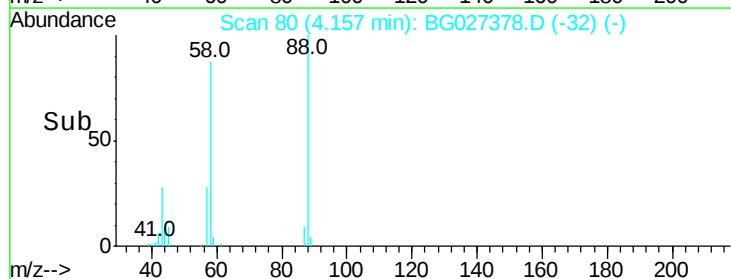
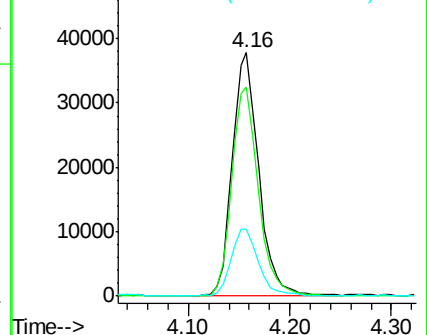
43 28.5 33.8 50.6#



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: 46.55 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

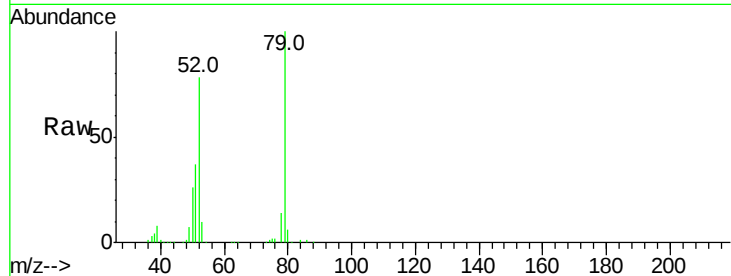
Tot Ion: 79 Resp: 209920

Ion Ratio Lower Upper

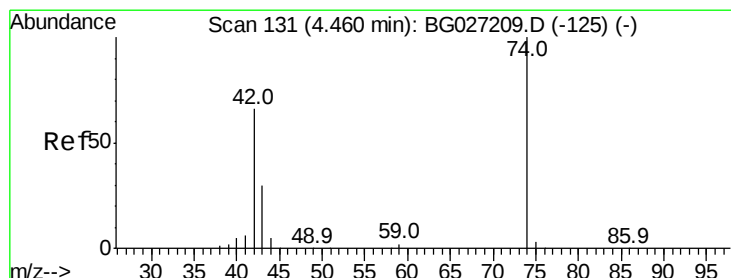
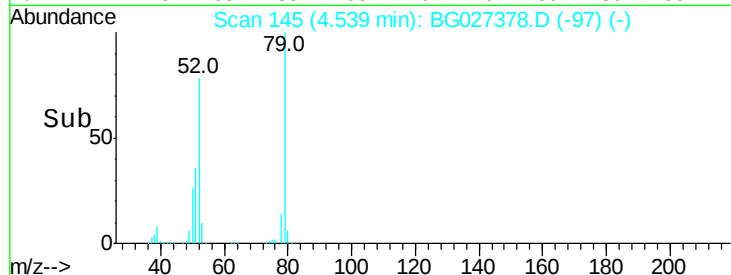
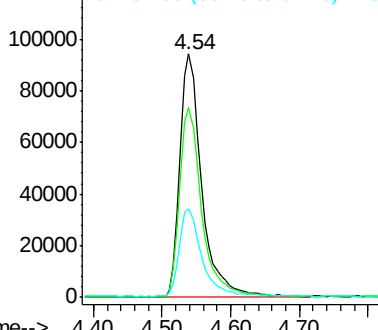
79 100

52 77.8 77.8 116.6

51 36.5 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: 47.26 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

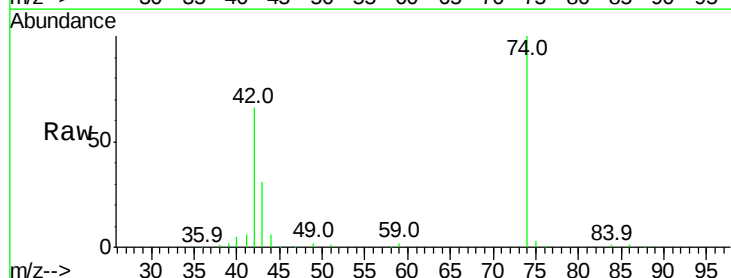
Tgt Ion: 42 Resp: 78926

Ion Ratio Lower Upper

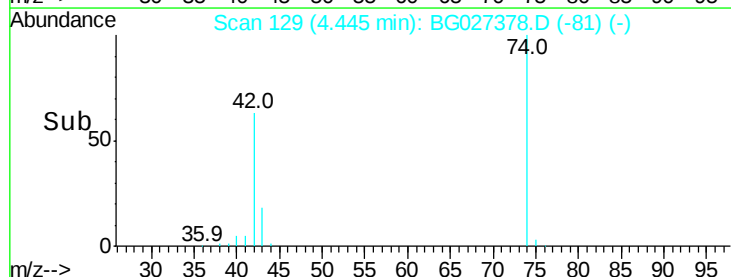
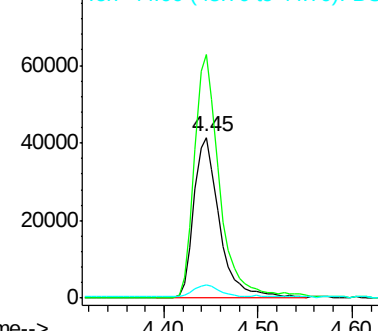
42 100

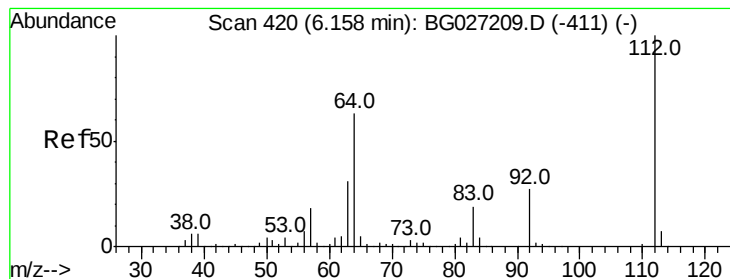
74 151.2 76.7 115.1#

44 8.5 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: 89.44 ng

RT: 6.13 min Scan# 416

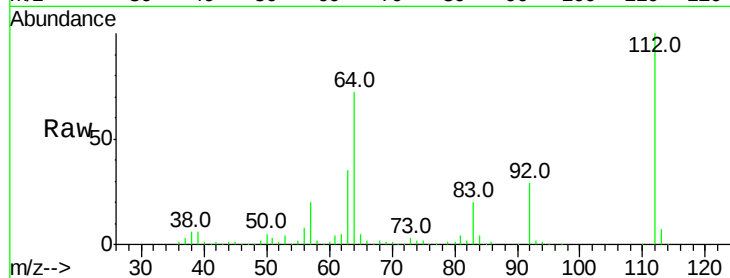
Delta R.T. -0.03 min

Lab File: BG027378.D

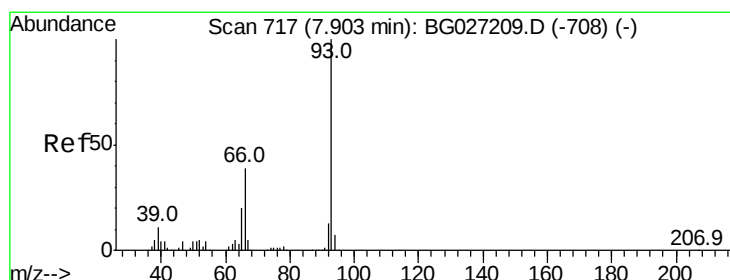
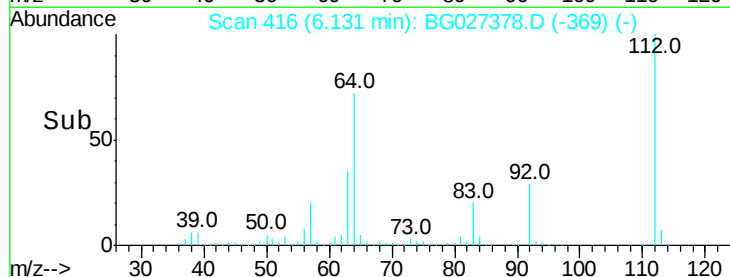
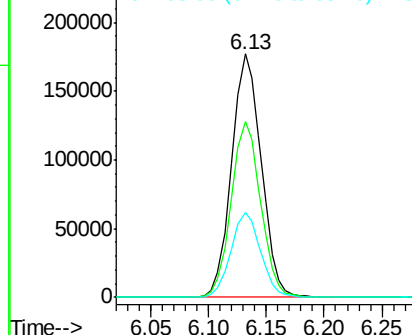
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:	112	Resp:	315579
Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.8	92.6
63	35.0	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.21 ng

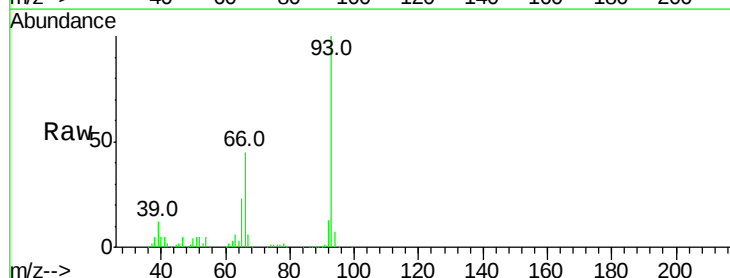
RT: 7.87 min Scan# 712

Delta R.T. -0.03 min

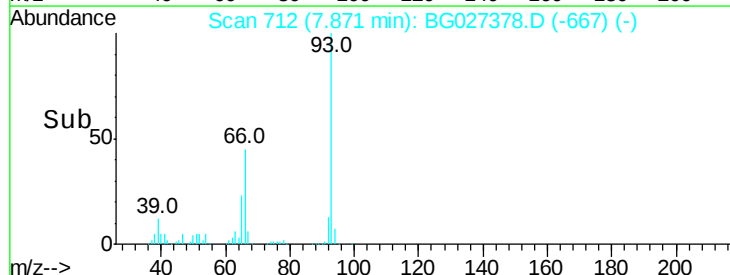
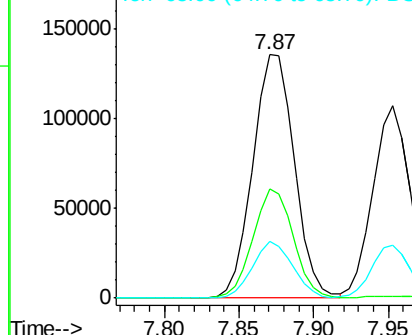
Lab File: BG027378.D

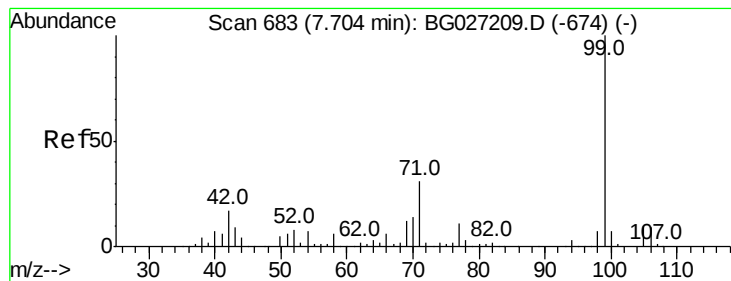
Acq: 12 Jun 2017 16:50

Tgt Ion:	93	Resp:	262283
Ion	Ratio	Lower	Upper
93	100		
66	44.8	35.4	53.2
65	23.5	21.2	31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.31 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

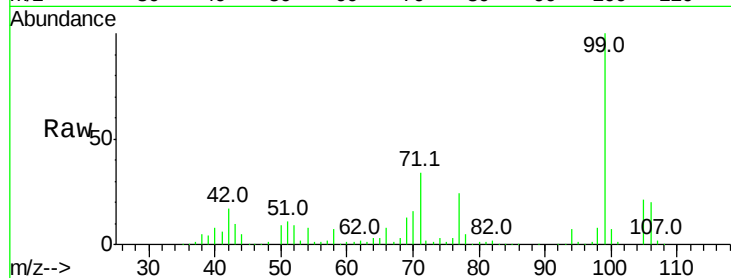
Tot Ion: 99 Resp: 452187

Ion Ratio Lower Upper

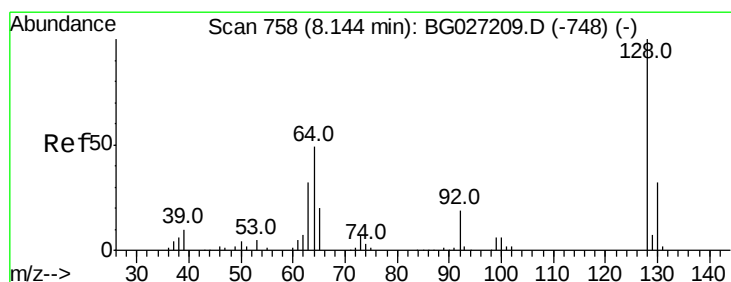
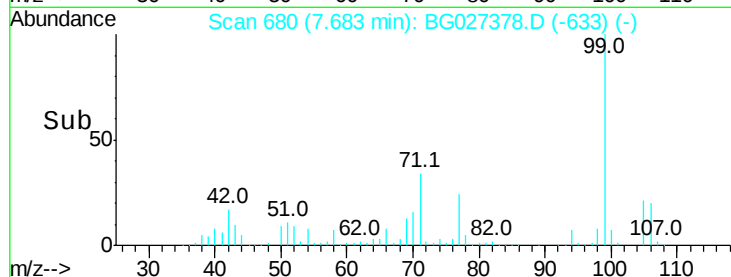
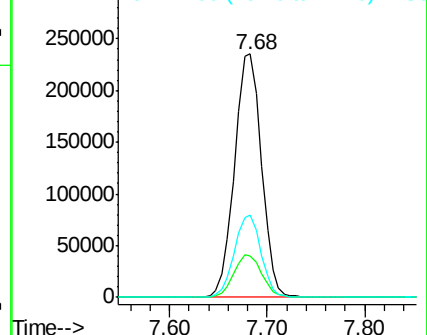
99 100

42 16.9 20.5 30.7#

71 33.6 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: 41.83 ng

RT: 8.11 min Scan# 753

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

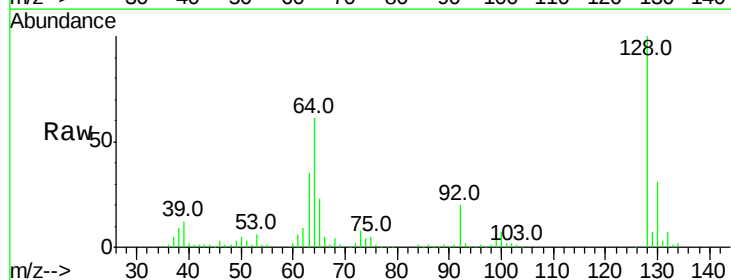
Tgt Ion: 128 Resp: 155856

Ion Ratio Lower Upper

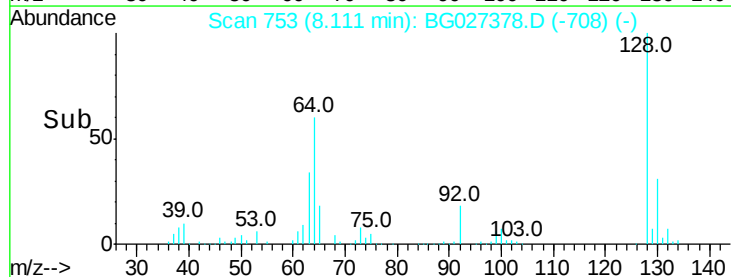
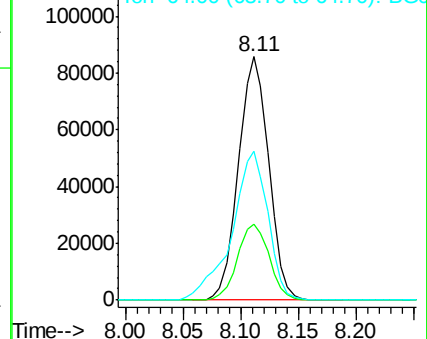
128 100

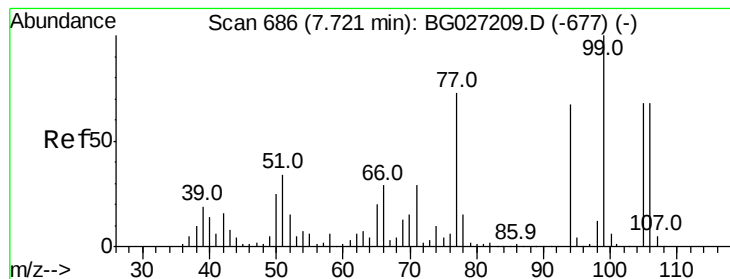
130 31.2 11.4 51.4

64 61.1 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: 38.50 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampled :

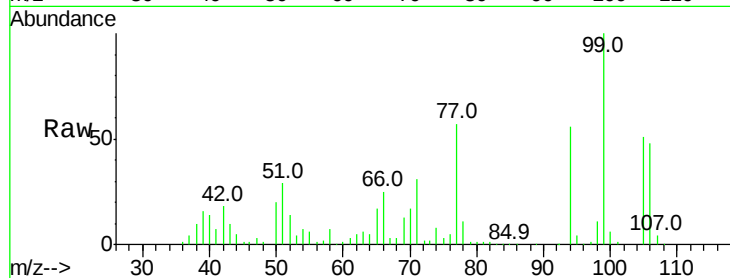
Tot Ion: 77 Resp: 137882

Ion Ratio Lower Upper

77 100

105 89.7 60.9 100.9

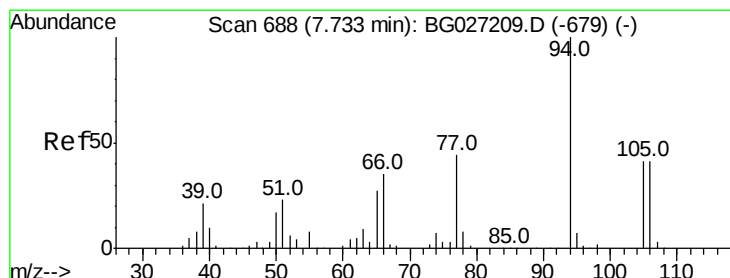
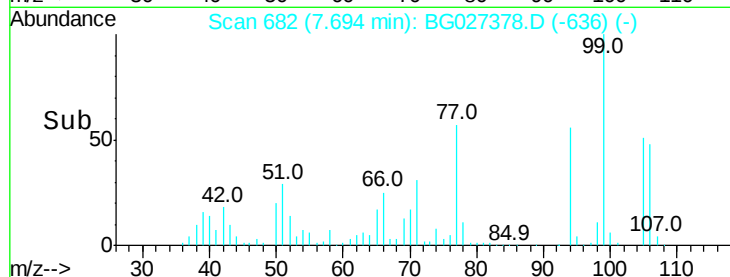
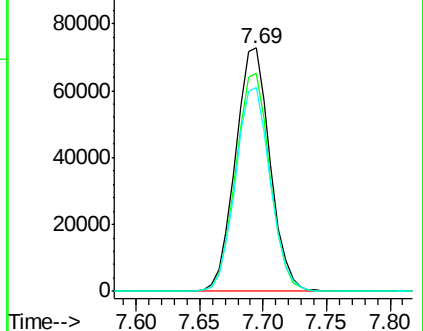
106 83.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.15 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

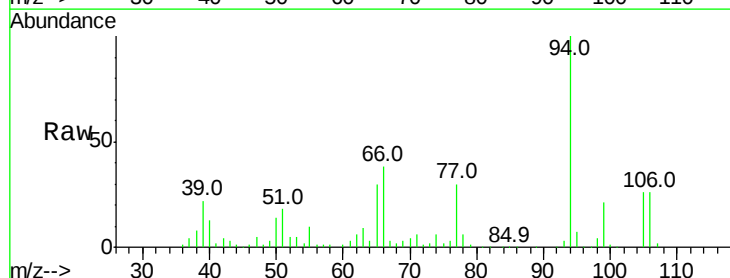
Tgt Ion: 94 Resp: 233858

Ion Ratio Lower Upper

94 100

65 30.3 20.6 60.6

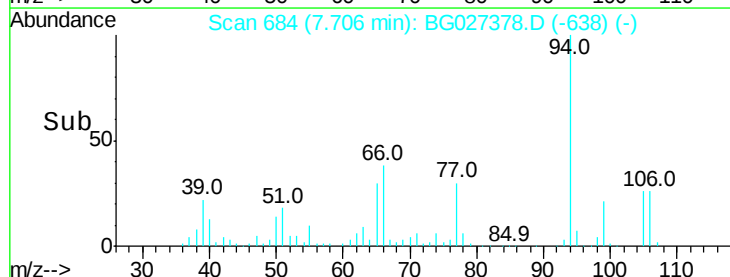
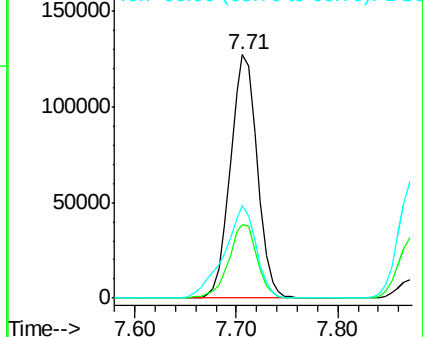
66 38.2 35.5 75.5

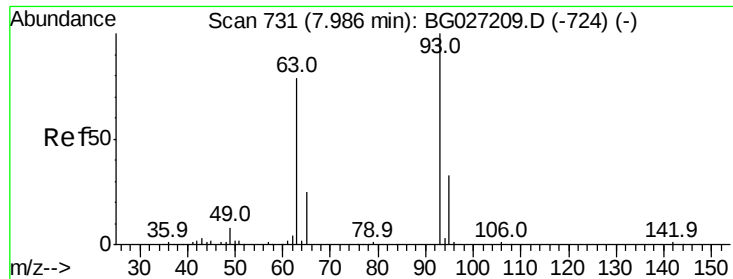


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

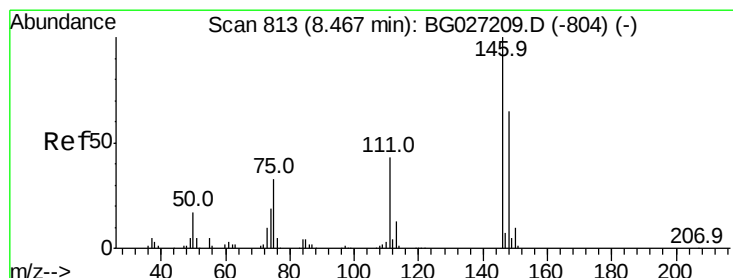
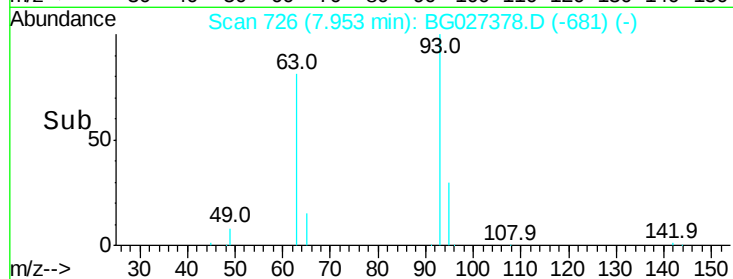
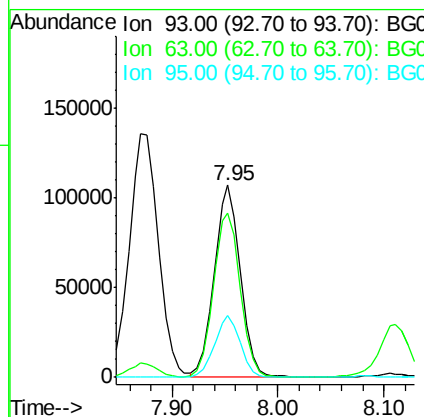
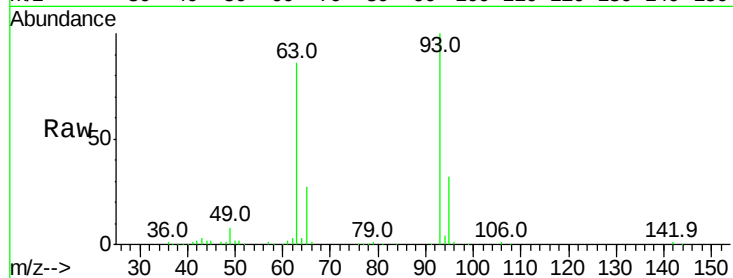




#11
 bis(2-Chloroethyl)ether
 Concen: 42.79 ng
 RT: 7.95 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

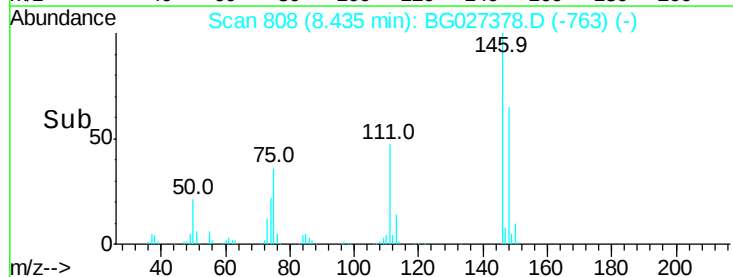
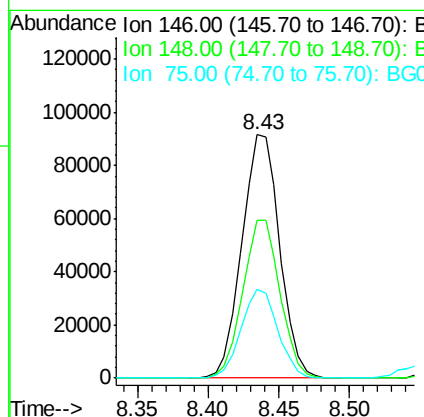
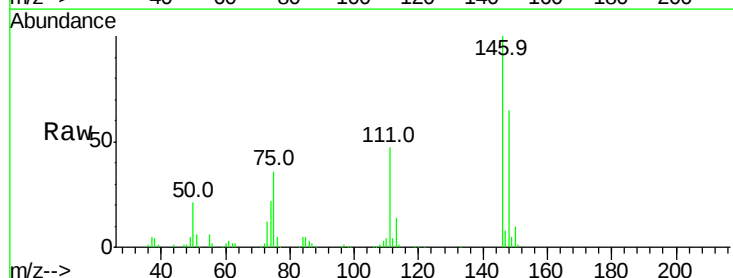
Instrument :
 BNA_G
 ClientSampled :

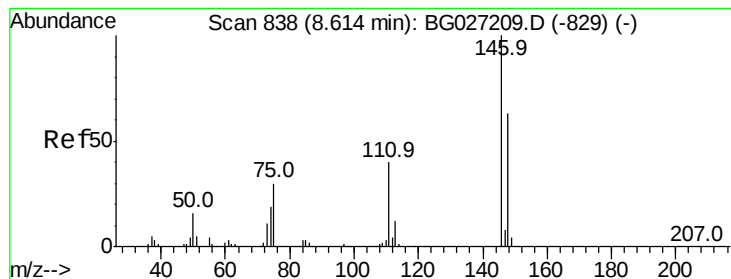
Tot Ion: 93 Resp: 185938
 Ion Ratio Lower Upper
 93 100
 63 85.9 78.5 118.5
 95 32.2 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 40.87 ng
 RT: 8.43 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion: 146 Resp: 171727
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.2 73.8
 75 36.3 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 40.41 ng

RT: 8.58 min Scan# 833

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampled :

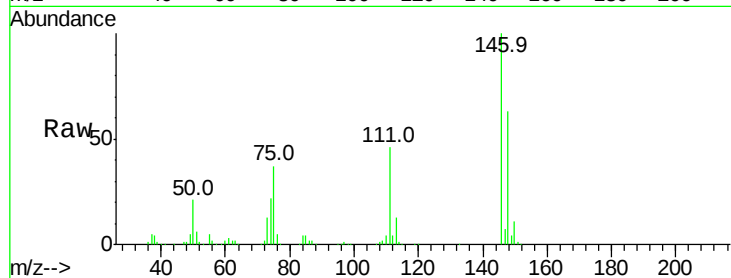
Tot Ion:146 Resp: 174289

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

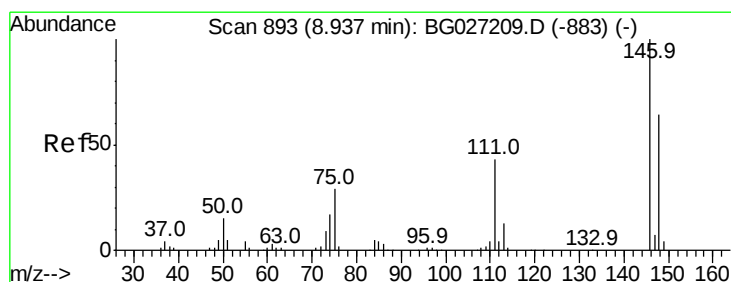
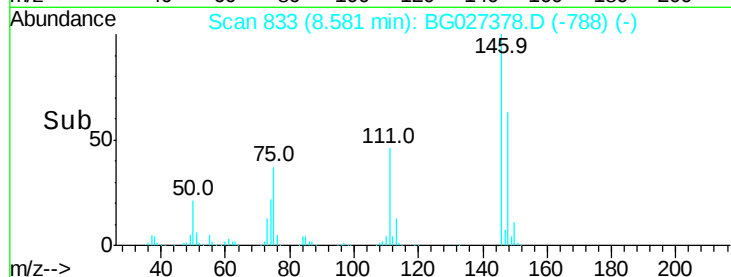
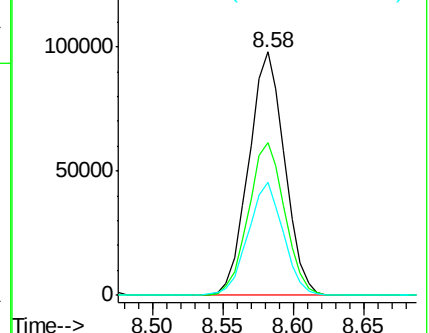
111 46.4 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.05 ng

RT: 8.90 min Scan# 888

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

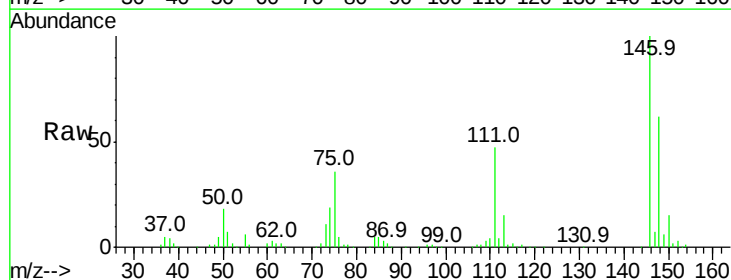
Tgt Ion:146 Resp: 168454

Ion Ratio Lower Upper

146 100

148 61.7 54.6 81.8

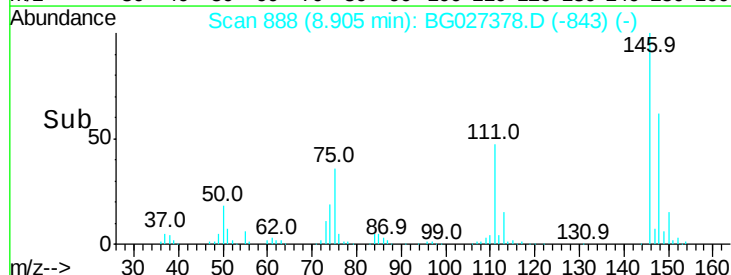
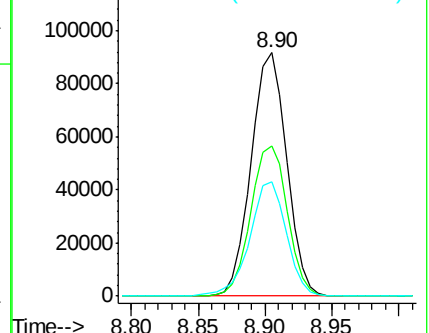
111 46.9 39.7 59.5

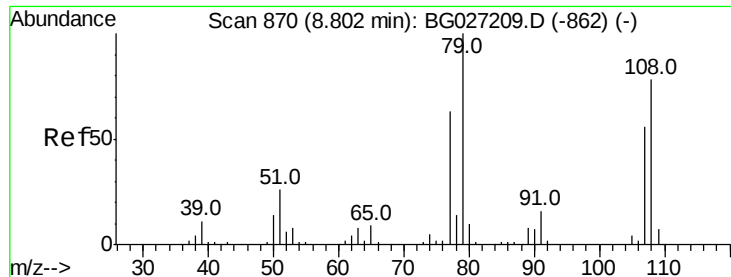


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.63 ng

RT: 8.77 min Scan# 865

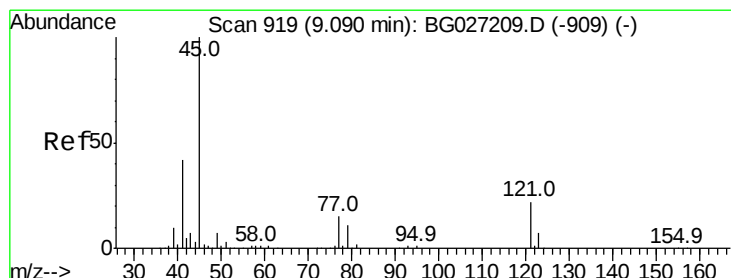
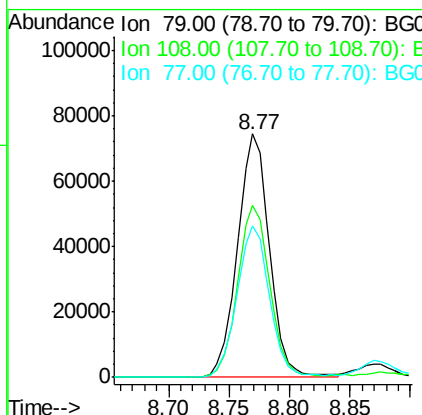
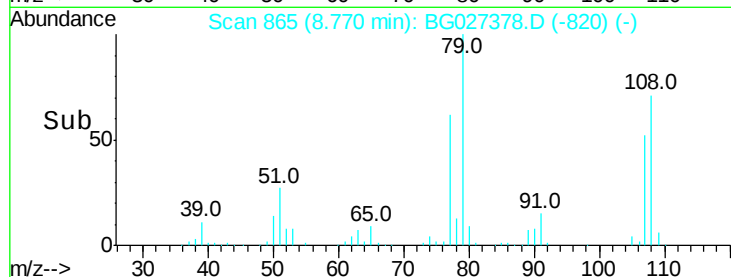
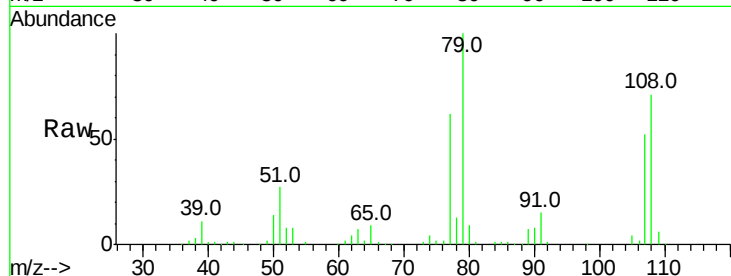
Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	137306
Ion	Ratio	Lower	Upper
79	100		
108	70.7	45.5	68.3#
77	62.3	54.3	81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.25 ng

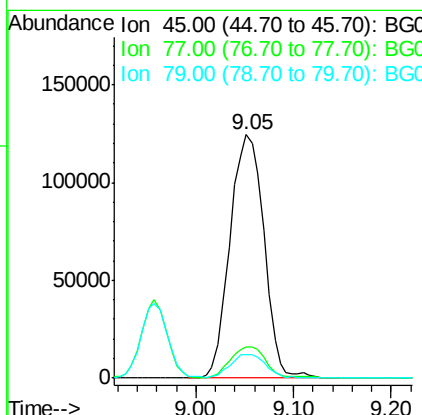
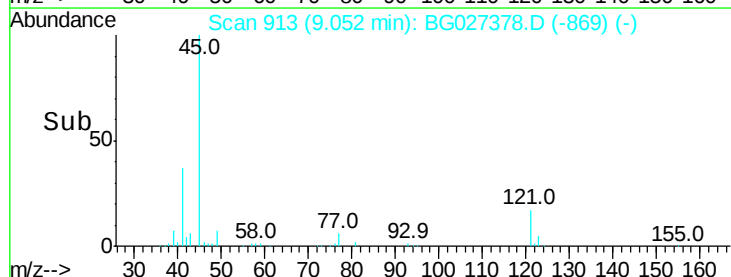
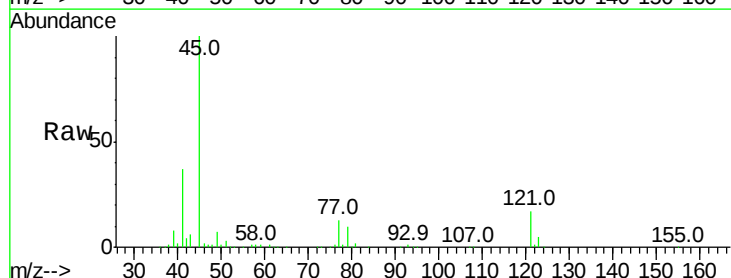
RT: 9.05 min Scan# 913

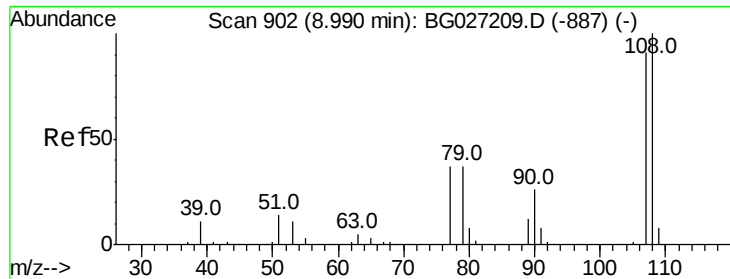
Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:	45	Resp:	300015
Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.6
79	9.5	0.0	28.5





#17

2-Methylphenol

Concen: 40.67 ng

RT: 8.96 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 152251

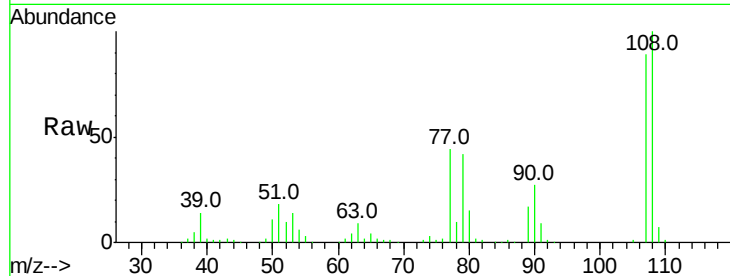
Ion Ratio Lower Upper

107 100

108 111.8 85.6 128.4

77 48.8 51.4 77.2#

79 46.9 49.2 73.8#

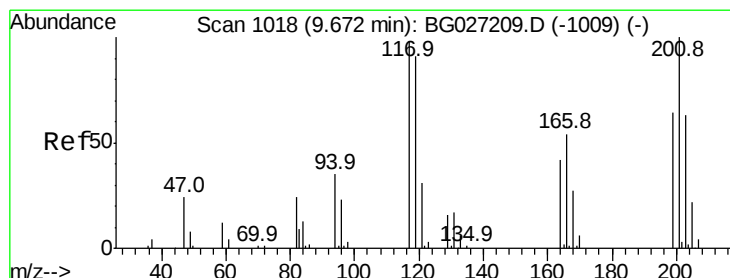
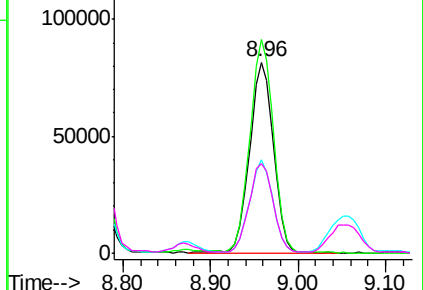
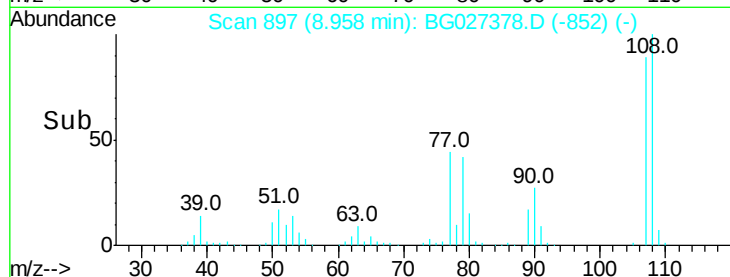


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.15 ng

RT: 9.63 min Scan# 1012

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

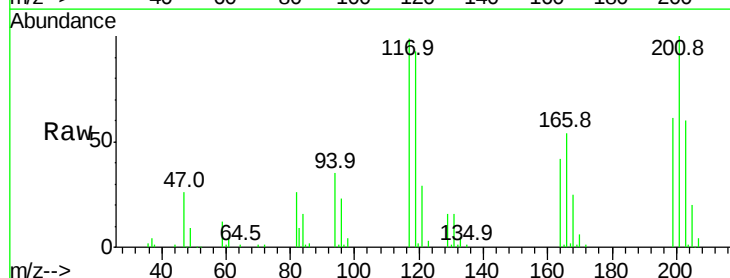
Tgt Ion:117 Resp: 62691

Ion Ratio Lower Upper

117 100

119 93.4 69.8 104.6

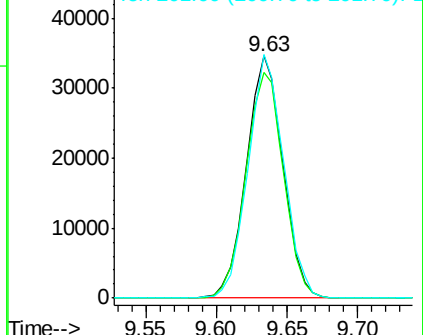
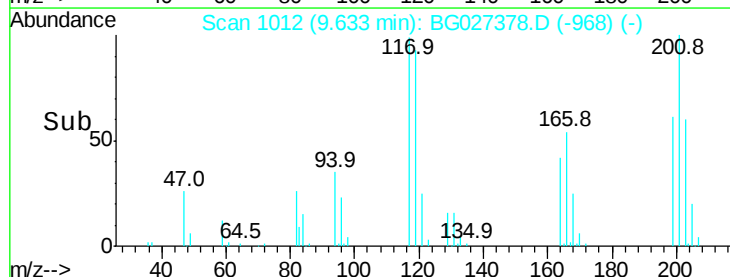
201 100.6 95.4 143.0

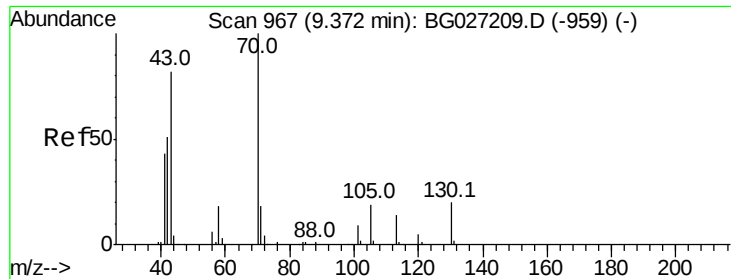


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

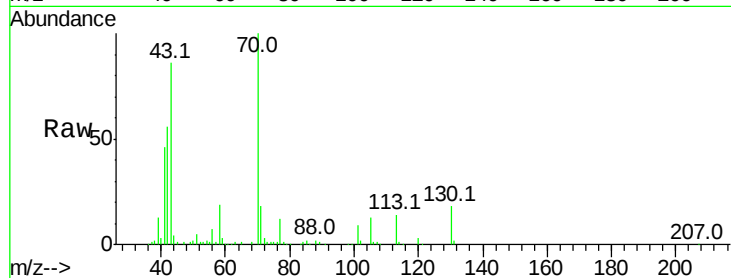




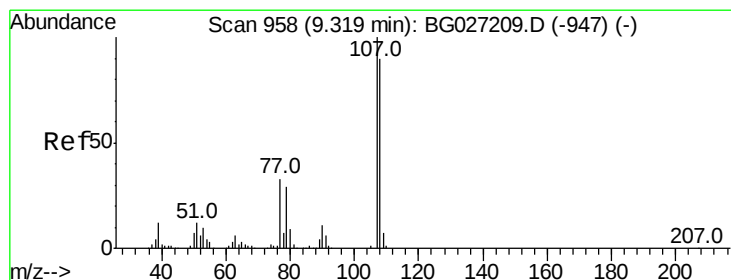
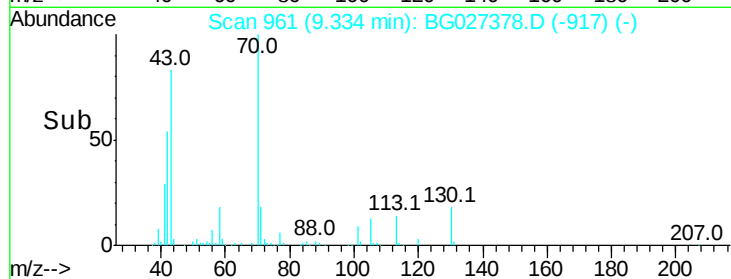
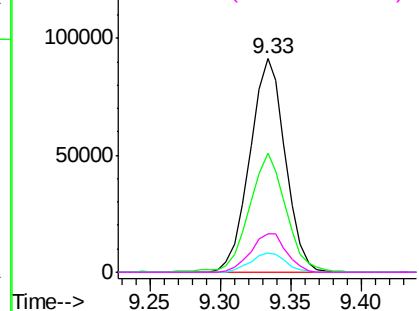
#19
n-Nitroso-di-n-propylamine
Concen: 44.18 ng
RT: 9.33 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 160073
Ion Ratio Lower Upper
70 100
42 55.6 56.1 84.1#
101 8.9 7.5 11.3
130 18.2 14.6 21.8

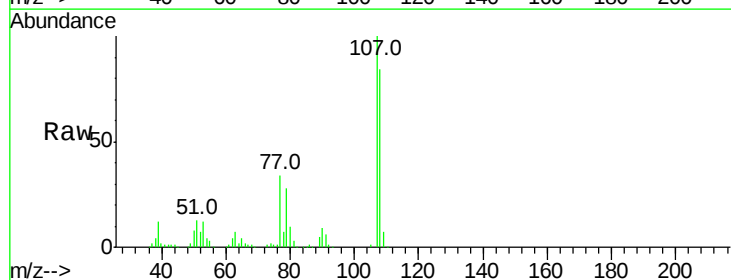


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

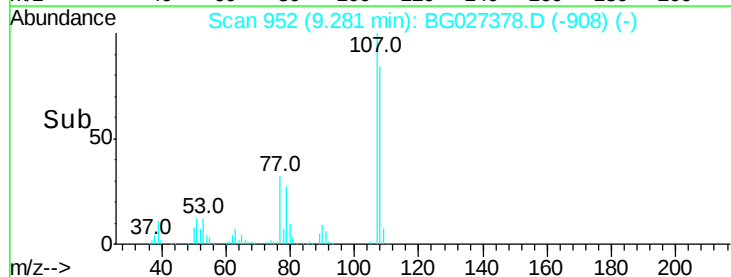
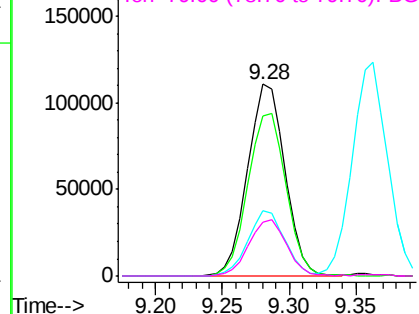


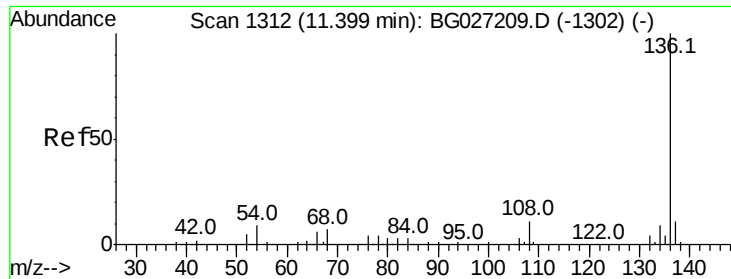
#20
3+4-Methylphenols
Concen: 41.40 ng
RT: 9.28 min Scan# 952
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:107 Resp: 214689
Ion Ratio Lower Upper
107 100
108 83.8 70.8 110.8
77 33.9 25.8 65.8
79 28.1 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

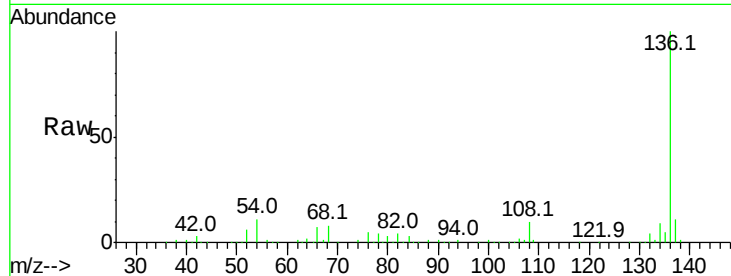




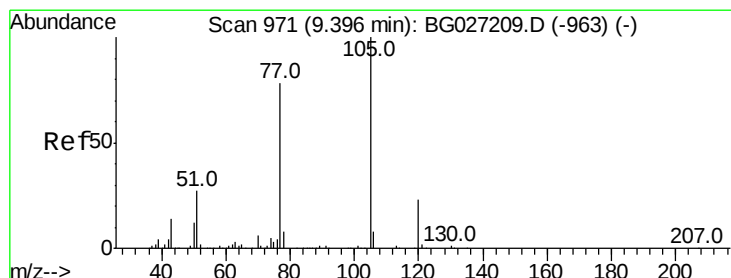
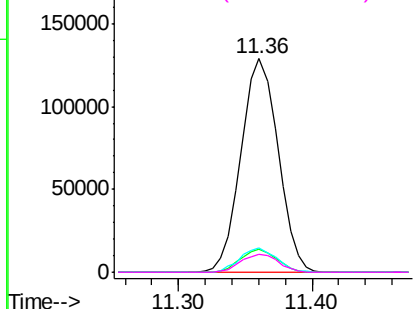
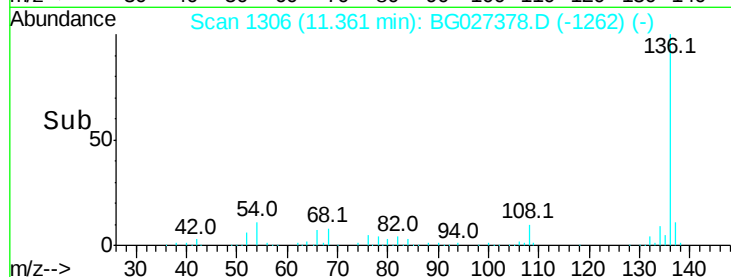
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	248323
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 11.4	9.3	13.9
68 8.3	5.1	7.7#

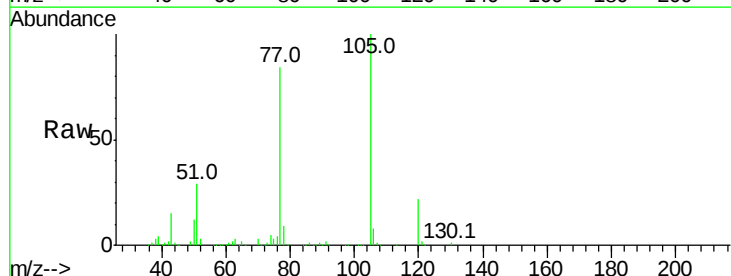


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

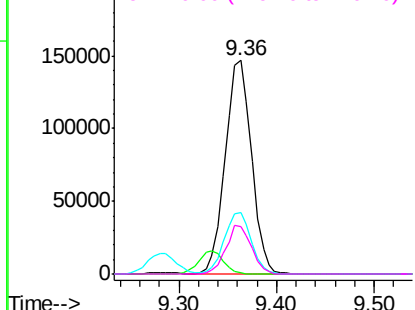
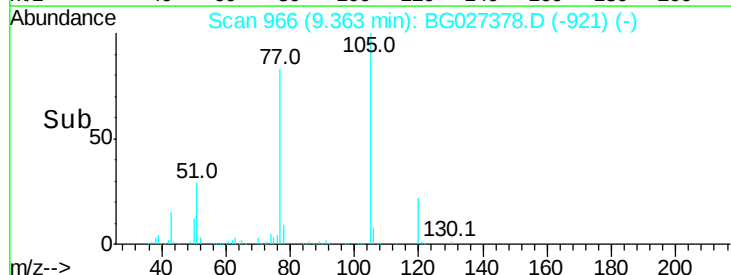


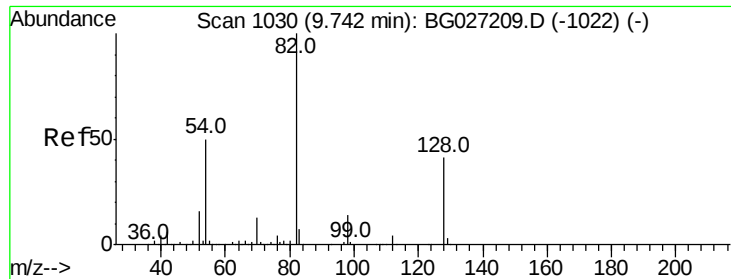
#22
Acetophenone
Concen: 43.17 ng
RT: 9.36 min Scan# 966
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt	Ion:105	Resp:	274123
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	29.0	34.0	51.0#
120	22.2	17.3	25.9



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

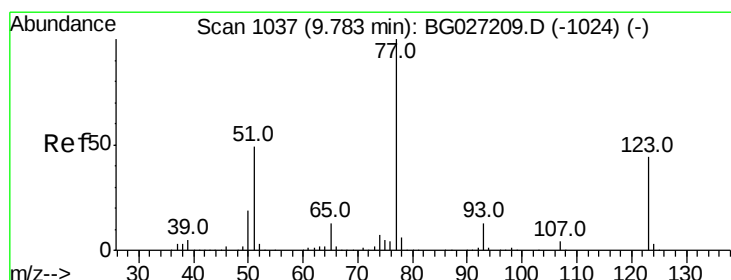
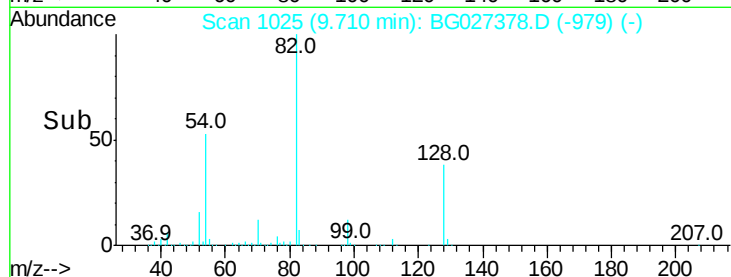
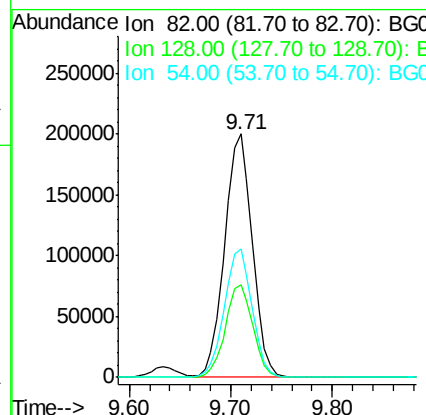
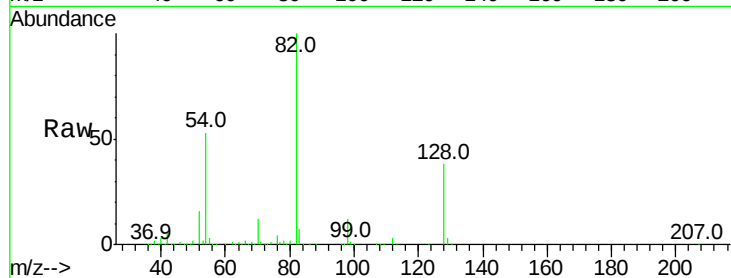




#23
Nitrobenzene-d5
Concen: 95.59 ng
RT: 9.71 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

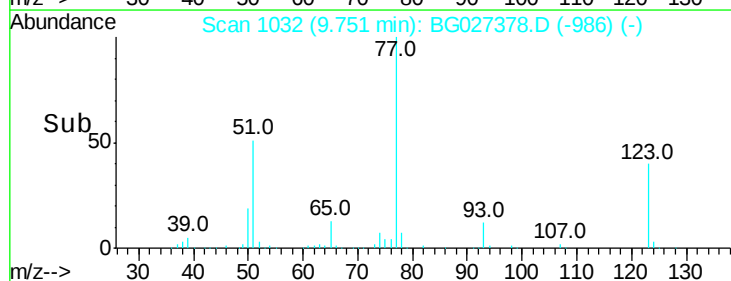
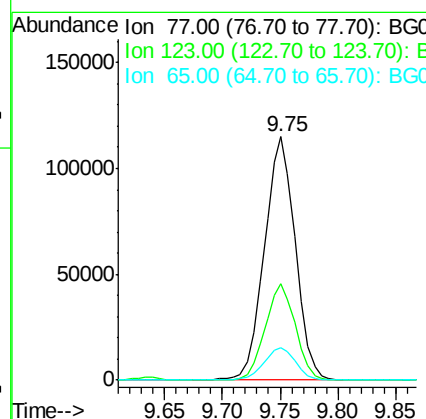
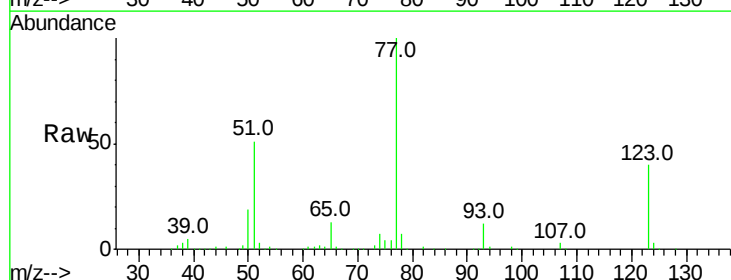
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 377424
Ion Ratio Lower Upper
82 100
128 38.2 26.4 39.6
54 52.7 49.4 74.2



#24
Nitrobenzene
Concen: 47.49 ng
RT: 9.75 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion: 77 Resp: 213654
Ion Ratio Lower Upper
77 100
123 39.7 26.1 39.1#
65 13.3 12.4 18.6





#25

Isophorone

Concen: 44.77 ng

RT: 10.27 min Scan# 1120

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

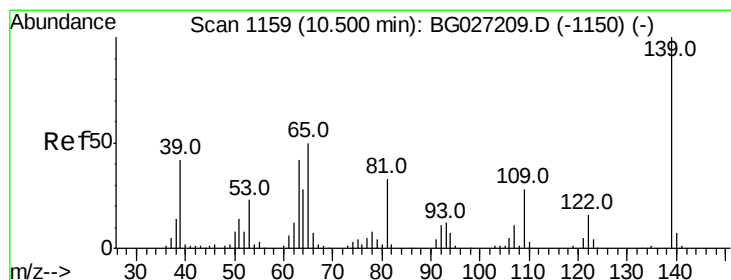
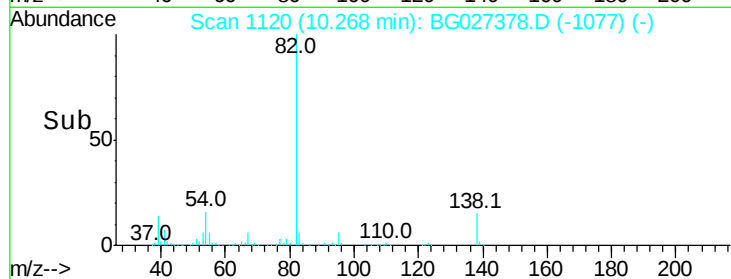
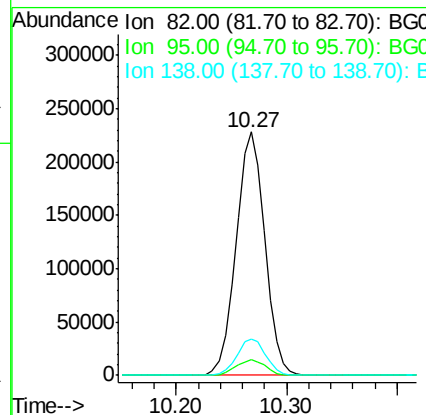
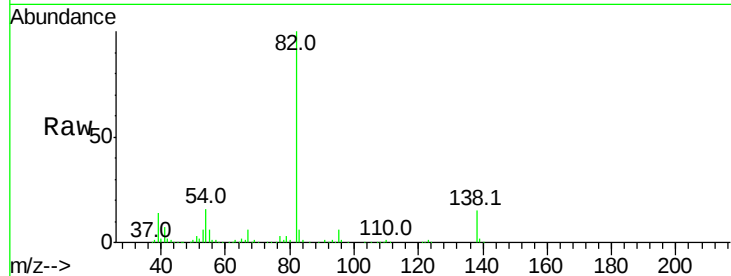
Tot Ion: 82 Resp: 415689

Ion Ratio Lower Upper

82 100

95 6.4 7.5 11.3#

138 14.9 12.3 18.5



#26

2-Nitrophenol

Concen: 40.22 ng

RT: 10.46 min Scan# 1153

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

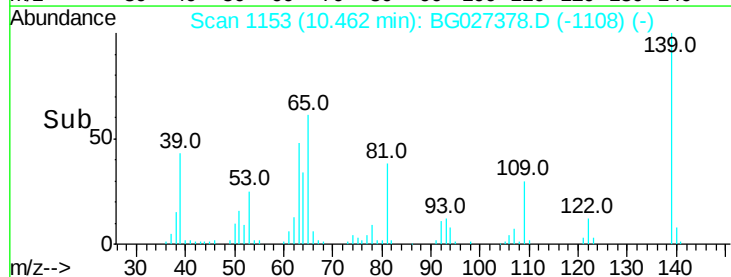
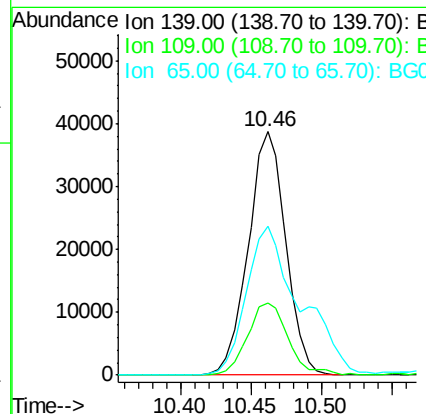
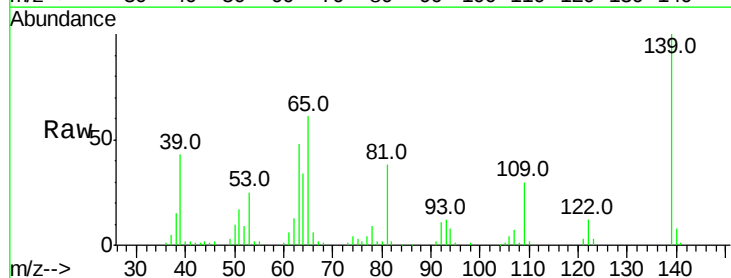
Tgt Ion: 139 Resp: 72046

Ion Ratio Lower Upper

139 100

109 29.7 38.6 58.0#

65 61.1 57.1 85.7

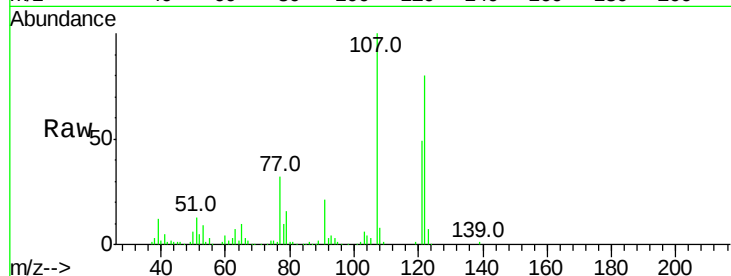




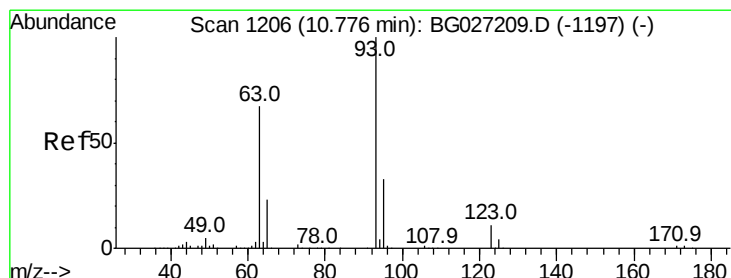
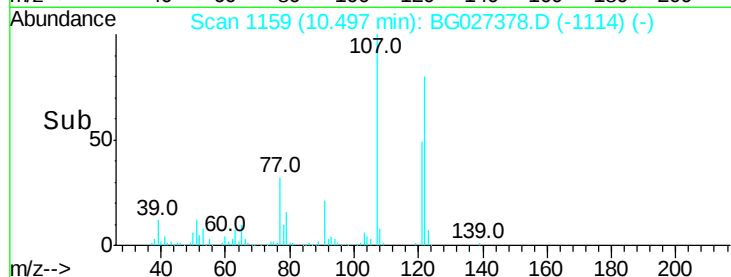
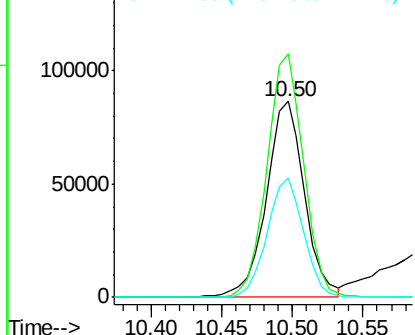
#27
2,4-Dimethylphenol
Concen: 40.96 ng
RT: 10.50 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	104.2	156.4
121	60.8	46.0	69.0

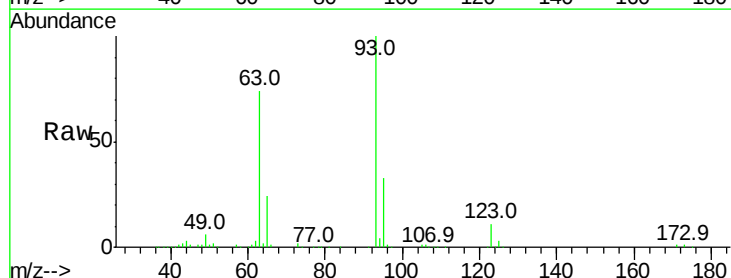


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

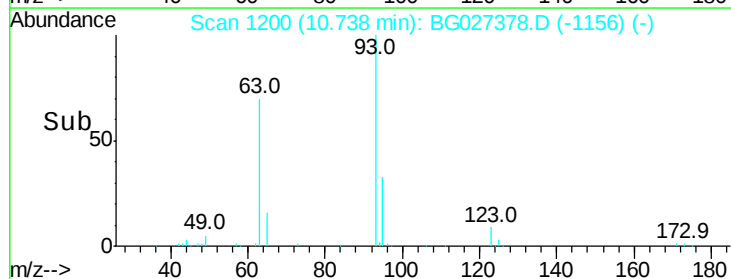
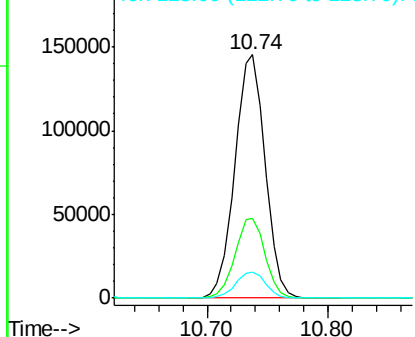


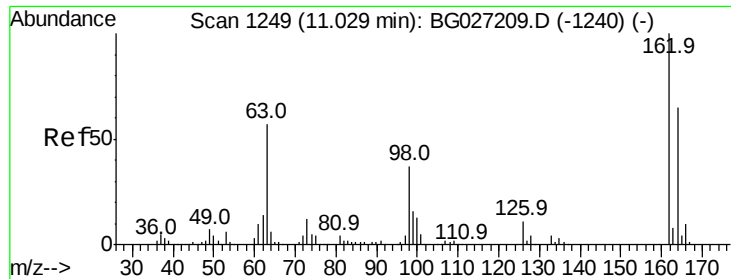
#28
bis(2-Chloroethoxy)methane
Concen: 42.19 ng
RT: 10.74 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	10.7	8.3	12.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

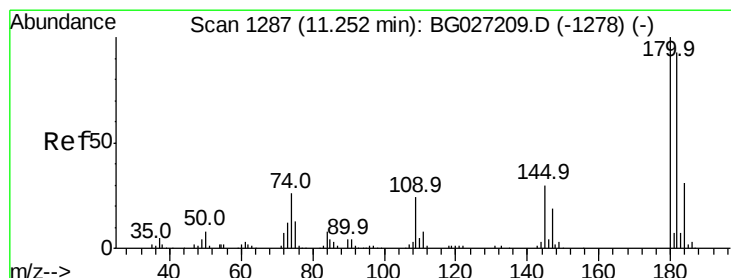
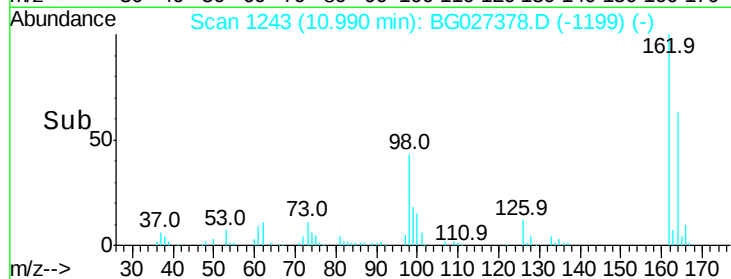
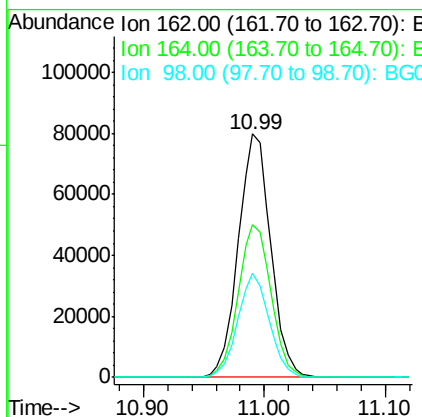
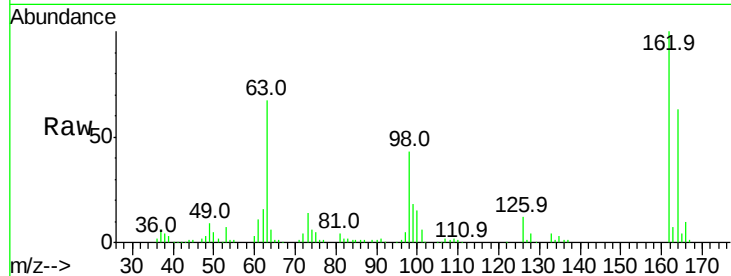




#29
 2,4-Dichlorophenol
 Concen: 40.98 ng
 RT: 10.99 min Scan# 1243
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

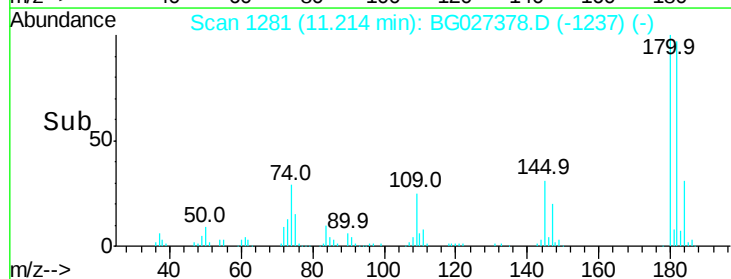
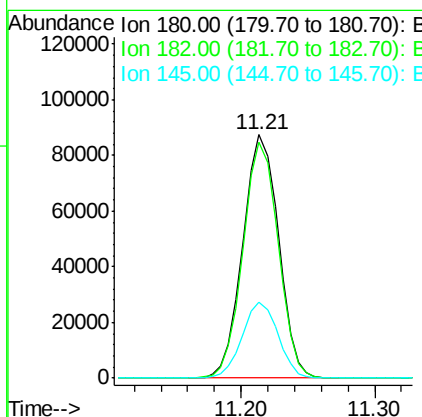
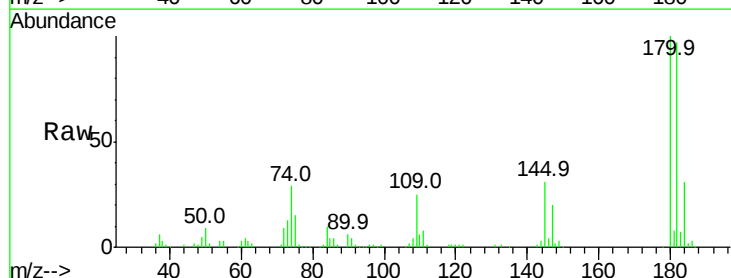
Instrument :
 BNA_G
 ClientSampleId :

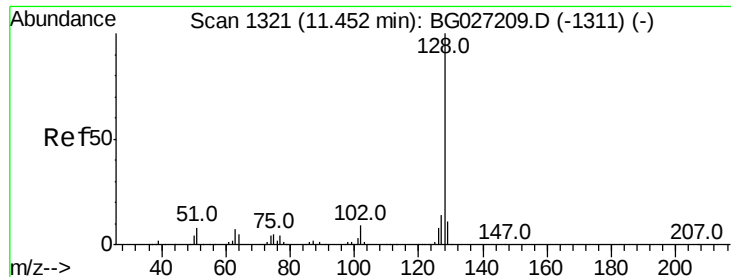
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.4	82.4
98	42.7	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.16 ng
 RT: 11.21 min Scan# 1281
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.4
145	31.0	23.4	35.0

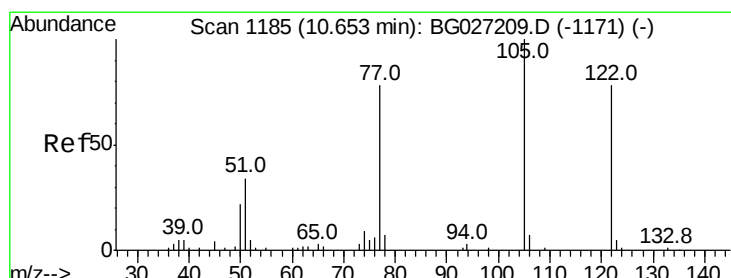
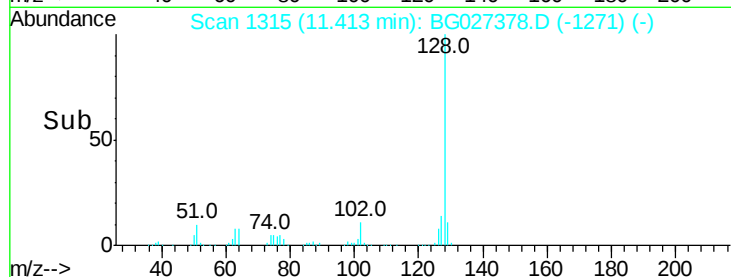
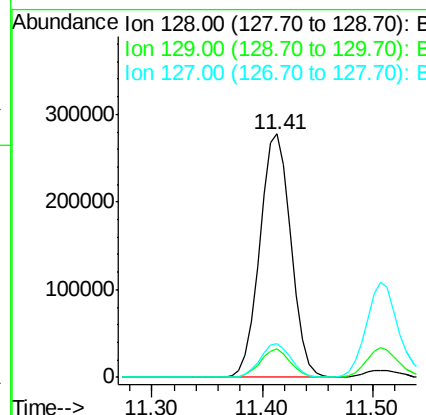
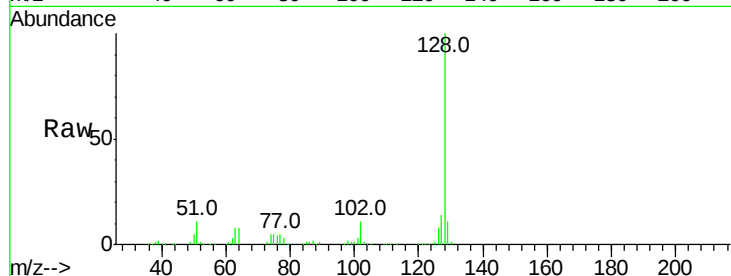




#31
Naphthalene
Concen: 40.39 ng
RT: 11.41 min Scan# 1315
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

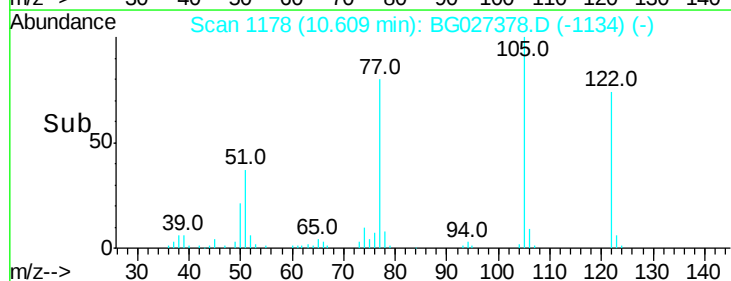
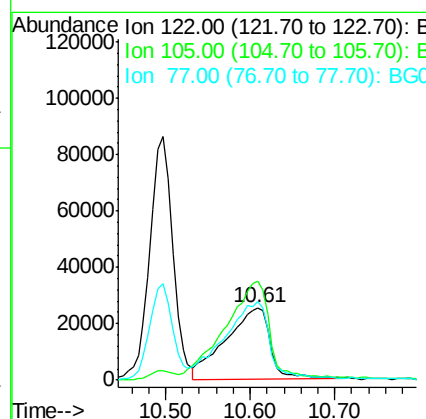
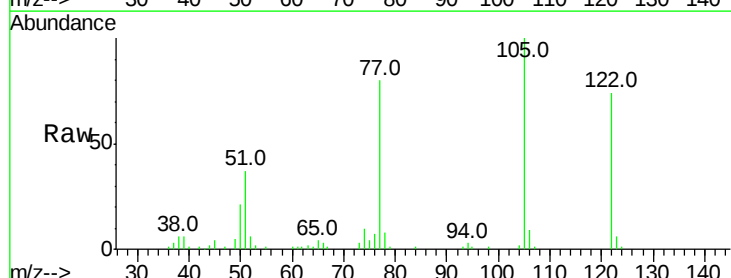
Instrument :
BNA_G
ClientSampleId :

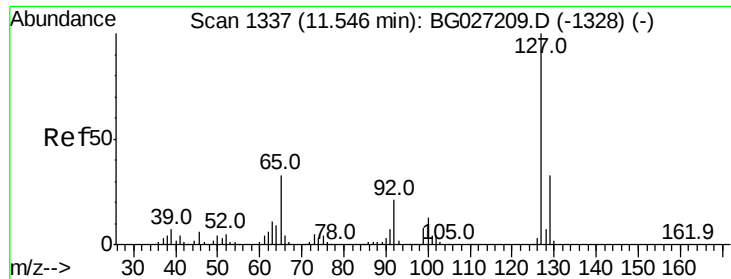
Tot Ion:128 Resp: 548145
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 35.66 ng
RT: 10.61 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:122 Resp: 91639
Ion Ratio Lower Upper
122 100
105 135.7 120.1 160.1
77 107.9 104.6 144.6

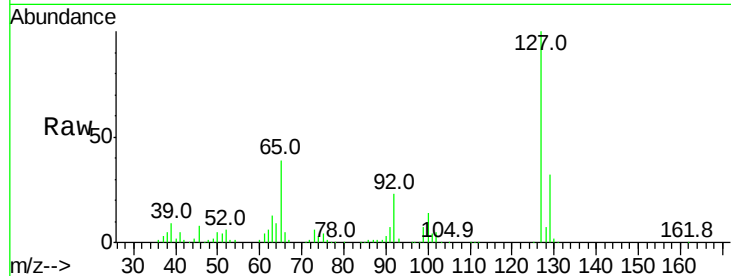




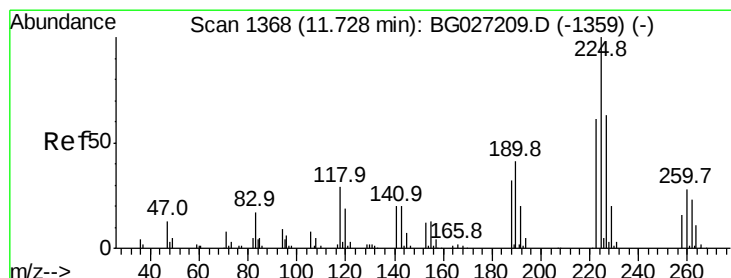
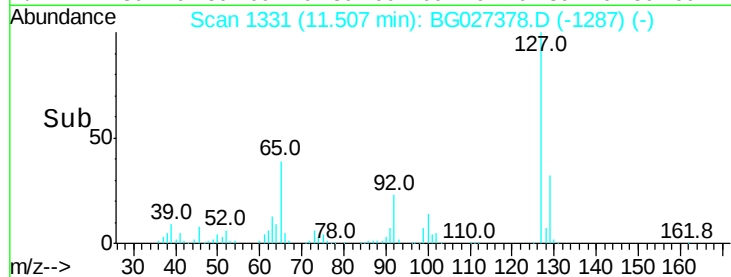
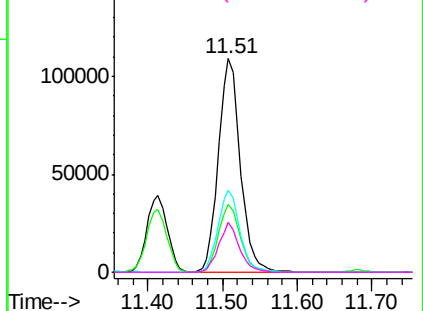
#33
4-Chloroaniline
Concen: 39.44 ng
RT: 11.51 min Scan# 1331
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	223048
Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.6	35.4
65	38.5	37.7	56.5
92	23.2	17.6	26.4

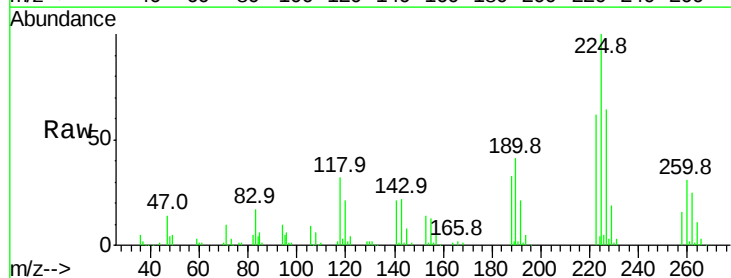


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

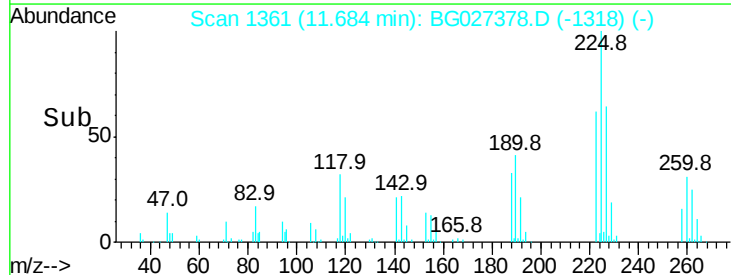
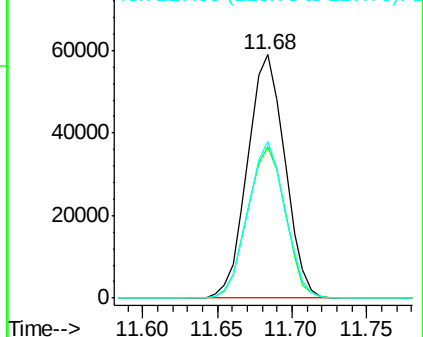


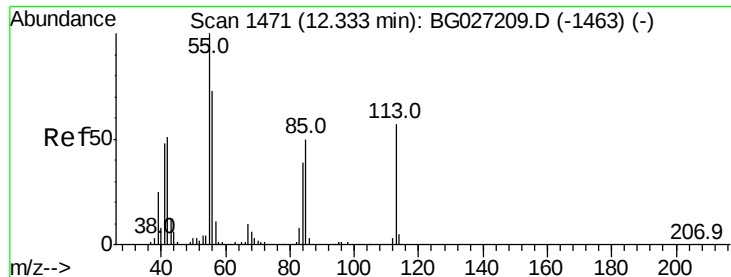
#34
Hexachlorobutadiene
Concen: 41.08 ng
RT: 11.68 min Scan# 1361
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:	225	Resp:	101880
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	64.2	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: 49.27 ng

RT: 12.28 min Scan# 1462

Delta R.T. -0.06 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

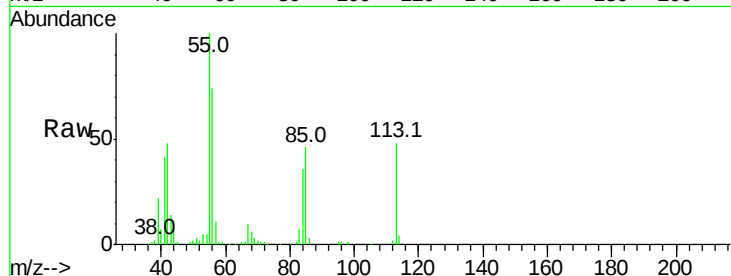
Tot Ion:113 Resp: 61579

Ion Ratio Lower Upper

113 100

55 207.5 198.6 238.6

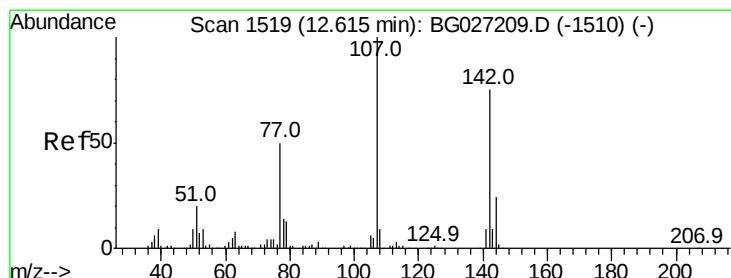
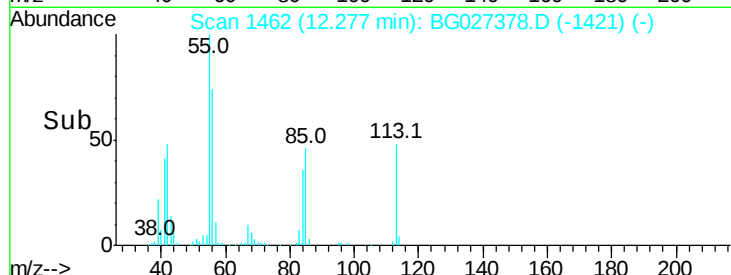
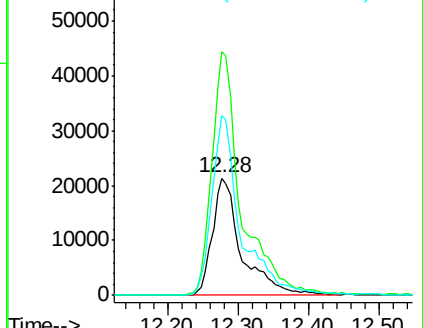
56 153.2 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.24 ng

RT: 12.58 min Scan# 1514

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

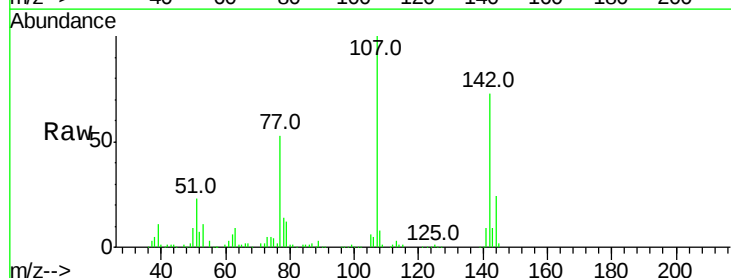
Tgt Ion:107 Resp: 192944

Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

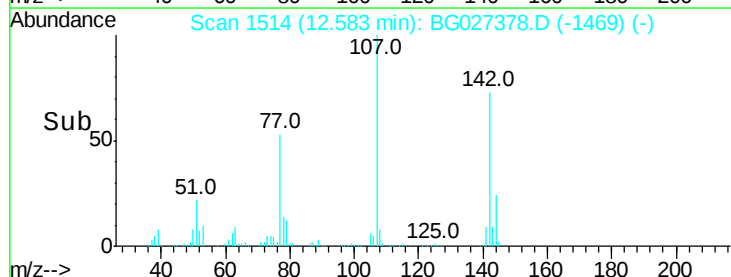
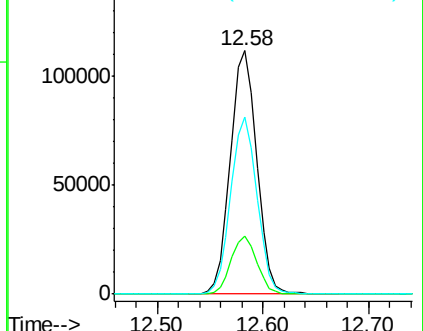
142 72.6 54.1 81.1



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

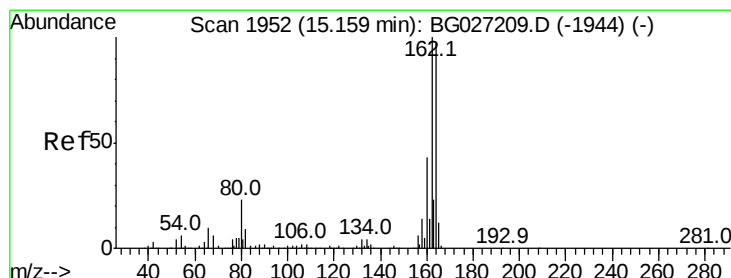
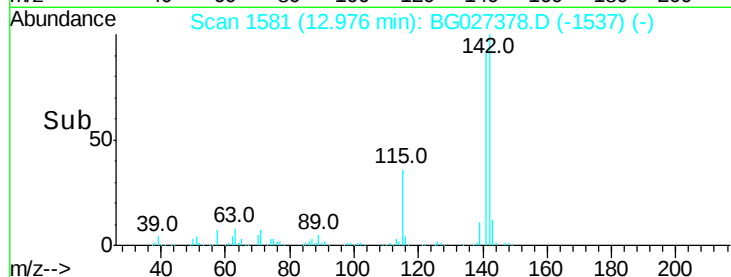
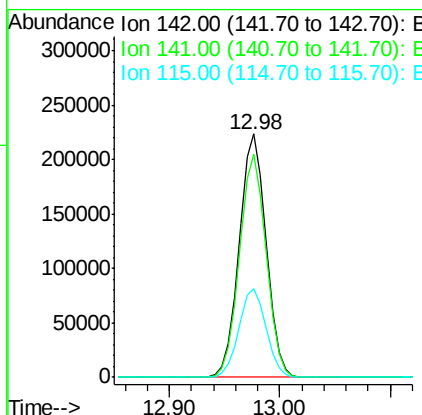
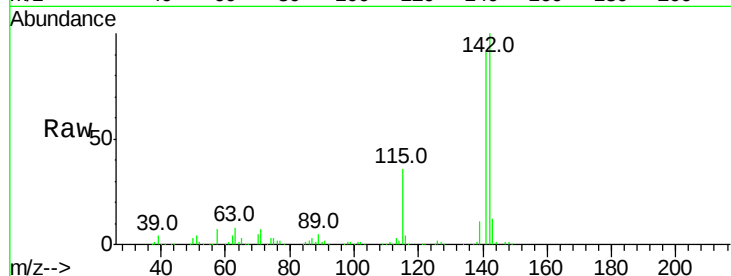




#37
2-Methylnaphthalene
Concen: 38.59 ng
RT: 12.98 min Scan# 1581
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

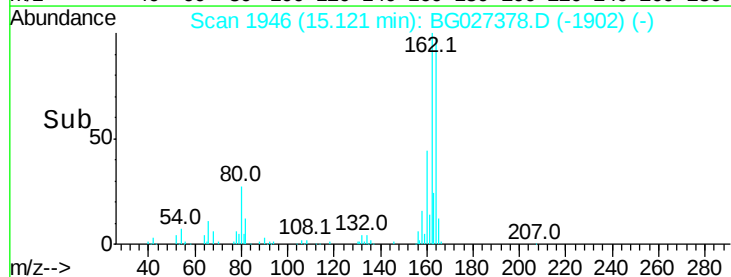
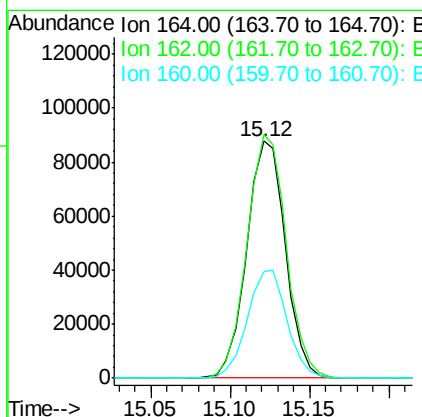
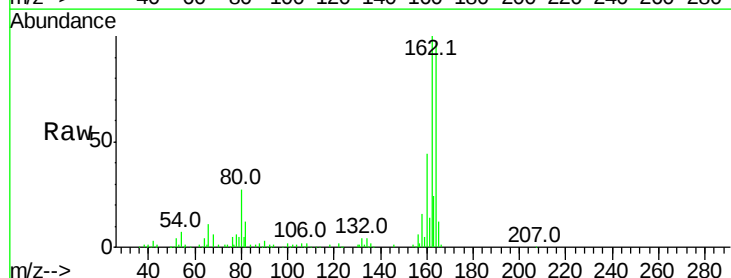
Instrument :
BNA_G
ClientSampleId :

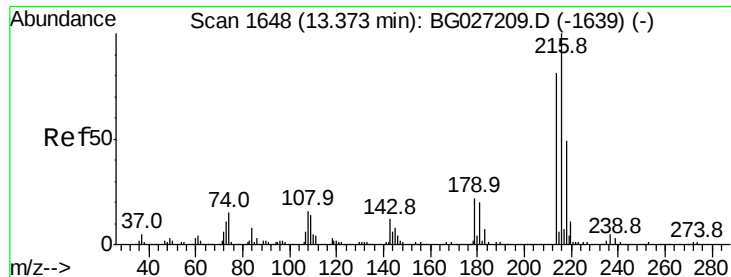
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.4	105.6
115	36.2	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	45.2	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.33 ng

RT: 13.33 min Scan# 1641

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 190768

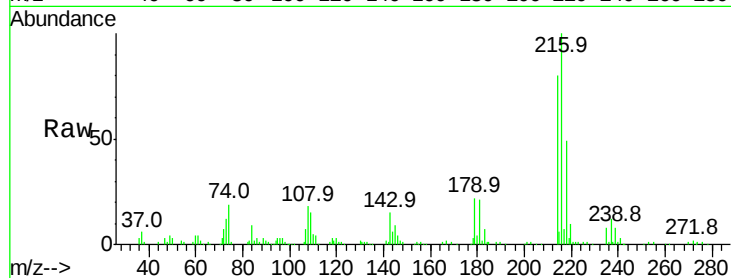
Ion Ratio Lower Upper

216 100

214 79.4 64.4 96.6

179 21.8 17.4 26.0

108 19.6 15.6 23.4

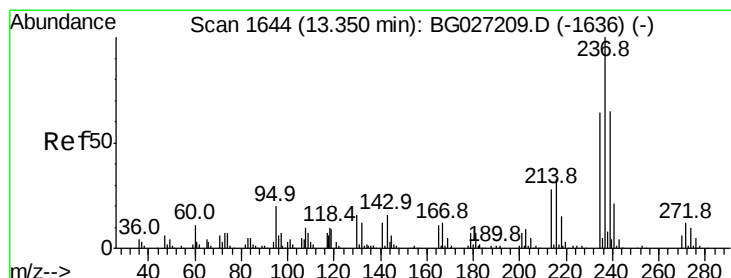
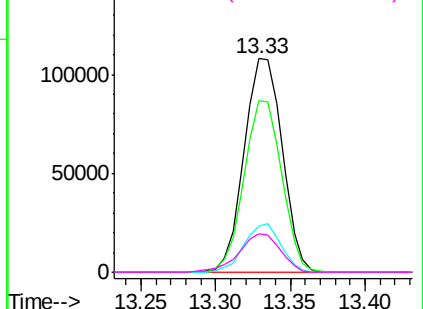
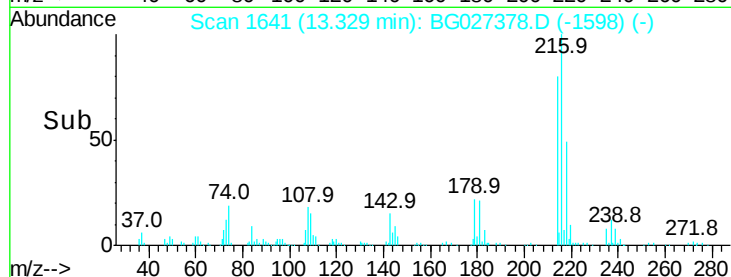


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.20 ng

RT: 13.31 min Scan# 1638

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

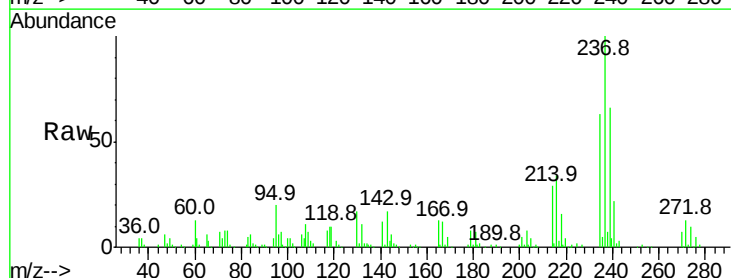
Tgt Ion:237 Resp: 101210

Ion Ratio Lower Upper

237 100

235 63.2 39.4 79.4

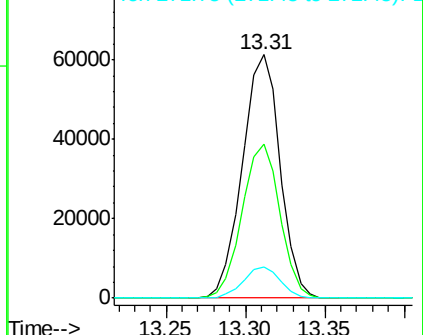
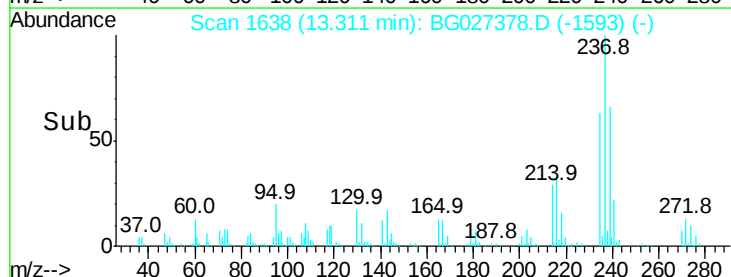
272 12.7 0.0 32.0



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

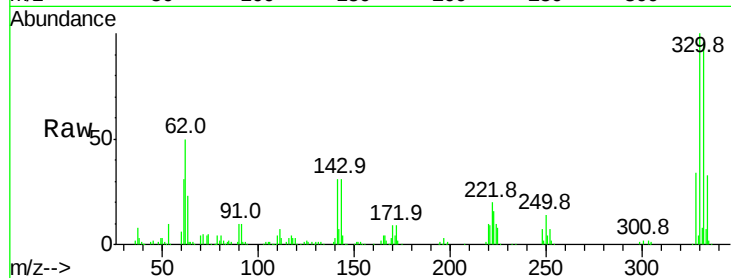




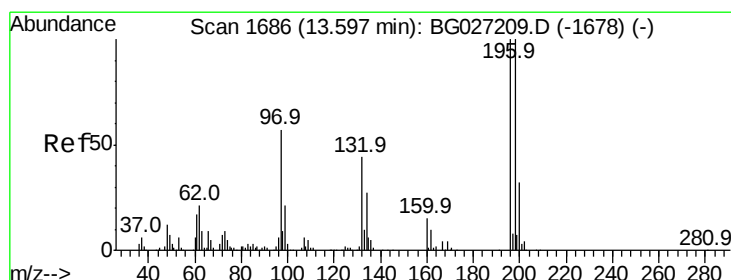
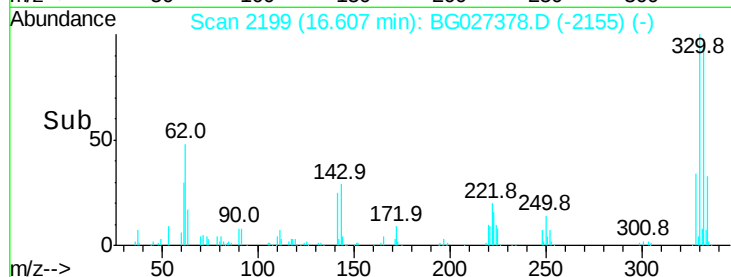
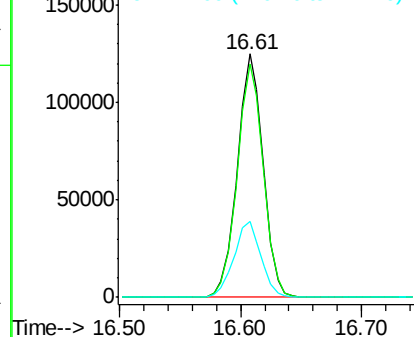
#41
 2,4,6-Tribromophenol
 Concen: 95.00 ng
 RT: 16.61 min Scan# 2199
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.6	32.1	48.1

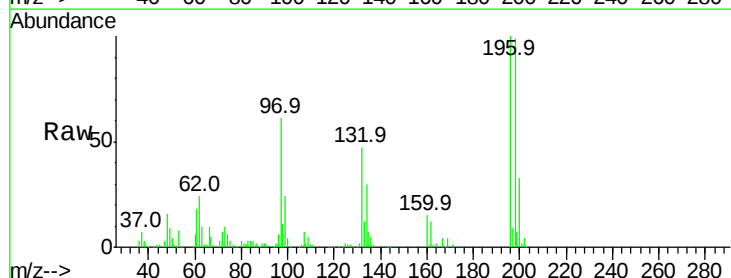


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

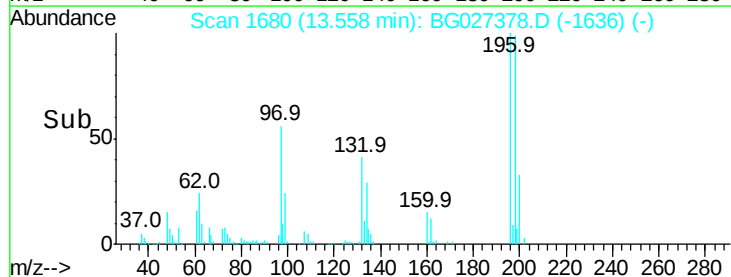
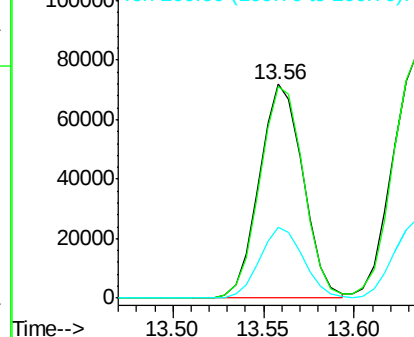


#42
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 13.56 min Scan# 1680
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	81.4	122.2
200	33.1	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

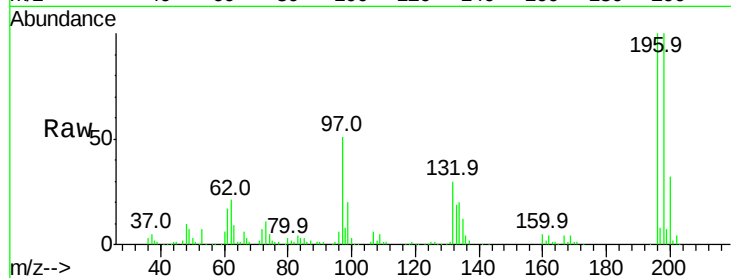




#43
 2,4,5-Trichlorophenol
 Concen: 44.55 ng
 RT: 13.63 min Scan# 1693
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	139552
Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.9	119.9
97	50.8	45.4	68.0
132	29.8	20.7	31.1



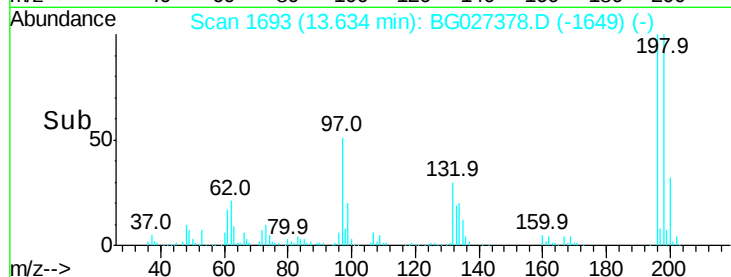
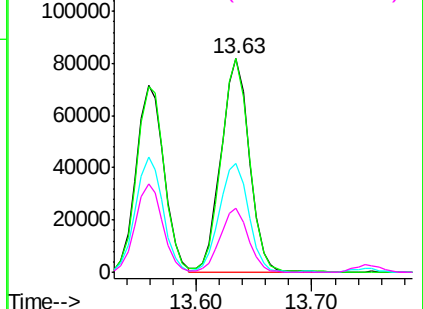
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

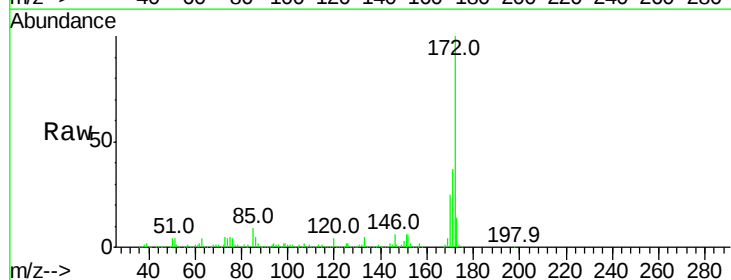
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.47 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion	172	Resp	873352
Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.9	21.8	32.6

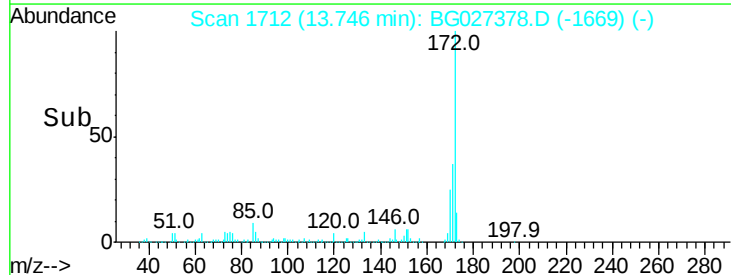
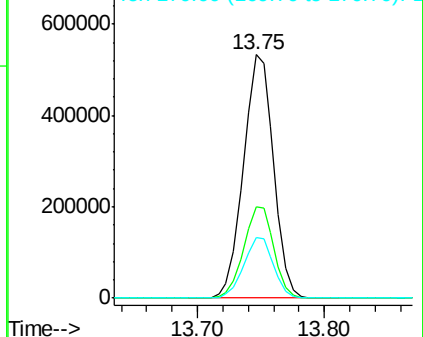


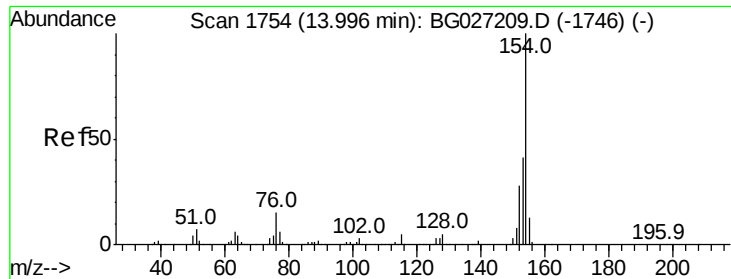
Abundance

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

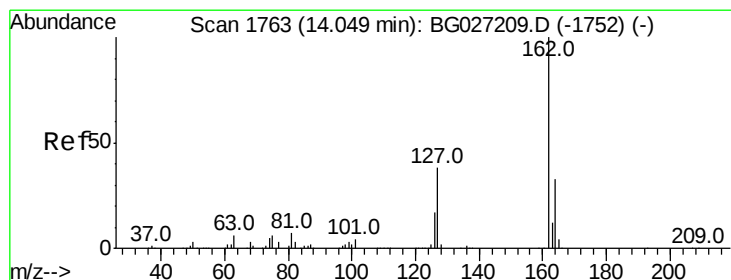
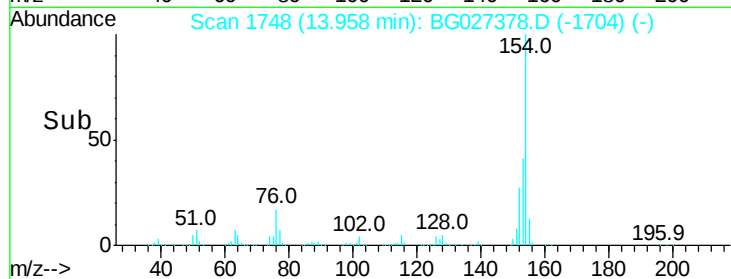
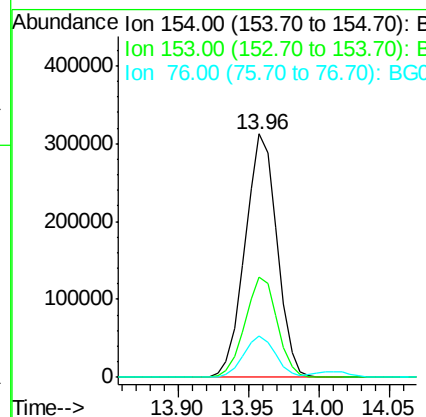
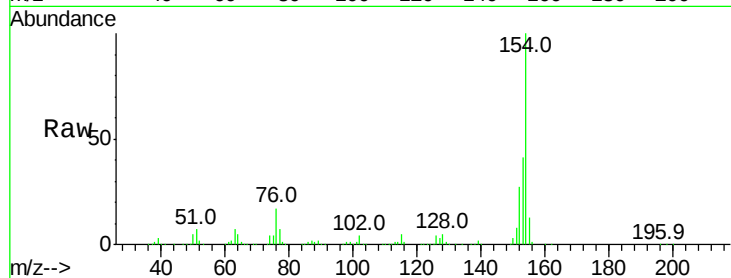




#45
 1,1'-Biphenyl
 Concen: 40.95 ng
 RT: 13.96 min Scan# 1748
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

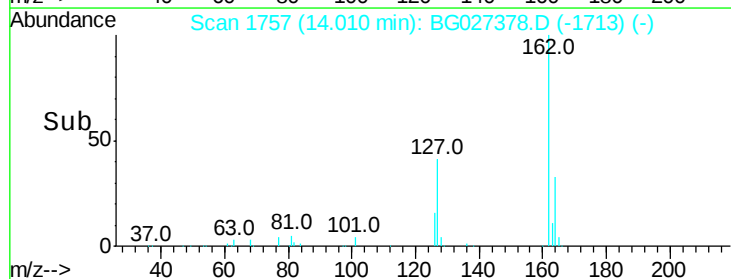
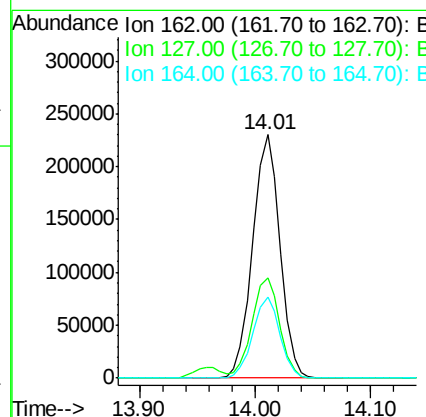
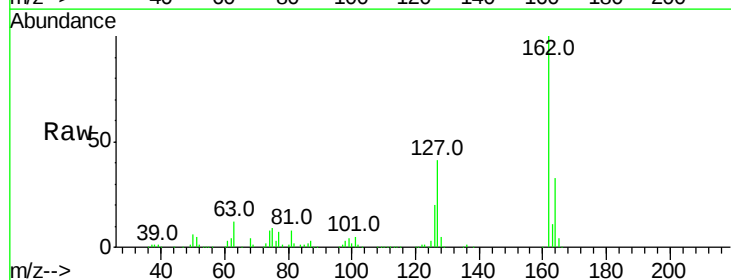
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	16.8	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 41.94 ng
 RT: 14.01 min Scan# 1757
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.2	48.4
164	33.2	27.3	40.9

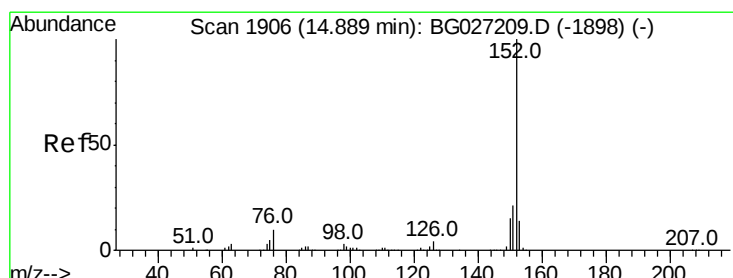
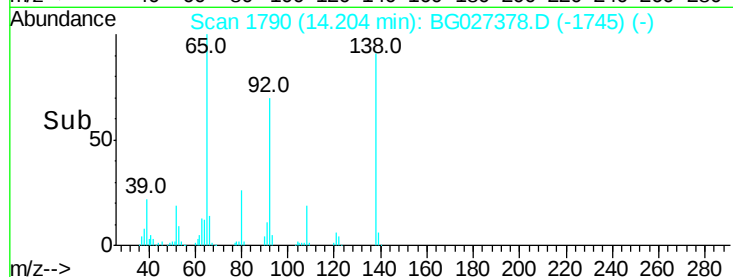
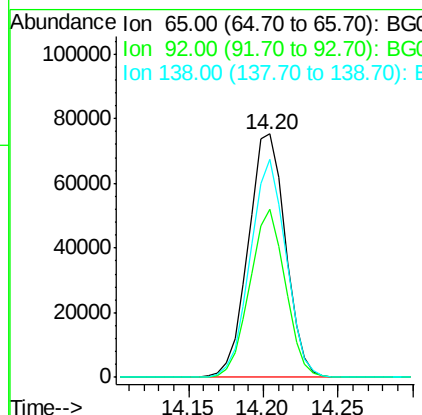
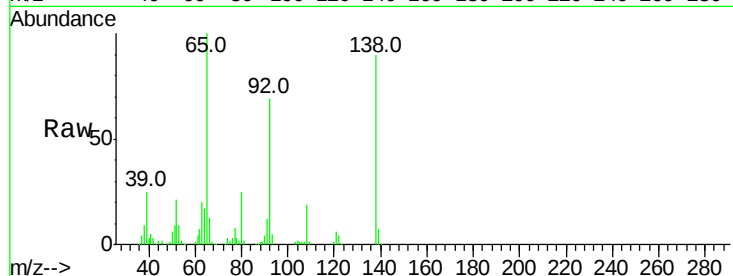




#47
2-Nitroaniline
Concen: 50.08 ng
RT: 14.20 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

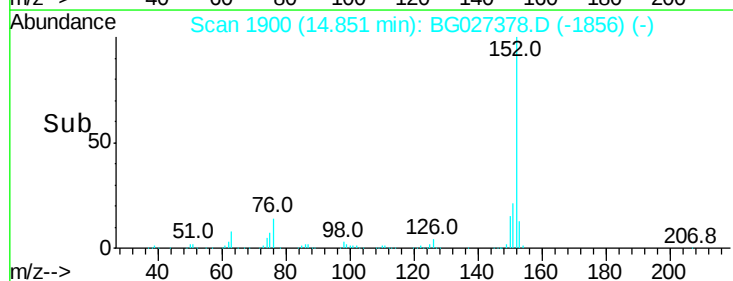
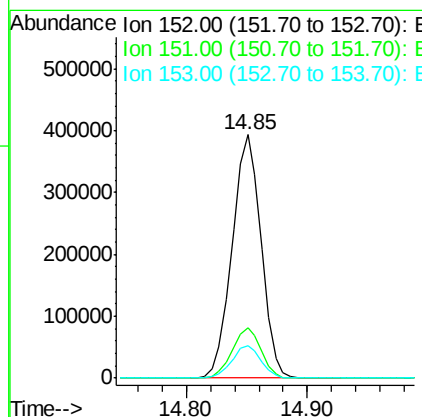
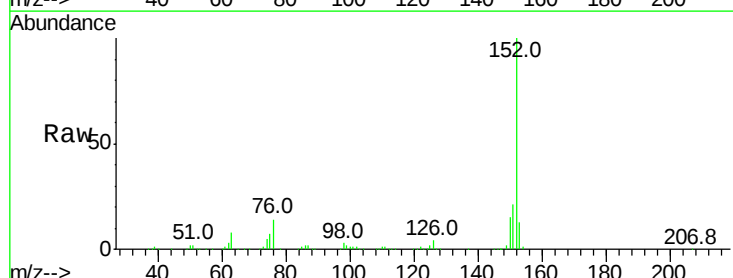
Instrument :
BNA_G
ClientSampleId :

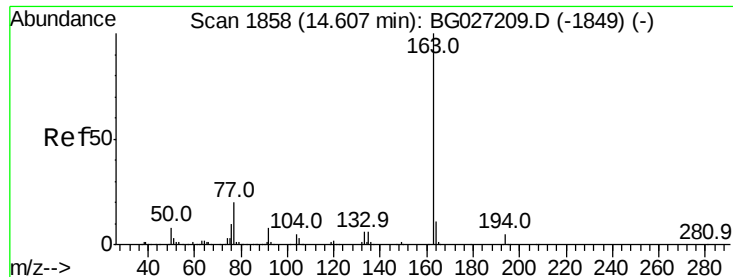
Tot Ion: 65 Resp: 130022
Ion Ratio Lower Upper
65 100
92 68.9 49.0 73.4
138 89.8 58.6 87.8#



#48
Acenaphthylene
Concen: 42.63 ng
RT: 14.85 min Scan# 1900
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion: 152 Resp: 654183
Ion Ratio Lower Upper
152 100
151 20.7 18.2 27.2
153 13.2 11.3 16.9

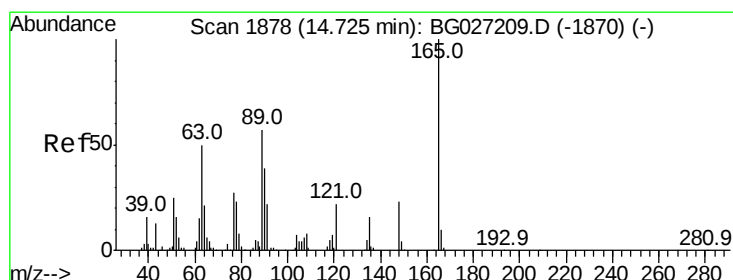
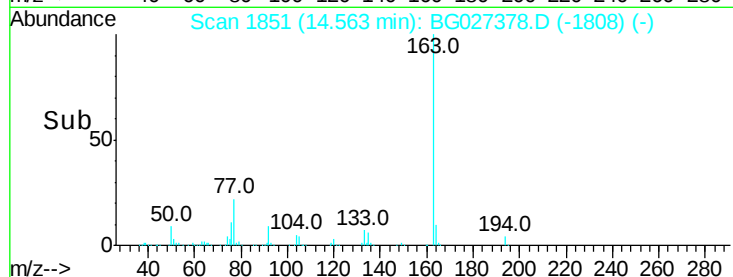
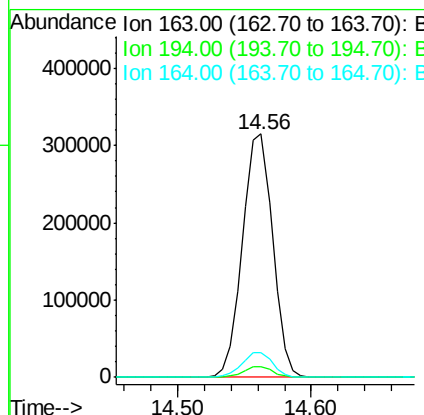
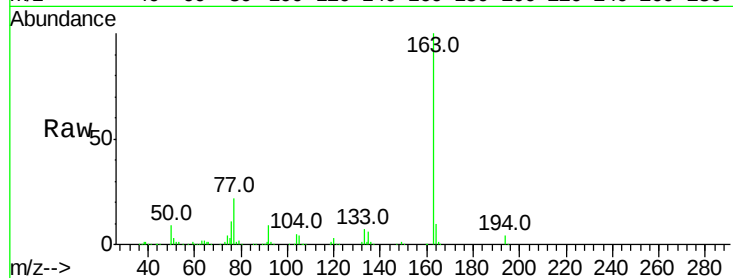




#49
Dimethylphthalate
Concen: 41.92 ng
RT: 14.56 min Scan# 1851
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

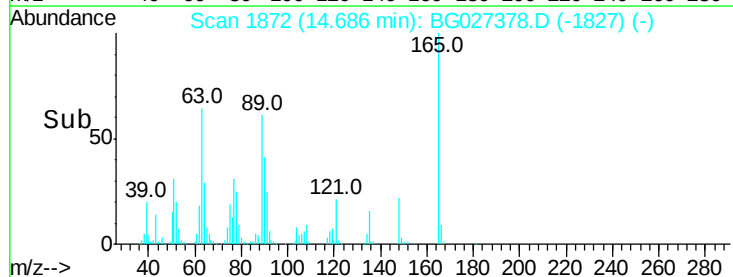
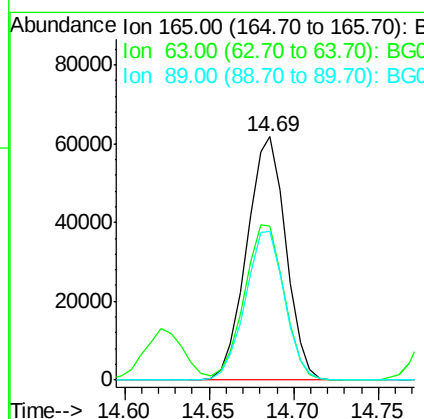
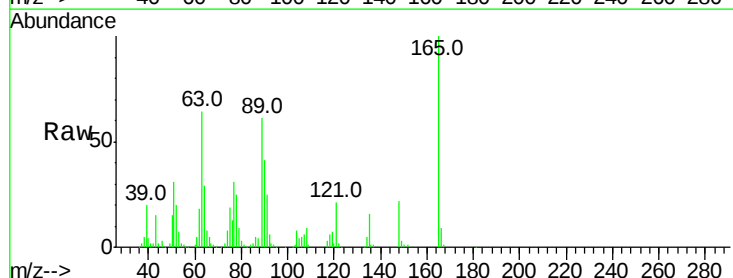
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 492641
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.4 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 14.69 min Scan# 1872
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:165 Resp: 99053
Ion Ratio Lower Upper
165 100
63 63.5 63.9 95.9#
89 61.2 58.6 88.0





#51

Acenaphthene

Concen: 42.21 ng

RT: 15.19 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

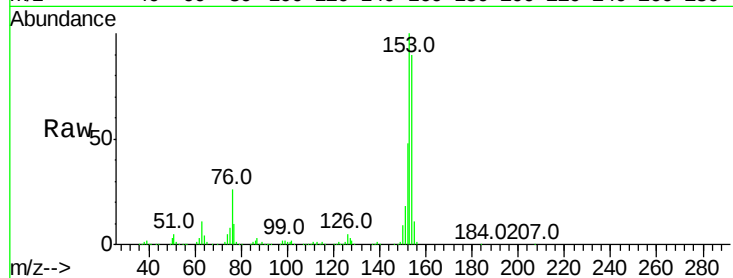
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 421306

Ion	Ratio	Lower	Upper
154	100		
153	111.6	87.8	131.6
152	53.3	42.2	63.4

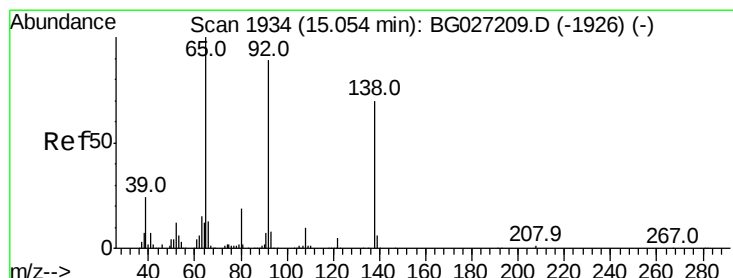
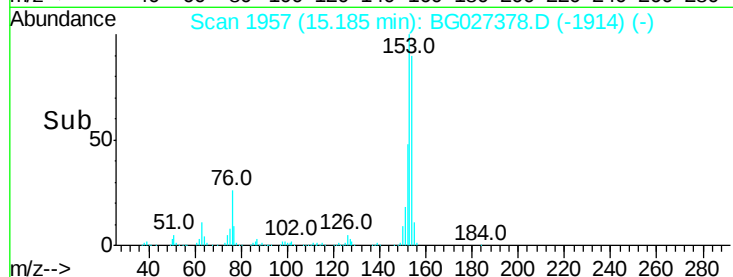
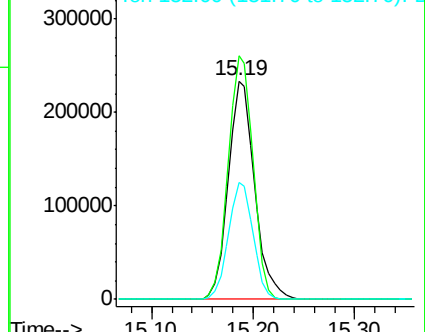


Abundance

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: 43.57 ng

RT: 15.02 min Scan# 1929

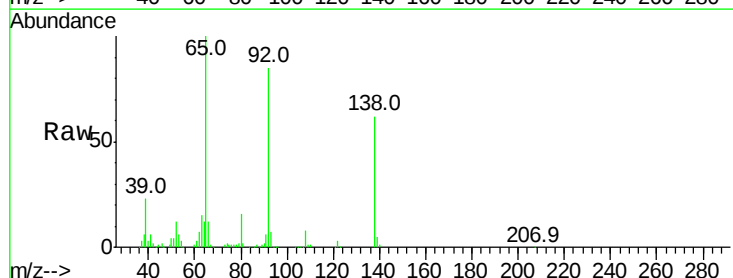
Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:138 Resp: 107622

Ion	Ratio	Lower	Upper
138	100		
108	13.7	10.9	16.3
92	137.1	115.3	172.9

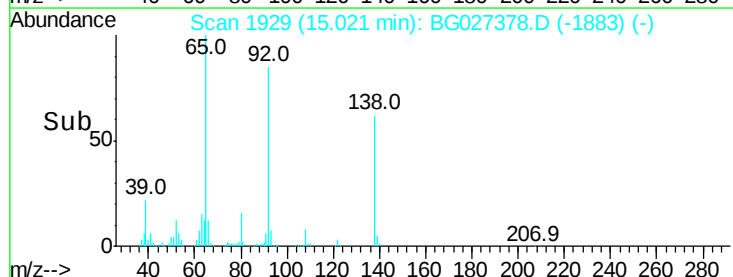
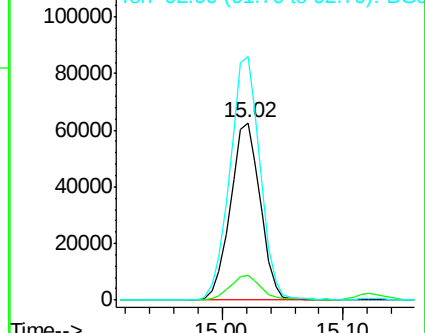


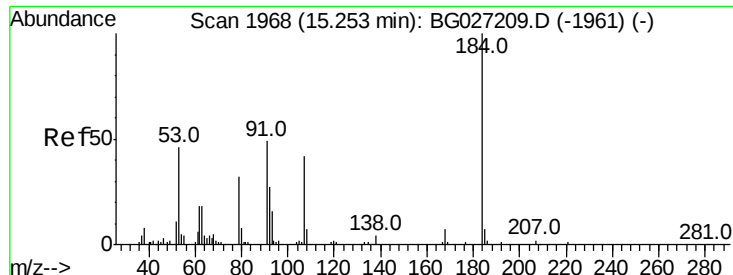
Abundance

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): BGC

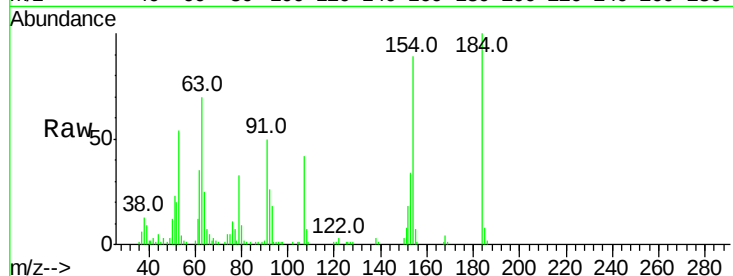




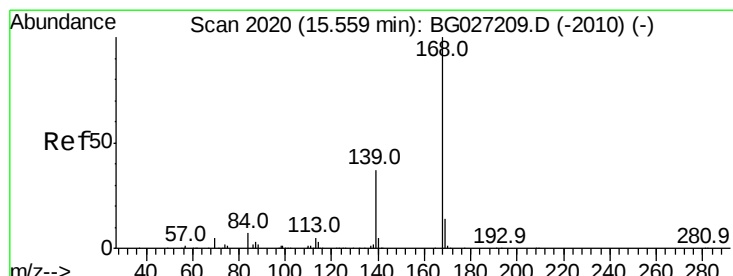
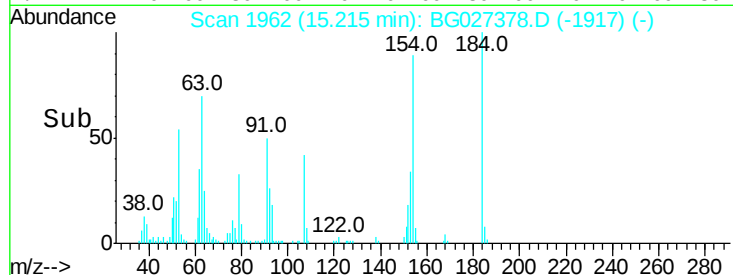
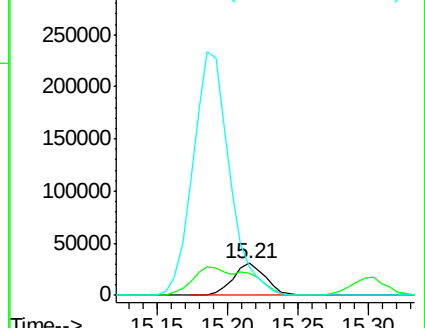
#53
2,4-Dinitrophenol
Concen: 51.49 ng
RT: 15.21 min Scan# 1962
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 49129
Ion Ratio Lower Upper
184 100
63 70.2 52.7 79.1
154 89.3 57.3 85.9#

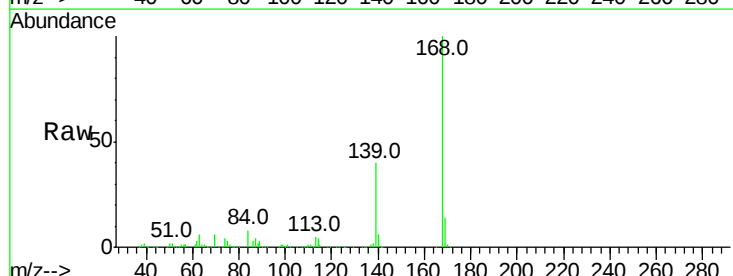


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

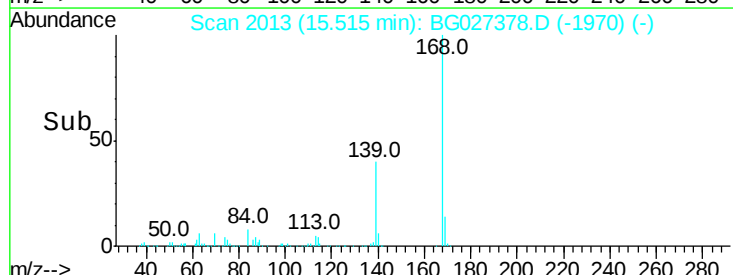
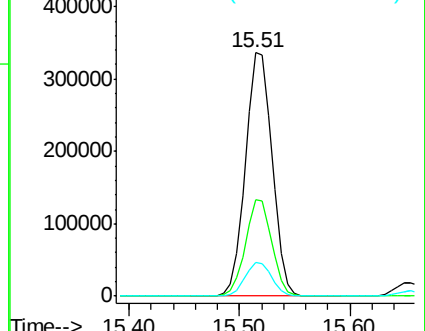


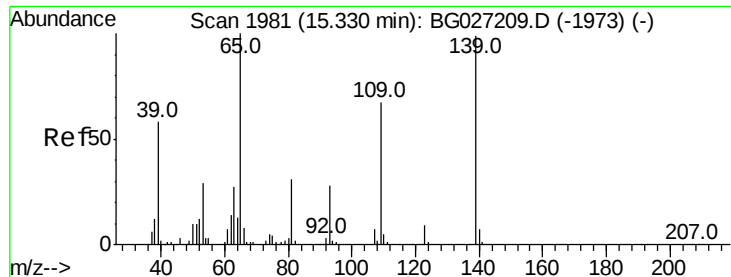
#54
Dibenzofuran
Concen: 41.01 ng
RT: 15.51 min Scan# 2013
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:168 Resp: 572005
Ion Ratio Lower Upper
168 100
139 39.8 35.3 52.9
169 14.0 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 45.13 ng

RT: 15.30 min Scan# 1977

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

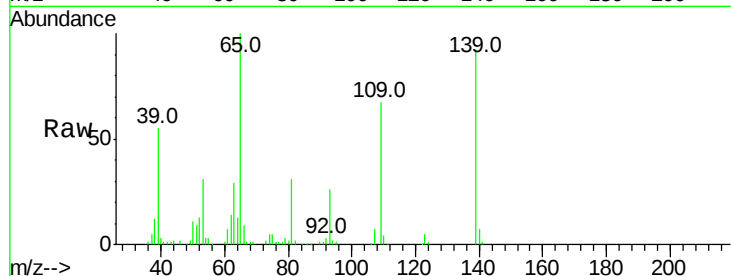
Tot Ion:139 Resp: 93773

Ion Ratio Lower Upper

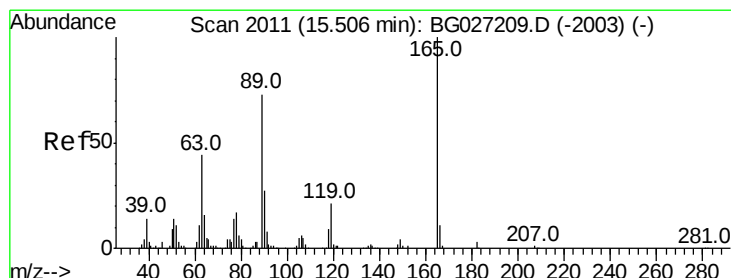
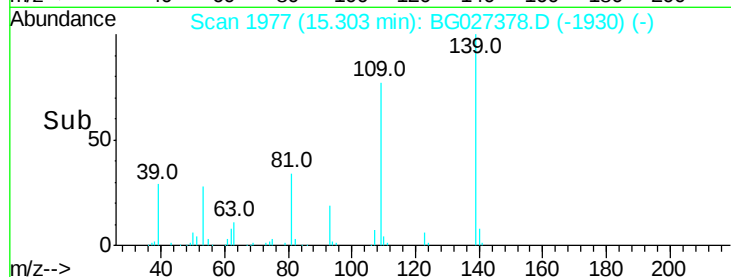
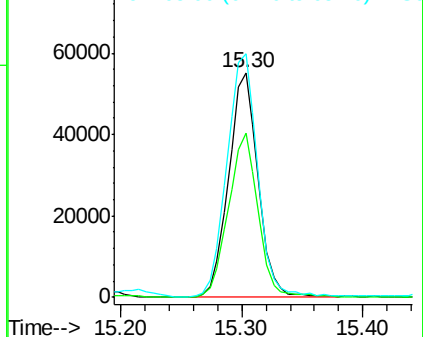
139 100

109 73.1 101.2 141.2#

65 108.3 135.3 175.3#



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: 44.25 ng

RT: 15.47 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:165 Resp: 133217

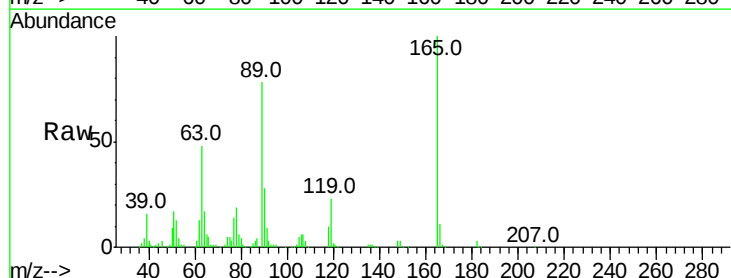
Ion Ratio Lower Upper

165 100

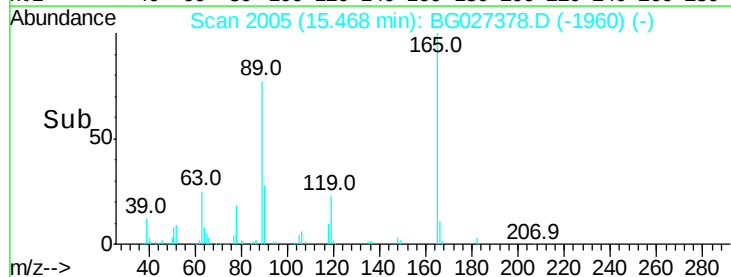
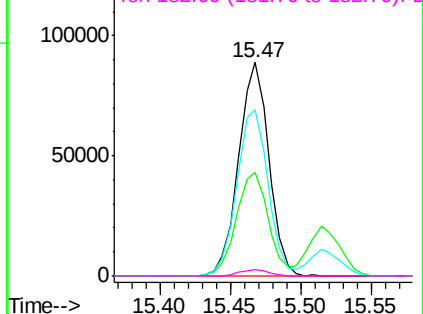
63 48.3 44.0 66.0

89 77.8 67.3 100.9

182 2.7 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: 42.11 ng

RT: 16.17 min Scan# 2124

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

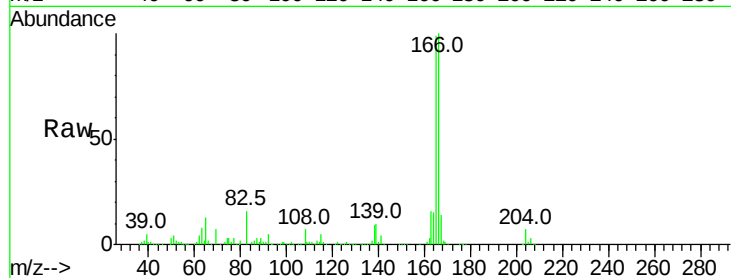
Tot Ion:166 Resp: 521631

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

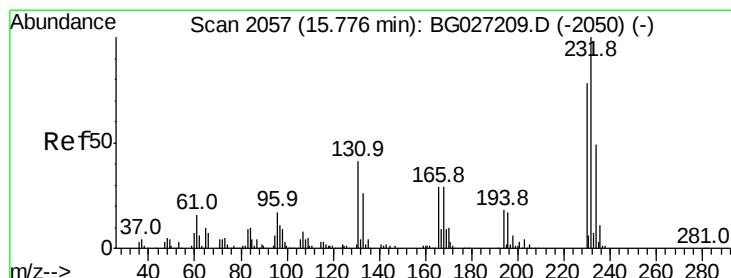
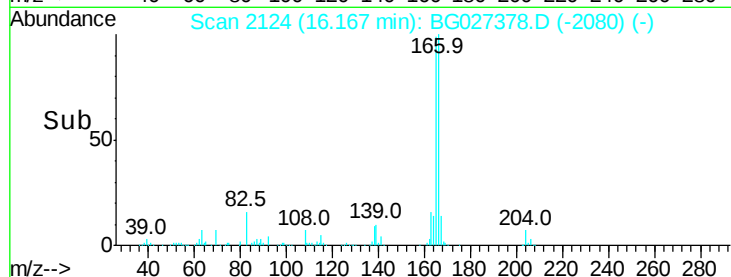
167 13.7 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.45 ng

RT: 15.74 min Scan# 2051

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:232 Resp: 121495

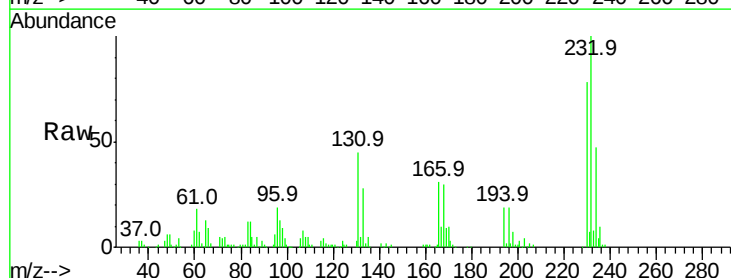
Ion Ratio Lower Upper

232 100

131 46.2 34.9 52.3

130 2.6 2.3 3.5

166 30.9 24.2 36.4

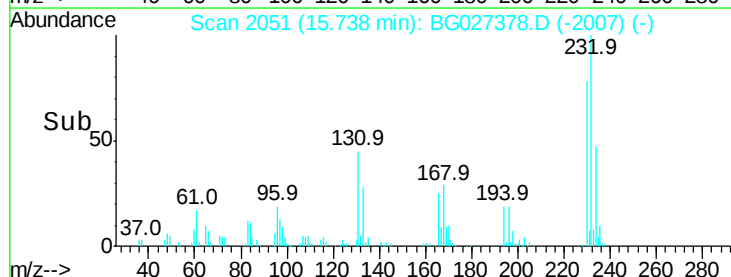


Abundance Ion 232.00 (231.70 to 232.70): E

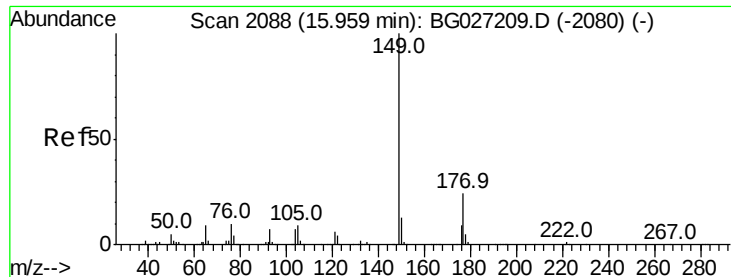
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



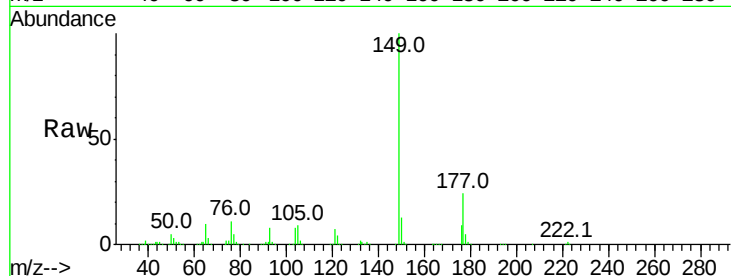
Time-->



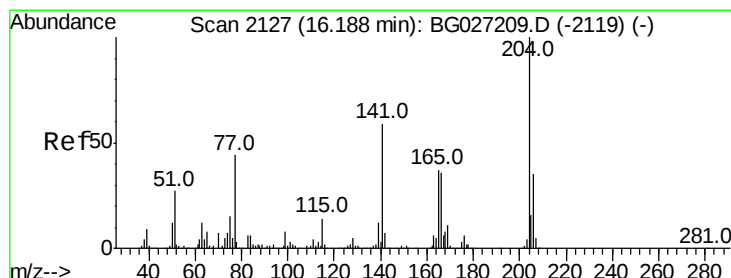
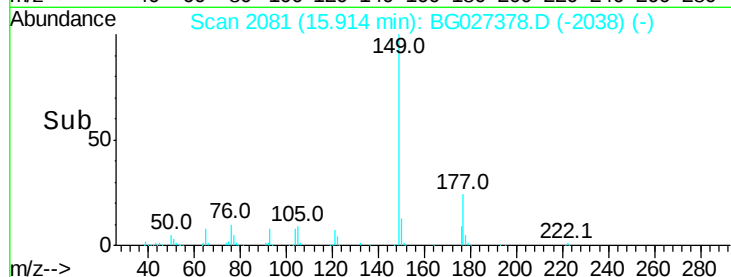
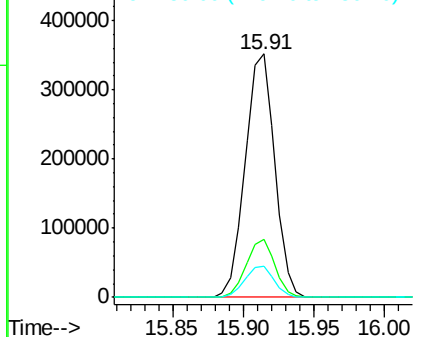
#59
Diethylphthalate
Concen: 44.00 ng
RT: 15.91 min Scan# 2081
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 515789
Ion Ratio Lower Upper
149 100
177 23.8 20.1 30.1
150 12.6 10.2 15.2

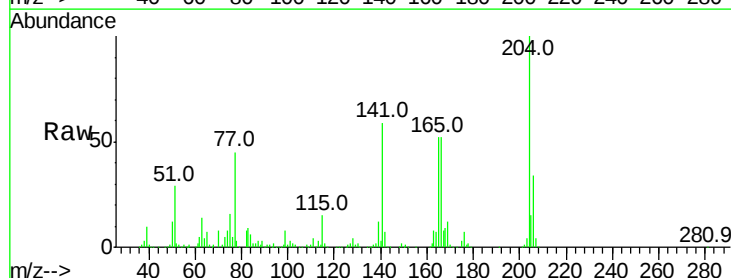


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

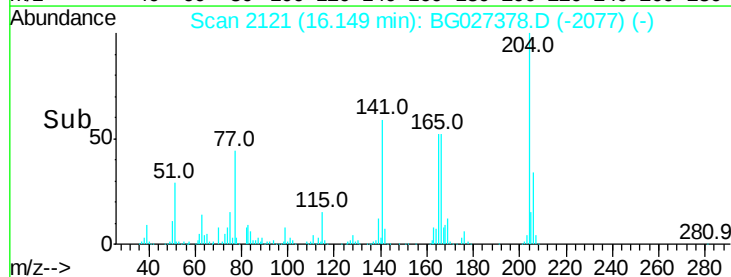
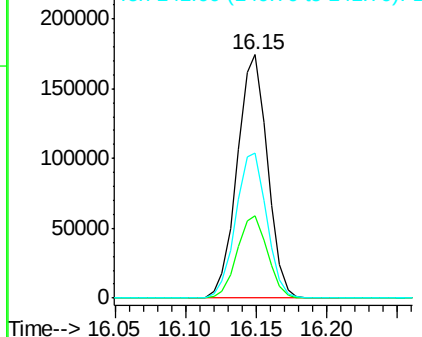


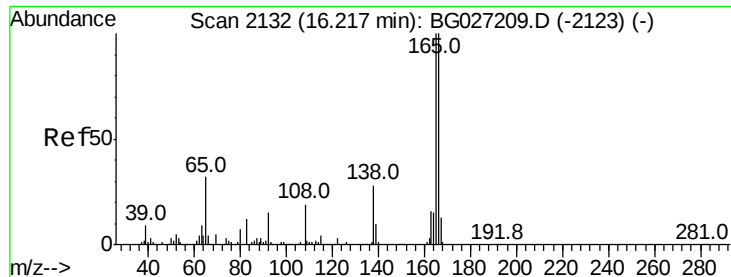
#60
4-Chlorophenyl-phenylether
Concen: 41.77 ng
RT: 16.15 min Scan# 2121
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:204 Resp: 260634
Ion Ratio Lower Upper
204 100
206 33.8 30.1 45.1
141 59.4 50.6 76.0



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

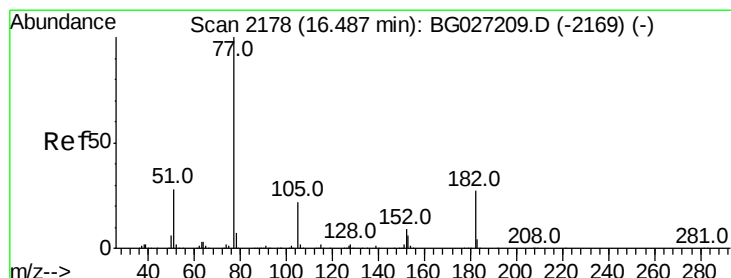
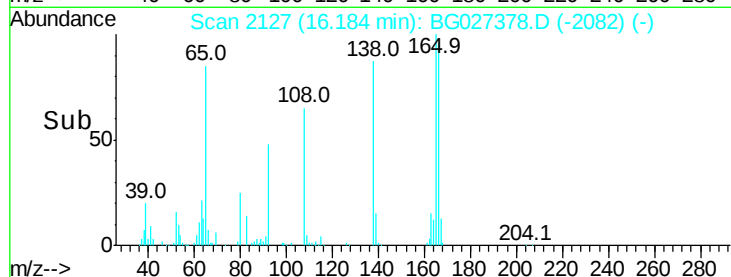
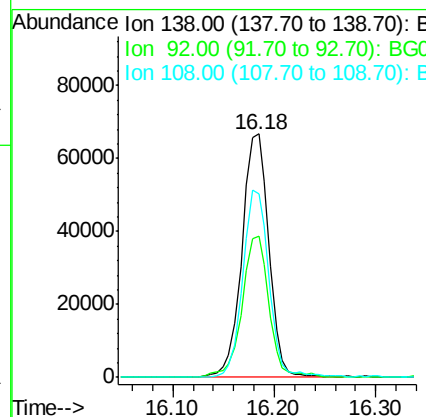
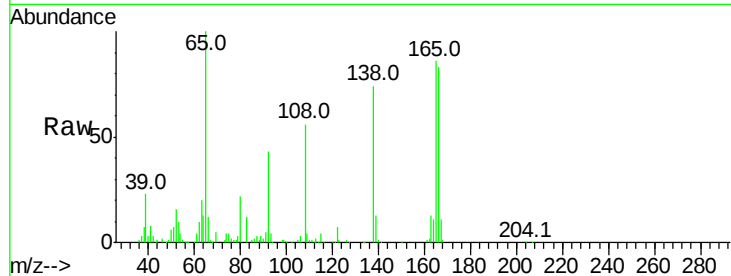




#61
4-Nitroaniline
Concen: 48.47 ng
RT: 16.18 min Scan# 2127
Delta R.T. -0.03 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

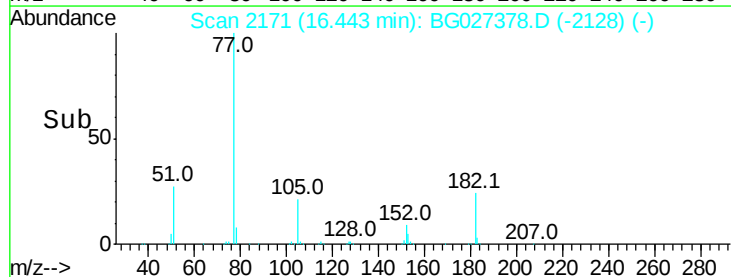
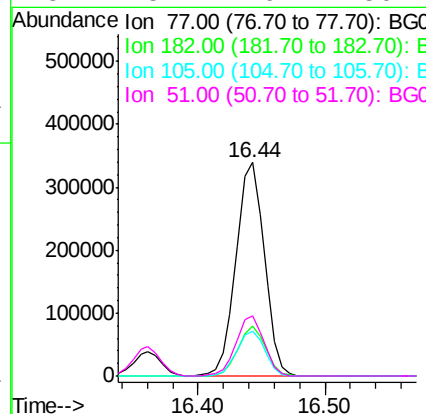
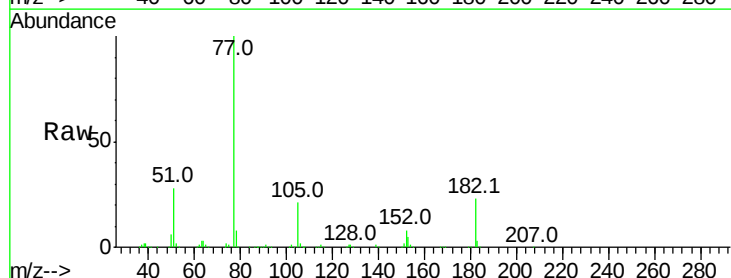
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 123010
Ion Ratio Lower Upper
138 100
92 58.0 44.2 84.2
108 75.3 104.8 144.8#



#62
Azobenzene
Concen: 48.17 ng
RT: 16.44 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion: 77 Resp: 523330
Ion Ratio Lower Upper
77 100
182 23.5 4.7 44.7
105 21.1 0.0 36.3
51 28.2 16.4 56.4

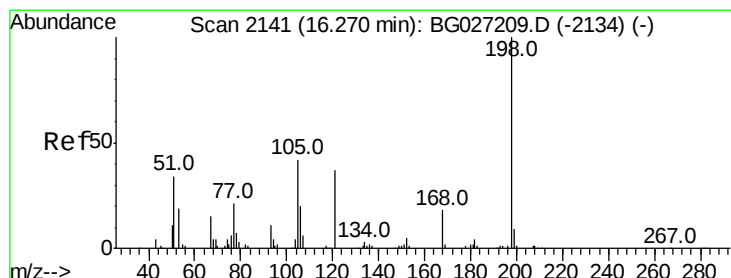
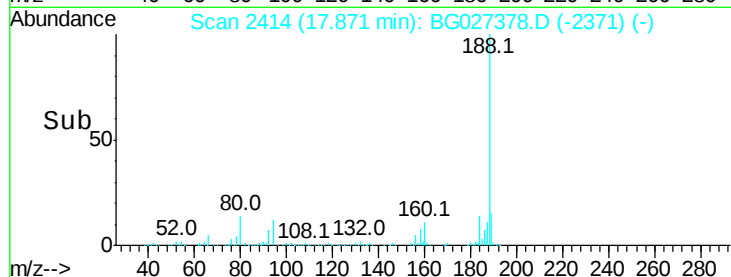
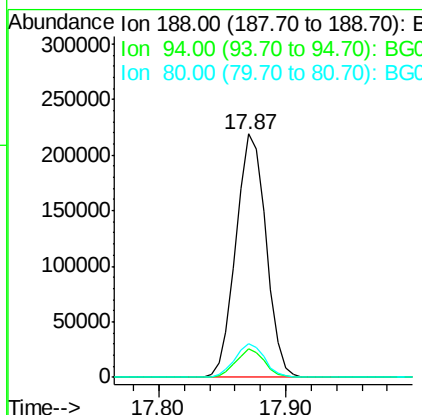
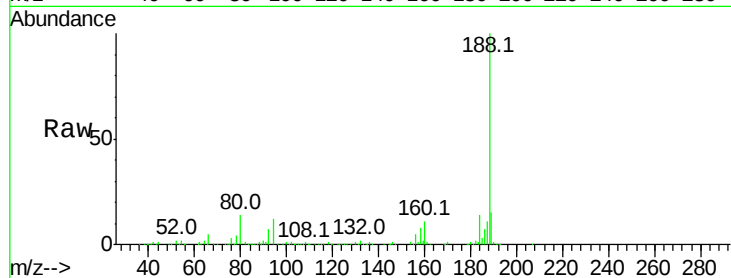




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

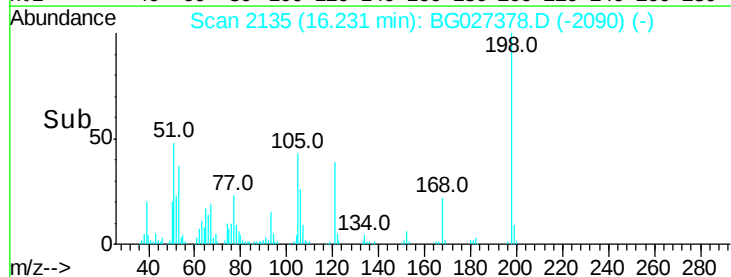
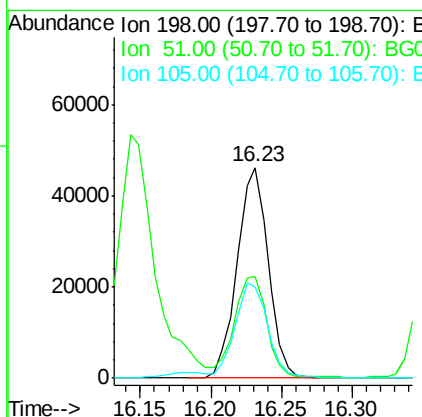
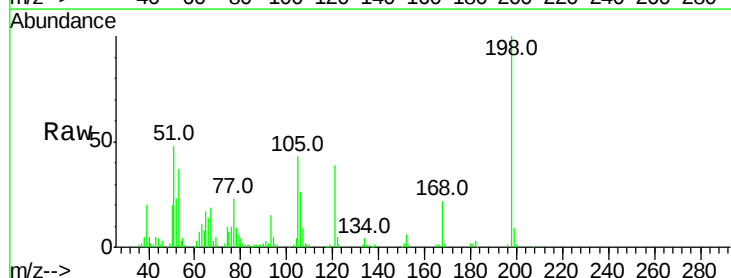
Instrument :
BNA_G
ClientSampleId :

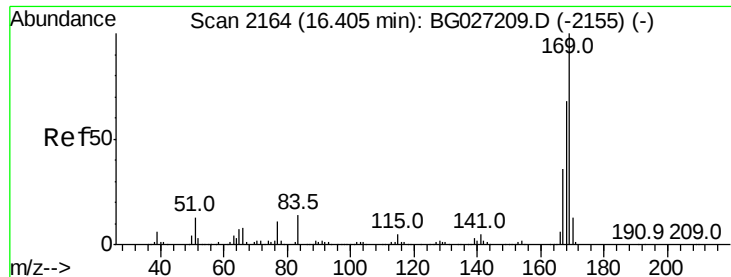
Tot Ion:188 Resp: 360654
Ion Ratio Lower Upper
188 100
94 11.9 5.8 8.8#
80 13.8 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.31 ng
RT: 16.23 min Scan# 2135
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:198 Resp: 71018
Ion Ratio Lower Upper
198 100
51 48.4 22.6 62.6
105 43.2 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 40.15 ng

RT: 16.36 min Scan# 2157

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

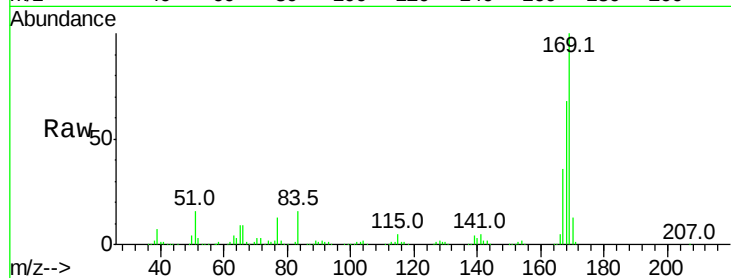
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 453957

Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.7	83.5
167	35.6	29.8	44.6

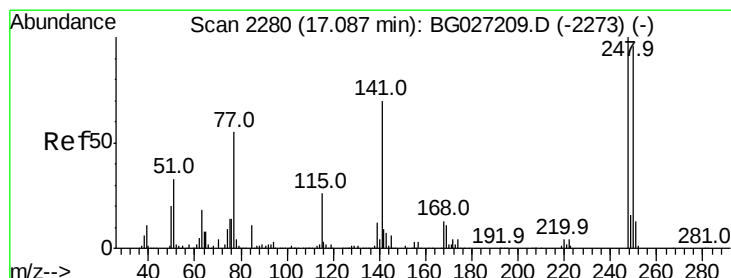
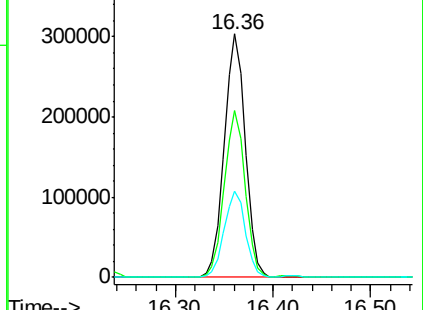
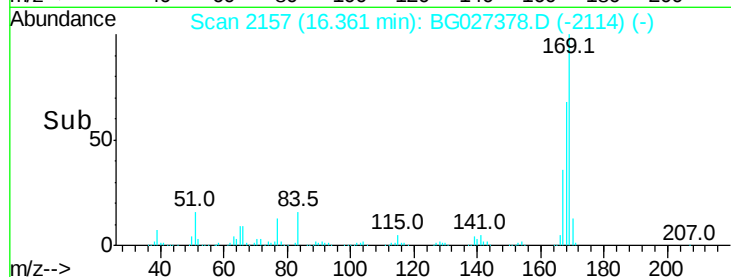


Abundance

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: 39.64 ng

RT: 17.05 min Scan# 2274

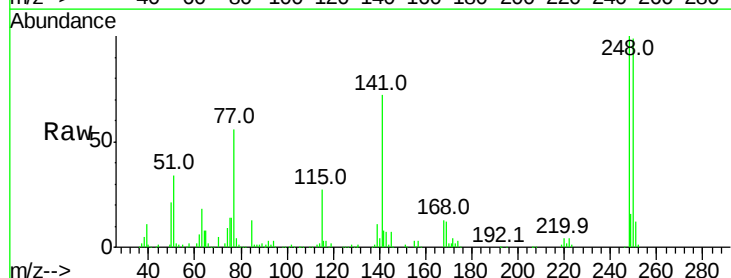
Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:248 Resp: 169219

Ion	Ratio	Lower	Upper
248	100		
250	98.9	75.0	112.6
141	72.3	55.2	82.8

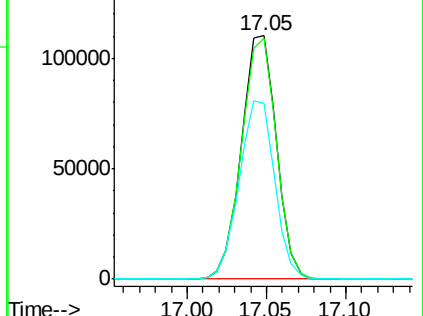
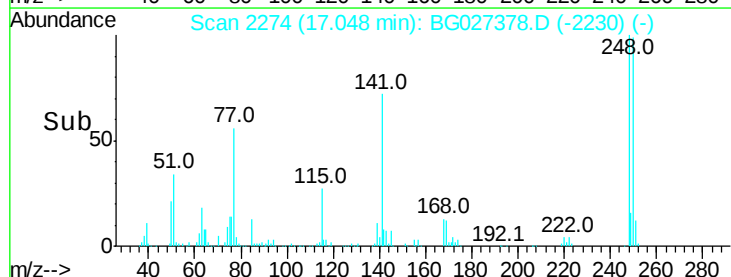


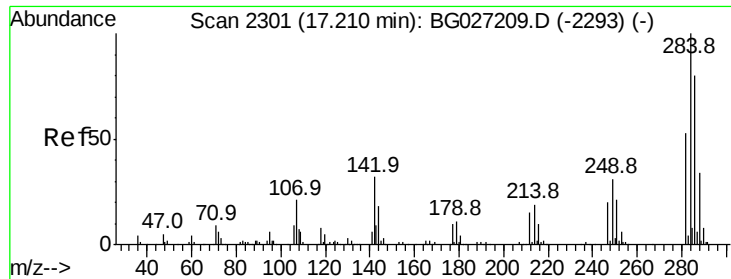
Abundance

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

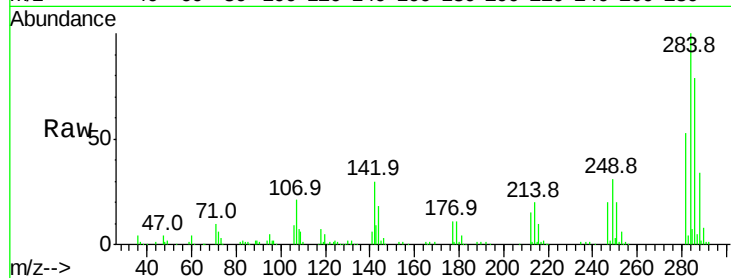




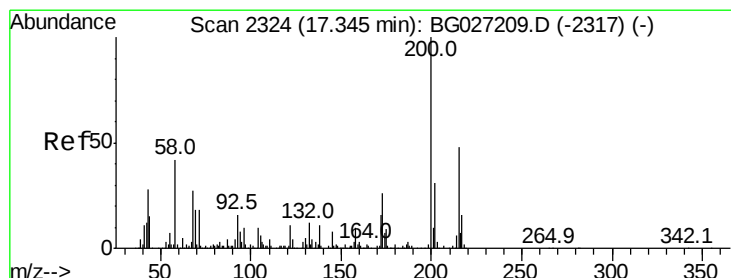
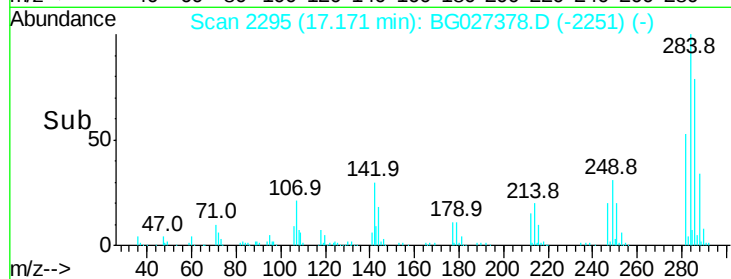
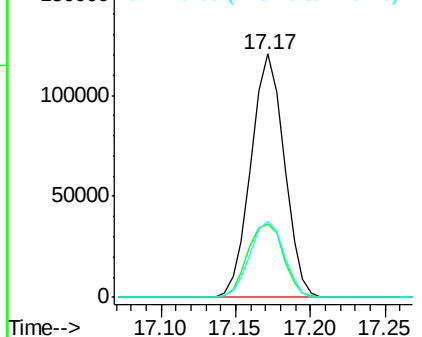
#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 17.17 min Scan# 2295
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.3	29.9	44.9
249	31.4	29.2	43.8

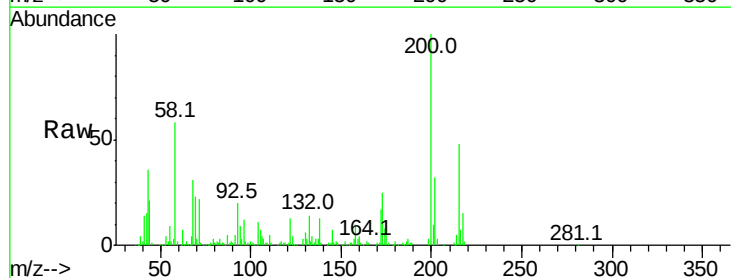


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

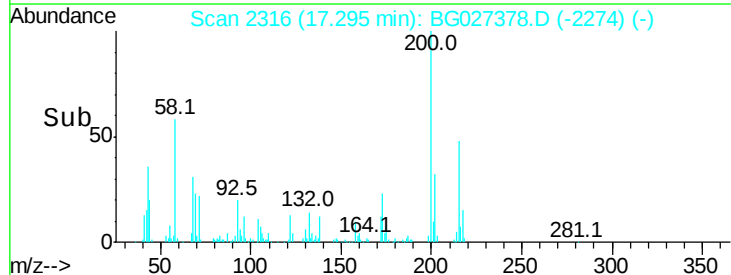
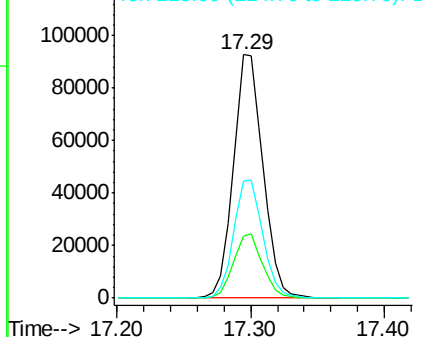


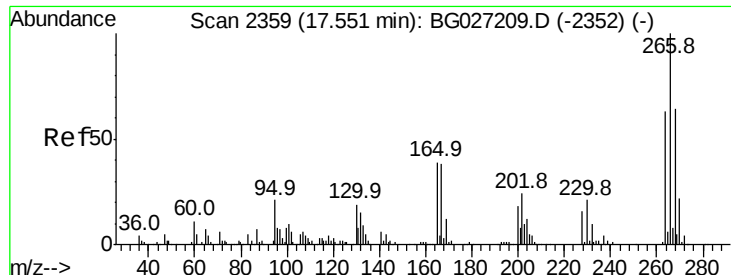
#68
Atrazine
Concen: 37.70 ng
RT: 17.29 min Scan# 2316
Delta R.T. -0.05 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	3.0	43.0
215	48.0	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: 42.40 ng

RT: 17.51 min Scan# 2353

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

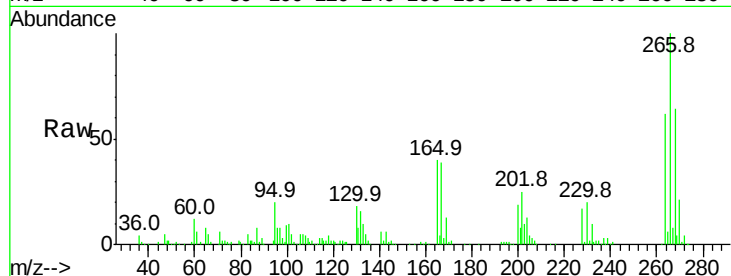
Tot Ion:266 Resp: 114106

Ion Ratio Lower Upper

266 100

268 63.7 48.6 72.8

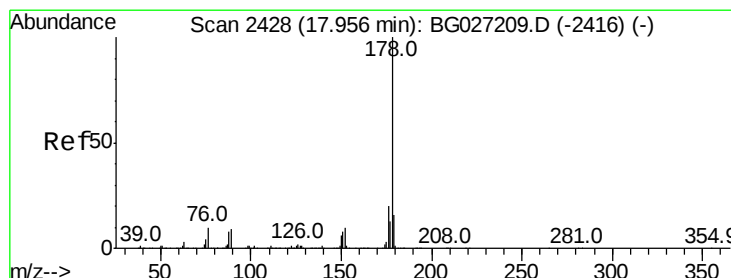
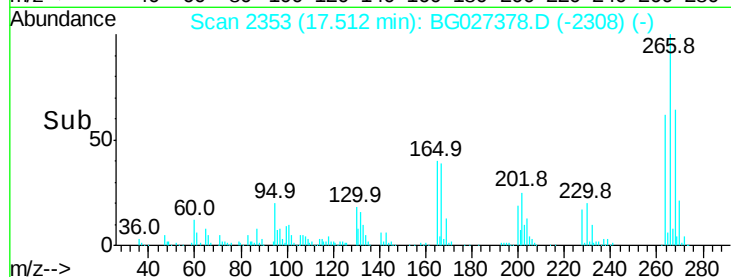
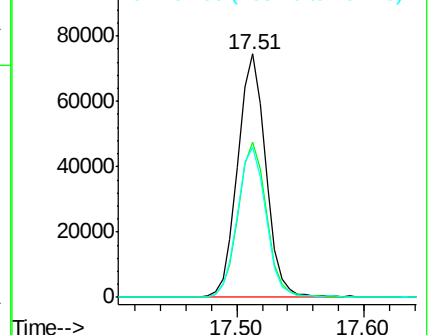
264 61.7 50.1 75.1



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



#70

Phenanthrene

Concen: 40.49 ng

RT: 17.92 min Scan# 2422

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

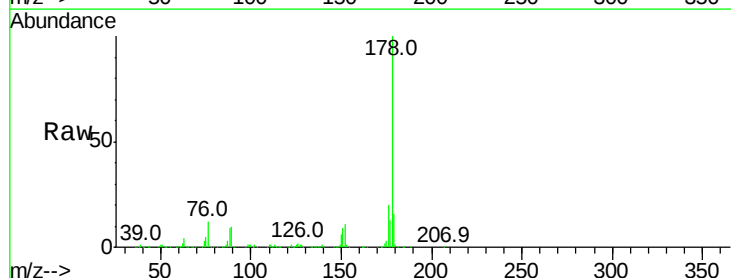
Tgt Ion:178 Resp: 821515

Ion Ratio Lower Upper

178 100

176 20.3 17.7 26.5

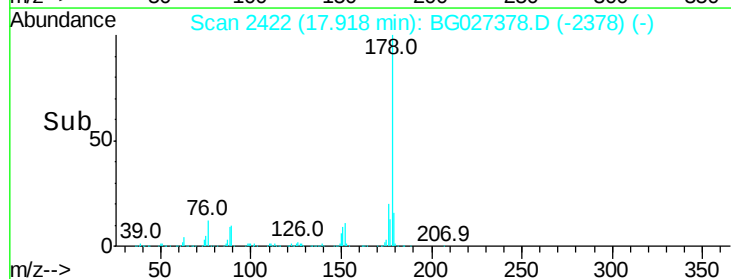
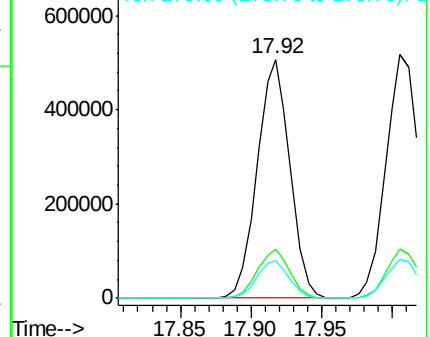
179 15.6 15.0 22.6



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

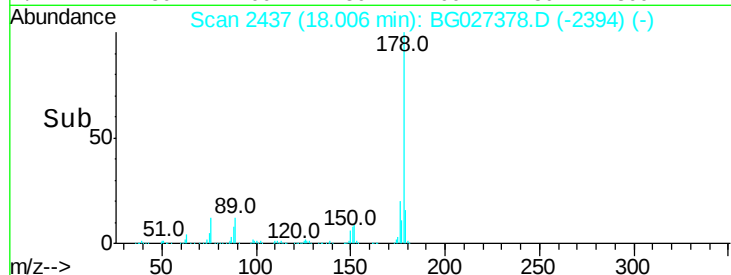
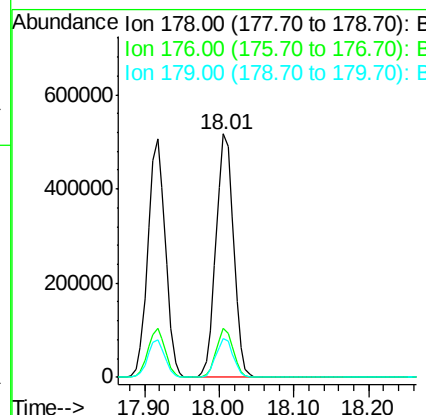
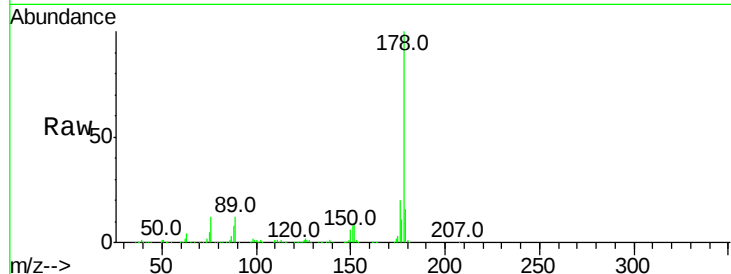




#71
 Anthracene
 Concen: 41.42 ng
 RT: 18.01 min Scan# 2437
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

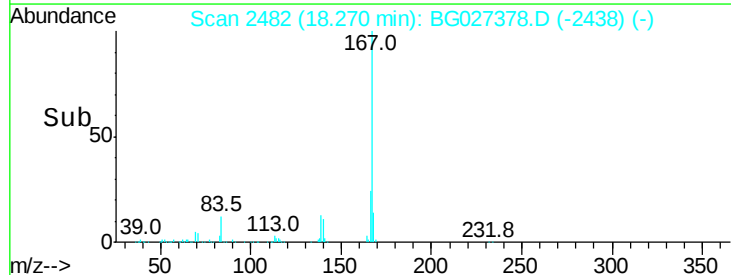
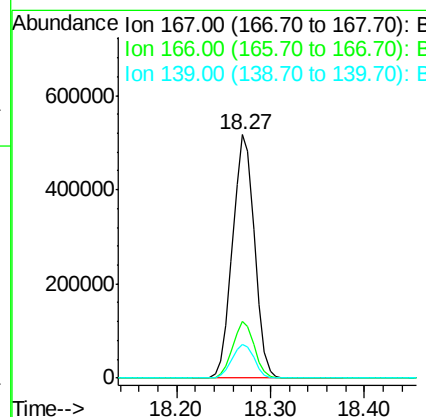
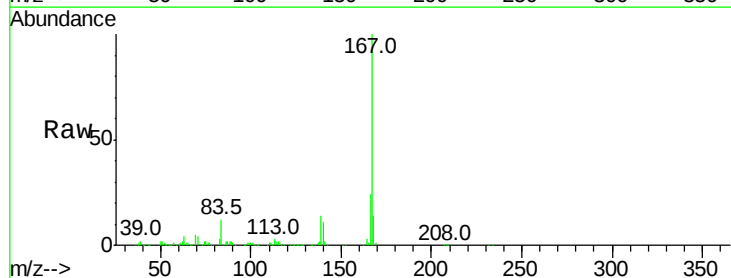
Instrument :
 BNA_G
 ClientSampleId :

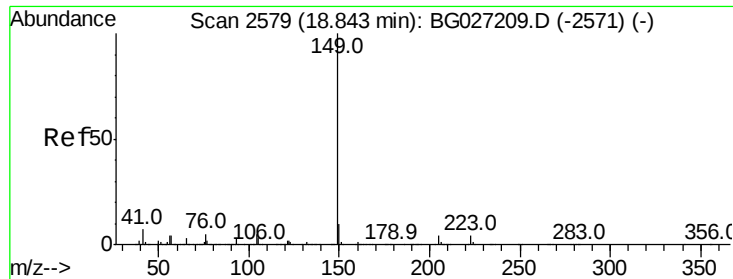
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	16.1	13.8	20.8



#72
 Carbazole
 Concen: 43.65 ng
 RT: 18.27 min Scan# 2482
 Delta R.T. -0.04 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.2	30.2
139	13.9	12.8	19.2

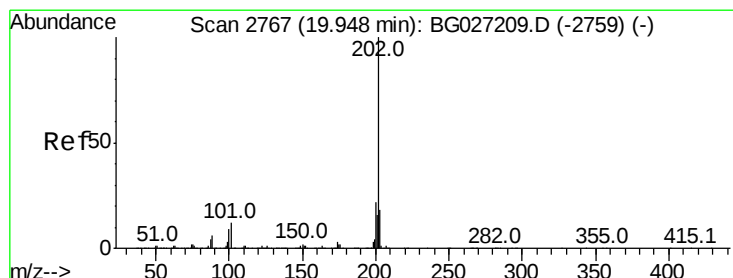
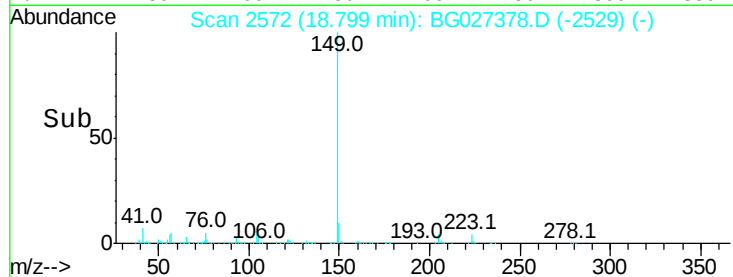
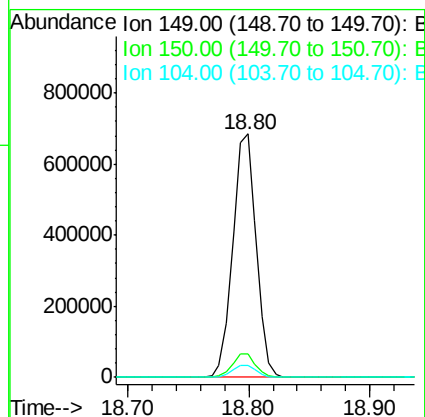
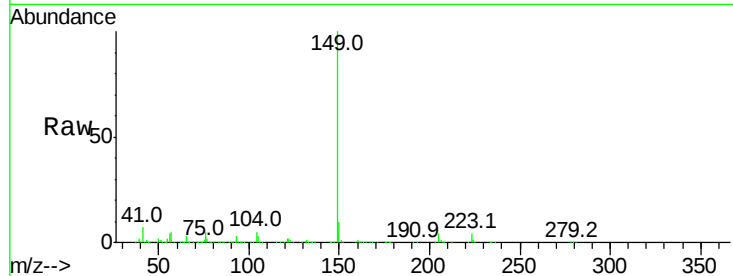




#73
Di-n-butylphthalate
Concen: 49.67 ng
RT: 18.80 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

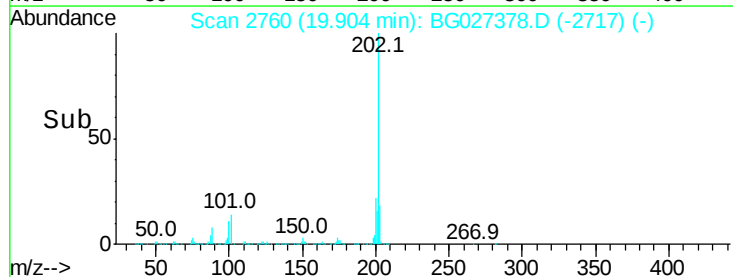
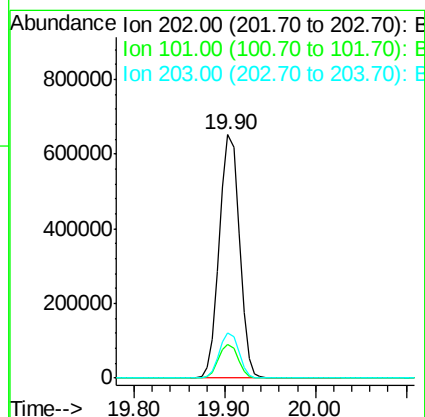
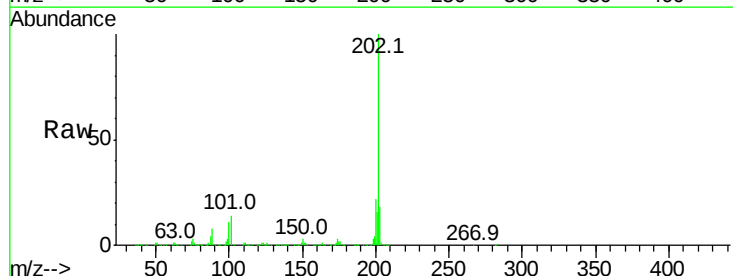
Instrument :
BNA_G
ClientSampleId :

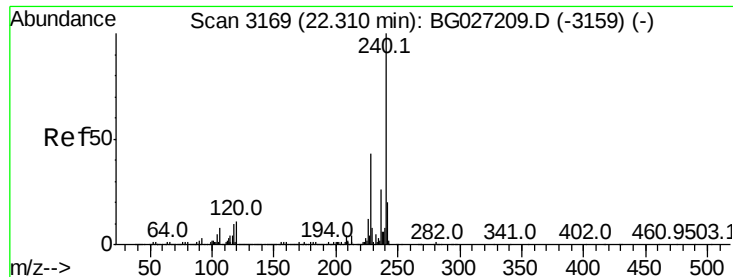
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.1	13.7
104	5.0	6.7	10.1#



#74
Fluoranthene
Concen: 46.27 ng
RT: 19.90 min Scan# 2760
Delta R.T. -0.04 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3160

Delta R.T. -0.06 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

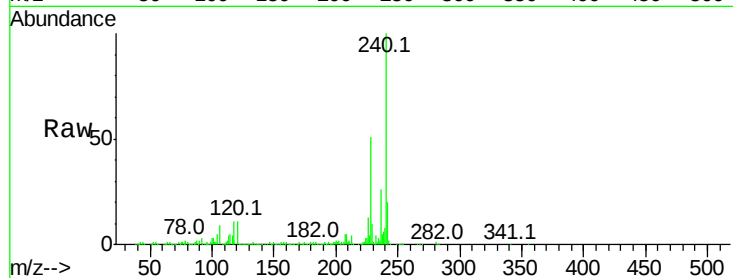
Tot Ion:240 Resp: 445796

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

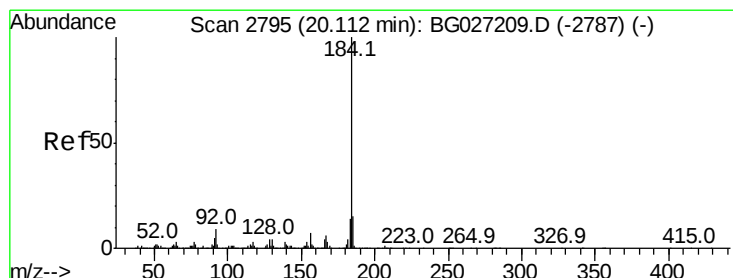
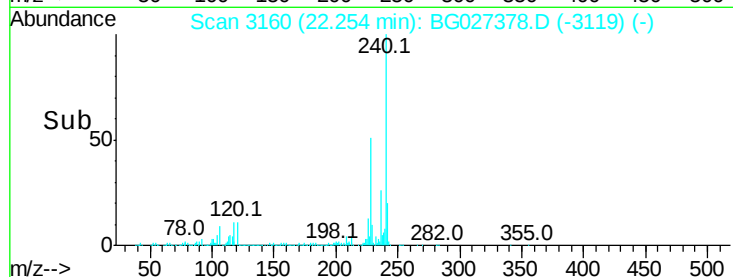
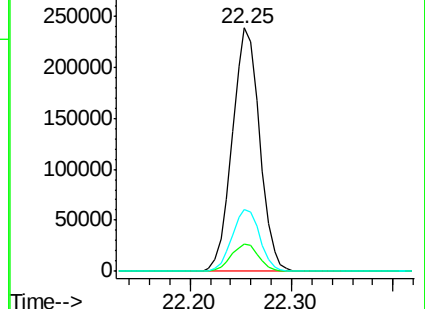
236 25.6 22.2 33.4



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: 3.49 ng

RT: 20.09 min Scan# 2791

Delta R.T. -0.03 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

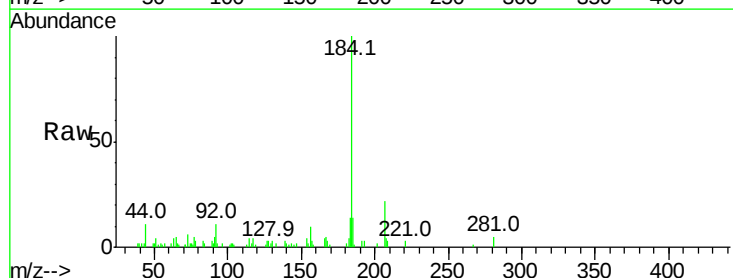
Tgt Ion:184 Resp: 46834

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

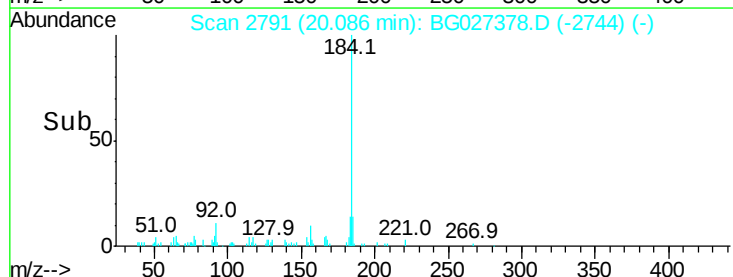
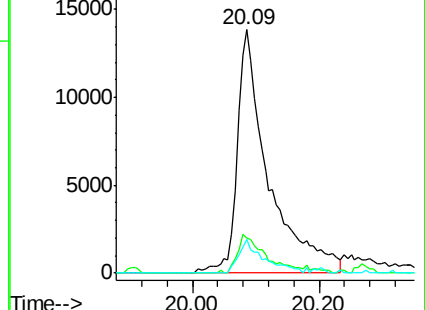
183 13.7 11.0 16.6



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: 38.40 ng

RT: 20.27 min Scan# 2822

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

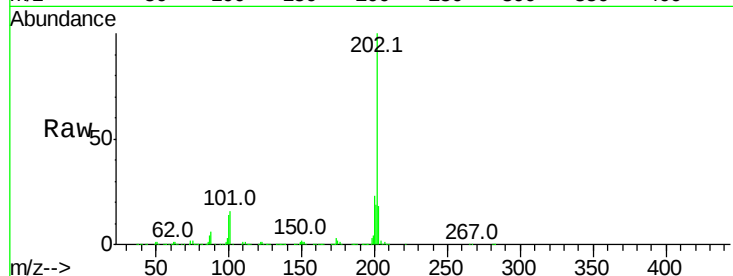
Tot Ion:202 Resp: 1034242

Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.6	29.4
203	18.5	15.8	23.8

202 100

200 23.1 19.6 29.4

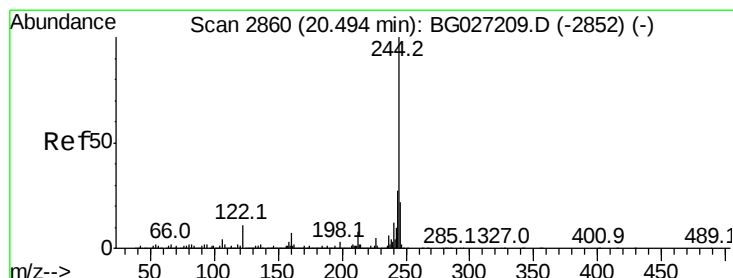
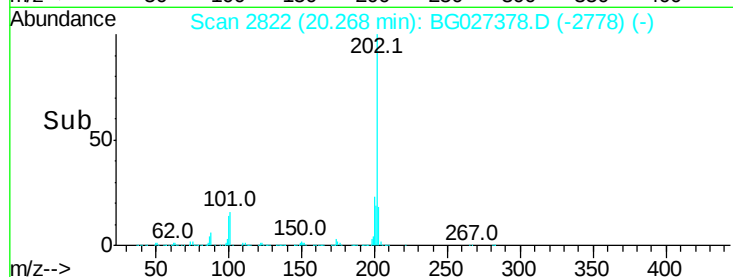
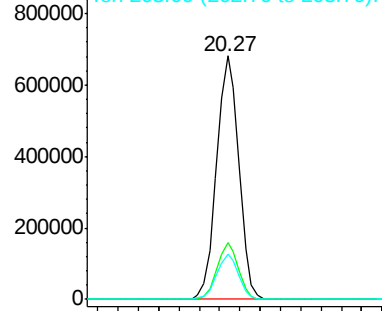
203 18.5 15.8 23.8



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: 83.95 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

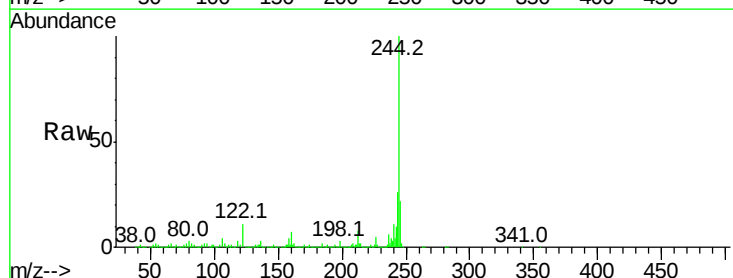
Tgt Ion:244 Resp: 1467107

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	11.5	8.6	12.8

244 100

212 8.0 10.0 15.0#

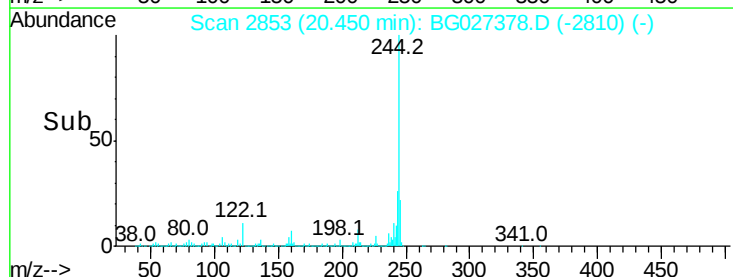
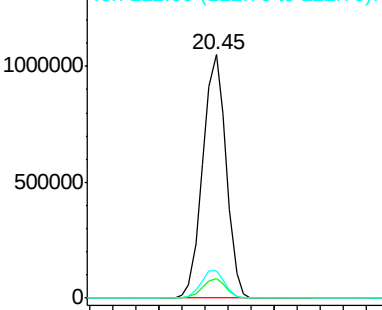
122 11.5 8.6 12.8

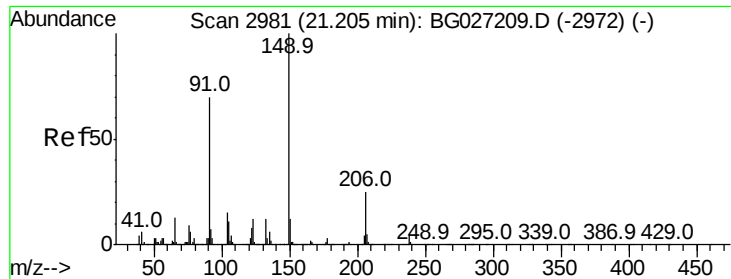


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

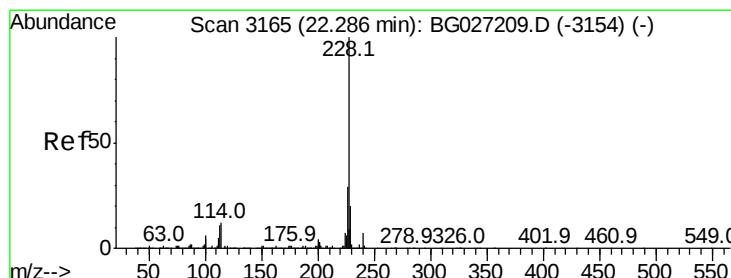
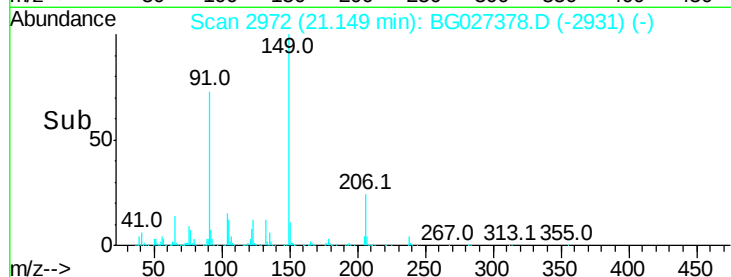
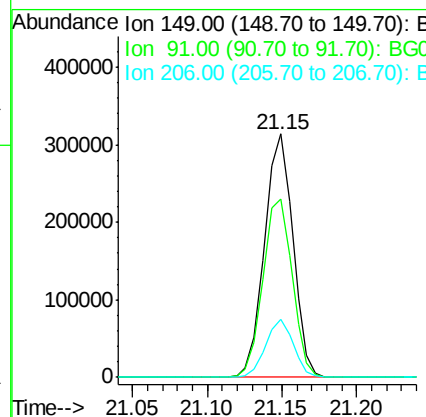
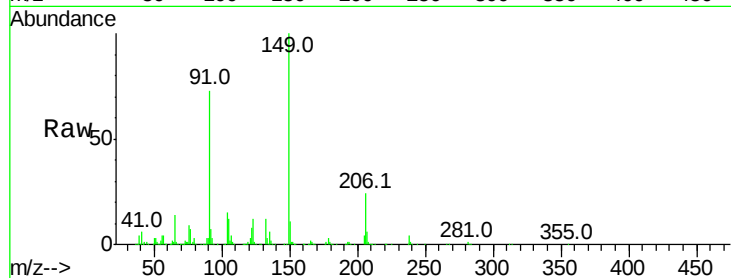




#79
Butylbenzylphthalate
Concen: 43.19 ng
RT: 21.15 min Scan# 2972
Delta R.T. -0.06 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

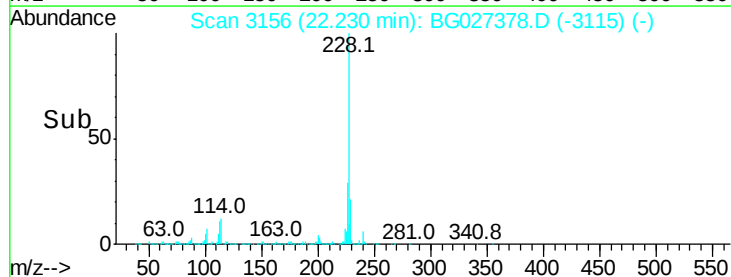
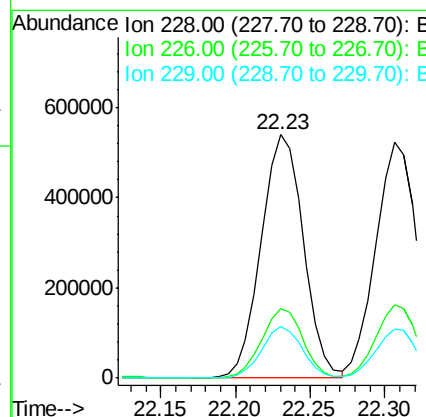
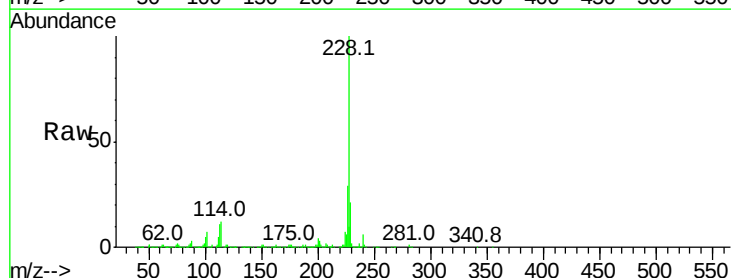
Instrument :
BNA_G
ClientSampleId :

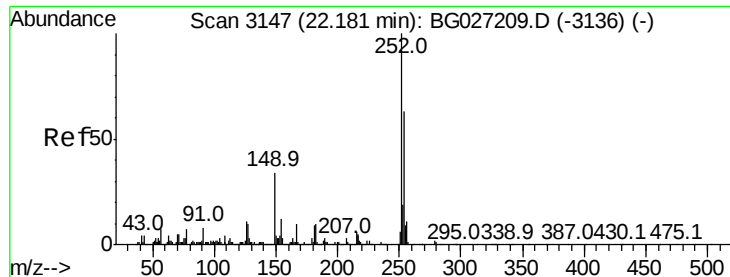
Tot Ion:149 Resp: 411029
Ion Ratio Lower Upper
149 100
91 73.3 63.5 95.3
206 23.7 21.0 31.6



#80
Benzo(a)anthracene
Concen: 41.82 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.06 min
Lab File: BG027378.D
Acq: 12 Jun 2017 16:50

Tgt Ion:228 Resp: 1063091
Ion Ratio Lower Upper
228 100
226 28.8 24.9 37.3
229 21.4 18.2 27.2

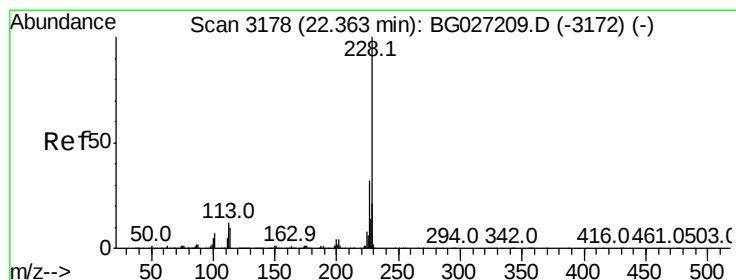
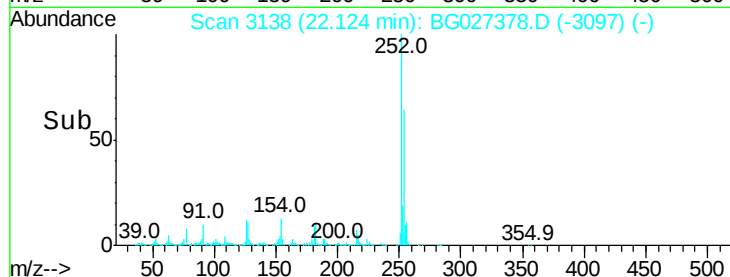
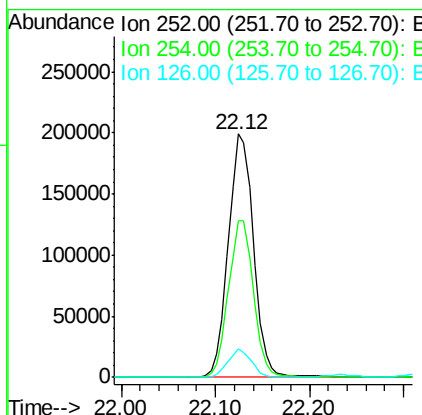
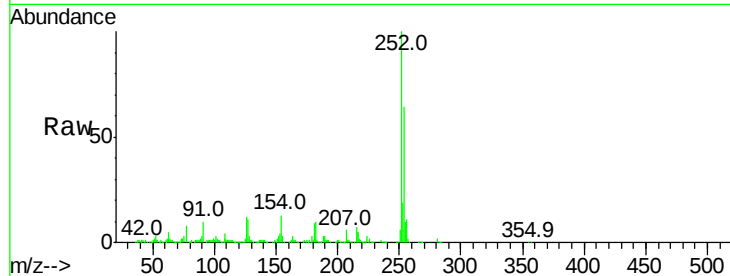




#81
 3,3'-Dichlorobenzidine
 Concen: 37.56 ng
 RT: 22.12 min Scan# 3138
 Delta R.T. -0.06 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

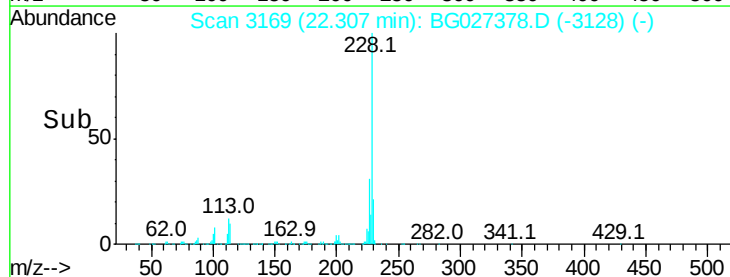
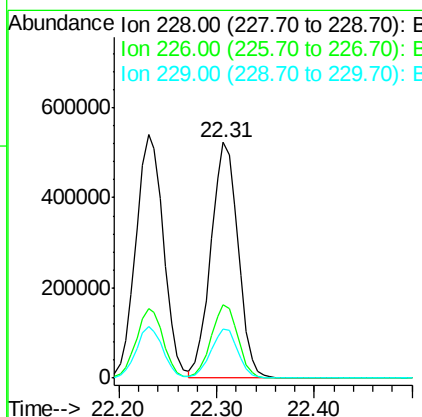
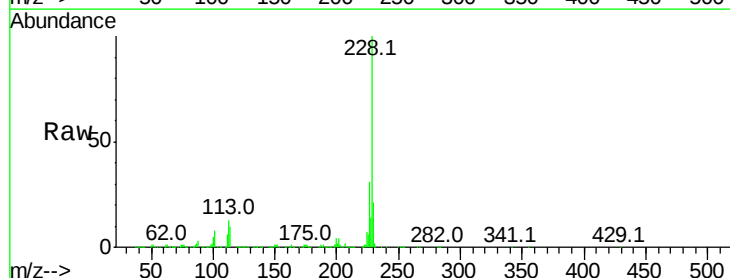
Instrument :
 BNA_G
 ClientSampled :

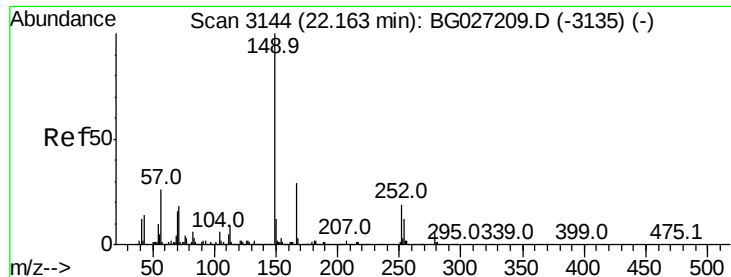
Tot Ion:252 Resp: 371525
 Ion Ratio Lower Upper
 252 100
 254 64.4 53.1 79.7
 126 11.5 7.0 10.4#



#82
 Chrysene
 Concen: 41.06 ng
 RT: 22.31 min Scan# 3169
 Delta R.T. -0.06 min
 Lab File: BG027378.D
 Acq: 12 Jun 2017 16:50

Tgt Ion:228 Resp: 1002095
 Ion Ratio Lower Upper
 228 100
 226 31.2 27.0 40.4
 229 20.9 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.55 ng

RT: 22.09 min Scan# 3132

Delta R.T. -0.07 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

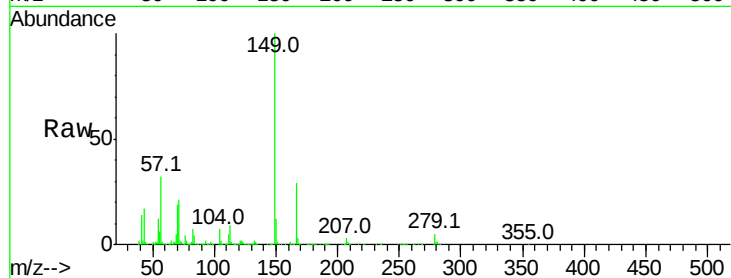
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 597669

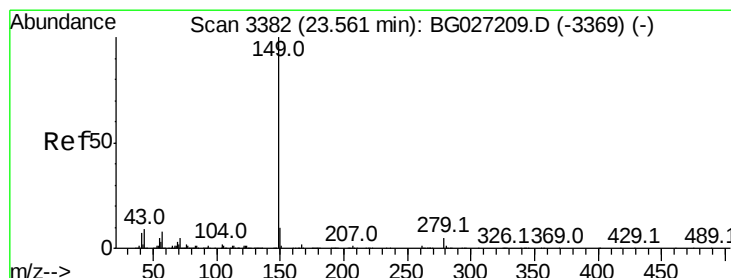
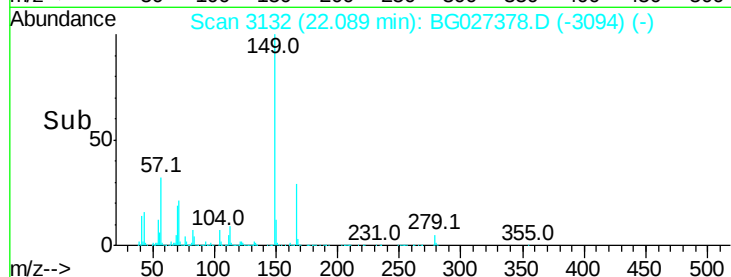
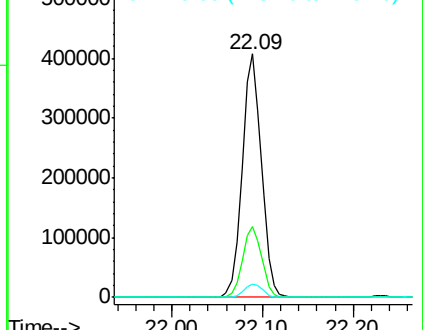
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.3	4.6	6.8



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: 42.34 ng

RT: 23.46 min Scan# 3365

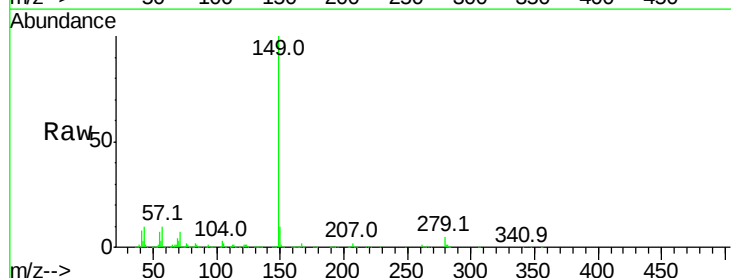
Delta R.T. -0.10 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Tgt Ion:149 Resp: 1008694

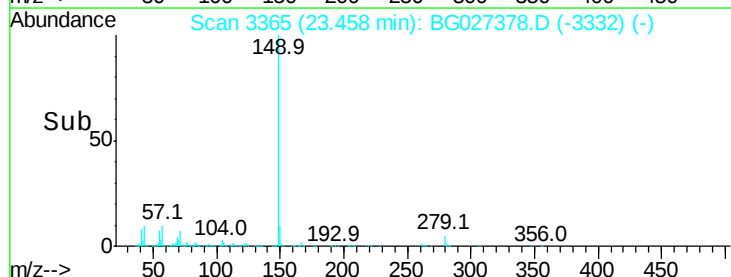
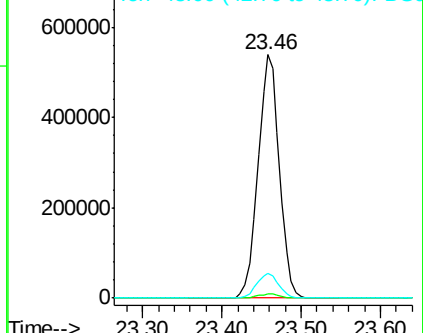
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.4	11.8	17.6

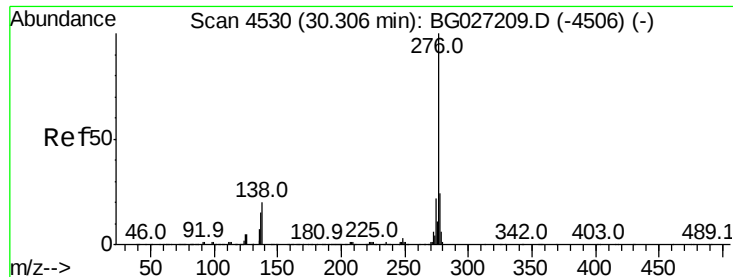


Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.02 ng

RT: 30.16 min Scan# 4505

Delta R.T. -0.15 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampled :

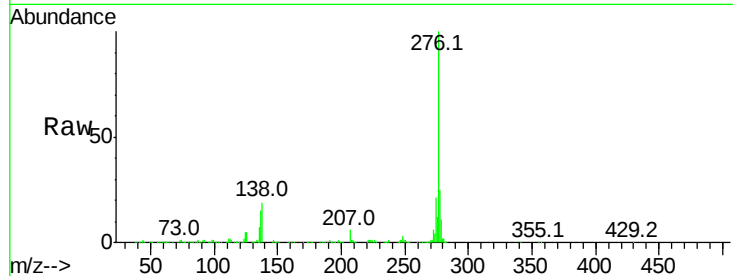
Tot Ion:276 Resp: 1242221

Ion Ratio Lower Upper

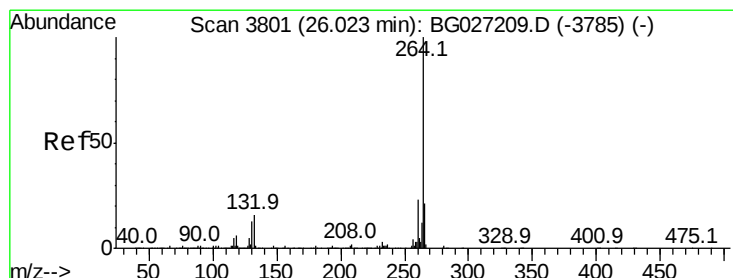
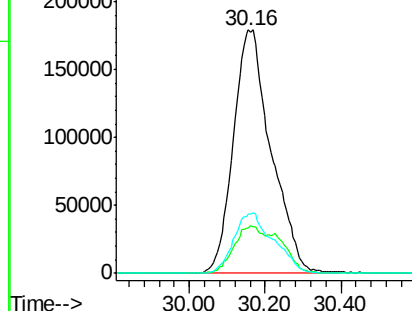
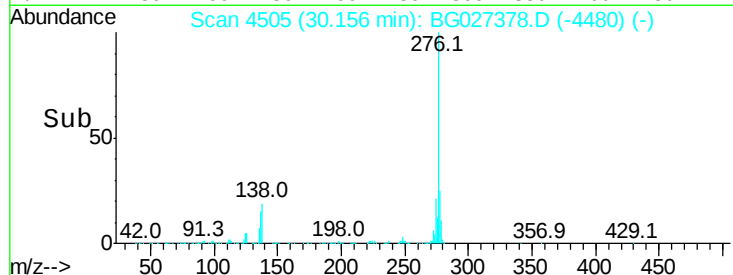
276 100

138 15.3 4.7 7.1#

277 26.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.93 min Scan# 3785

Delta R.T. -0.10 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

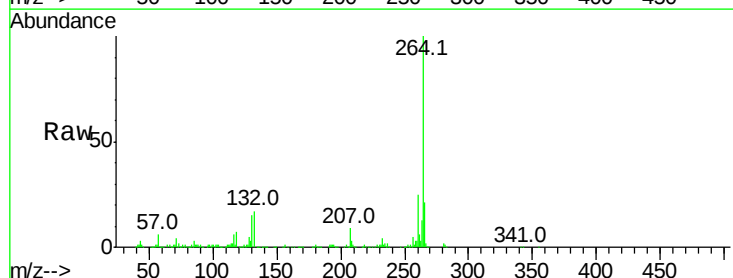
Tgt Ion:264 Resp: 413137

Ion Ratio Lower Upper

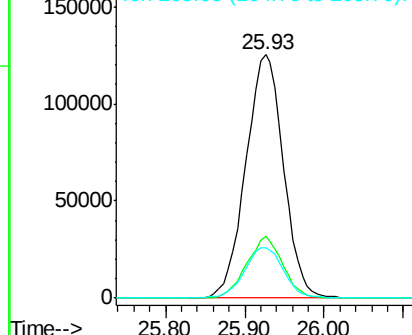
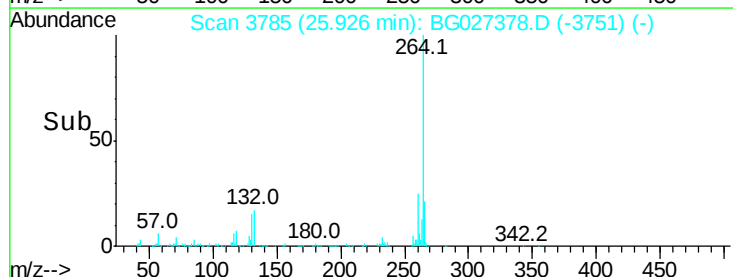
264 100

260 25.3 21.8 32.8

265 20.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.00 ng

RT: 24.75 min Scan# 3585

Delta R.T. -0.09 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

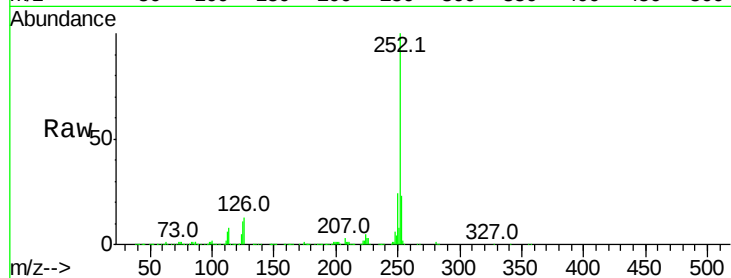
Tot Ion:252 Resp: 1076246

Ion Ratio Lower Upper

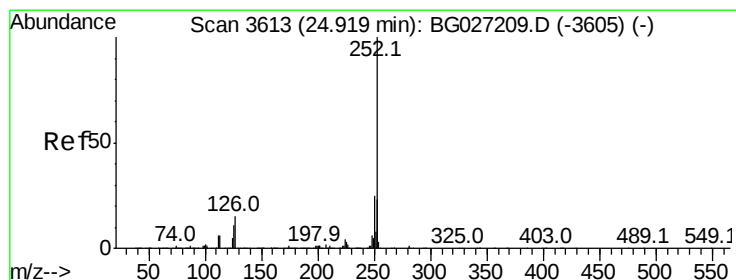
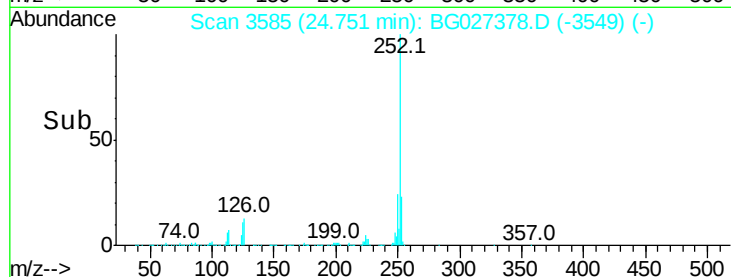
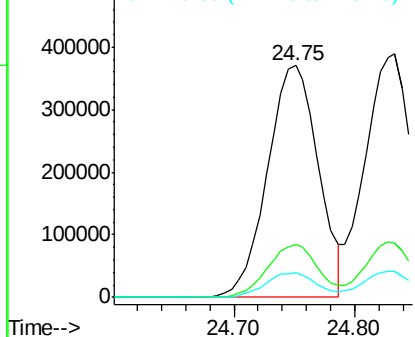
252 100

253 22.6 18.7 28.1

125 10.6 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: 42.78 ng

RT: 24.83 min Scan# 3599

Delta R.T. -0.09 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

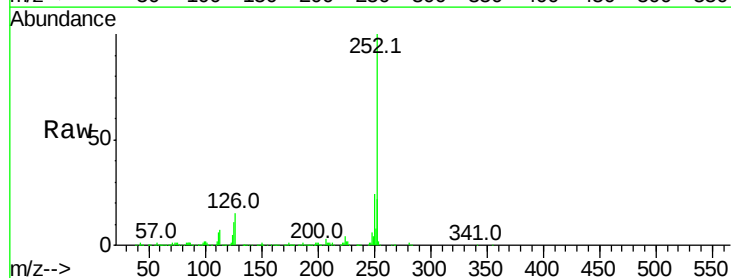
Tgt Ion:252 Resp: 1075358

Ion Ratio Lower Upper

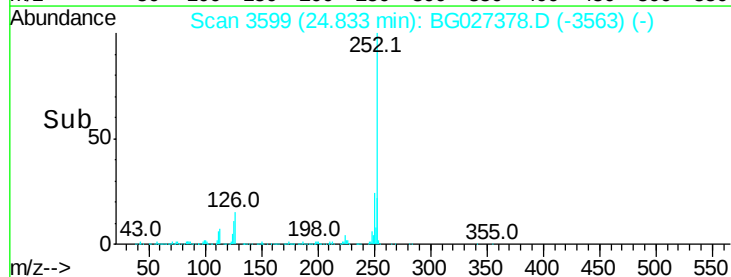
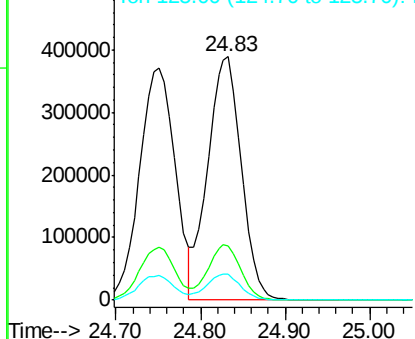
252 100

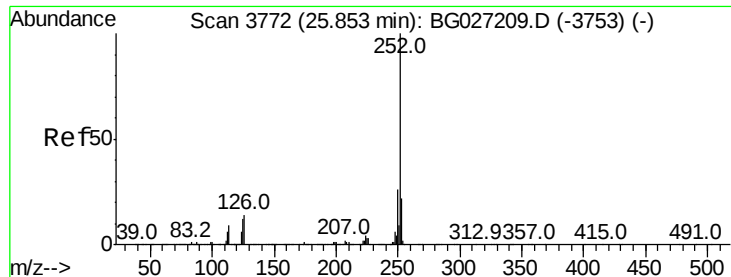
253 22.4 20.2 30.2

125 10.5 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: 42.16 ng

RT: 25.75 min Scan# 3755

Delta R.T. -0.10 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

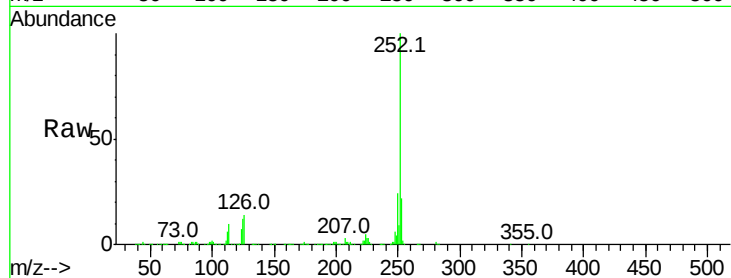
Tot Ion:252 Resp: 1016925

Ion Ratio Lower Upper

252 100

253 22.3 19.2 28.8

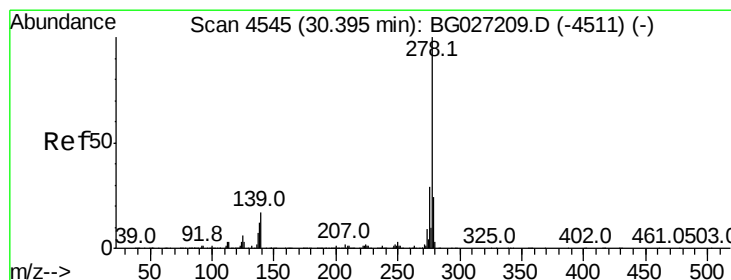
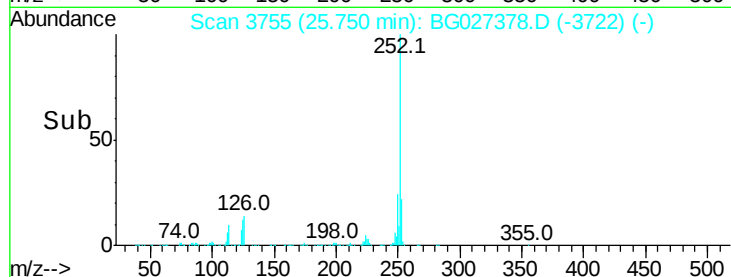
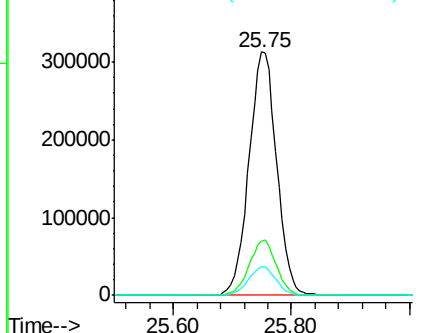
125 11.9 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.82 ng

RT: 30.23 min Scan# 4518

Delta R.T. -0.16 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

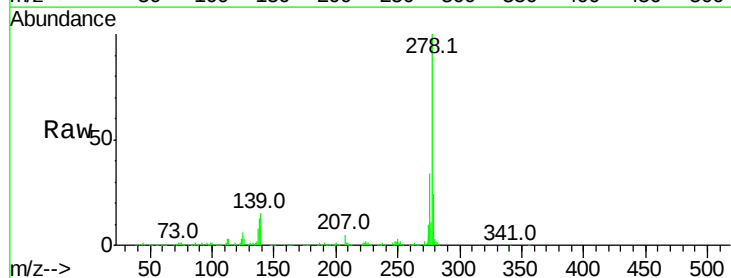
Tgt Ion:278 Resp: 1081241

Ion Ratio Lower Upper

278 100

139 15.0 7.7 11.5#

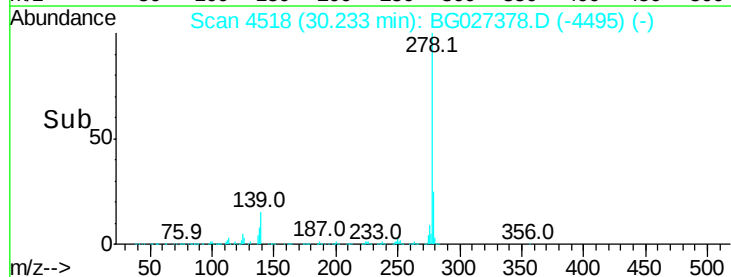
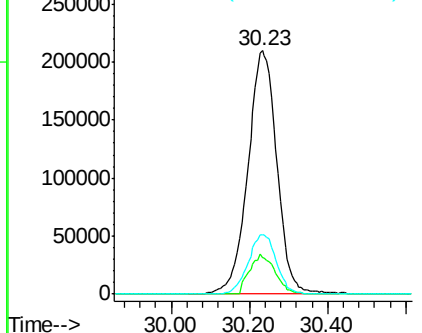
279 24.4 19.1 28.7

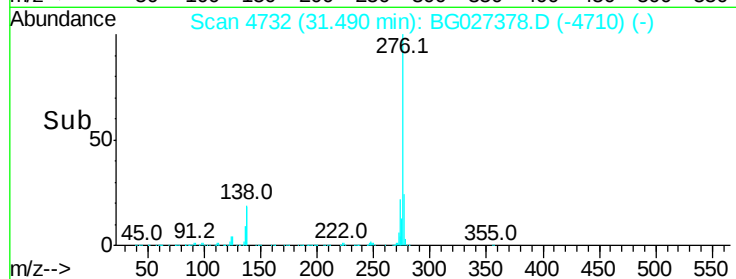
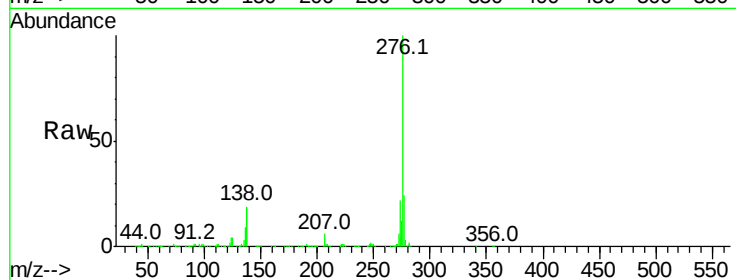
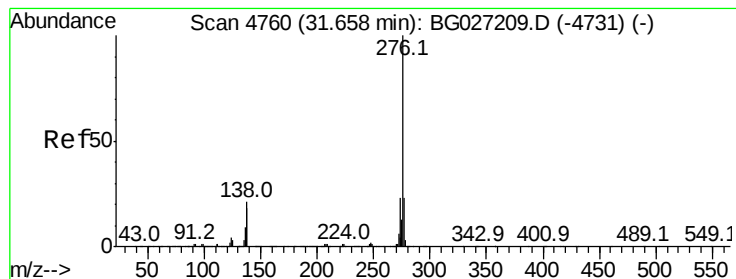


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.30 ng

RT: 31.49 min Scan# 4732

Delta R.T. -0.17 min

Lab File: BG027378.D

Acq: 12 Jun 2017 16:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1034266

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 19.5 8.1 12.1#

