

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027241.D
 Acq On : 6 Jun 2017 9:42
 Operator : SJ/MA
 Sample : I3398-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:03:06 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	8.56	152	52750	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	247489	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	157456	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	369831	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	421783	20.00	ng	-0.01
86) Perylene-d12	25.99	264	390065	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	570314	164.98	ng	0.00
7) Phenol-d6	7.70	99	805947	158.83	ng	0.00
23) Nitrobenzene-d5	9.73	82	438197	111.35	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	341121	164.52	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1076681	95.66	ng	0.00
78) Terphenyl-d14	20.48	244	1538929	93.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.16	88	51315	35.80	ng	# 79
3) Pyridine	4.54	79	149067	33.74	ng	# 71
4) n-Nitrosodimethylamine	4.45	42	74098	45.29	ng	# 54
6) Aniline	7.89	93	139705	21.86	ng	# 92
8) 2-Chlorophenol	8.14	128	182342	49.95	ng	88
9) Benzaldehyde	7.71	77	29164	8.31	ng	94
10) Phenol	7.73	94	284212	54.77	ng	77
11) bis(2-Chloroethyl)ether	7.98	93	177040	41.59	ng	# 82
12) 1,3-Dichlorobenzene	8.46	146	171893	41.75	ng	# 92
13) 1,4-Dichlorobenzene	8.61	146	175289	41.49	ng	96
14) 1,2-Dichlorobenzene	8.93	146	172682	41.90	ng	92
15) Benzyl Alcohol	8.79	79	174946	48.93	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.09	45	241891	39.71	ng	92
17) 2-Methylphenol	8.98	107	172375	46.99	ng	# 86
18) Hexachloroethane	9.66	117	60183	42.28	ng	89
19) n-Nitroso-di-n-propylamine	9.36	70	151847	42.78	ng	# 84
20) 3+4-Methylphenols	9.30	107	240034	47.24	ng	88
22) Acetophenone	9.39	105	281392	44.46	ng	# 82
24) Nitrobenzene	9.77	77	208371	46.48	ng	# 87
25) Isophorone	10.30	82	404749	43.74	ng	# 96
26) 2-Nitrophenol	10.49	139	93779	50.33	ng	# 74
27) 2,4-Dimethylphenol	10.52	122	199473	50.14	ng	92
28) bis(2-Chloroethoxy)methane	10.77	93	260120	43.41	ng	99
29) 2,4-Dichlorophenol	11.02	162	186498	51.35	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	178786	44.45	ng	98
31) Naphthalene	11.44	128	571323	42.24	ng	100
32) Benzoic acid	10.59	122	23350	15.09	ng	# 79
33) 4-Chloroaniline	11.54	127	76055	13.49	ng	# 85
34) Hexachlorobutadiene	11.71	225	104786	42.39	ng	100
35) Caprolactam	12.31	113	35075	28.16	ng	# 75
36) 4-Chloro-3-methylphenol	12.61	107	220811	48.50	ng	92
37) 2-Methylnaphthalene	13.01	142	428170	43.40	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	210553	42.92	ng	99
40) Hexachlorocyclopentadiene	13.34	237	220055	84.29	ng	95

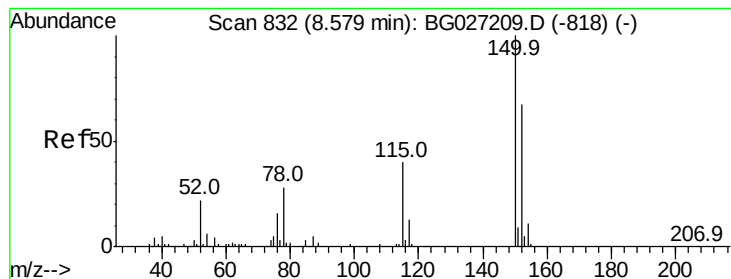
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	154643	51.98	nq	96
43) 2,4,5-Trichlorophenol	13.66	196	161090	48.39	nq	95
45) 1,1'-Biphenyl	13.99	154	564806	43.95	nq	98
46) 2-Chloronaphthalene	14.04	162	430402	44.67	nq	99
47) 2-Nitroaniline	14.23	65	134785	49.02	nq	# 78
48) Acenaphthylene	14.88	152	690291	42.33	nq	98
49) Dimethylphthalate	14.59	163	750995	60.12	nq	98
50) 2,6-Dinitrotoluene	14.71	165	119217	47.10	nq	# 76
51) Acenaphthene	15.22	154	498139	46.96	nq	99
52) 3-Nitroaniline	15.04	138	62578	26.43	nq	90
53) 2,4-Dinitrophenol	15.24	184	100733	81.63	nq	97
54) Dibenzofuran	15.55	168	689086	46.49	nq	92
55) 4-Nitrophenol	15.33	139	218971	91.83	nq	# 55
56) 2,4-Dinitrotoluene	15.50	165	164942	50.40	nq	# 84
57) Fluorene	16.20	166	564380	42.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	155888	52.45	nq	100
59) Diethylphthalate	15.94	149	576509	46.27	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	286305	43.17	nq	94
61) 4-Nitroaniline	16.21	138	127654	47.47	nq	# 65
62) Azobenzene	16.47	77	568194	49.21	nq	90
64) 4,6-Dinitro-2-methylphenol	16.26	198	89860	52.78	nq	91
65) n-Nitrosodiphenylamine	16.39	169	507267	43.75	nq	98
66) 4-Bromophenyl-phenylether	17.08	248	190015	43.41	nq	98
67) Hexachlorobenzene	17.20	284	202079	42.92	nq	91
68) Atrazine	17.33	200	184679	47.63	nq	97
69) Pentachlorophenol	17.54	266	250522	90.78	nq	96
70) Phenanthrene	17.95	178	882632	42.42	nq	96
71) Anthracene	18.04	178	905102	43.42	nq	99
72) Carbazole	18.30	167	809581	41.18	nq	95
73) Di-n-butylphthalate	18.83	149	962781	50.50	nq	# 94
74) Fluoranthene	19.93	202	1014610	45.64	nq	95
76) Benzidine	20.10	184	294204	23.16	nq	96
77) Pyrene	20.30	202	1032458	40.51	nq	97
79) Butylbenzylphthalate	21.18	149	427673	47.49	nq	94
80) Benzo(a)anthracene	22.27	228	1037355	43.13	nq	97
81) 3,3'-Dichlorobenzidine	22.17	252	196419	20.99	nq	# 96
82) Chrysene	22.35	228	937228	40.58	nq	97
83) Bis(2-ethylhexyl)phthalate	22.14	149	622122	45.72	nq	99
84) Di-n-octyl phthalate	23.53	149	1052678	46.71	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1212950	43.37	nq	# 93
87) Benzo(b)fluoranthene	24.81	252	1060732	43.85	nq	# 97
88) Benzo(k)fluoranthene	24.89	252	1006717	42.42	nq	# 93
89) Benzo(a)pyrene	25.82	252	997143	43.79	nq	# 96
90) Dibenzo(a,h)anthracene	30.36	278	1038387	43.56	nq	# 95
91) Benzo(g,h,i)perylene	31.61	276	989913	42.88	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

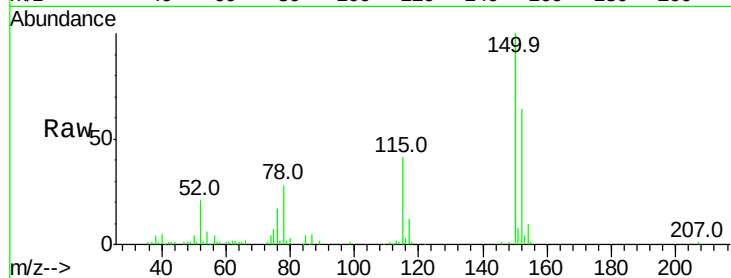
Tot Ion:152 Resp: 52750

Ion Ratio Lower Upper

152 100

150 155.6 114.0 171.0

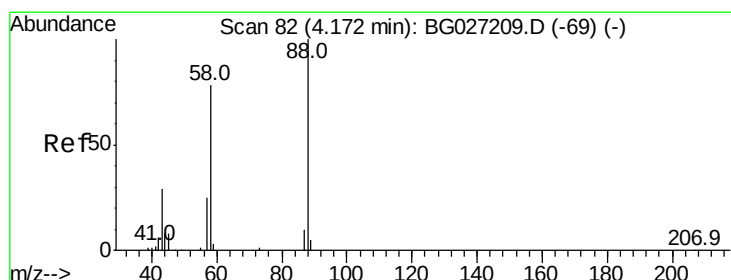
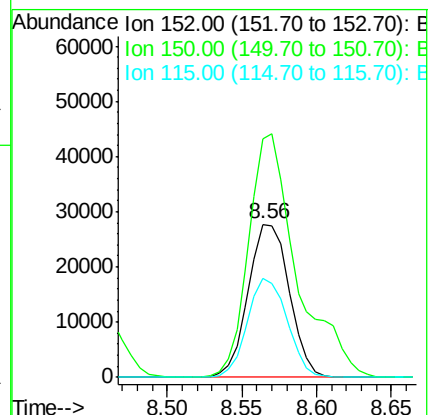
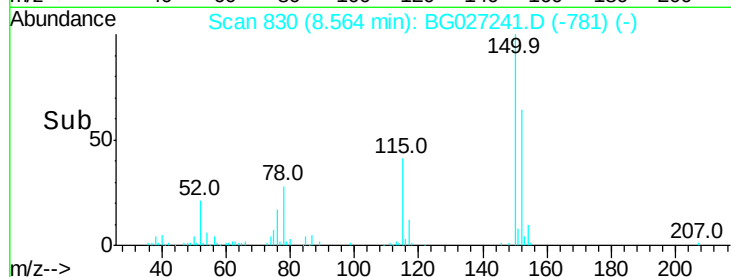
115 64.5 48.1 72.1



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: 35.80 ng

RT: 4.16 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

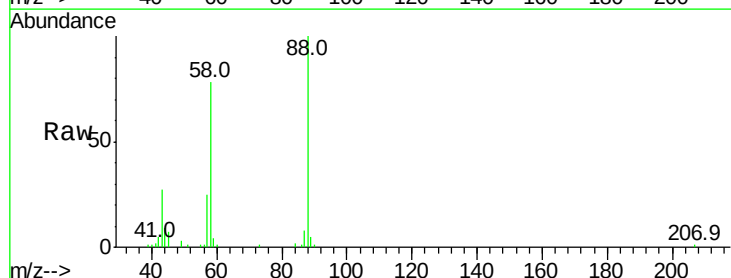
Tgt Ion: 88 Resp: 51315

Ion Ratio Lower Upper

88 100

58 77.5 79.4 119.2#

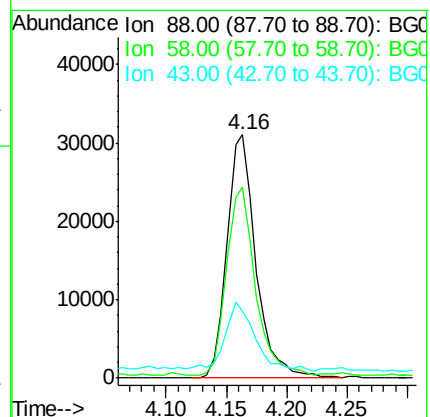
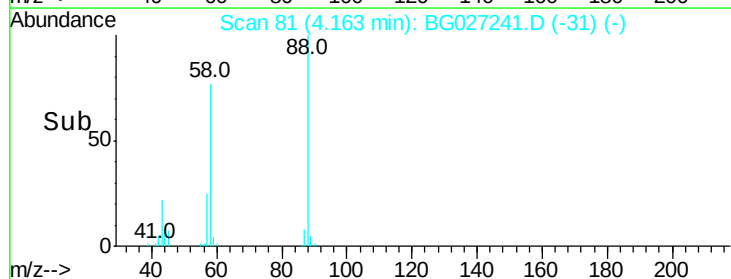
43 29.8 33.8 50.6#

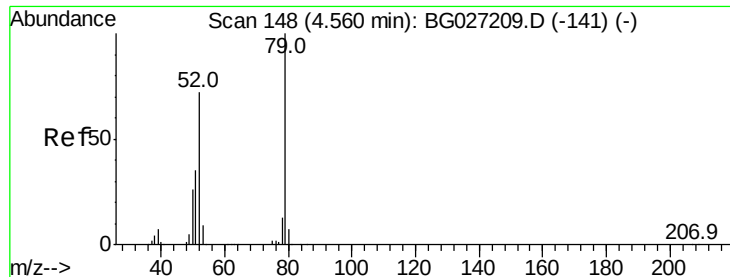


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.74 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

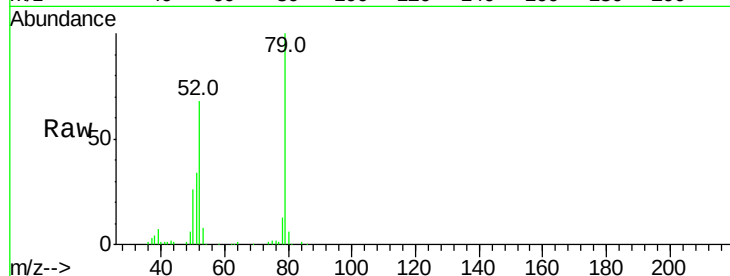
Tot Ion: 79 Resp: 149067

Ion Ratio Lower Upper

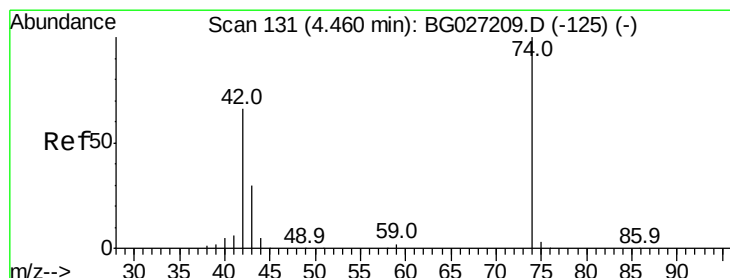
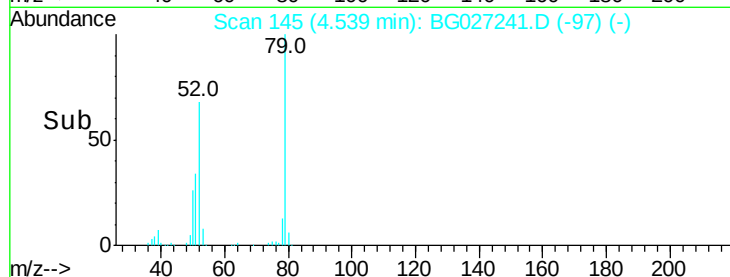
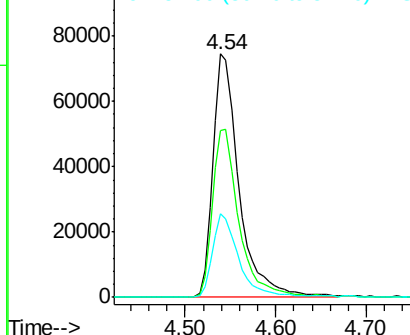
79 100

52 68.4 77.8 116.6#

51 34.4 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: 45.29 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

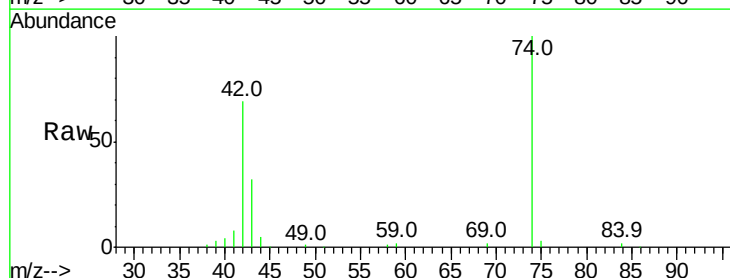
Tgt Ion: 42 Resp: 74098

Ion Ratio Lower Upper

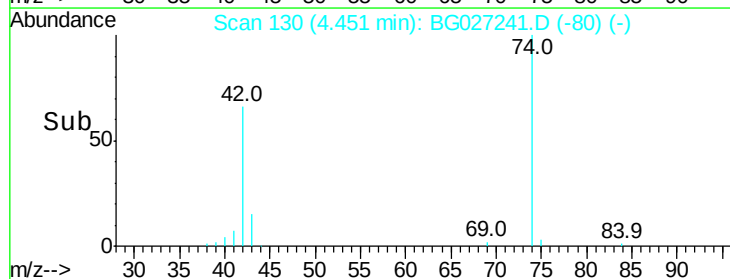
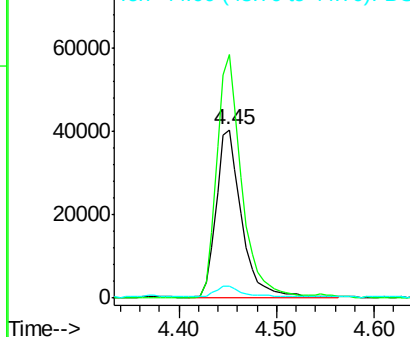
42 100

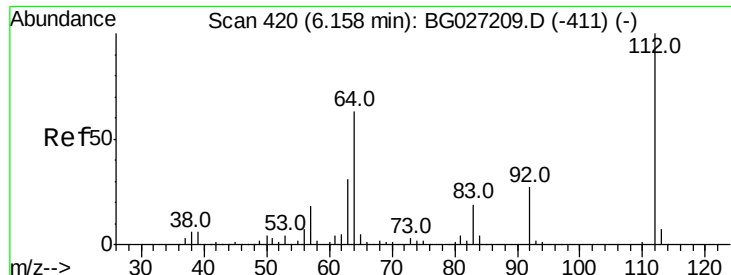
74 144.6 76.7 115.1#

44 7.1 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: 164.98 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

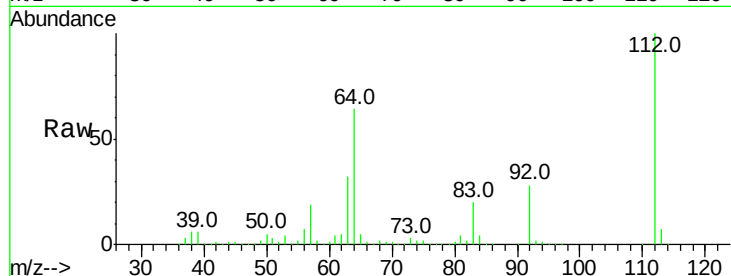
Tot Ion:112 Resp: 570314

Ion Ratio Lower Upper

112 100

64 64.4 61.8 92.6

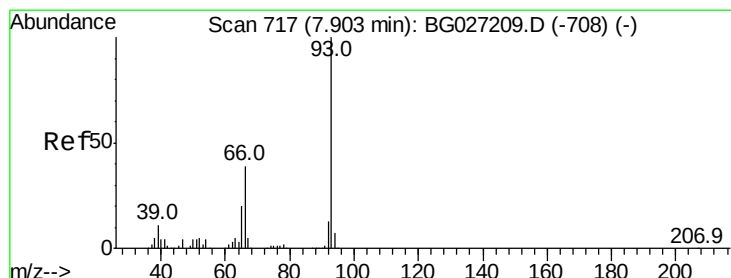
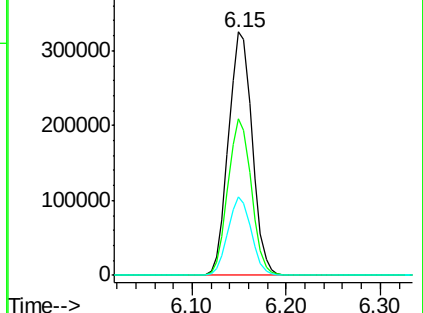
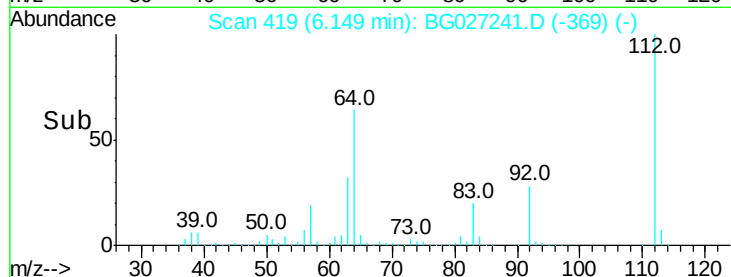
63 32.1 37.2 55.8#



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: 21.86 ng

RT: 7.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

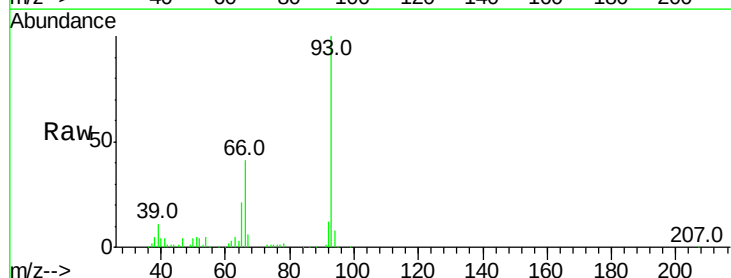
Tgt Ion: 93 Resp: 139705

Ion Ratio Lower Upper

93 100

66 40.8 35.4 53.2

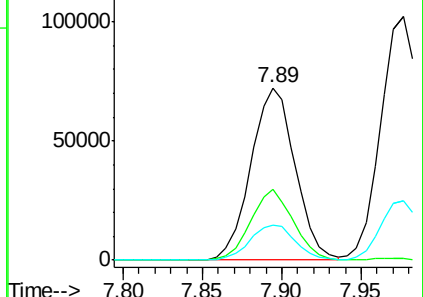
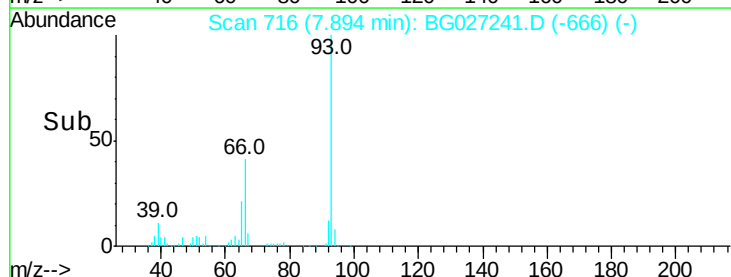
65 20.7 21.2 31.8#

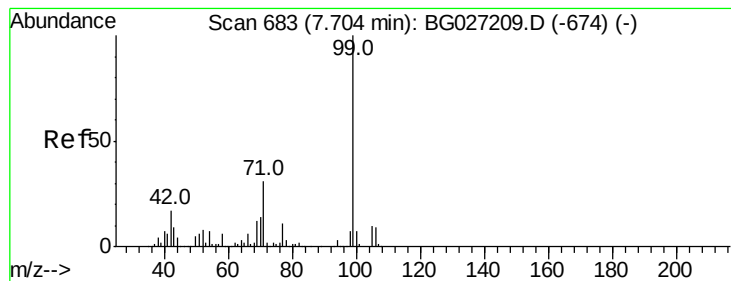


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.83 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

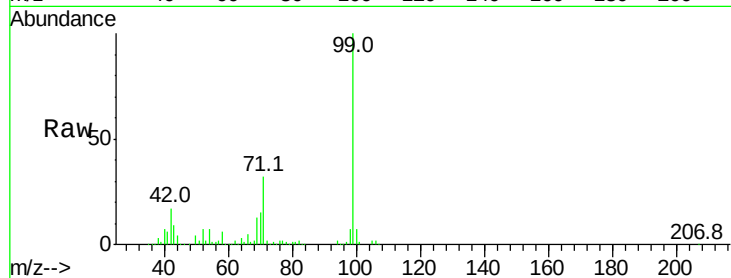
Tot Ion: 99 Resp: 805947

Ion Ratio Lower Upper

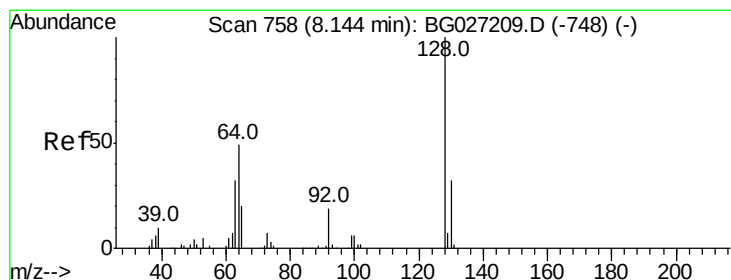
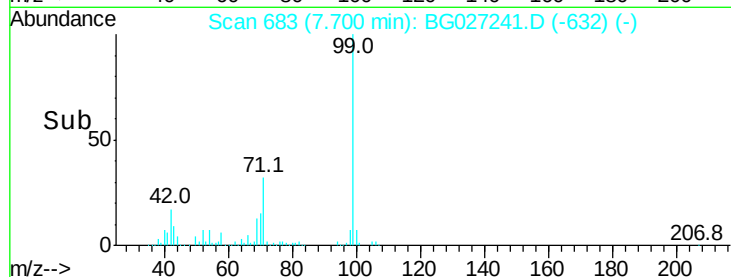
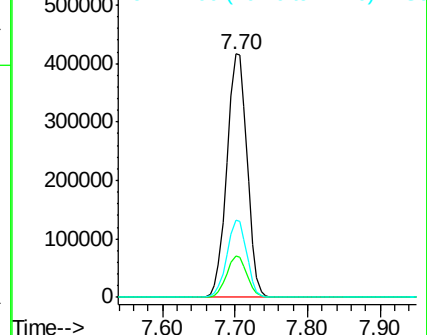
99 100

42 16.9 20.5 30.7#

71 31.7 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: 49.95 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

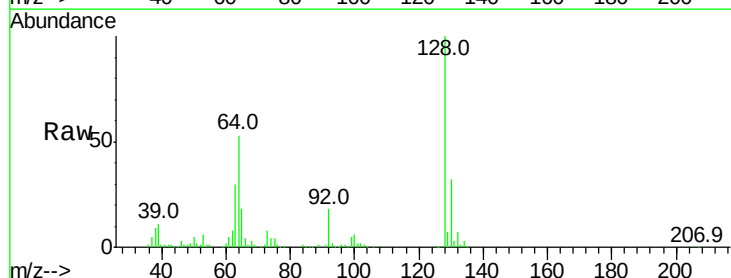
Tgt Ion: 128 Resp: 182342

Ion Ratio Lower Upper

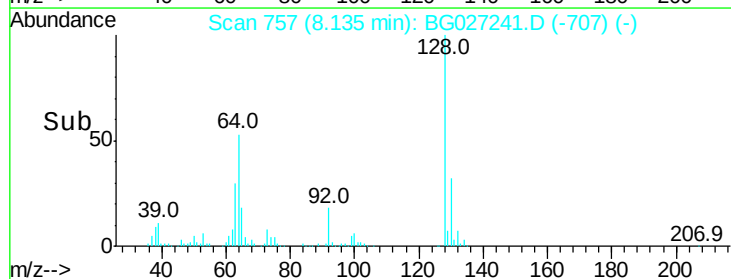
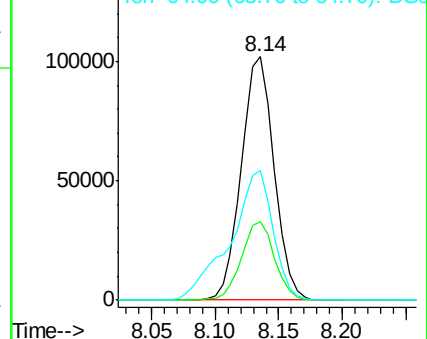
128 100

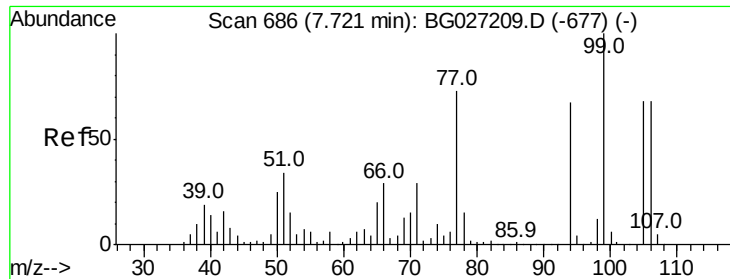
130 32.5 11.4 51.4

64 53.1 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: 8.31 ng

RT: 7.71 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

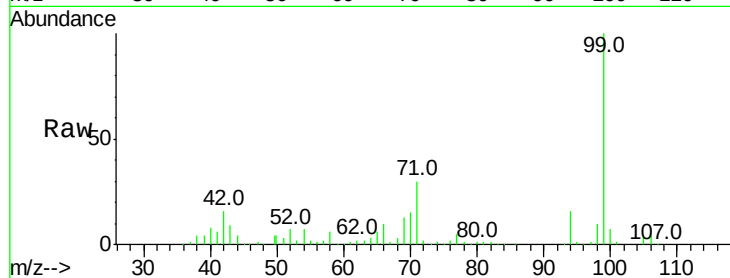
Tot Ion: 77 Resp: 29164

Ion Ratio Lower Upper

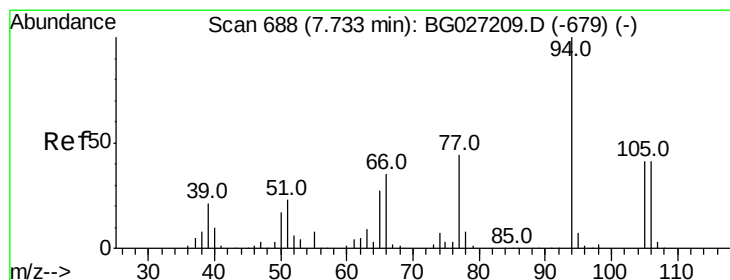
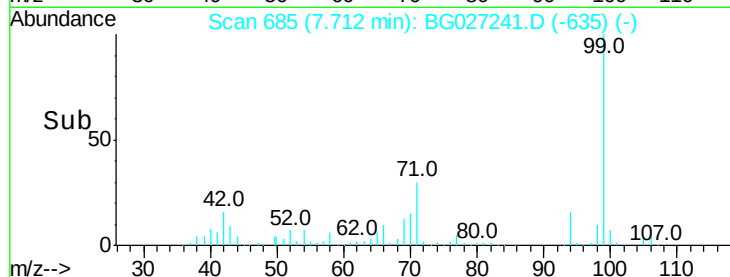
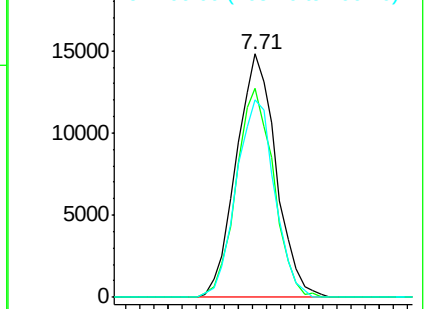
77 100

105 85.9 60.9 100.9

106 80.9 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: 54.77 ng

RT: 7.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

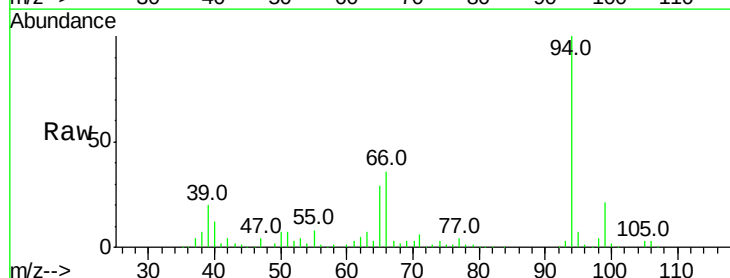
Tgt Ion: 94 Resp: 284212

Ion Ratio Lower Upper

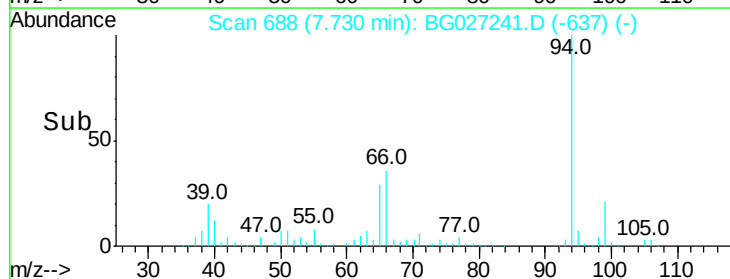
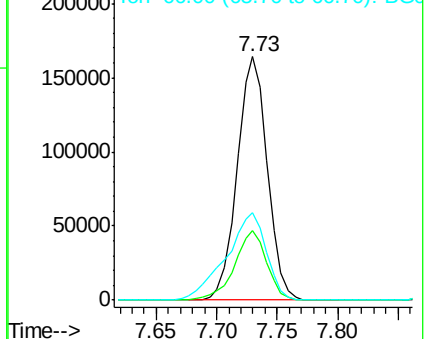
94 100

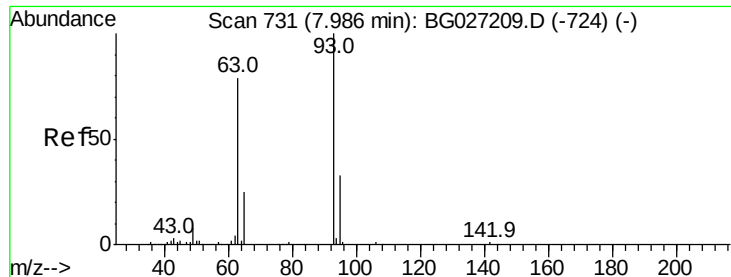
65 28.8 20.6 60.6

66 36.1 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: 41.59 ng

RT: 7.98 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

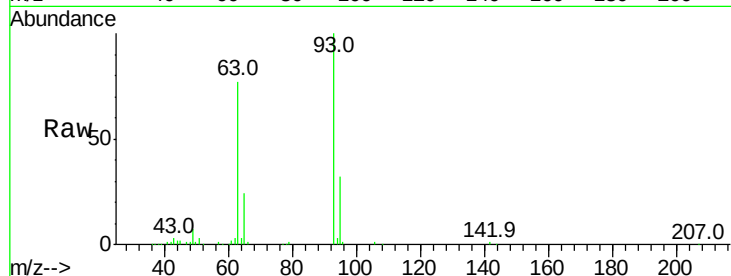
Tot Ion: 93 Resp: 177040

Ion Ratio Lower Upper

93 100

63 77.3 78.5 118.5#

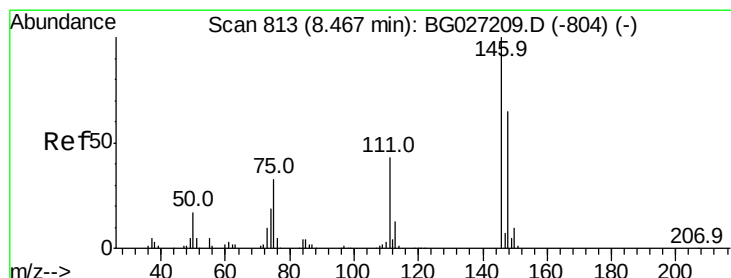
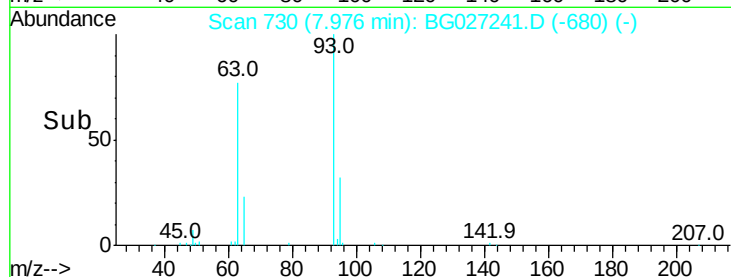
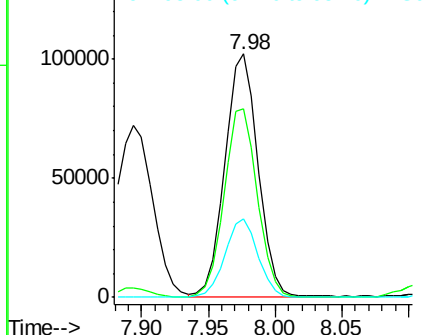
95 32.4 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.75 ng

RT: 8.46 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

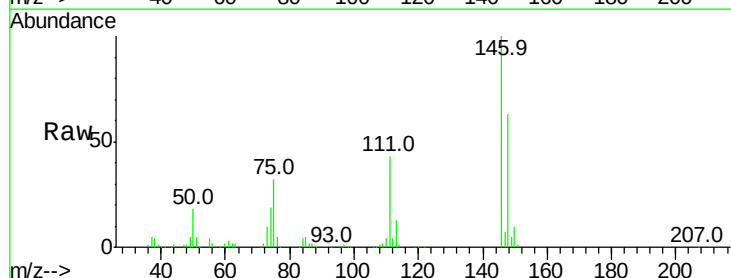
Tgt Ion: 146 Resp: 171893

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

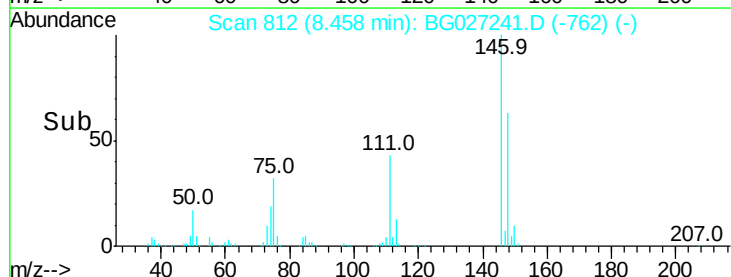
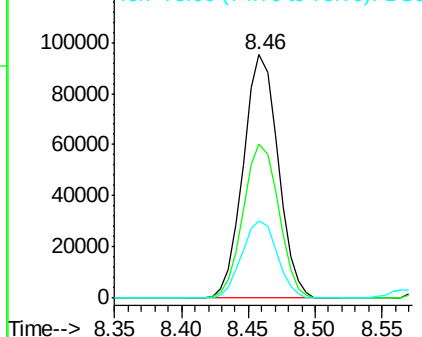
75 31.8 33.4 50.2#

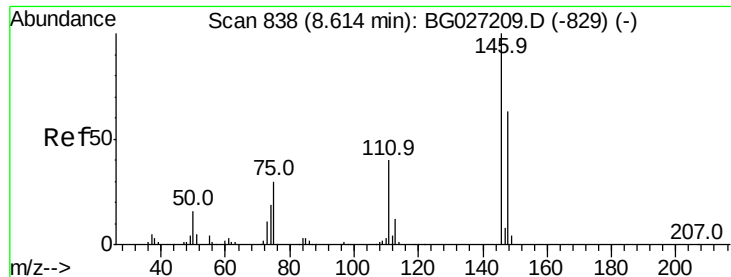


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

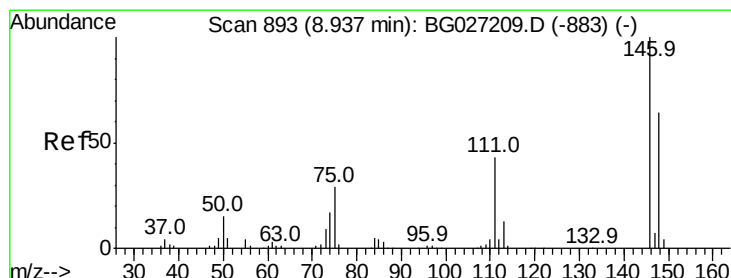
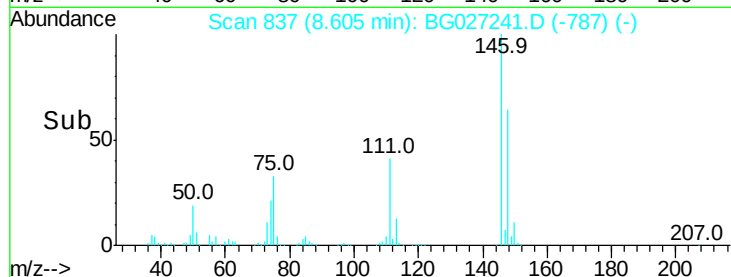
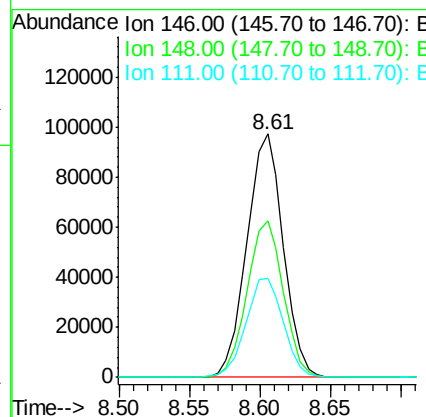
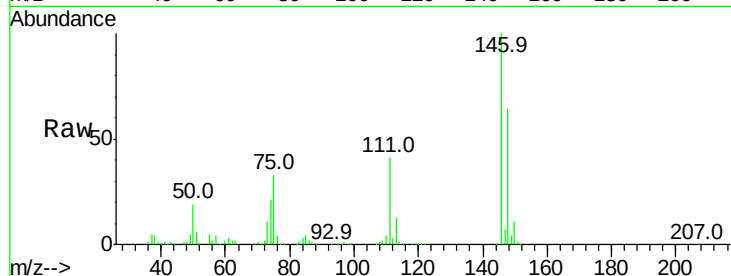




#13
1,4-Dichlorobenzene
Concen: 41.49 ng
RT: 8.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

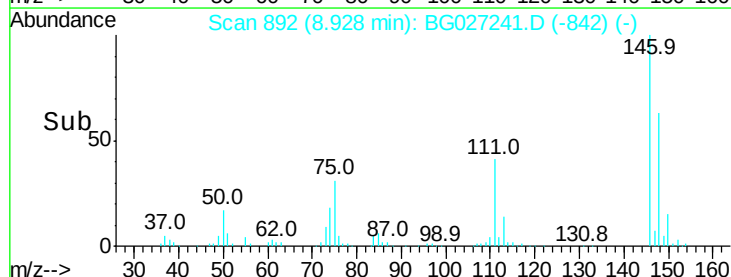
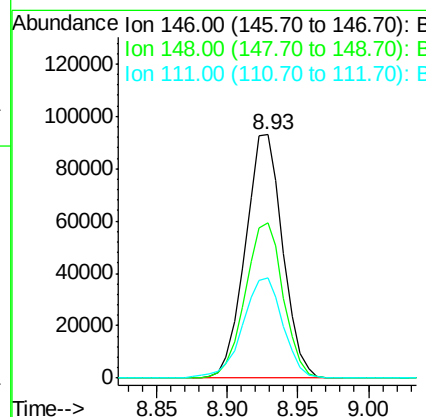
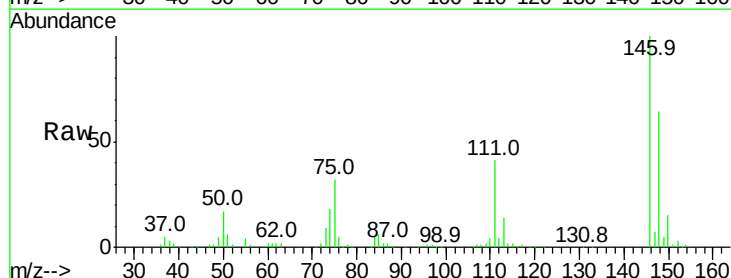
Instrument :
BNA_G
ClientSampleId :

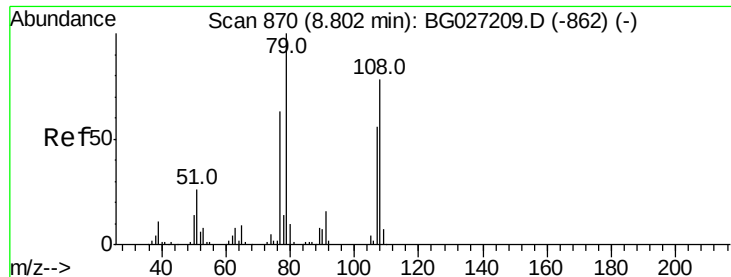
Tot Ion:146 Resp: 175289
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.2
111 40.5 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 41.90 ng
RT: 8.93 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:146 Resp: 172682
Ion Ratio Lower Upper
146 100
148 63.7 54.6 81.8
111 41.4 39.7 59.5





#15

Benzyl Alcohol

Concen: 48.93 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

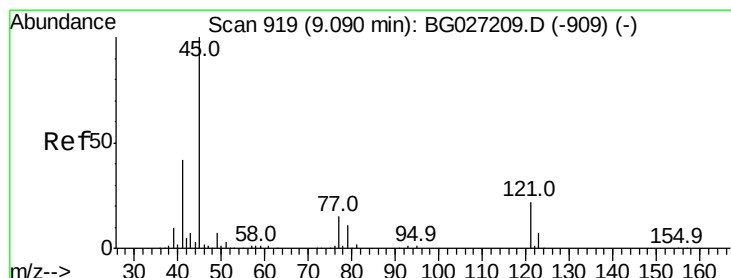
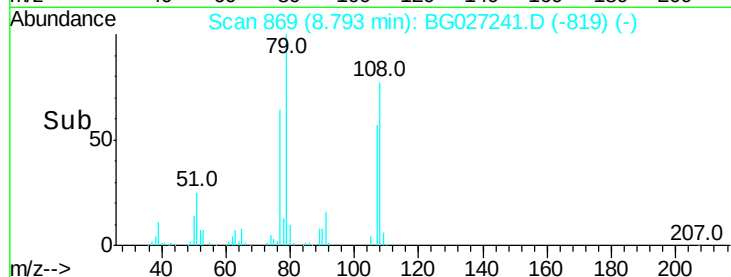
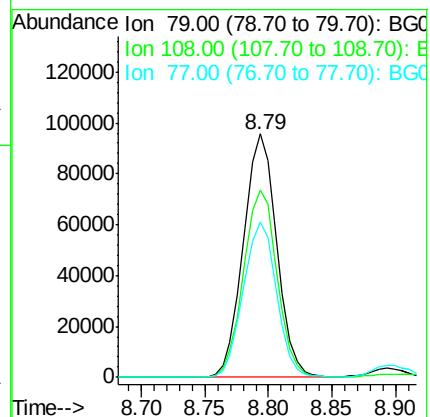
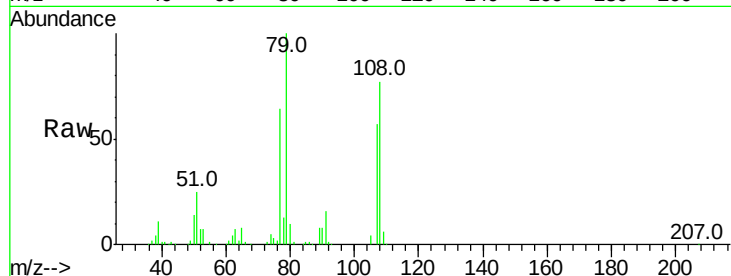
Tot Ion: 79 Resp: 174946

Ion Ratio Lower Upper

79 100

108 76.9 45.5 68.3#

77 63.7 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.71 ng

RT: 9.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

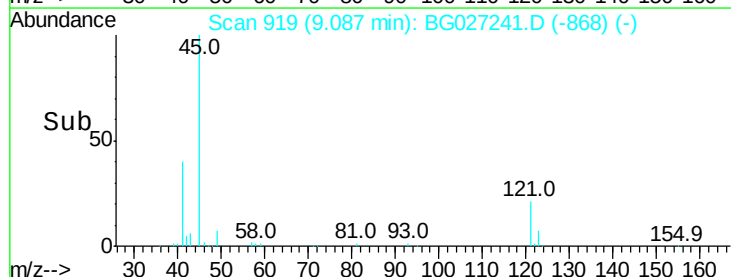
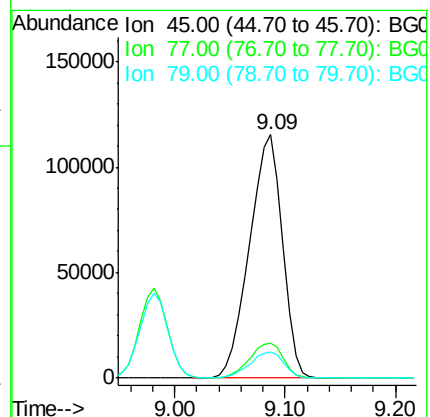
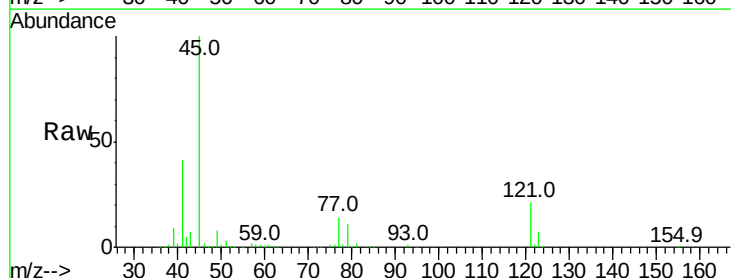
Tgt Ion: 45 Resp: 241891

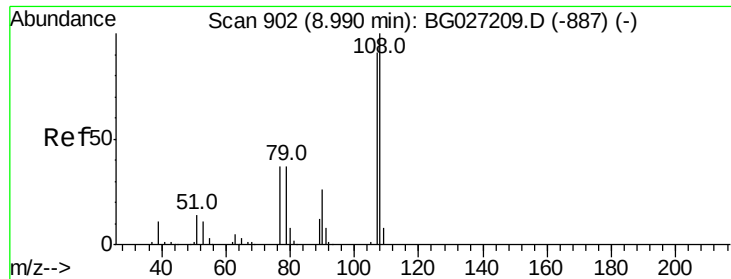
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.6

79 10.7 0.0 28.5





#17

2-Methylphenol

Concen: 46.99 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 172375

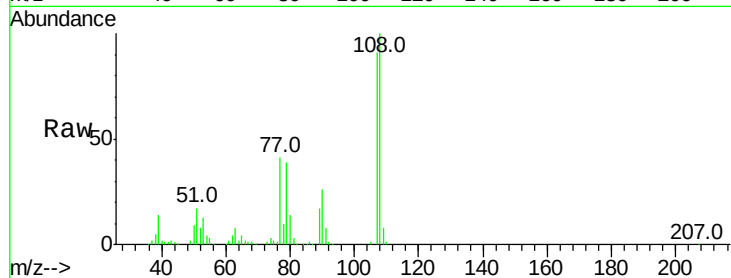
Ion Ratio Lower Upper

107 100

108 110.5 85.6 128.4

77 45.5 51.4 77.2#

79 43.5 49.2 73.8#

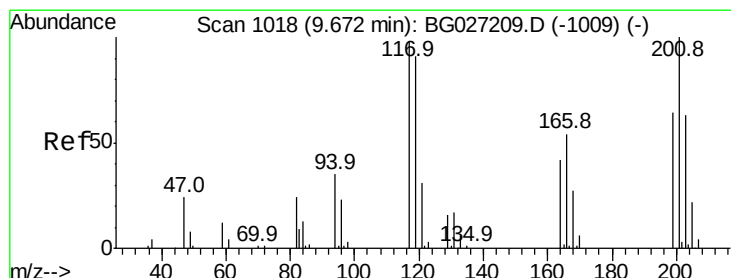
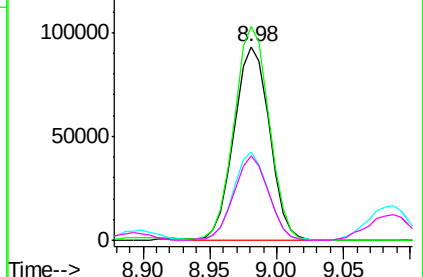
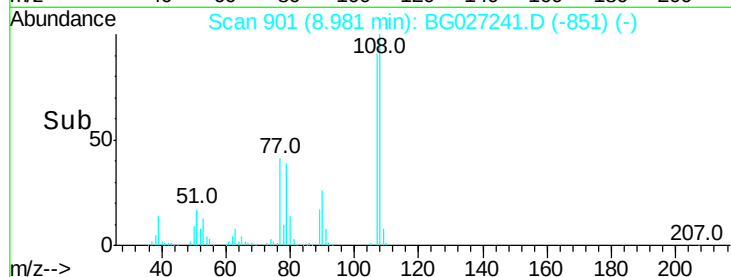


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.28 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

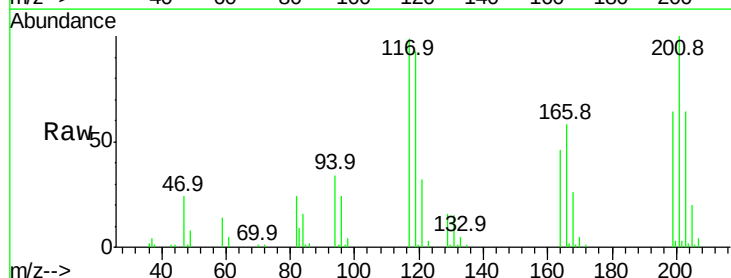
Tgt Ion:117 Resp: 60183

Ion Ratio Lower Upper

117 100

119 94.7 69.8 104.6

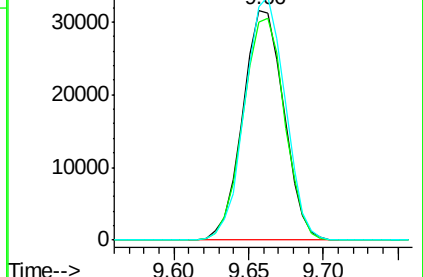
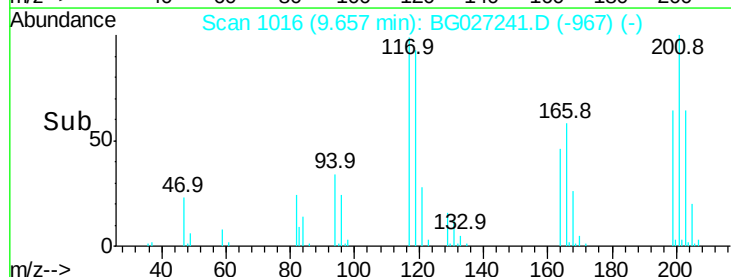
201 104.4 95.4 143.0

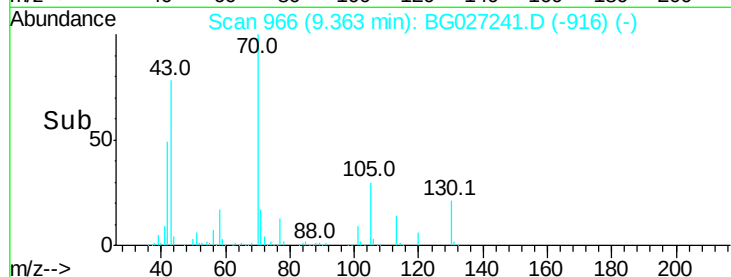
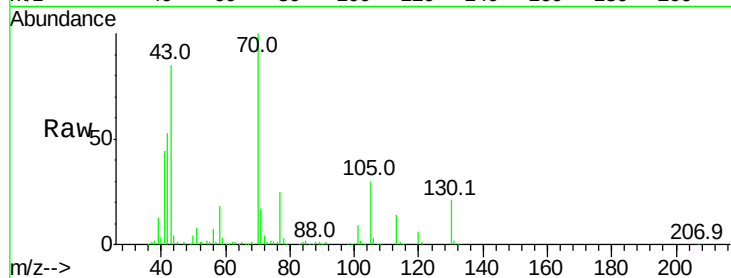
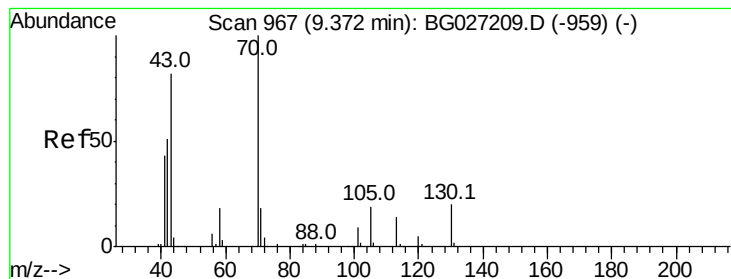


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.78 ng

RT: 9.36 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 151847

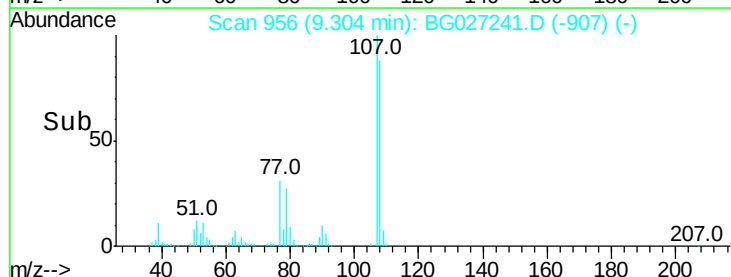
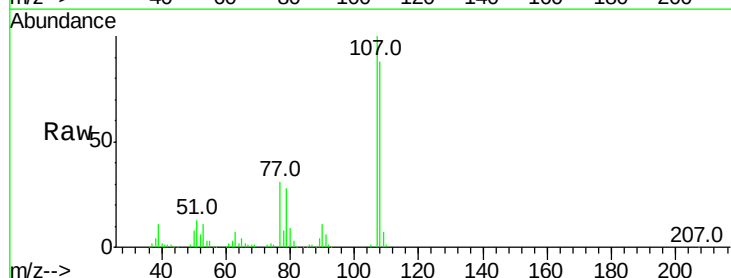
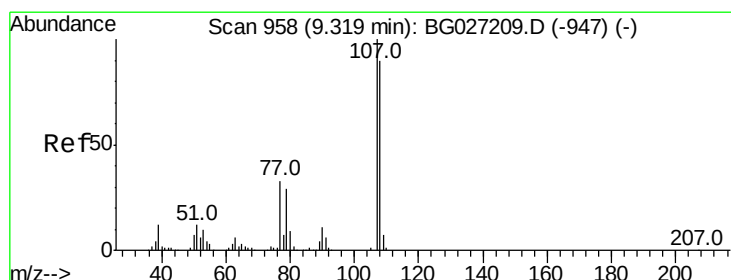
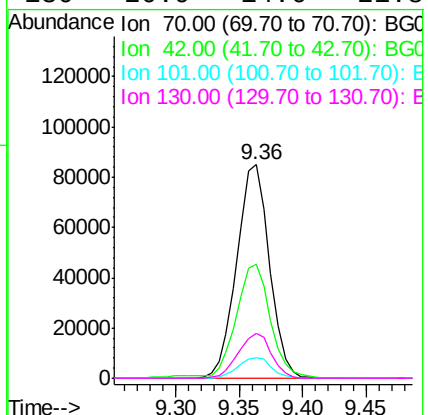
Ion Ratio Lower Upper

70 100

42 53.5 56.1 84.1#

101 9.5 7.5 11.3

130 20.9 14.6 21.8



#20

3+4-Methylphenols

Concen: 47.24 ng

RT: 9.30 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion: 107 Resp: 240034

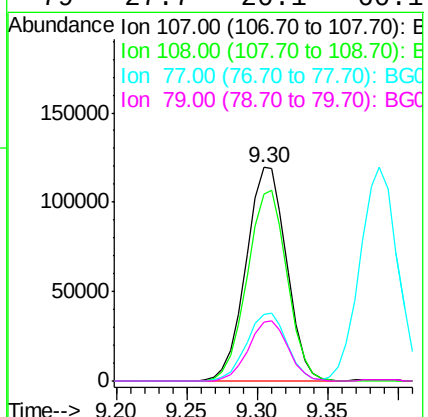
Ion Ratio Lower Upper

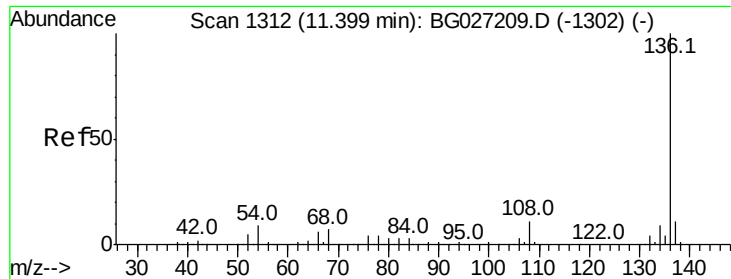
107 100

108 87.7 70.8 110.8

77 31.1 25.8 65.8

79 27.7 20.1 60.1

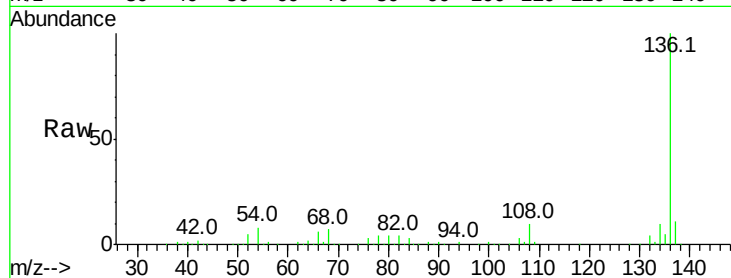




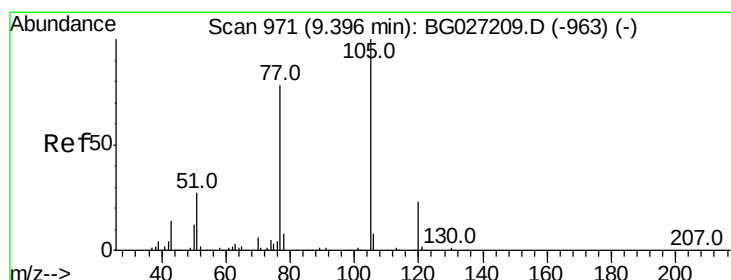
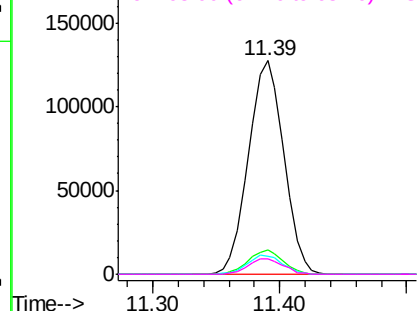
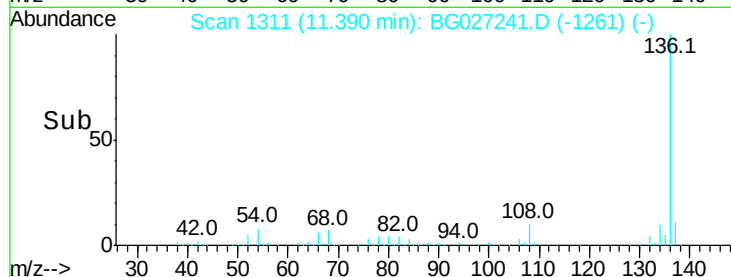
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	247489
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	9.3	13.9#
68	7.1	5.1	7.7

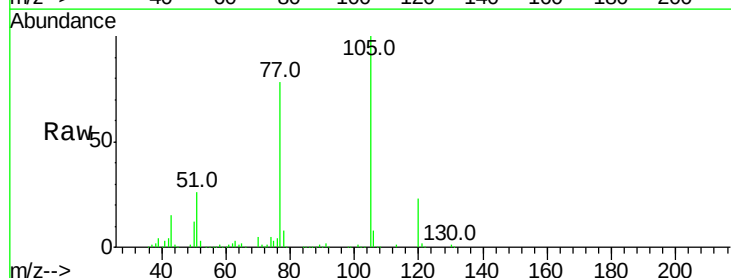


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

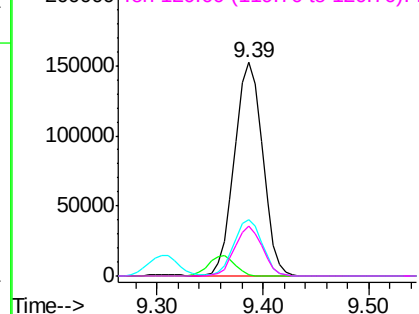
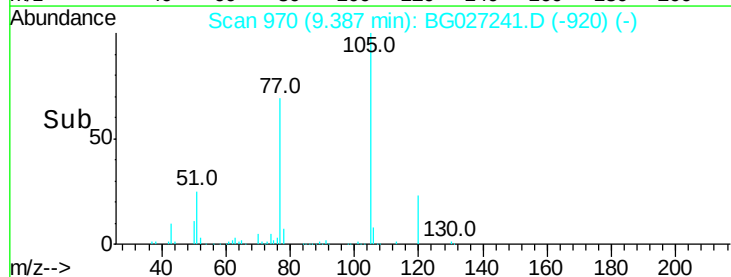


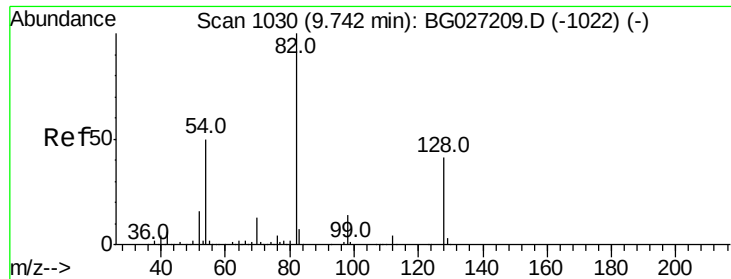
#22
Acetophenone
Concen: 44.46 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:	105	Resp:	281392
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	26.5	34.0	51.0#
120	23.2	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

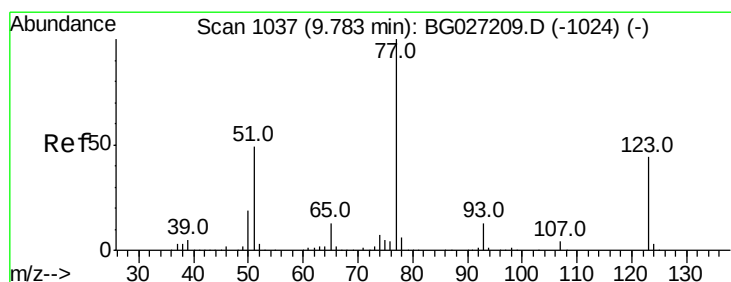
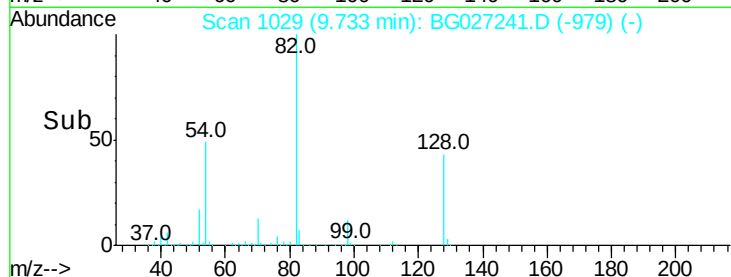
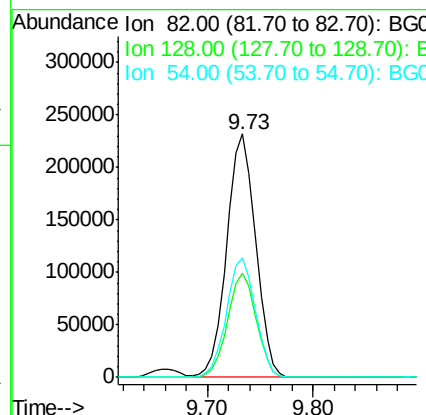
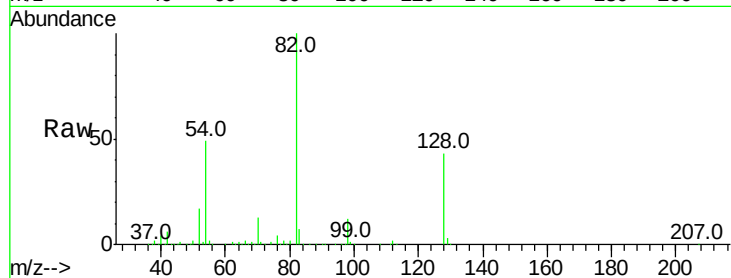




#23
Nitrobenzene-d5
Concen: 111.35 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

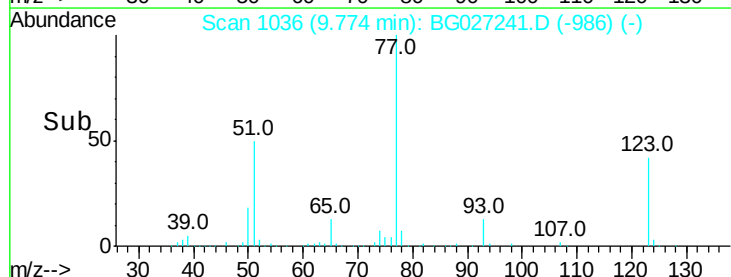
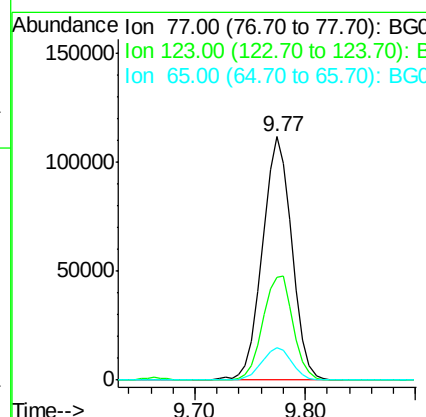
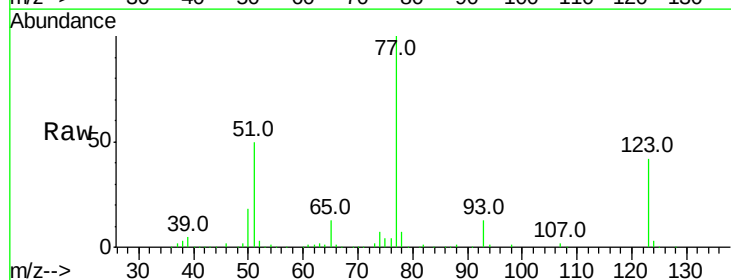
Instrument :
BNA_G
ClientSampleId :

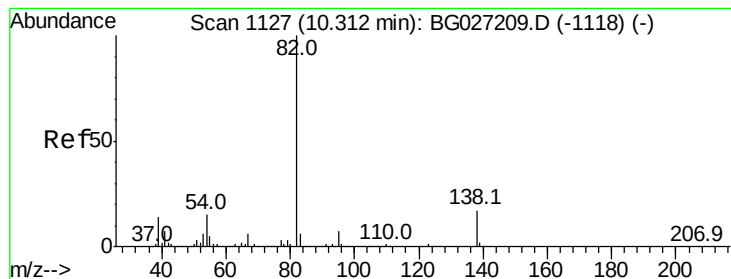
Tot Ion: 82 Resp: 438197
Ion Ratio Lower Upper
82 100
128 42.5 26.4 39.6#
54 49.0 49.4 74.2#



#24
Nitrobenzene
Concen: 46.48 ng
RT: 9.77 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion: 77 Resp: 208371
Ion Ratio Lower Upper
77 100
123 42.2 26.1 39.1#
65 13.2 12.4 18.6





#25

Isophorone

Concen: 43.74 ng

RT: 10.30 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

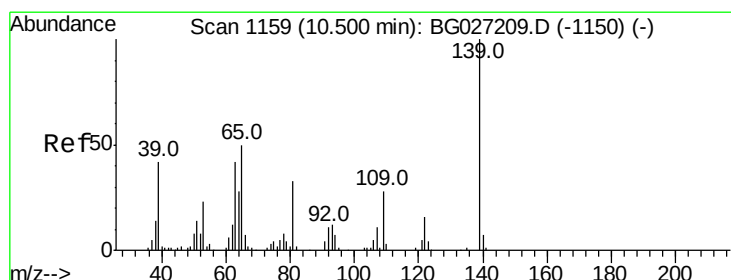
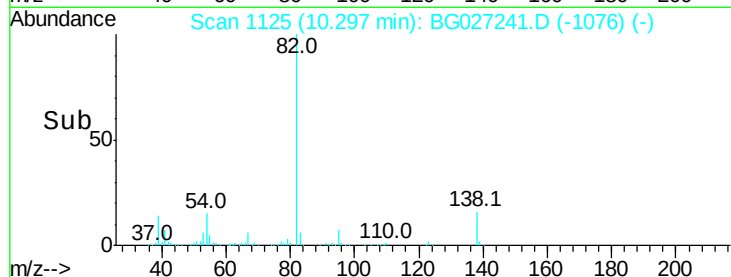
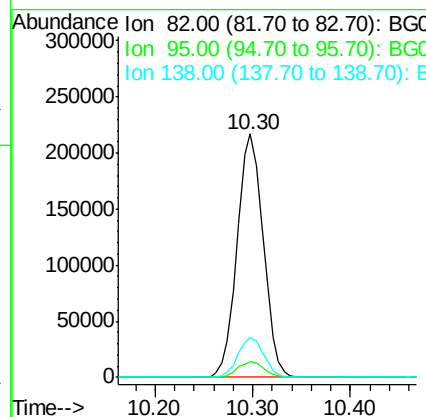
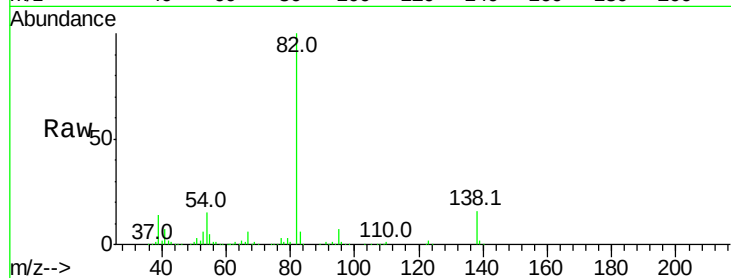
Tot Ion: 82 Resp: 404749

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 16.3 12.3 18.5



#26

2-Nitrophenol

Concen: 50.33 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

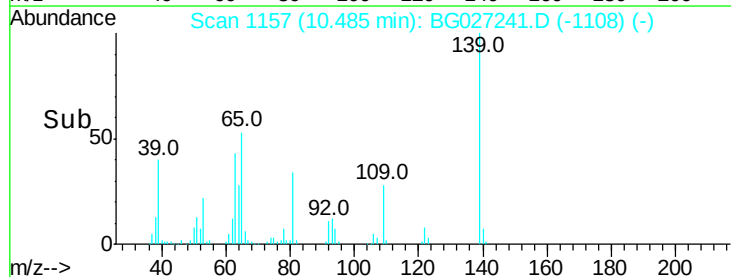
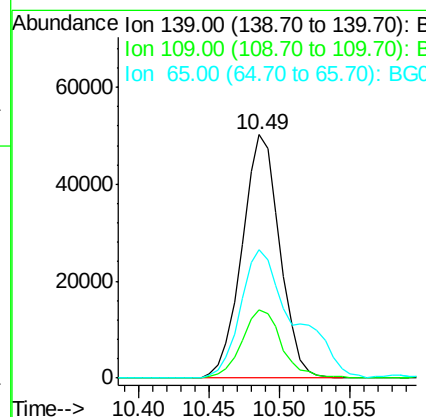
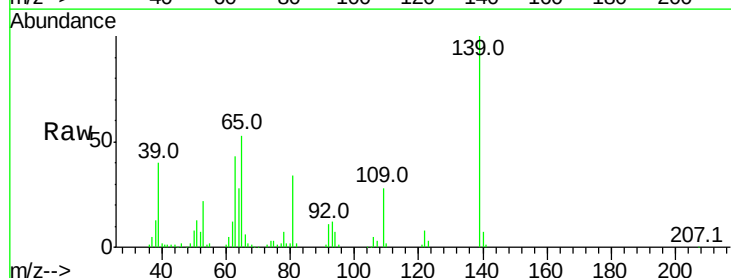
Tgt Ion: 139 Resp: 93779

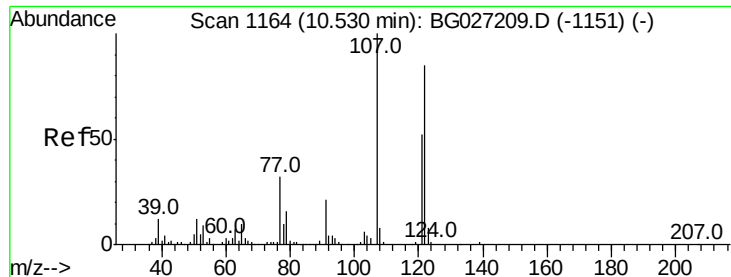
Ion Ratio Lower Upper

139 100

109 27.9 38.6 58.0#

65 52.5 57.1 85.7#

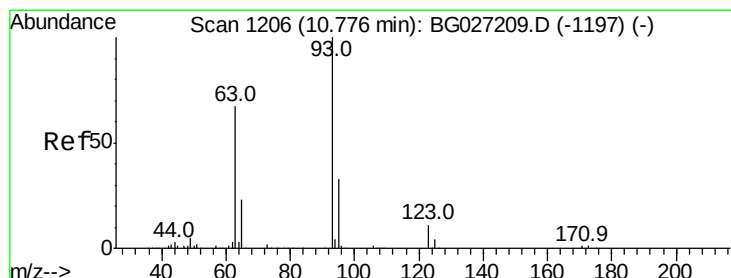
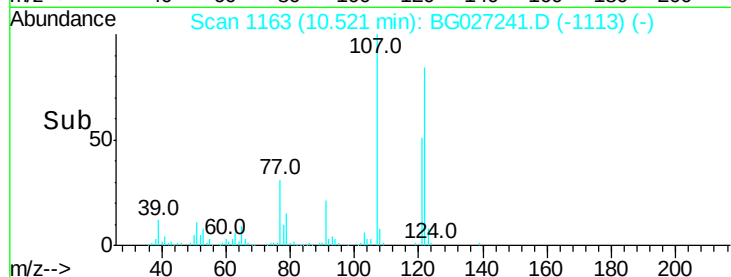
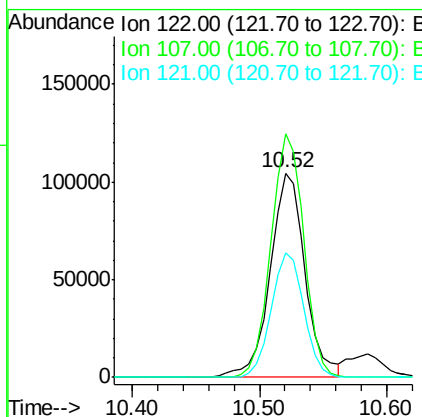
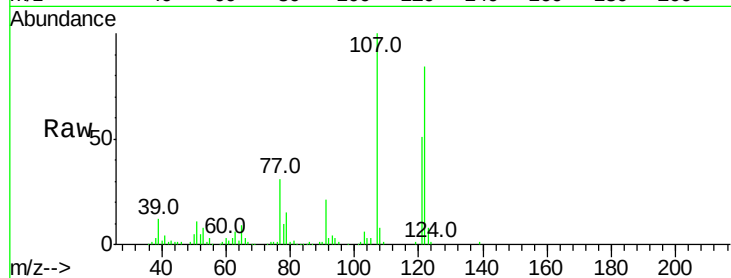




#27
 2,4-Dimethylphenol
 Concen: 50.14 ng
 RT: 10.52 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

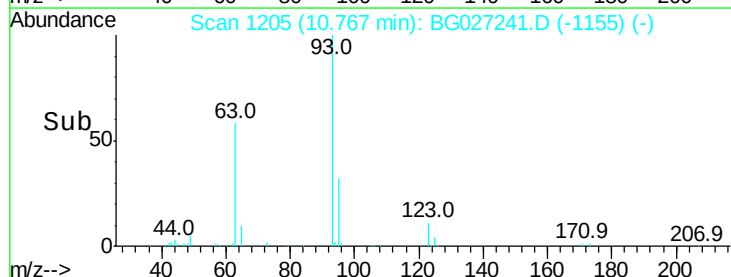
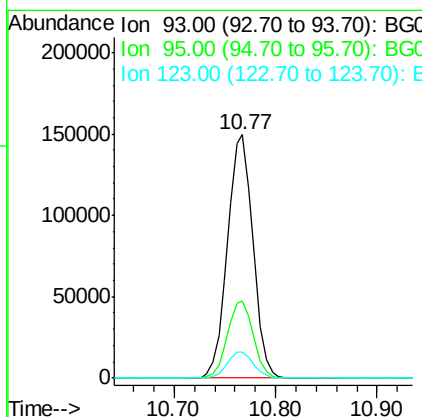
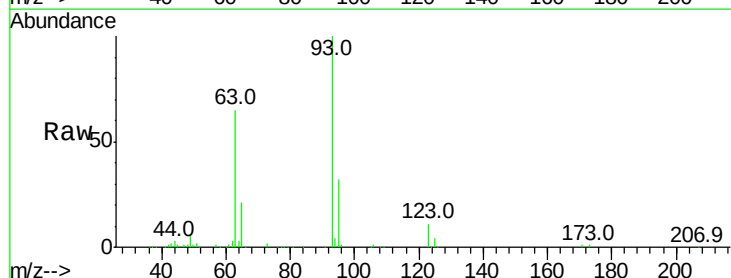
Instrument :
 BNA_G
 ClientSampleId :

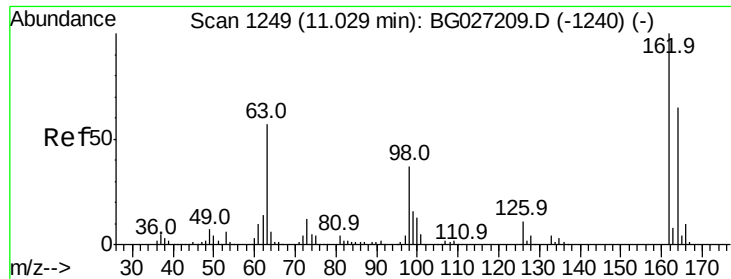
Tot Ion:122 Resp: 199473
 Ion Ratio Lower Upper
 122 100
 107 119.1 104.2 156.4
 121 60.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.41 ng
 RT: 10.77 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion: 93 Resp: 260120
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.7 38.5
 123 10.9 8.3 12.5

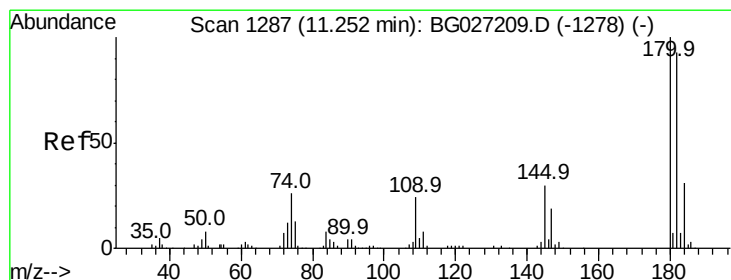
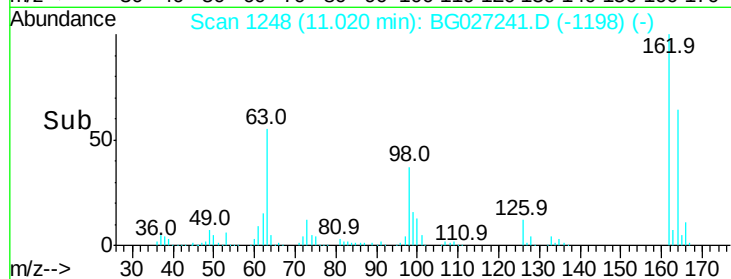
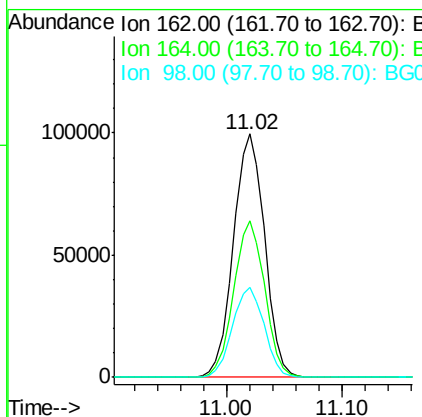
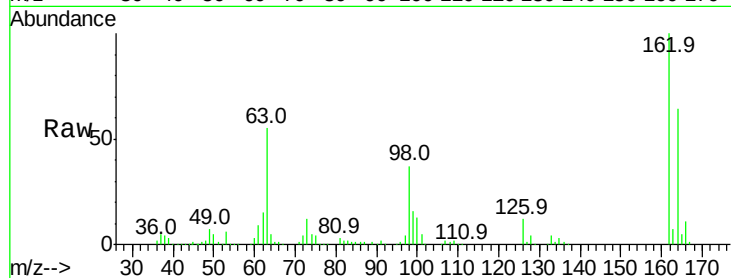




#29
 2,4-Dichlorophenol
 Concen: 51.35 ng
 RT: 11.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

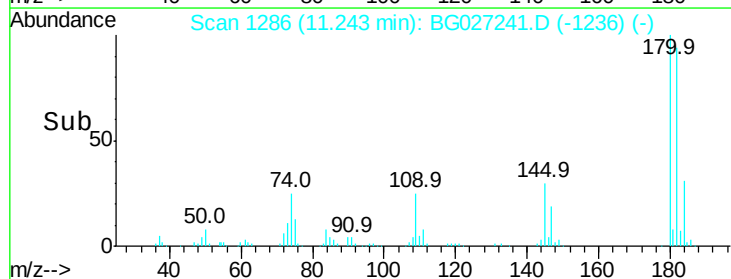
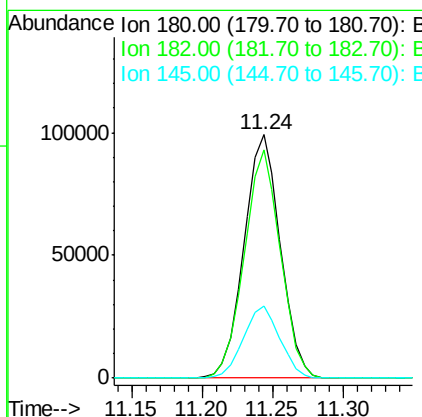
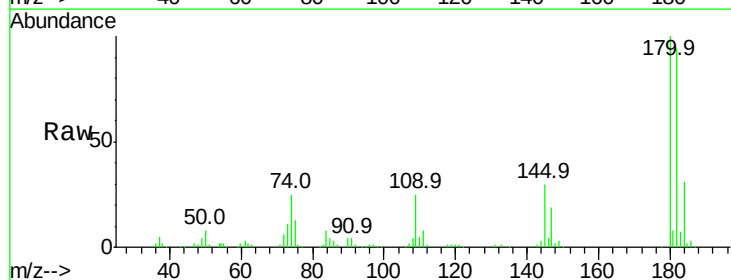
Instrument :
 BNA_G
 ClientSampled :

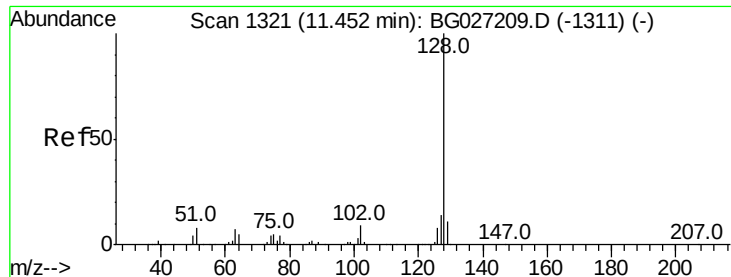
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.4	82.4
98	37.2	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.45 ng
 RT: 11.24 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.0	115.4
145	29.5	23.4	35.0

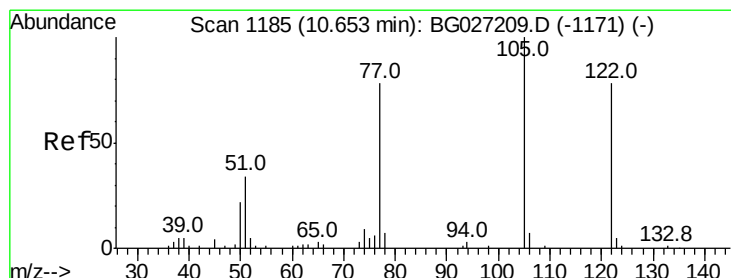
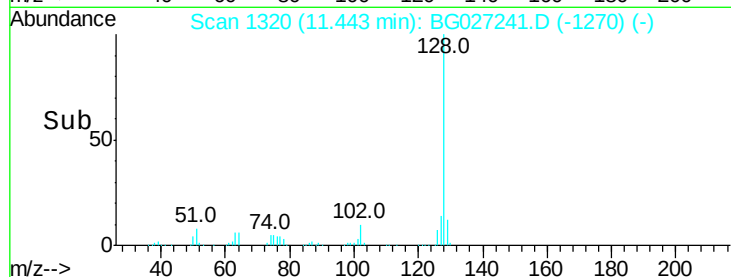
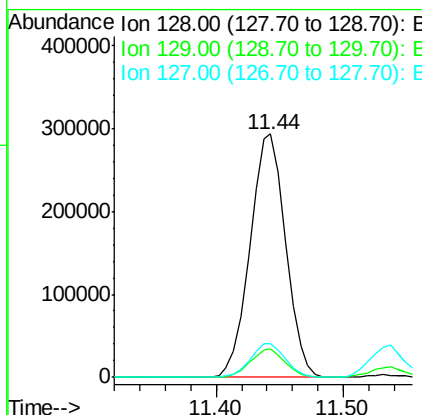
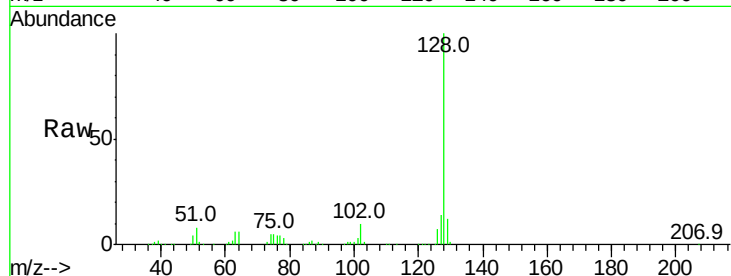




#31
Naphthalene
Concen: 42.24 ng
RT: 11.44 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

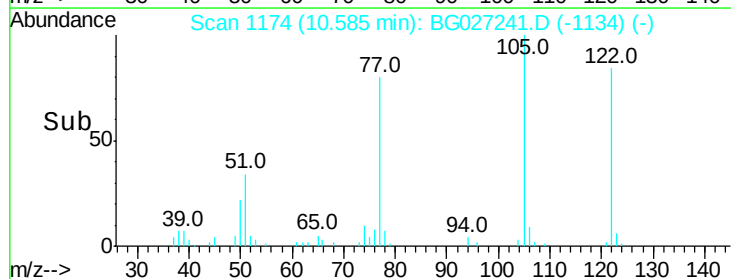
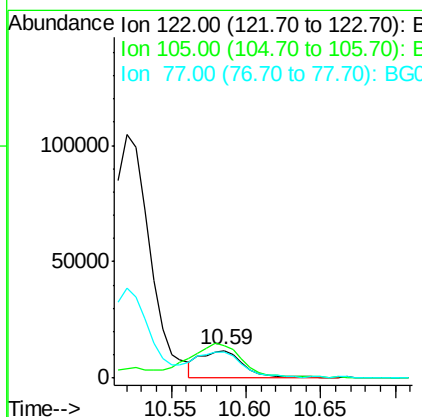
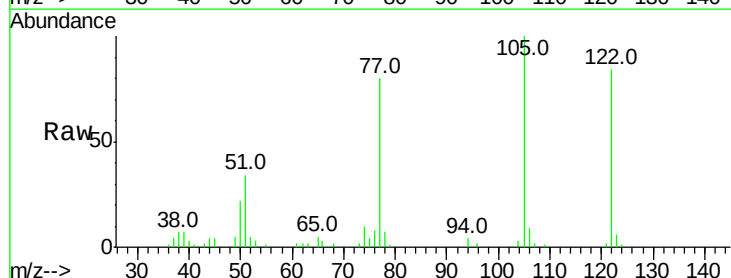
Instrument :
BNA_G
ClientSampleId :

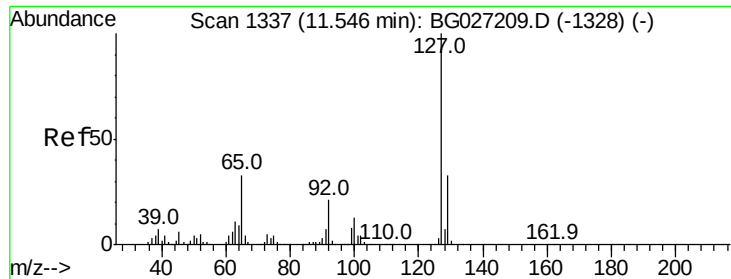
Tot Ion:128 Resp: 571323
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 15.09 ng
RT: 10.59 min Scan# 1174
Delta R.T. -0.07 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:122 Resp: 23350
Ion Ratio Lower Upper
122 100
105 119.4 120.1 160.1#
77 95.3 104.6 144.6#

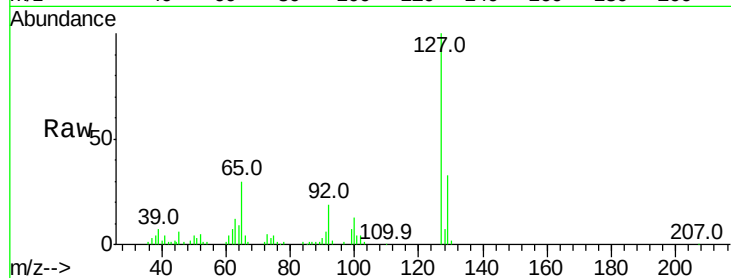




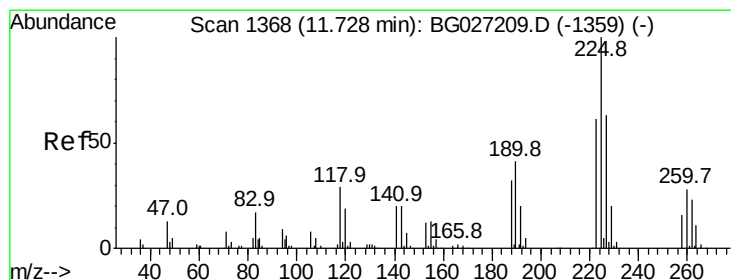
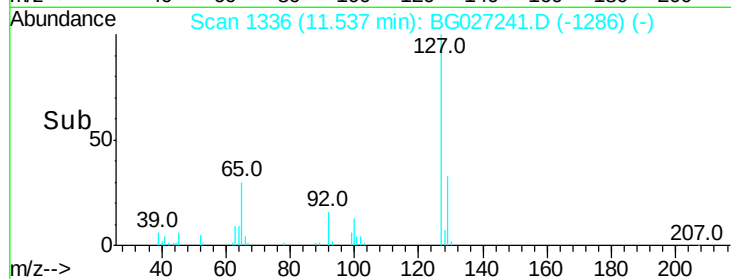
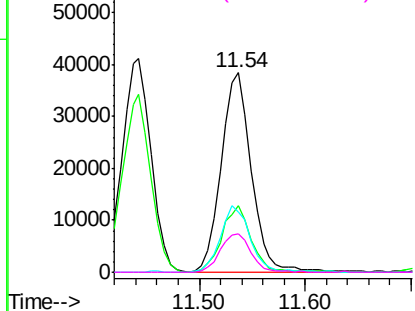
#33
4-Chloroaniline
Concen: 13.49 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	76055
Ion	Ratio	Lower	Upper
127	100		
129	33.3	23.6	35.4
65	30.4	37.7	56.5#
92	19.1	17.6	26.4

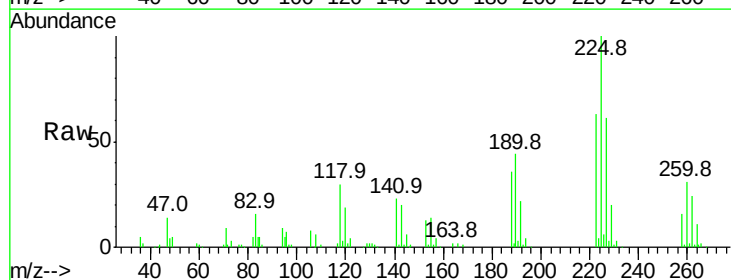


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

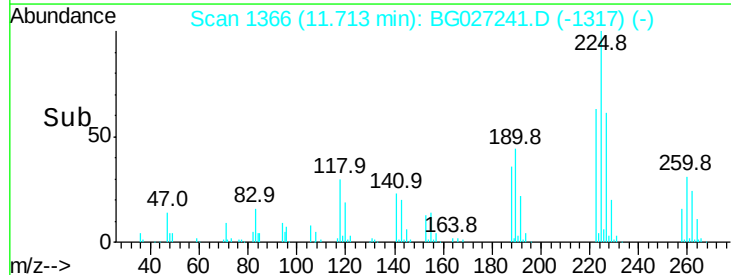
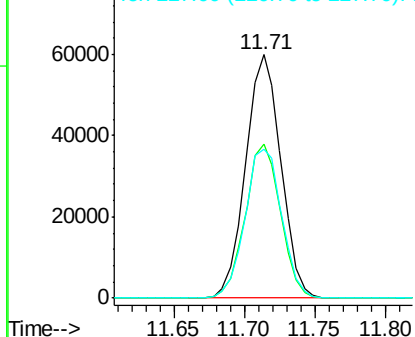


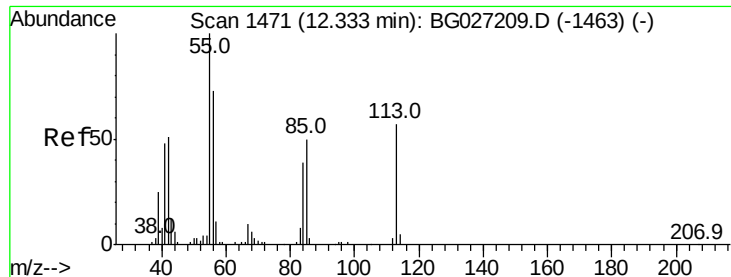
#34
Hexachlorobutadiene
Concen: 42.39 ng
RT: 11.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:	225	Resp:	104786
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.7	76.1
227	61.3	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: 28.16 ng

RT: 12.31 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

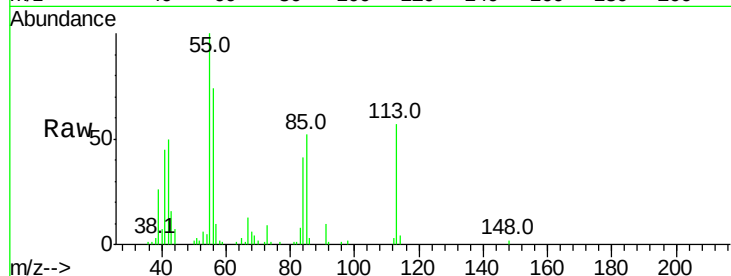
Tot Ion:113 Resp: 35075

Ion Ratio Lower Upper

113 100

55 176.8 198.6 238.6#

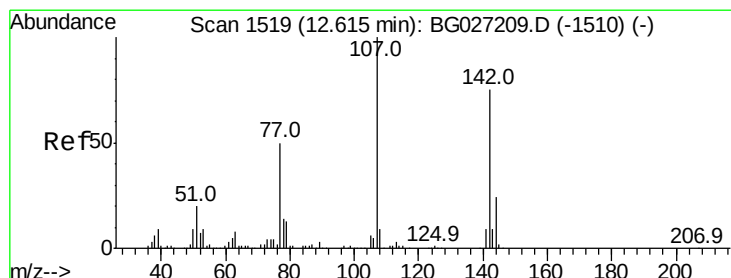
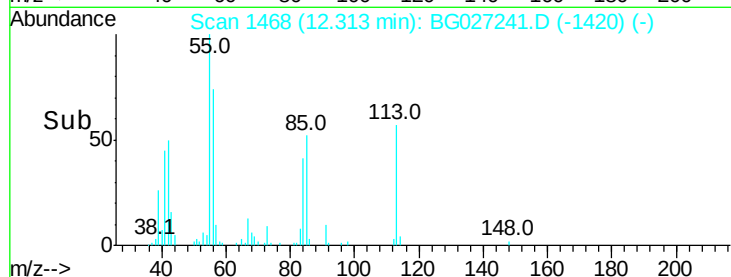
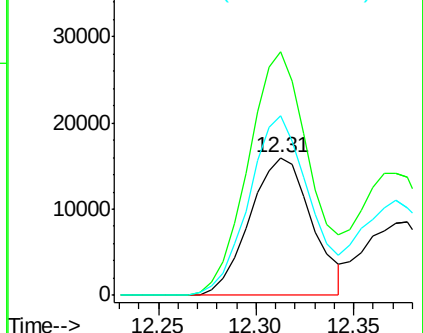
56 130.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.50 ng

RT: 12.61 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

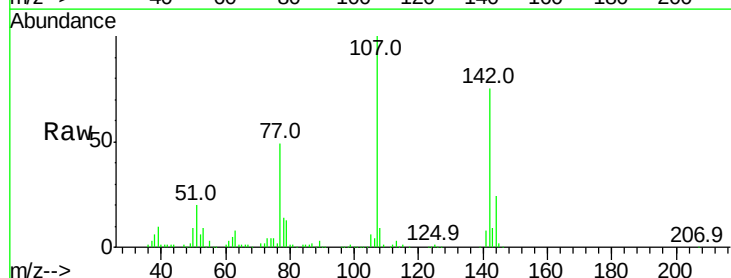
Tgt Ion:107 Resp: 220811

Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

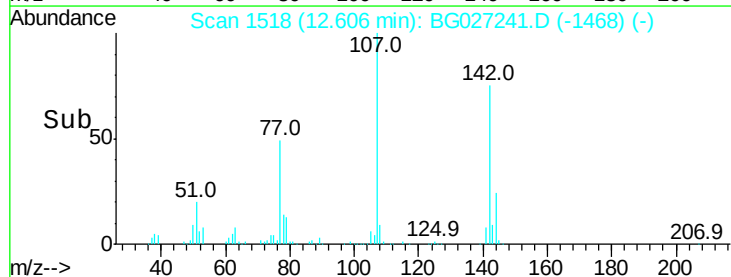
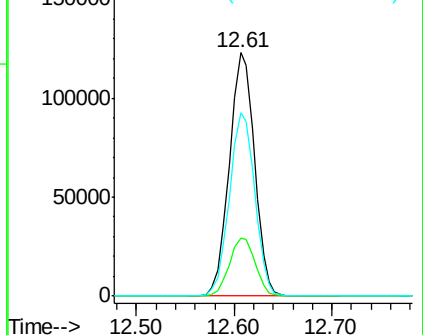
142 75.4 54.1 81.1

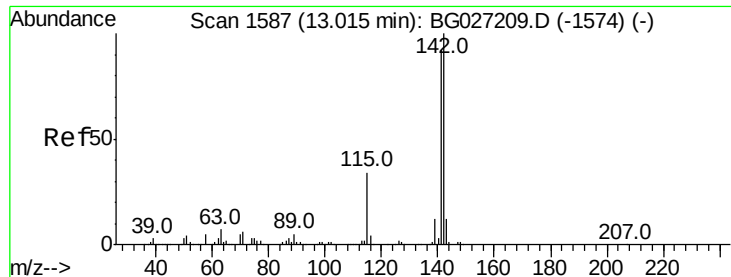


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.40 ng

RT: 13.01 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

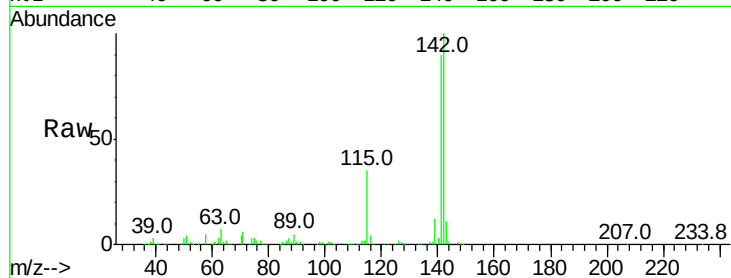
Tot Ion:142 Resp: 428170

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

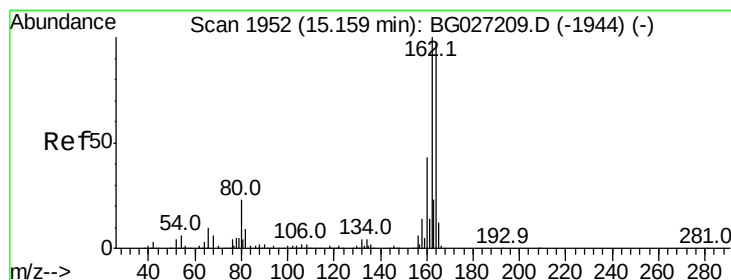
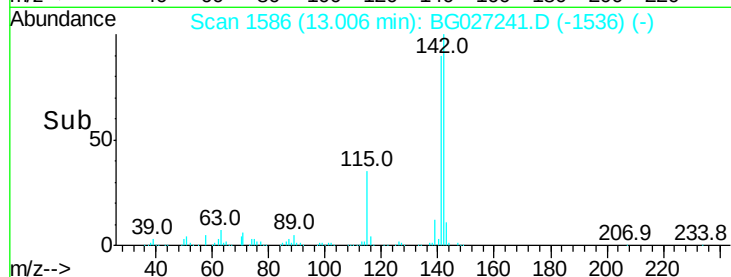
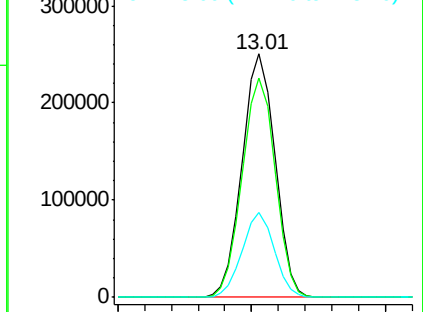
115 35.0 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.15 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

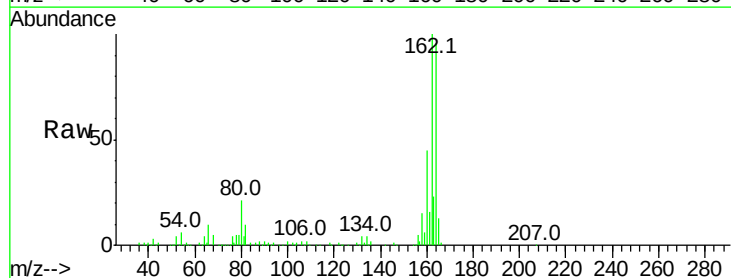
Tgt Ion:164 Resp: 157456

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

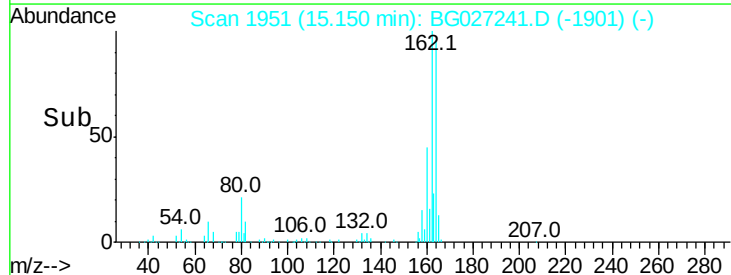
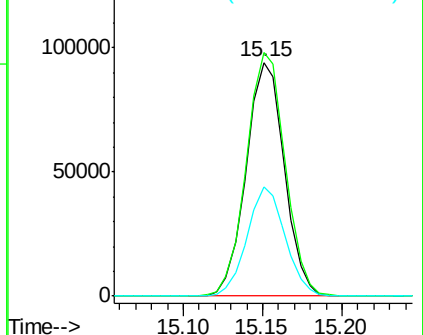
160 46.7 34.7 52.1

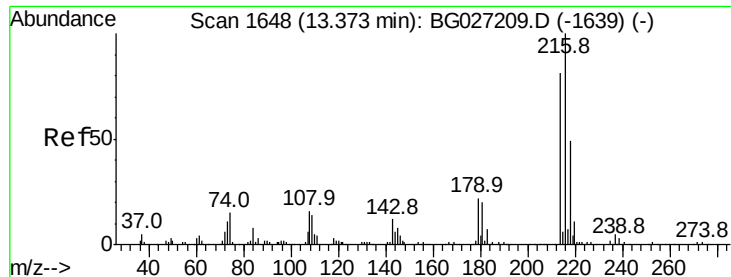


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

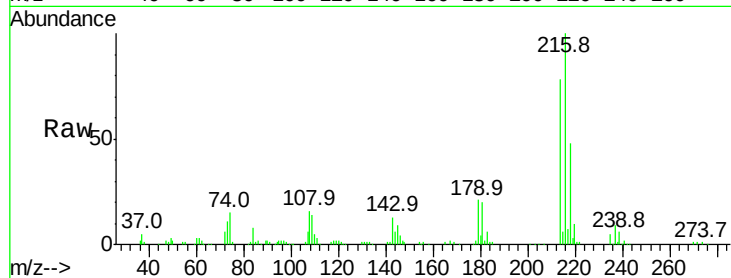




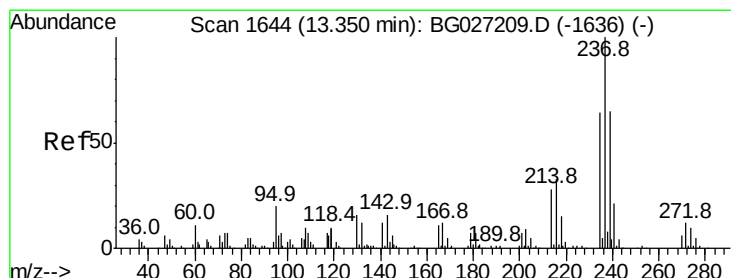
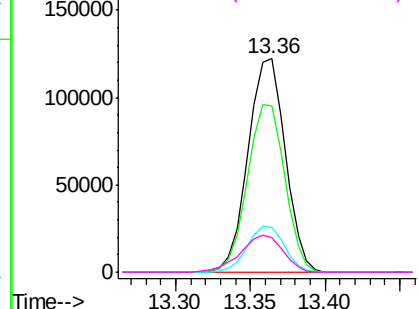
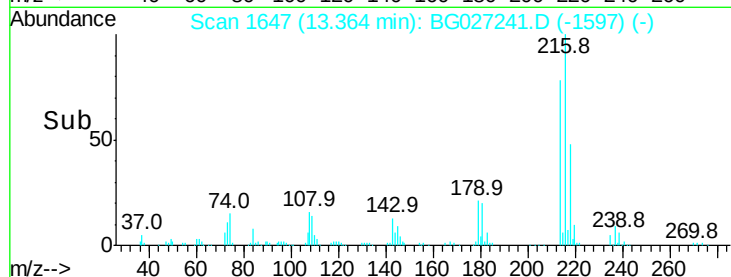
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.92 ng
 RT: 13.36 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	210553
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	21.4	17.4	26.0
108	19.8	15.6	23.4

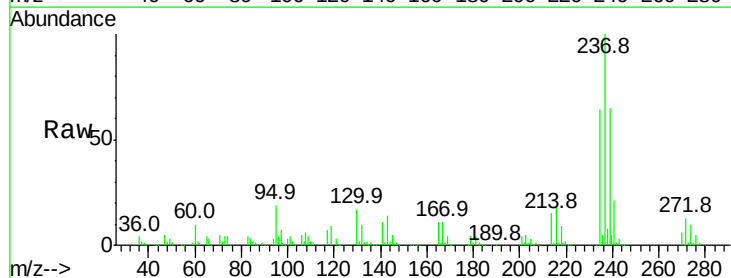


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

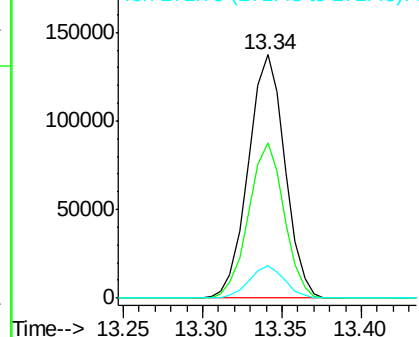
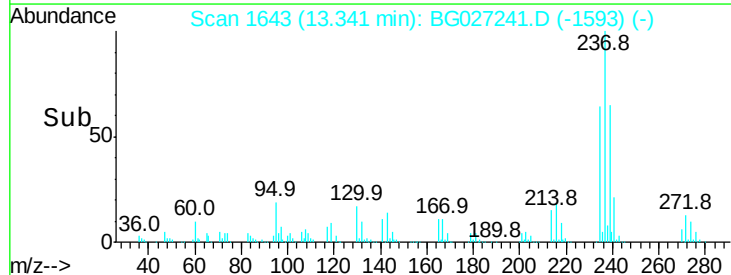


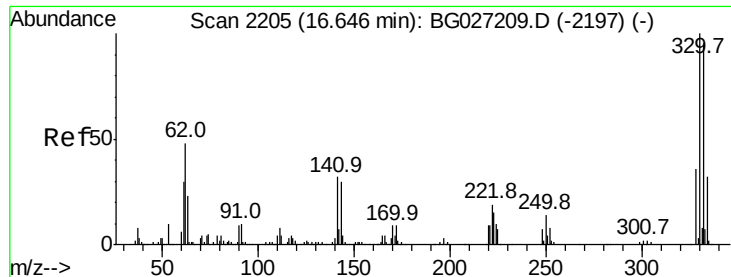
#40
 Hexachlorocyclopentadiene
 Concen: 84.29 ng
 RT: 13.34 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion:	237	Resp:	220055
Ion	Ratio	Lower	Upper
237	100		
235	63.5	39.4	79.4
272	13.1	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

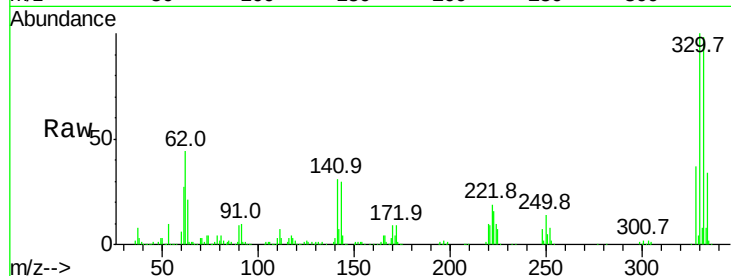




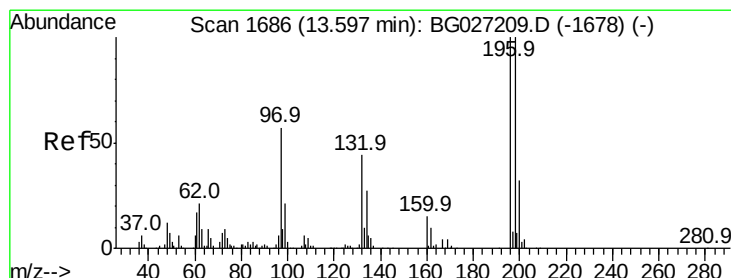
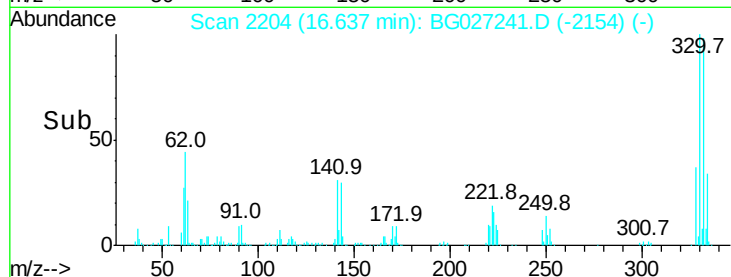
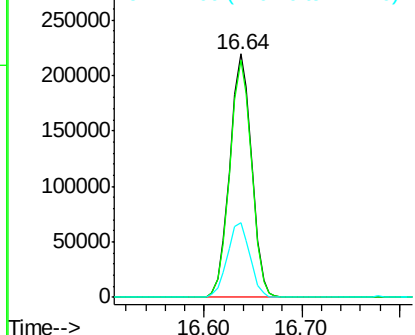
#41
 2,4,6-Tribromophenol
 Concen: 164.52 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	31.9	32.1	48.1#

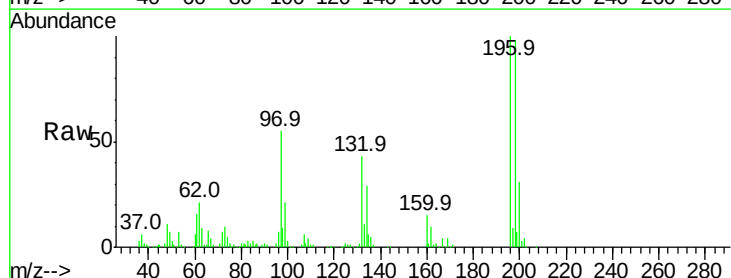


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

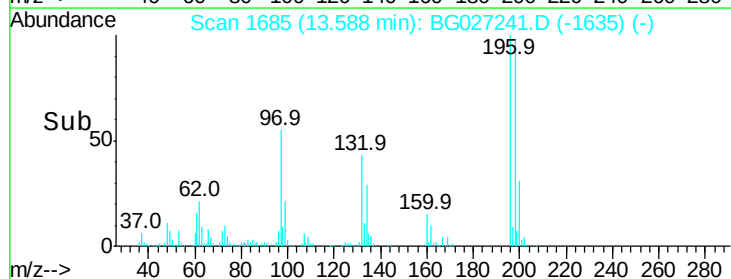
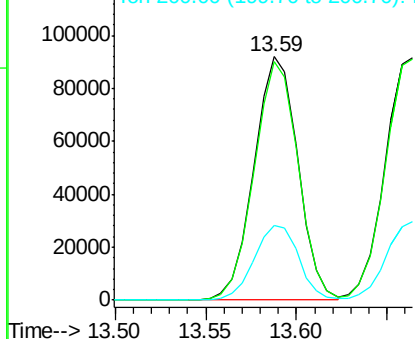


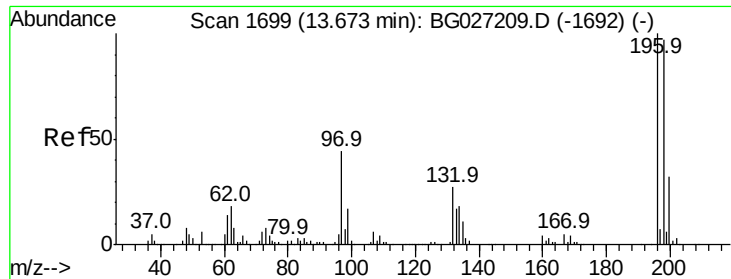
#42
 2,4,6-Trichlorophenol
 Concen: 51.98 ng
 RT: 13.59 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	81.4	122.2
200	30.8	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

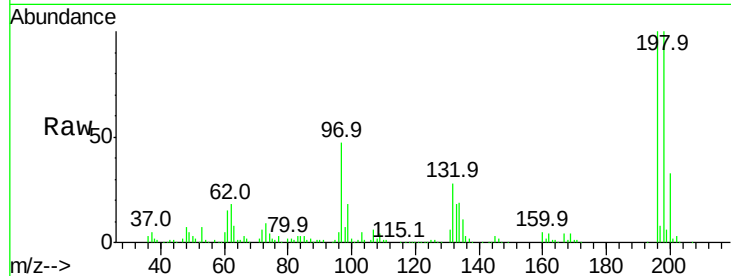




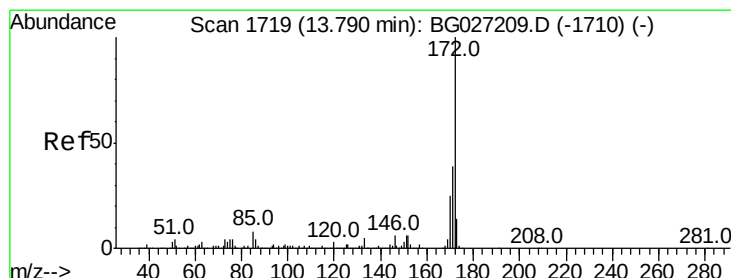
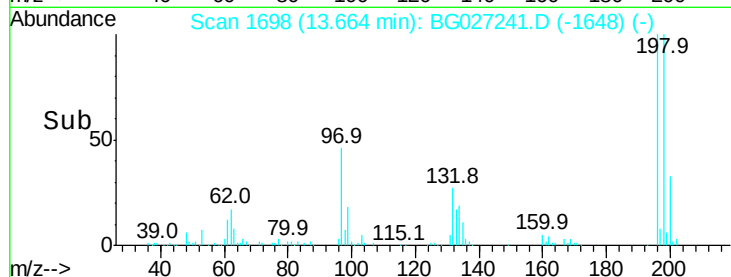
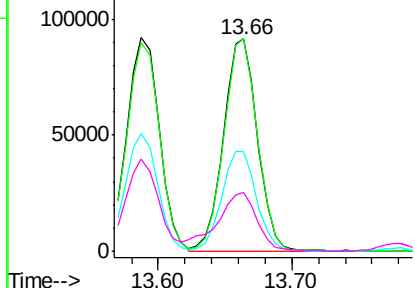
#43
 2,4,5-Trichlorophenol
 Concen: 48.39 ng
 RT: 13.66 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	161090
Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.9	119.9
97	47.1	45.4	68.0
132	27.8	20.7	31.1

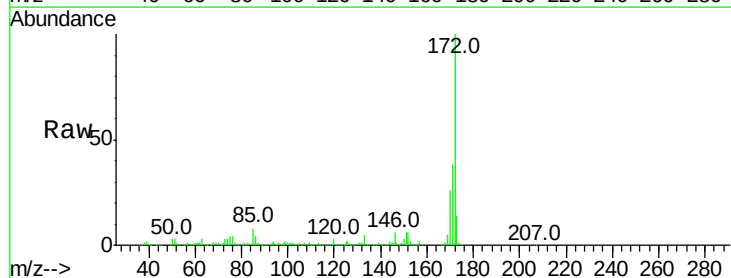


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

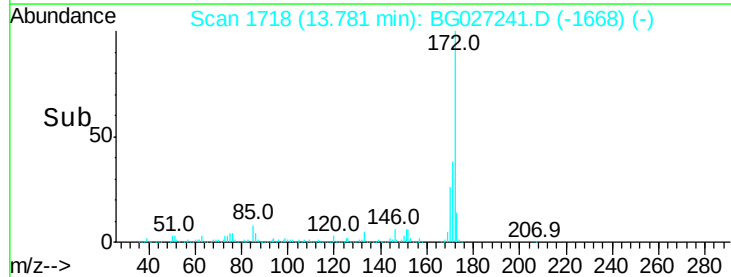
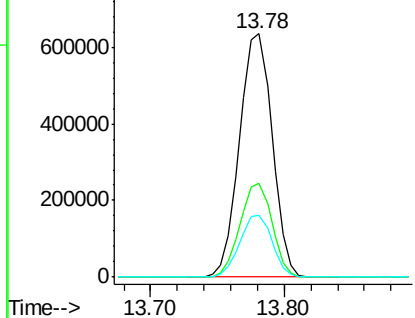


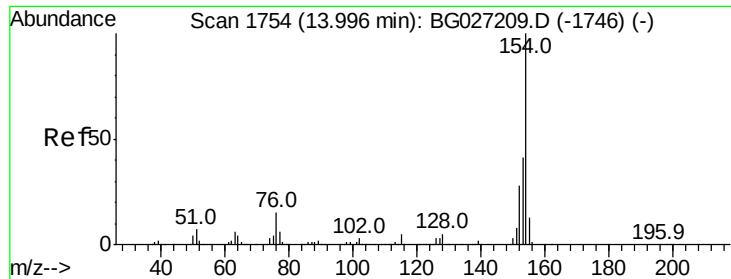
#44
 2-Fluorobiphenyl
 Concen: 95.66 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion:	172	Resp:	1076681
Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.6	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

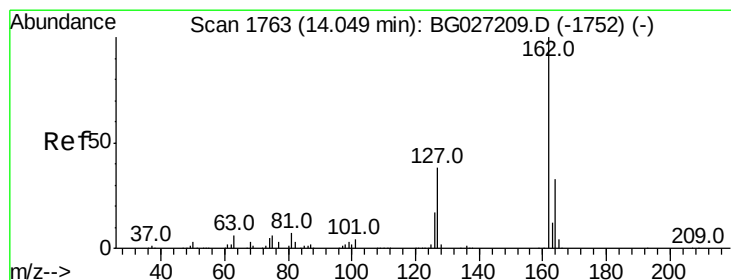
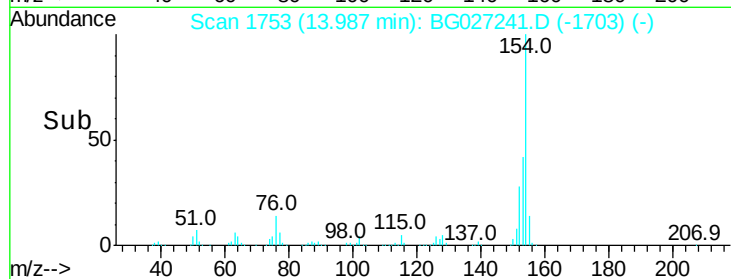
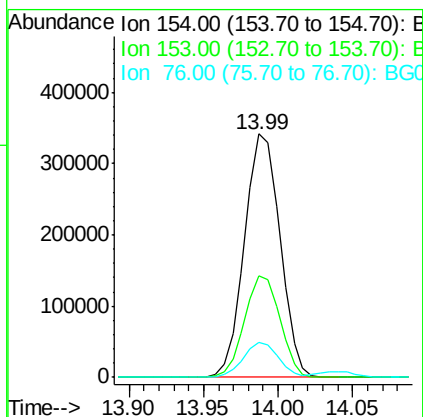
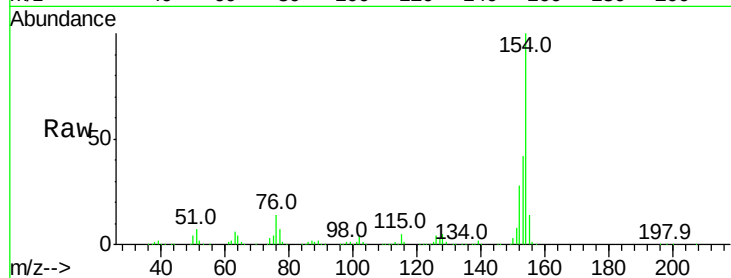




#45
 1,1'-Biphenyl
 Concen: 43.95 ng
 RT: 13.99 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

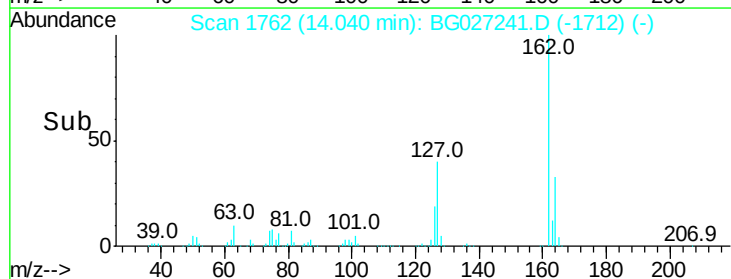
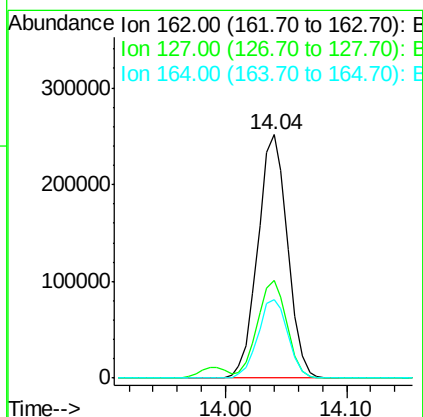
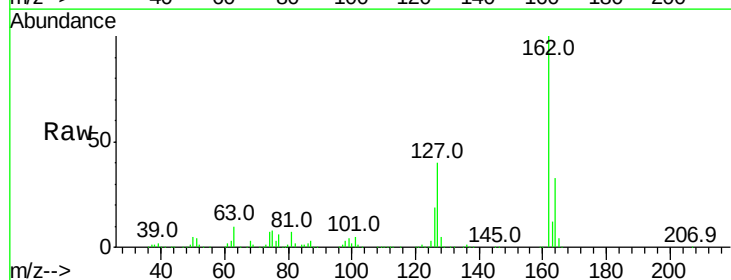
Instrument :
 BNA_G
 ClientSampleId :

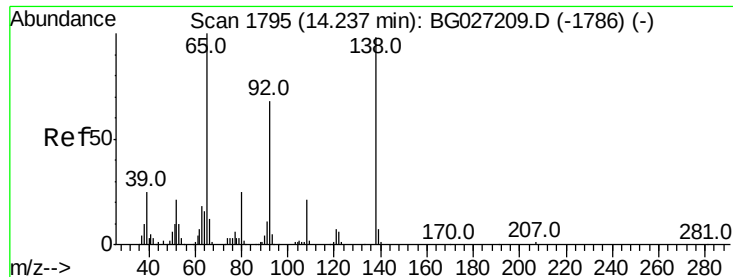
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.0	63.0
76	14.5	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 44.67 ng
 RT: 14.04 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.4
164	32.5	27.3	40.9





#47

2-Nitroaniline

Concen: 49.02 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

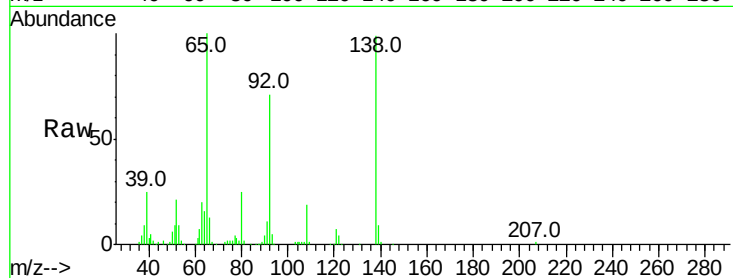
Tot Ion: 65 Resp: 134785

Ion Ratio Lower Upper

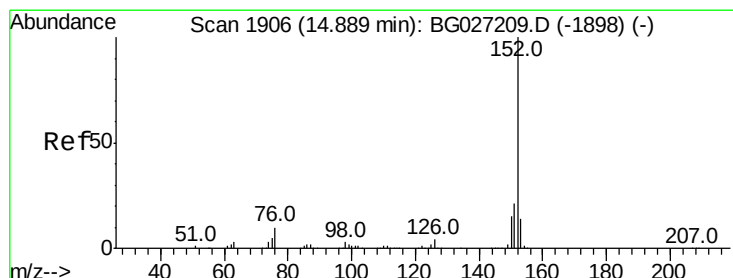
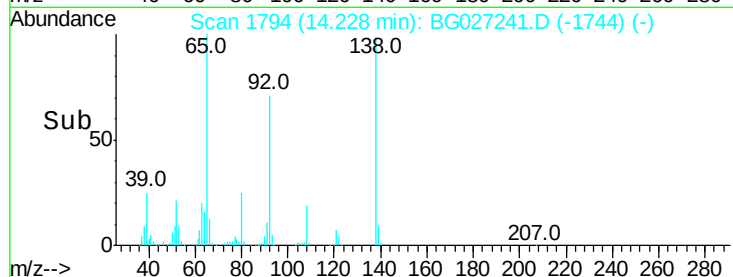
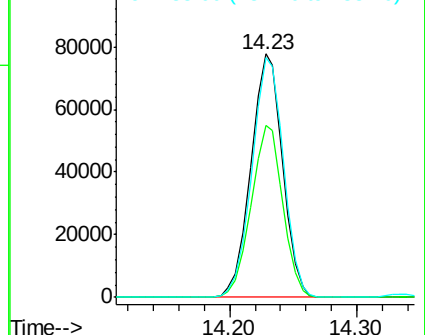
65 100

92 70.8 49.0 73.4

138 98.7 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 42.33 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

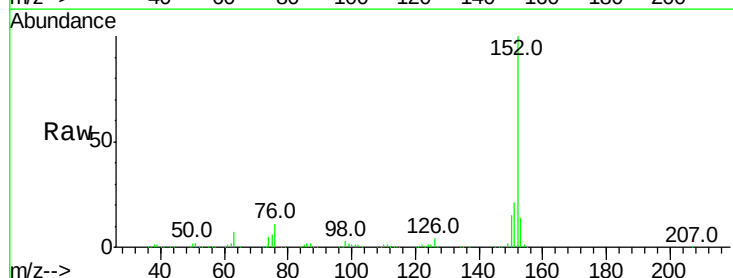
Tgt Ion: 152 Resp: 690291

Ion Ratio Lower Upper

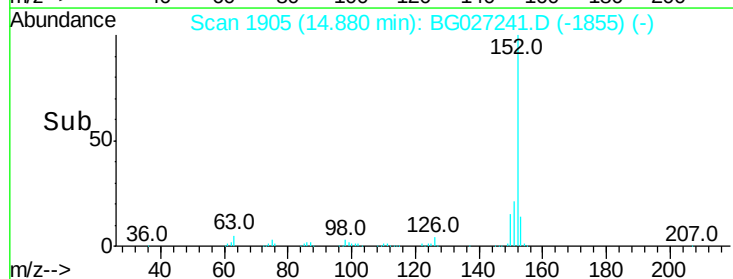
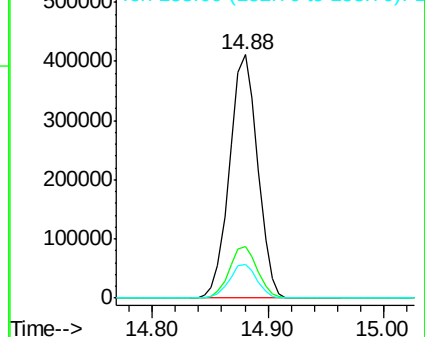
152 100

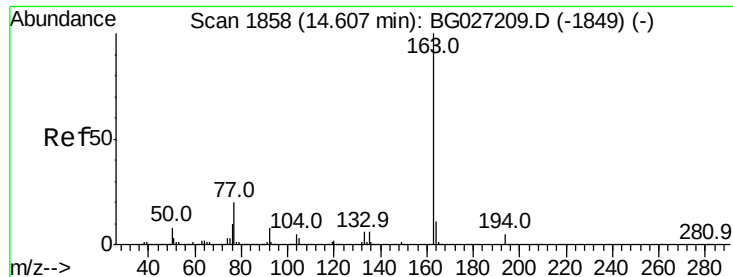
151 21.4 18.2 27.2

153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 60.12 ng

RT: 14.59 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG027241.D

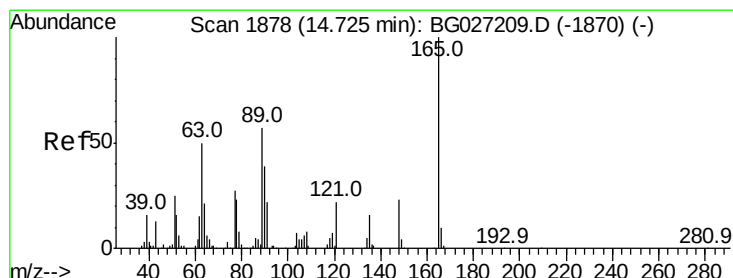
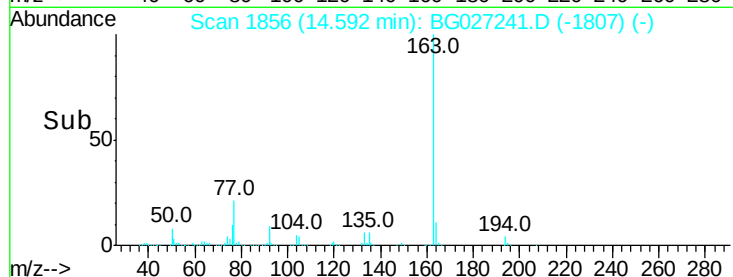
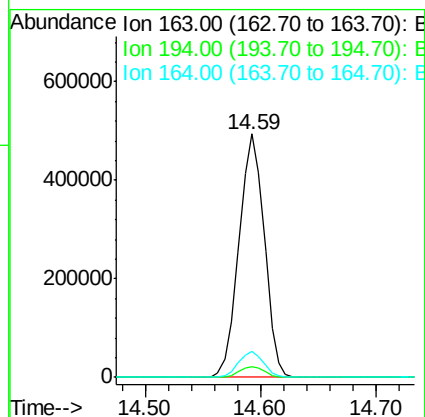
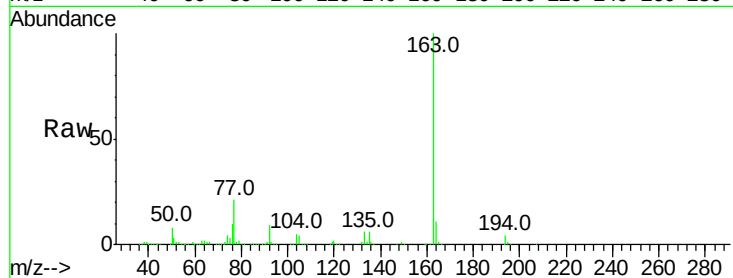
Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	750995
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.8 5.6
164	10.7	9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 47.10 ng

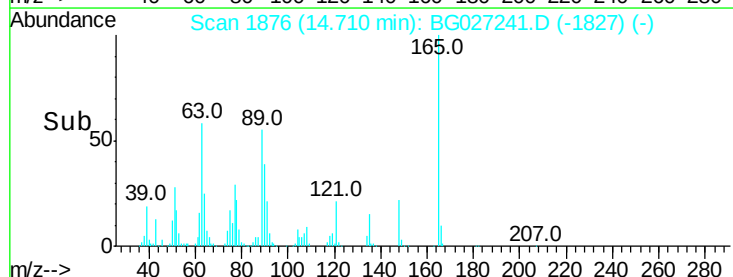
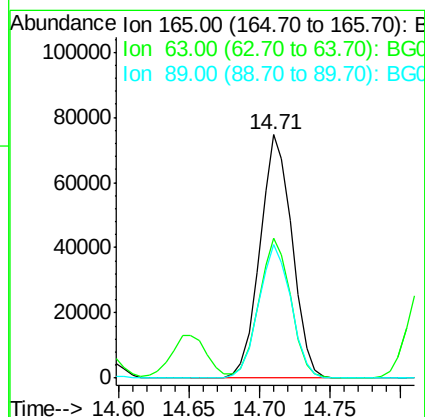
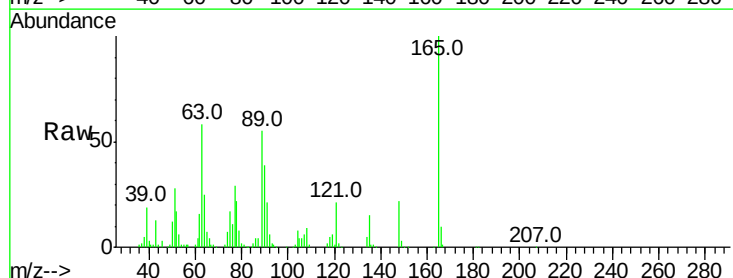
RT: 14.71 min Scan# 1876

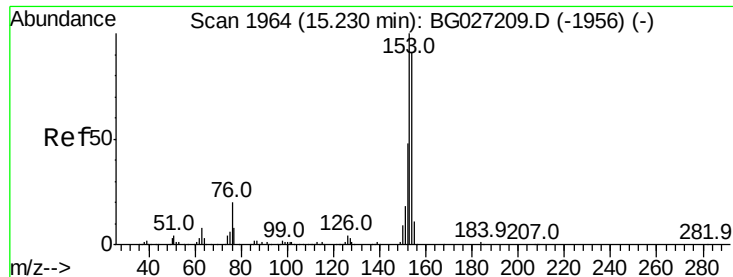
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:165	Resp:	119217
Ion Ratio	Lower	Upper
165	100	
63	57.6	63.9 95.9#
89	55.0	58.6 88.0#





#51

Acenaphthene

Concen: 46.96 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027241.D

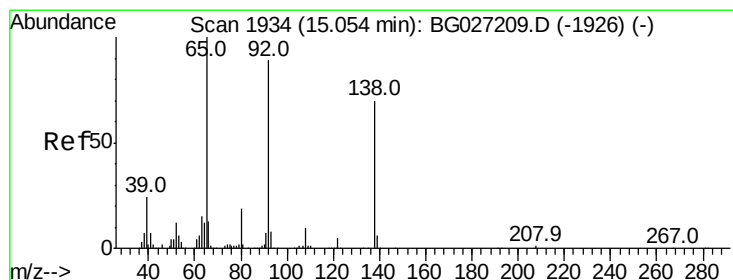
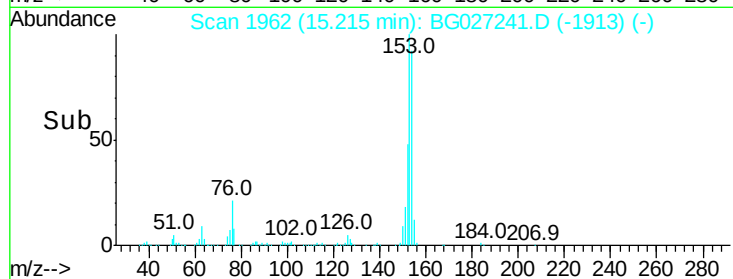
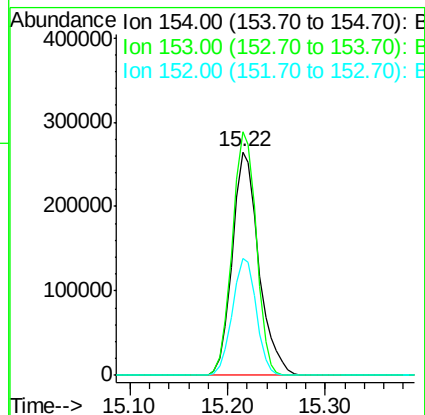
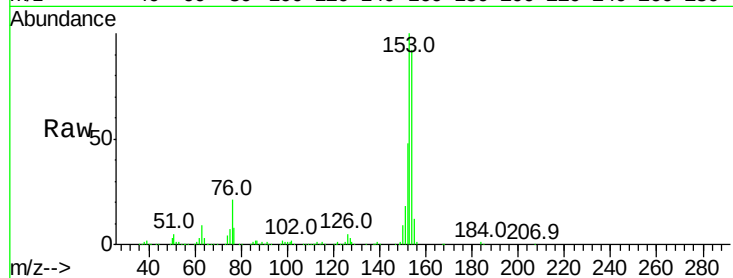
Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	154	Resp:	498139
Ion	Ratio	Lower	Upper
154	100		
153	108.9	87.8	131.6
152	52.1	42.2	63.4



#52

3-Nitroaniline

Concen: 26.43 ng

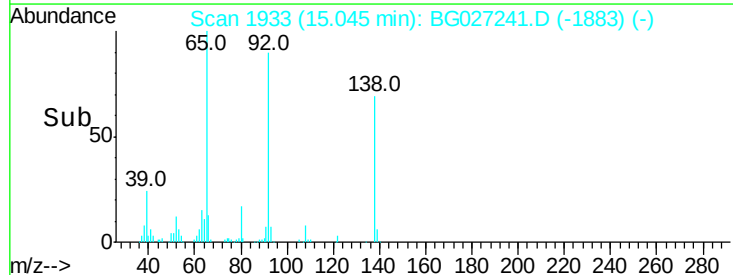
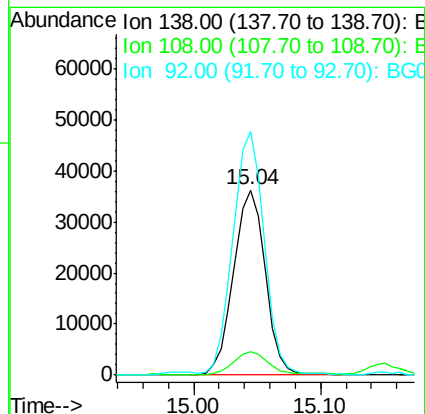
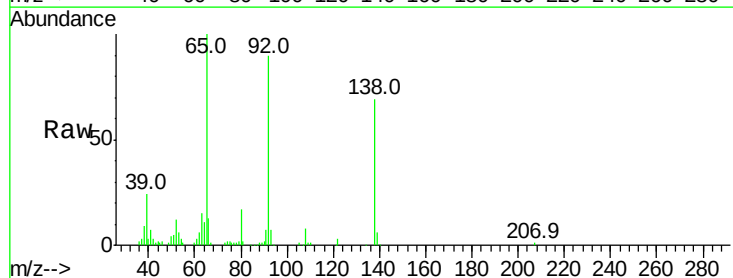
RT: 15.04 min Scan# 1933

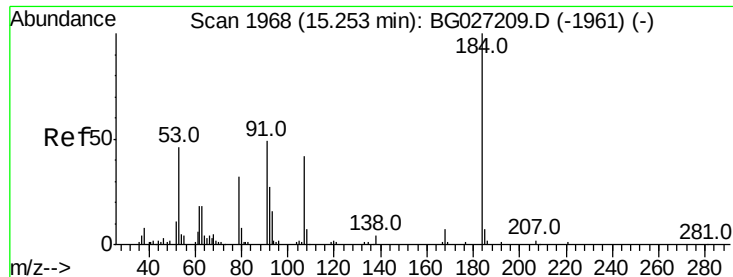
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:	138	Resp:	62578
Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.9	16.3
92	131.3	115.3	172.9

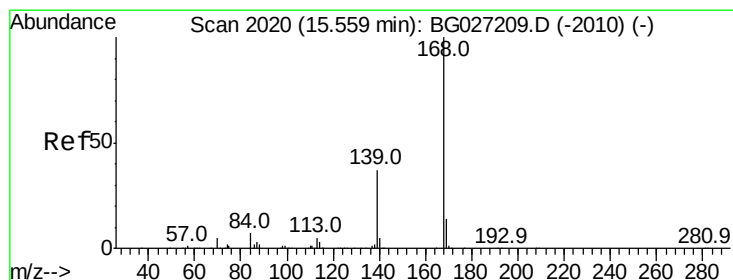
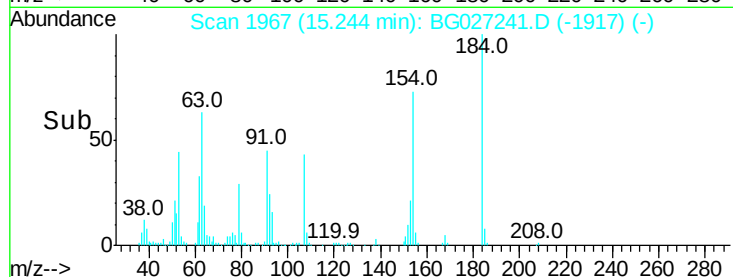
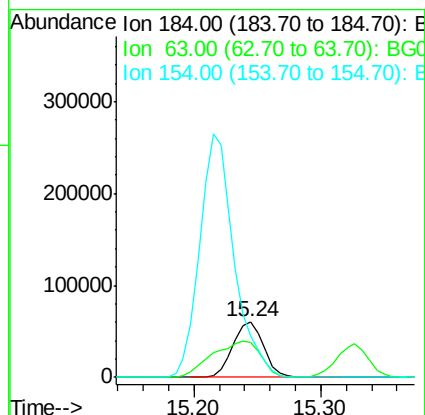
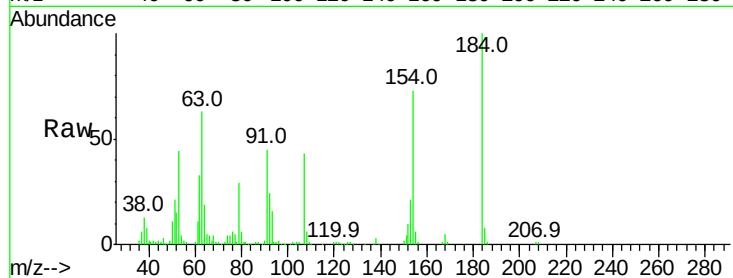




#53
2,4-Dinitrophenol
Concen: 81.63 ng
RT: 15.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

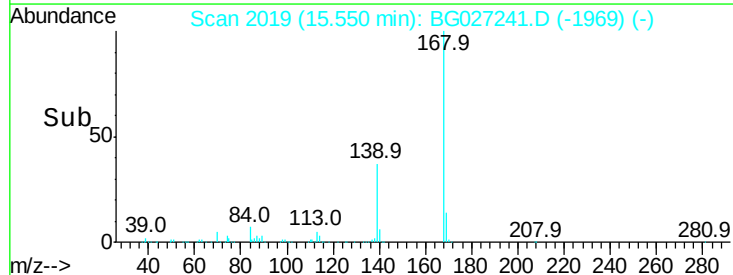
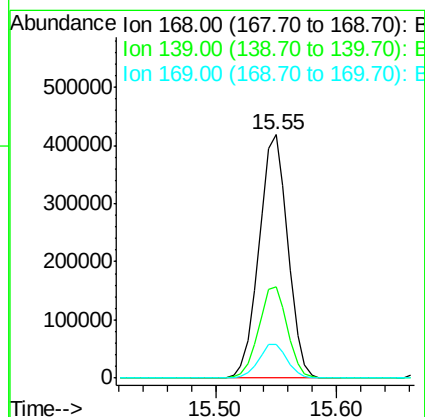
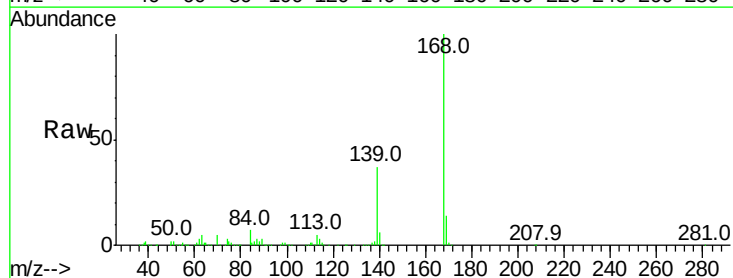
Instrument :
BNA_G
ClientSampleId :

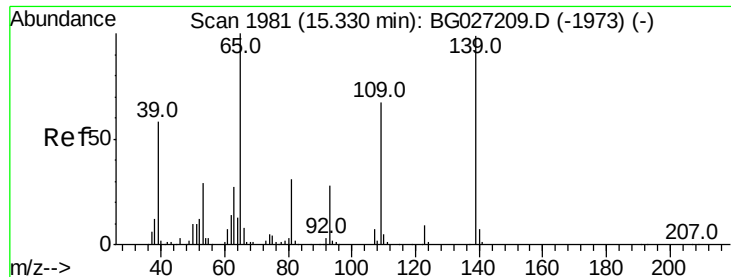
Tot Ion:184 Resp: 100733
Ion Ratio Lower Upper
184 100
63 62.9 52.7 79.1
154 72.9 57.3 85.9



#54
Dibenzofuran
Concen: 46.49 ng
RT: 15.55 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:168 Resp: 689086
Ion Ratio Lower Upper
168 100
139 37.3 35.3 52.9
169 13.8 11.5 17.3

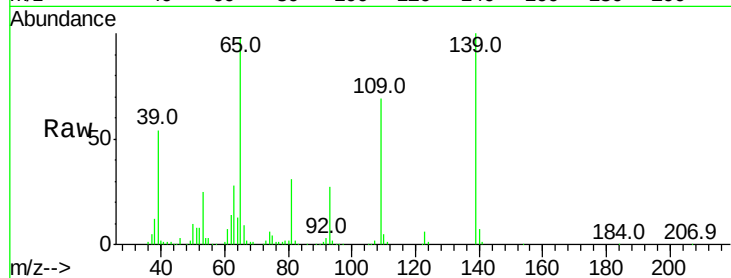




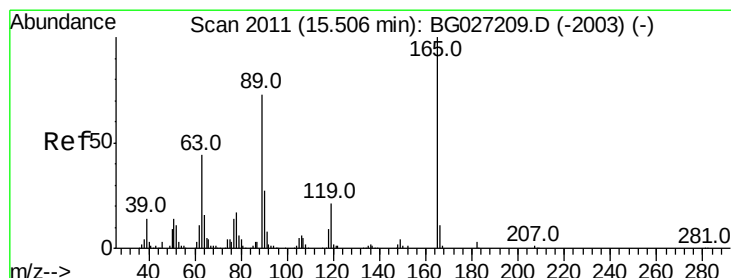
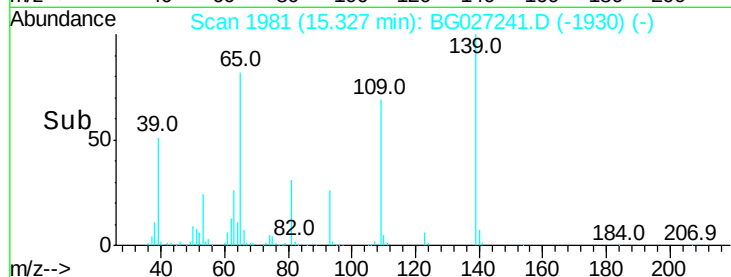
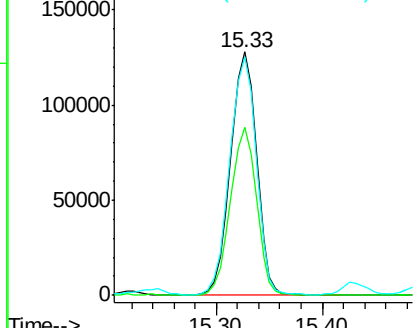
#55
4-Nitrophenol
Concen: 91.83 ng
RT: 15.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.0	101.2	141.2#
65	97.9	135.3	175.3#

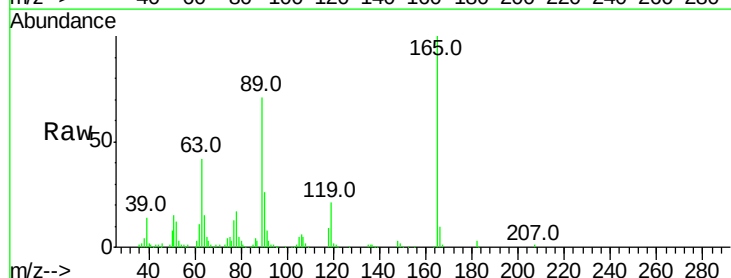


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

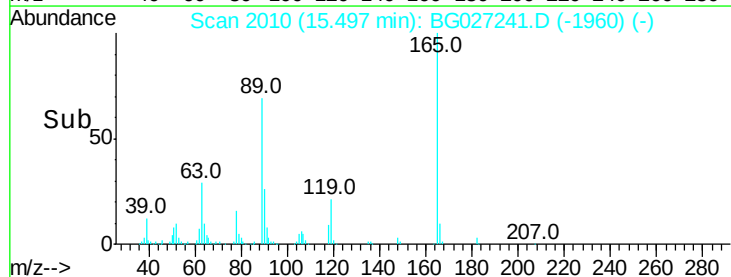
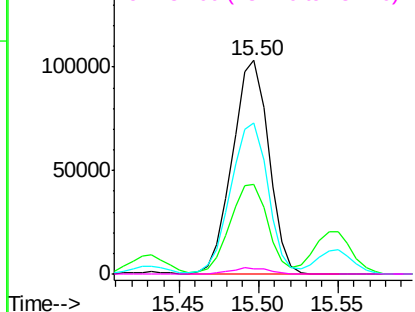


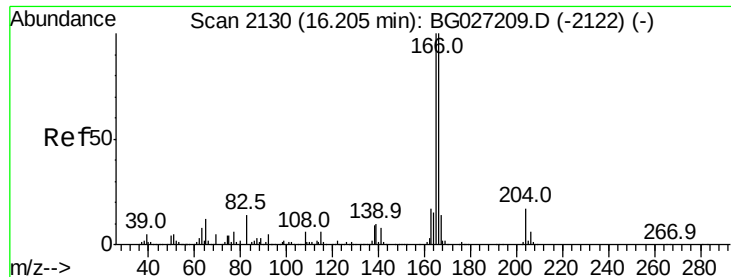
#56
2,4-Dinitrotoluene
Concen: 50.40 ng
RT: 15.50 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	44.0	66.0#
89	70.7	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: 42.87 ng

RT: 16.20 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

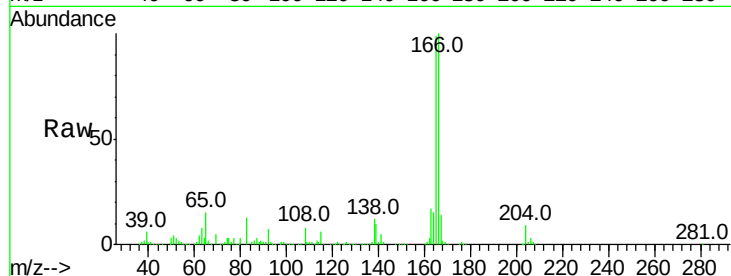
Tot Ion:166 Resp: 564380

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

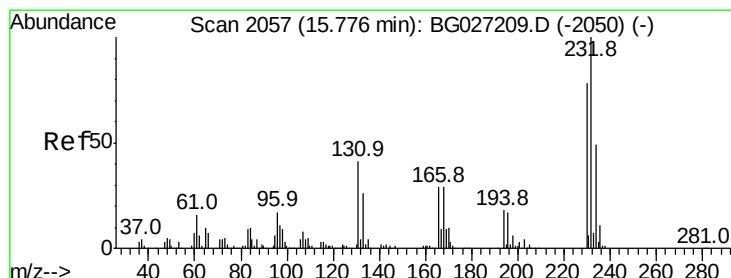
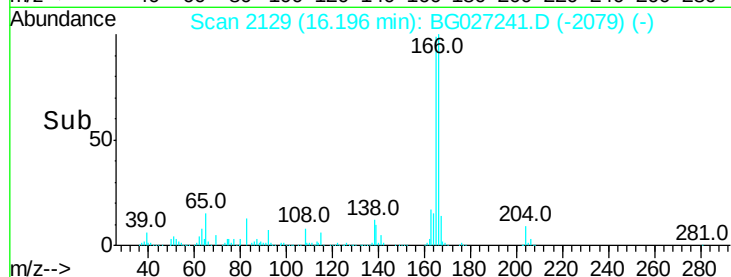
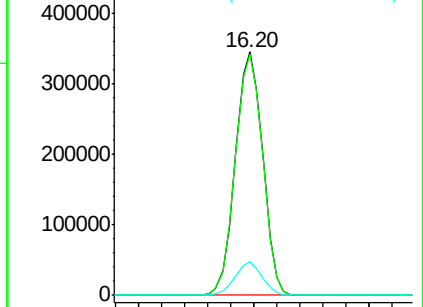
167 13.9 11.6 17.4



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: 52.45 ng

RT: 15.76 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:232 Resp: 155888

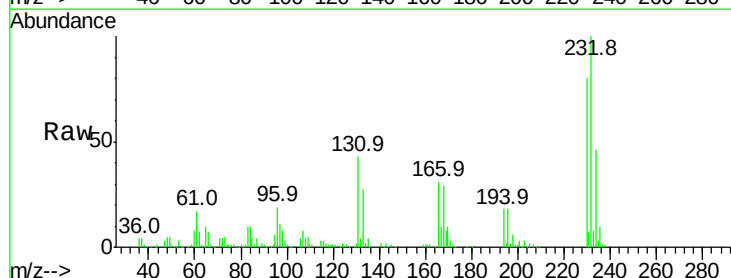
Ion Ratio Lower Upper

232 100

131 43.4 34.9 52.3

130 2.5 2.3 3.5

166 30.2 24.2 36.4

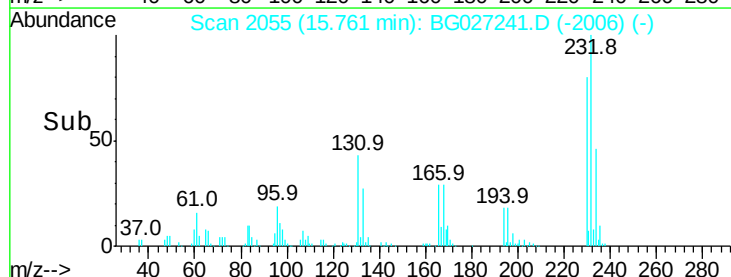
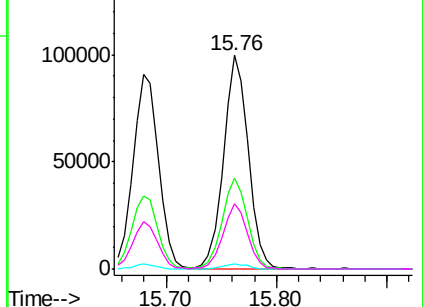


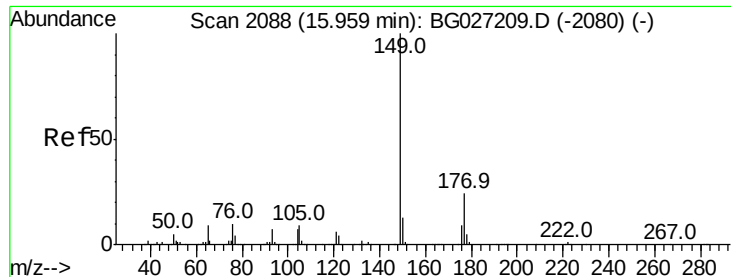
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 46.27 ng

RT: 15.94 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

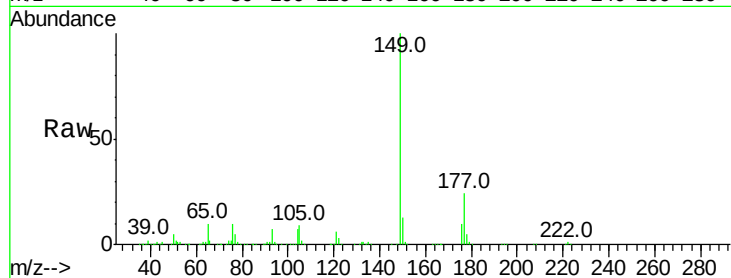
Tot Ion:149 Resp: 576509

Ion Ratio Lower Upper

149 100

177 24.1 20.1 30.1

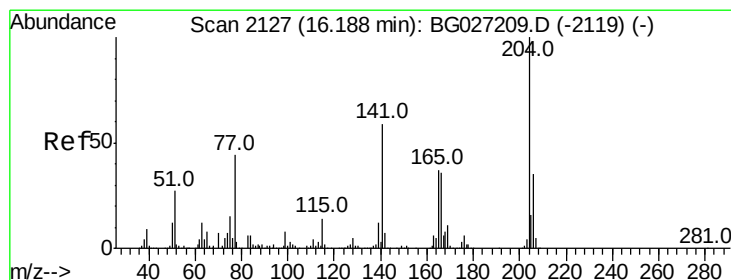
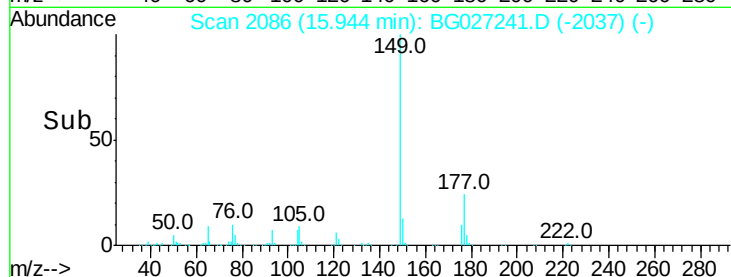
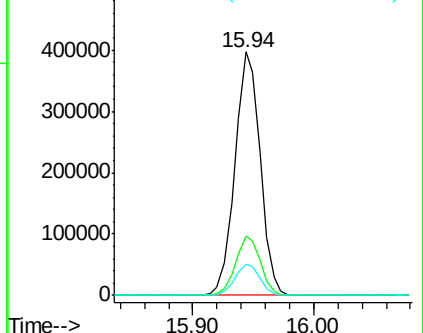
150 13.0 10.2 15.2



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: 43.17 ng

RT: 16.18 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

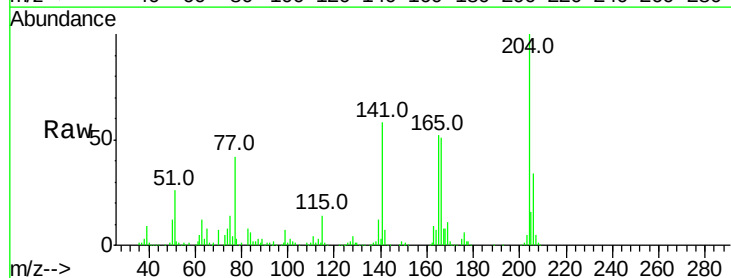
Tgt Ion:204 Resp: 286305

Ion Ratio Lower Upper

204 100

206 34.2 30.1 45.1

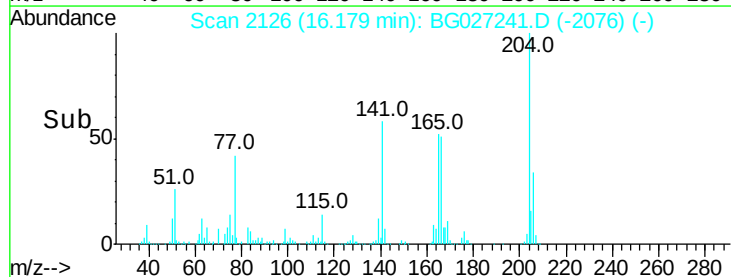
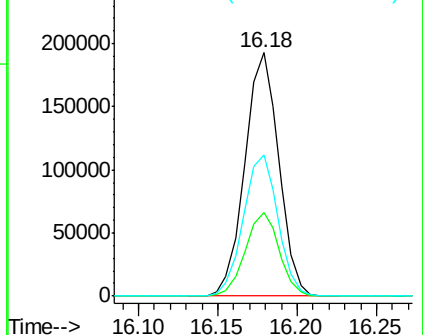
141 58.0 50.6 76.0

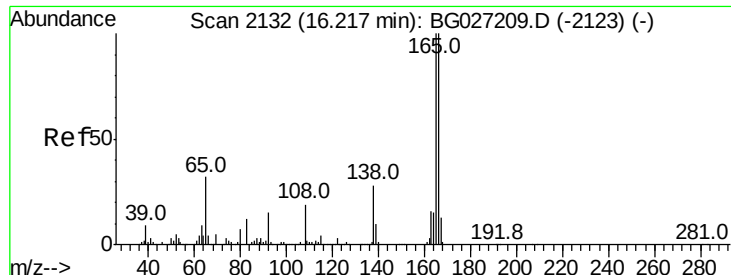


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

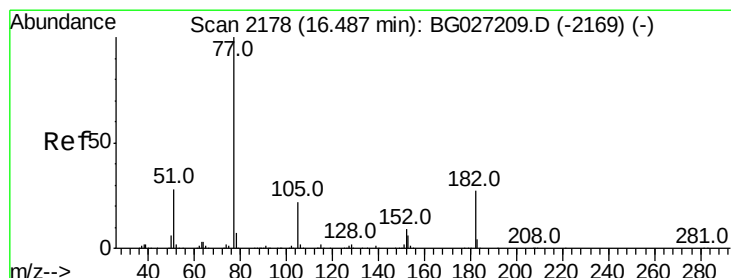
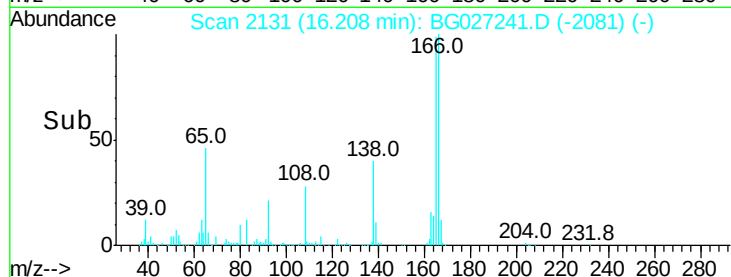
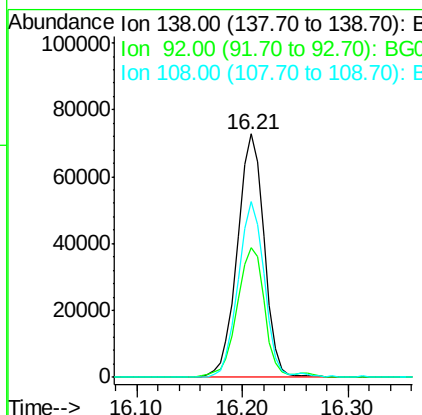
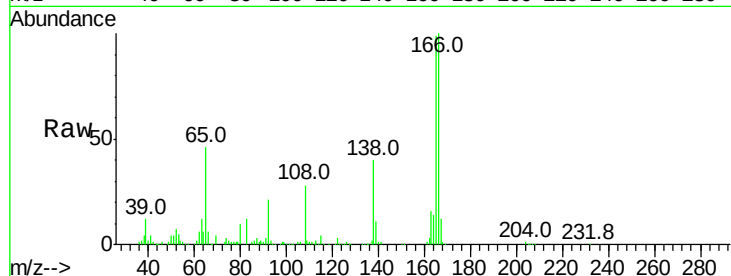




#61
 4-Nitroaniline
 Concen: 47.47 ng
 RT: 16.21 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

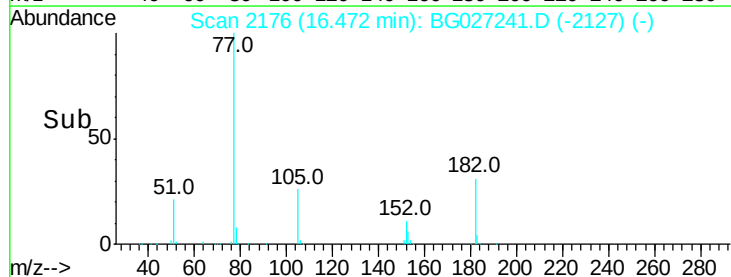
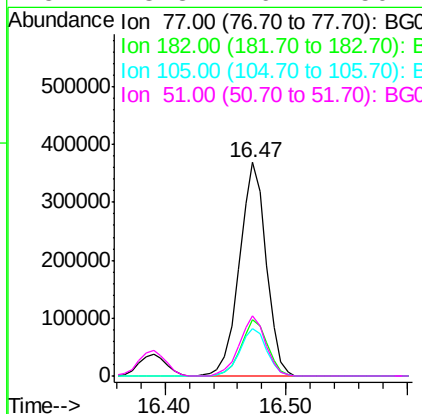
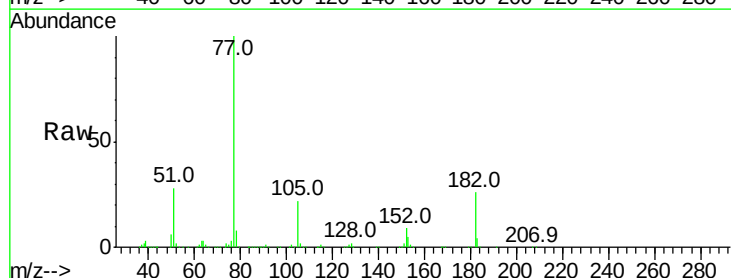
Instrument :
 BNA_G
 ClientSampleID :

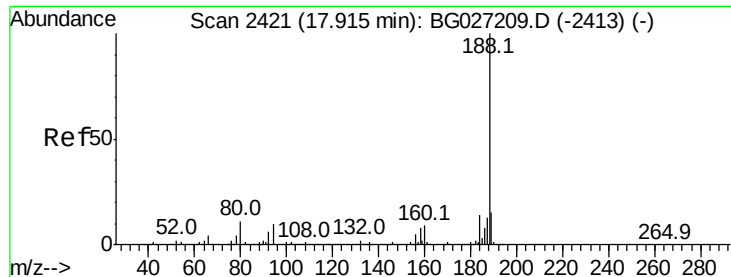
Tot Ion:138 Resp: 127654
 Ion Ratio Lower Upper
 138 100
 92 53.2 44.2 84.2
 108 72.0 104.8 144.8#



#62
 Azobenzene
 Concen: 49.21 ng
 RT: 16.47 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion: 77 Resp: 568194
 Ion Ratio Lower Upper
 77 100
 182 26.1 4.7 44.7
 105 22.0 0.0 36.3
 51 28.3 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

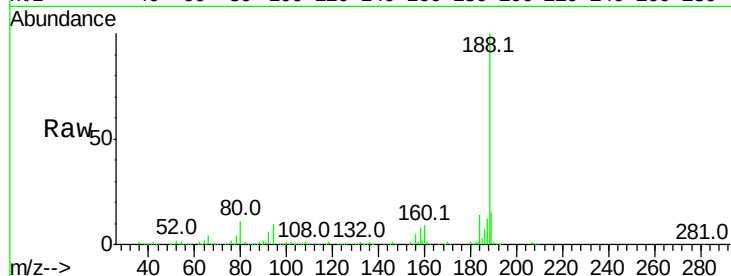
Tot Ion:188 Resp: 369831

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.8#

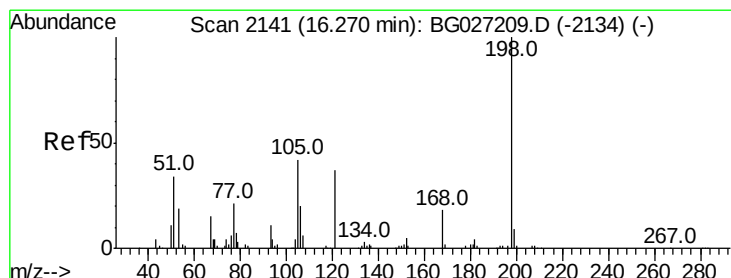
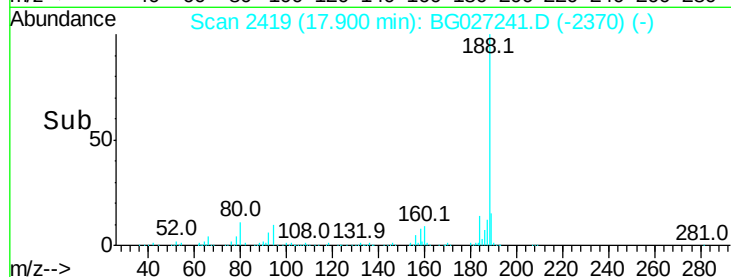
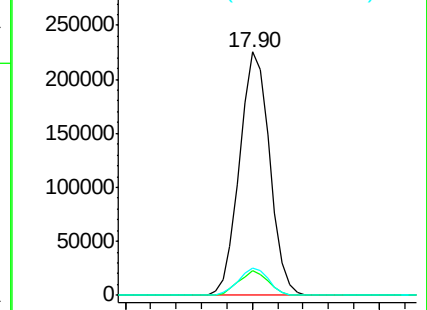
80 11.1 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.78 ng

RT: 16.26 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

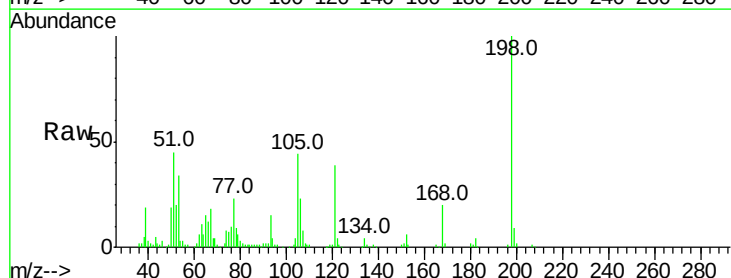
Tgt Ion:198 Resp: 89860

Ion Ratio Lower Upper

198 100

51 44.5 22.6 62.6

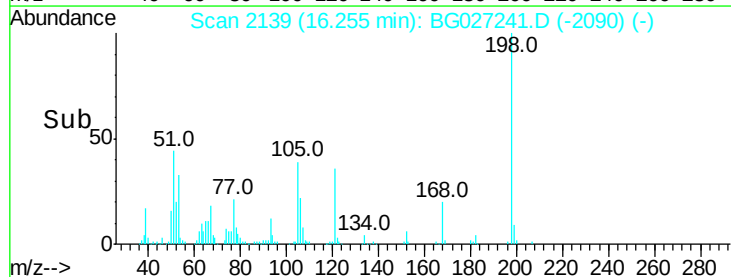
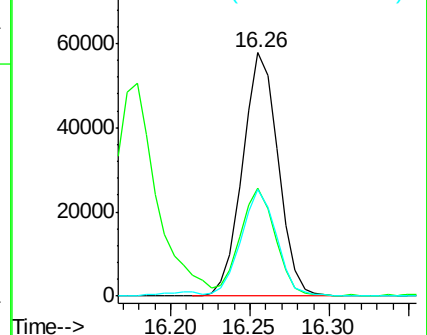
105 43.8 14.4 54.4

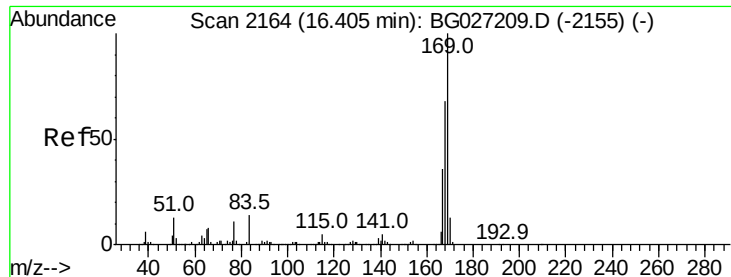


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.75 ng

RT: 16.39 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

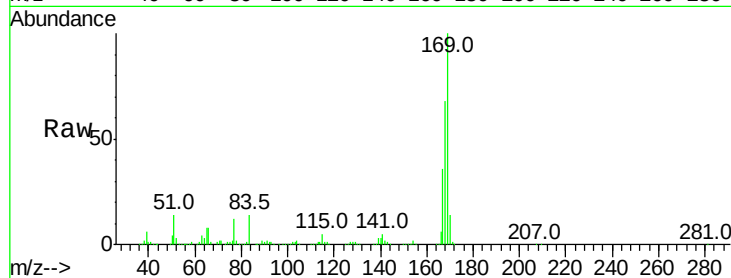
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 507267

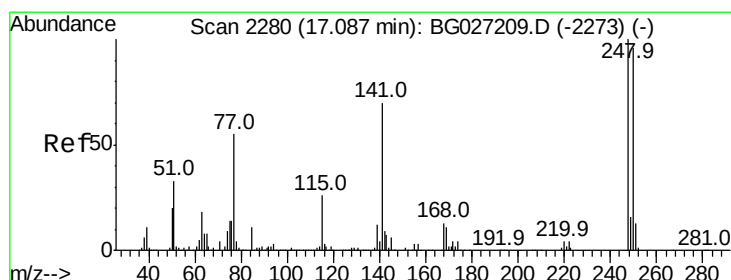
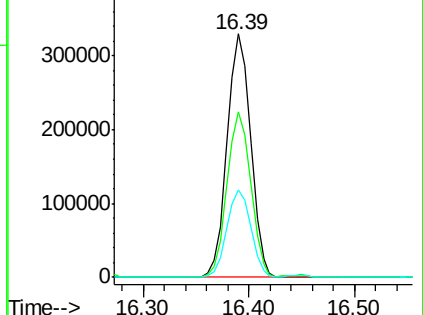
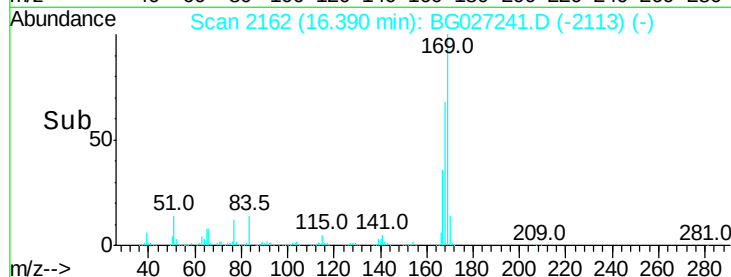
Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.7	83.5
167	36.1	29.8	44.6



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: 43.41 ng

RT: 17.08 min Scan# 2279

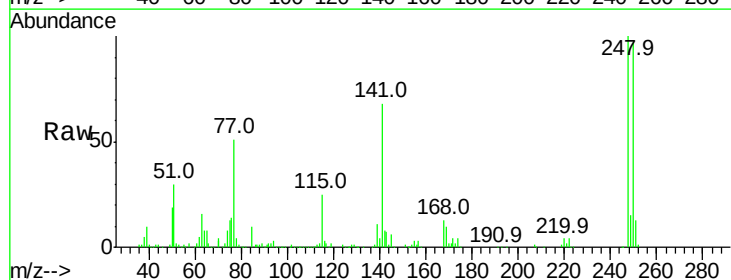
Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:248 Resp: 190015

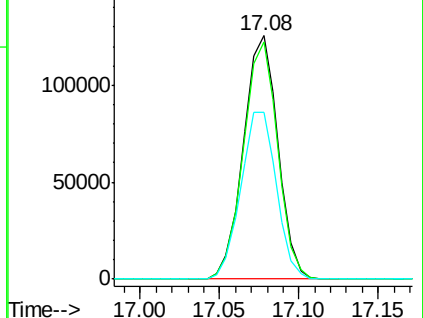
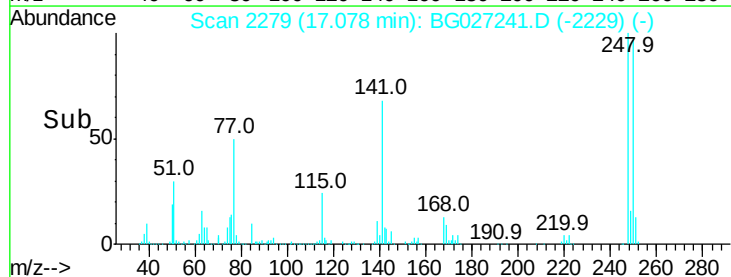
Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.0	112.6
141	68.5	55.2	82.8

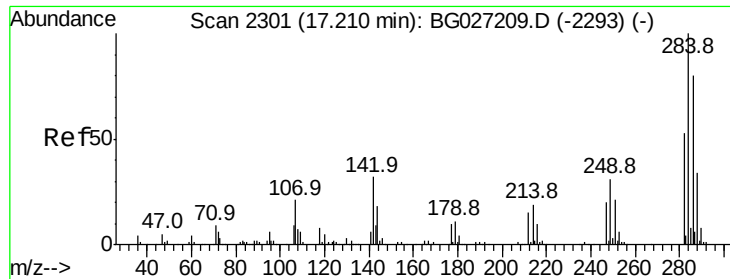


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.92 ng

RT: 17.20 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

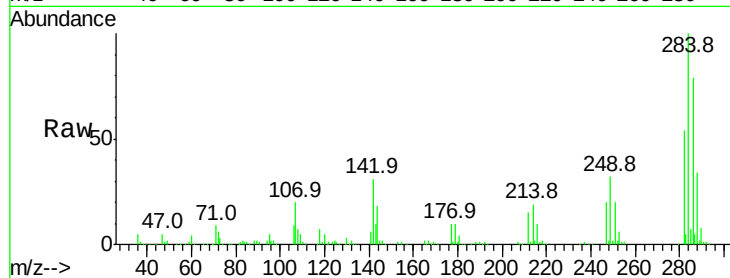
Tot Ion:284 Resp: 202079

Ion Ratio Lower Upper

284 100

142 31.3 29.9 44.9

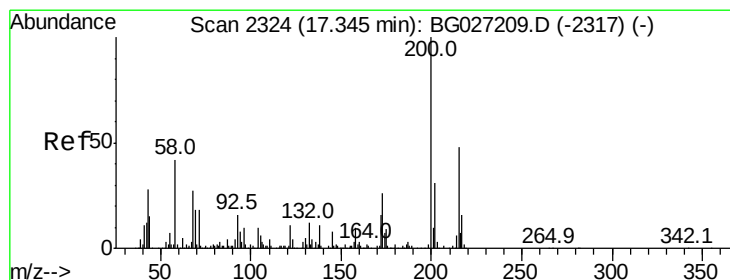
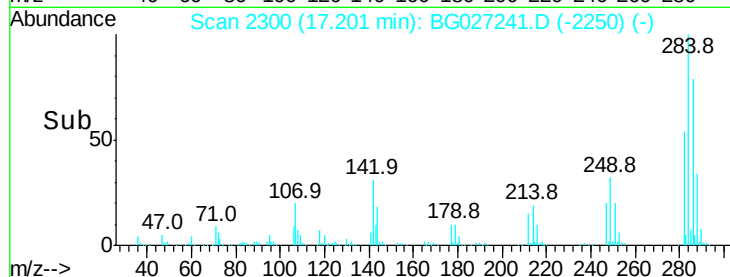
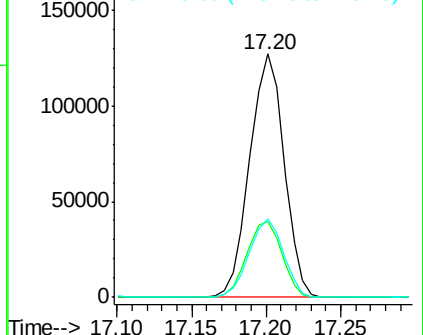
249 32.2 29.2 43.8



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: 47.63 ng

RT: 17.33 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

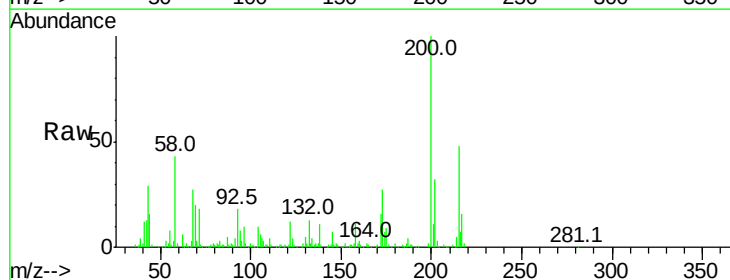
Tgt Ion:200 Resp: 184679

Ion Ratio Lower Upper

200 100

173 26.5 3.0 43.0

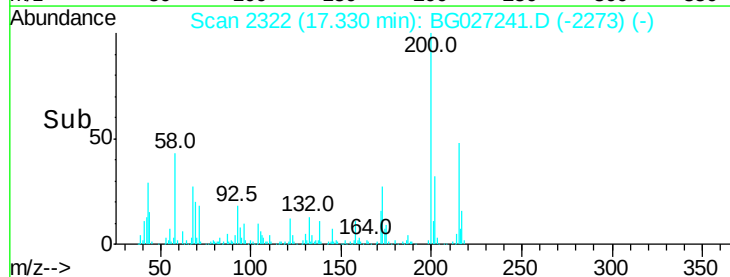
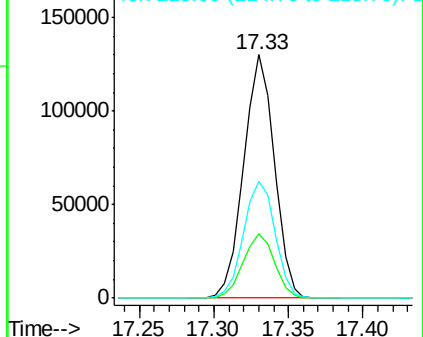
215 48.2 28.4 68.4

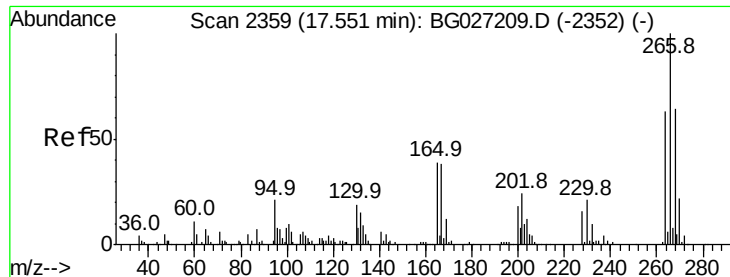


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 90.78 ng

RT: 17.54 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

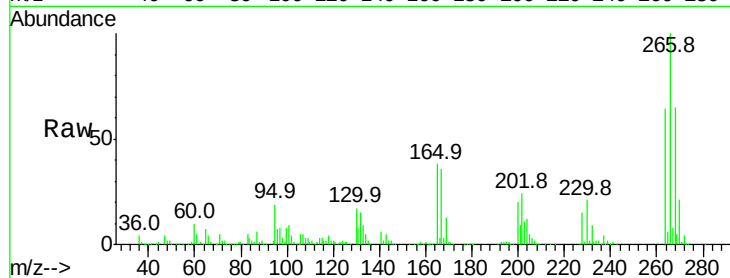
Tot Ion:266 Resp: 250522

Ion Ratio Lower Upper

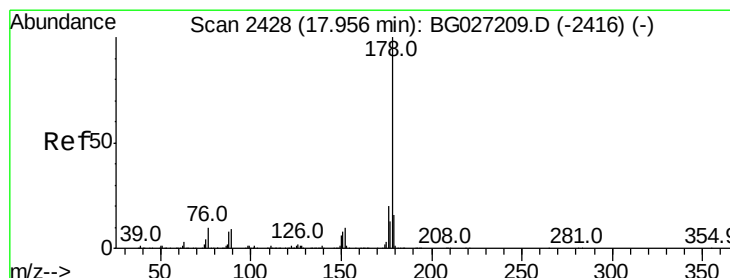
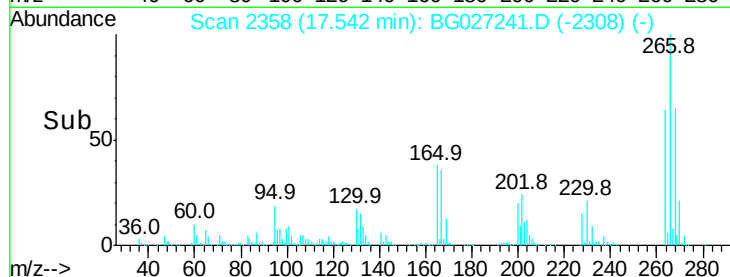
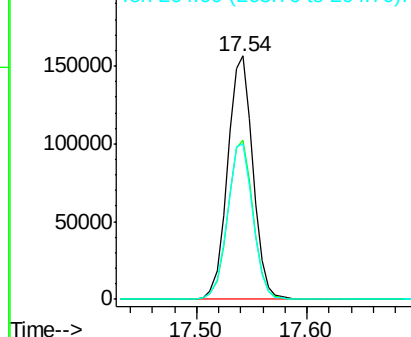
266 100

268 65.1 48.6 72.8

264 63.6 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: 42.42 ng

RT: 17.95 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

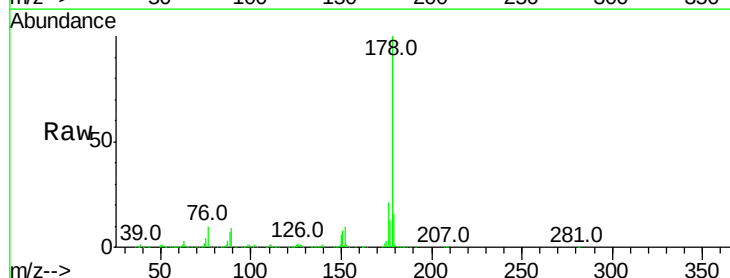
Tgt Ion:178 Resp: 882632

Ion Ratio Lower Upper

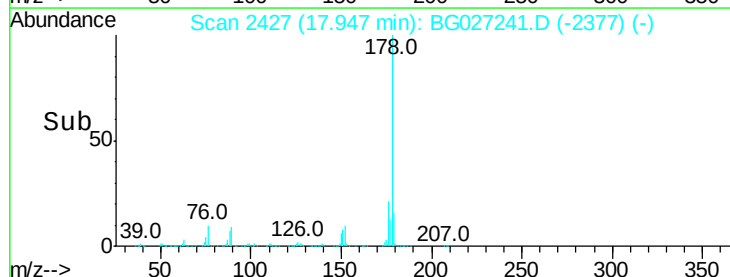
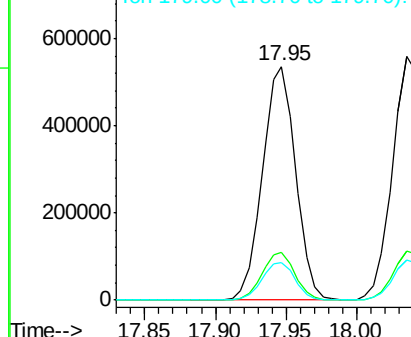
178 100

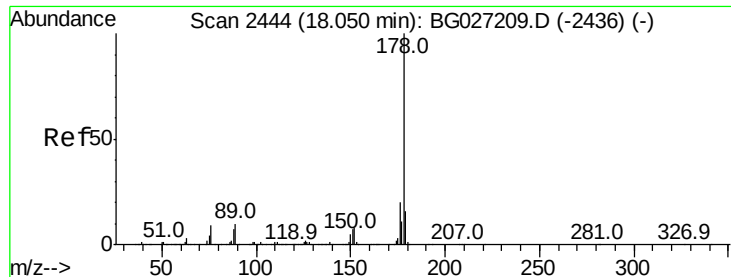
176 20.6 17.7 26.5

179 16.3 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

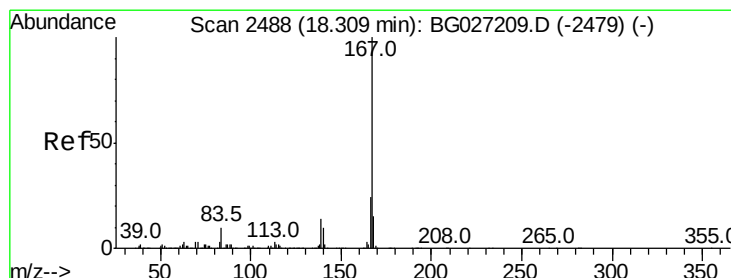
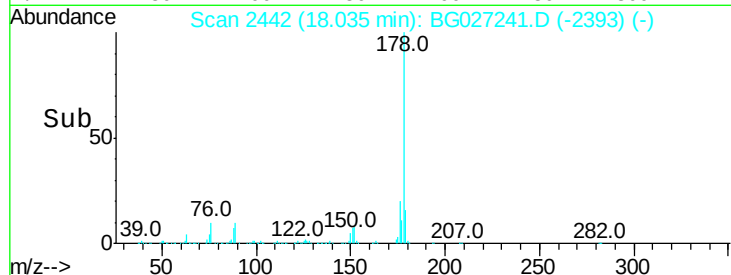
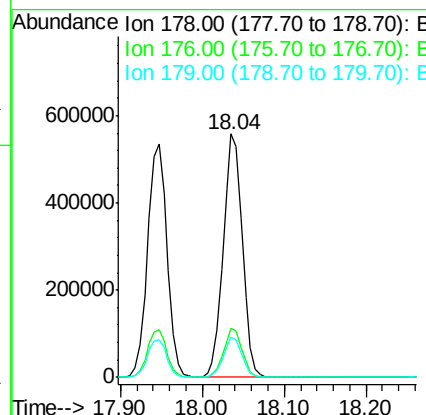
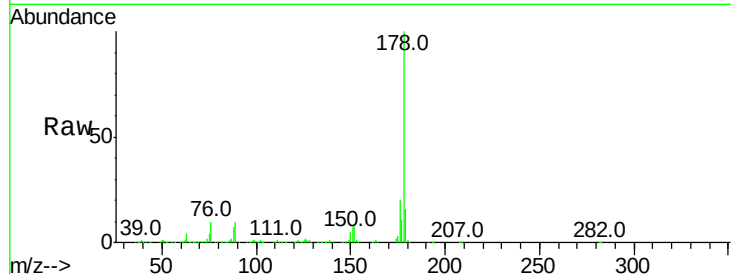




#71
 Anthracene
 Concen: 43.42 ng
 RT: 18.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

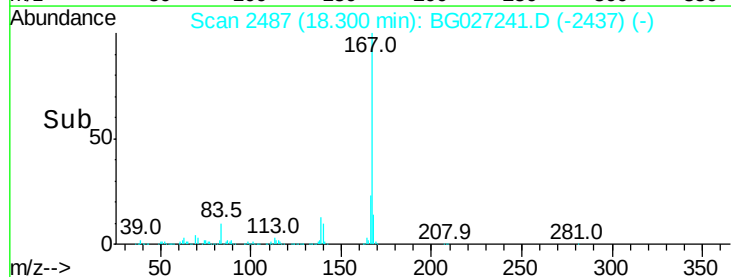
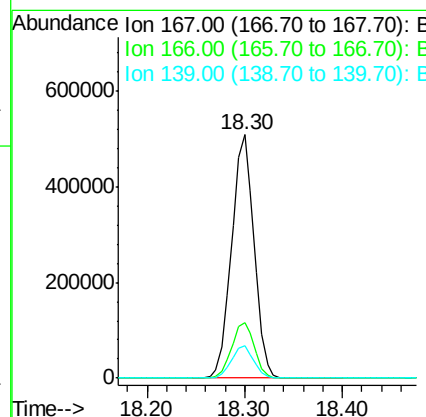
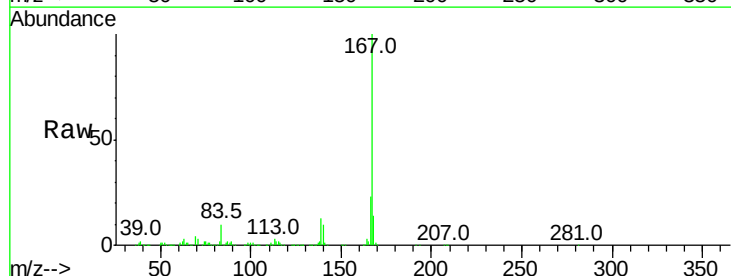
Instrument :
 BNA_G
 ClientSampleId :

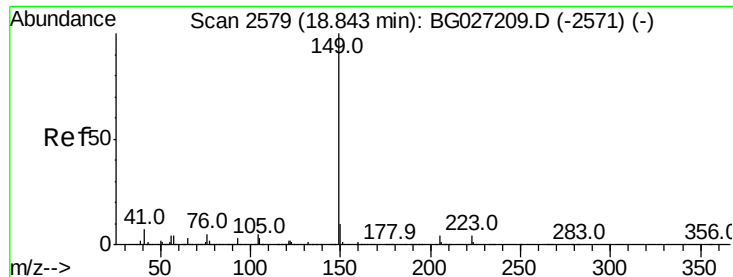
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	16.4	13.8	20.8



#72
 Carbazole
 Concen: 41.18 ng
 RT: 18.30 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	20.2	30.2
139	13.1	12.8	19.2

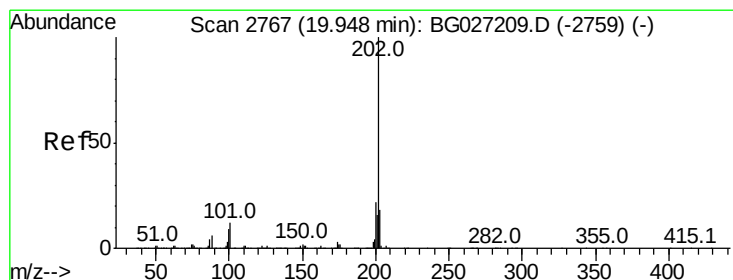
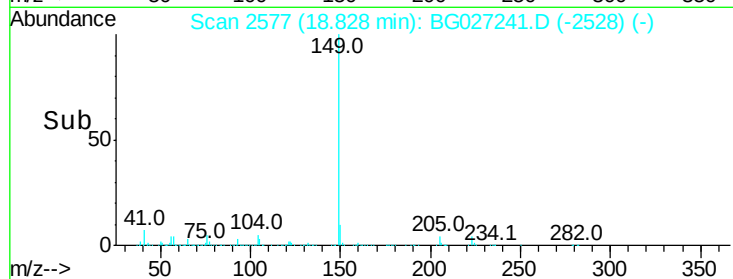
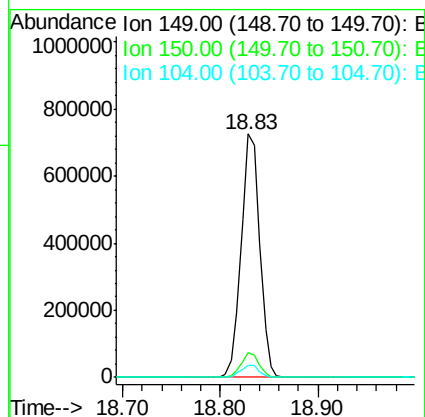
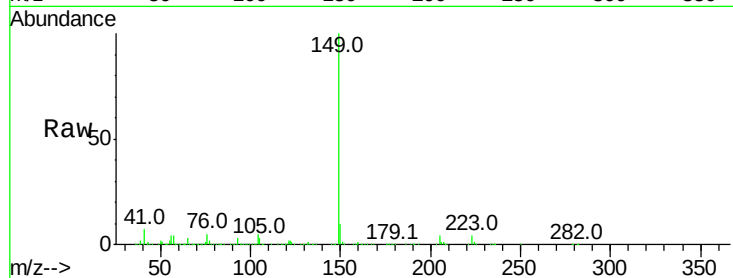




#73
Di-n-butylphthalate
Concen: 50.50 ng
RT: 18.83 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

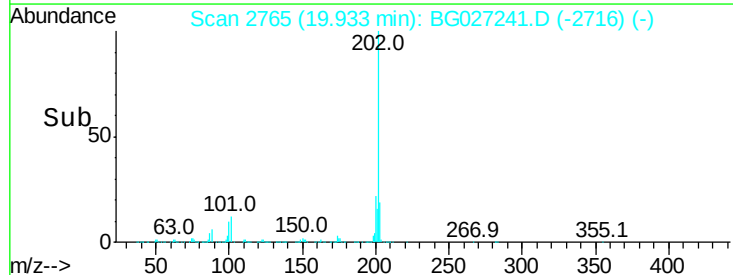
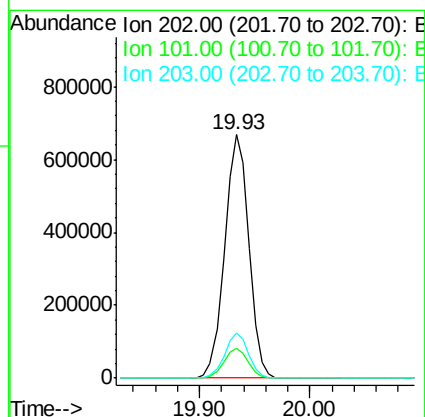
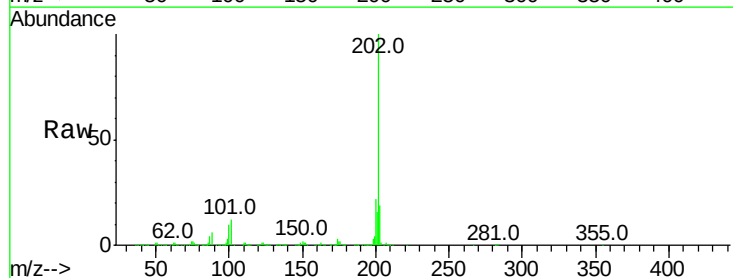
Instrument :
BNA_G
ClientSampleId :

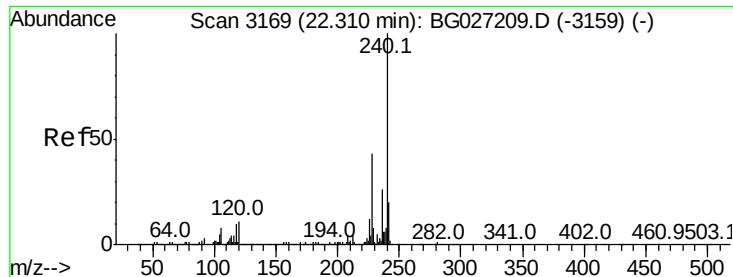
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	9.1	13.7
104	5.2	6.7	10.1#



#74
Fluoranthene
Concen: 45.64 ng
RT: 19.93 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.1
203	18.8	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

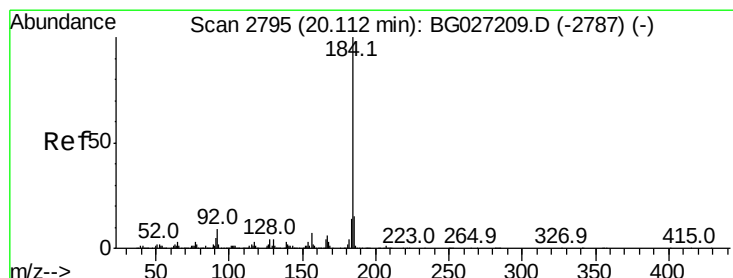
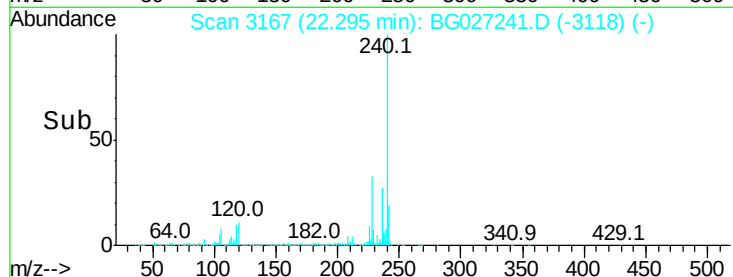
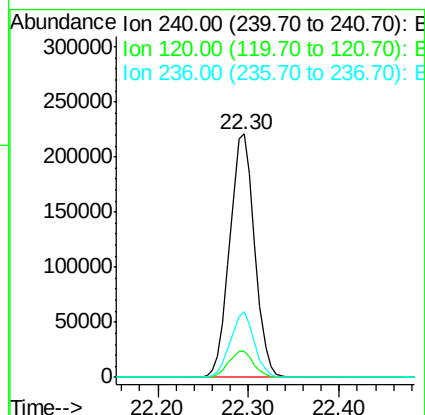
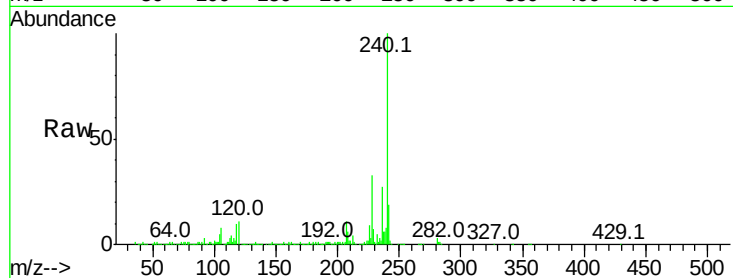
Tot Ion:240 Resp: 421783

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

236 26.9 22.2 33.4



#76

Benzidine

Concen: 23.16 ng

RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

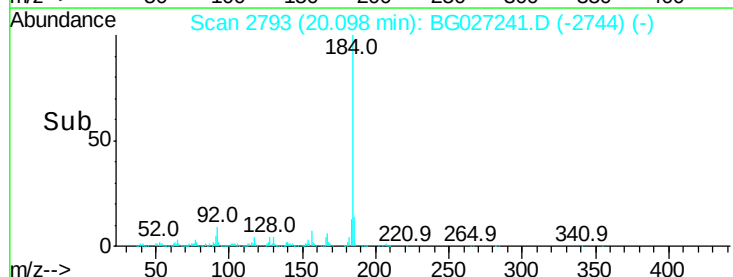
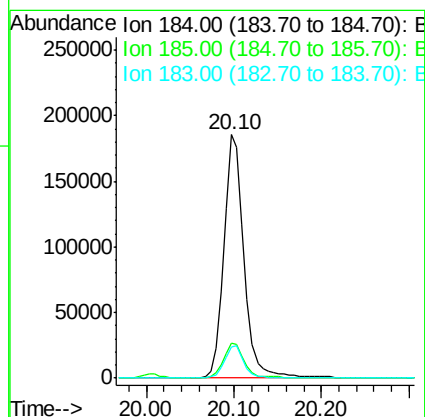
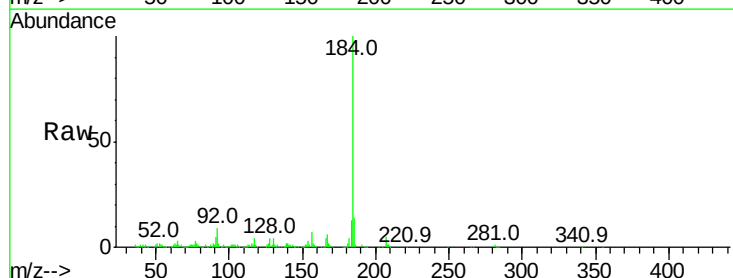
Tgt Ion:184 Resp: 294204

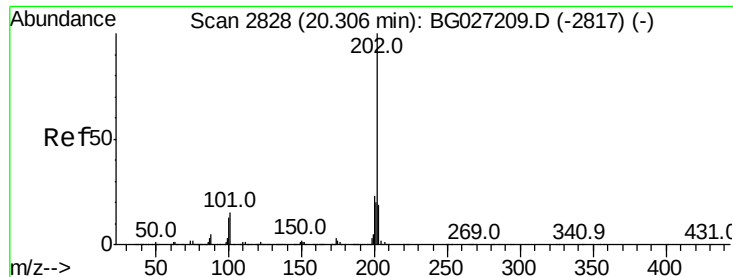
Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

183 12.7 11.0 16.6

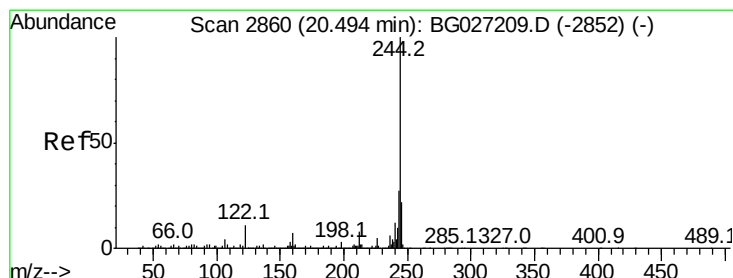
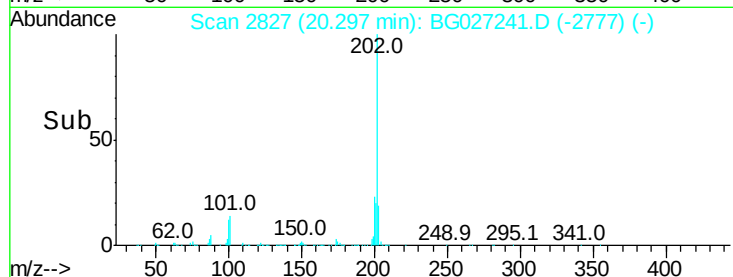
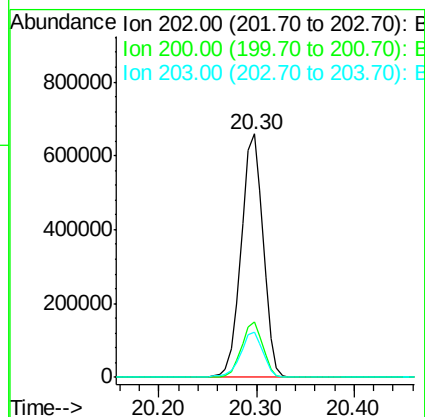
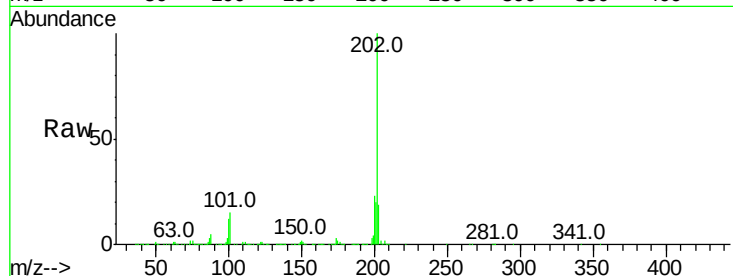




#77
Pvrene
Concen: 40.51 ng
RT: 20.30 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

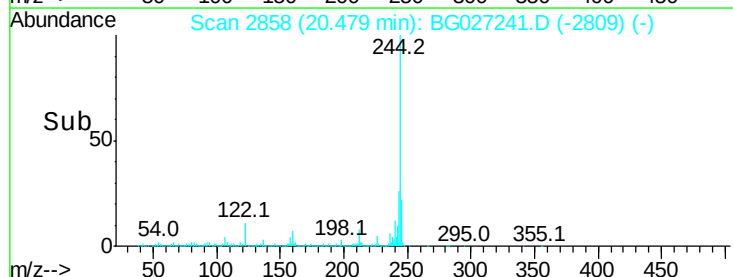
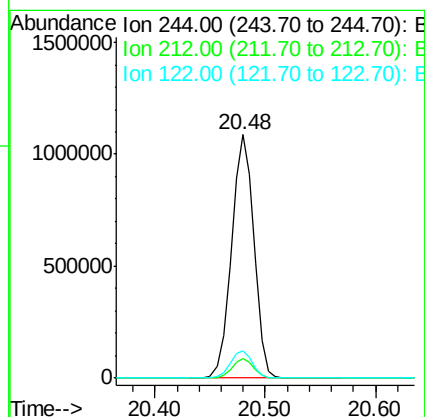
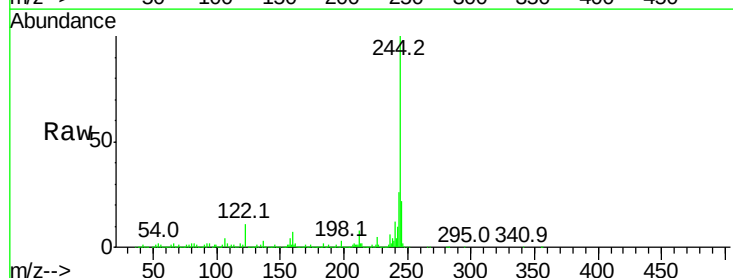
Instrument :
BNA_G
ClientSampleId :

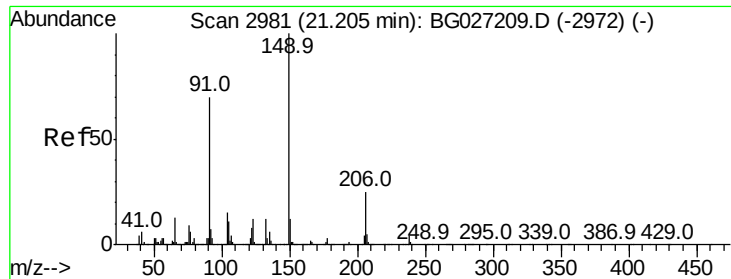
Tot Ion:202 Resp: 1032458
Ion Ratio Lower Upper
202 100
200 22.9 19.6 29.4
203 18.7 15.8 23.8



#78
Terphenyl-d14
Concen: 93.08 ng
RT: 20.48 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:244 Resp: 1538929
Ion Ratio Lower Upper
244 100
212 8.2 10.0 15.0#
122 11.4 8.6 12.8

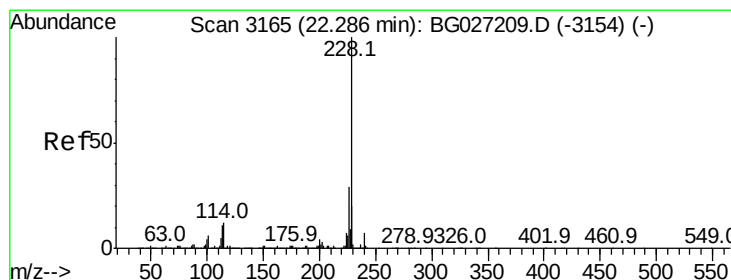
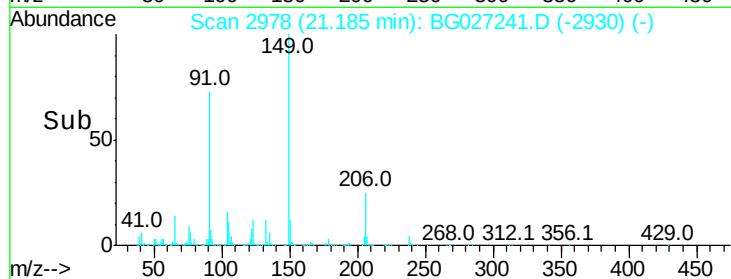
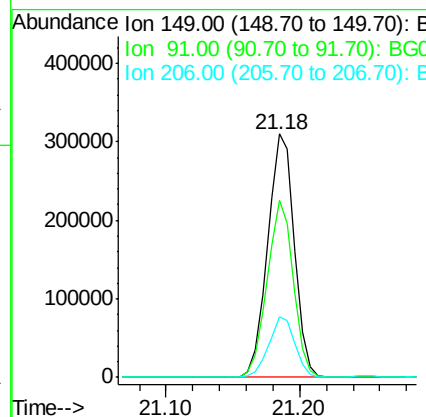
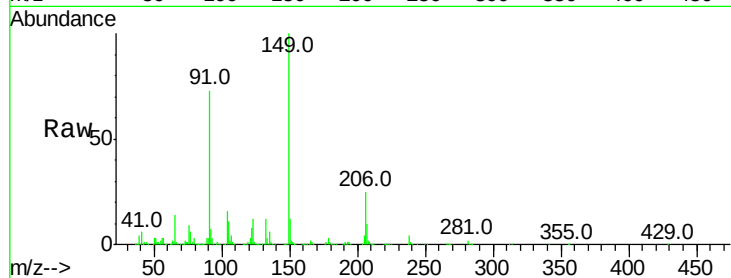




#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 21.18 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

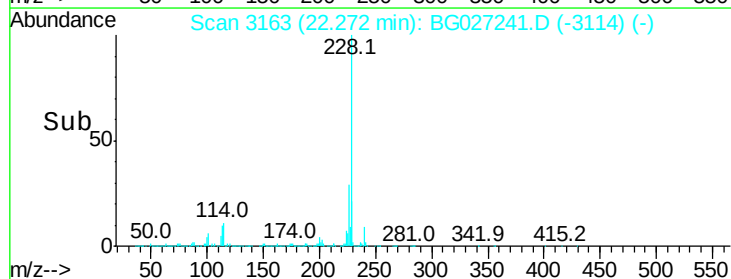
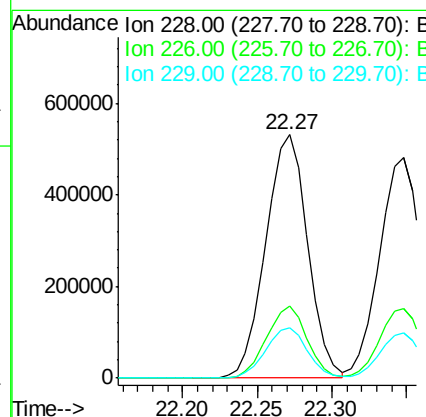
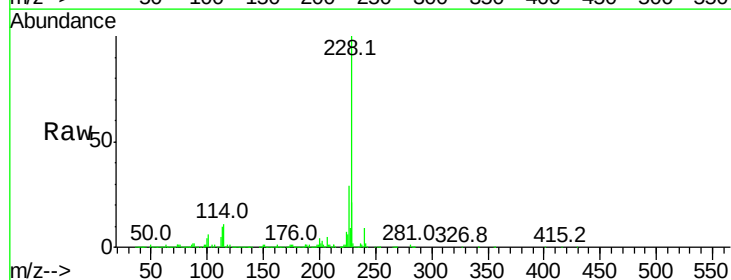
Instrument :
BNA_G
ClientSampleId :

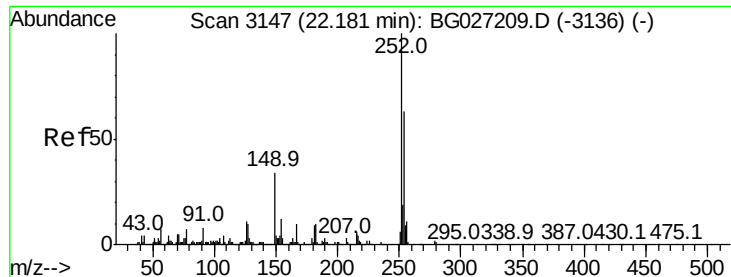
Tot Ion:149 Resp: 427673
Ion Ratio Lower Upper
149 100
91 72.7 63.5 95.3
206 24.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.13 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion:228 Resp: 1037355
Ion Ratio Lower Upper
228 100
226 29.4 24.9 37.3
229 20.9 18.2 27.2

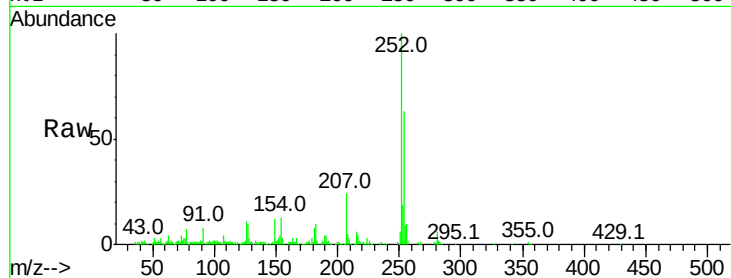




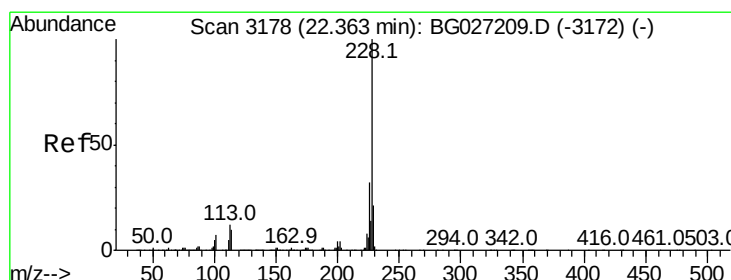
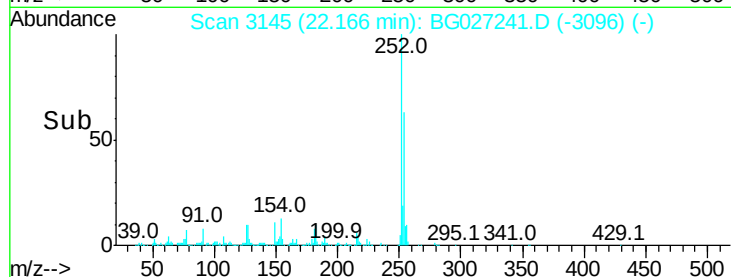
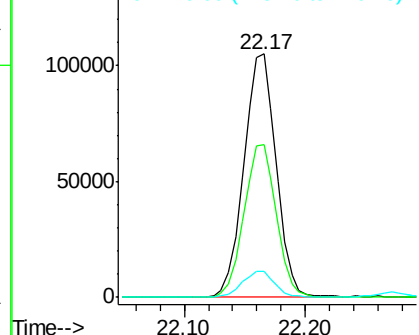
#81
 3,3'-Dichlorobenzidine
 Concen: 20.99 ng
 RT: 22.17 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	53.1	79.7
126	10.6	7.0	10.4

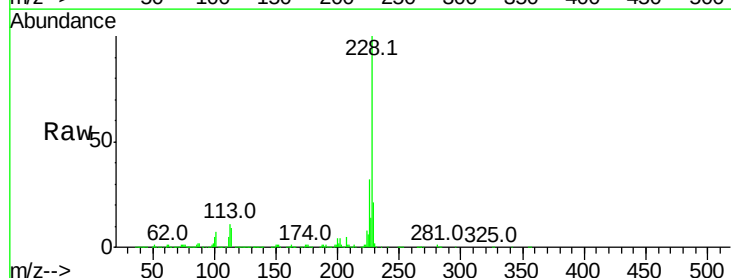


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

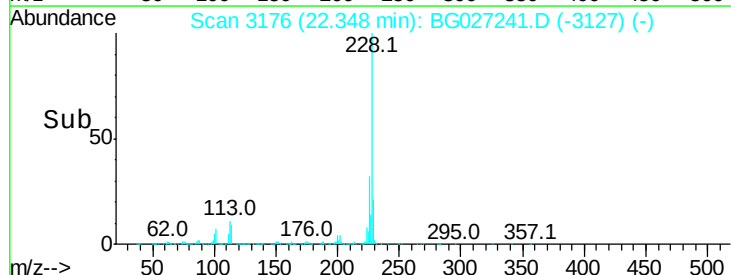
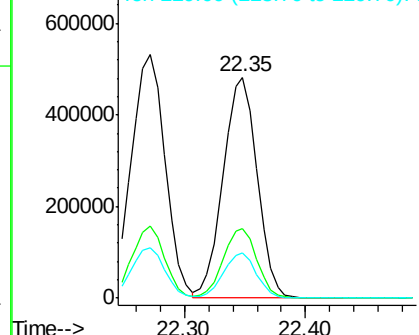


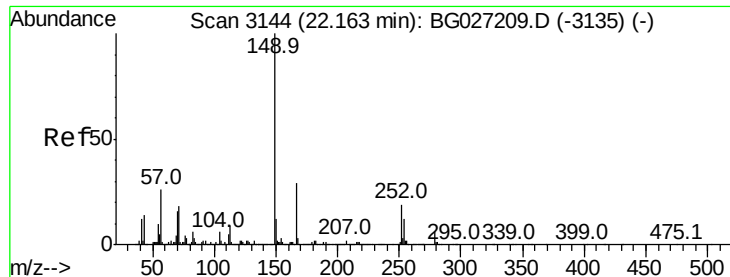
#82
 Chrysene
 Concen: 40.58 ng
 RT: 22.35 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG027241.D
 Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	27.0	40.4
229	20.6	17.8	26.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.72 ng

RT: 22.14 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

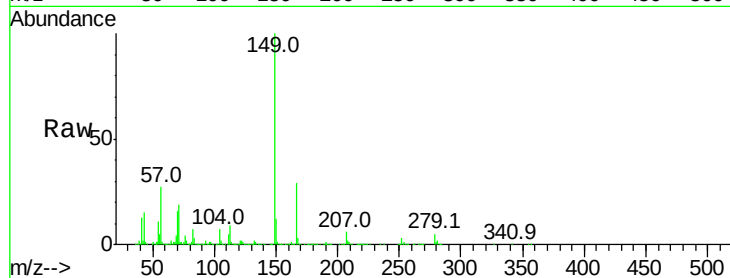
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 622122

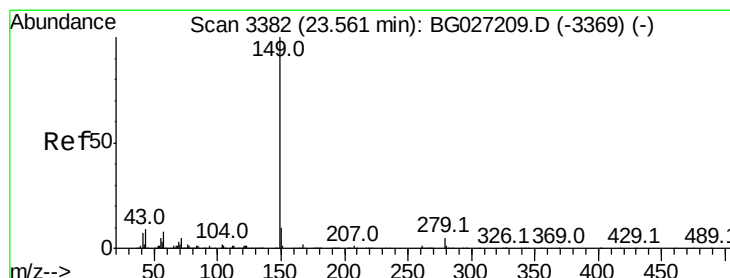
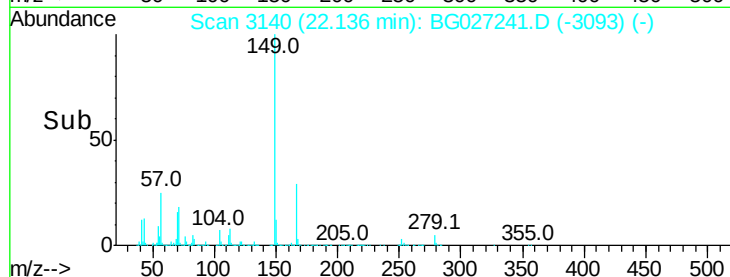
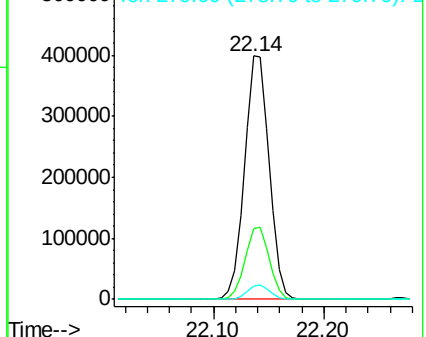
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	5.2	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.71 ng

RT: 23.53 min Scan# 3377

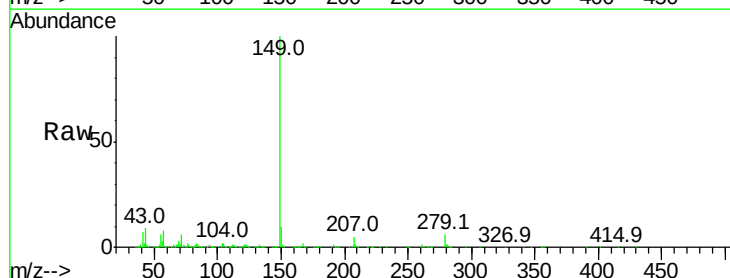
Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:149 Resp: 1052678

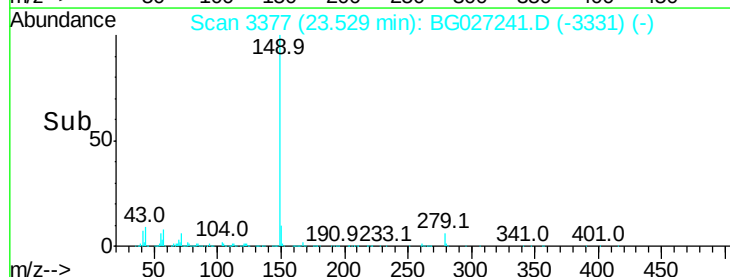
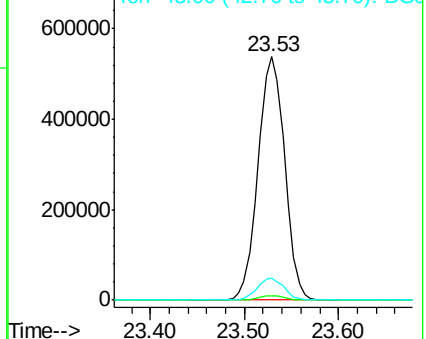
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.0	11.8	17.6

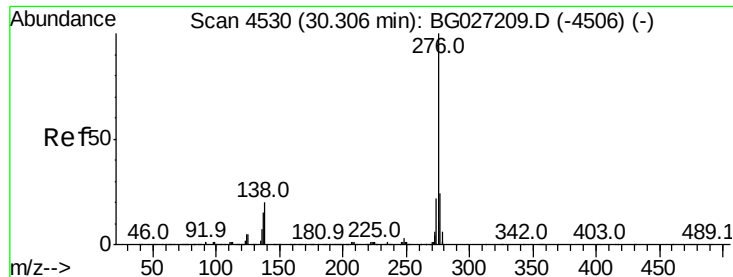


Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.37 ng

RT: 30.27 min Scan# 4525

Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

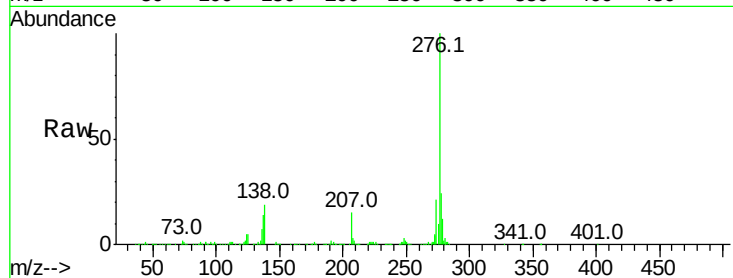
Instrument :

BNA_G

ClientSampled :

Tot Ion:276 Resp: 1212950

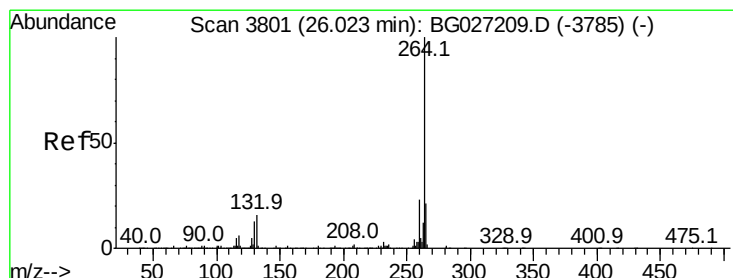
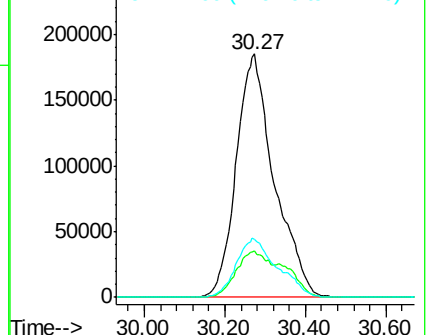
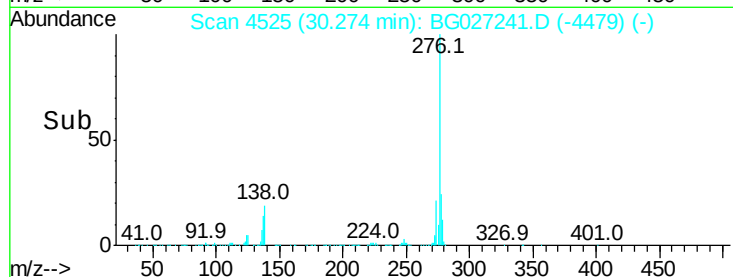
Ion	Ratio	Lower	Upper
276	100		
138	17.2	4.7	7.1#
277	26.2	20.6	31.0



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: 25.99 min Scan# 3796

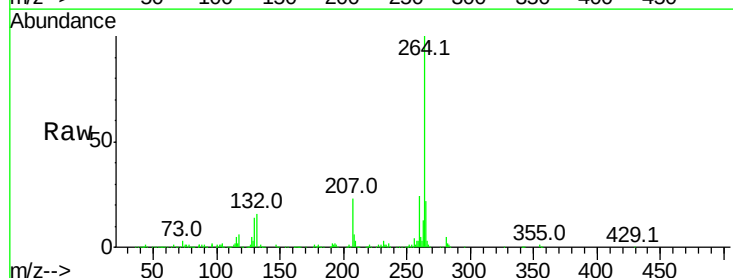
Delta R.T. -0.03 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:264 Resp: 390065

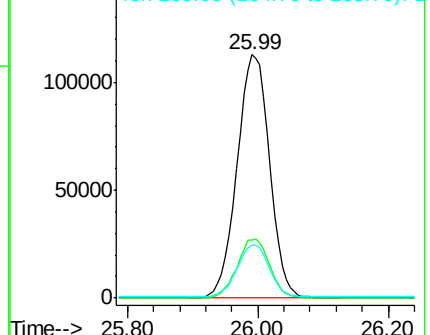
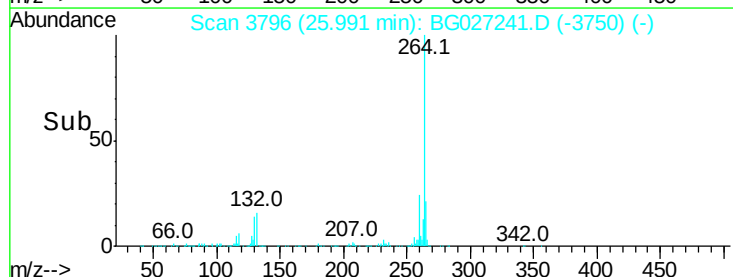
Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	22.0	18.2	27.4

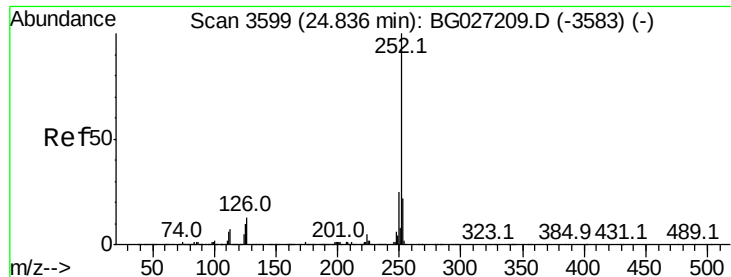


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.85 ng

RT: 24.81 min Scan# 3595

Delta R.T. -0.03 min

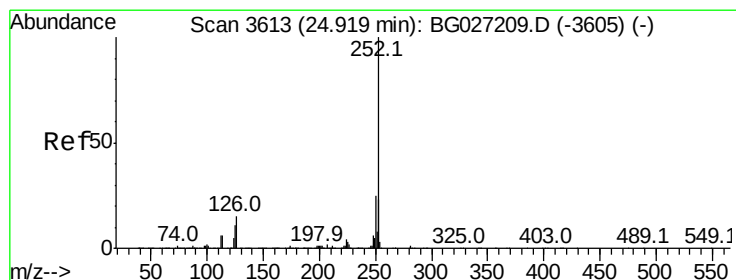
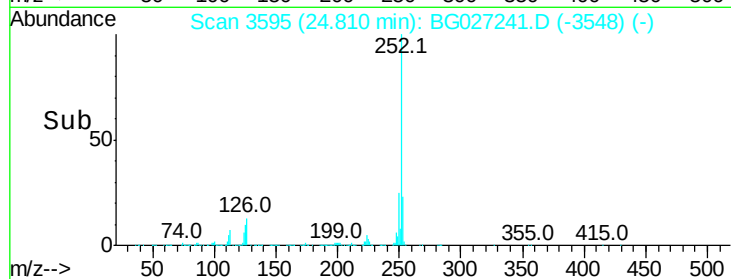
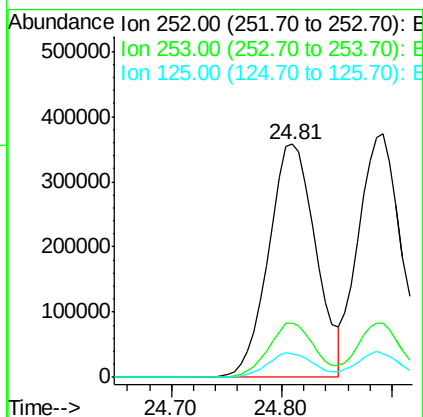
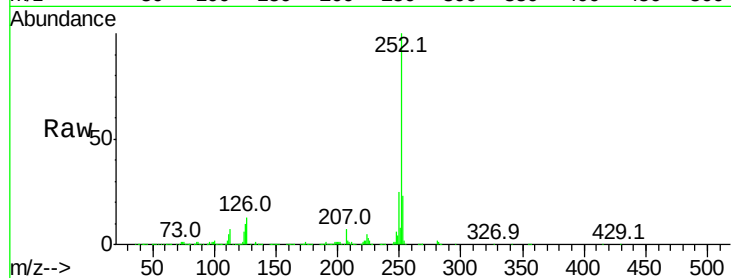
Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1060732

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	10.0	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 42.42 ng

RT: 24.89 min Scan# 3609

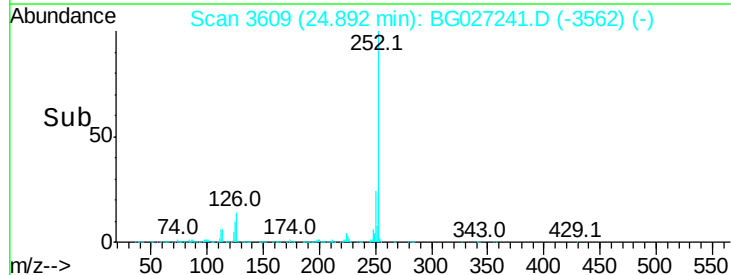
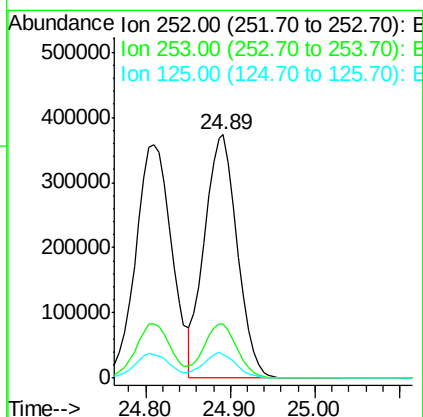
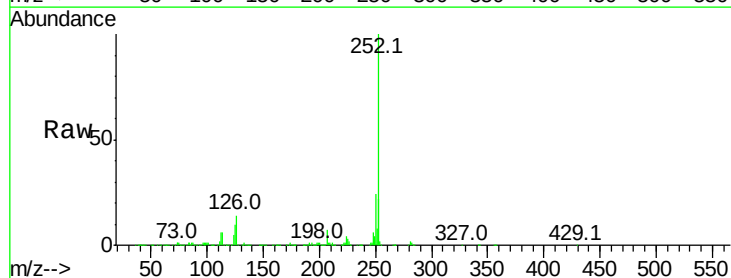
Delta R.T. -0.03 min

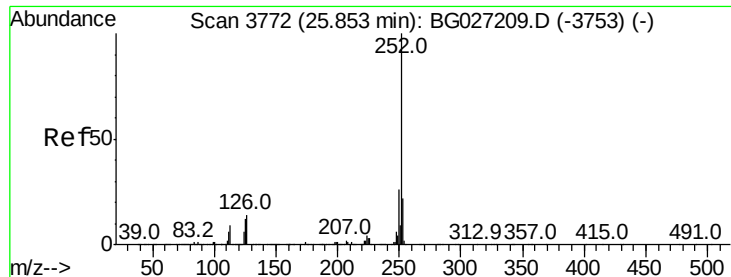
Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Tgt Ion:252 Resp: 1006717

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	9.8	5.1	7.7#

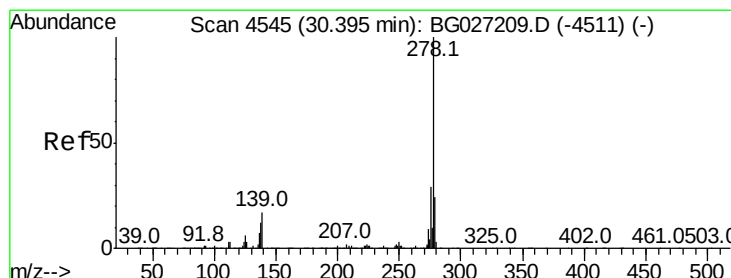
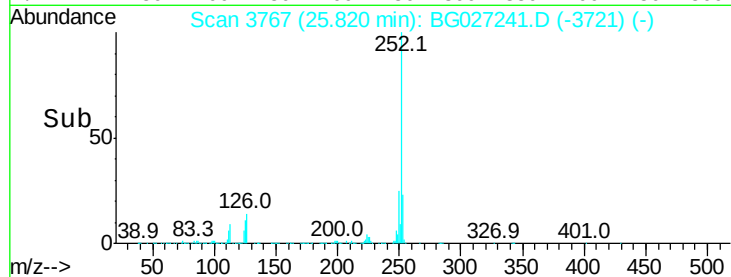
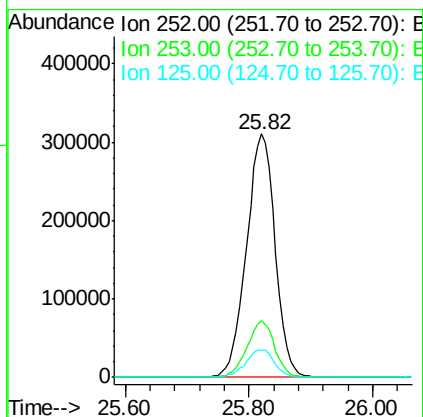
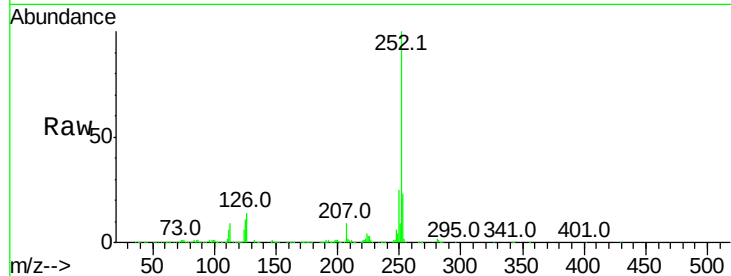




#89
Benzo(a)pyrene
Concen: 43.79 ng
RT: 25.82 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

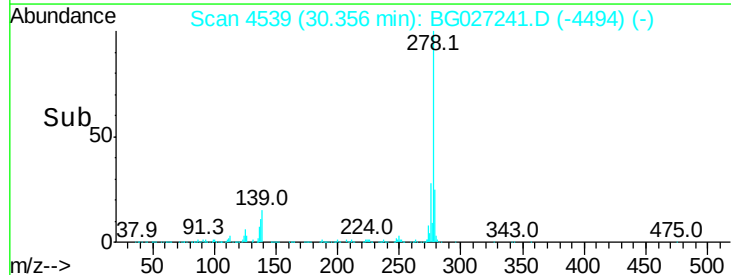
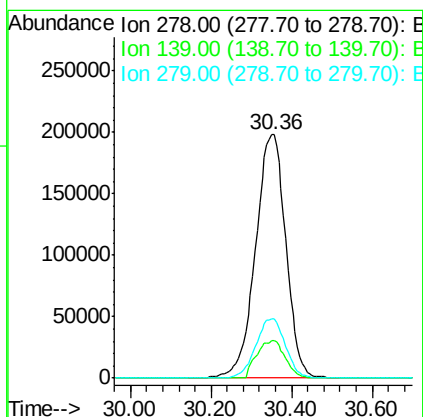
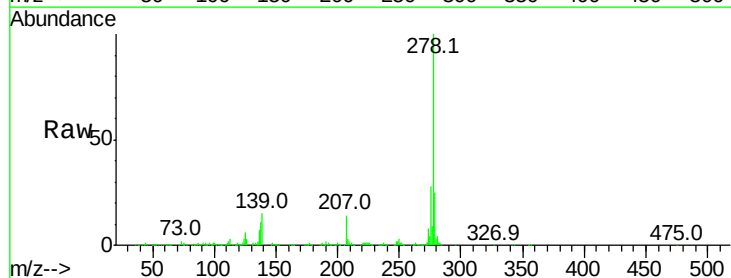
Instrument :
BNA_G
ClientSampleId :

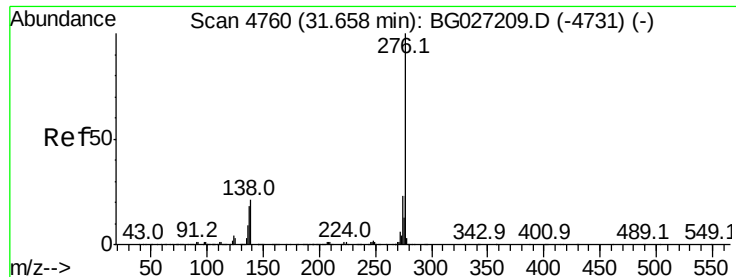
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	11.3	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 43.56 ng
RT: 30.36 min Scan# 4539
Delta R.T. -0.04 min
Lab File: BG027241.D
Acq: 6 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	7.7	11.5
279	24.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 42.88 ng

RT: 31.61 min Scan# 4753

Delta R.T. -0.04 min

Lab File: BG027241.D

Acq: 6 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

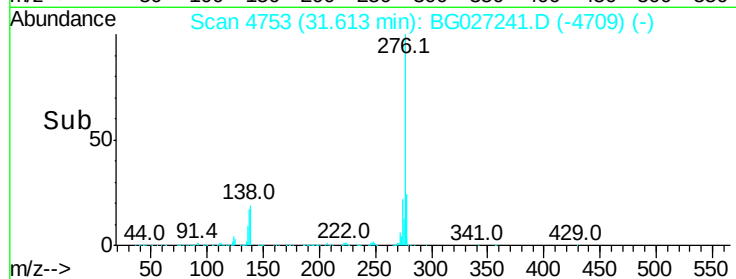
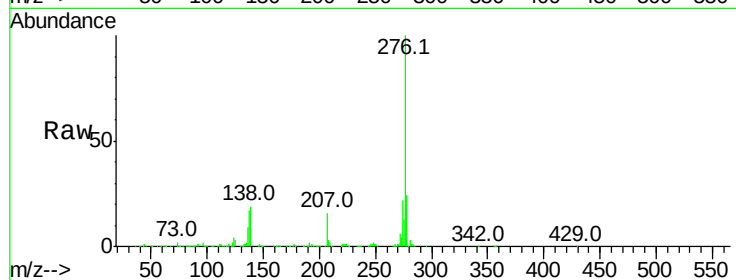
Tot Ion:276 Resp: 989913

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 19.2 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

