

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027460.D
 Acq On : 16 Jun 2017 2:59
 Operator : SJ/MA
 Sample : I3681-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 04:56:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	34987	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	170263	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	126704	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	356440	20.00	ng	0.00
75) Chrysene-d12	22.24	240	405701	20.00	ng	0.00
86) Perylene-d12	25.89	264	383678	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	365858	147.78	ng	0.00
7) Phenol-d6	7.66	99	492257	129.38	ng	0.00
23) Nitrobenzene-d5	9.69	82	341380	102.22	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	350308	184.21	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	810777	92.44	ng	0.00
78) Terphenyl-d14	20.44	244	1657794	104.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	4.12	88	40593	39.57	ng	93
3) Pyridine	4.50	79	118610	37.84	ng	# 84
4) n-Nitrosodimethylamine	4.40	42	58159	43.02	ng	# 57
6) Aniline	7.85	93	144825	31.98	ng	96
8) 2-Chlorophenol	8.09	128	128372	49.69	ng	96
9) Benzaldehyde	7.67	77	42459	16.56	ng	92
10) Phenol	7.68	94	171402	43.70	ng	80
11) bis(2-Chloroethyl)ether	7.92	93	188785	60.70	ng	84
12) 1,3-Dichlorobenzene	8.41	146	114003	41.94	ng	95
13) 1,4-Dichlorobenzene	8.56	146	117912	41.73	ng	98
14) 1,2-Dichlorobenzene	8.88	146	114909	41.42	ng	92
15) Benzyl Alcohol	8.75	79	129194	46.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.03	45	233383	43.49	ng	95
17) 2-Methylphenol	8.94	107	125255	47.27	ng	90
18) Hexachloroethane	9.61	117	43235	41.63	ng	# 84
19) n-Nitroso-di-n-propylamine	9.31	70	130522	45.36	ng	88
20) 3+4-Methylphenols	9.26	107	175924	46.14	ng	90
22) Acetophenone	9.34	105	218285	47.78	ng	# 87
24) Nitrobenzene	9.73	77	176913	47.90	ng	# 90
25) Isophorone	10.24	82	372714	51.00	ng	# 97
26) 2-Nitrophenol	10.44	139	72296	50.15	ng	# 83
27) 2,4-Dimethylphenol	10.47	122	146714	49.63	ng	97
28) bis(2-Chloroethoxy)methane	10.71	93	210185	47.18	ng	97
29) 2,4-Dichlorophenol	10.97	162	135367	53.04	ng	96
30) 1,2,4-Trichlorobenzene	11.19	180	122590	46.26	ng	96
31) Naphthalene	11.39	128	424931	45.70	ng	99
32) Benzoic acid	10.59	122	80382	42.72	ng	91
33) 4-Chloroaniline	11.51	127	41136	10.50	ng	# 91
34) Hexachlorobutadiene	11.66	225	71120	43.71	ng	98
35) Caprolactam	12.27	113	23119	20.46	ng	97
36) 4-Chloro-3-methylphenol	12.57	107	199749	54.75	ng	96
37) 2-Methylnaphthalene	12.95	142	329162	48.61	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	159303	42.71	ng	97
40) Hexachlorocyclopentadiene	13.29	237	178840	86.10	ng	96

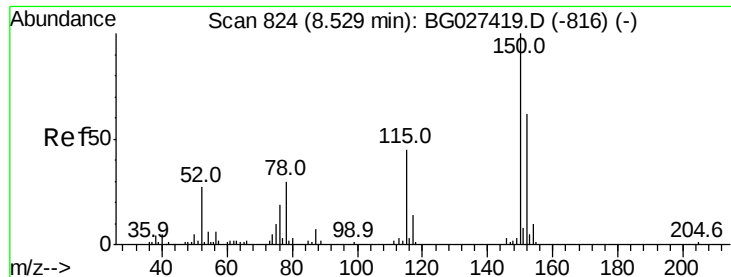
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027460.D
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Quant Time: Jun 16 04:56:39 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.55	196	125796	49.51	nq	94
43) 2,4,5-Trichlorophenol	13.62	196	143217	49.60	nq	96
45) 1,1'-Biphenyl	13.94	154	452338	44.87	nq	96
46) 2-Chloronaphthalene	13.99	162	346697	45.47	nq	98
47) 2-Nitroaniline	14.19	65	164982	54.73	nq	90
48) Acenaphthylene	14.83	152	605768	45.47	nq	97
49) Dimethylphthalate	14.55	163	558001	53.03	nq	98
50) 2,6-Dinitrotoluene	14.67	165	119043	54.89	nq	87
51) Acenaphthene	15.17	154	465696	52.43	nq	99
52) 3-Nitroaniline	15.01	138	83853	35.01	nq	93
53) 2,4-Dinitrophenol	15.20	184	148510	108.91	nq	94
54) Dibenzofuran	15.50	168	616903	50.97	nq	94
55) 4-Nitrophenol	15.30	139	217400	114.64	nq	# 59
56) 2,4-Dinitrotoluene	15.46	165	178292	57.72	nq	# 91
57) Fluorene	16.15	166	532757	48.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.72	232	148732	58.95	nq	95
59) Diethylphthalate	15.90	149	614633	56.84	nq	97
60) 4-Chlorophenyl-phenylether	16.13	204	271103	49.40	nq	98
61) 4-Nitroaniline	16.17	138	147336	60.08	nq	# 69
62) Azobenzene	16.43	77	635789	57.11	nq	90
64) 4,6-Dinitro-2-methylphenol	16.22	198	101702	49.21	nq	89
65) n-Nitrosodiphenylamine	16.35	169	491318	44.15	nq	99
66) 4-Bromophenyl-phenylether	17.03	248	194019	45.76	nq	98
67) Hexachlorobenzene	17.16	284	209112	44.59	nq	91
68) Atrazine	17.29	200	193821	50.22	nq	98
69) Pentachlorophenol	17.50	266	273258	101.36	nq	97
70) Phenanthrene	17.90	178	946791	47.59	nq	96
71) Anthracene	17.99	178	950147	47.23	nq	99
72) Carbazole	18.26	167	856541	44.45	nq	96
73) Di-n-butylphthalate	18.78	149	1049247	49.96	nq	# 94
74) Fluoranthene	19.89	202	1088287	47.52	nq	93
76) Benzidine	20.06	184	478043	53.74	nq	97
77) Pyrene	20.26	202	1107848	49.52	nq	96
79) Butylbenzylphthalate	21.13	149	484600	52.03	nq	96
80) Benzo(a)anthracene	22.21	228	1127709	48.36	nq	96
81) 3,3'-Dichlorobenzidine	22.11	252	270621	30.57	nq	# 96
82) Chrysene	22.29	228	1052505	47.22	nq	97
83) Bis(2-ethylhexyl)phthalate	22.07	149	688872	51.08	nq	98
84) Di-n-octyl phthalate	23.43	149	1170684	51.79	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.10	276	1347004	48.84	nq	# 89
87) Benzo(b)fluoranthene	24.72	252	1145451	47.11	nq	# 97
88) Benzo(k)fluoranthene	24.80	252	1136069	47.50	nq	# 94
89) Benzo(a)pyrene	25.72	252	1093983	48.00	nq	# 95
90) Dibenzo(a,h)anthracene	30.19	278	1155833	47.16	nq	# 96
91) Benzo(g,h,i)perylene	31.44	276	1098816	47.00	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.52 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

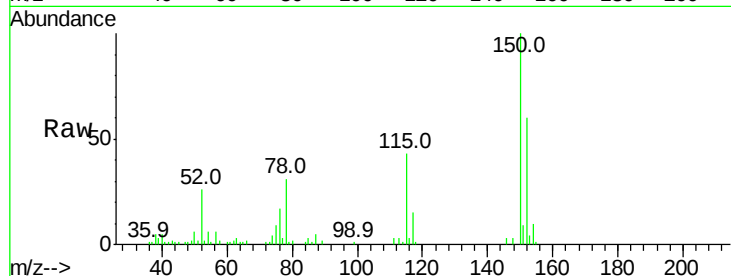
Tot Ion:152 Resp: 34987

Ion Ratio Lower Upper

152 100

150 166.6 114.0 171.0

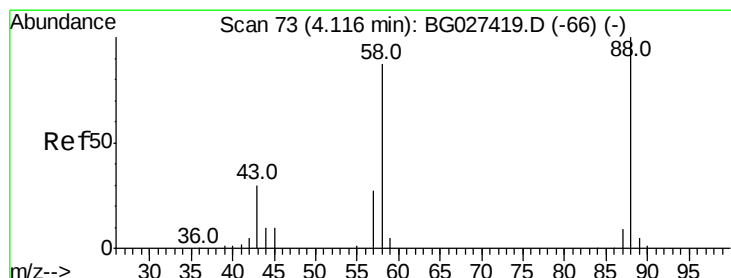
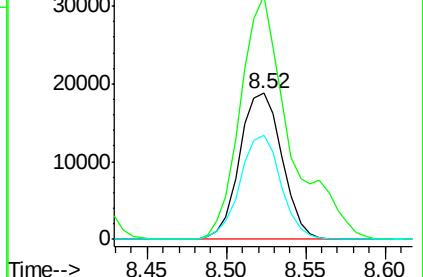
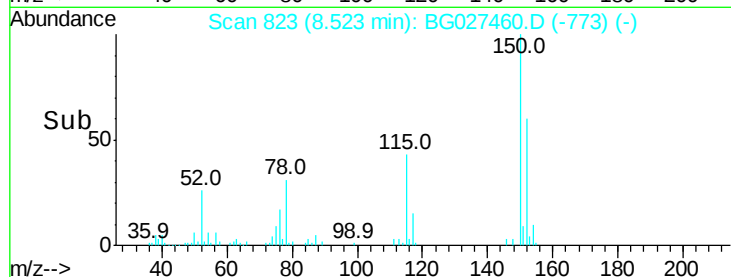
115 71.0 48.1 72.1



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: 39.57 ng

RT: 4.12 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

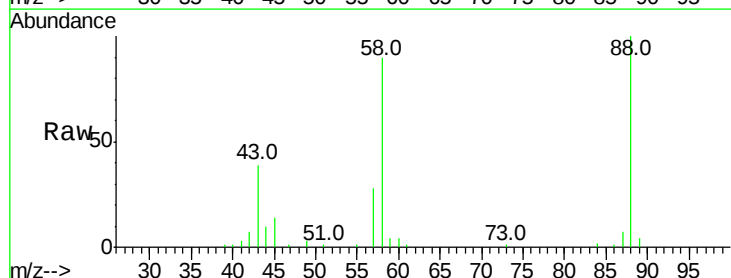
Tgt Ion: 88 Resp: 40593

Ion Ratio Lower Upper

88 100

58 89.4 79.4 119.2

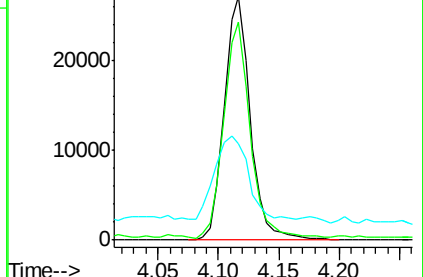
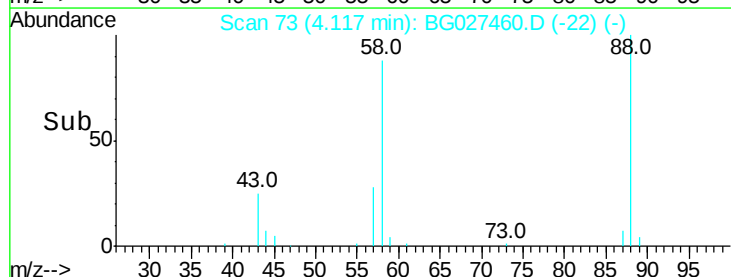
43 42.9 33.8 50.6

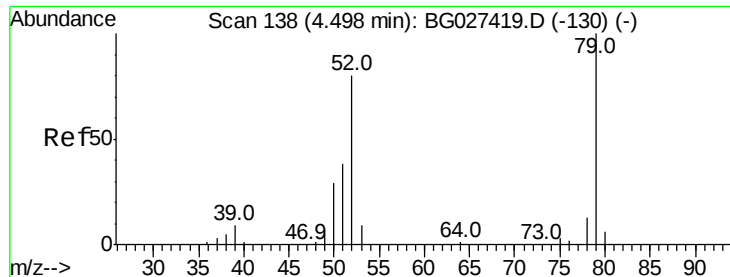


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.84 ng

RT: 4.50 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

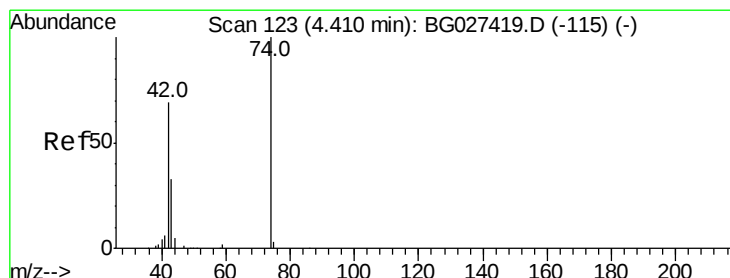
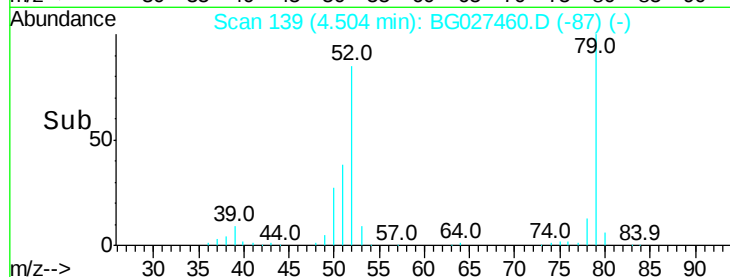
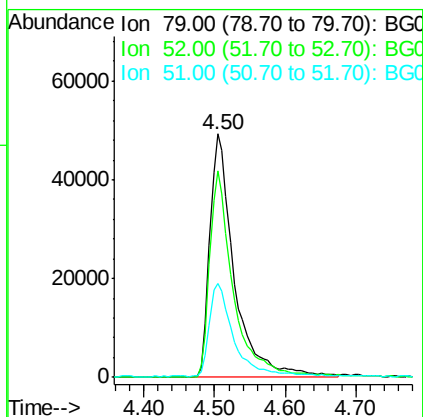
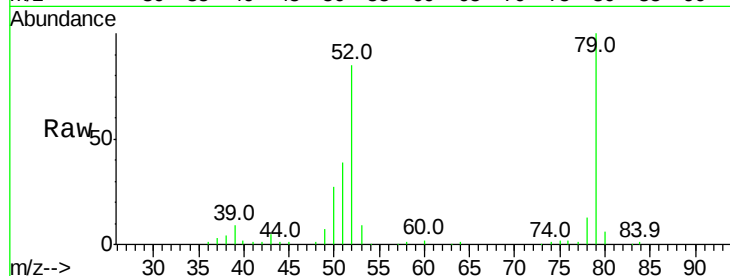
Tot Ion: 79 Resp: 118610

Ion Ratio Lower Upper

79 100

52 85.0 77.8 116.6

51 38.6 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 43.02 ng

RT: 4.40 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

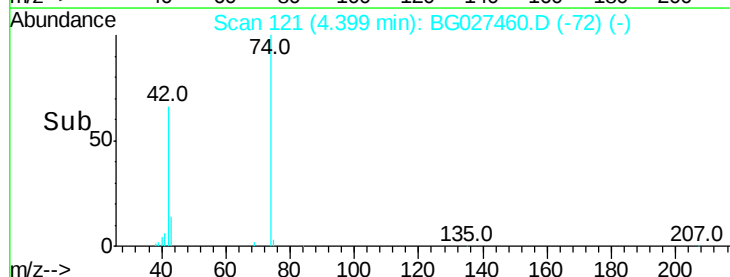
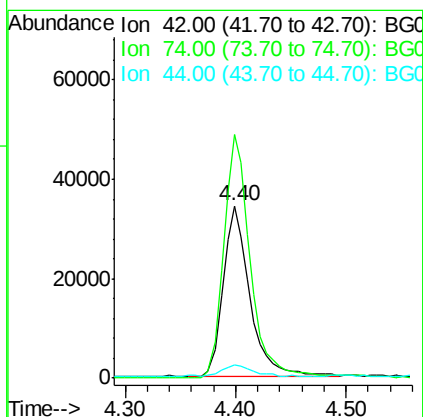
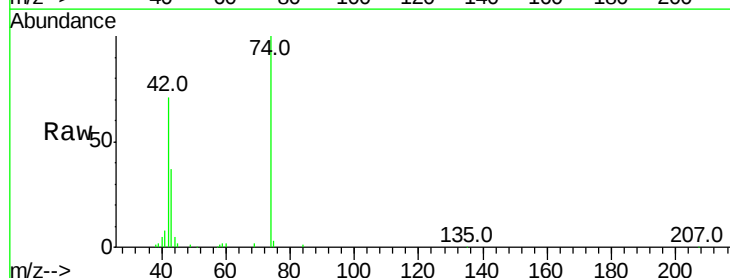
Tgt Ion: 42 Resp: 58159

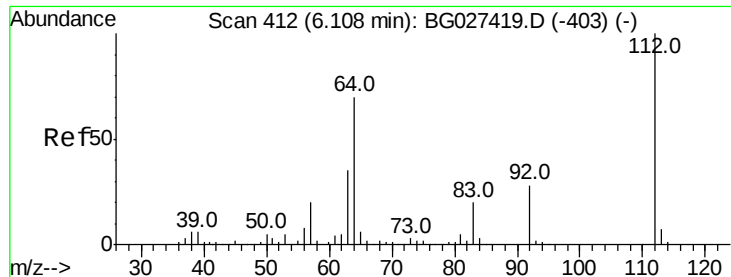
Ion Ratio Lower Upper

42 100

74 141.2 76.7 115.1#

44 7.6 6.1 9.1





#5

2-Fluorophenol

Concen: 147.78 ng

RT: 6.10 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampled :

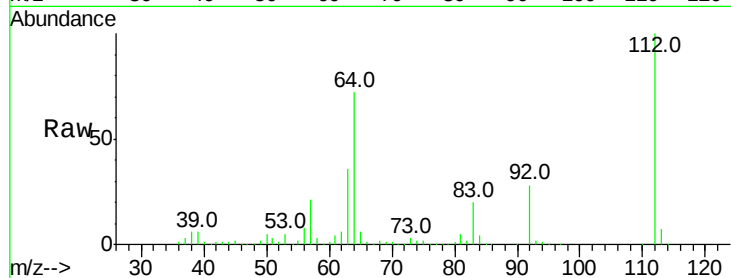
Tot Ion: 112 Resp: 365858

Ion Ratio Lower Upper

112 100

64 72.5 61.8 92.6

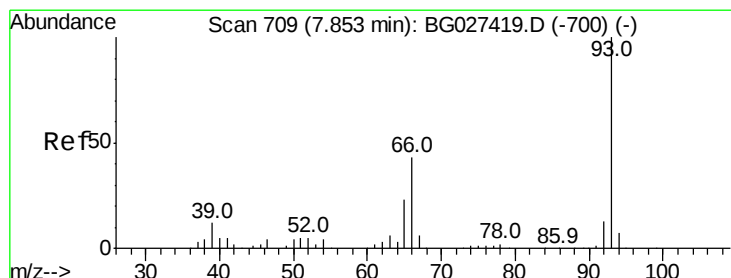
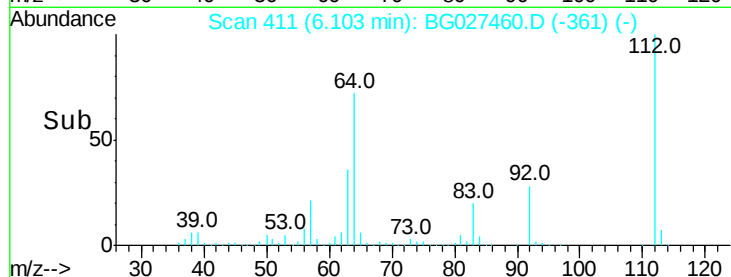
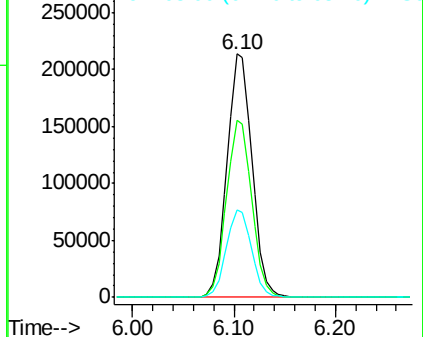
63 35.8 37.2 55.8#



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: 31.98 ng

RT: 7.85 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

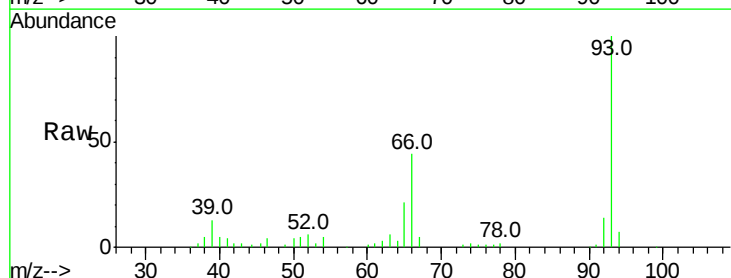
Tgt Ion: 93 Resp: 144825

Ion Ratio Lower Upper

93 100

66 43.9 35.4 53.2

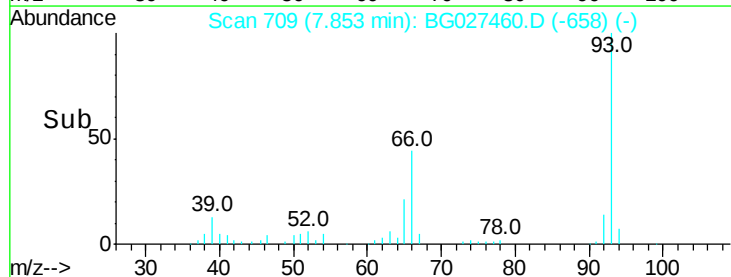
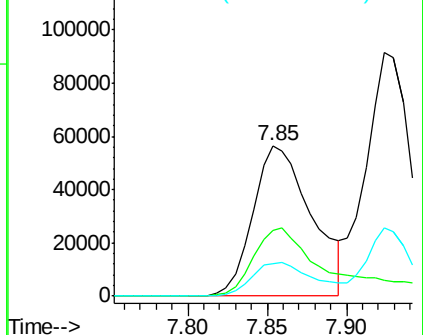
65 21.4 21.2 31.8

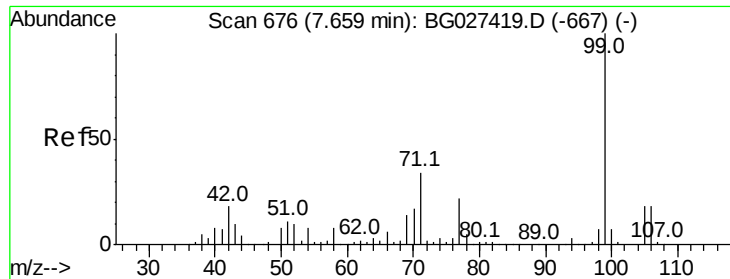


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.38 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

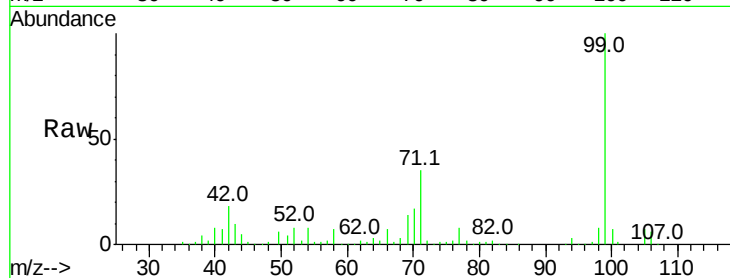
Tot Ion: 99 Resp: 492257

Ion Ratio Lower Upper

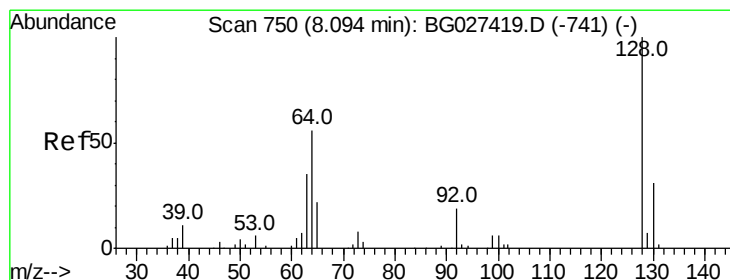
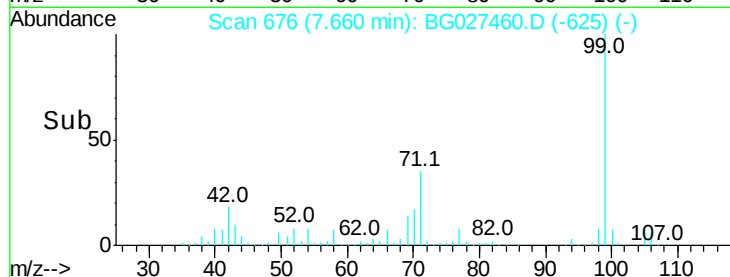
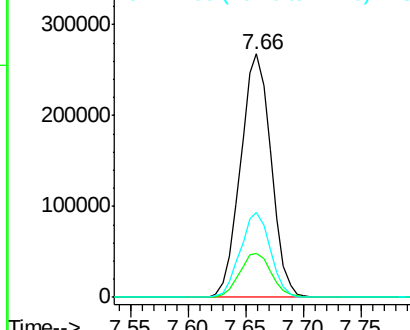
99 100

42 18.2 20.5 30.7#

71 35.1 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.69 ng

RT: 8.09 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

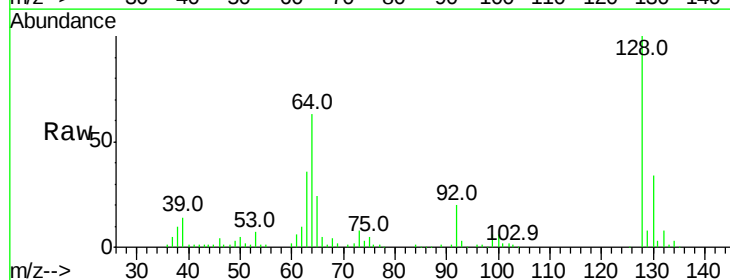
Tgt Ion: 128 Resp: 128372

Ion Ratio Lower Upper

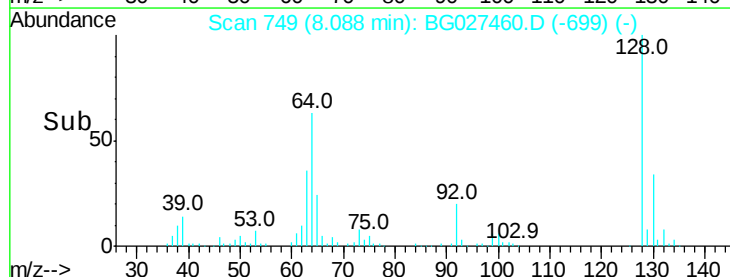
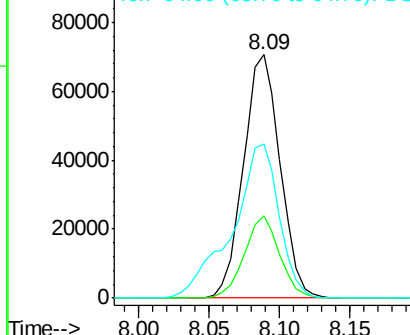
128 100

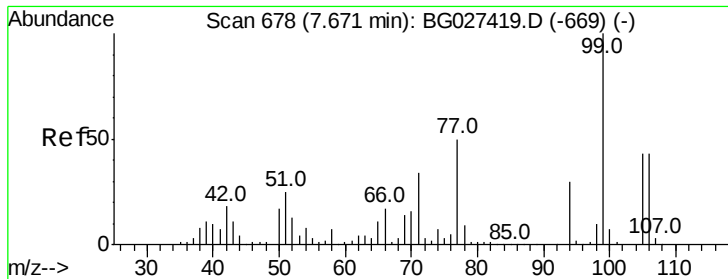
130 33.9 11.4 51.4

64 63.3 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: 16.56 ng

RT: 7.67 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

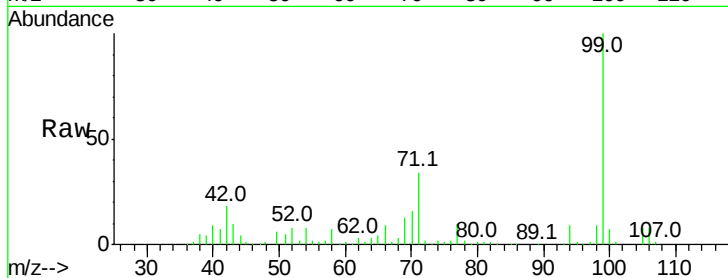
Tot Ion: 77 Resp: 42459

Ion Ratio Lower Upper

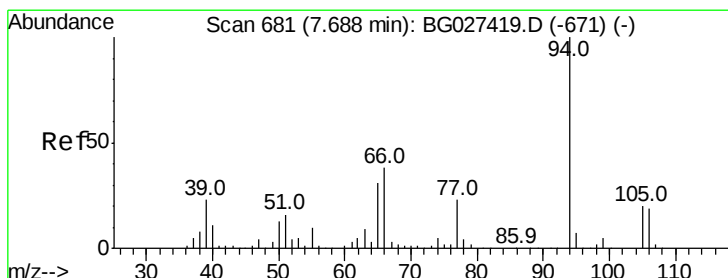
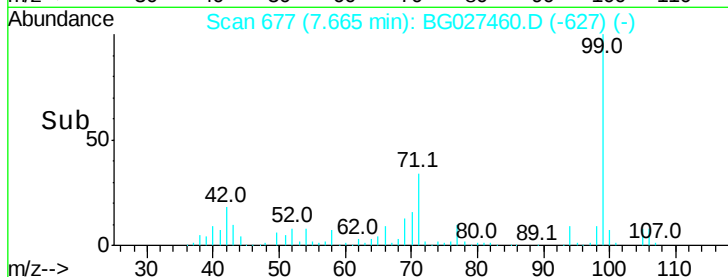
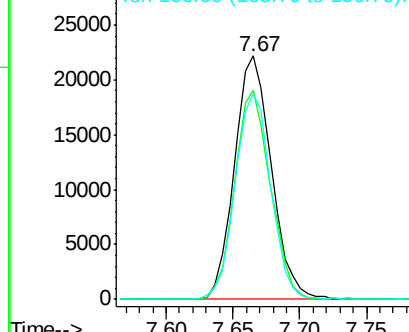
77 100

105 86.0 60.9 100.9

106 84.4 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: 43.70 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

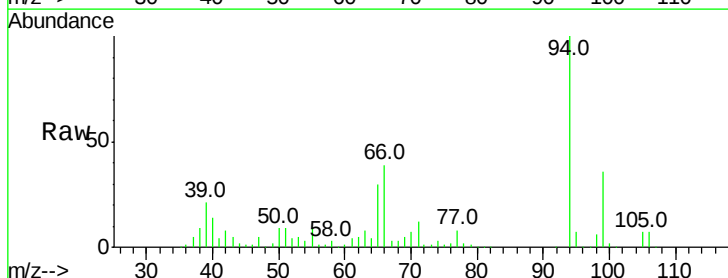
Tgt Ion: 94 Resp: 171402

Ion Ratio Lower Upper

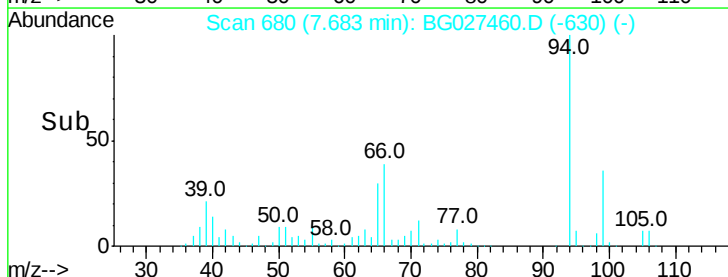
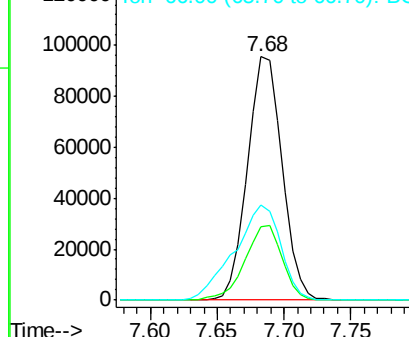
94 100

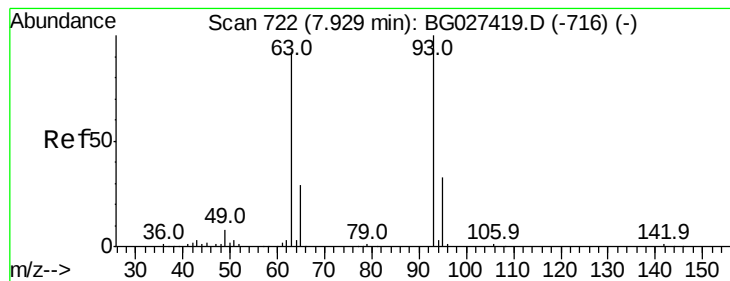
65 30.2 20.6 60.6

66 39.3 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: 60.70 ng

RT: 7.92 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

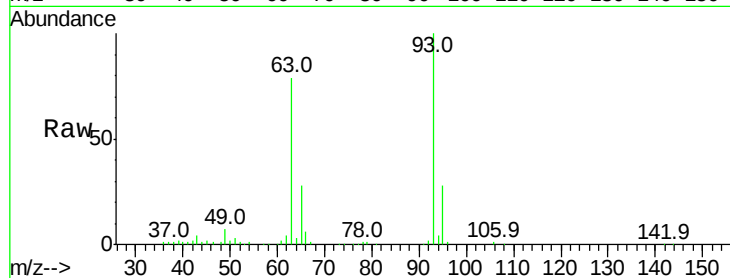
Tot Ion: 93 Resp: 188785

Ion Ratio Lower Upper

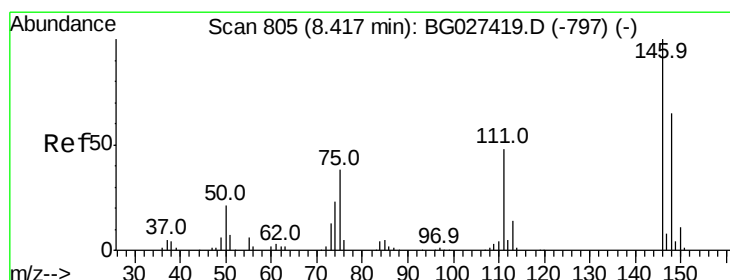
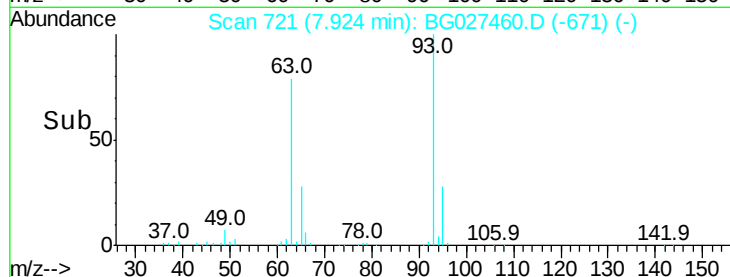
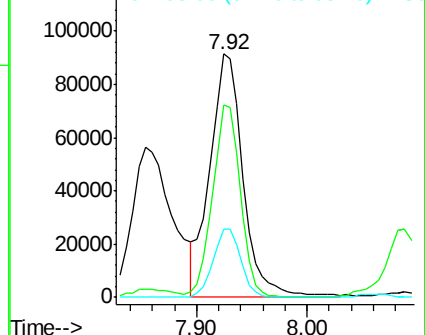
93 100

63 79.1 78.5 118.5

95 27.8 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 41.94 ng

RT: 8.41 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

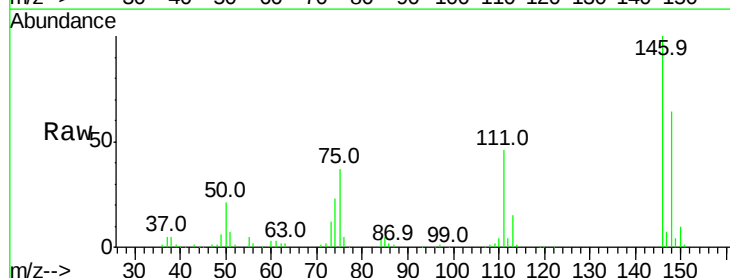
Tgt Ion: 146 Resp: 114003

Ion Ratio Lower Upper

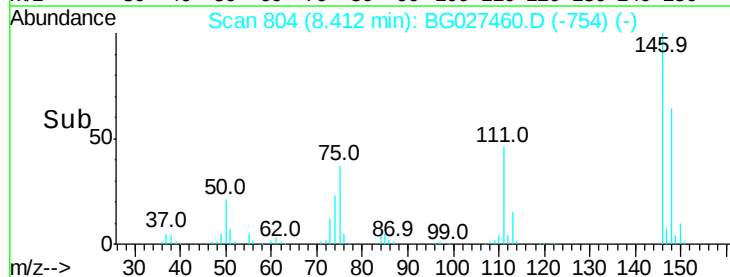
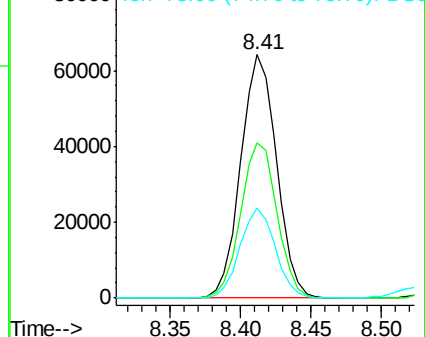
146 100

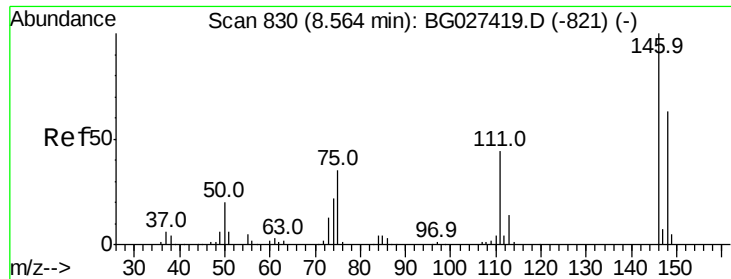
148 63.8 49.2 73.8

75 36.9 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

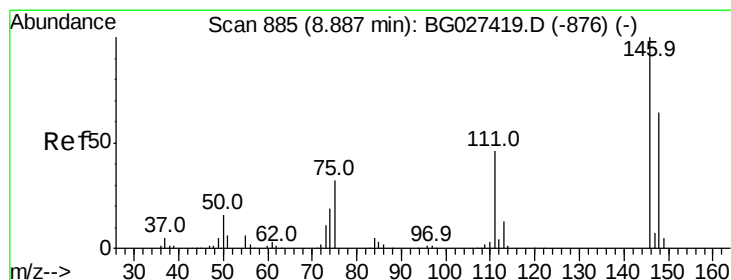
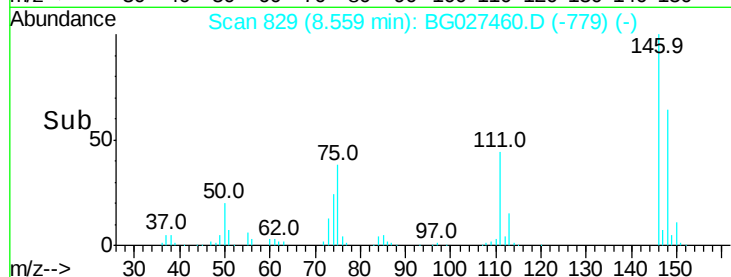
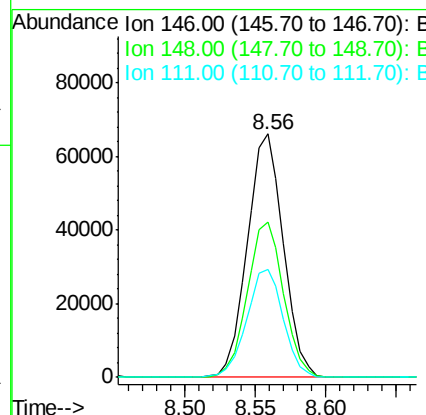
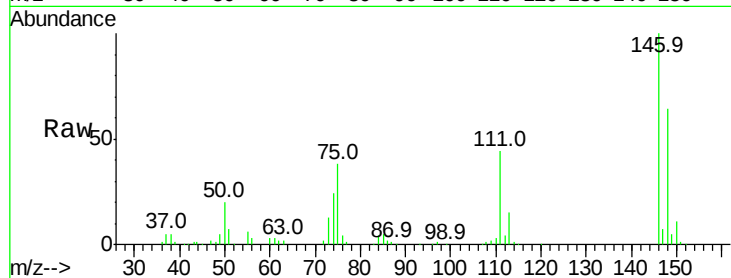




#13
 1,4-Dichlorobenzene
 Concen: 41.73 ng
 RT: 8.56 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

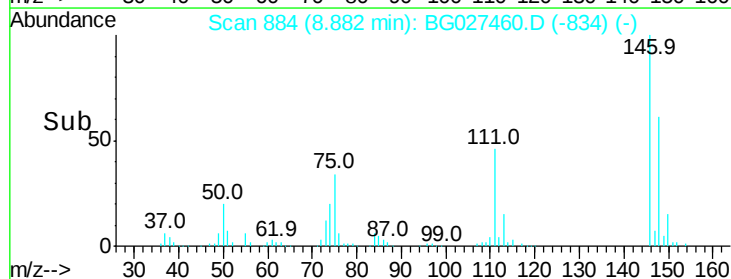
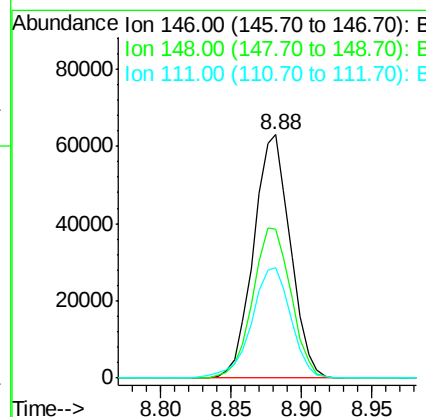
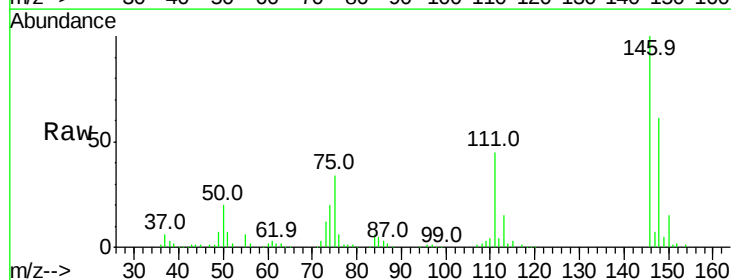
Instrument :
 BNA_G
 ClientSampleId :

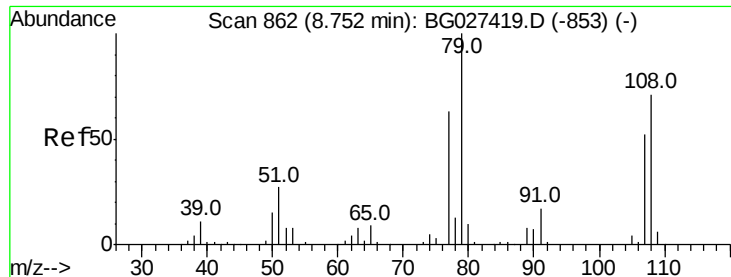
Tot Ion:146 Resp: 117912
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 44.2 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 41.42 ng
 RT: 8.88 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion:146 Resp: 114909
 Ion Ratio Lower Upper
 146 100
 148 61.0 54.6 81.8
 111 45.3 39.7 59.5

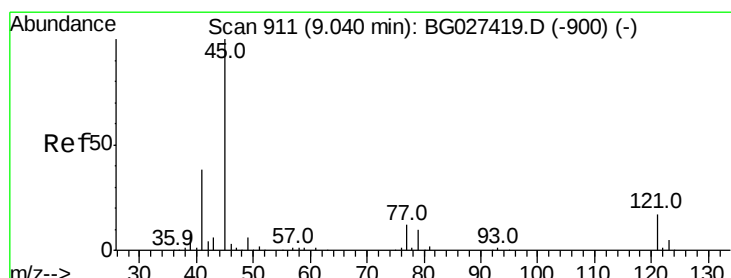
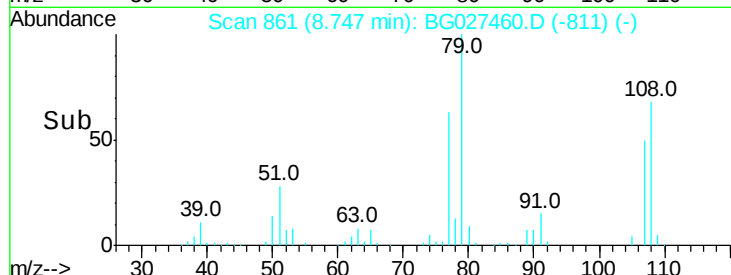
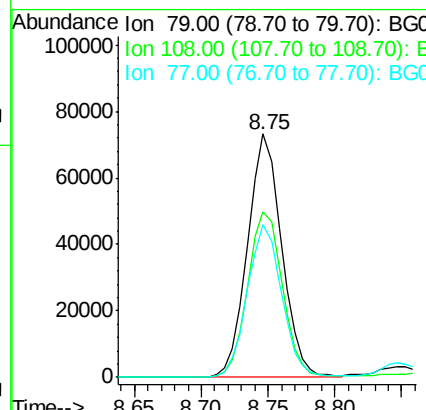
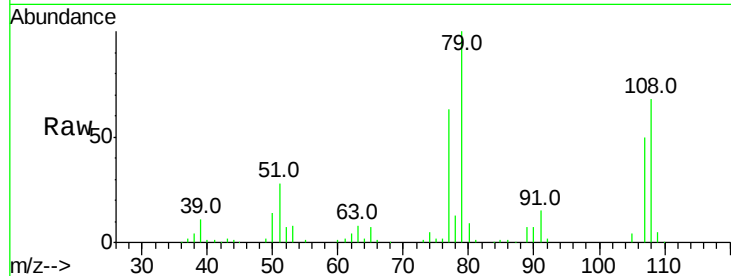




#15
Benzyl Alcohol
Concen: 46.89 ng
RT: 8.75 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

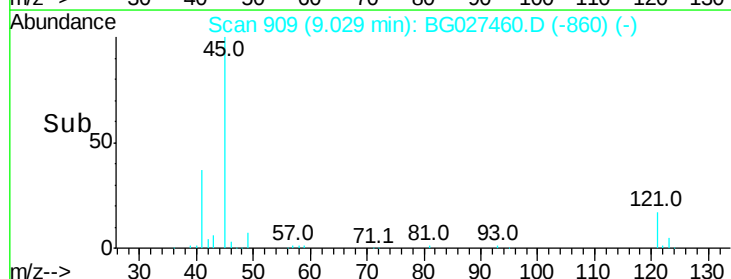
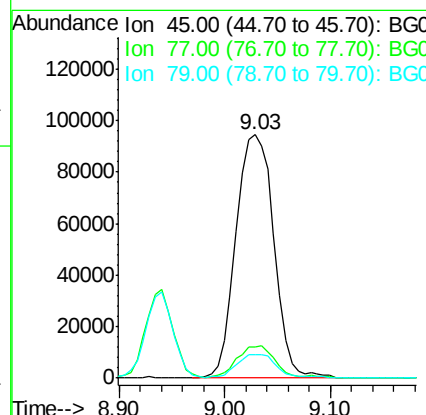
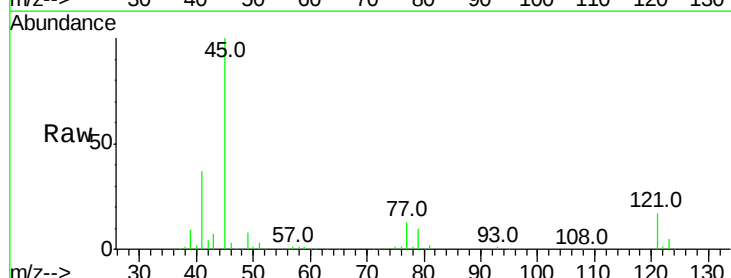
Instrument :
BNA_G
ClientSampled :

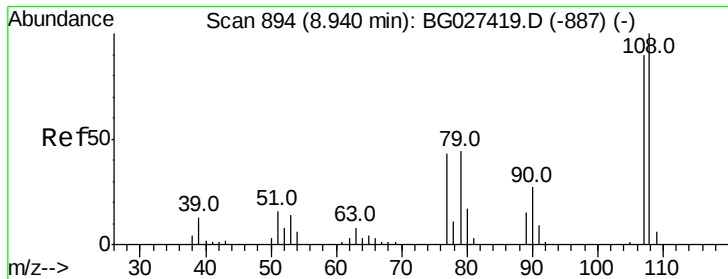
Tot Ion: 79 Resp: 129194
Ion Ratio Lower Upper
79 100
108 68.1 45.5 68.3
77 63.0 54.3 81.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.49 ng
RT: 9.03 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion: 45 Resp: 233383
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.6
79 9.6 0.0 28.5





#17

2-Methylphenol

Concen: 47.27 ng

RT: 8.94 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 125255

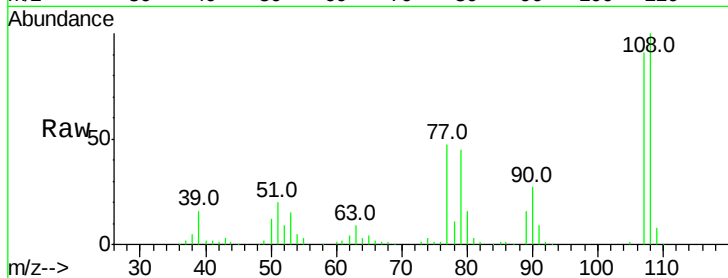
Ion Ratio Lower Upper

107 100

108 109.9 85.6 128.4

77 52.1 51.4 77.2

79 49.9 49.2 73.8

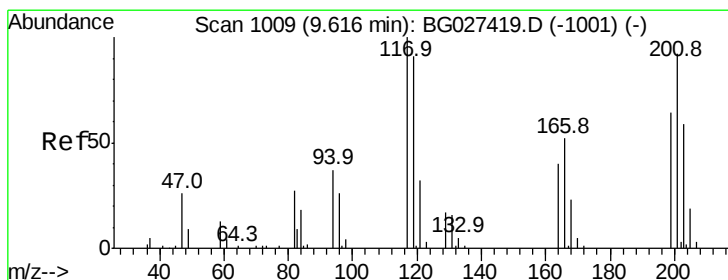
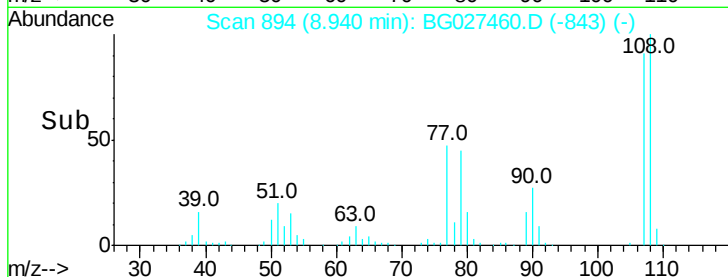
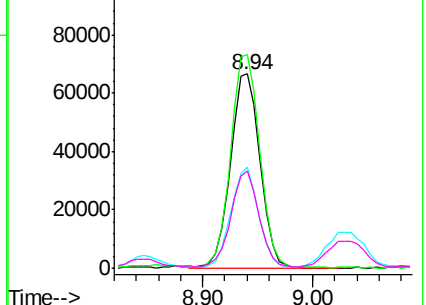


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.63 ng

RT: 9.61 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

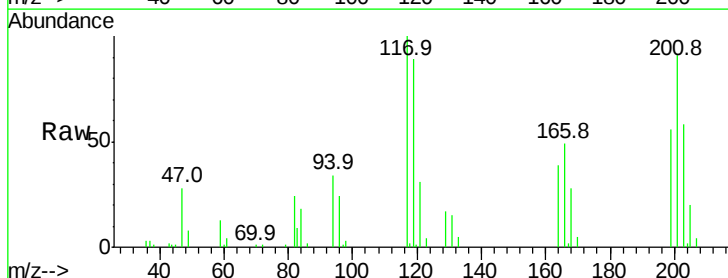
Tgt Ion:117 Resp: 43235

Ion Ratio Lower Upper

117 100

119 89.3 69.8 104.6

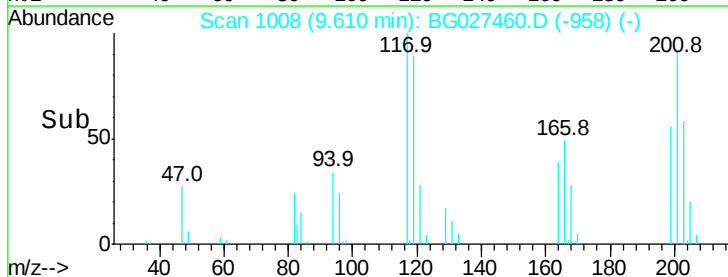
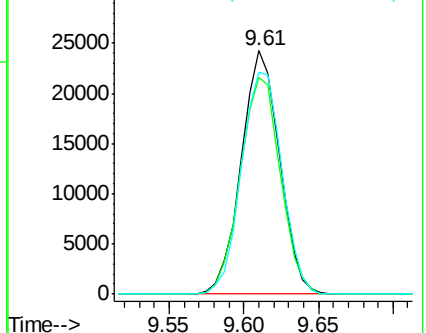
201 91.1 95.4 143.0#

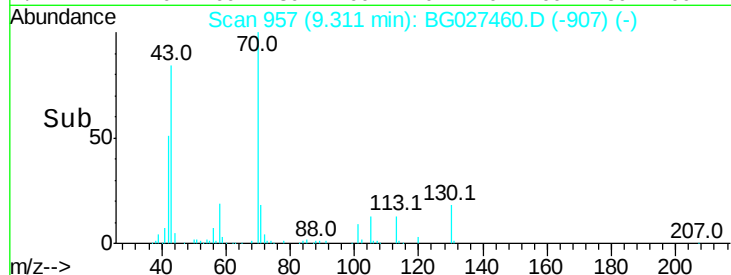
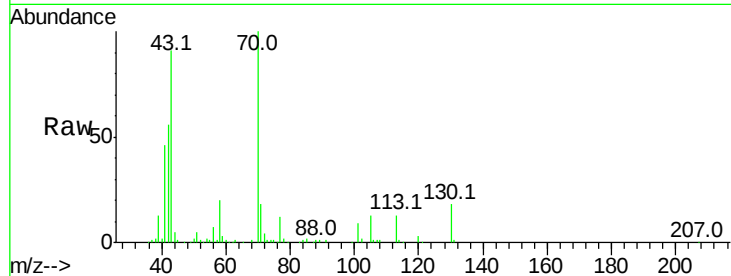
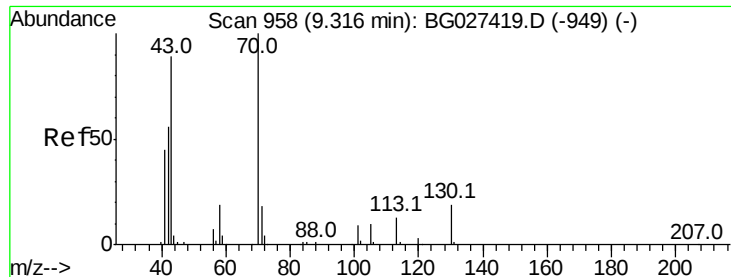


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

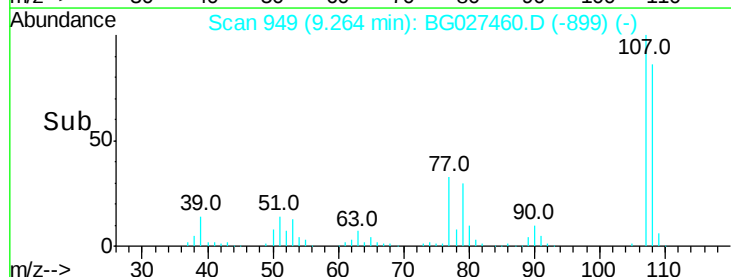
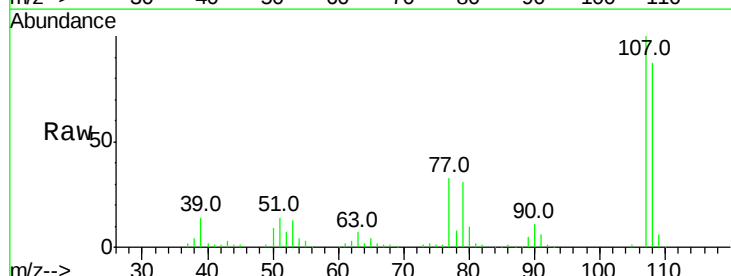
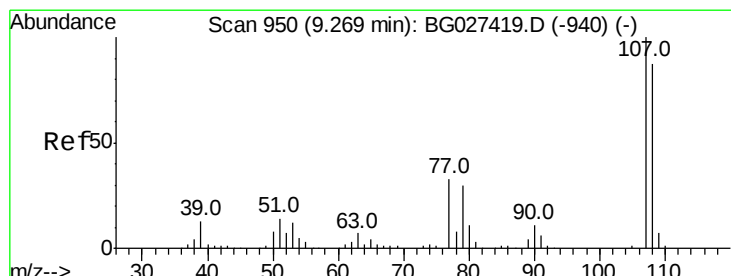
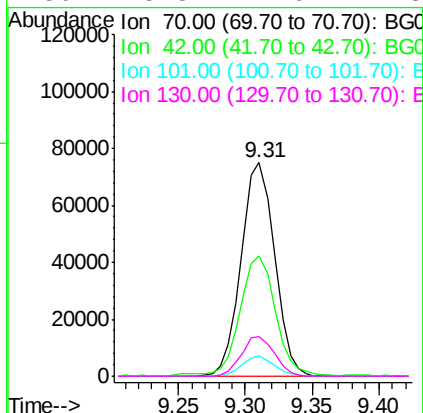




#19
n-Nitroso-di-n-propylamine
Concen: 45.36 ng
RT: 9.31 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

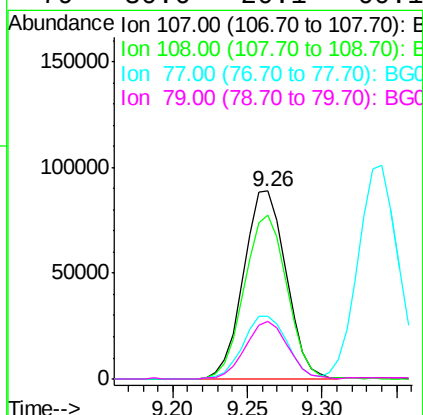
Instrument :
BNA_G
ClientSampleId :

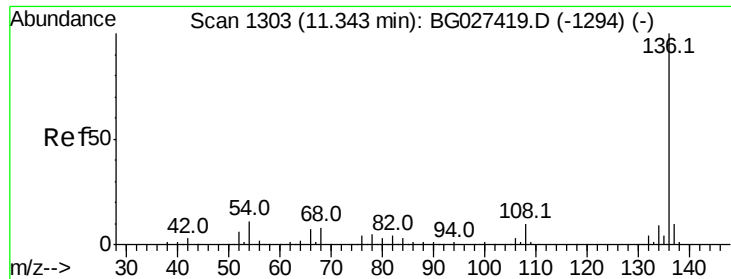
Tot Ion:	70	Resp:	130522
Ion	Ratio	Lower	Upper
70	100		
42	56.1	56.1	84.1
101	9.3	7.5	11.3
130	18.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 46.14 ng
RT: 9.26 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:	107	Resp:	175924
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.8	110.8
77	33.5	25.8	65.8
79	30.6	20.1	60.1

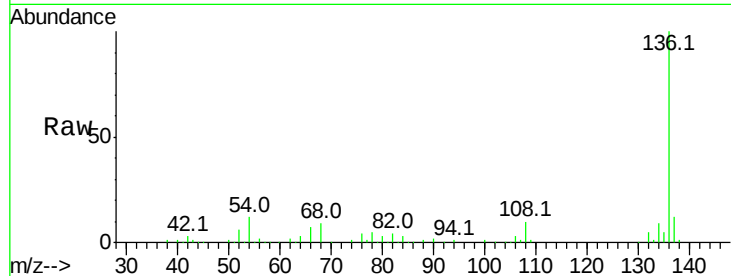




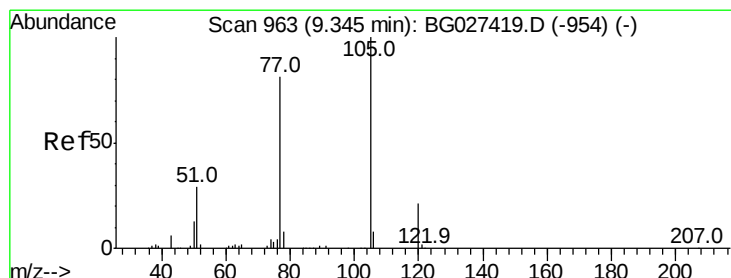
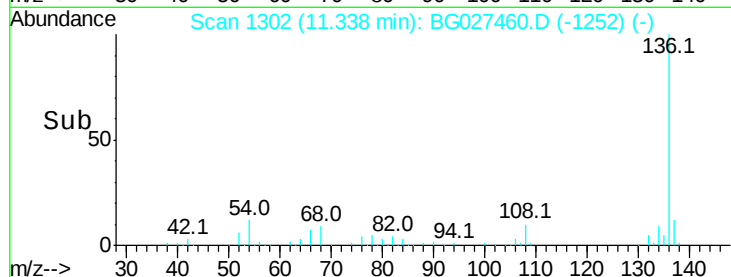
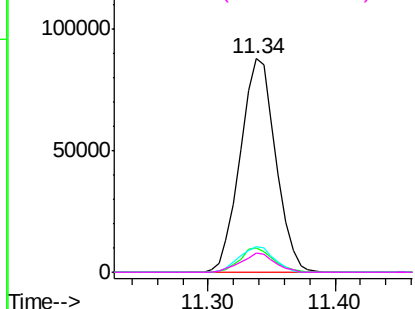
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	170263
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.9 13.3
54	12.1	9.3 13.9
68	9.2	5.1 7.7#

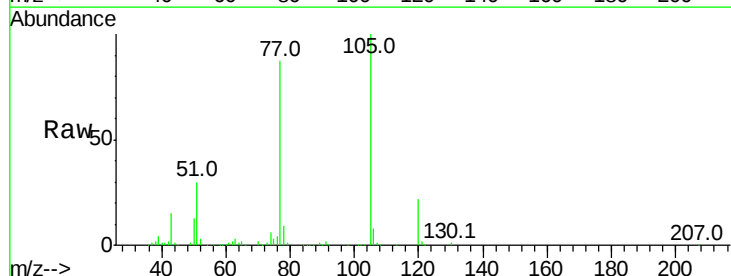


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

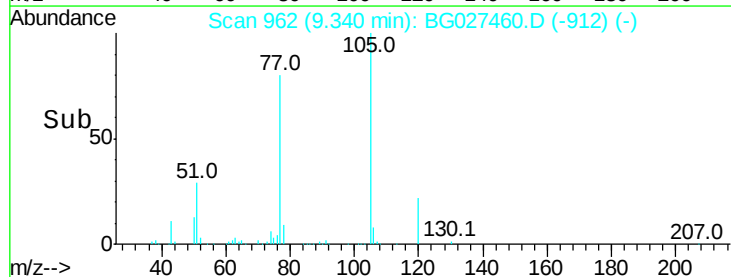
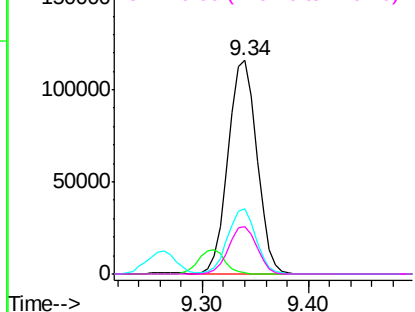


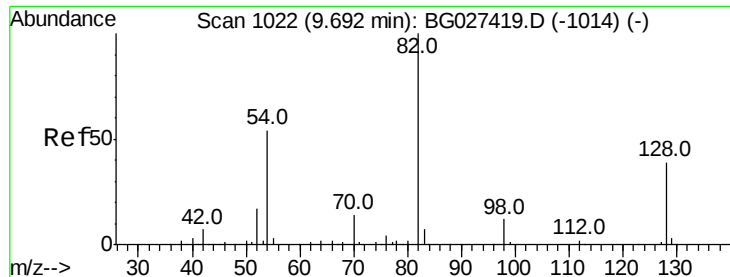
#22
Acetophenone
Concen: 47.78 ng
RT: 9.34 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:105	Resp:	218285
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.9 1.3#
51	30.3	34.0 51.0#
120	22.2	17.3 25.9



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

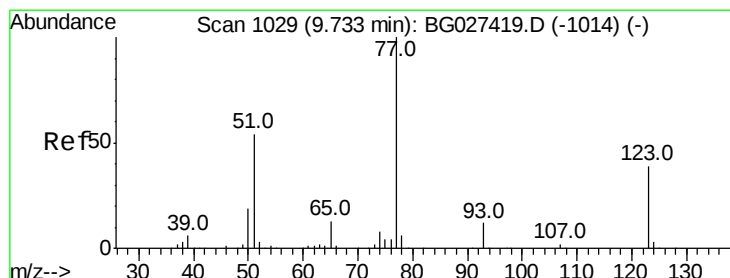
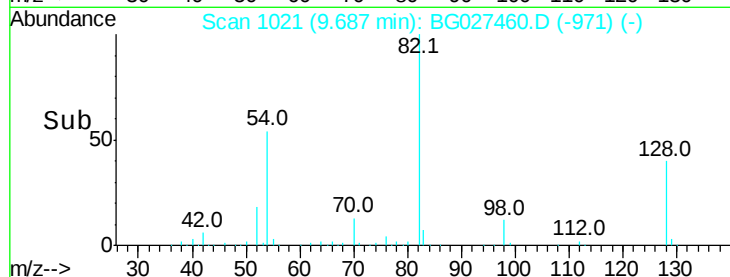
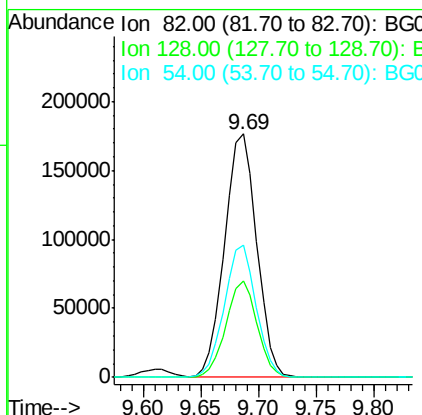
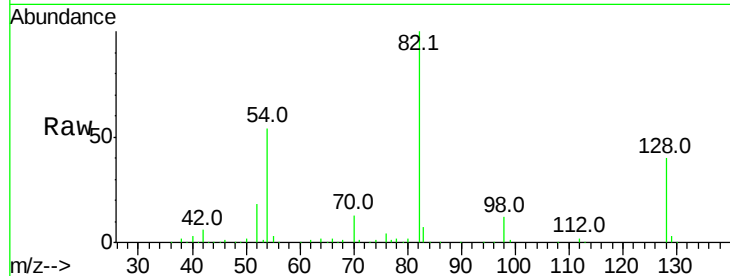




#23
Nitrobenzene-d5
Concen: 102.22 ng
RT: 9.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

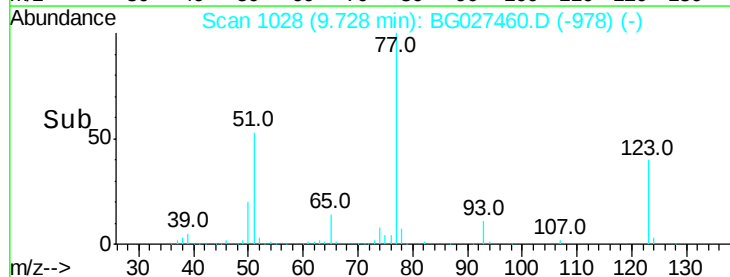
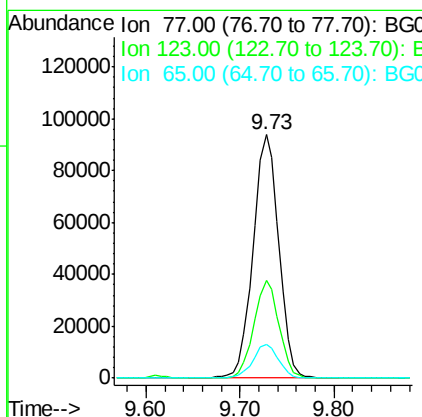
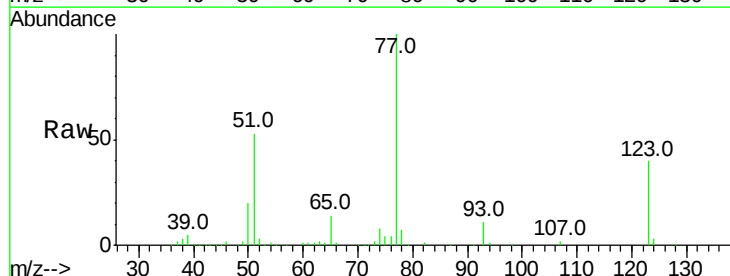
Instrument :
BNA_G
ClientSampled :

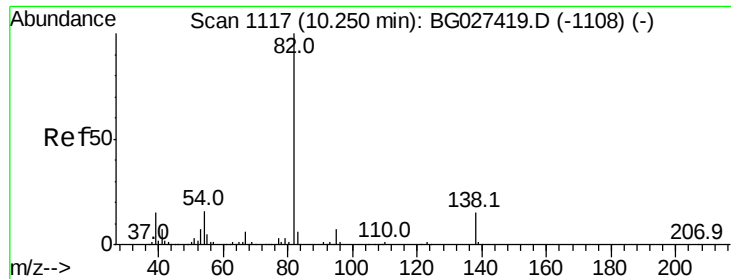
Tot Ion	82	Resp	341380
Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.4	39.6#
54	54.2	49.4	74.2



#24
Nitrobenzene
Concen: 47.90 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion	77	Resp	176913
Ion	Ratio	Lower	Upper
77	100		
123	40.0	26.1	39.1#
65	14.0	12.4	18.6





#25

Isophorone

Concen: 51.00 ng

RT: 10.24 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

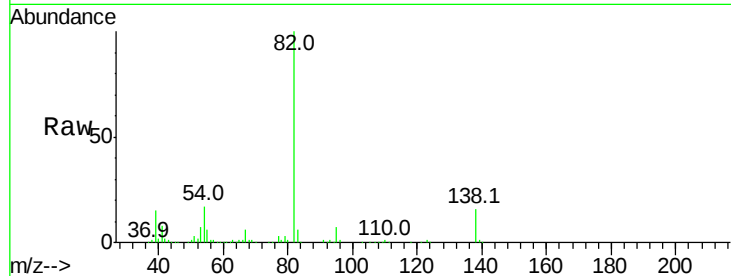
Tot Ion: 82 Resp: 372714

Ion Ratio Lower Upper

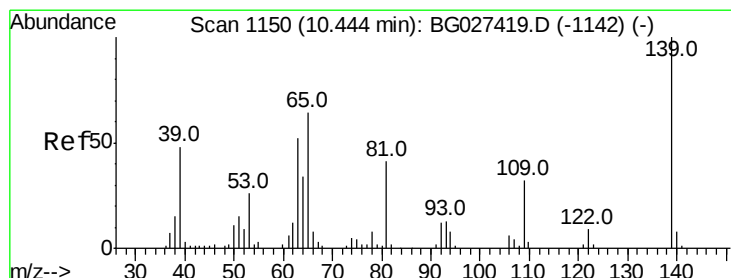
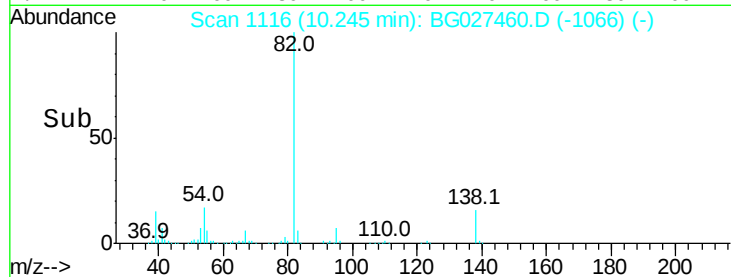
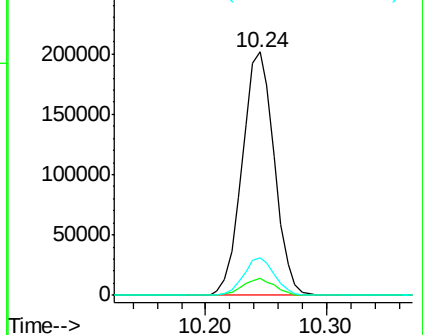
82 100

95 7.1 7.5 11.3#

138 15.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.15 ng

RT: 10.44 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

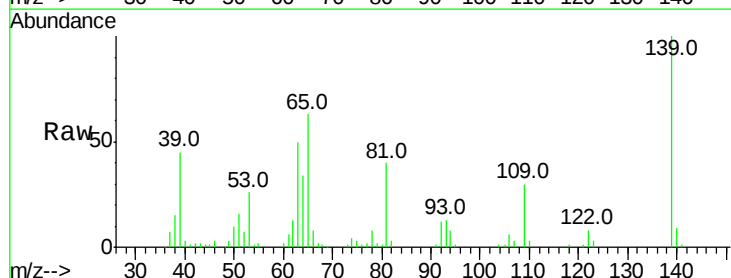
Tgt Ion: 139 Resp: 72296

Ion Ratio Lower Upper

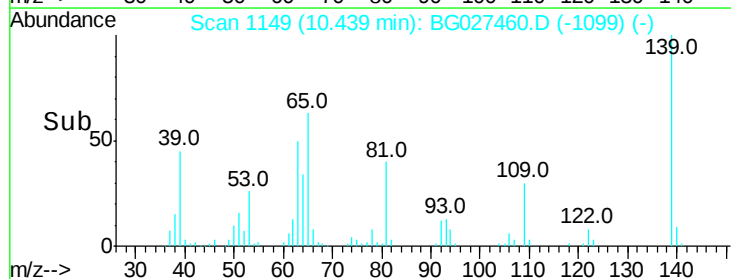
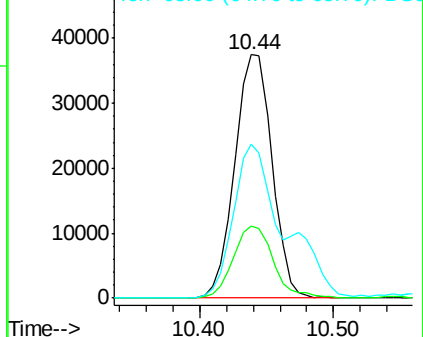
139 100

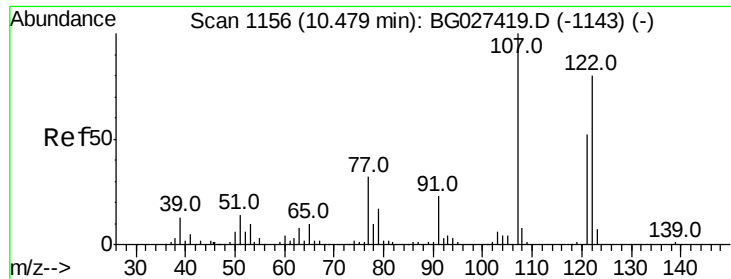
109 29.9 38.6 58.0#

65 63.5 57.1 85.7



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

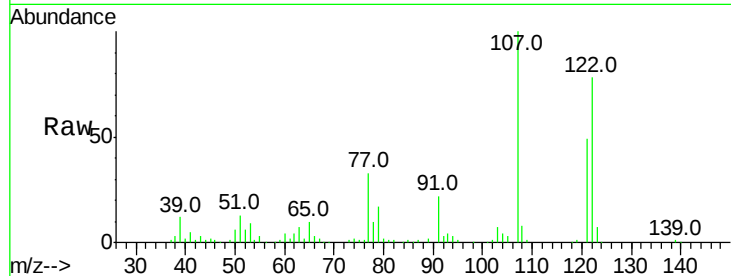




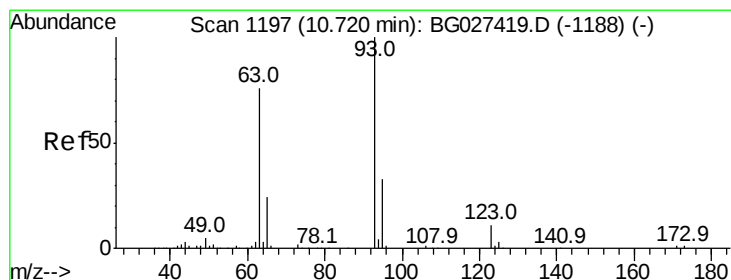
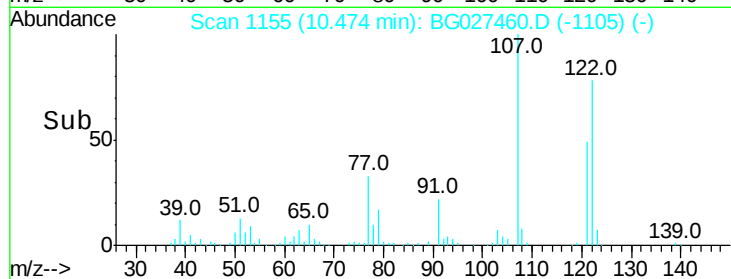
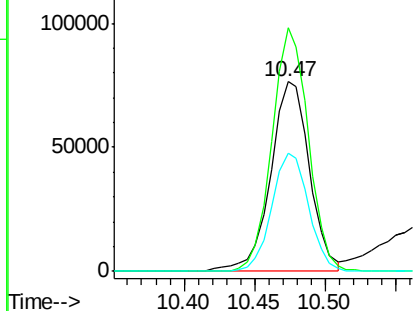
#27
 2,4-Dimethylphenol
 Concen: 49.63 ng
 RT: 10.47 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 146714
 Ion Ratio Lower Upper
 122 100
 107 128.3 104.2 156.4
 121 62.4 46.0 69.0

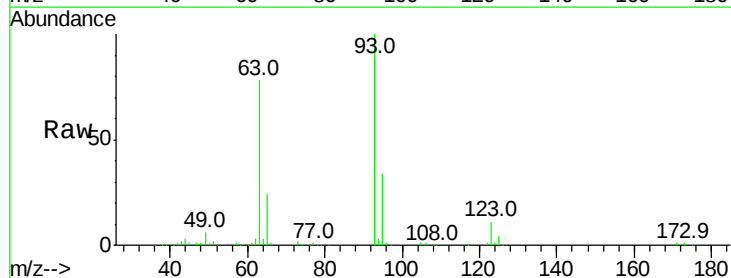


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

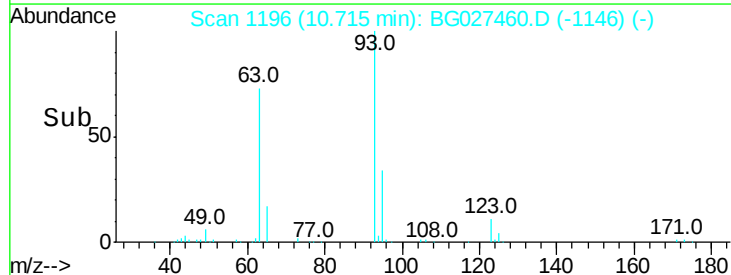
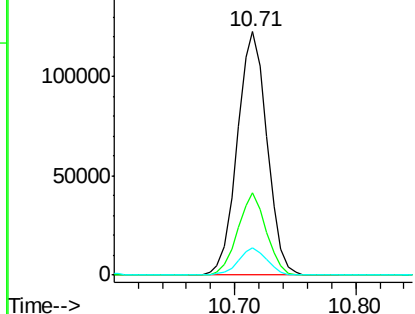


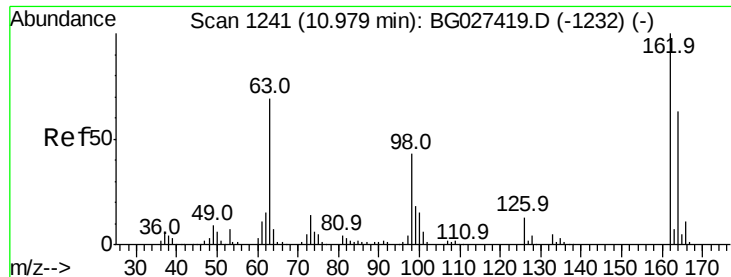
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.18 ng
 RT: 10.71 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion: 93 Resp: 210185
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.7 38.5
 123 11.4 8.3 12.5



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

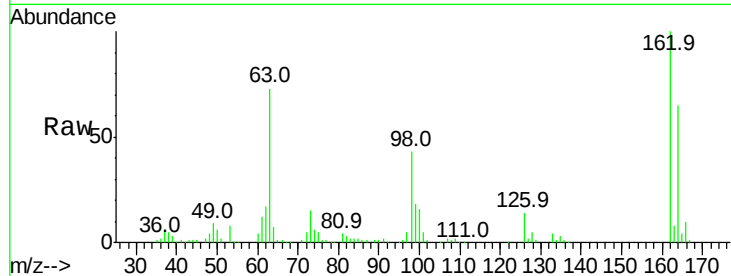




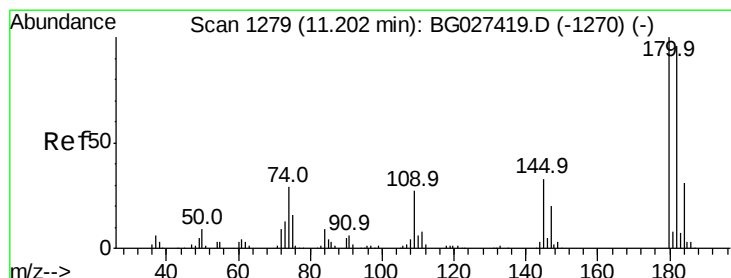
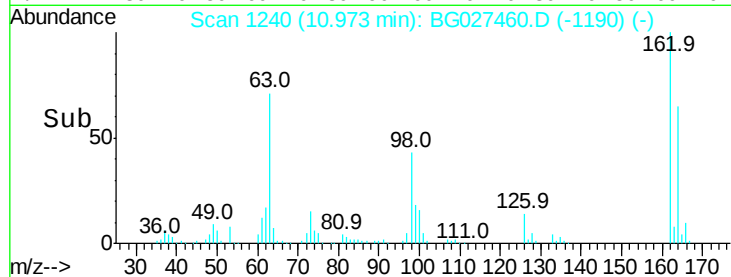
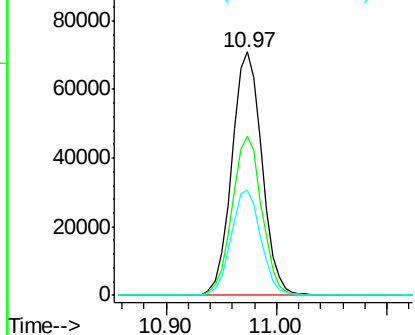
#29
 2,4-Dichlorophenol
 Concen: 53.04 ng
 RT: 10.97 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.4	82.4
98	43.2	20.3	60.3

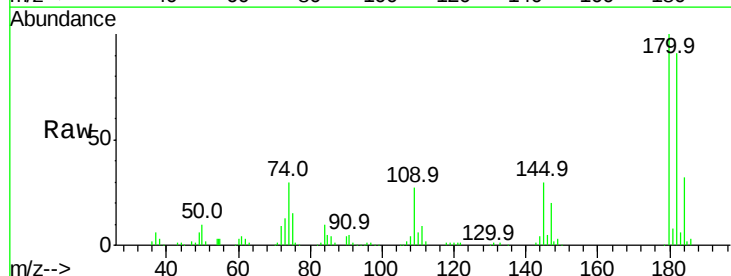


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

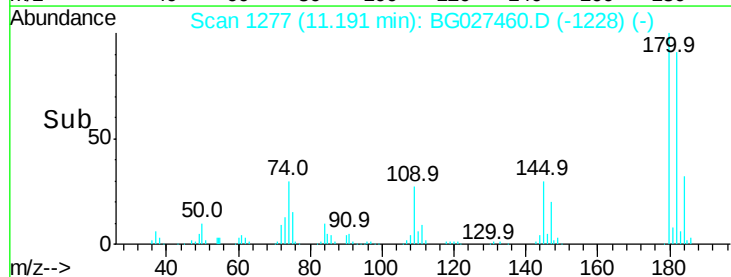
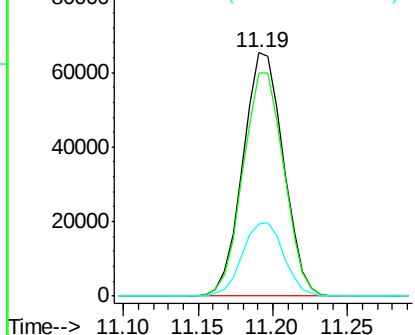


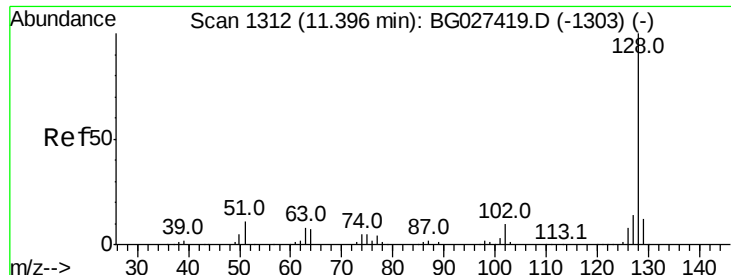
#30
 1,2,4-Trichlorobenzene
 Concen: 46.26 ng
 RT: 11.19 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	77.0	115.4
145	29.6	23.4	35.0



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

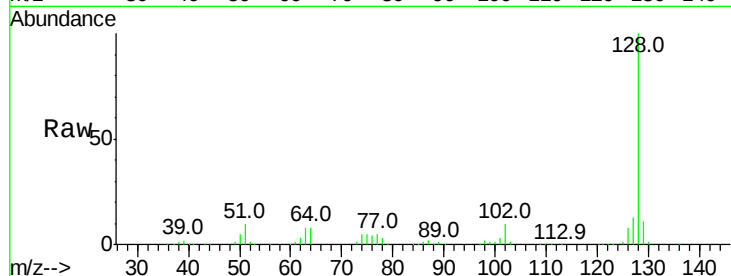




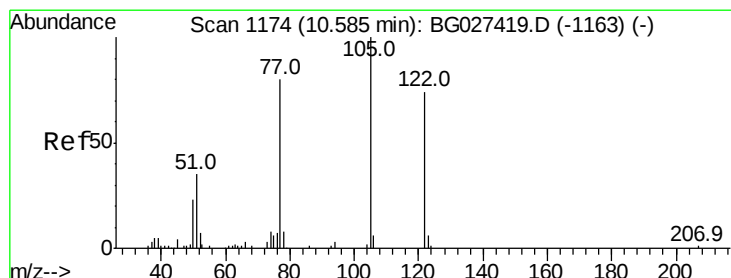
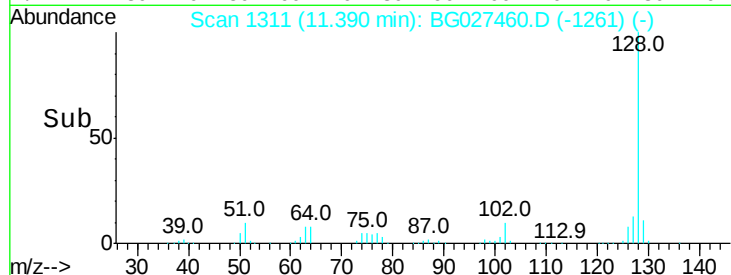
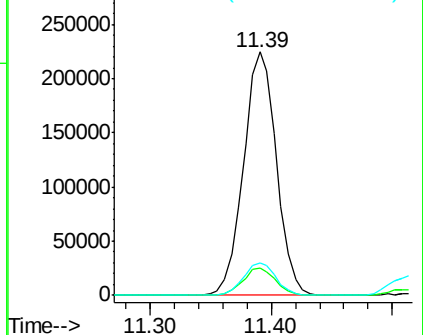
#31
Naphthalene
Concen: 45.70 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 424931
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.3 11.4 17.0

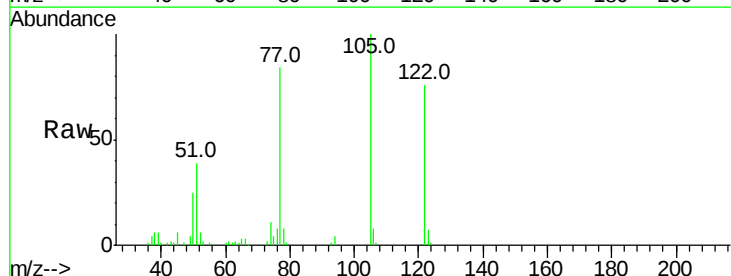


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

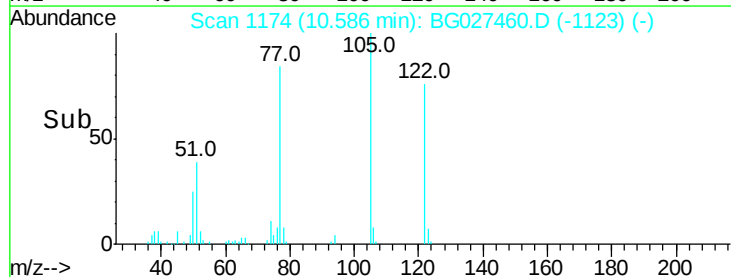
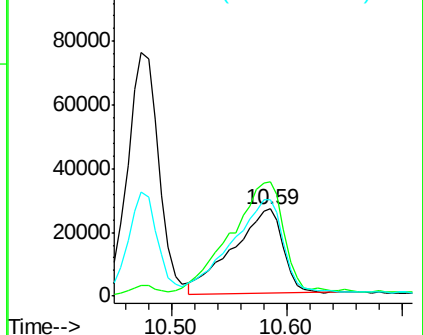


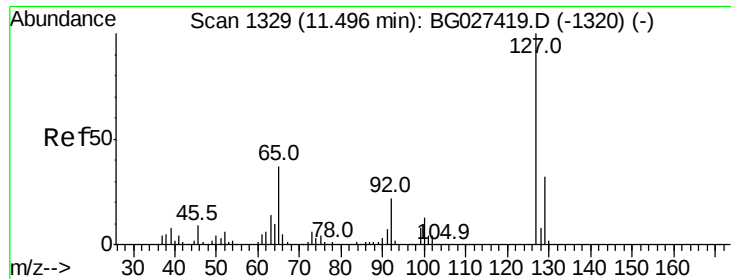
#32
Benzoic acid
Concen: 42.72 ng
RT: 10.59 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:122 Resp: 80382
Ion Ratio Lower Upper
122 100
105 132.3 120.1 160.1
77 111.6 104.6 144.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

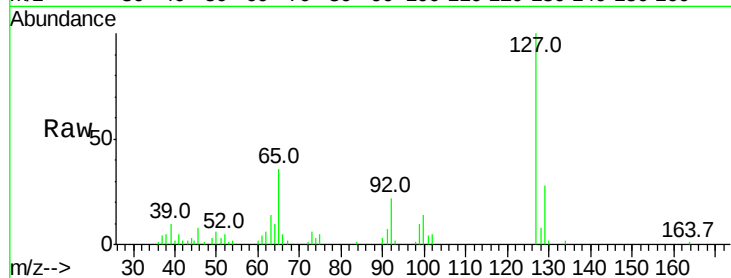




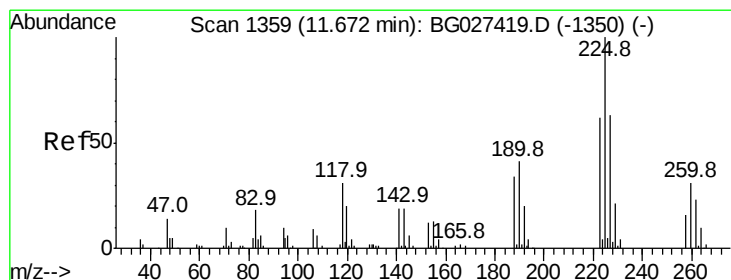
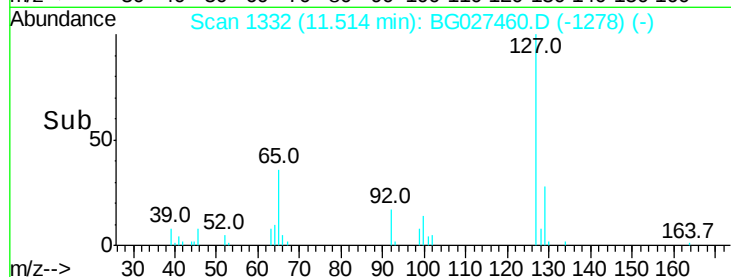
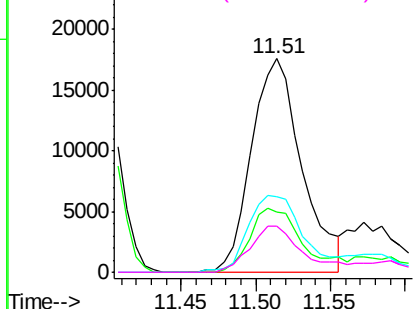
#33
4-Chloroaniline
Concen: 10.50 ng
RT: 11.51 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 41136
Ion Ratio Lower Upper
127 100
129 28.0 23.6 35.4
65 35.5 37.7 56.5#
92 21.7 17.6 26.4

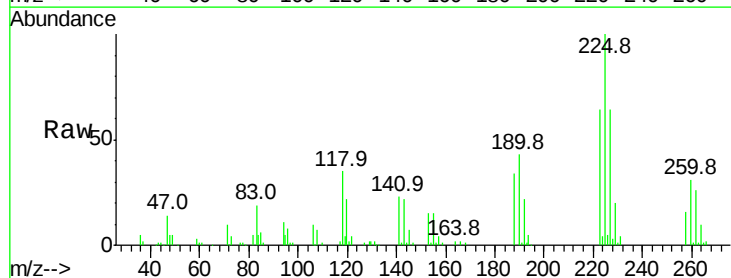


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

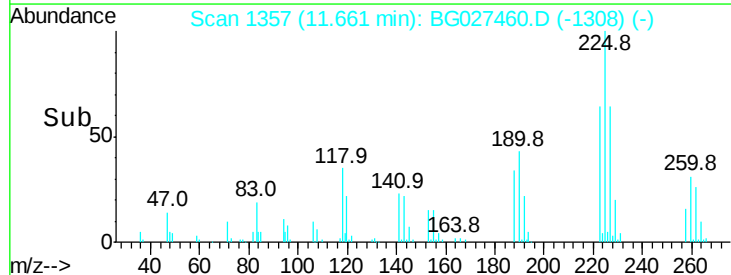
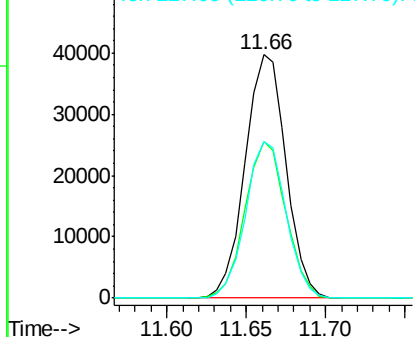


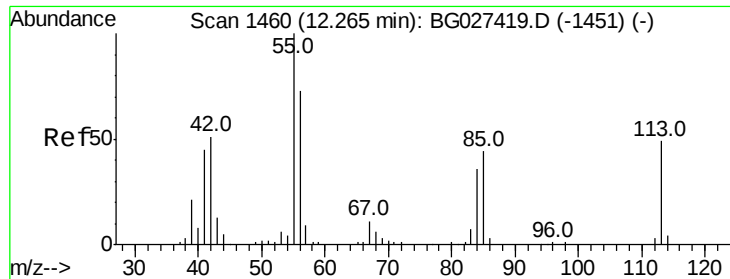
#34
Hexachlorobutadiene
Concen: 43.71 ng
RT: 11.66 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:225 Resp: 71120
Ion Ratio Lower Upper
225 100
223 64.2 50.7 76.1
227 64.4 49.0 73.6



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

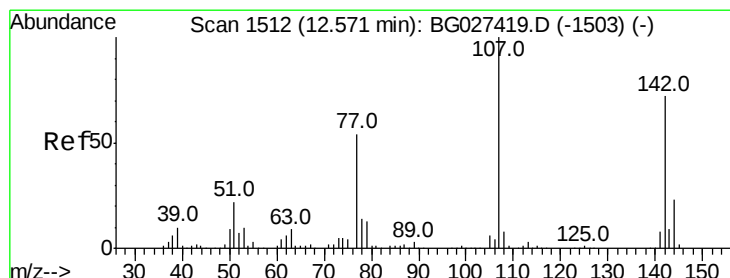
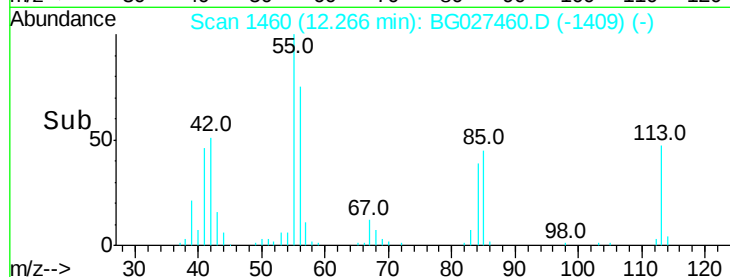
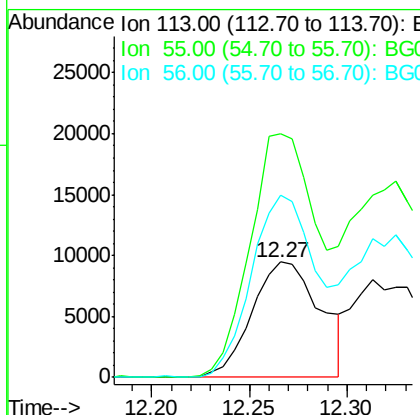
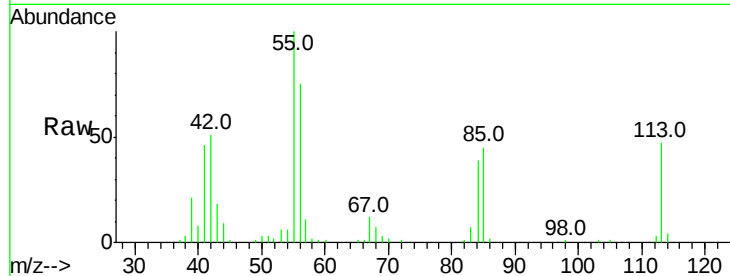




#35
 Caprolactam
 Concen: 20.46 ng
 RT: 12.27 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

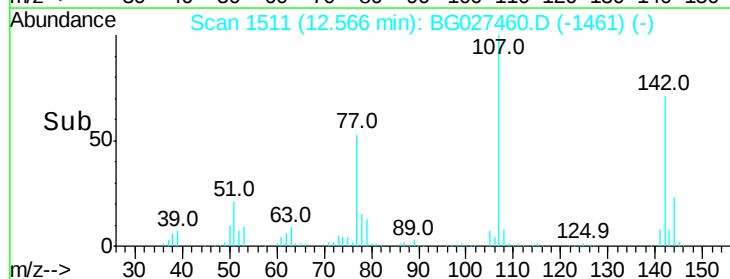
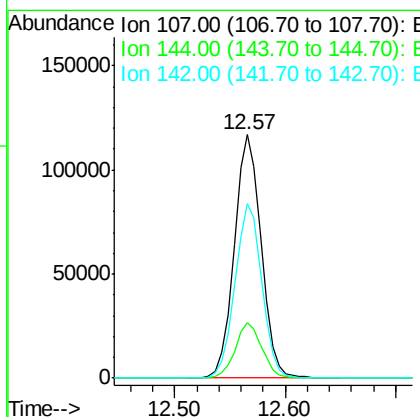
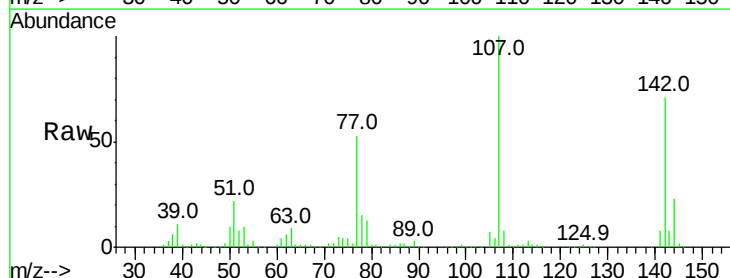
Instrument :
 BNA_G
 ClientSampleId :

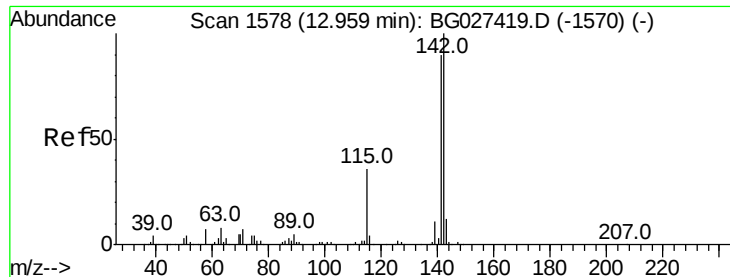
Tot Ion:113 Resp: 23119
 Ion Ratio Lower Upper
 113 100
 55 211.7 198.6 238.6
 56 158.1 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 54.75 ng
 RT: 12.57 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion:107 Resp: 199749
 Ion Ratio Lower Upper
 107 100
 144 22.9 17.4 26.0
 142 71.4 54.1 81.1





#37

2-Methylnaphthalene

Concen: 48.61 ng

RT: 12.95 min Scan# 1577

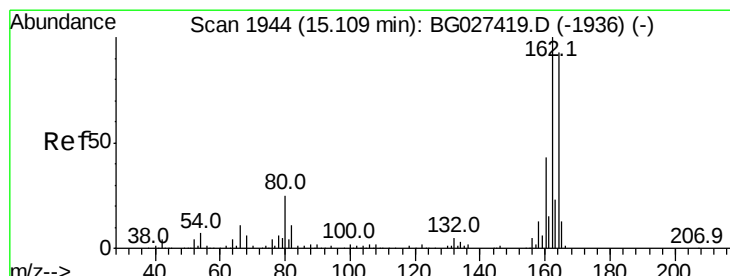
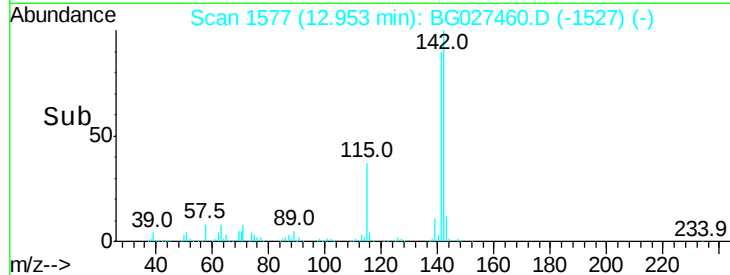
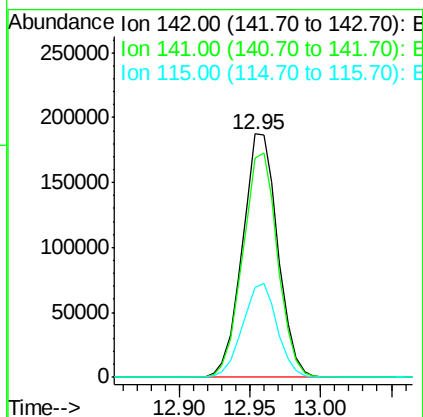
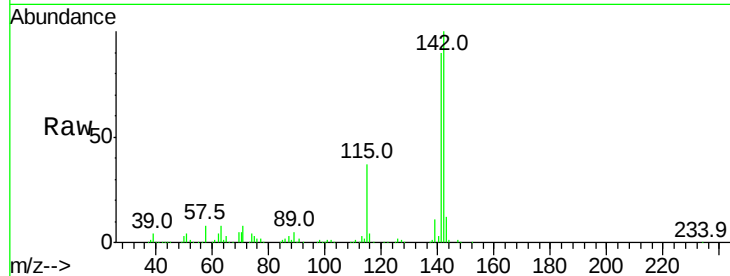
Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	37.2	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

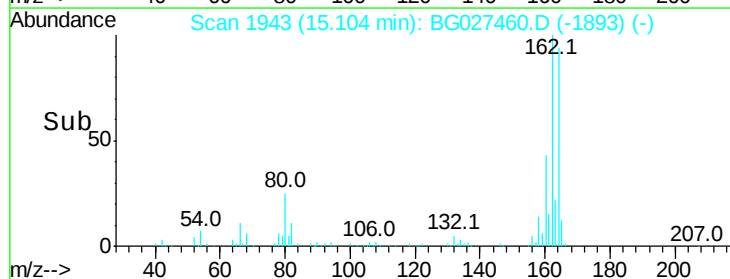
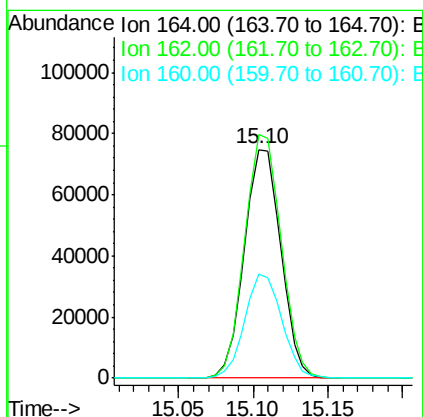
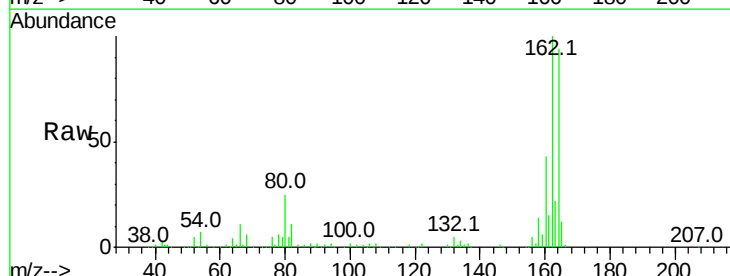
RT: 15.10 min Scan# 1943

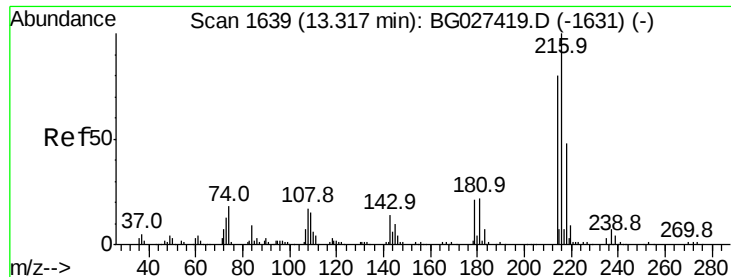
Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	45.3	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.71 ng

RT: 13.31 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 159303

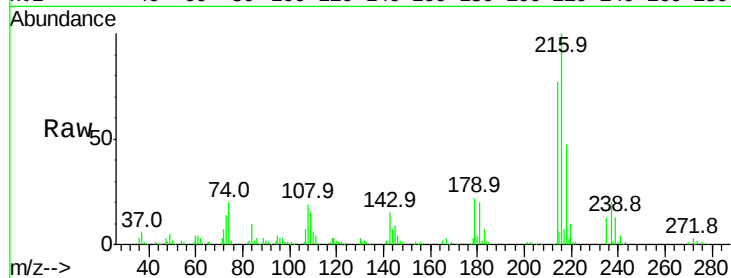
Ion Ratio Lower Upper

216 100

214 78.1 64.4 96.6

179 22.0 17.4 26.0

108 22.2 15.6 23.4

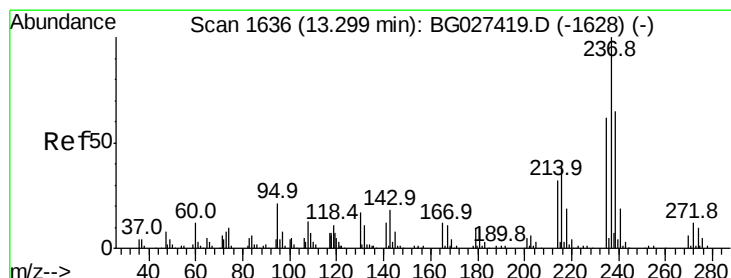
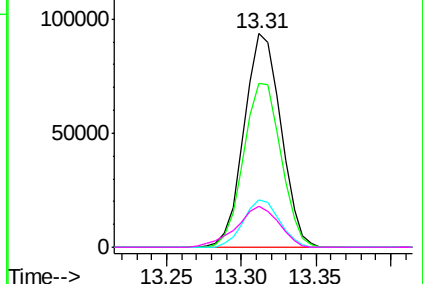
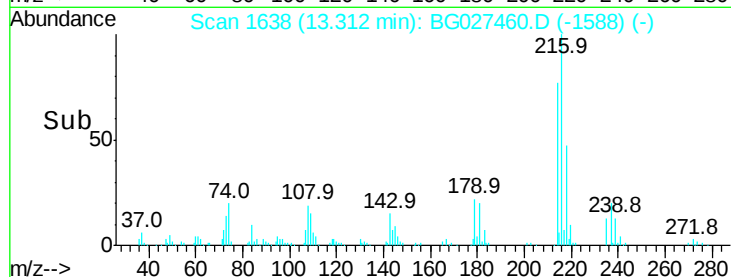


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.10 ng

RT: 13.29 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

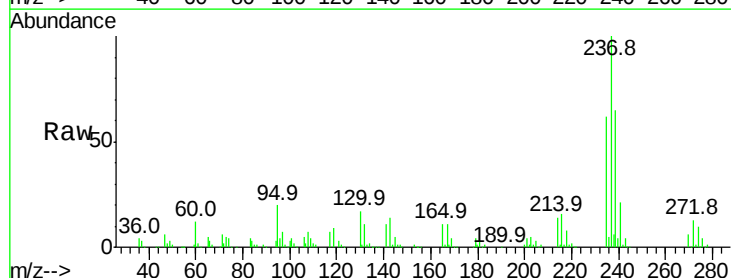
Tgt Ion:237 Resp: 178840

Ion Ratio Lower Upper

237 100

235 62.0 39.4 79.4

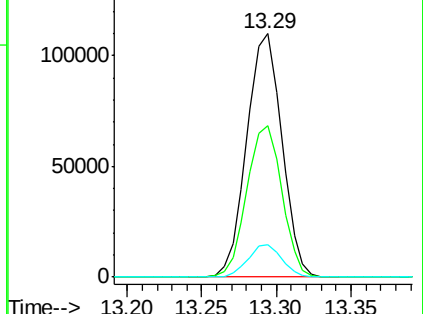
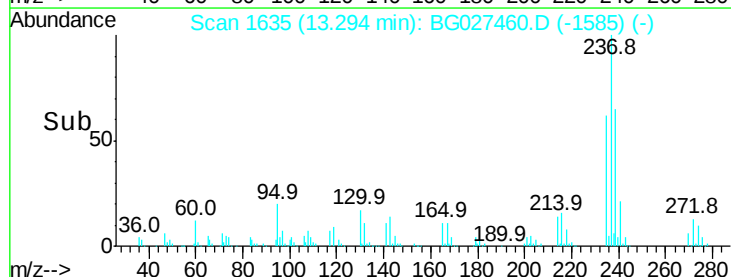
272 13.5 0.0 32.0

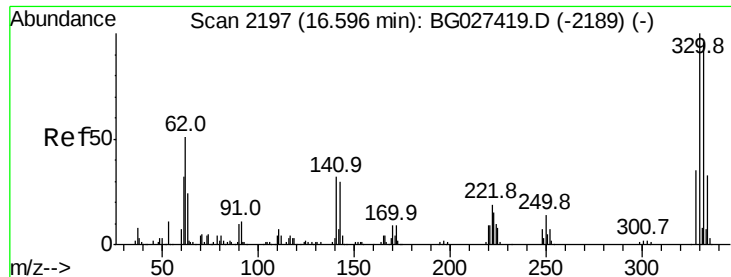


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

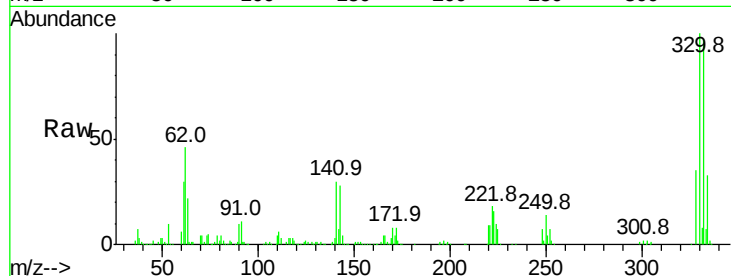




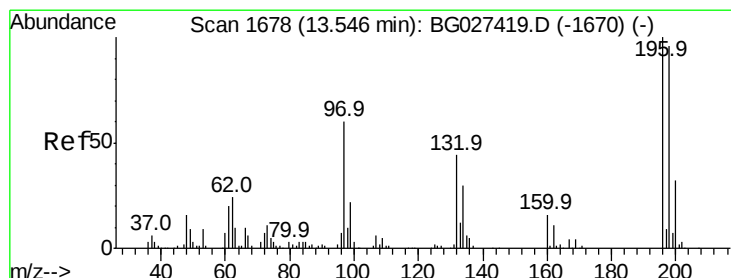
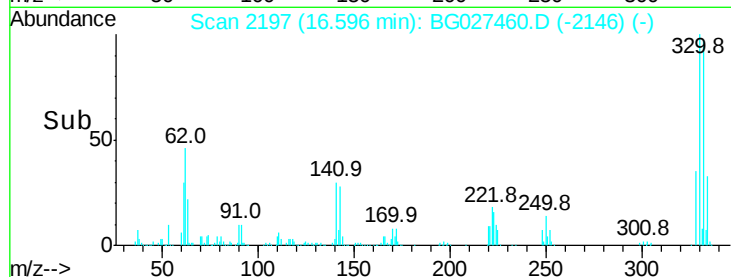
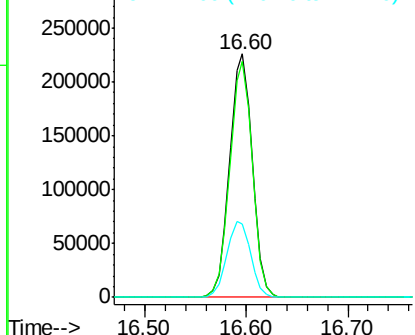
#41
 2,4,6-Tribromophenol
 Concen: 184.21 ng
 RT: 16.60 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	32.6	32.1	48.1

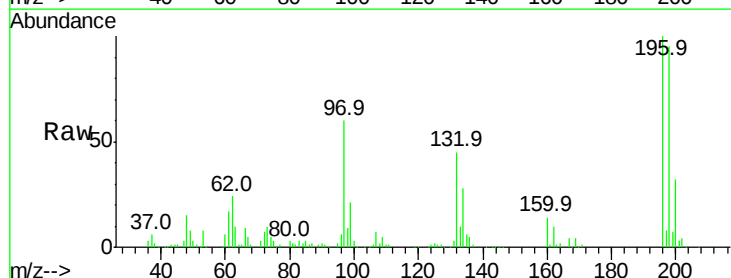


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

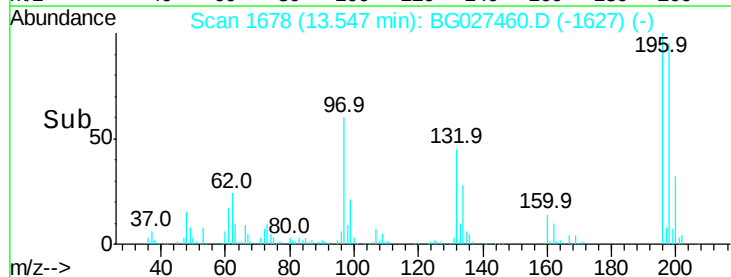
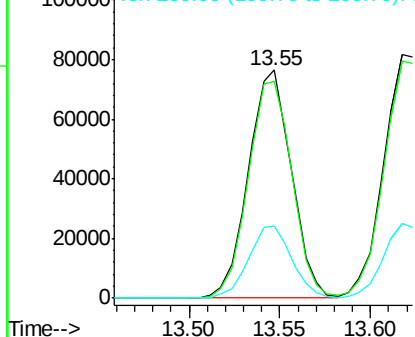


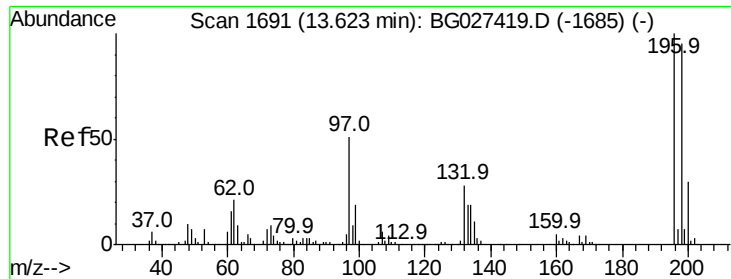
#42
 2,4,6-Trichlorophenol
 Concen: 49.51 ng
 RT: 13.55 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	81.4	122.2
200	31.9	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

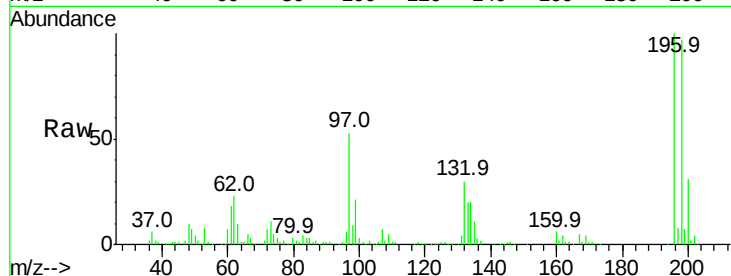




#43
2,4,5-Trichlorophenol
Concen: 49.60 ng
RT: 13.62 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.9	119.9
97	52.8	45.4	68.0
132	29.8	20.7	31.1



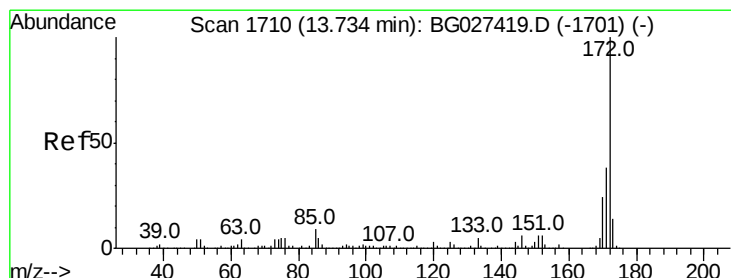
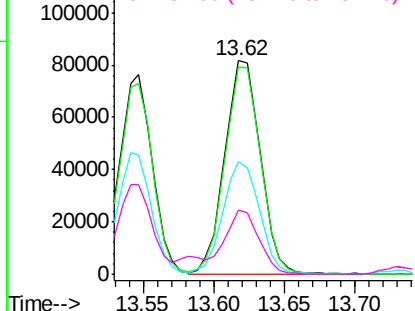
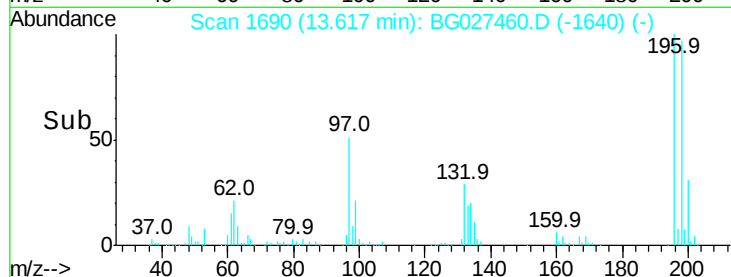
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

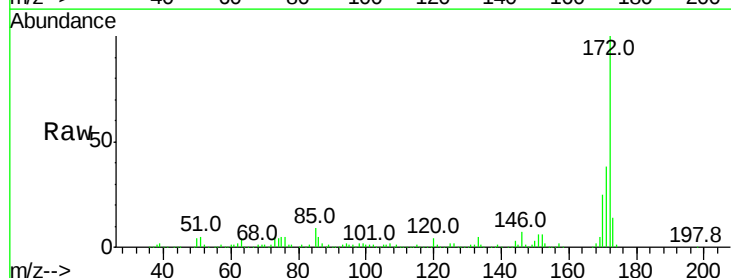
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 92.44 ng
RT: 13.73 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	24.6	21.8	32.6

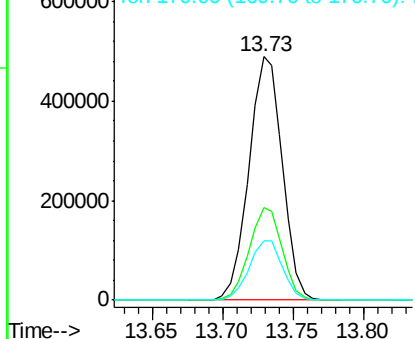
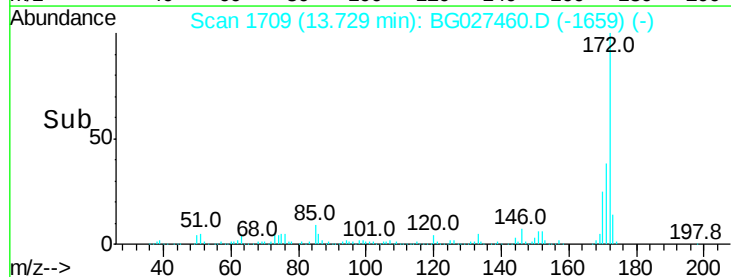


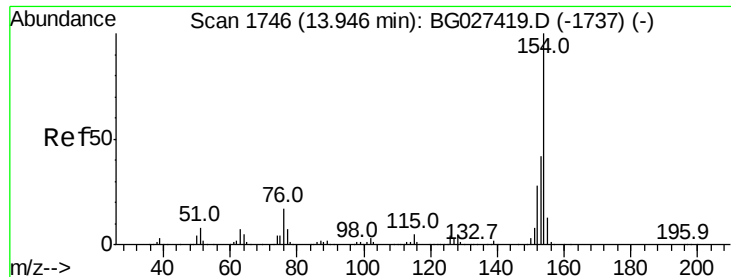
Abundance

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: 44.87 ng

RT: 13.94 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

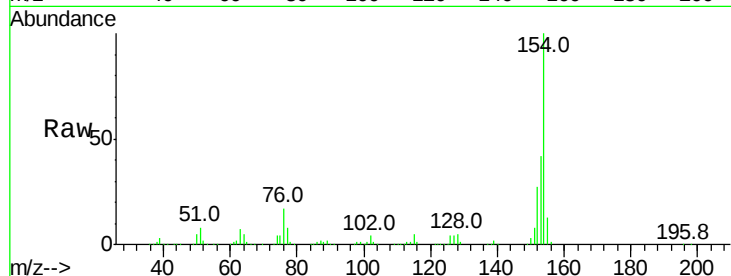
Tot Ion:154 Resp: 452338

Ion Ratio Lower Upper

154 100

153 41.5 23.0 63.0

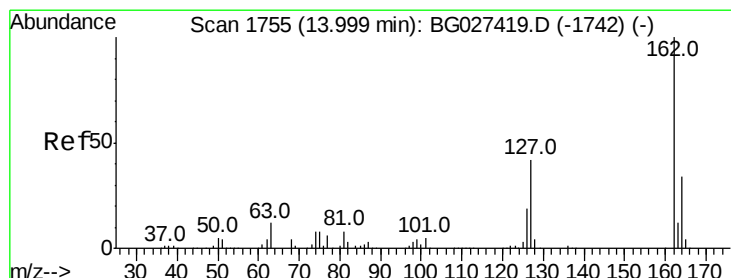
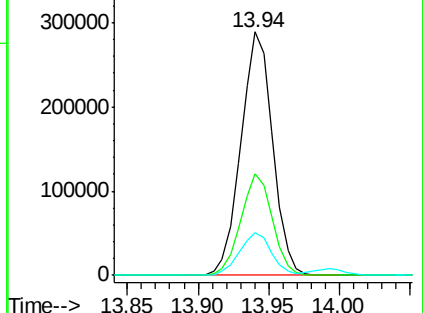
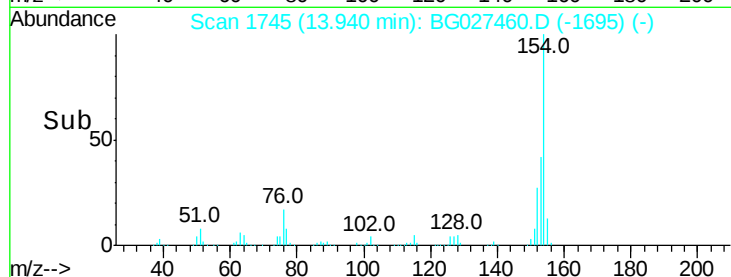
76 17.3 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 45.47 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

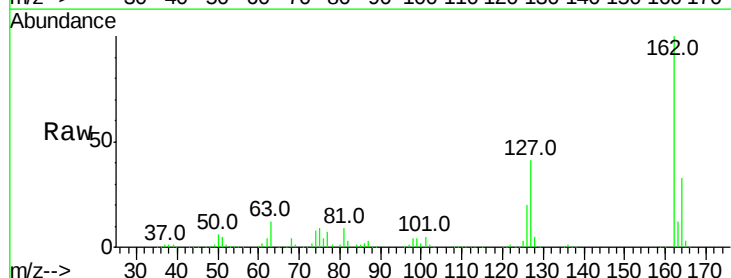
Tgt Ion:162 Resp: 346697

Ion Ratio Lower Upper

162 100

127 40.9 32.2 48.4

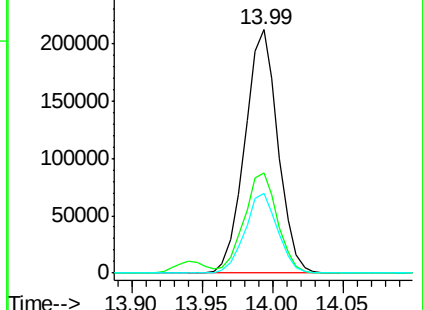
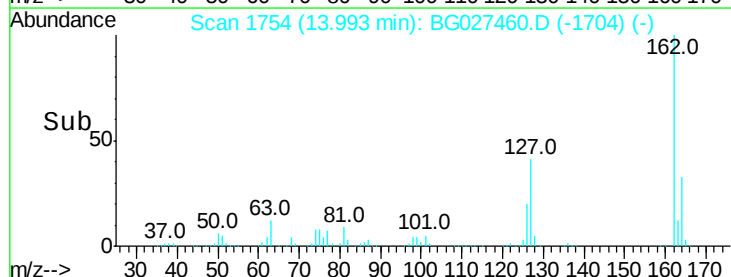
164 32.9 27.3 40.9

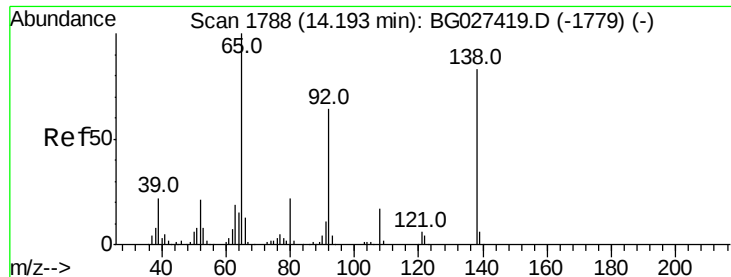


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.73 ng

RT: 14.19 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

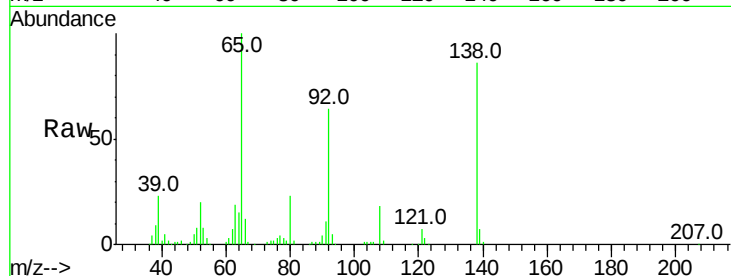
Tot Ion: 65 Resp: 164982

Ion Ratio Lower Upper

65 100

92 64.2 49.0 73.4

138 85.6 58.6 87.8

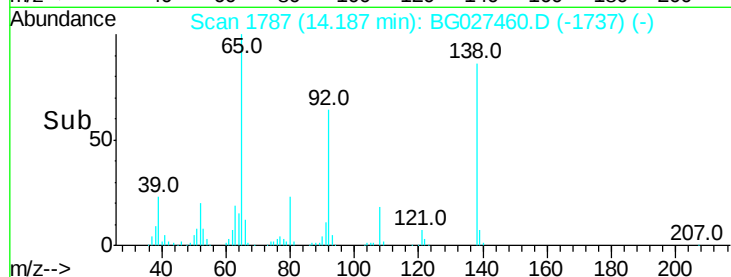


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

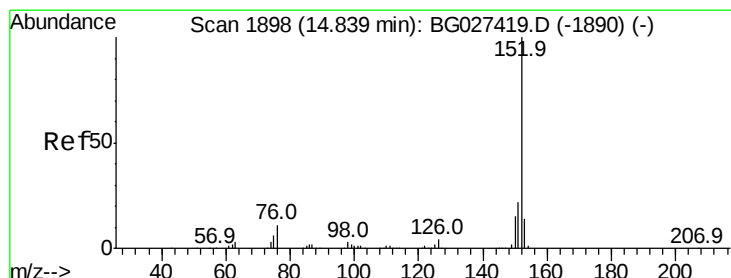
Ion 138.00 (137.70 to 138.70): BGC

Time-->



14.19

Time-->



#48

Acenaphthylene

Concen: 45.47 ng

RT: 14.83 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

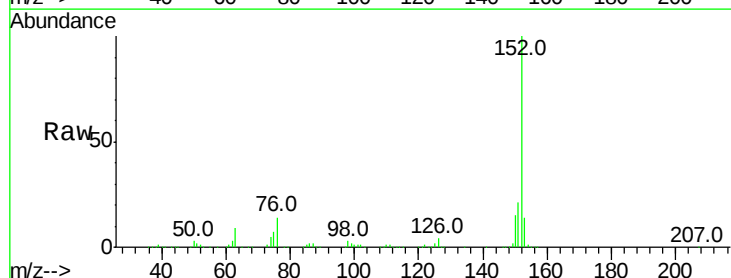
Tgt Ion: 152 Resp: 605768

Ion Ratio Lower Upper

152 100

151 20.9 18.2 27.2

153 13.9 11.3 16.9

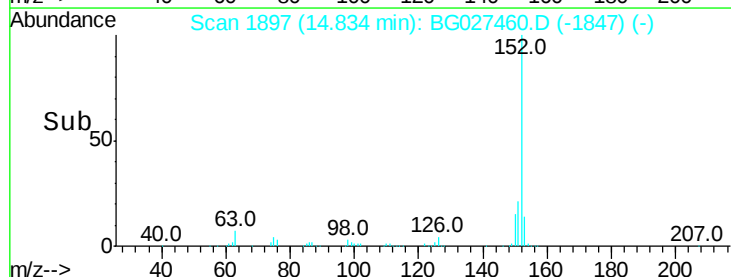


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

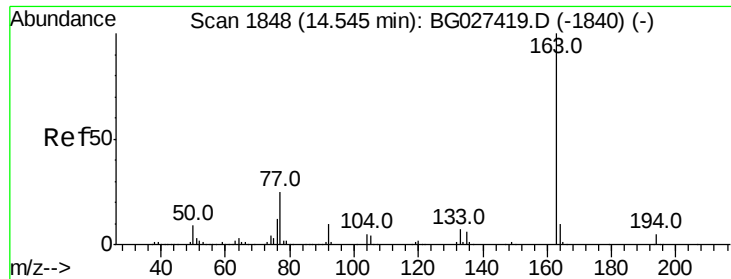
Ion 153.00 (152.70 to 153.70): BGC

Time-->



14.83

Time-->



#49

Dimethylphthalate

Concen: 53.03 ng

RT: 14.55 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

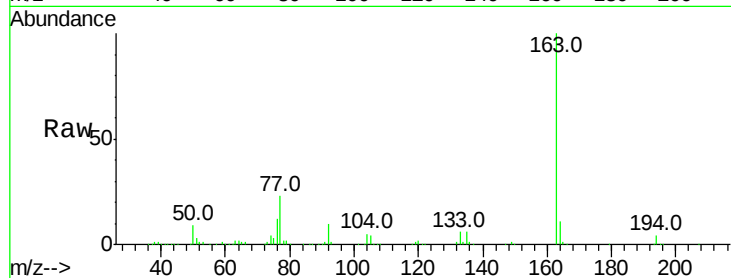
Tot Ion:163 Resp: 558001

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

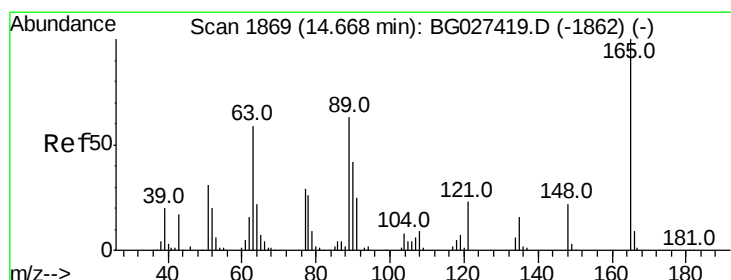
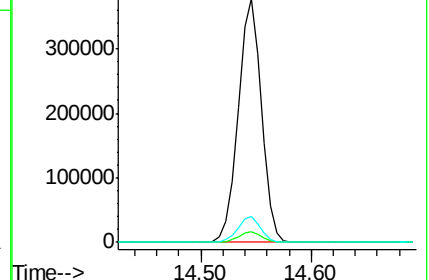
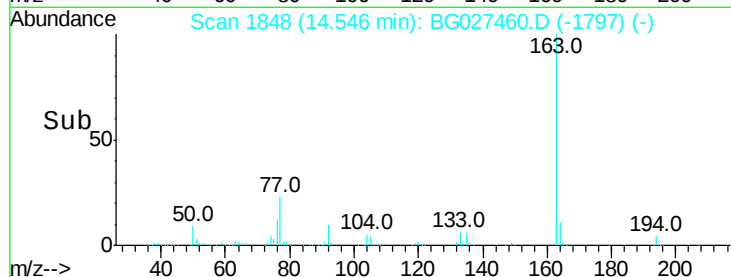
164 10.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.89 ng

RT: 14.67 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

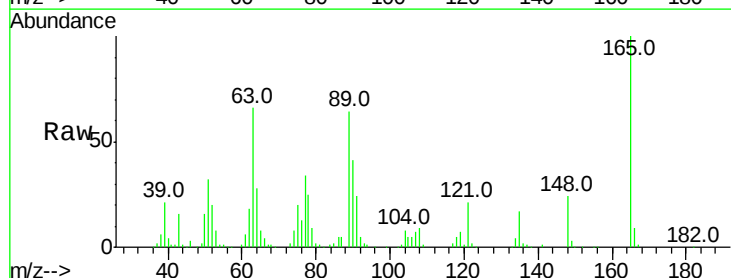
Tgt Ion:165 Resp: 119043

Ion Ratio Lower Upper

165 100

63 66.2 63.9 95.9

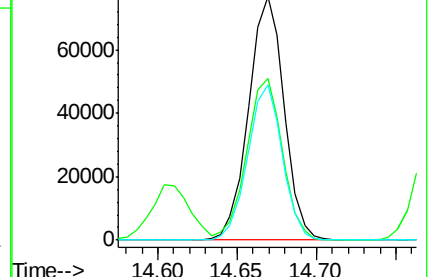
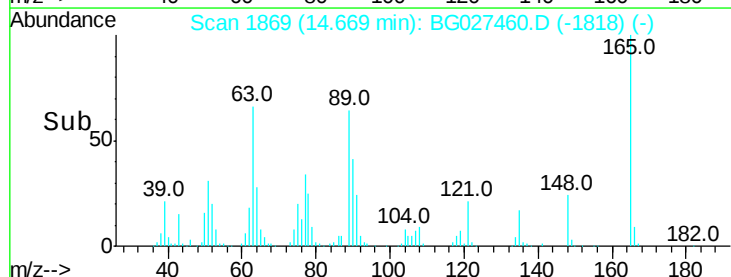
89 63.9 58.6 88.0

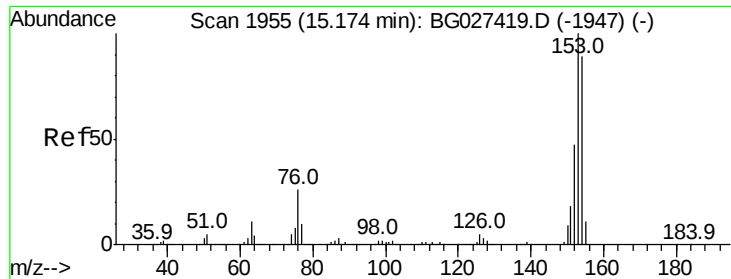


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.43 ng

RT: 15.17 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

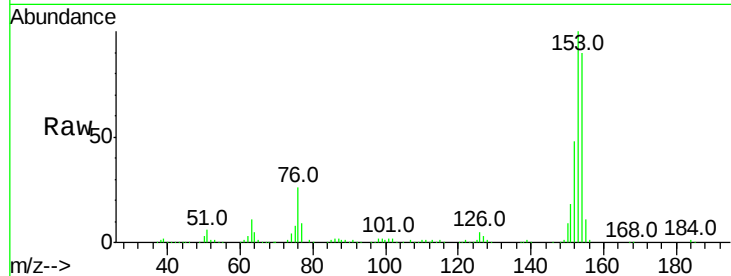
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 465696

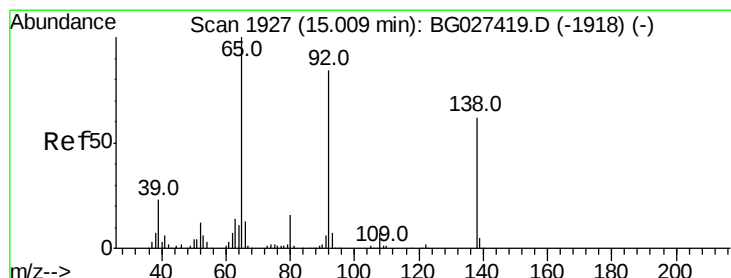
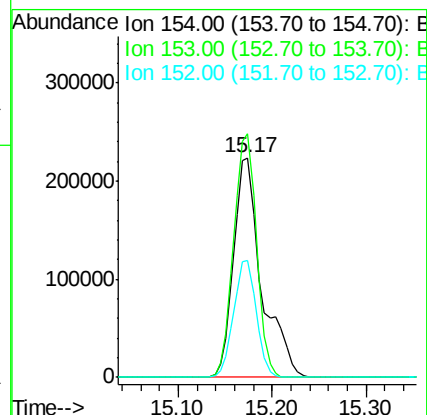
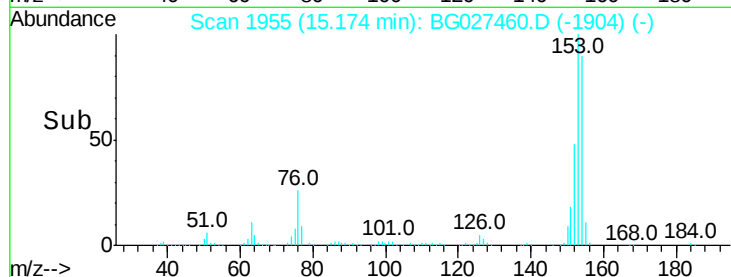
Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.8	131.6
152	53.2	42.2	63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.01 ng

RT: 15.01 min Scan# 1927

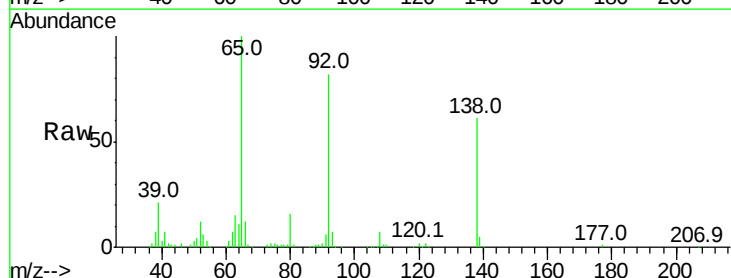
Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Tgt Ion:138 Resp: 83853

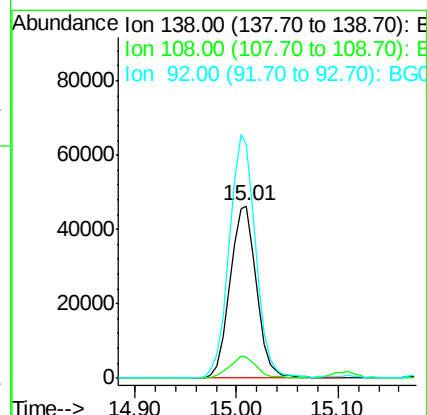
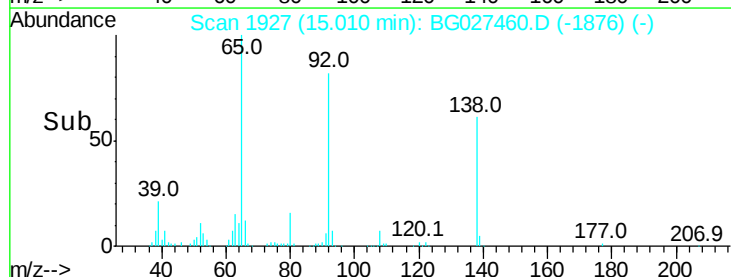
Ion	Ratio	Lower	Upper
138	100		
108	12.2	10.9	16.3
92	135.1	115.3	172.9

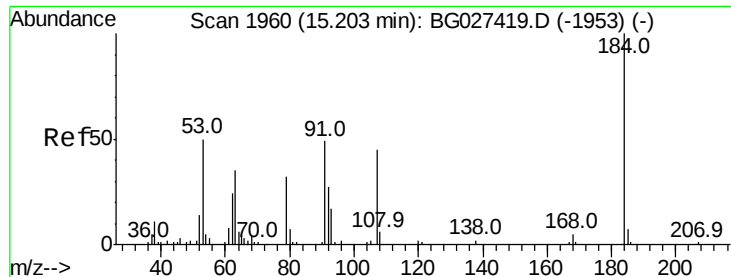


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

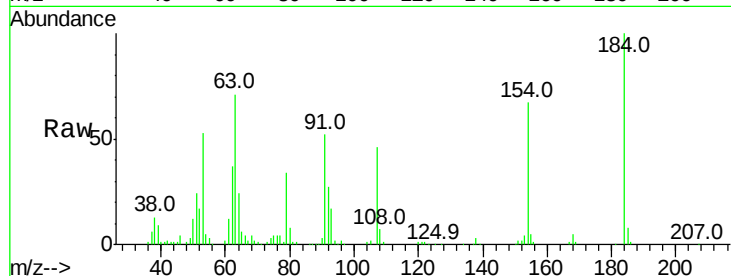




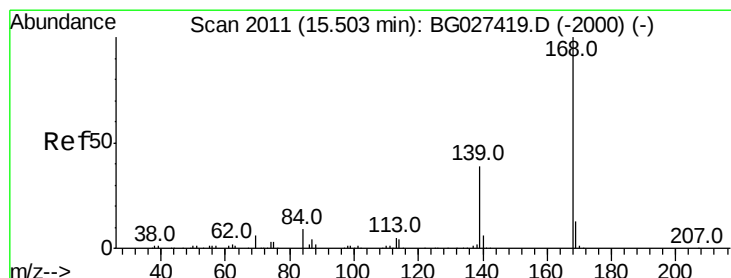
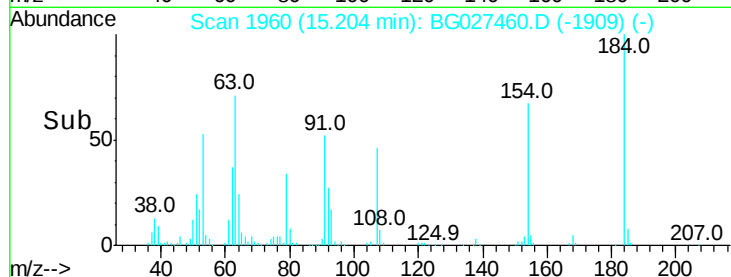
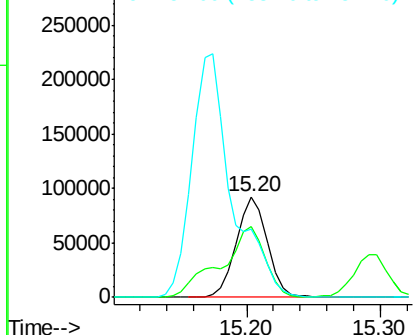
#53
2,4-Dinitrophenol
Concen: 108.91 ng
RT: 15.20 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 148510
Ion Ratio Lower Upper
184 100
63 71.1 52.7 79.1
154 67.4 57.3 85.9

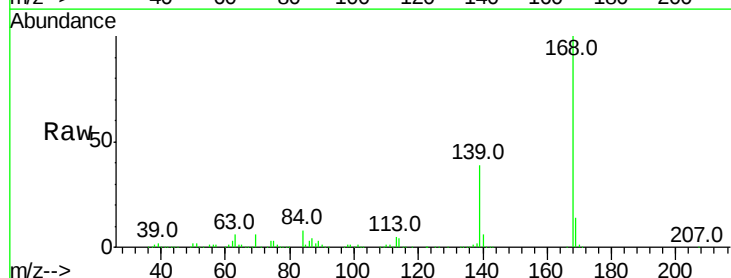


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

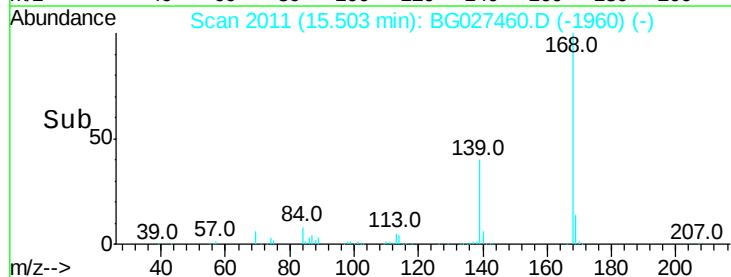
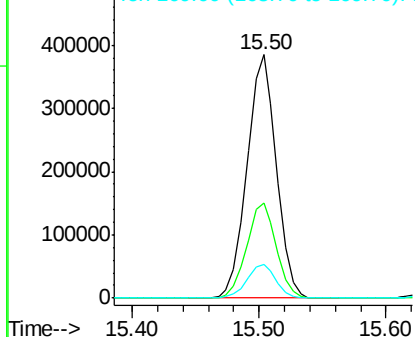


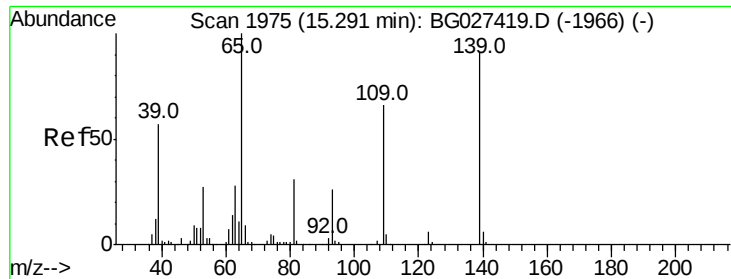
#54
Dibenzofuran
Concen: 50.97 ng
RT: 15.50 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:168 Resp: 616903
Ion Ratio Lower Upper
168 100
139 39.1 35.3 52.9
169 13.6 11.5 17.3



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

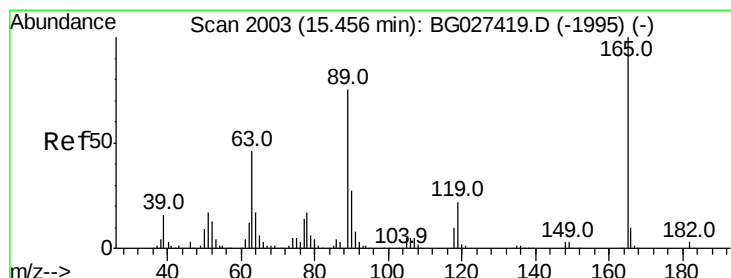
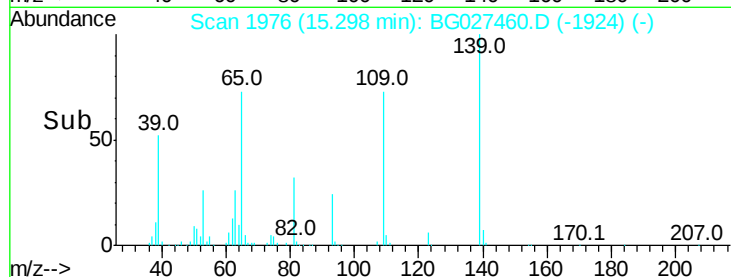
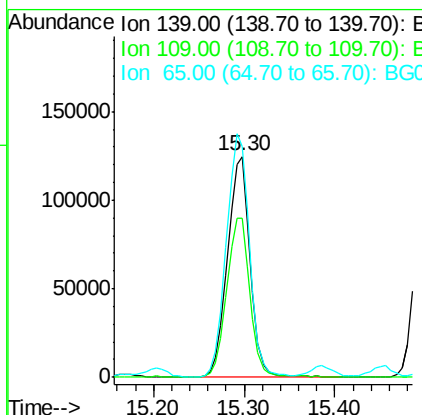
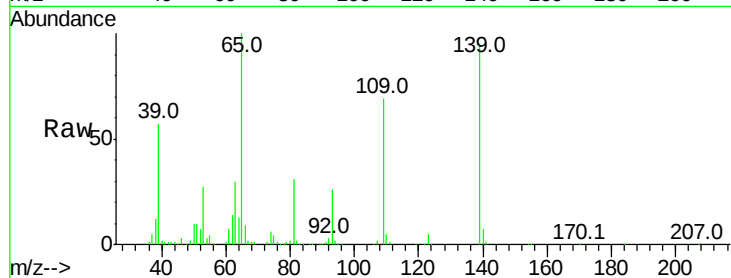




#55
4-Nitrophenol
Concen: 114.64 ng
RT: 15.30 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

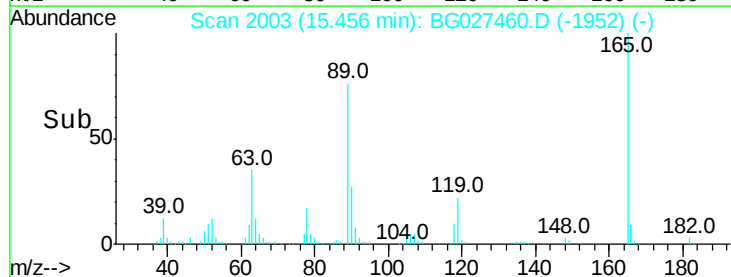
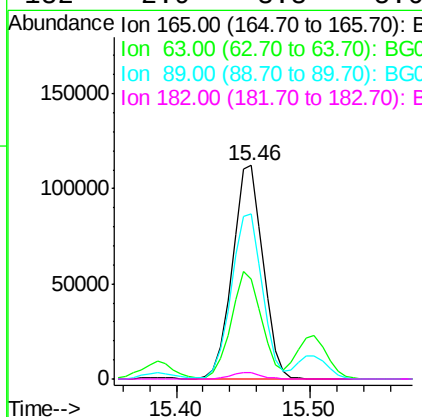
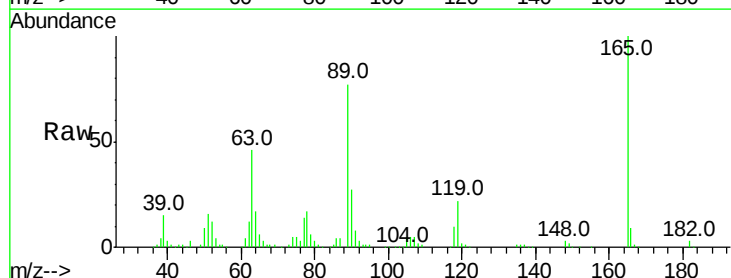
Instrument :
BNA_G
ClientSampleId :

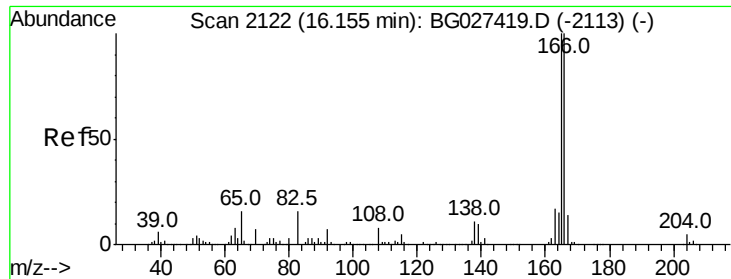
Tot Ion:139 Resp: 217400
Ion Ratio Lower Upper
139 100
109 72.2 101.2 141.2#
65 104.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 57.72 ng
RT: 15.46 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:165 Resp: 178292
Ion Ratio Lower Upper
165 100
63 46.5 44.0 66.0
89 77.5 67.3 100.9
182 2.9 3.8 5.6#

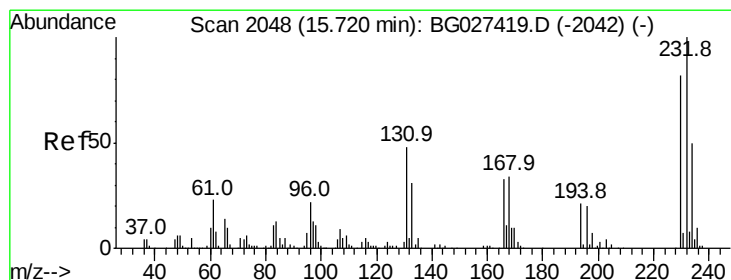
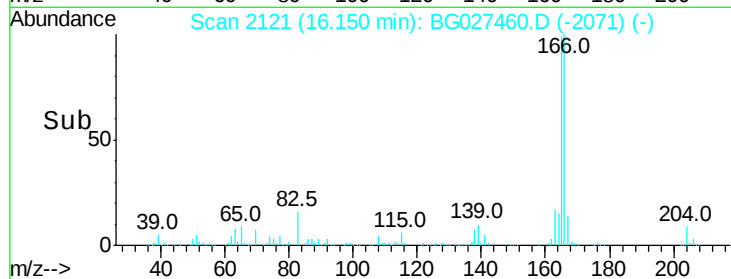
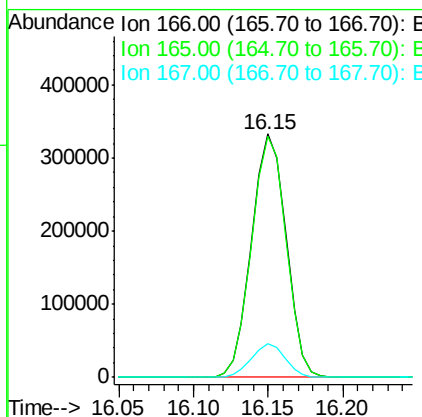
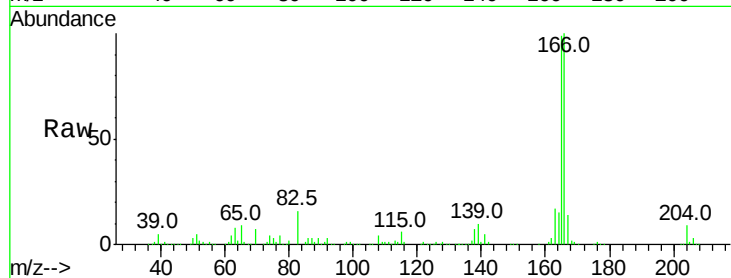




#57
 Fluorene
 Concen: 48.94 ng
 RT: 16.15 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

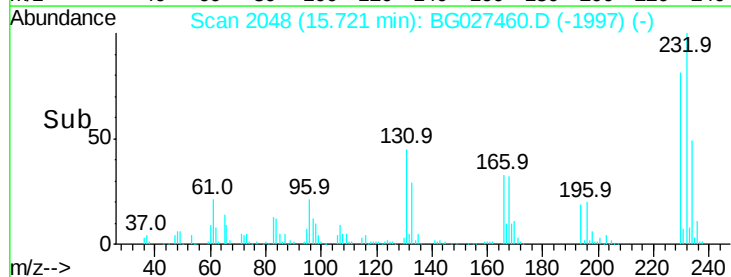
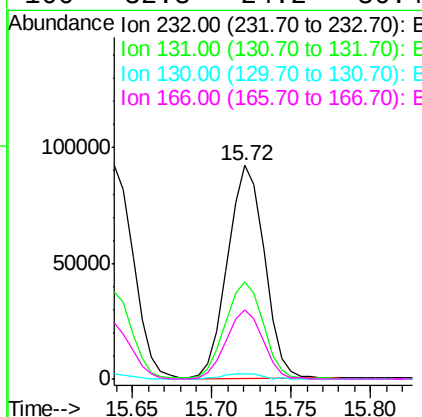
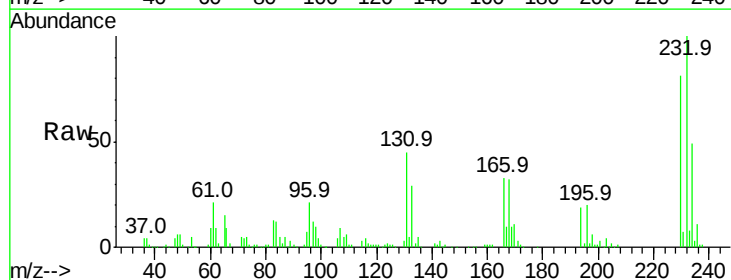
Instrument :
 BNA_G
 ClientSampleId :

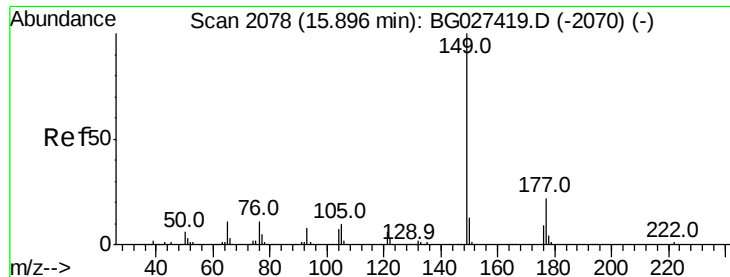
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.8	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.95 ng
 RT: 15.72 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.4	34.9	52.3
130	2.5	2.3	3.5
166	32.3	24.2	36.4

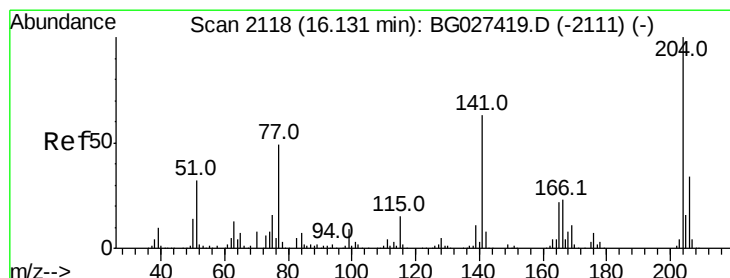
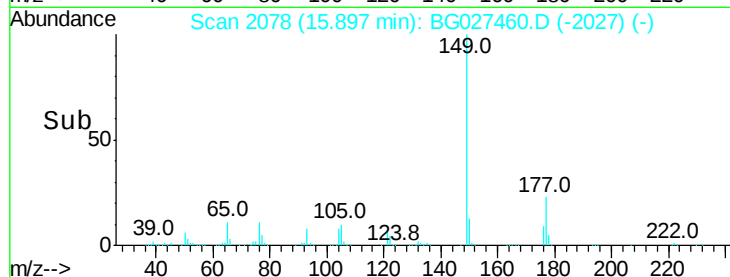
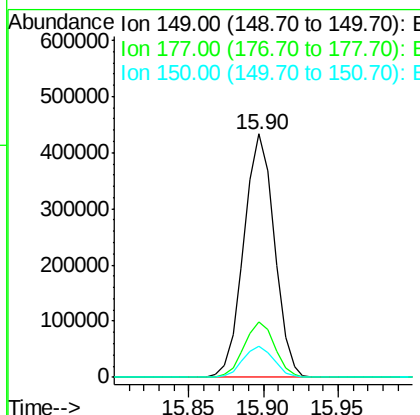
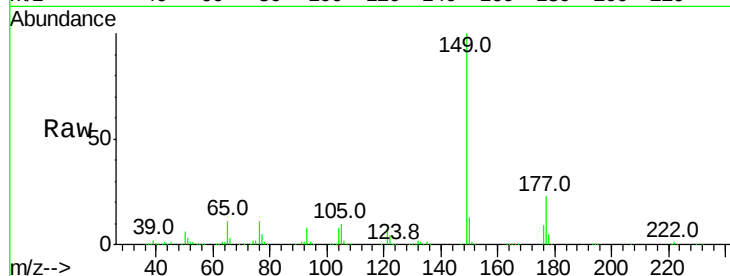




#59
Diethylphthalate
Concen: 56.84 ng
RT: 15.90 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

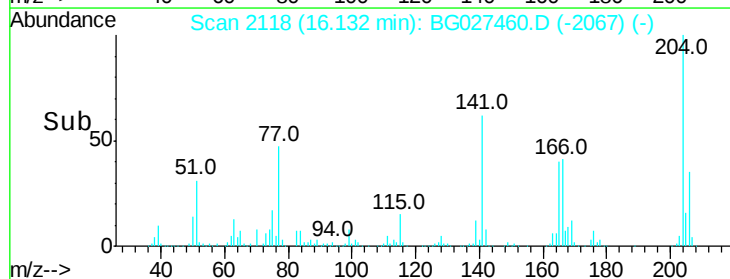
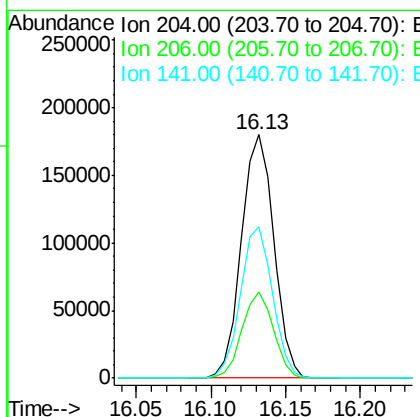
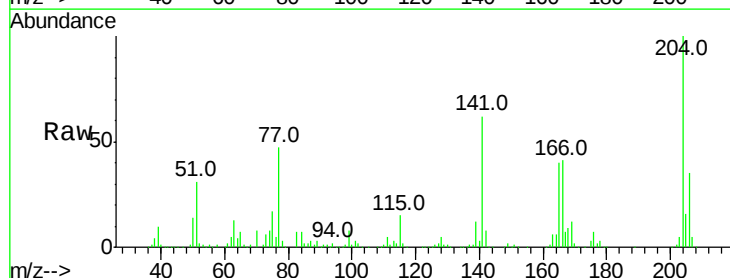
Instrument :
BNA_G
ClientSampled :

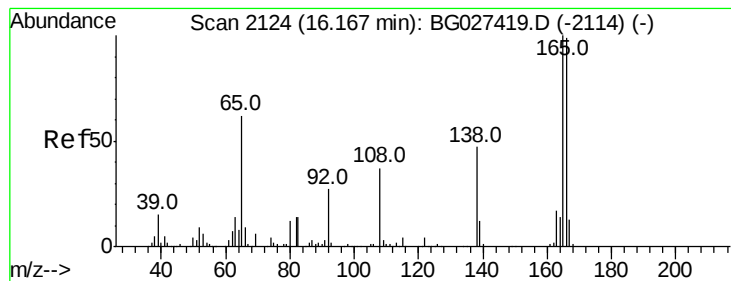
Tot Ion:149 Resp: 614633
Ion Ratio Lower Upper
149 100
177 22.7 20.1 30.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.40 ng
RT: 16.13 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:204 Resp: 271103
Ion Ratio Lower Upper
204 100
206 35.2 30.1 45.1
141 62.2 50.6 76.0





#61

4-Nitroaniline

Concen: 60.08 ng

RT: 16.17 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampled :

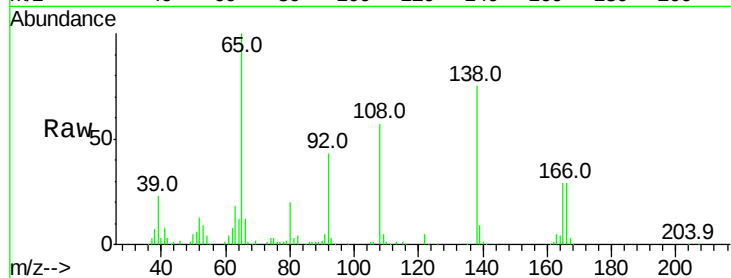
Tot Ion:138 Resp: 147336

Ion Ratio Lower Upper

138 100

92 57.9 44.2 84.2

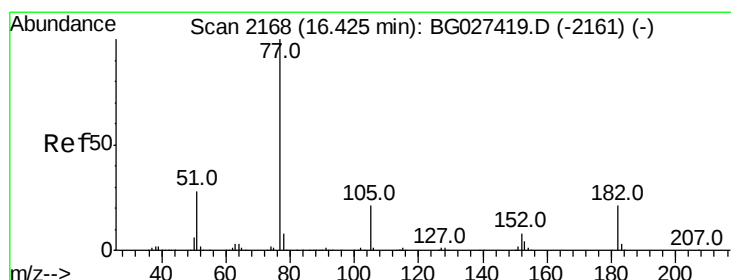
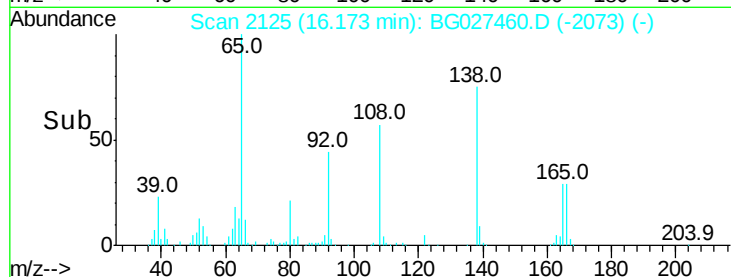
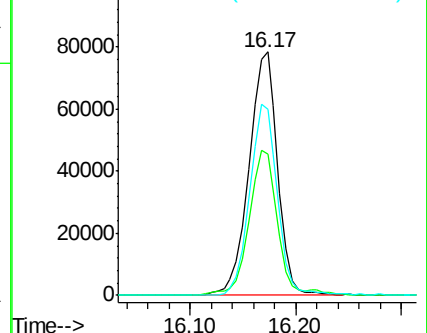
108 76.2 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.11 ng

RT: 16.43 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Tgt Ion: 77 Resp: 635789

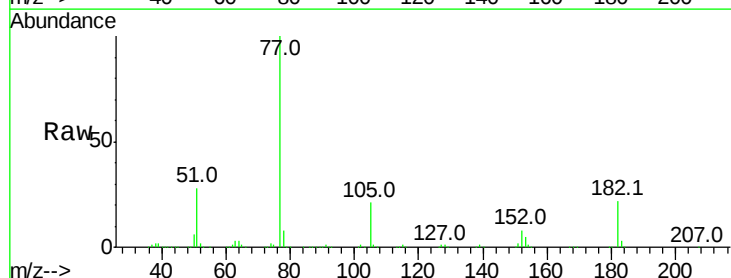
Ion Ratio Lower Upper

77 100

182 22.2 4.7 44.7

105 20.7 0.0 36.3

51 28.2 16.4 56.4

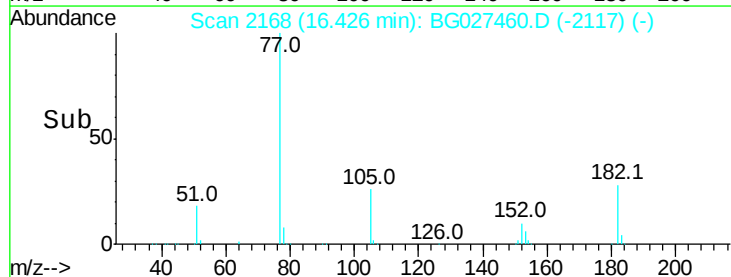
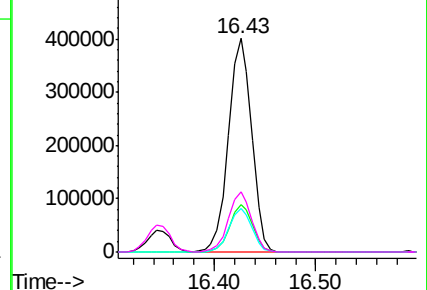


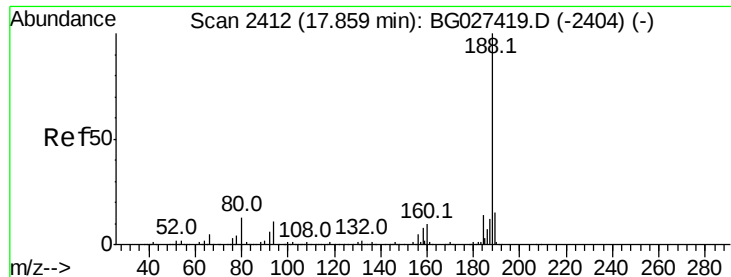
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.86 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

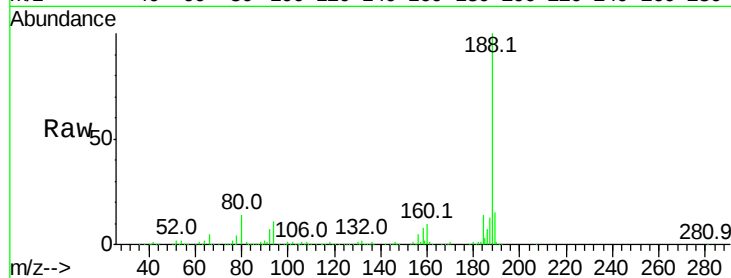
Tot Ion:188 Resp: 356440

Ion Ratio Lower Upper

188 100

94 11.4 5.8 8.8#

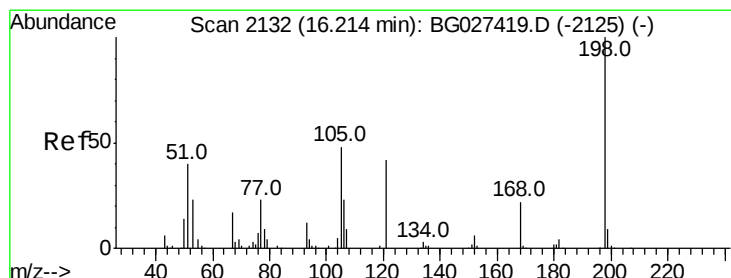
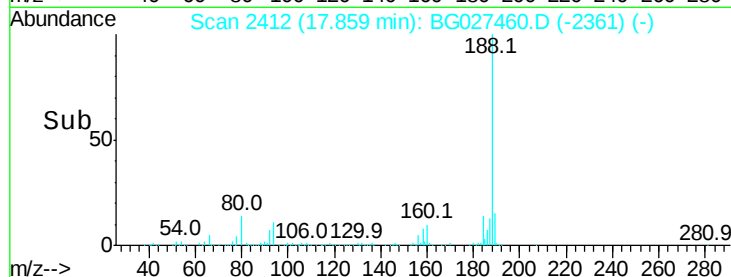
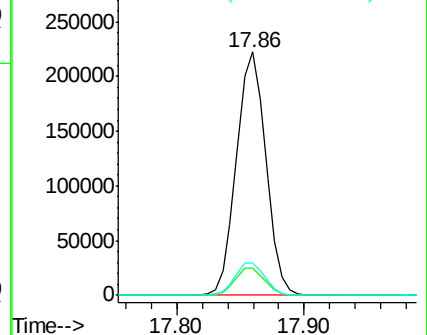
80 13.6 7.5 11.3#



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: 49.21 ng

RT: 16.22 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

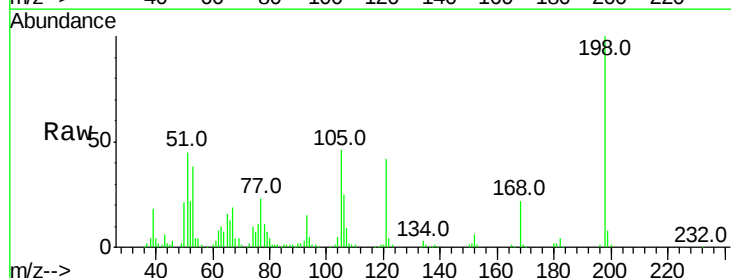
Tgt Ion:198 Resp: 101702

Ion Ratio Lower Upper

198 100

51 45.3 22.6 62.6

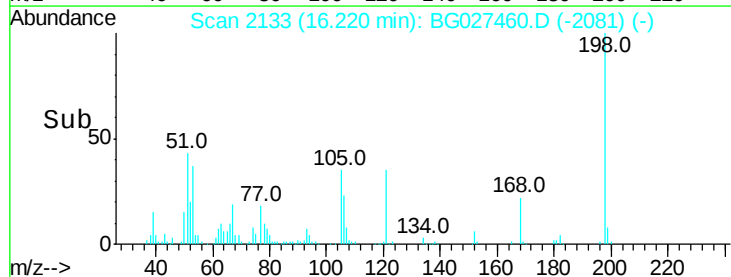
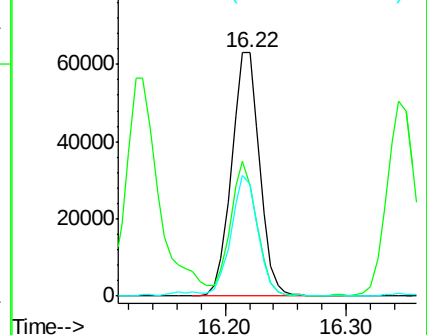
105 46.1 14.4 54.4

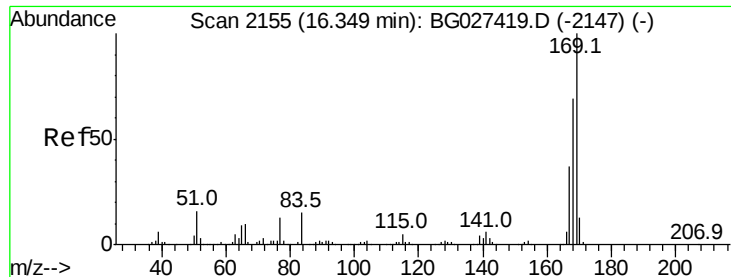


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

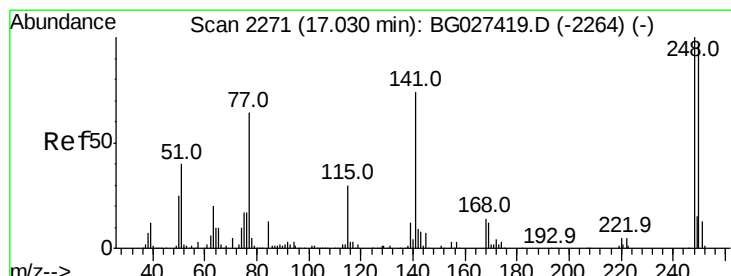
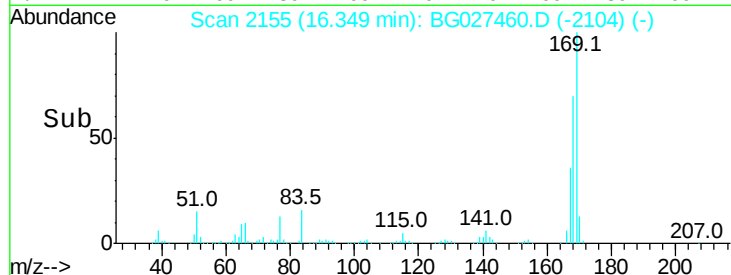
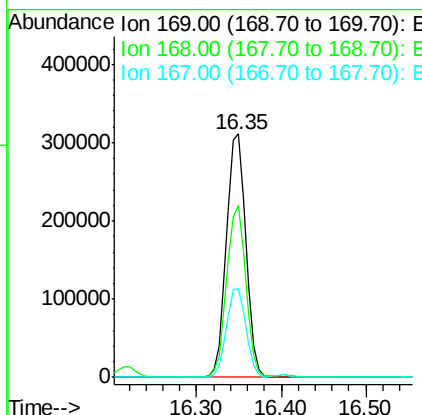
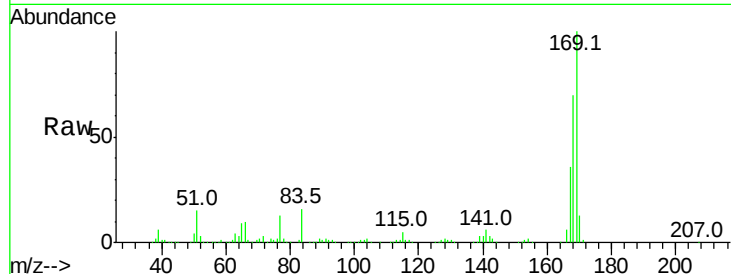




#65
 n-Nitrosodiphenylamine
 Concen: 44.15 ng
 RT: 16.35 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

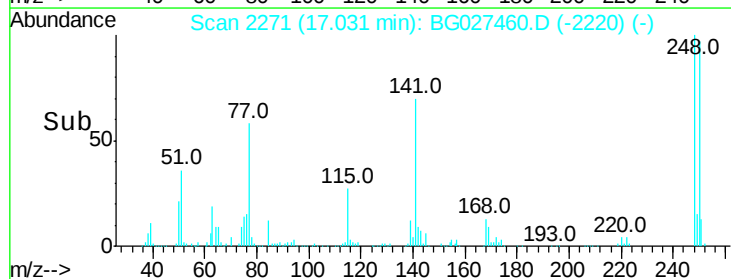
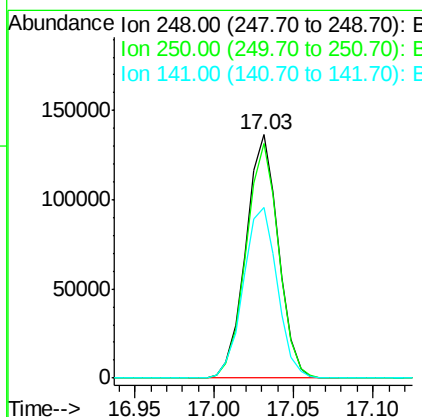
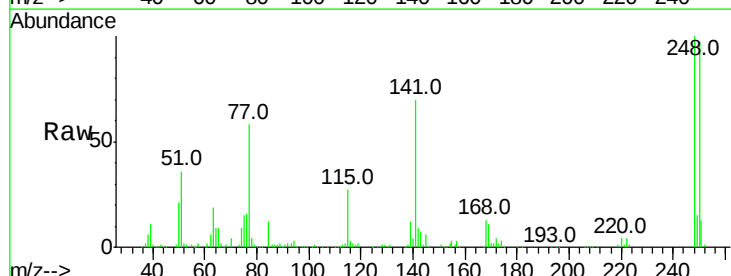
Instrument :
 BNA_G
 ClientSampleId :

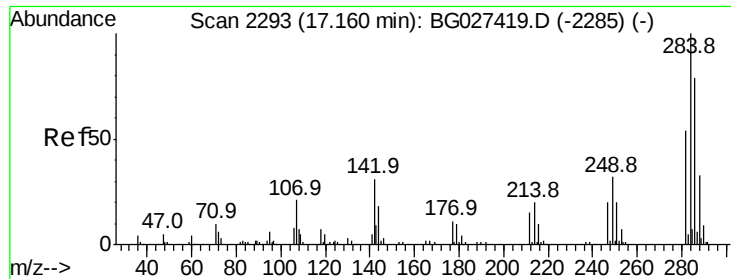
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.7	83.5
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.76 ng
 RT: 17.03 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.0	112.6
141	70.3	55.2	82.8

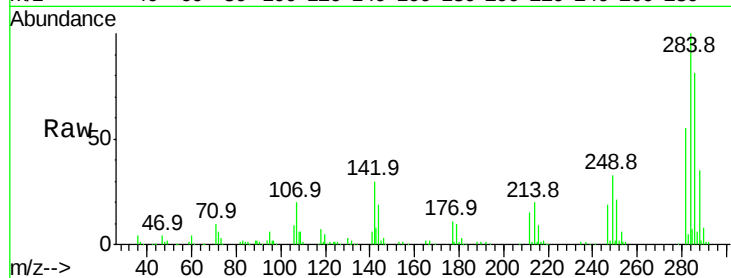




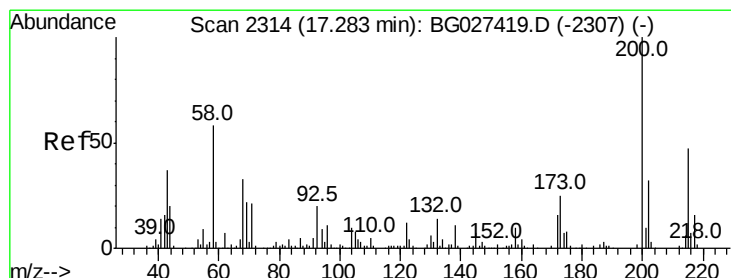
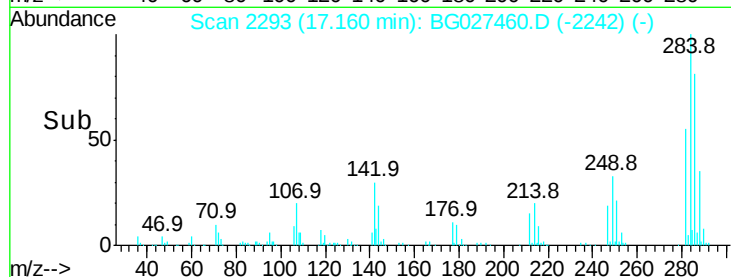
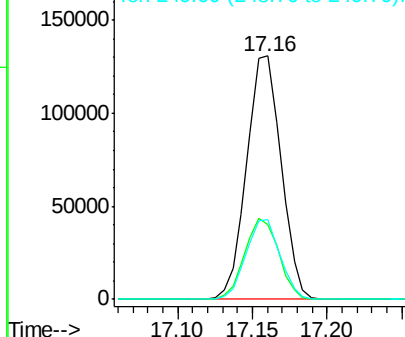
#67
Hexachlorobenzene
Concen: 44.59 ng
RT: 17.16 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	29.9	44.9
249	32.8	29.2	43.8

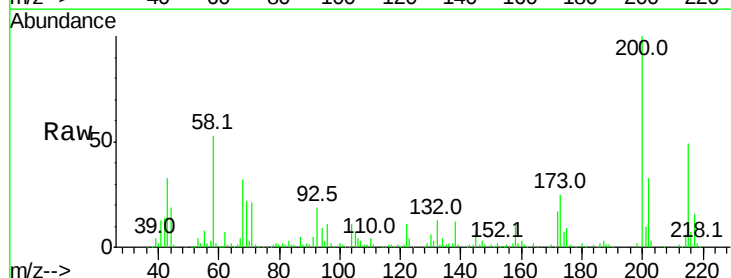


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

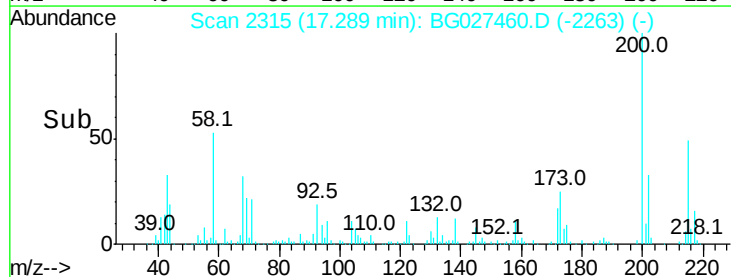
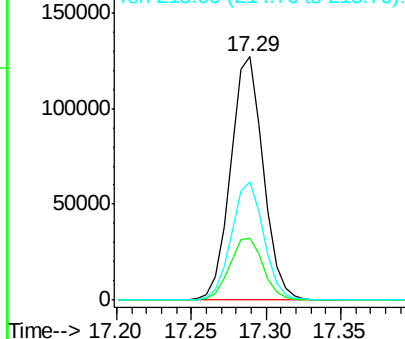


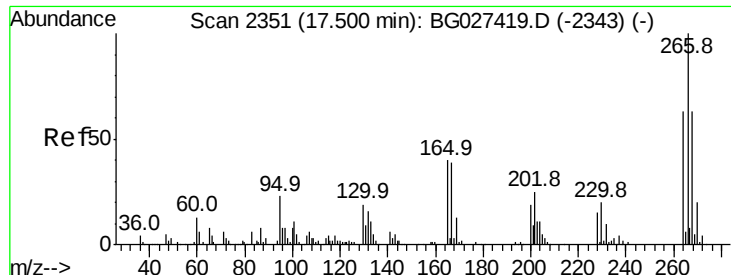
#68
Atrazine
Concen: 50.22 ng
RT: 17.29 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	3.0	43.0
215	48.6	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

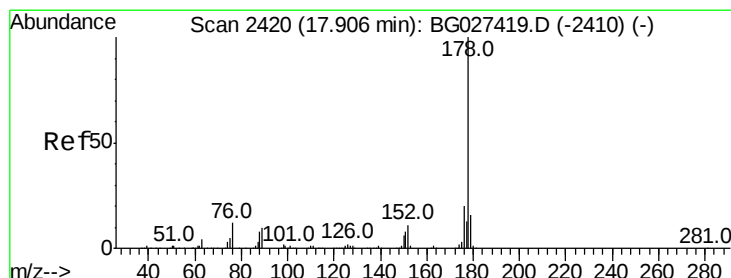
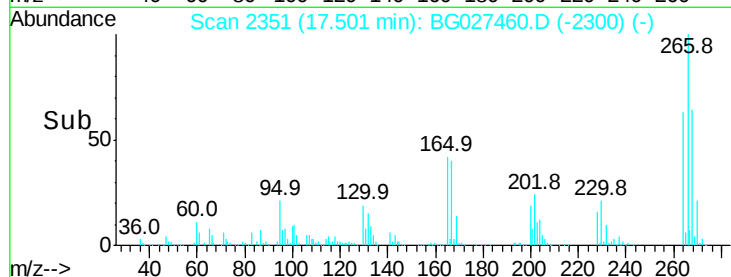
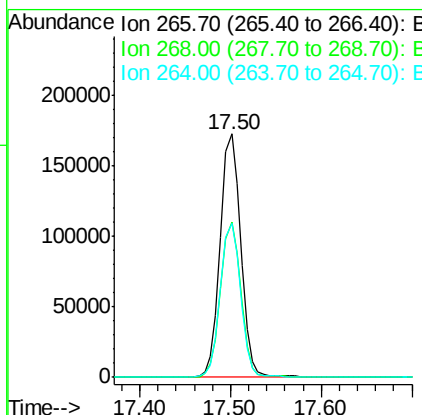
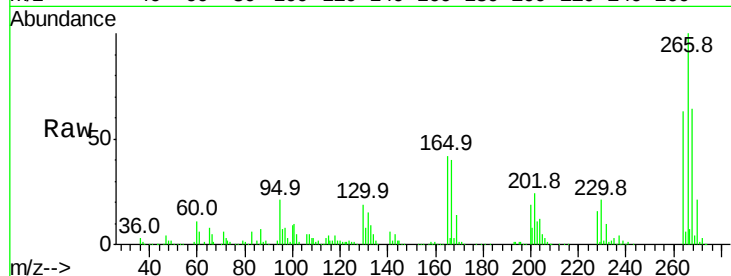




#69
 Pentachlorophenol
 Concen: 101.36 ng
 RT: 17.50 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

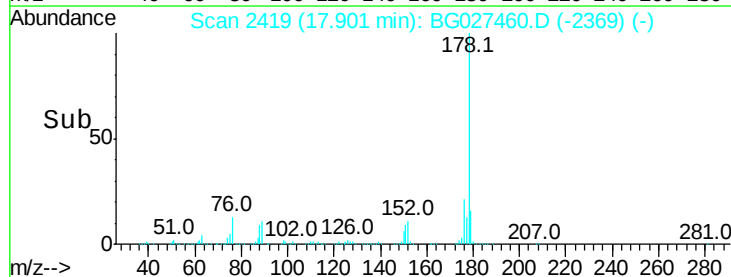
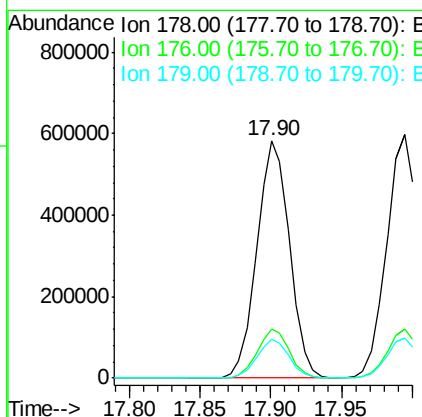
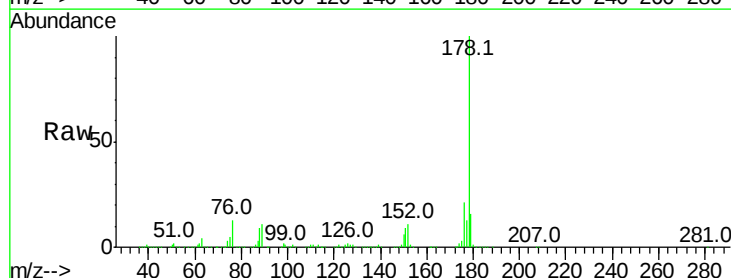
Instrument :
 BNA_G
 ClientSampled :

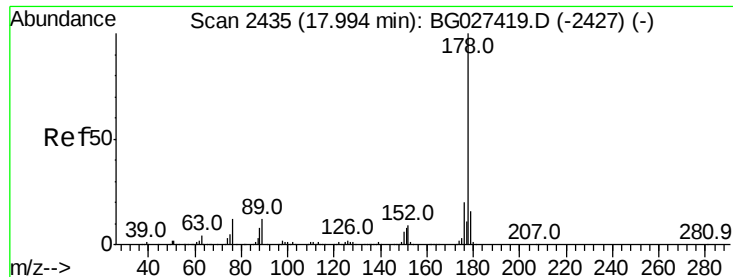
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.6	72.8
264	63.2	50.1	75.1



#70
 Phenanthrene
 Concen: 47.59 ng
 RT: 17.90 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.7	26.5
179	16.2	15.0	22.6

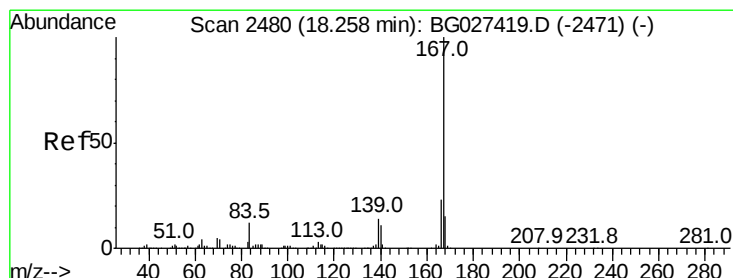
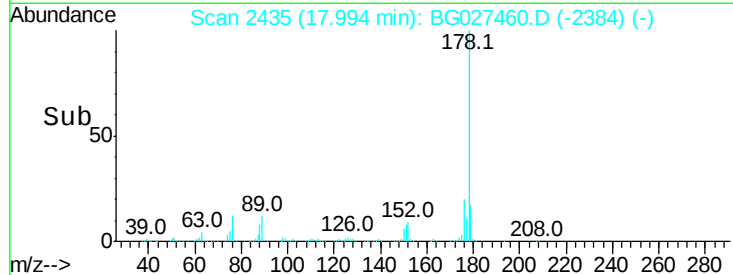
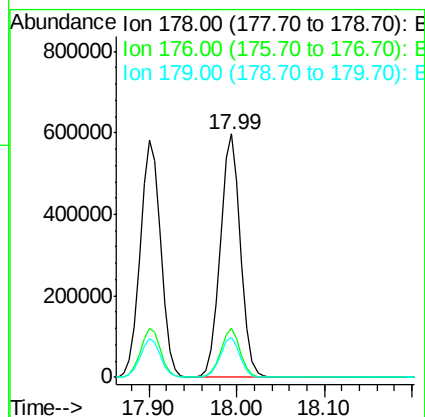
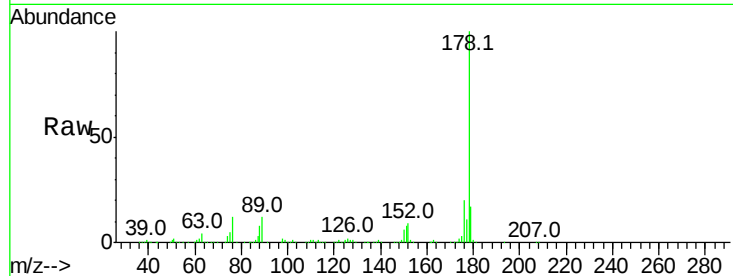




#71
 Anthracene
 Concen: 47.23 ng
 RT: 17.99 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

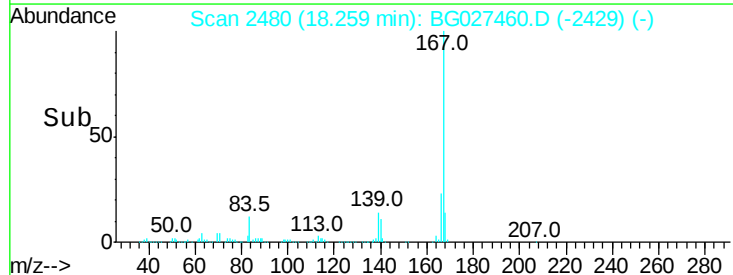
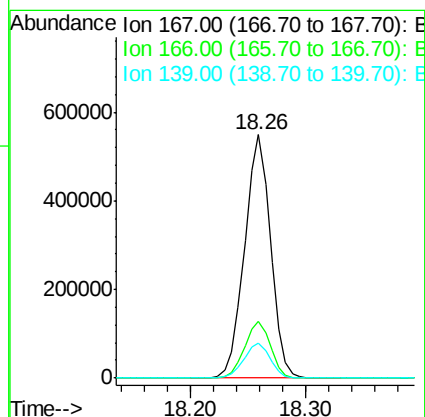
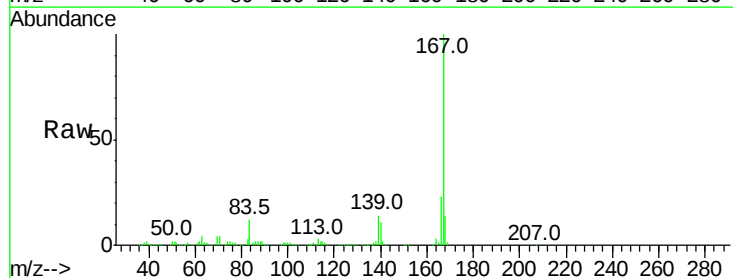
Instrument :
 BNA_G
 ClientSampleId :

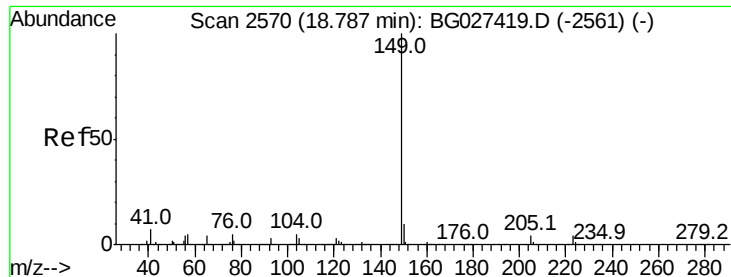
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	16.5	13.8	20.8



#72
 Carbazole
 Concen: 44.45 ng
 RT: 18.26 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	14.1	12.8	19.2

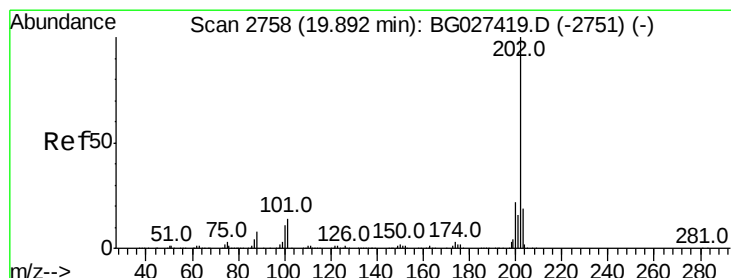
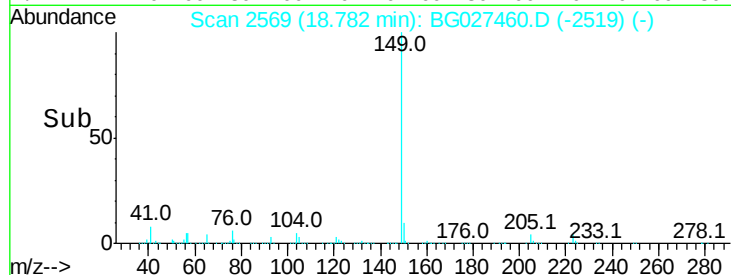
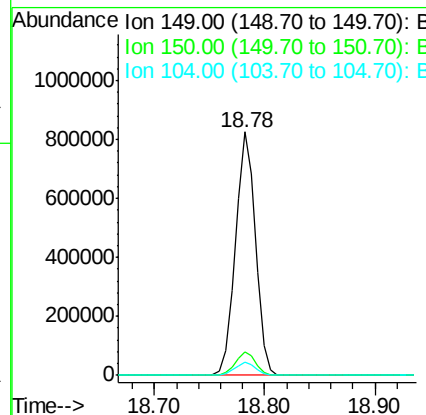
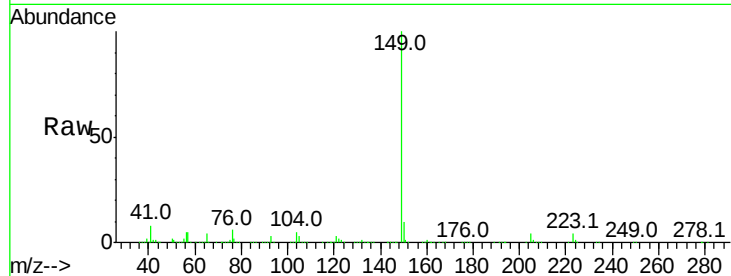




#73
Di-n-butylphthalate
Concen: 49.96 ng
RT: 18.78 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

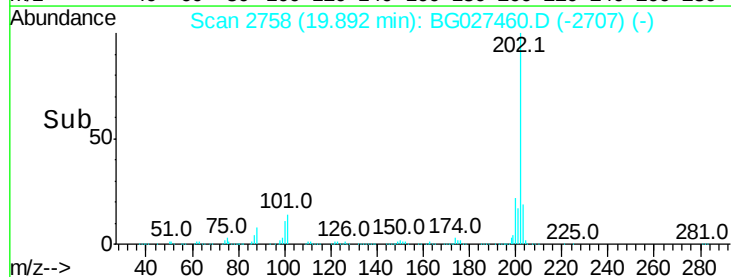
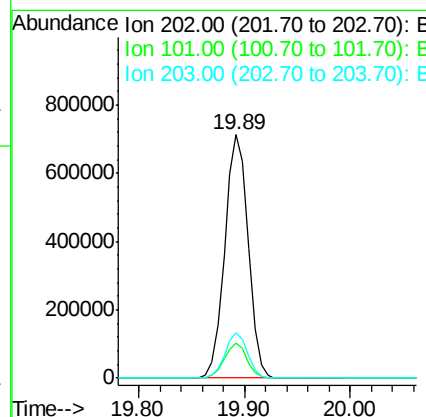
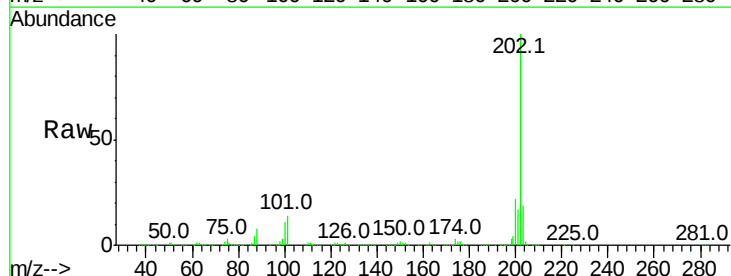
Instrument :
BNA_G
ClientSampleID :

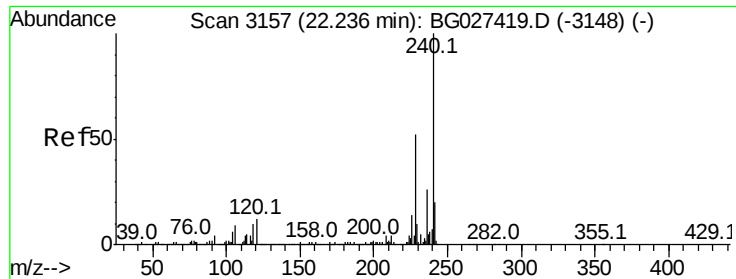
Tot Ion:149 Resp: 1049247
Ion Ratio Lower Upper
149 100
150 9.7 9.1 13.7
104 5.5 6.7 10.1#



#74
Fluoranthene
Concen: 47.52 ng
RT: 19.89 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:202 Resp: 1088287
Ion Ratio Lower Upper
202 100
101 14.1 0.0 30.1
203 18.5 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampled :

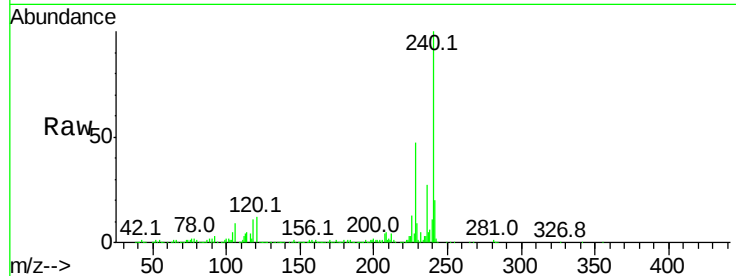
Tot Ion:240 Resp: 405701

Ion Ratio Lower Upper

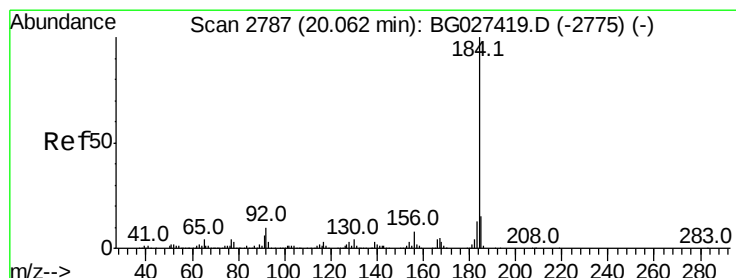
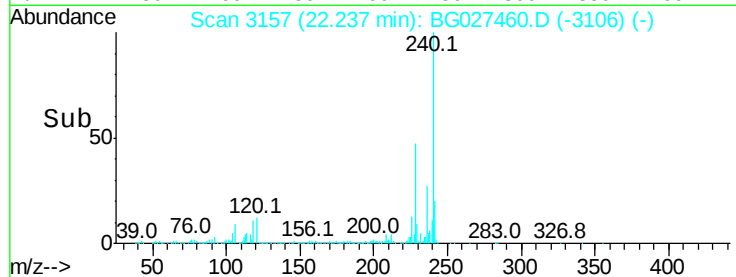
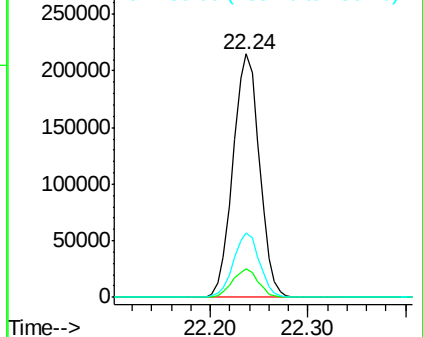
240 100

120 11.9 5.7 8.5#

236 26.5 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.74 ng

RT: 20.06 min Scan# 2787

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

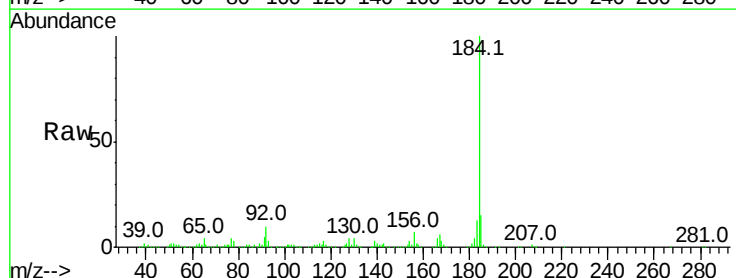
Tgt Ion:184 Resp: 478043

Ion Ratio Lower Upper

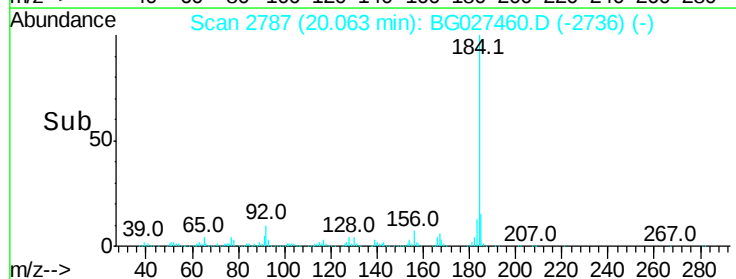
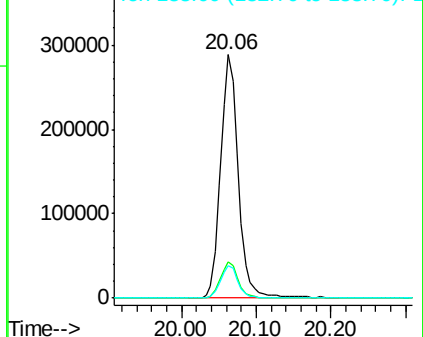
184 100

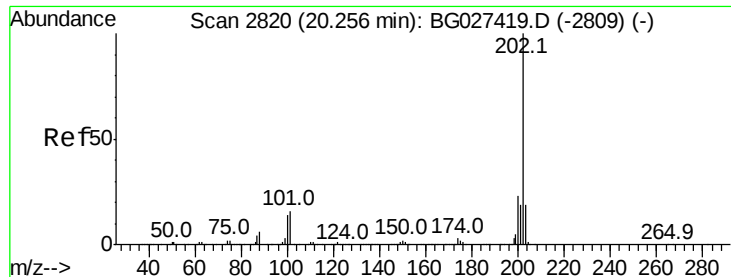
185 14.7 13.0 19.6

183 13.1 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.52 ng

RT: 20.26 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

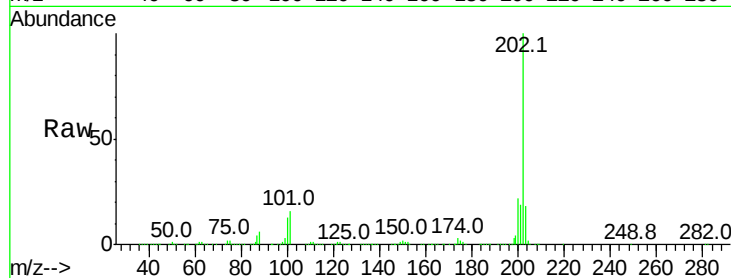
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1107848

Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.6	29.4
203	18.3	15.8	23.8

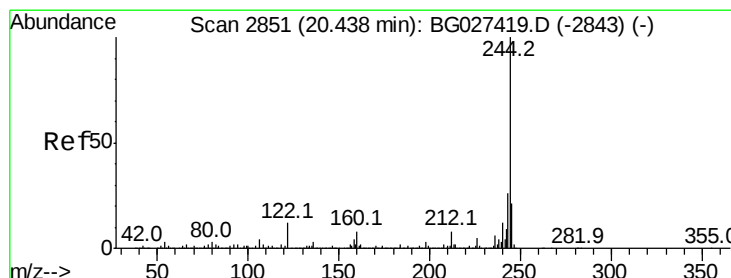
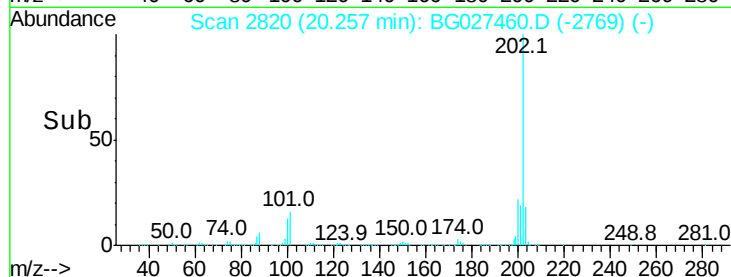
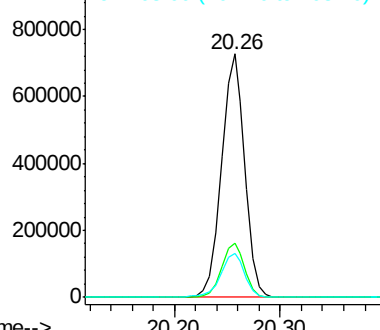


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 104.73 ng

RT: 20.44 min Scan# 2851

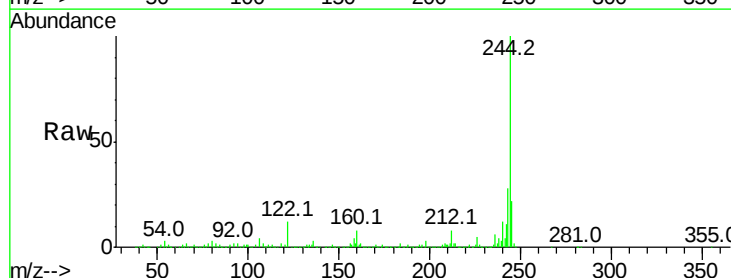
Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Tgt Ion:244 Resp: 1657794

Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	11.6	8.6	12.8

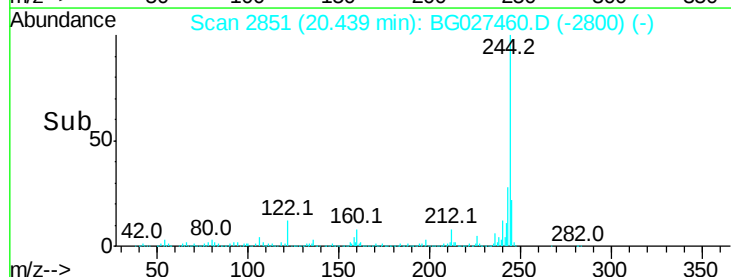
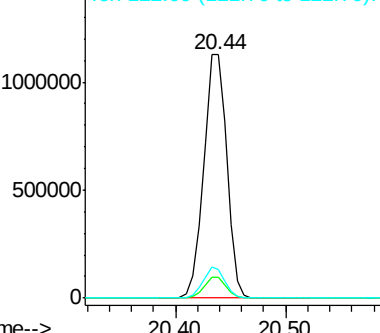


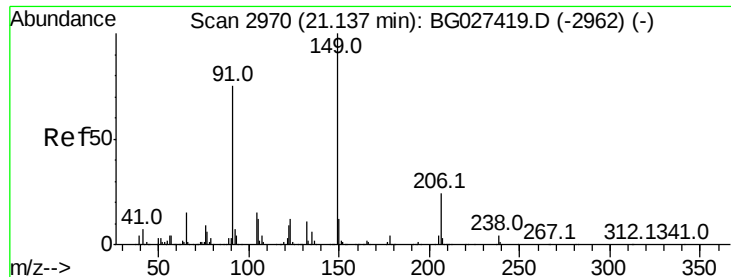
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

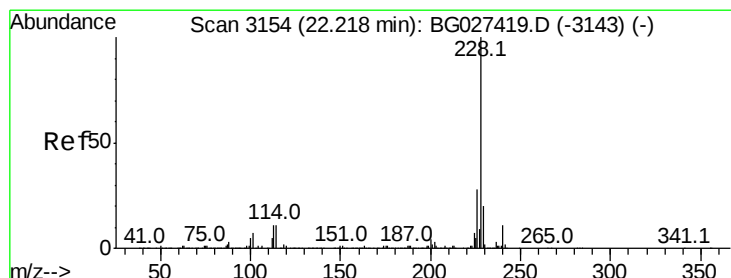
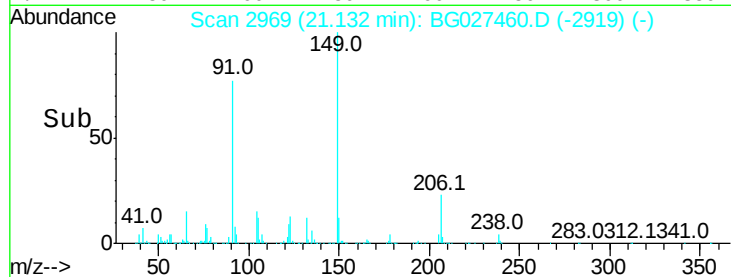
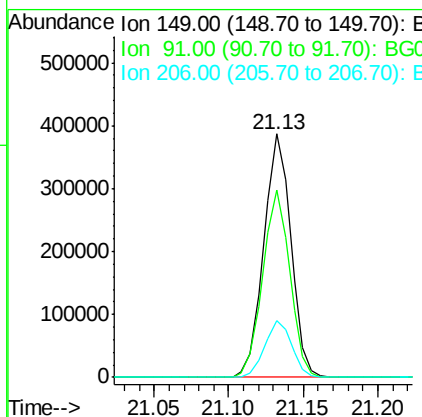
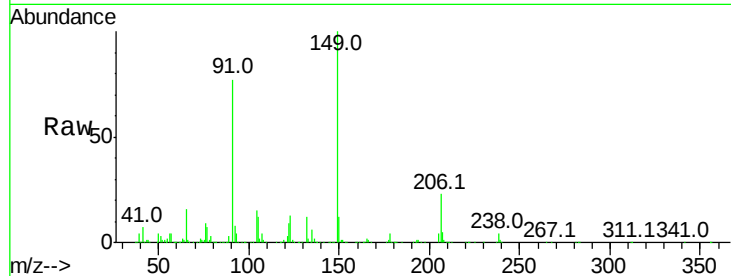




#79
Butylbenzylphthalate
Concen: 52.03 ng
RT: 21.13 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

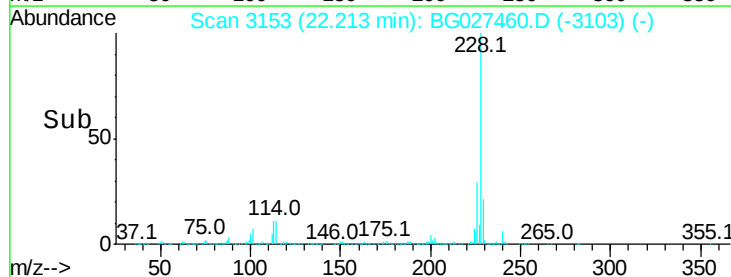
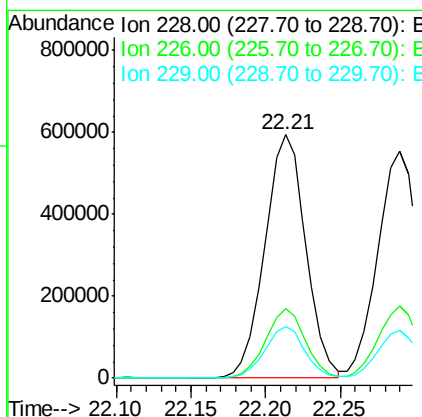
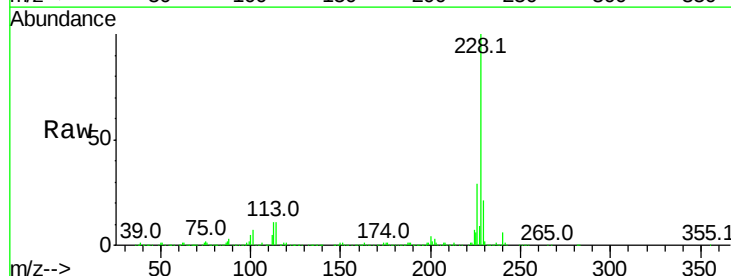
Instrument :
BNA_G
ClientSampleId :

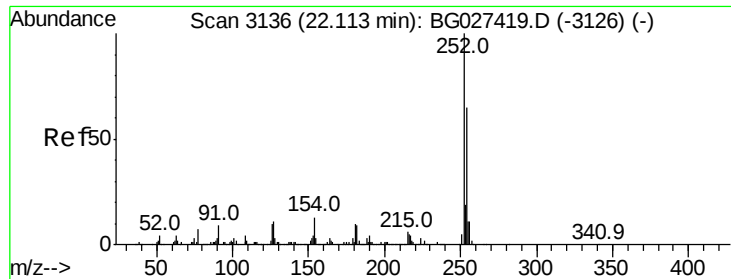
Tot Ion:149 Resp: 484600
Ion Ratio Lower Upper
149 100
91 76.7 63.5 95.3
206 23.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 48.36 ng
RT: 22.21 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:228 Resp: 1127709
Ion Ratio Lower Upper
228 100
226 28.8 24.9 37.3
229 21.4 18.2 27.2

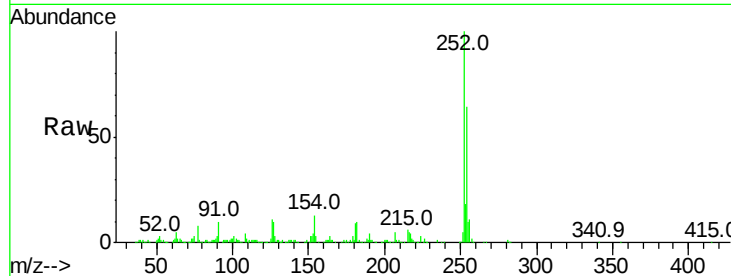




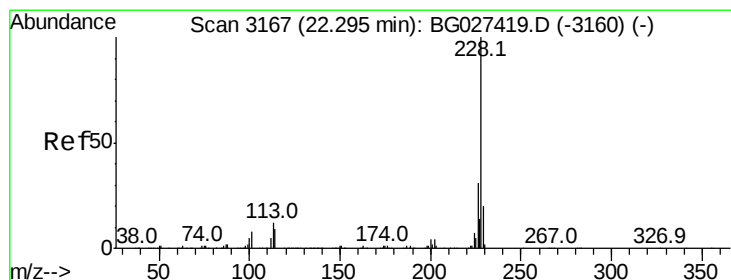
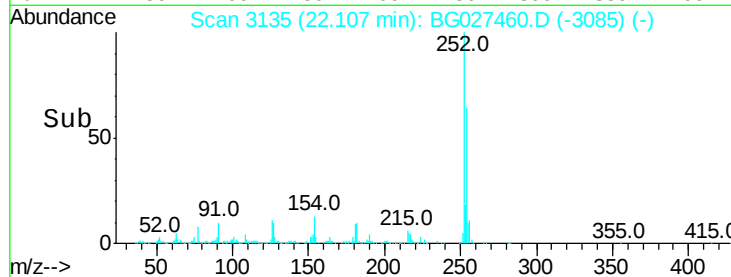
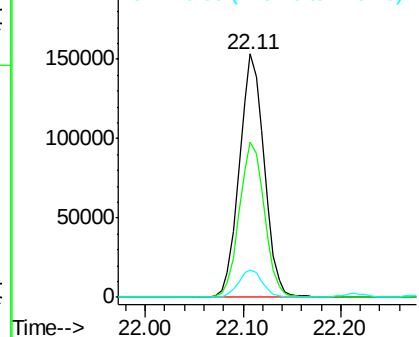
#81
 3,3'-Dichlorobenzidine
 Concen: 30.57 ng
 RT: 22.11 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 270621
 Ion Ratio Lower Upper
 252 100
 254 63.8 53.1 79.7
 126 11.5 7.0 10.4#

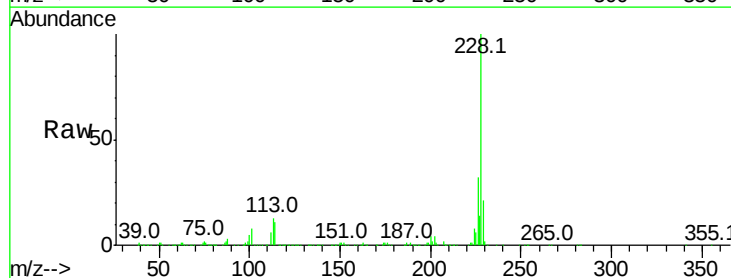


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

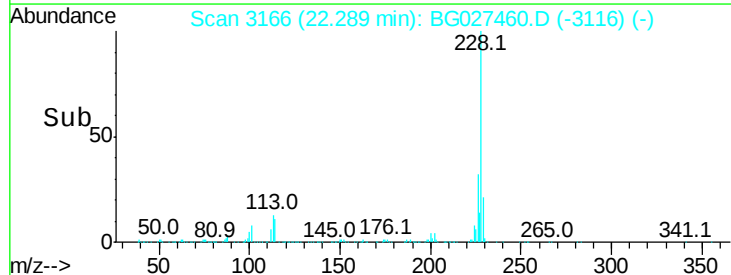
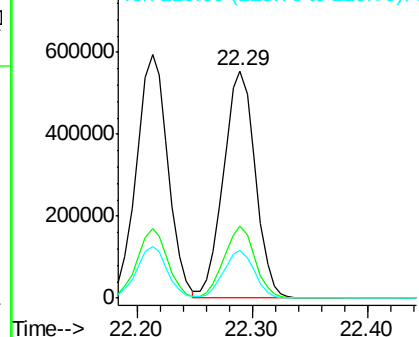


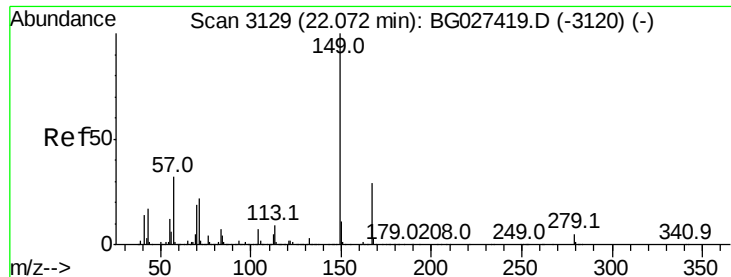
#82
 Chrysene
 Concen: 47.22 ng
 RT: 22.29 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion:228 Resp: 1052505
 Ion Ratio Lower Upper
 228 100
 226 31.8 27.0 40.4
 229 21.2 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: 51.08 ng

RT: 22.07 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

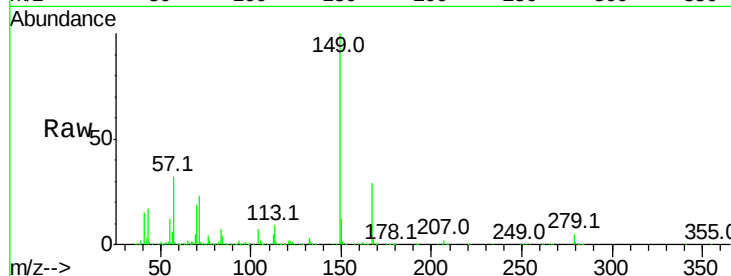
Tot Ion:149 Resp: 688872

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.7	35.5
279	5.4	4.6	6.8

149 100

167 28.6 23.7 35.5

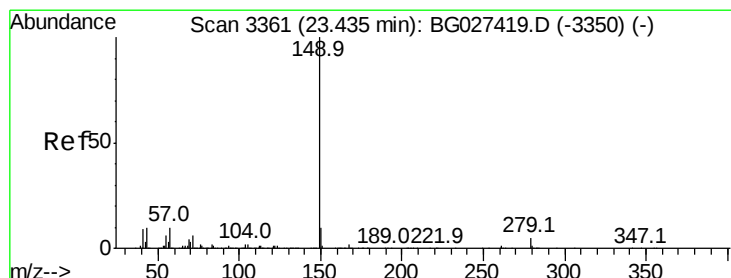
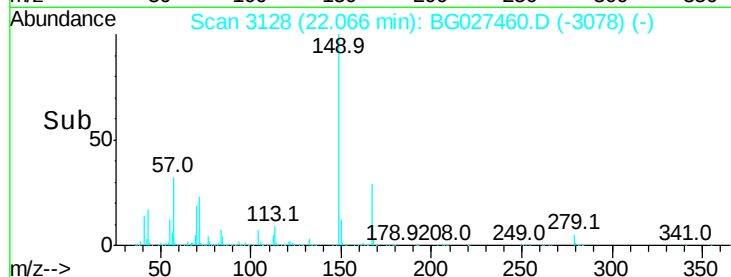
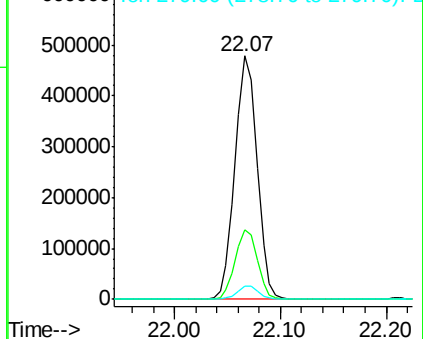
279 5.4 4.6 6.8



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: 51.79 ng

RT: 23.43 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

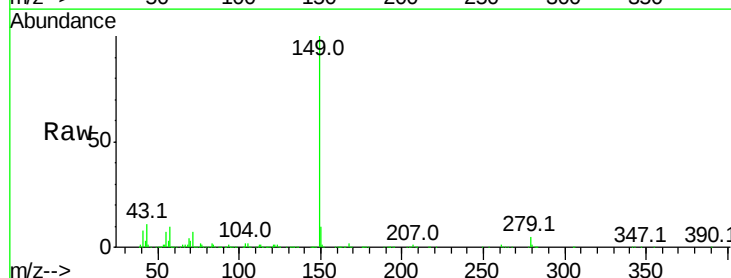
Tgt Ion:149 Resp: 1170684

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.8	11.8	17.6

149 100

167 1.7 1.4 2.2

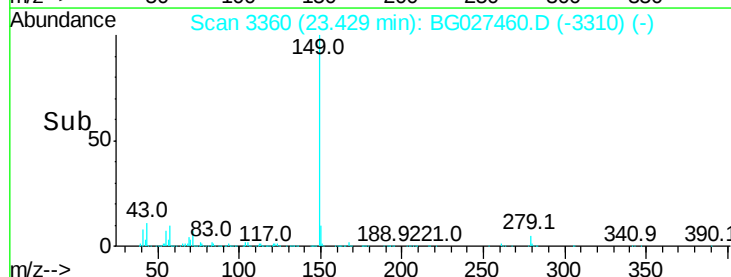
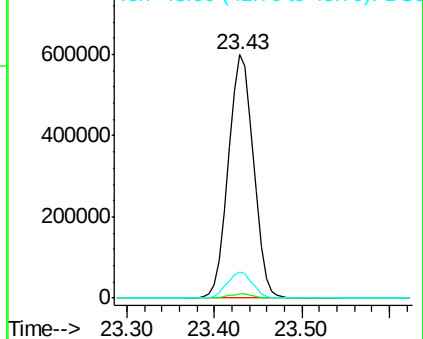
43 10.8 11.8 17.6

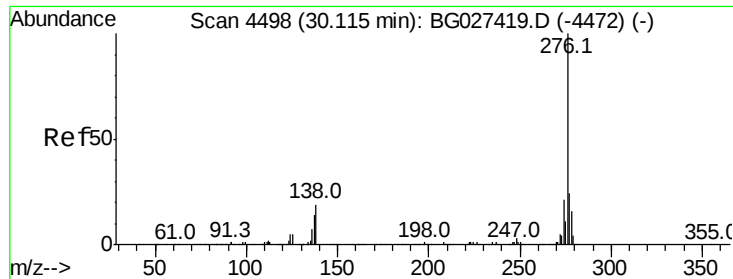


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0



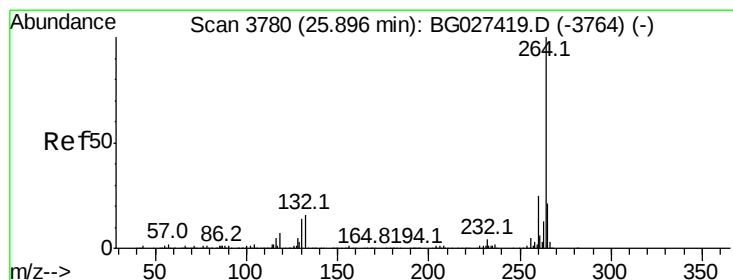
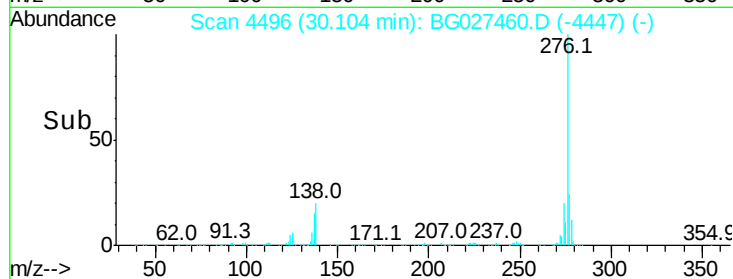
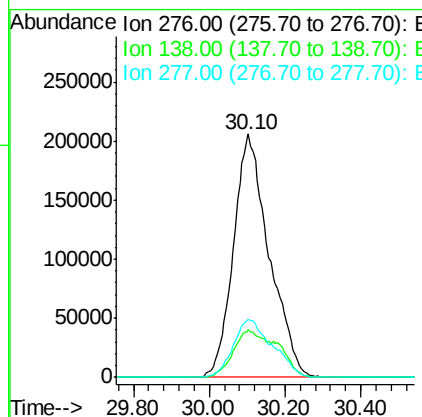
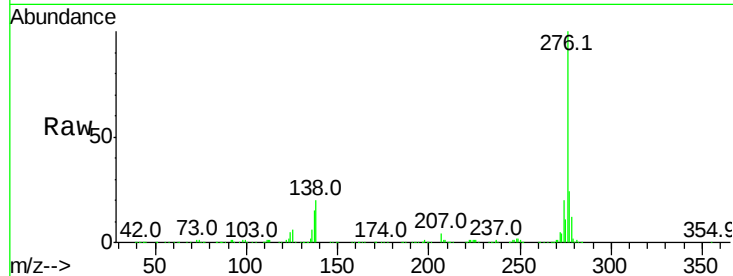


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.84 ng
 RT: 30.10 min Scan# 4496
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1347004

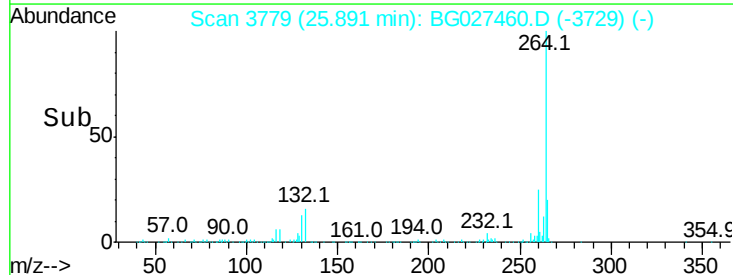
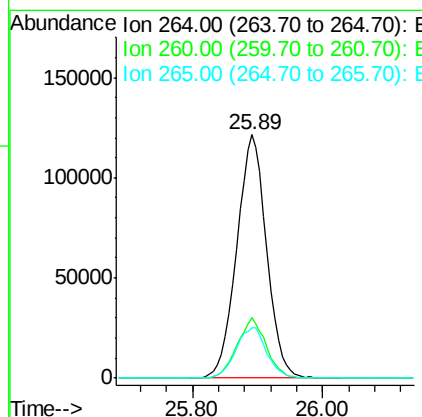
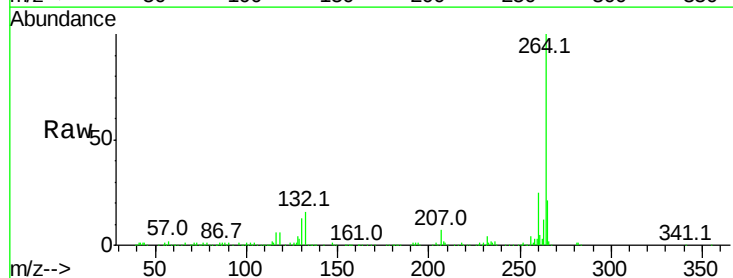
Ion	Ratio	Lower	Upper
276	100		
138	24.1	4.7	7.1#
277	26.1	20.6	31.0

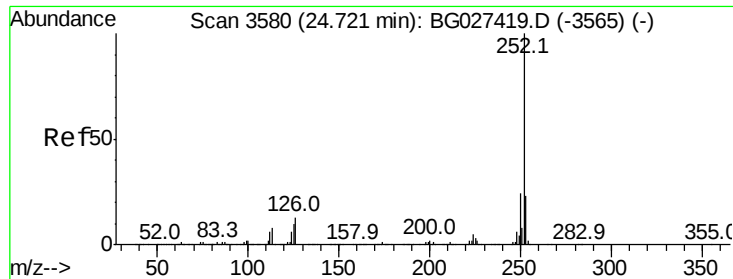


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.89 min Scan# 3779
 Delta R.T. -0.01 min
 Lab File: BG027460.D
 Acq: 16 Jun 2017 2:59

Tgt Ion:264 Resp: 383678

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	20.6	18.2	27.4

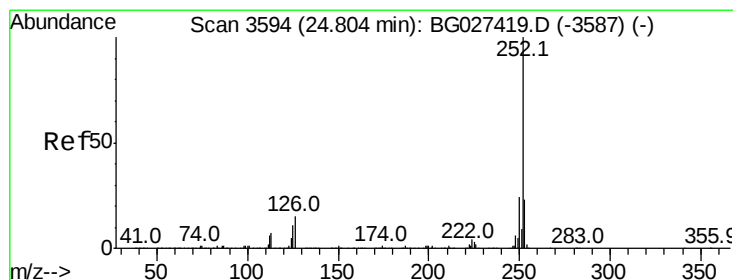
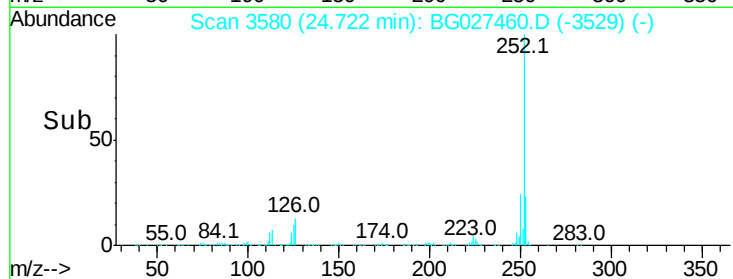
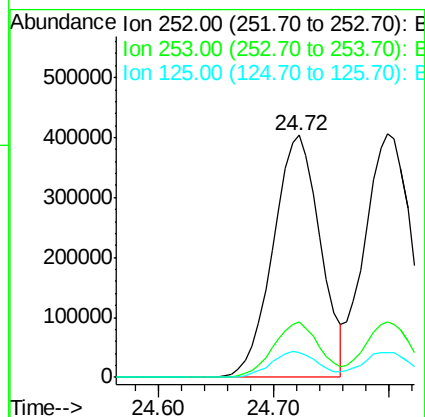
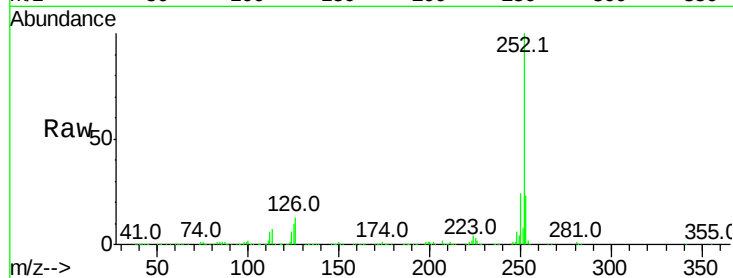




#87
Benzo(b)fluoranthene
Concen: 47.11 ng
RT: 24.72 min Scan# 3580
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

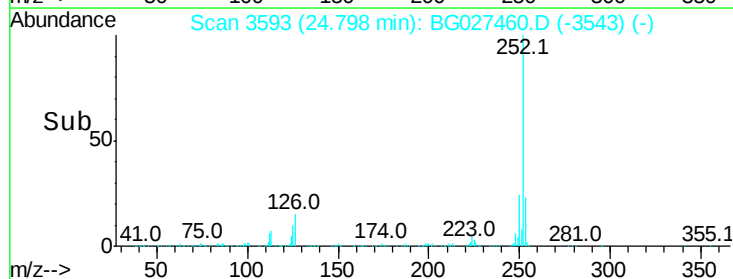
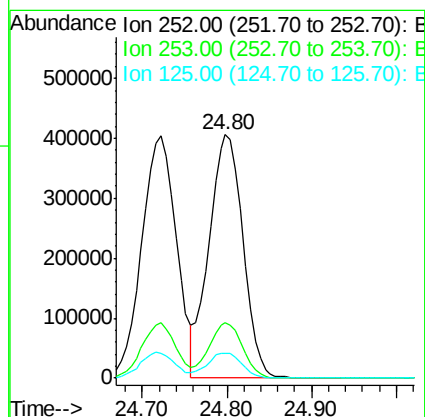
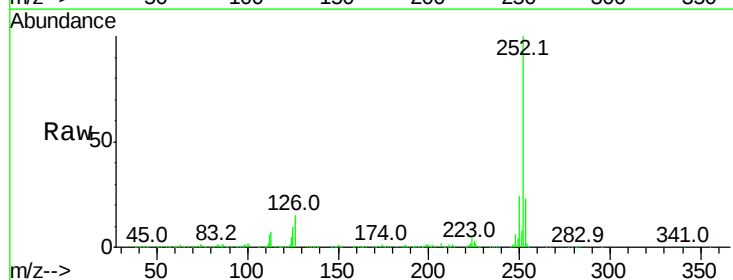
Instrument :
BNA_G
ClientSampleId :

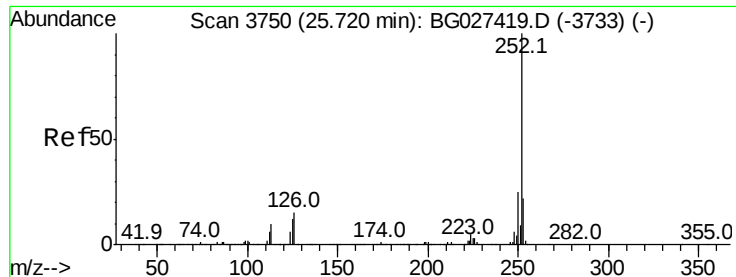
Tot Ion:252 Resp: 1145451
Ion Ratio Lower Upper
252 100
253 22.9 18.7 28.1
125 10.4 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 47.50 ng
RT: 24.80 min Scan# 3593
Delta R.T. -0.01 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:252 Resp: 1136069
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 10.3 5.1 7.7#

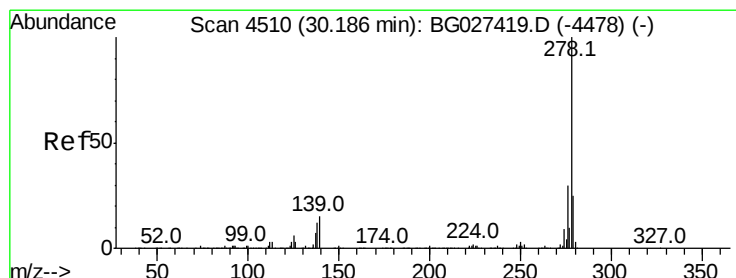
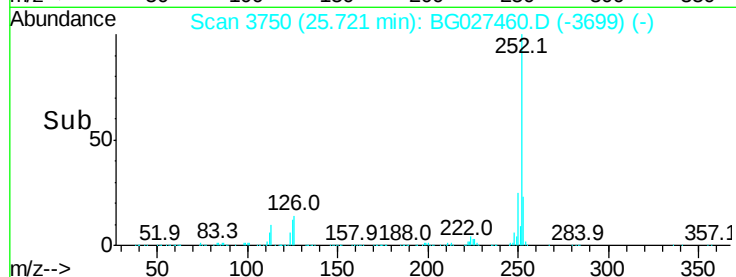
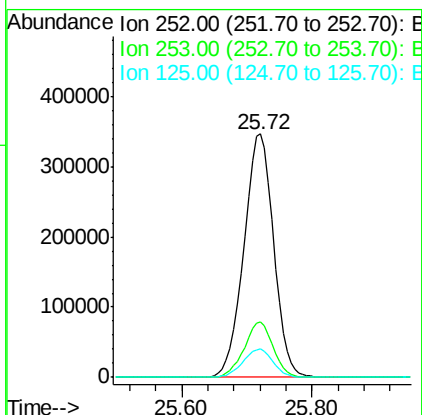
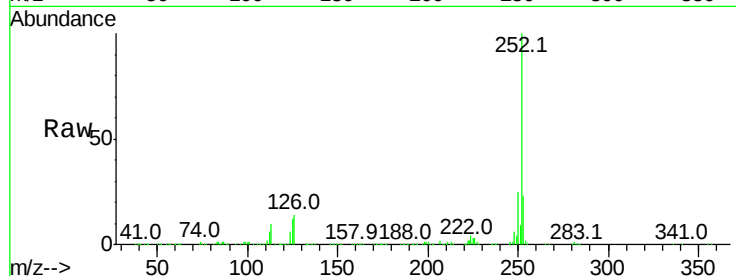




#89
Benzo(a)pyrene
Concen: 48.00 ng
RT: 25.72 min Scan# 3750
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

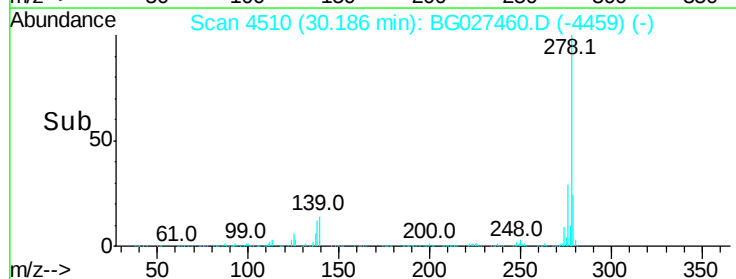
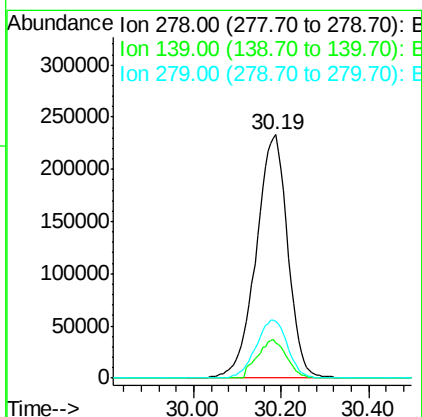
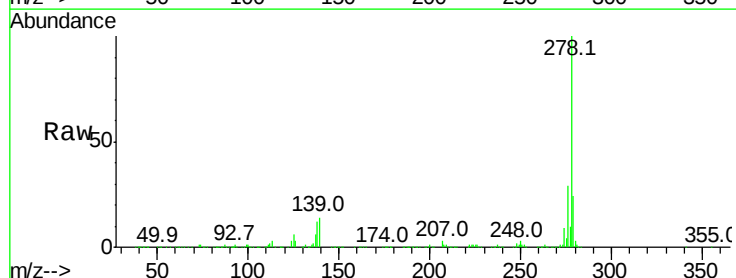
Instrument :
BNA_G
ClientSampleId :

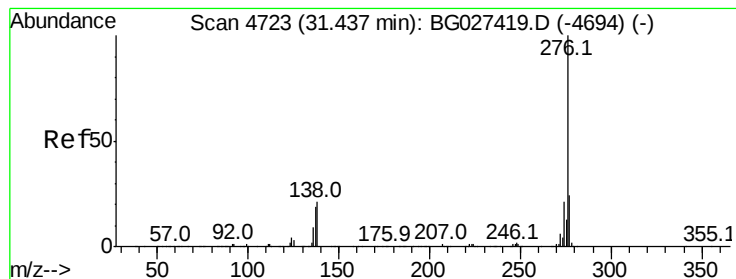
Tot Ion:252 Resp: 1093983
Ion Ratio Lower Upper
252 100
253 22.9 19.2 28.8
125 11.5 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 47.16 ng
RT: 30.19 min Scan# 4510
Delta R.T. 0.00 min
Lab File: BG027460.D
Acq: 16 Jun 2017 2:59

Tgt Ion:278 Resp: 1155833
Ion Ratio Lower Upper
278 100
139 14.3 7.7 11.5#
279 23.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 47.00 ng

RT: 31.44 min Scan# 4723

Delta R.T. 0.00 min

Lab File: BG027460.D

Acq: 16 Jun 2017 2:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1098816

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 20.0 8.1 12.1#

