

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027584.D
 Acq On : 22 Jun 2017 7:05
 Operator : SJ/JU
 Sample : PB99997BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 07:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	20124	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	98054	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	66955	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	182863	20.00	ng	0.00
75) Chrysene-d12	22.21	240	205926	20.00	ng	0.00
86) Perylene-d12	25.84	264	191308	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	164043	116.02	ng	0.00
7) Phenol-d6	7.64	99	239169	114.26	ng	0.00
23) Nitrobenzene-d5	9.66	82	148211	71.52	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	124176	124.40	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	349646	71.33	ng	0.00
78) Terphenyl-d14	20.41	244	691746	79.15	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	4.09	88	14847	27.05	ng	96
3) Pyridine	4.47	79	47863	26.93	ng	# 79
4) n-Nitrosodimethylamine	4.38	42	27362	33.74	ng	# 72
6) Aniline	7.83	93	80700	31.59	ng	96
8) 2-Chlorophenol	8.07	128	57109	38.17	ng	96
9) Benzaldehyde	7.65	77	35933	25.26	ng	92
10) Phenol	7.67	94	81040	38.00	ng	94
11) bis(2-Chloroethyl)ether	7.91	93	55201	33.07	ng	90
12) 1,3-Dichlorobenzene	8.40	146	51982	32.91	ng	98
13) 1,4-Dichlorobenzene	8.54	146	52408	32.87	ng	99
14) 1,2-Dichlorobenzene	8.86	146	52721	33.65	ng	94
15) Benzyl Alcohol	8.73	79	65322	39.08	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.01	45	84456	30.50	ng	93
17) 2-Methylphenol	8.92	107	54449	36.29	ng	92
18) Hexachloroethane	9.59	117	20401	32.63	ng	89
19) n-Nitroso-di-n-propylamine	9.29	70	53047	31.90	ng	90
20) 3+4-Methylphenols	9.24	107	75445	36.72	ng	91
22) Acetophenone	9.32	105	93251	34.68	ng	# 89
24) Nitrobenzene	9.71	77	75776	33.36	ng	95
25) Isophorone	10.23	82	147914	34.74	ng	98
26) 2-Nitrophenol	10.42	139	29493	35.10	ng	93
27) 2,4-Dimethylphenol	10.46	122	64359	40.56	ng	98
28) bis(2-Chloroethoxy)methane	10.70	93	82696	34.46	ng	97
29) 2,4-Dichlorophenol	10.96	162	56331	41.10	ng	91
30) 1,2,4-Trichlorobenzene	11.18	180	55404	35.36	ng	96
31) Naphthalene	11.37	128	179452	33.86	ng	98
32) Benzoic acid	10.56	122	41234	38.37	ng	96
33) 4-Chloroaniline	11.47	127	55905	24.87	ng	95
34) Hexachlorobutadiene	11.64	225	33147	35.01	ng	98
35) Caprolactam	12.24	113	14999	23.48	ng	# 80
36) 4-Chloro-3-methylphenol	12.55	107	88315	42.02	ng	99
37) 2-Methylnaphthalene	12.94	142	139497	36.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	70642	33.64	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	94552	84.01	ng	99

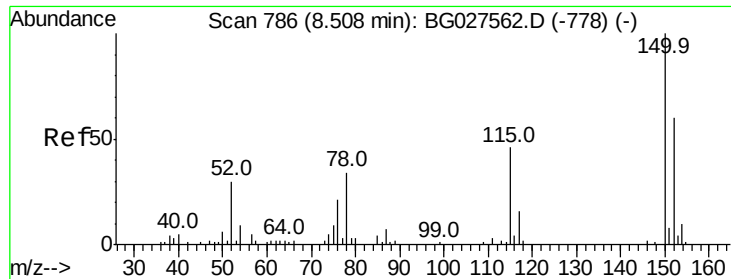
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
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 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	53354	39.32	nq	97
43) 2,4,5-Trichlorophenol	13.60	196	60131	37.72	nq	95
45) 1,1'-Biphenyl	13.92	154	191398	34.28	nq	98
46) 2-Chloronaphthalene	13.98	162	143102	34.46	nq	95
47) 2-Nitroaniline	14.17	65	69361	37.21	nq	97
48) Acenaphthylene	14.82	152	242053	33.27	nq	97
49) Dimethylphthalate	14.52	163	220666	37.64	nq	96
50) 2,6-Dinitrotoluene	14.65	165	49481	38.90	nq	95
51) Acenaphthene	15.15	154	197225	38.90	nq	99
52) 3-Nitroaniline	14.99	138	38112	28.38	nq	99
53) 2,4-Dinitrophenol	15.19	184	59388	82.60	nq	# 88
54) Dibenzofuran	15.48	168	248242	37.59	nq	98
55) 4-Nitrophenol	15.28	139	89672	79.76	nq	# 79
56) 2,4-Dinitrotoluene	15.43	165	74811	41.47	nq	# 96
57) Fluorene	16.13	166	218647	34.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.70	232	61210	43.60	nq	91
59) Diethylphthalate	15.88	149	242611	37.93	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	111010	36.07	nq	94
61) 4-Nitroaniline	16.15	138	58574	39.76	nq	# 85
62) Azobenzene	16.40	77	252480	38.49	nq	93
64) 4,6-Dinitro-2-methylphenol	16.20	198	42477	36.58	nq	77
65) n-Nitrosodiphenylamine	16.33	169	198314	35.38	nq	100
66) 4-Bromophenyl-phenylether	17.01	248	72449	36.02	nq	# 87
67) Hexachlorobenzene	17.14	284	76543	35.61	nq	97
68) Atrazine	17.26	200	79023	38.48	nq	98
69) Pentachlorophenol	17.48	266	101532	76.05	nq	96
70) Phenanthrene	17.88	178	376938	36.23	nq	# 92
71) Anthracene	17.97	178	379651	36.25	nq	94
72) Carbazole	18.24	167	337252	33.05	nq	96
73) Di-n-butylphthalate	18.76	149	424778	37.15	nq	# 95
74) Fluoranthene	19.87	202	442461	36.51	nq	93
76) Benzidine	20.04	184	224932	44.50	nq	98
77) Pyrene	20.23	202	457873	36.58	nq	94
79) Butylbenzylphthalate	21.11	149	196537	37.62	nq	97
80) Benzo(a)anthracene	22.19	228	445367	36.05	nq	93
81) 3,3'-Dichlorobenzidine	22.08	252	120460	26.97	nq	98
82) Chrysene	22.26	228	417309	35.65	nq	93
83) Bis(2-ethylhexyl)phthalate	22.04	149	280004	36.56	nq	97
84) Di-n-octyl phthalate	23.39	149	481138	37.77	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.03	276	504736	37.83	nq	# 94
87) Benzo(b)fluoranthene	24.67	252	439226	35.91	nq	# 95
88) Benzo(k)fluoranthene	24.75	252	440093	36.78	nq	# 92
89) Benzo(a)pyrene	25.67	252	424738	36.79	nq	# 94
90) Dibenzo(a,h)anthracene	30.10	278	433324	36.85	nq	# 96
91) Benzo(g,h,i)perylene	31.34	276	416799	36.50	nq	# 90

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

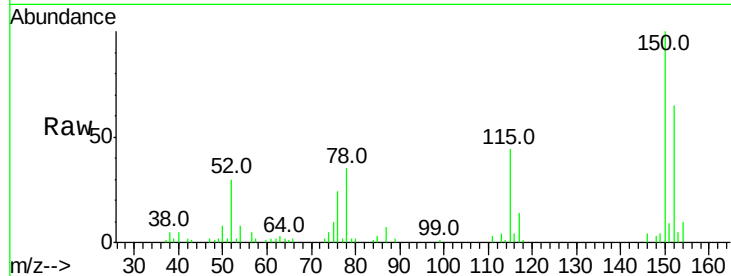


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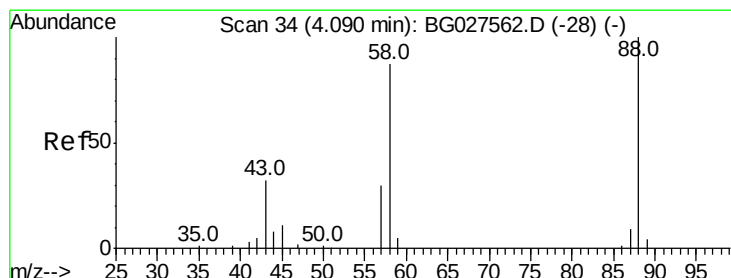
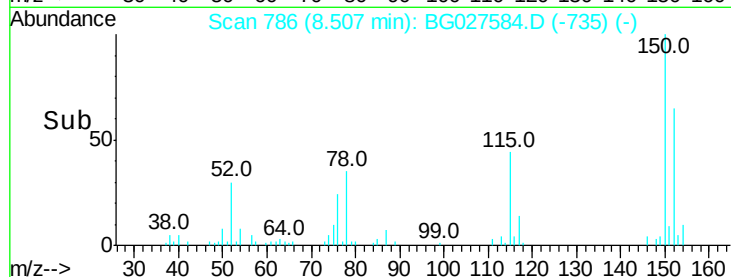
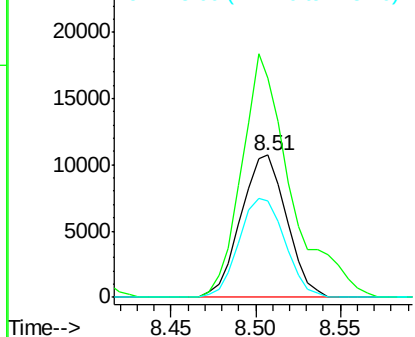
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20124
Ion Ratio Lower Upper
152 100
150 154.6 114.0 171.0
115 67.6 48.1 72.1



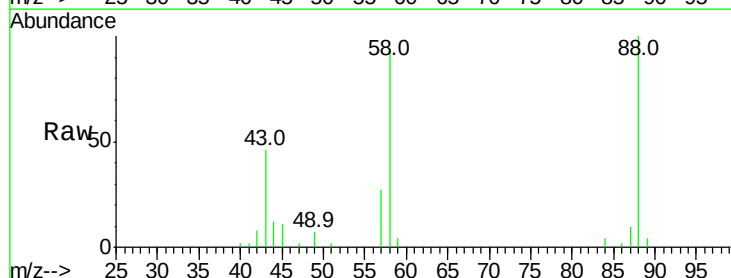
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



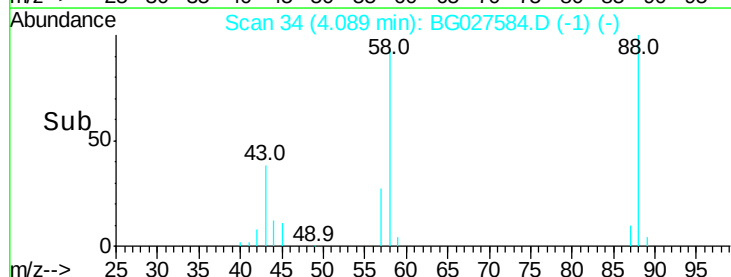
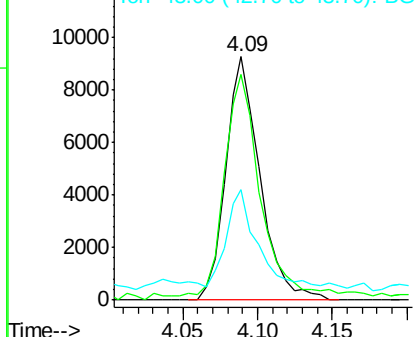
#2

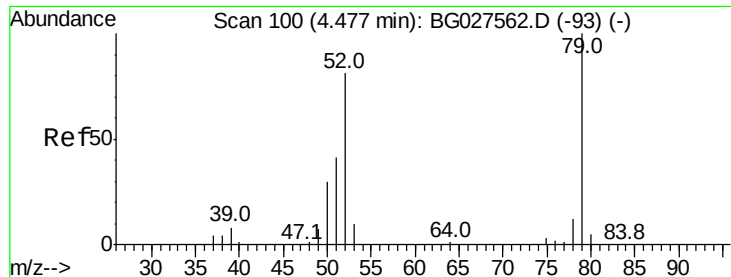
1,4-Dioxane
Concen: 27.05 ng
RT: 4.09 min Scan# 34
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion: 88 Resp: 14847
Ion Ratio Lower Upper
88 100
58 98.0 79.4 119.2
43 35.3 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: 26.93 ng

RT: 4.47 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

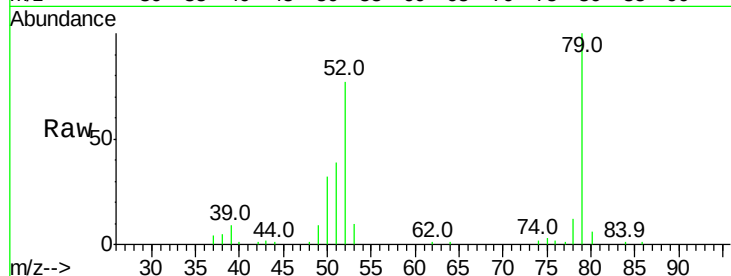
Tot Ion: 79 Resp: 47863

Ion Ratio Lower Upper

79 100

52 77.5 77.8 116.6#

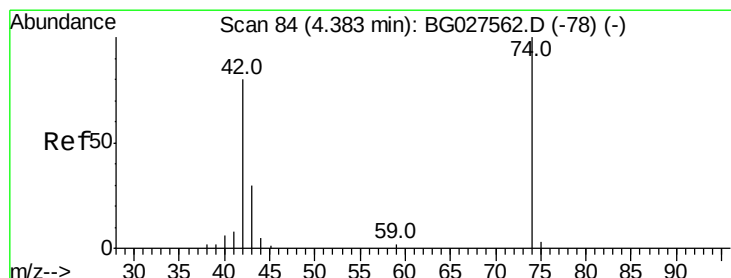
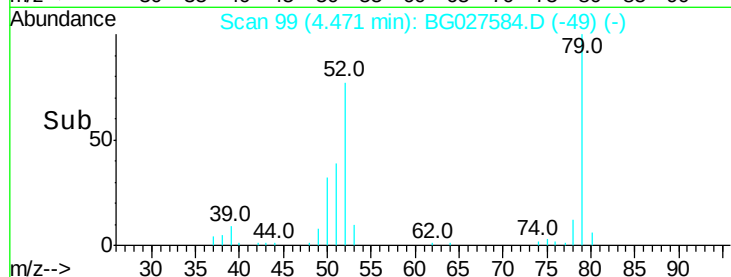
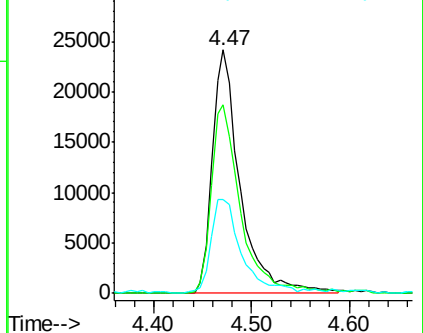
51 38.5 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.74 ng

RT: 4.38 min Scan# 84

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

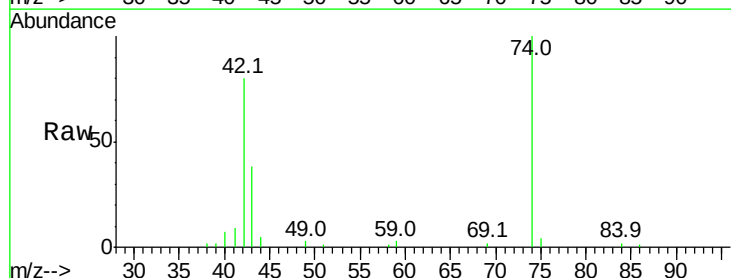
Tgt Ion: 42 Resp: 27362

Ion Ratio Lower Upper

42 100

74 124.8 76.7 115.1#

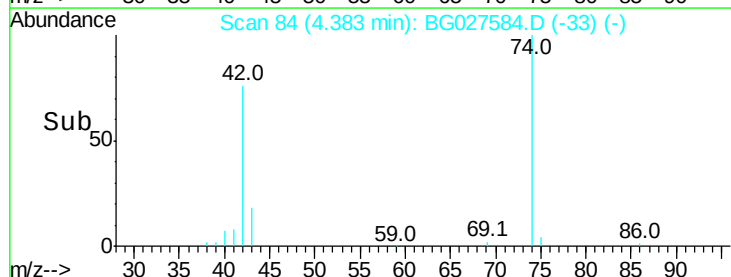
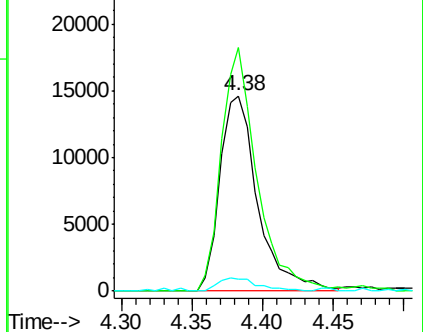
44 6.0 6.1 9.1#

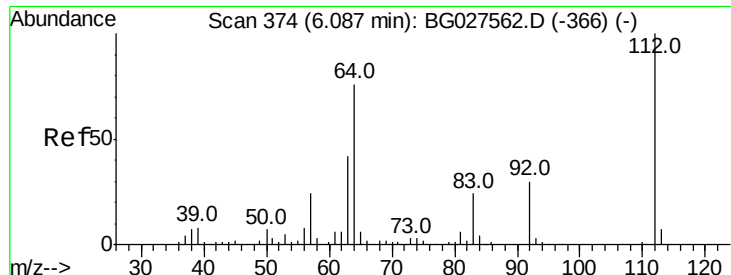


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

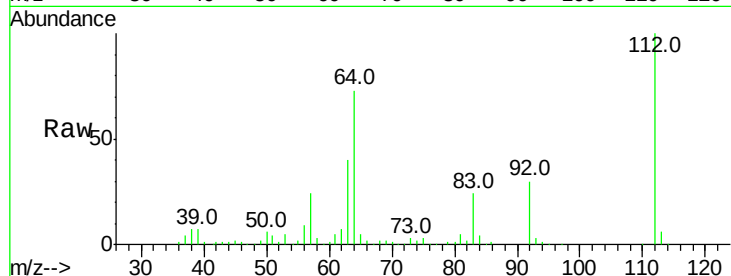




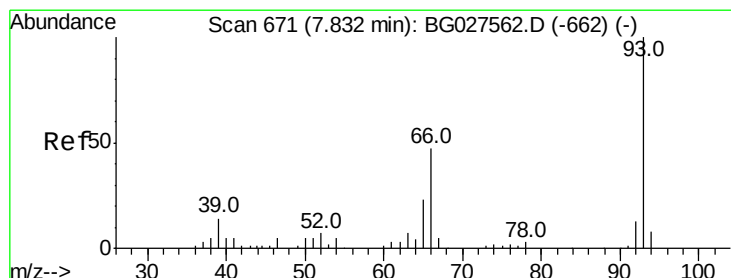
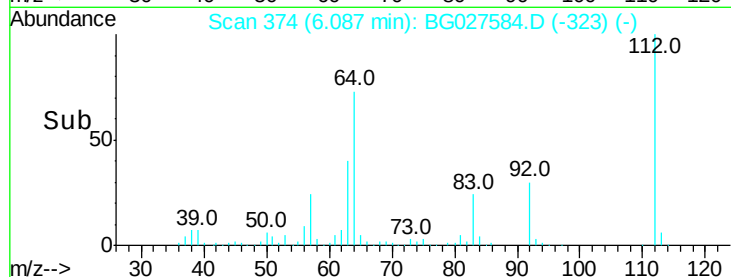
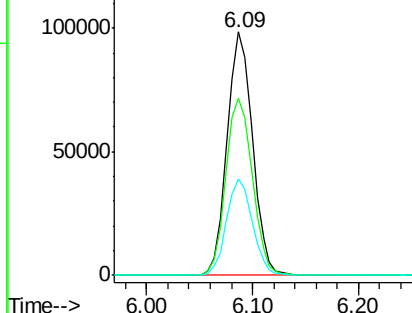
#5
 2-Fluorophenol
 Concen: 116.02 ng
 RT: 6.09 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	112	Resp:	164043
Ion Ratio	Lower	Upper	
112	100		
64	72.9	61.8	92.6
63	39.7	37.2	55.8

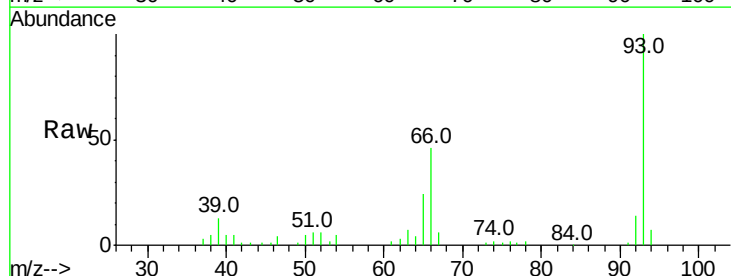


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

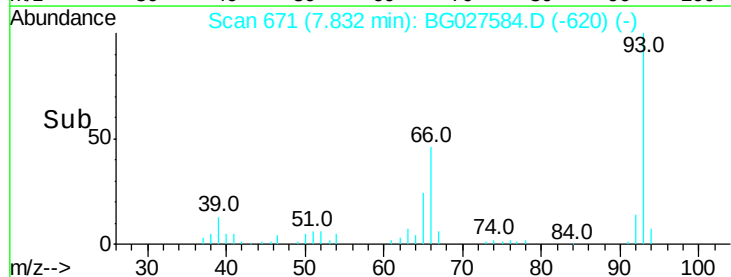
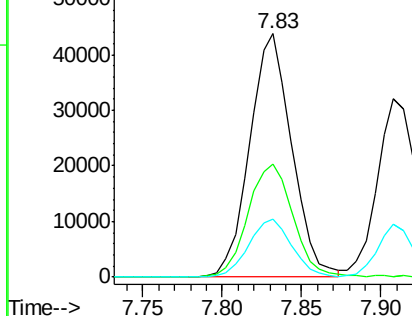


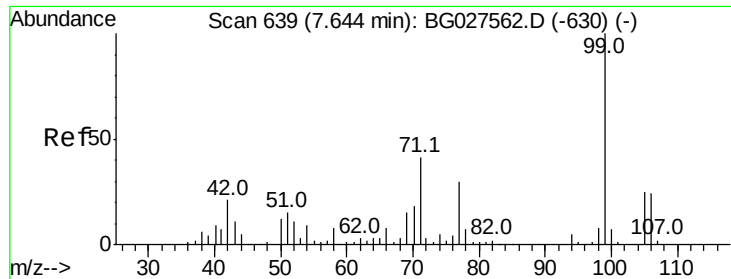
#6
 Aniline
 Concen: 31.59 ng
 RT: 7.83 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:	93	Resp:	80700
Ion Ratio	Lower	Upper	
93	100		
66	46.4	35.4	53.2
65	23.8	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: 114.26 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

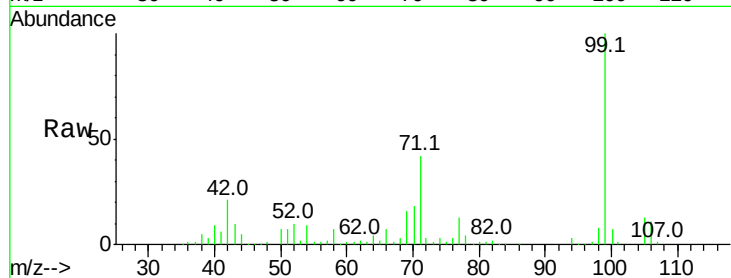
Tot Ion: 99 Resp: 239169

Ion Ratio Lower Upper

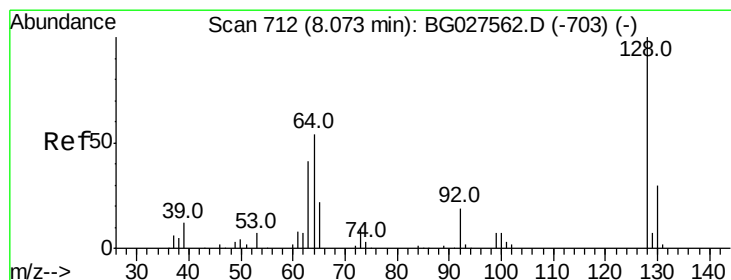
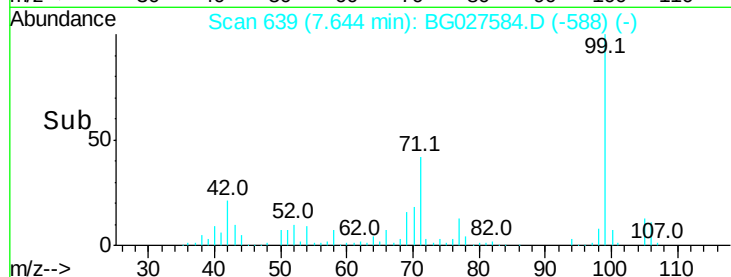
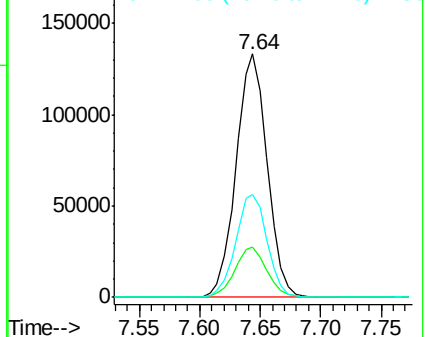
99 100

42 20.7 20.5 30.7

71 42.1 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: 38.17 ng

RT: 8.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

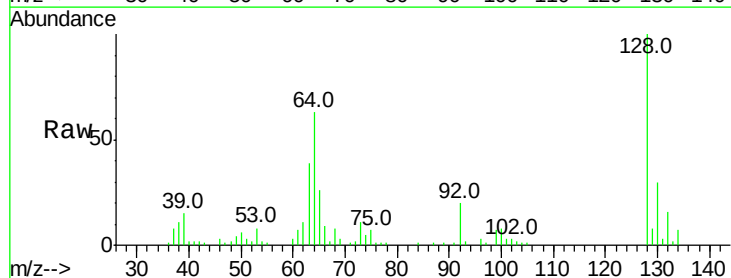
Tgt Ion: 128 Resp: 57109

Ion Ratio Lower Upper

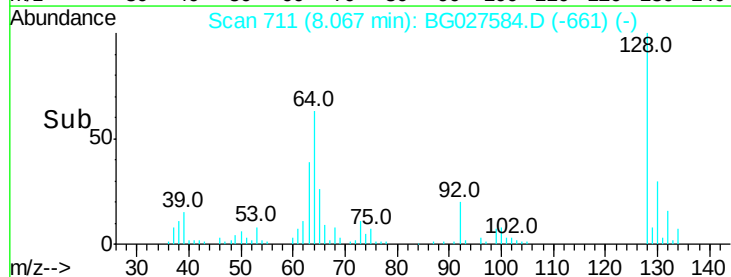
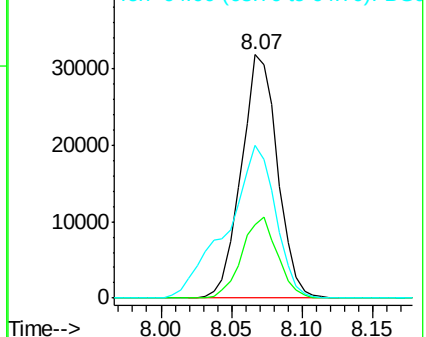
128 100

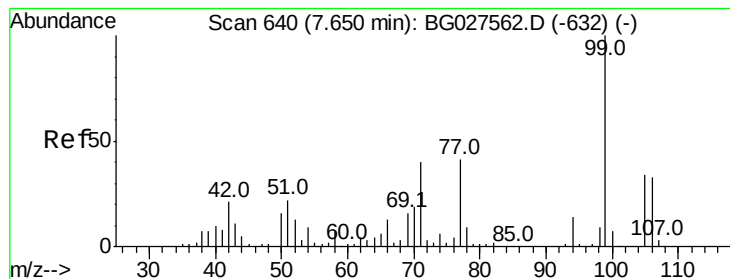
130 30.0 11.4 51.4

64 62.8 46.6 86.6



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





#9

Benzaldehyde

Concen: 25.26 ng

RT: 7.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampled :

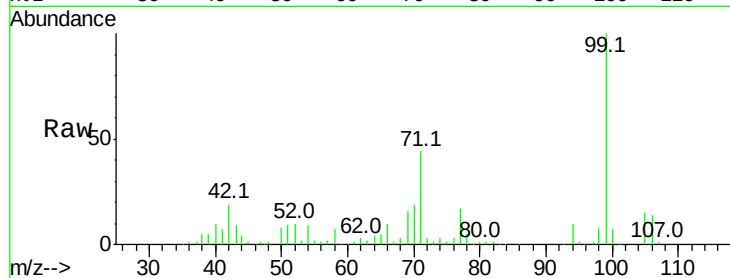
Tot Ion: 77 Resp: 35933

Ion Ratio Lower Upper

77 100

105 88.8 60.9 100.9

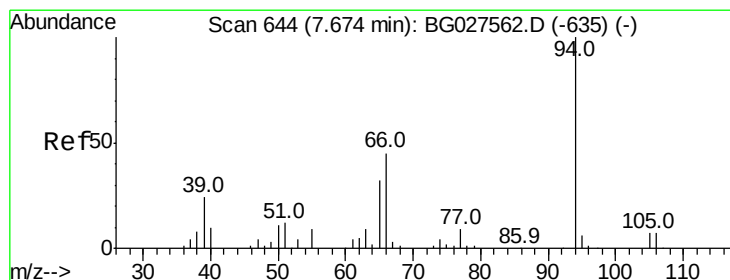
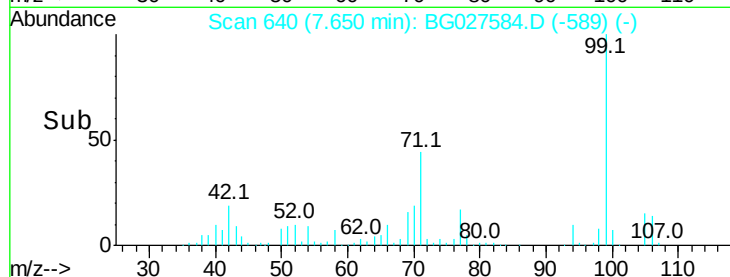
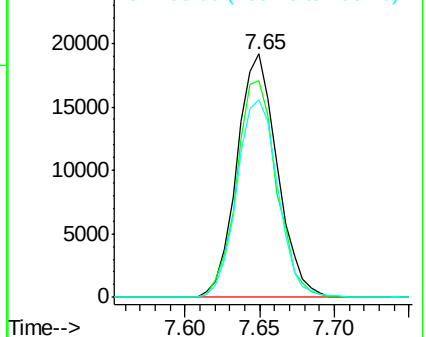
106 81.1 55.1 95.1



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: 38.00 ng

RT: 7.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

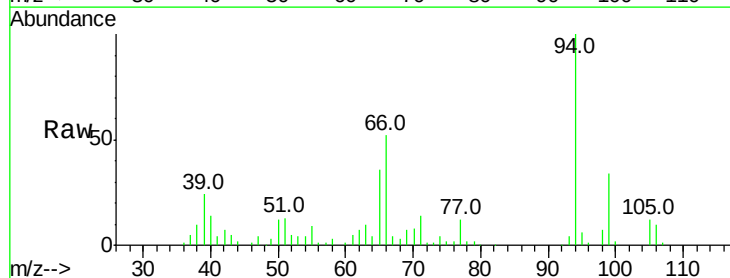
Tgt Ion: 94 Resp: 81040

Ion Ratio Lower Upper

94 100

65 35.5 20.6 60.6

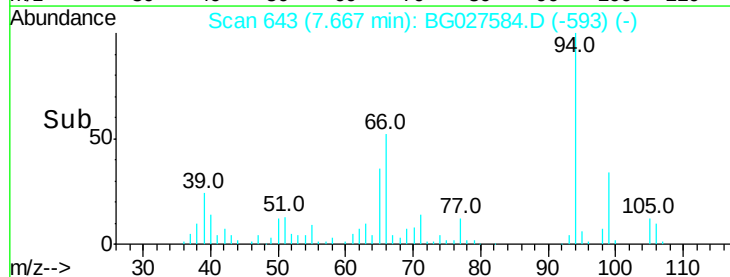
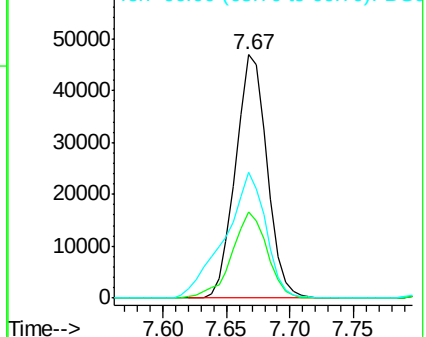
66 51.7 35.5 75.5

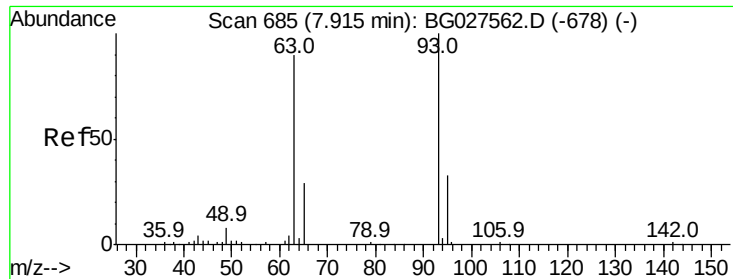


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.07 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampled :

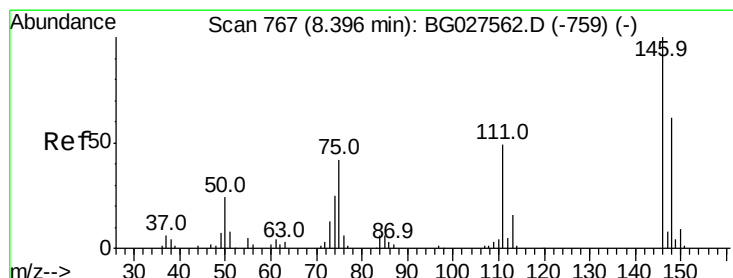
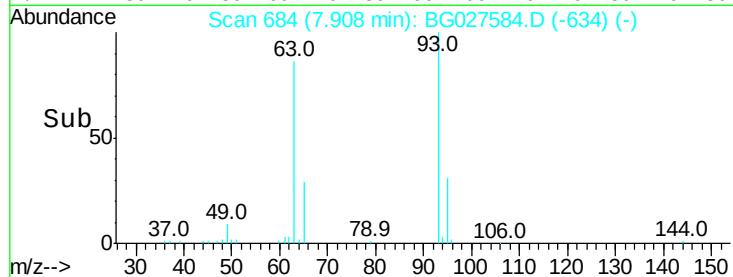
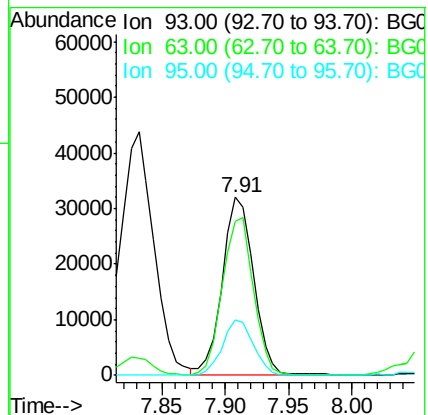
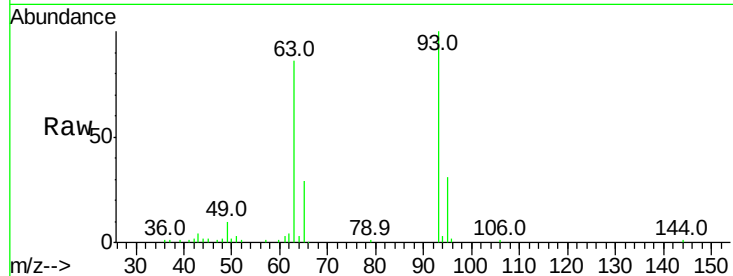
Tot Ion: 93 Resp: 55201

Ion Ratio Lower Upper

93 100

63 86.4 78.5 118.5

95 30.9 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 32.91 ng

RT: 8.40 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

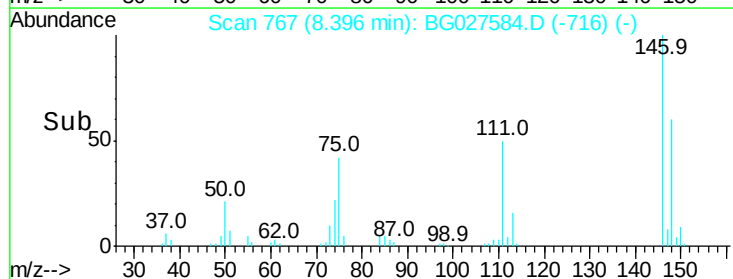
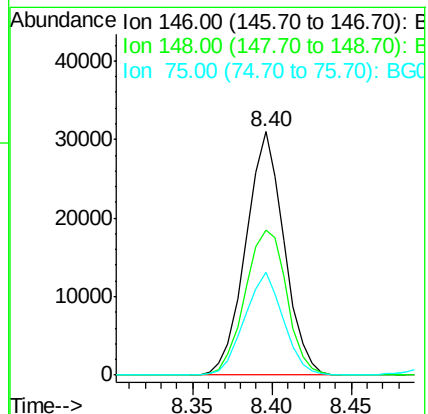
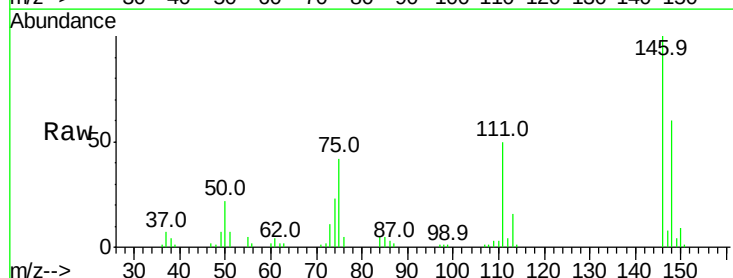
Tgt Ion: 146 Resp: 51982

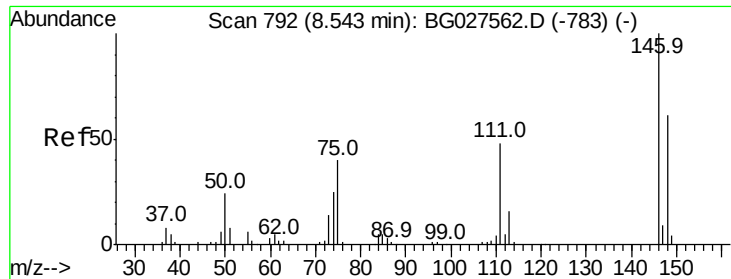
Ion Ratio Lower Upper

146 100

148 59.6 49.2 73.8

75 42.2 33.4 50.2

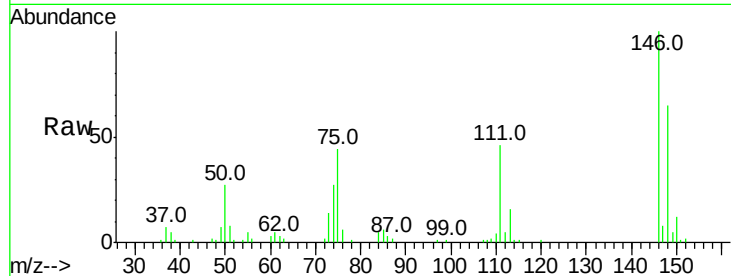




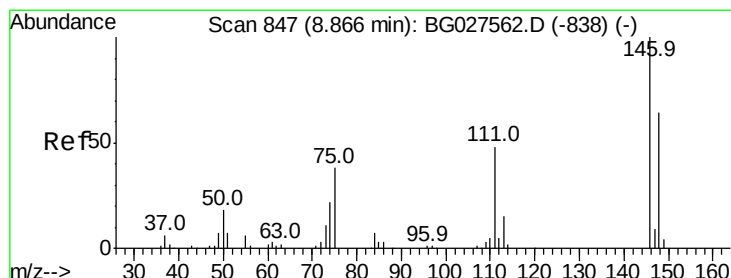
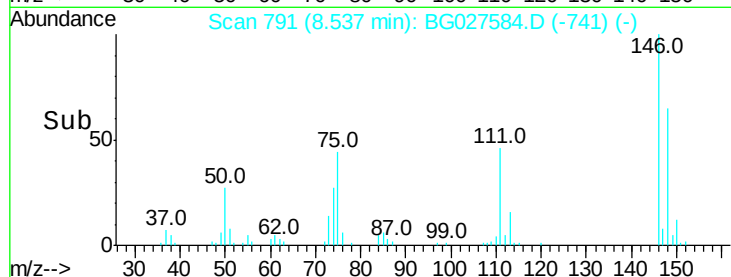
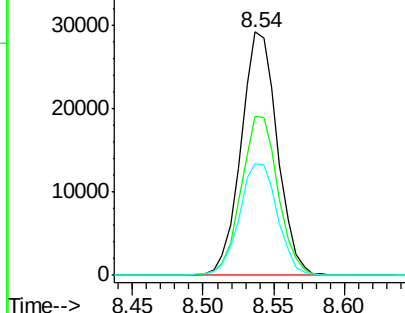
#13
 1,4-Dichlorobenzene
 Concen: 32.87 ng
 RT: 8.54 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 52408
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.2
 111 45.7 37.0 55.6

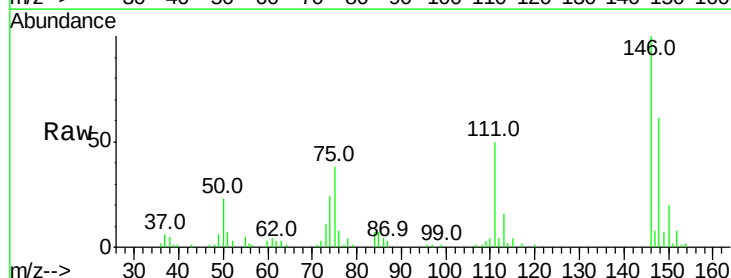


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

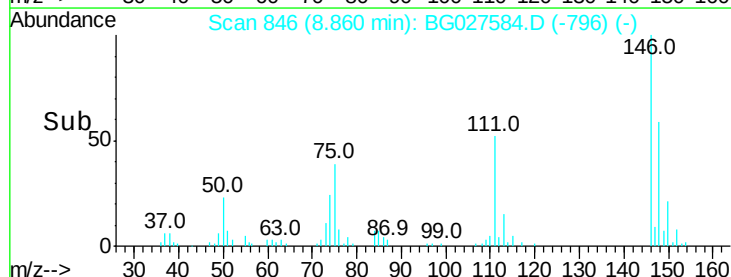
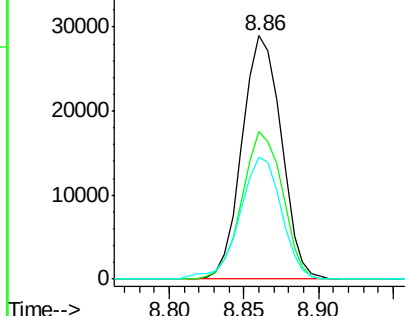


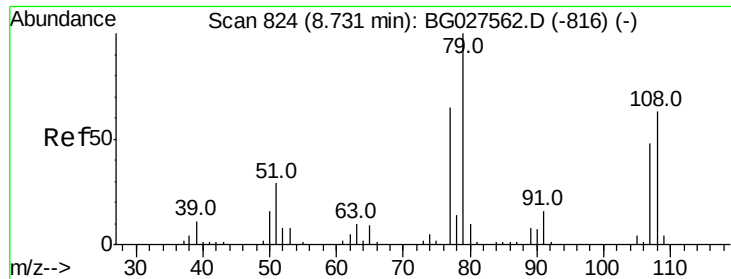
#14
 1,2-Dichlorobenzene
 Concen: 33.65 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:146 Resp: 52721
 Ion Ratio Lower Upper
 146 100
 148 60.6 54.6 81.8
 111 50.3 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.08 ng

RT: 8.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampled :

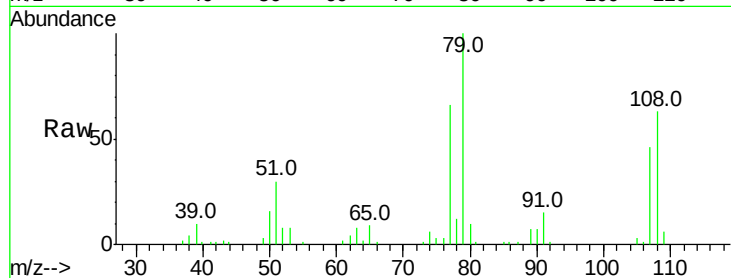
Tot Ion: 79 Resp: 65322

Ion Ratio Lower Upper

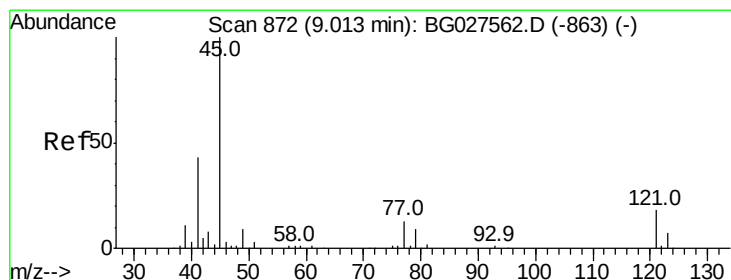
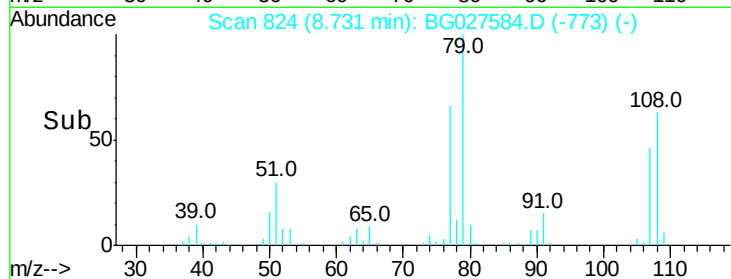
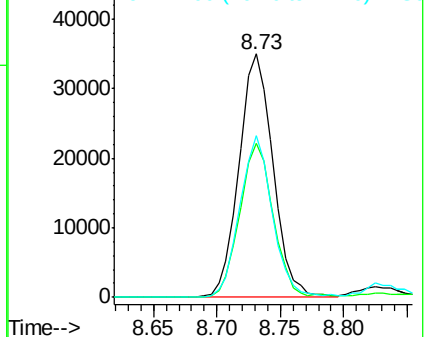
79 100

108 63.5 45.5 68.3

77 66.2 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.50 ng

RT: 9.01 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

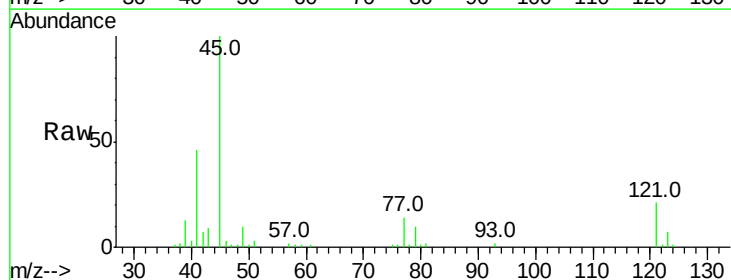
Tgt Ion: 45 Resp: 84456

Ion Ratio Lower Upper

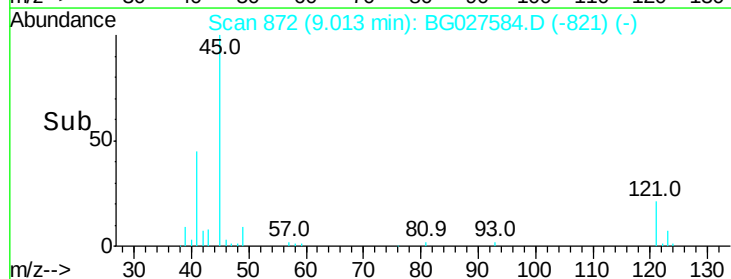
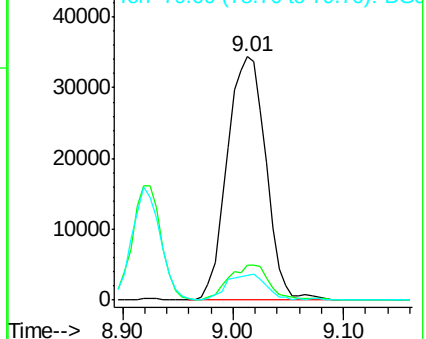
45 100

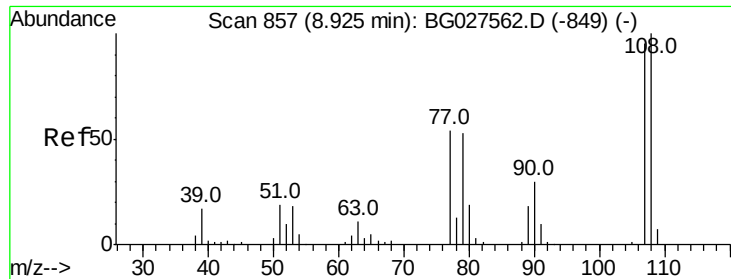
77 14.1 0.0 30.6

79 10.3 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

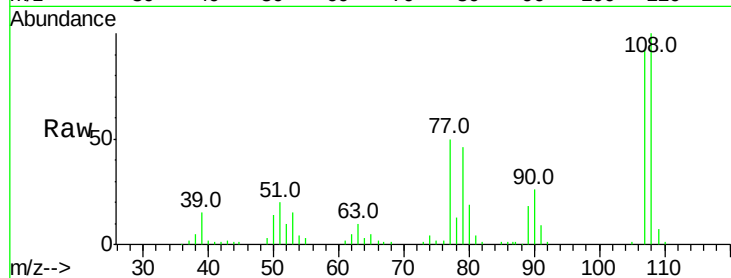




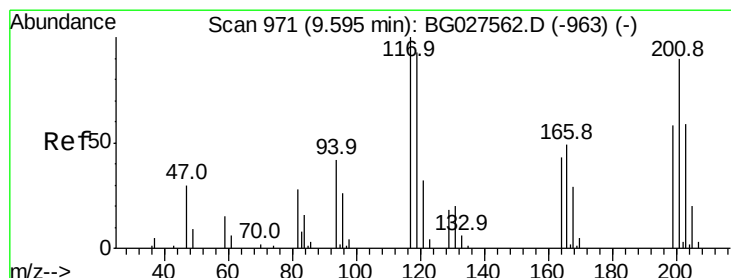
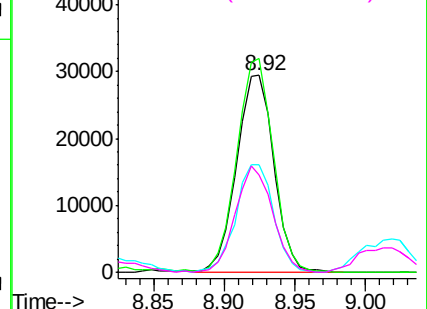
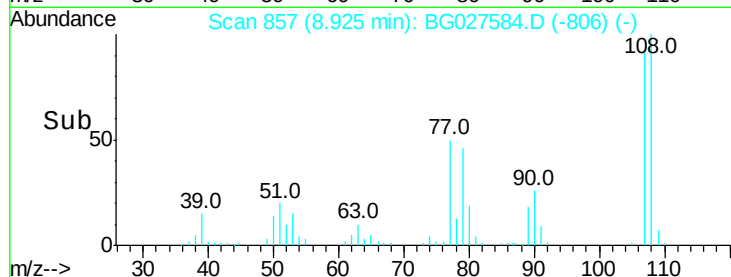
#17
2-Methylphenol
Concen: 36.29 ng
RT: 8.92 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	85.6	128.4
77	54.6	51.4	77.2
79	49.5	49.2	73.8

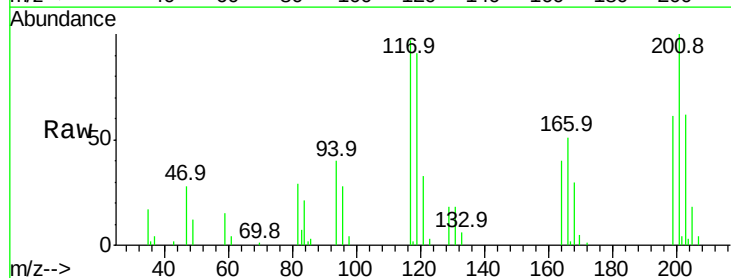


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

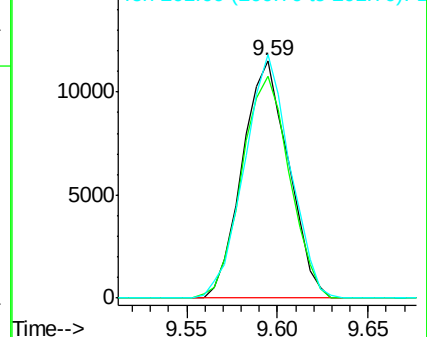
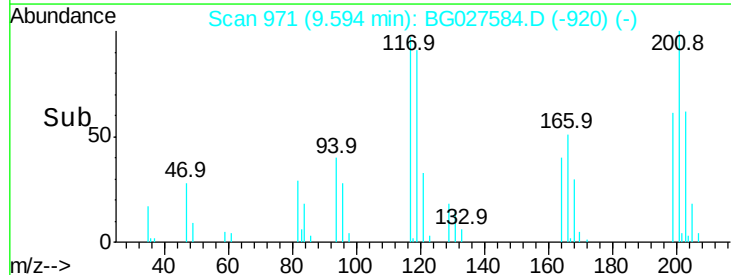


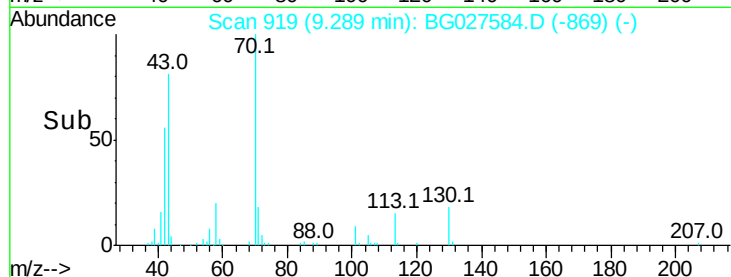
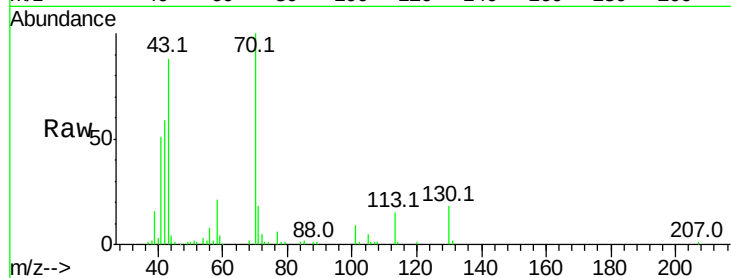
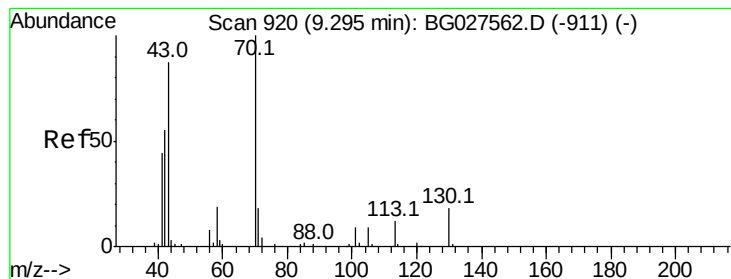
#18
Hexachloroethane
Concen: 32.63 ng
RT: 9.59 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	69.8	104.6
201	102.6	95.4	143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.90 ng

RT: 9.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 53047

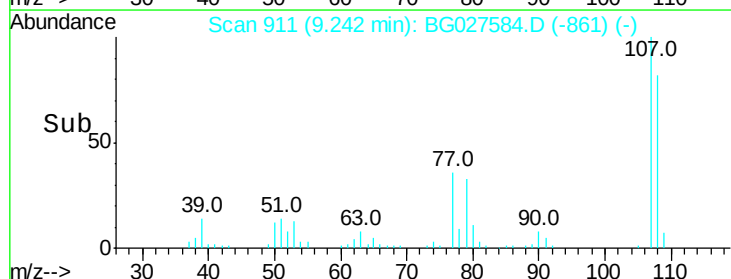
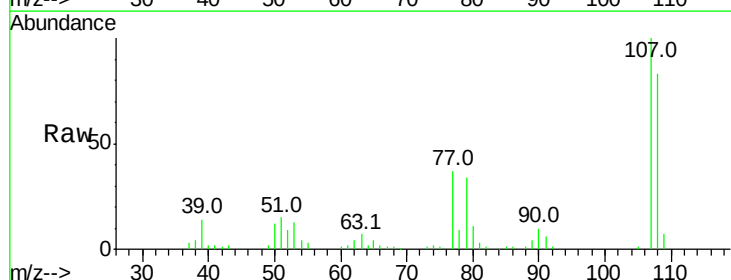
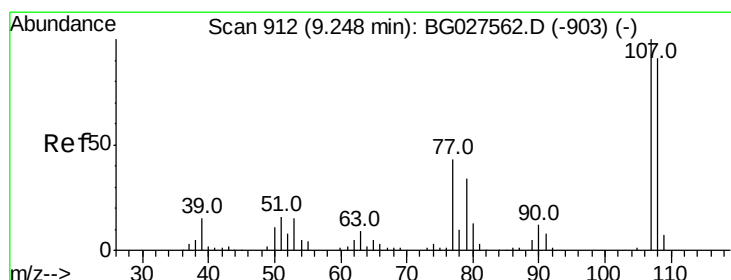
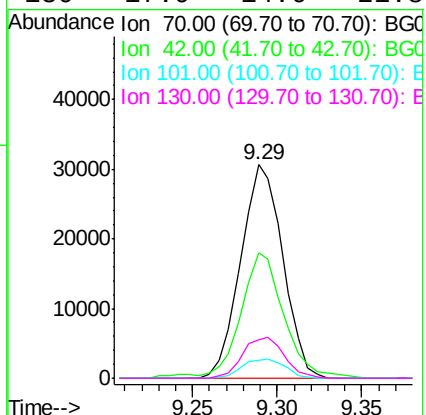
Ion Ratio Lower Upper

70 100

42 59.0 56.1 84.1

101 8.6 7.5 11.3

130 17.9 14.6 21.8



#20

3+4-Methylphenols

Concen: 36.72 ng

RT: 9.24 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Tgt Ion: 107 Resp: 75445

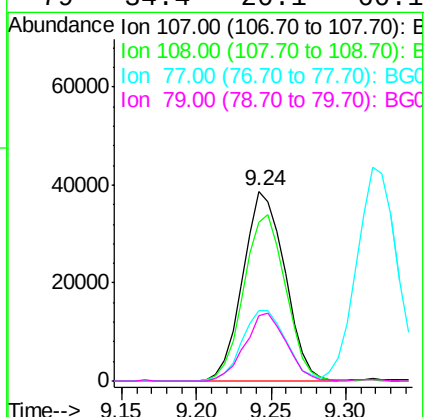
Ion Ratio Lower Upper

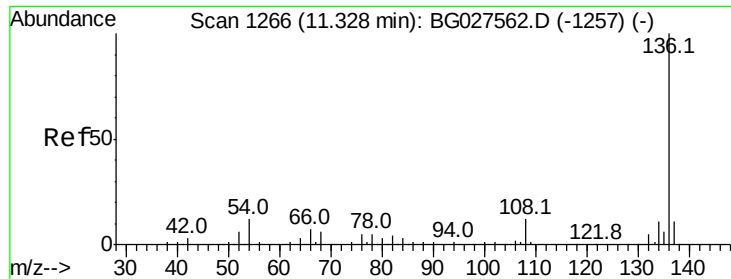
107 100

108 83.5 70.8 110.8

77 37.1 25.8 65.8

79 34.4 20.1 60.1

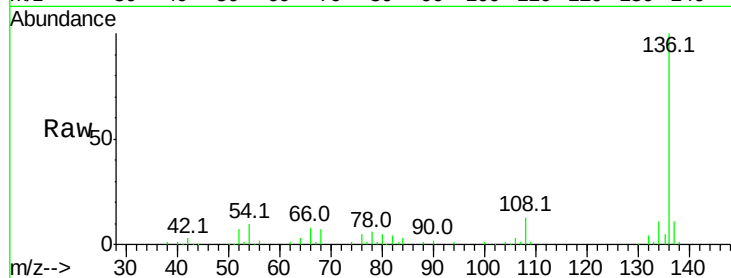




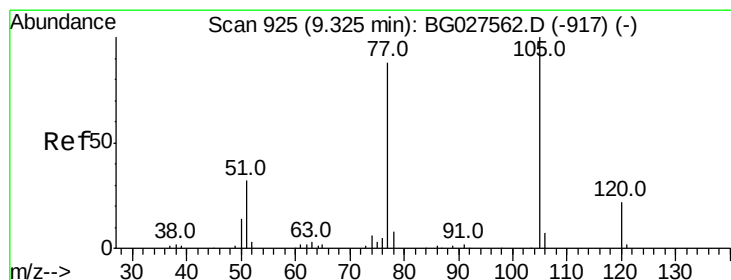
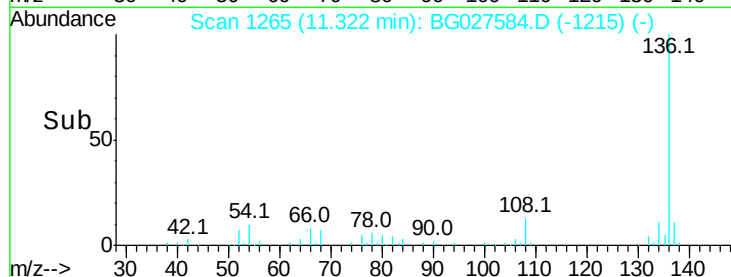
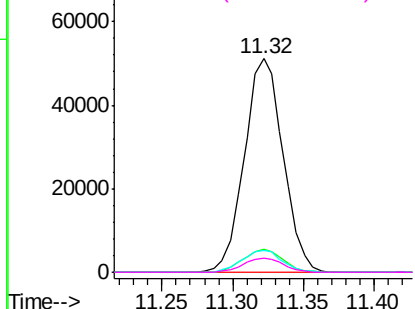
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	98054
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	10.2	9.3 13.9
68	6.6	5.1 7.7



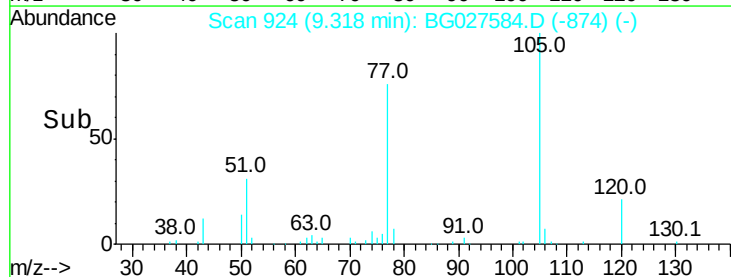
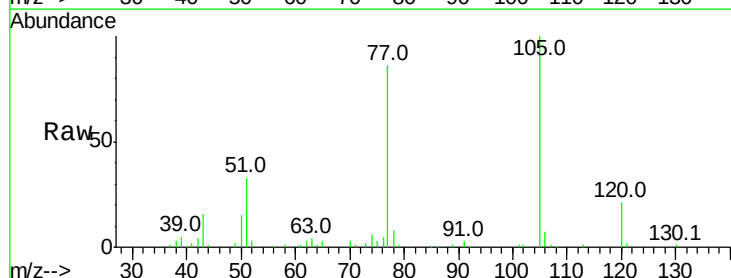
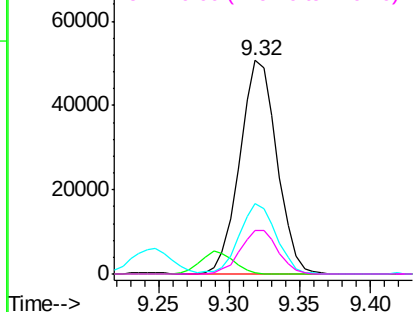
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

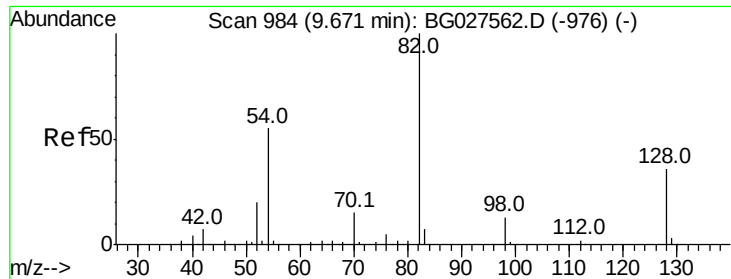


#22
Acetophenone
Concen: 34.68 ng
RT: 9.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:105	Resp:	93251
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.9 1.3#
51	32.8	34.0 51.0#
120	20.6	17.3 25.9

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

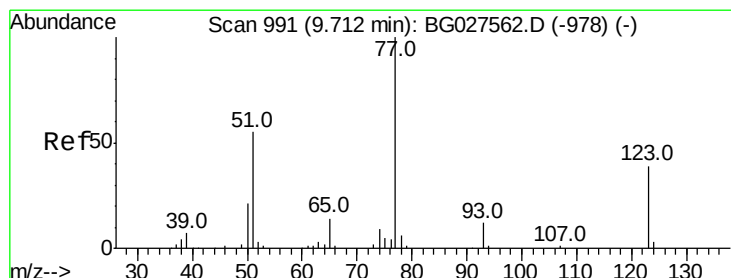
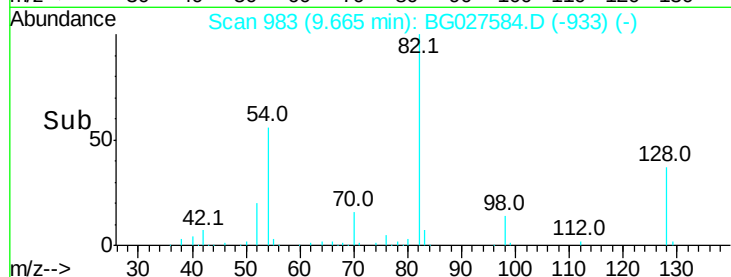
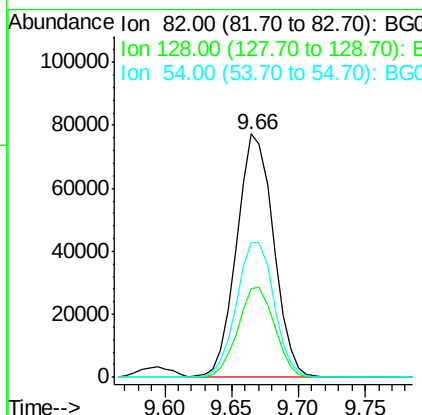
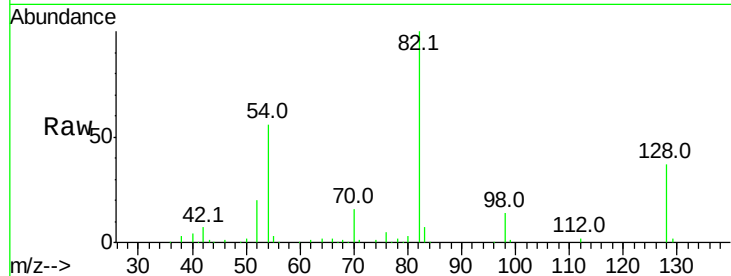




#23
 Nitrobenzene-d5
 Concen: 71.52 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

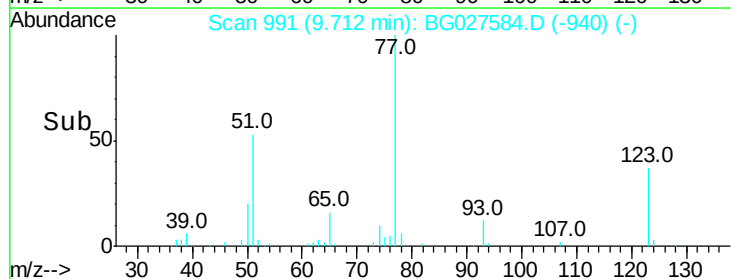
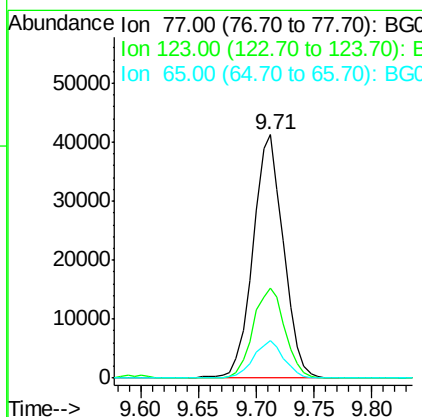
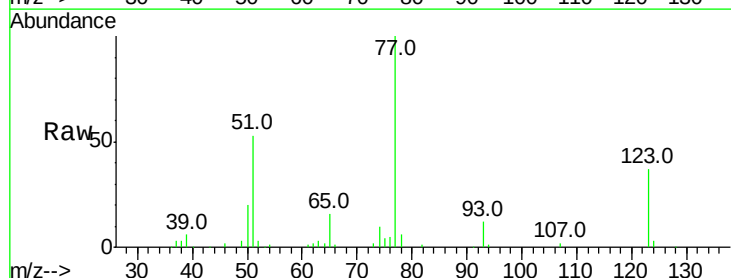
Instrument :
 BNA_G
 ClientSampleId :

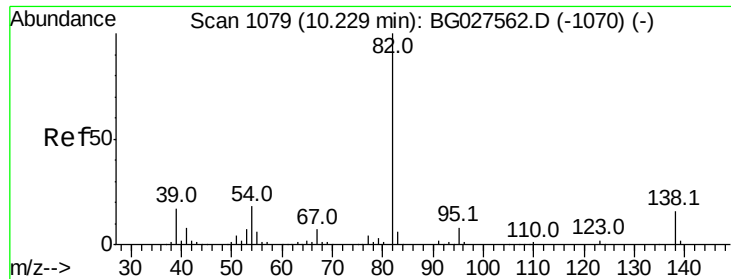
Tot Ion: 82 Resp: 148211
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.4 39.6
 54 55.6 49.4 74.2



#24
 Nitrobenzene
 Concen: 33.36 ng
 RT: 9.71 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion: 77 Resp: 75776
 Ion Ratio Lower Upper
 77 100
 123 37.0 26.1 39.1
 65 15.5 12.4 18.6





#25

Isophorone

Concen: 34.74 ng

RT: 10.23 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

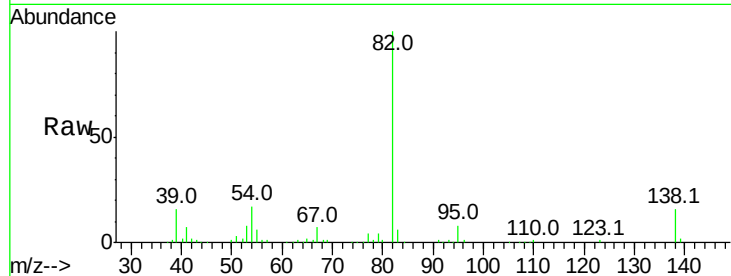
Tot Ion: 82 Resp: 147914

Ion Ratio Lower Upper

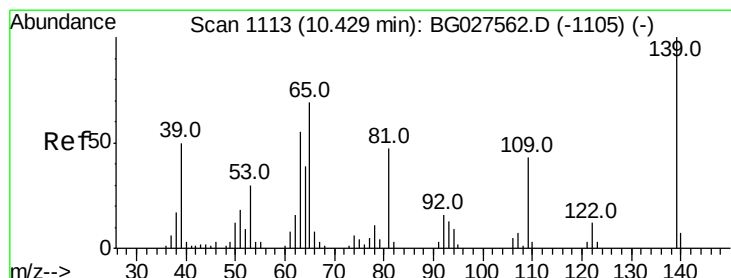
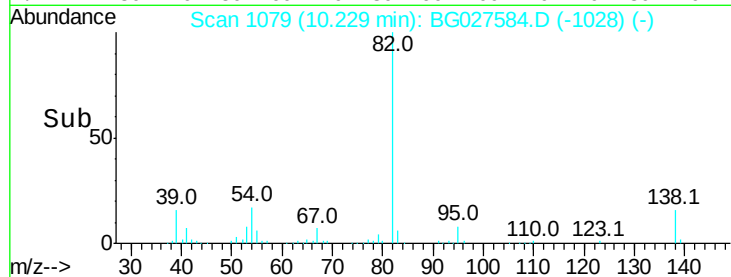
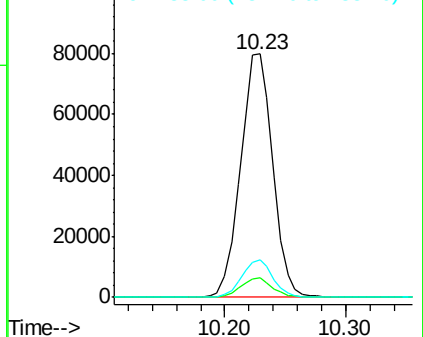
82 100

95 8.0 7.5 11.3

138 15.7 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: 35.10 ng

RT: 10.42 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

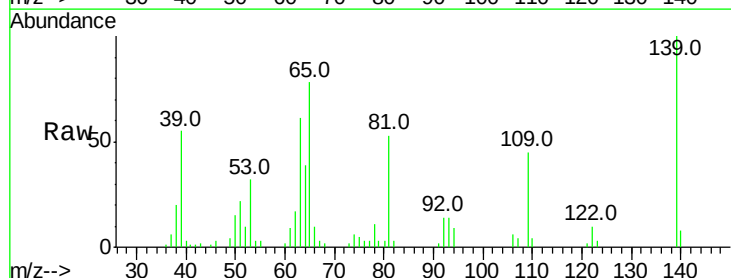
Tgt Ion: 139 Resp: 29493

Ion Ratio Lower Upper

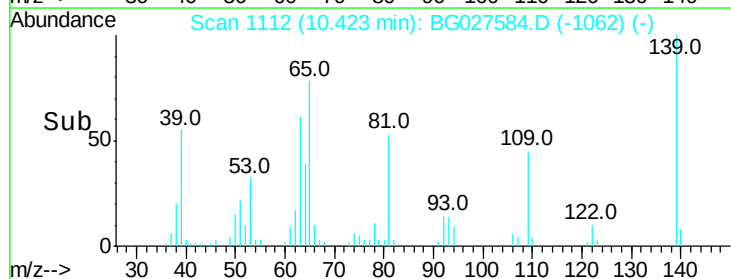
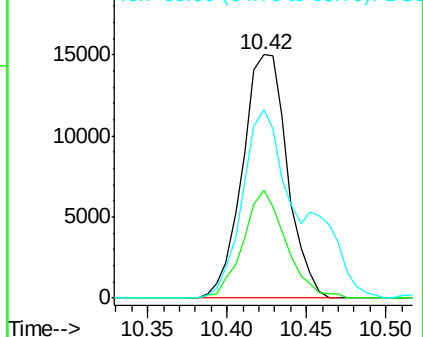
139 100

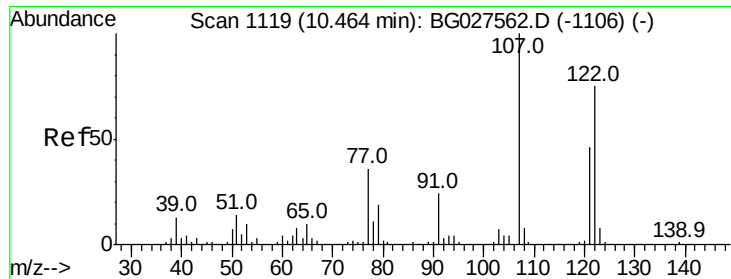
109 44.6 38.6 58.0

65 77.7 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

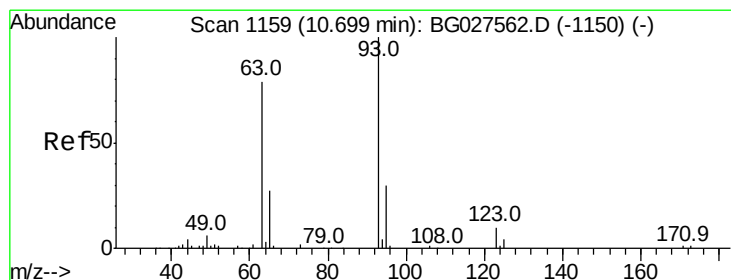
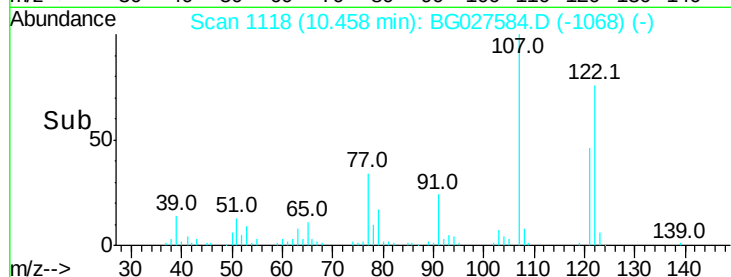
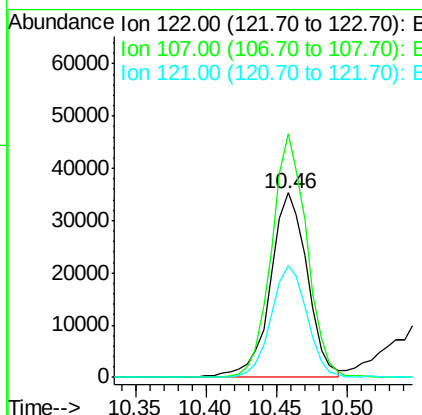
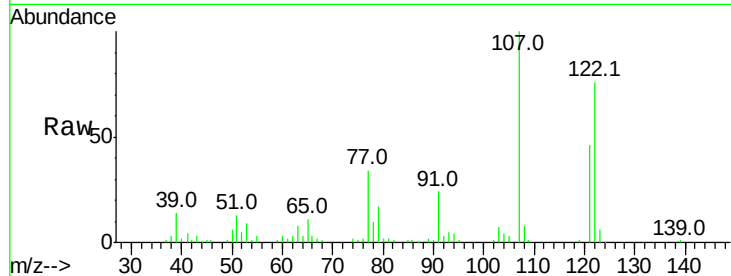




#27
 2,4-Dimethylphenol
 Concen: 40.56 ng
 RT: 10.46 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

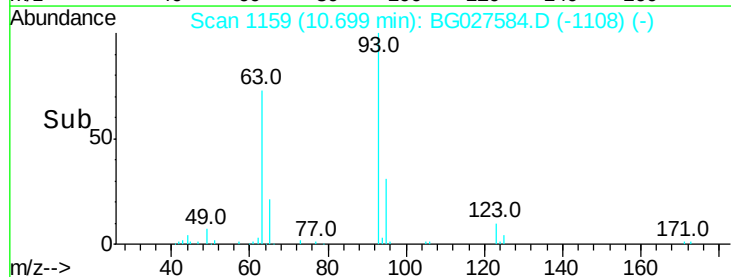
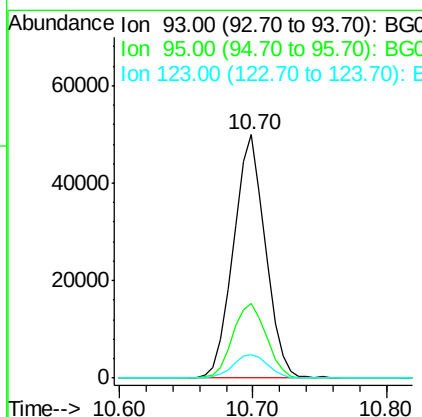
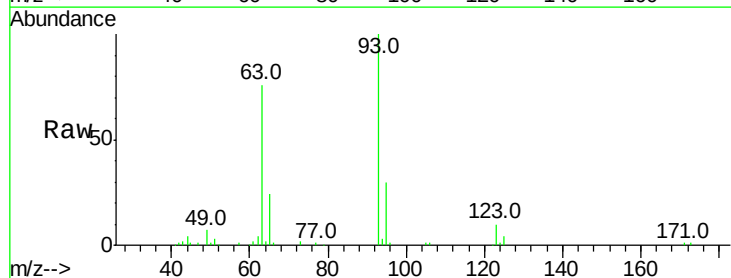
Instrument :
 BNA_G
 ClientSampleId :

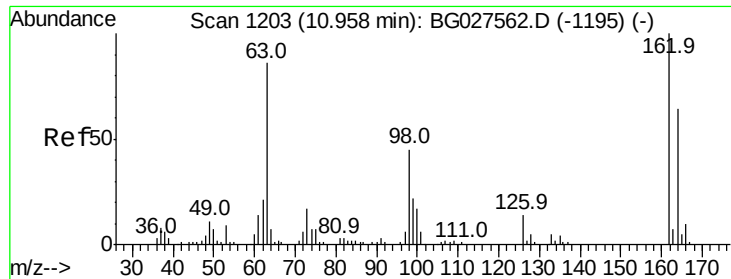
Tot Ion:122 Resp: 64359
 Ion Ratio Lower Upper
 122 100
 107 132.0 104.2 156.4
 121 60.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.46 ng
 RT: 10.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion: 93 Resp: 82696
 Ion Ratio Lower Upper
 93 100
 95 30.4 25.7 38.5
 123 9.8 8.3 12.5

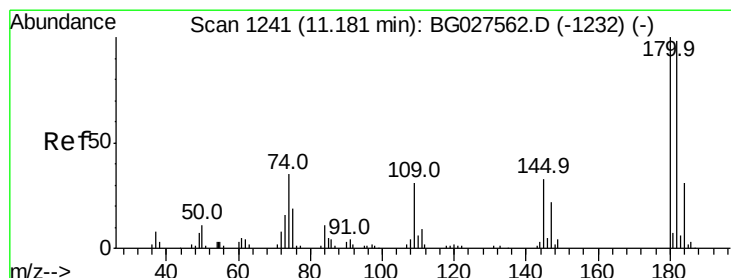
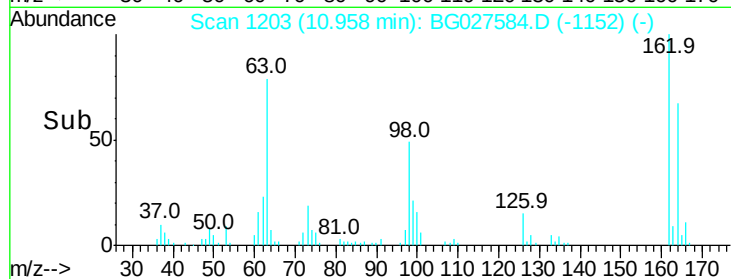
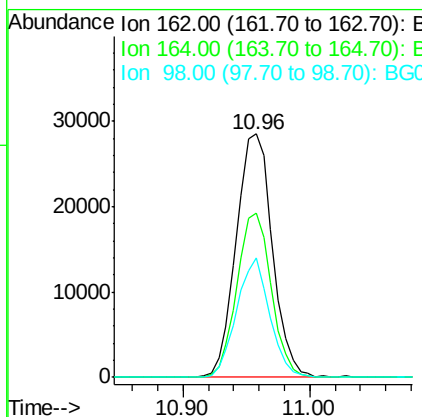
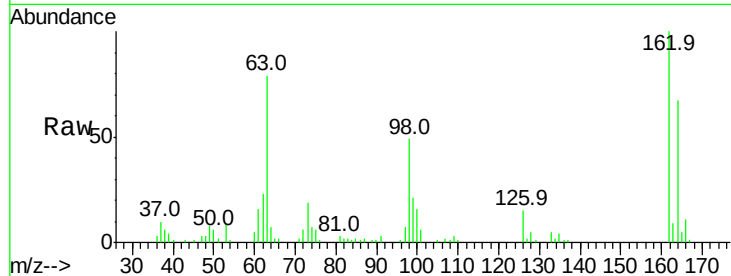




#29
 2,4-Dichlorophenol
 Concen: 41.10 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

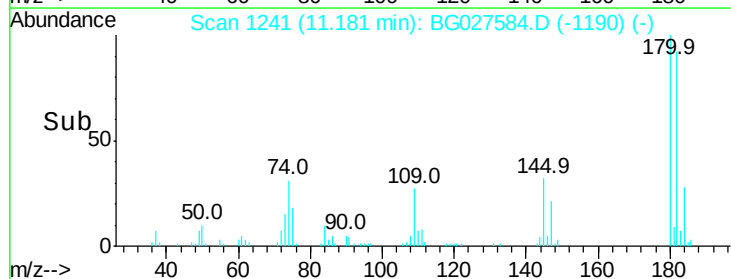
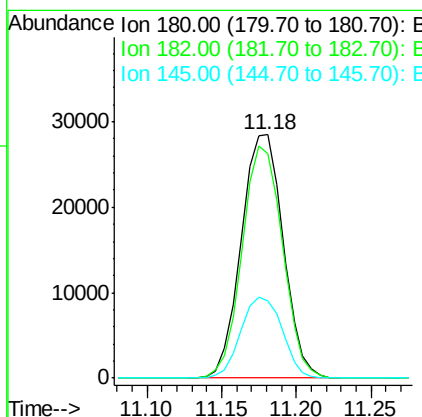
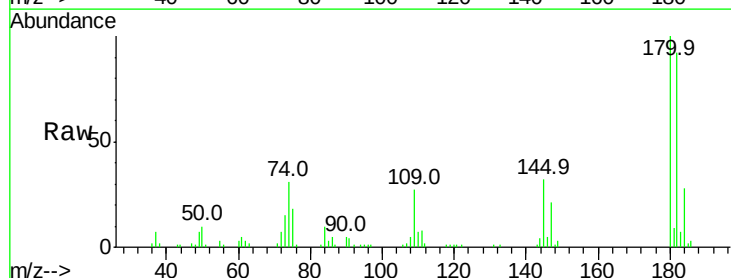
Instrument :
 BNA_G
 ClientSampleId :

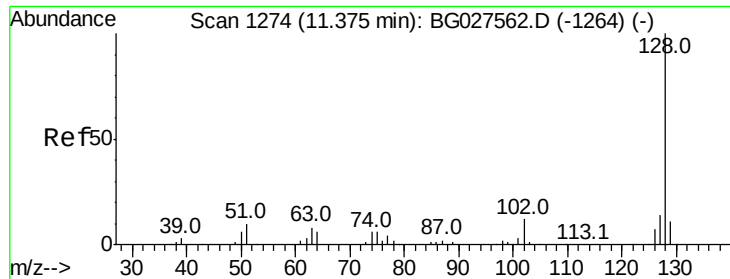
Tot Ion:162 Resp: 56331
 Ion Ratio Lower Upper
 162 100
 164 67.2 42.4 82.4
 98 49.2 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 35.36 ng
 RT: 11.18 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:180 Resp: 55404
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.0 115.4
 145 31.5 23.4 35.0

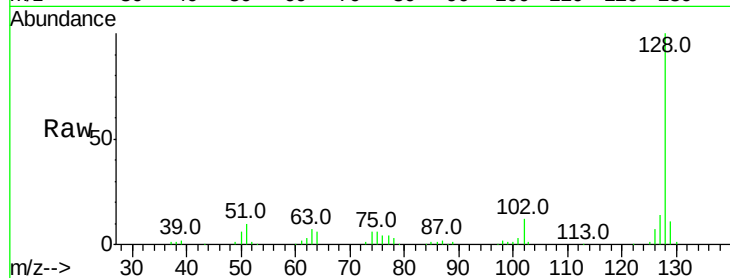




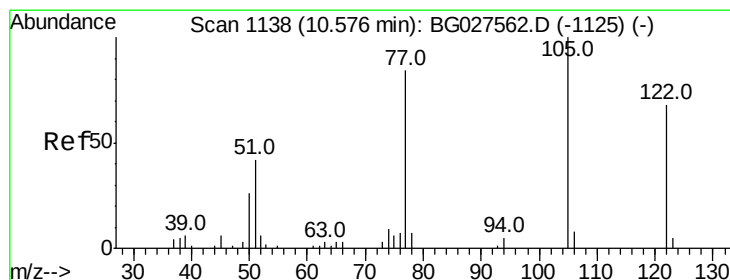
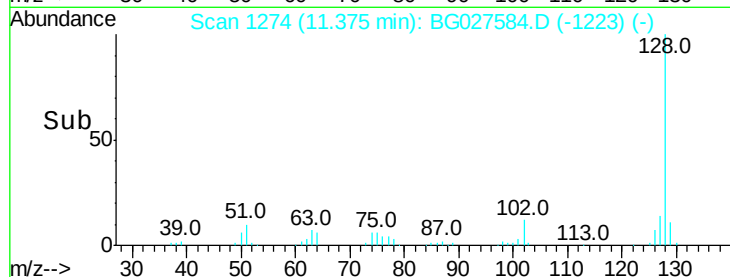
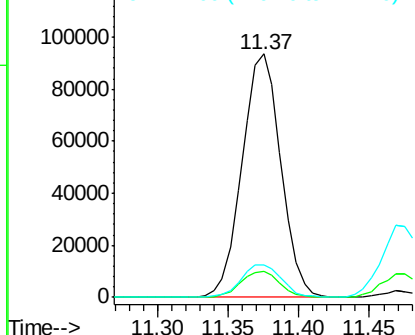
#31
Naphthalene
Concen: 33.86 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 179452
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.5 11.4 17.0

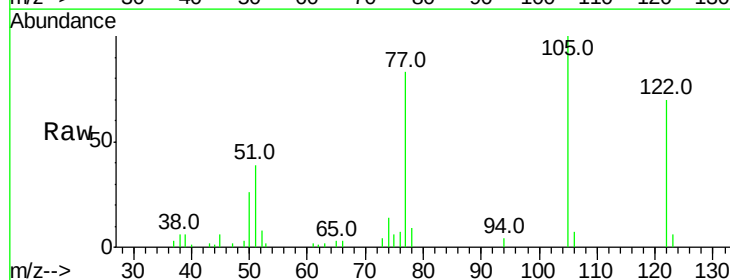


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

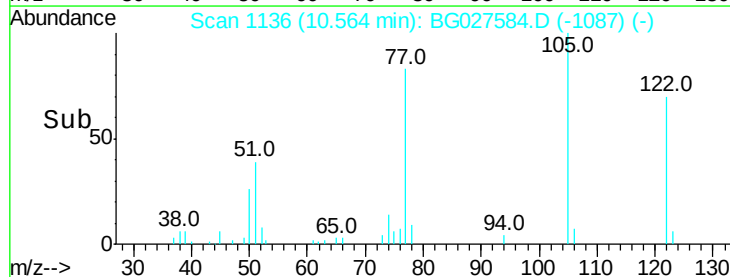
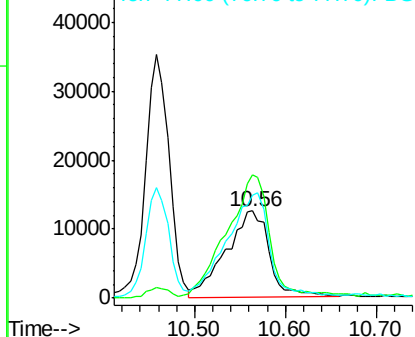


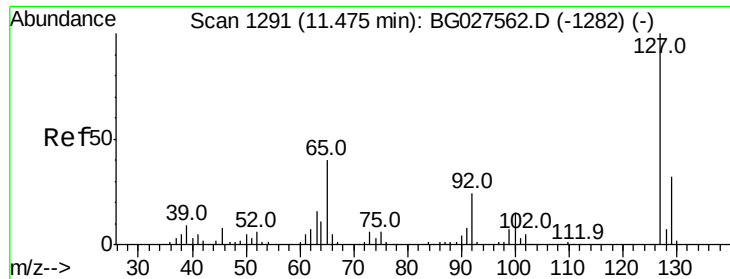
#32
Benzoic acid
Concen: 38.37 ng
RT: 10.56 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:122 Resp: 41234
Ion Ratio Lower Upper
122 100
105 142.6 120.1 160.1
77 118.3 104.6 144.6



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

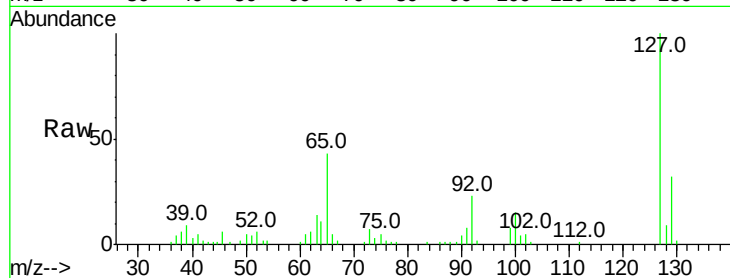




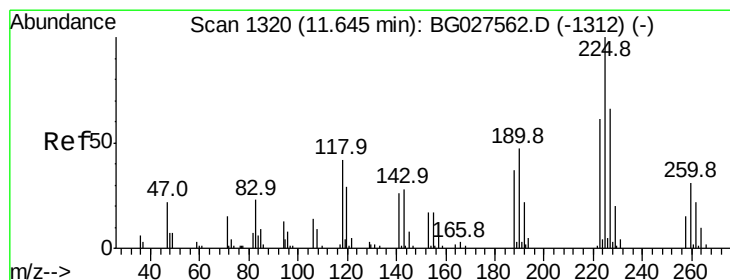
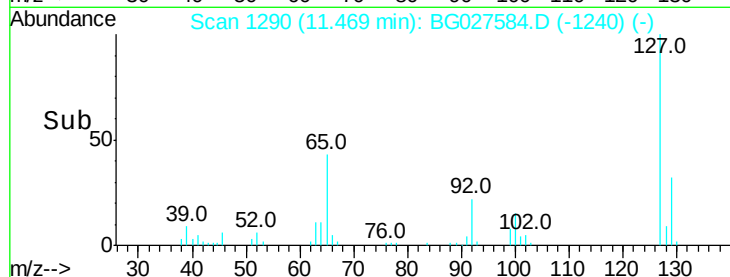
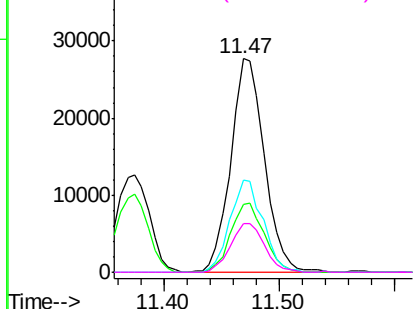
#33
4-Chloroaniline
Concen: 24.87 ng
RT: 11.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	55905
Ion	Ratio	Lower	Upper
127	100		
129	32.0	23.6	35.4
65	42.9	37.7	56.5
92	22.8	17.6	26.4

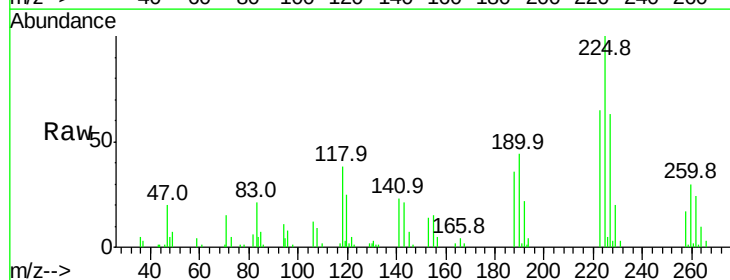


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

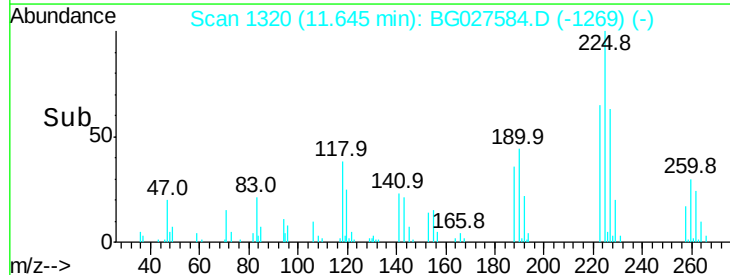
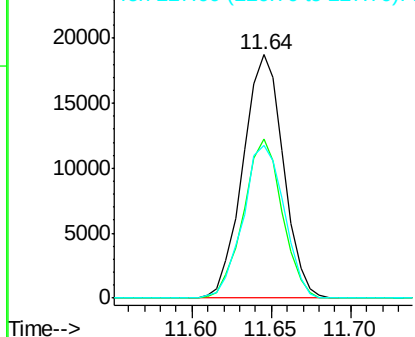


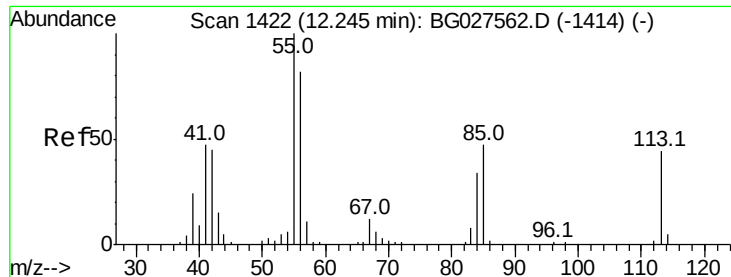
#34
Hexachlorobutadiene
Concen: 35.01 ng
RT: 11.64 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:	225	Resp:	33147
Ion	Ratio	Lower	Upper
225	100		
223	65.5	50.7	76.1
227	62.5	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: 23.48 ng

RT: 12.24 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampled :

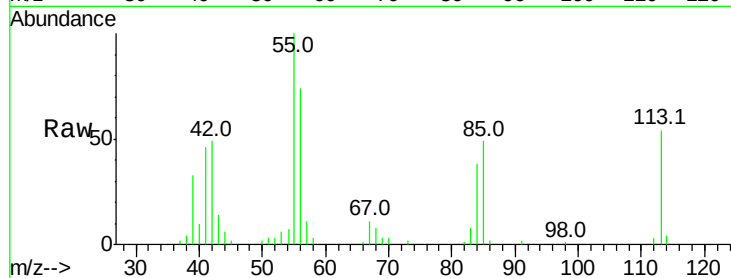
Tot Ion:113 Resp: 14999

Ion Ratio Lower Upper

113 100

55 183.5 198.6 238.6#

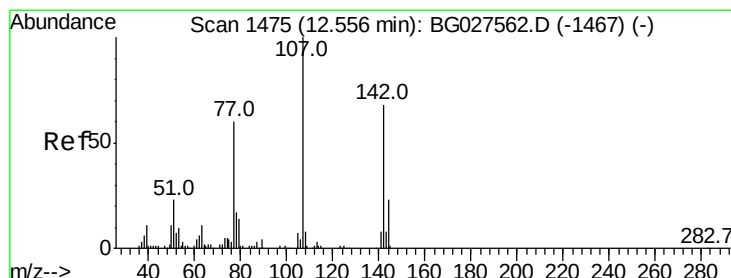
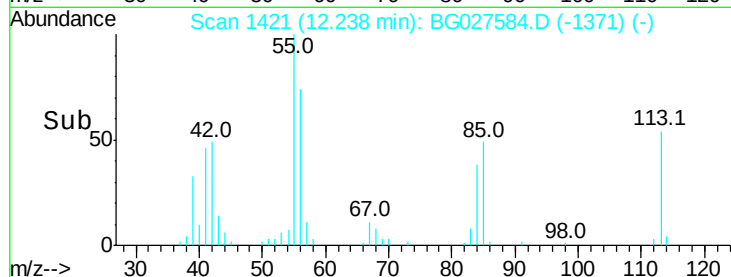
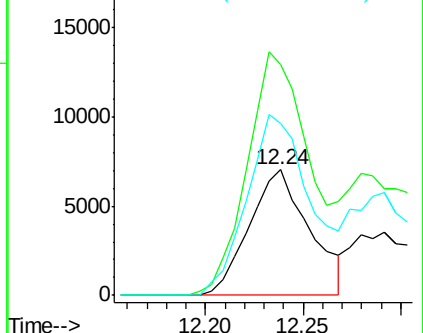
56 136.6 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG027562.D (-1414) (-)

Ion 56.00 (55.70 to 56.70): BG027562.D (-1414) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.02 ng

RT: 12.55 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

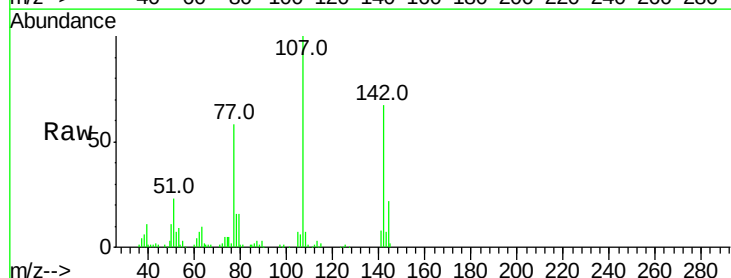
Tgt Ion:107 Resp: 88315

Ion Ratio Lower Upper

107 100

144 22.0 17.4 26.0

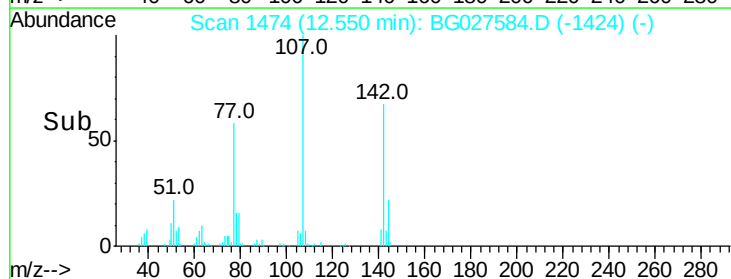
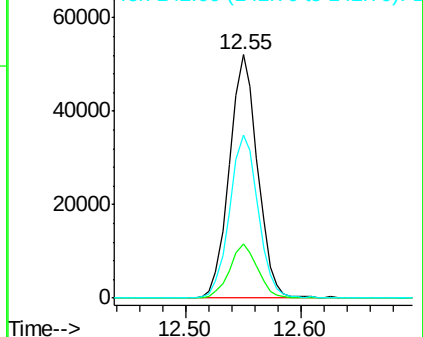
142 66.8 54.1 81.1

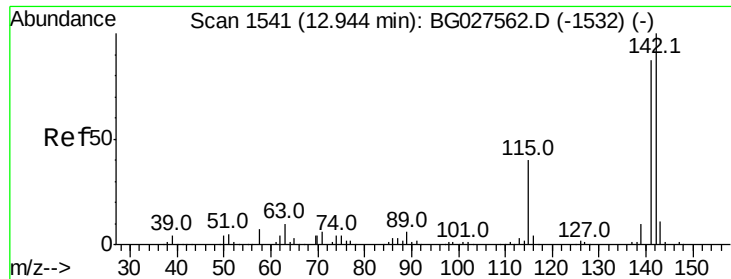


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

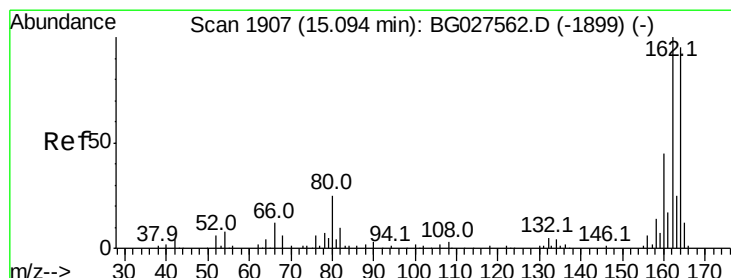
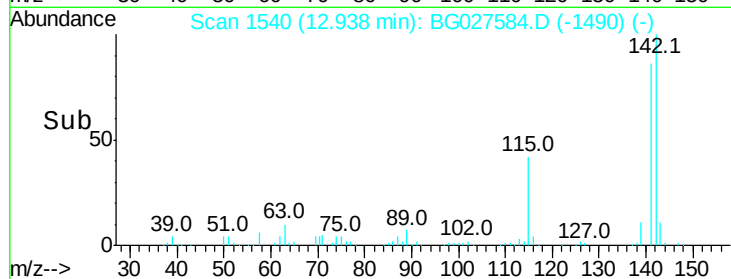
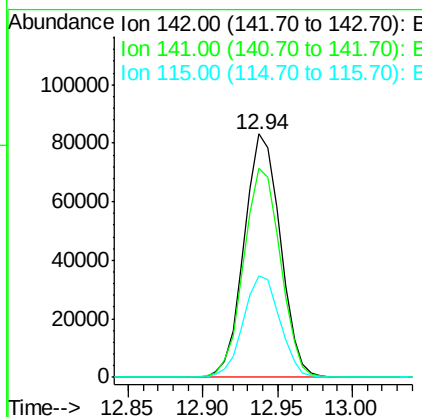
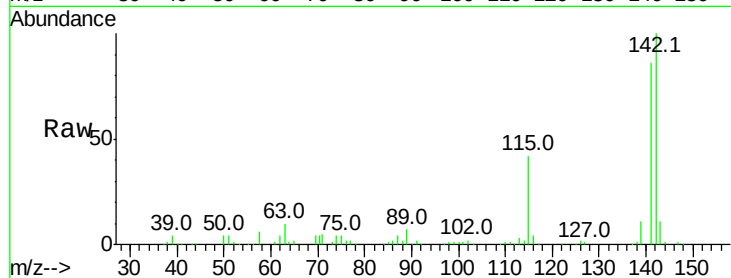




#37
 2-Methylnaphthalene
 Concen: 36.22 ng
 RT: 12.94 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

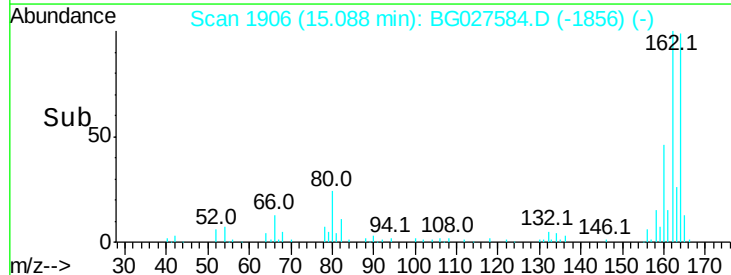
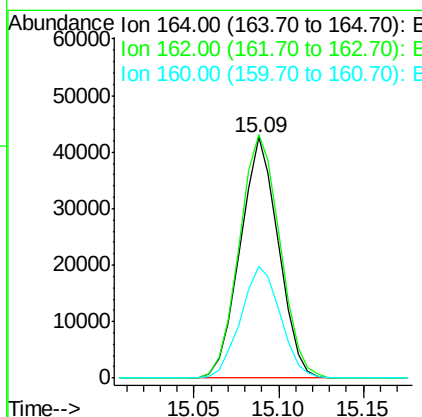
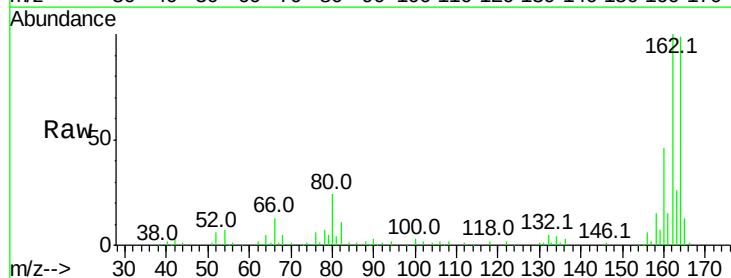
Instrument :
 BNA_G
 ClientSampled :

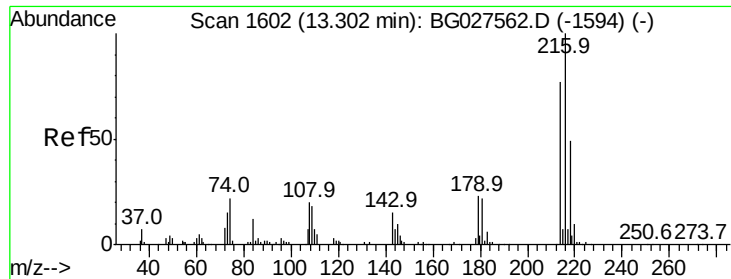
Tot Ion:142 Resp: 139497
 Ion Ratio Lower Upper
 142 100
 141 85.7 70.4 105.6
 115 41.6 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:164 Resp: 66955
 Ion Ratio Lower Upper
 164 100
 162 101.1 85.1 127.7
 160 46.5 34.7 52.1

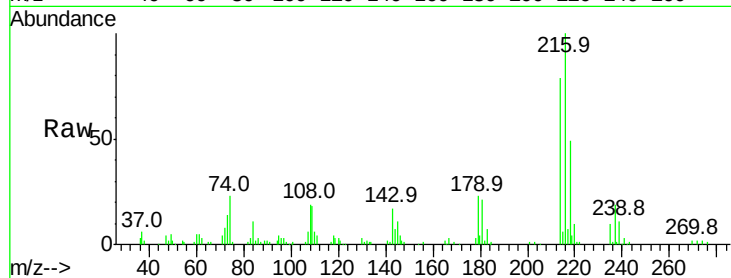




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.64 ng
 RT: 13.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	70642
Ion	Ratio	Lower	Upper
216	100		
214	79.7	64.4	96.6
179	23.4	17.4	26.0
108	23.5	15.6	23.4

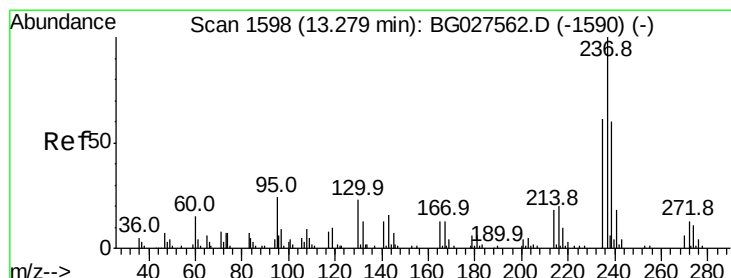
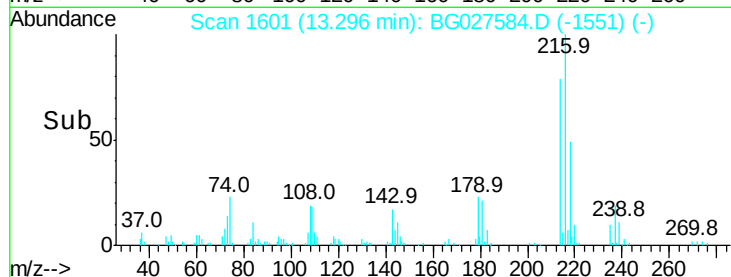
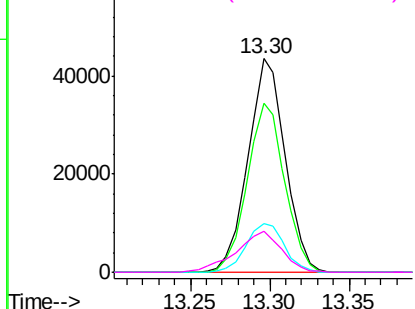


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

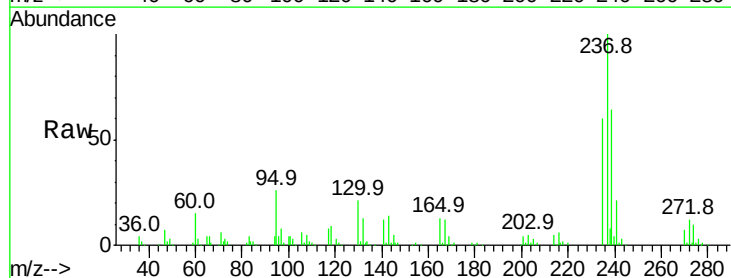
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 84.01 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

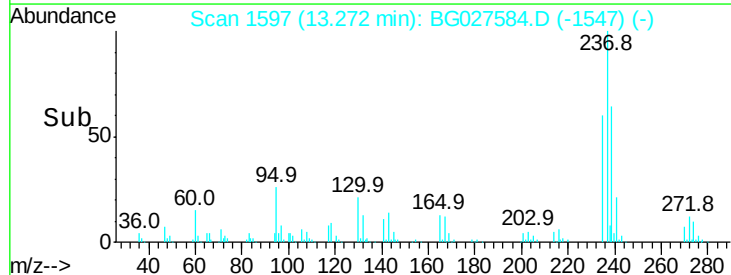
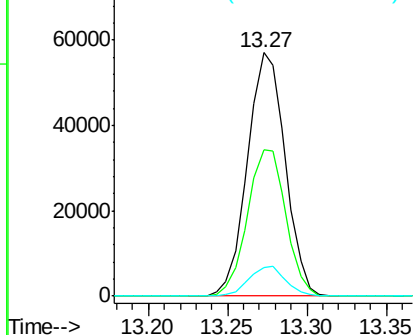
Tgt Ion:	237	Resp:	94552
Ion	Ratio	Lower	Upper
237	100		
235	60.2	39.4	79.4
272	11.8	0.0	32.0

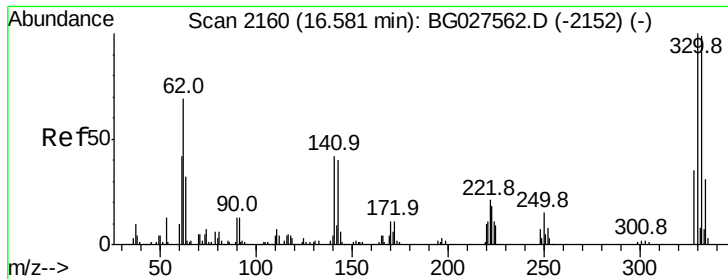


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

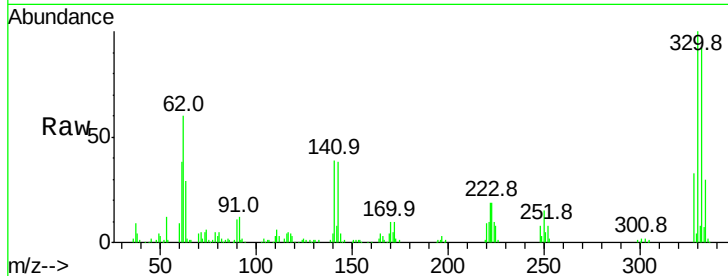




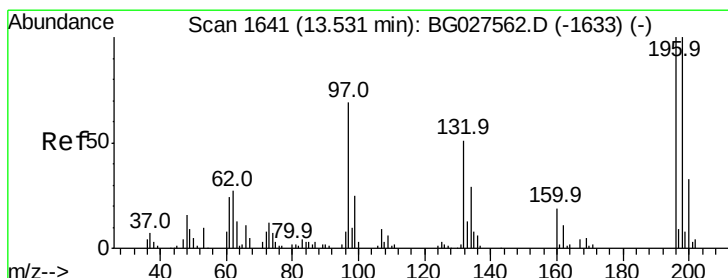
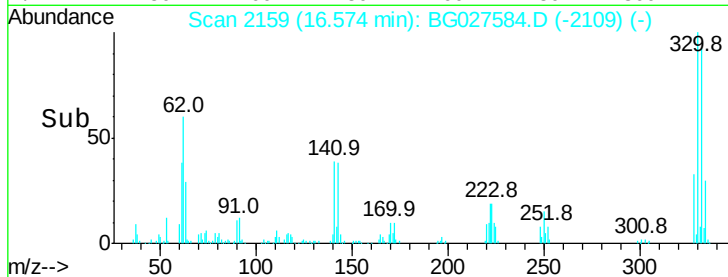
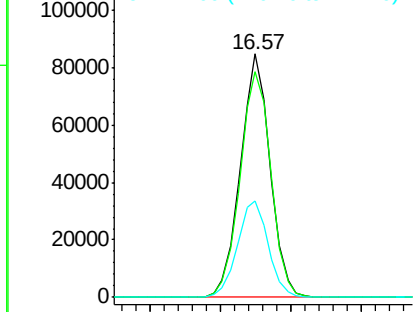
#41
 2,4,6-Tribromophenol
 Concen: 124.40 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	41.1	32.1	48.1

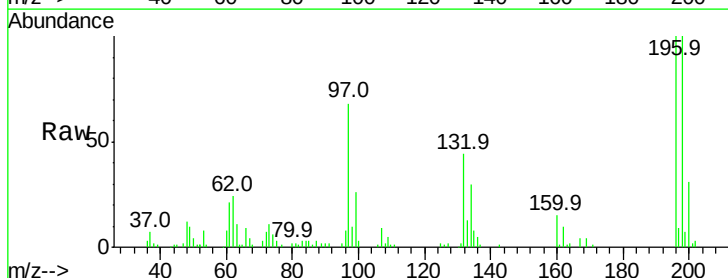


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

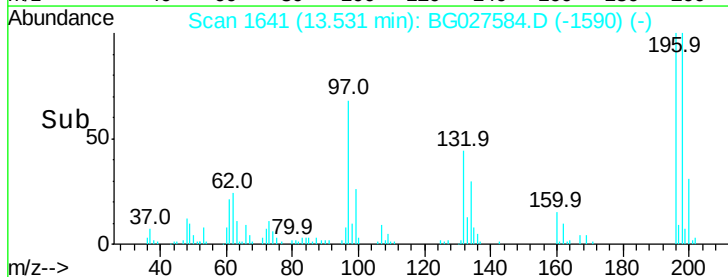
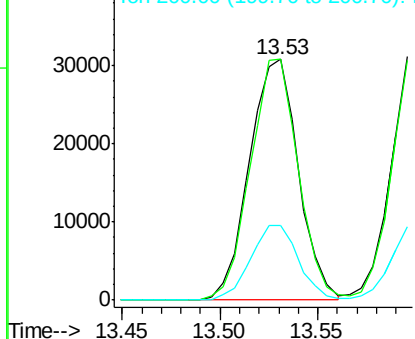


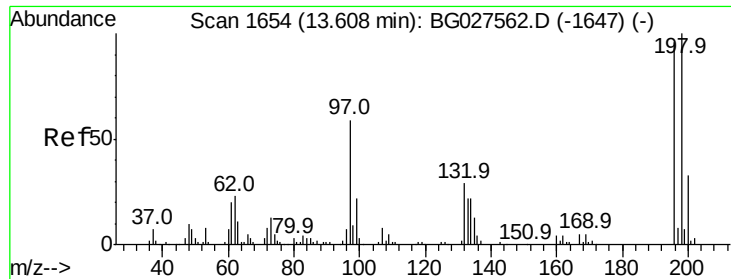
#42
 2,4,6-Trichlorophenol
 Concen: 39.32 ng
 RT: 13.53 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	81.4	122.2
200	30.9	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

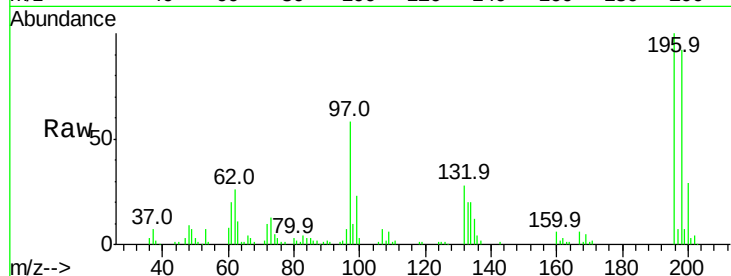




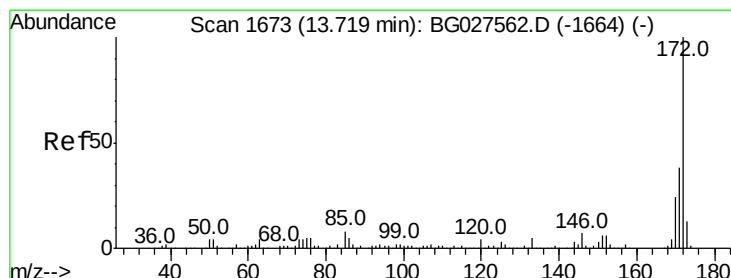
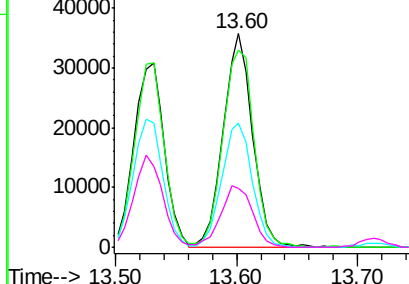
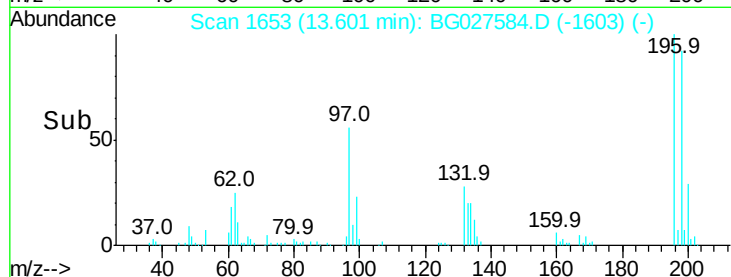
#43
 2,4,5-Trichlorophenol
 Concen: 37.72 ng
 RT: 13.60 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 60131
 Ion Ratio Lower Upper
 196 100
 198 92.3 79.9 119.9
 97 58.1 45.4 68.0
 132 27.7 20.7 31.1

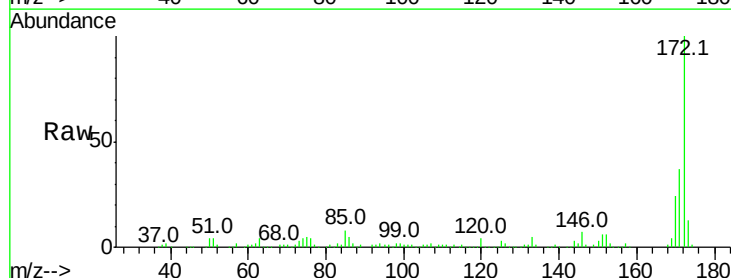


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

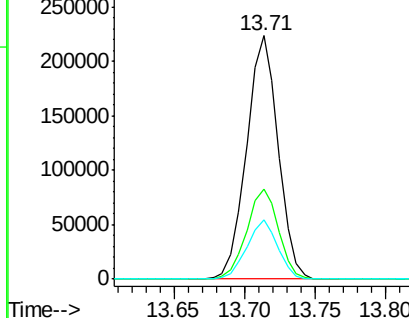
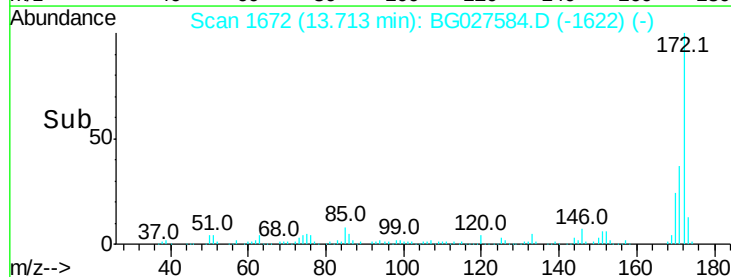


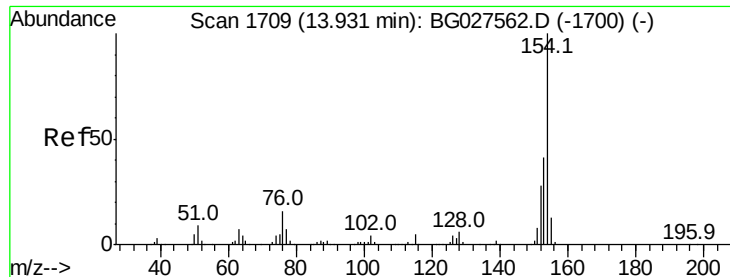
#44
 2-Fluorobiphenyl
 Concen: 71.33 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:172 Resp: 349646
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 24.1 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: 34.28 ng

RT: 13.92 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

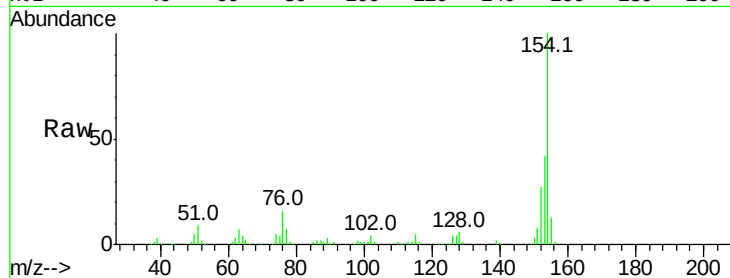
Tot Ion:154 Resp: 191398

Ion Ratio Lower Upper

154 100

153 42.5 23.0 63.0

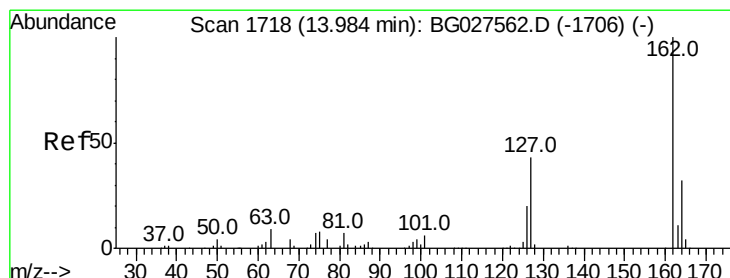
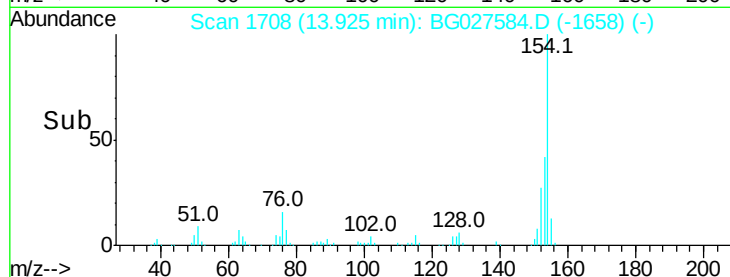
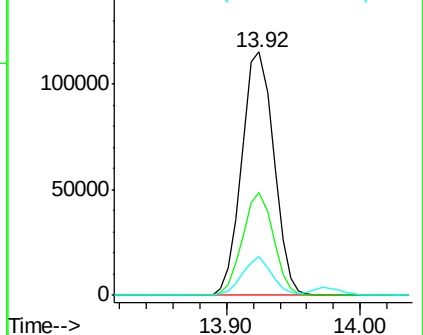
76 15.9 0.0 33.5



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: 34.46 ng

RT: 13.98 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

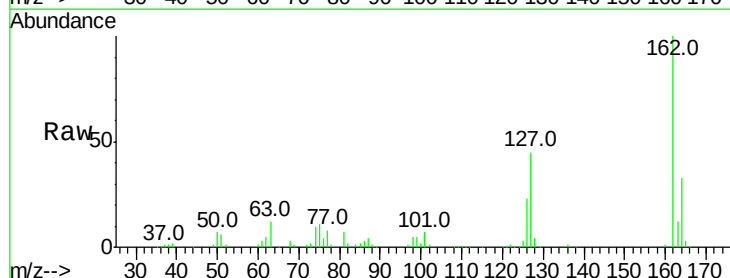
Tgt Ion:162 Resp: 143102

Ion Ratio Lower Upper

162 100

127 45.2 32.2 48.4

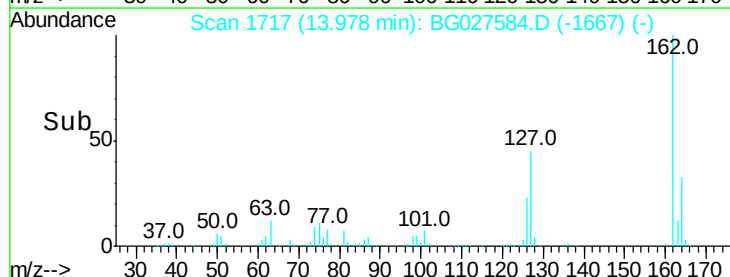
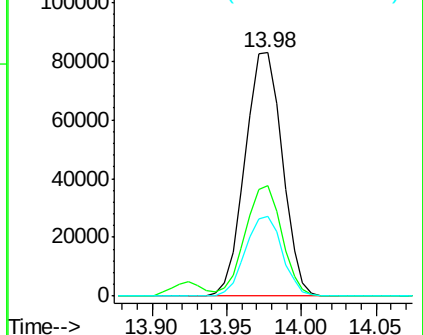
164 32.7 27.3 40.9

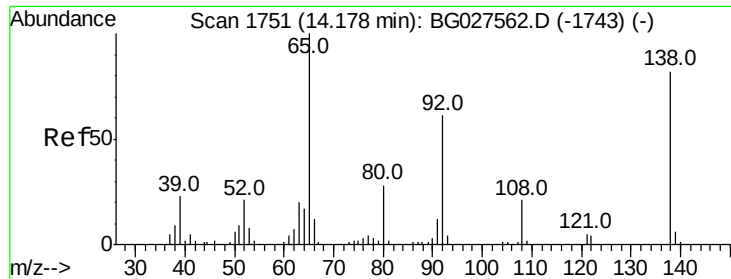


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.21 ng

RT: 14.17 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampled :

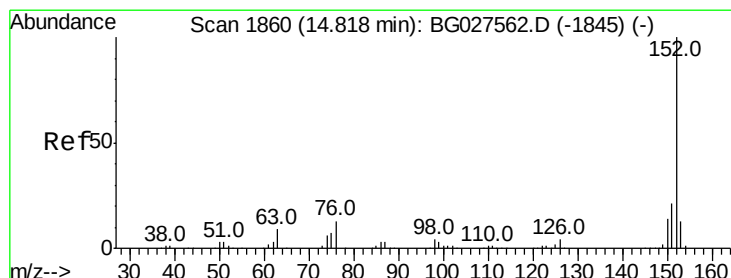
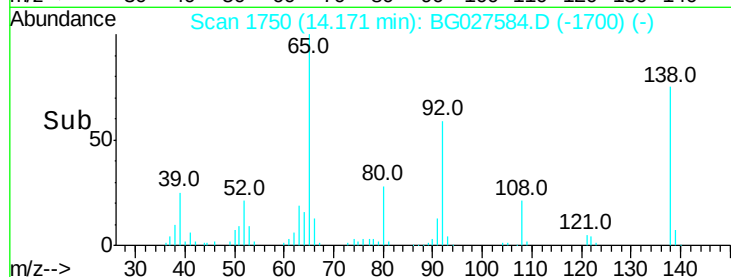
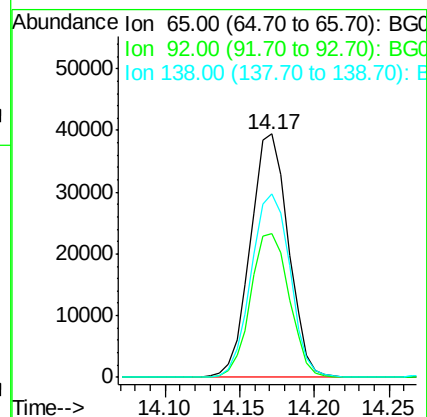
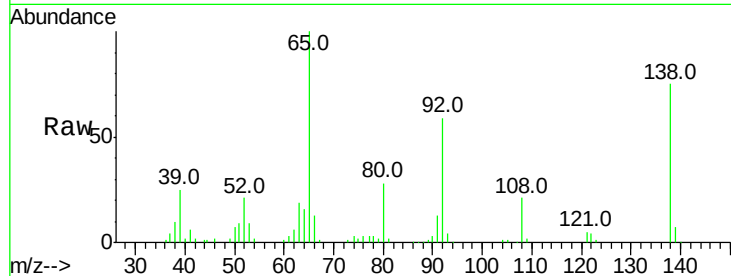
Tot Ion: 65 Resp: 69361

Ion Ratio Lower Upper

65 100

92 58.9 49.0 73.4

138 75.4 58.6 87.8



#48

Acenaphthylene

Concen: 33.27 ng

RT: 14.82 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

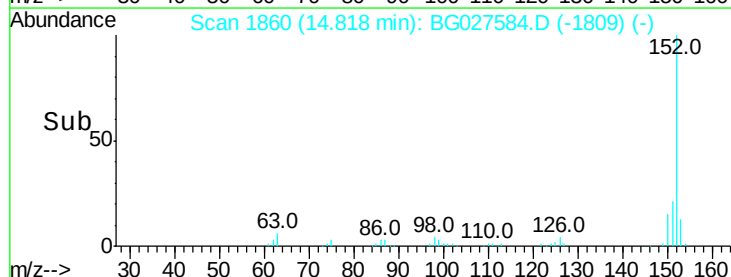
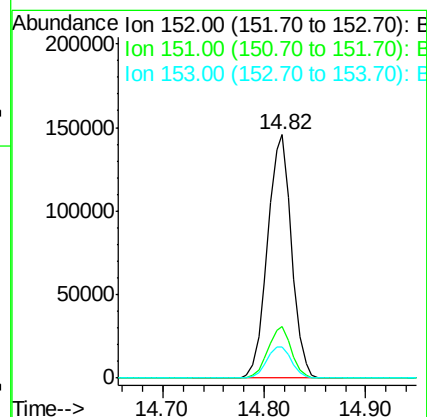
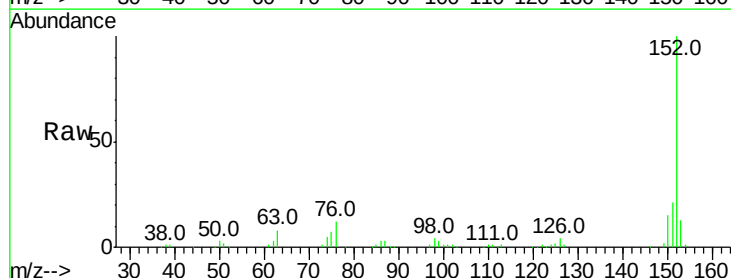
Tgt Ion: 152 Resp: 242053

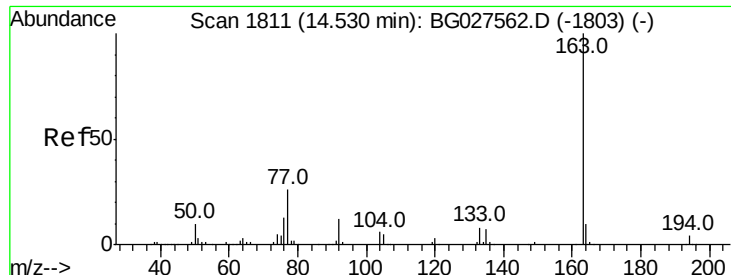
Ion Ratio Lower Upper

152 100

151 21.2 18.2 27.2

153 12.7 11.3 16.9





#49

Dimethylphthalate

Concen: 37.64 ng

RT: 14.52 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

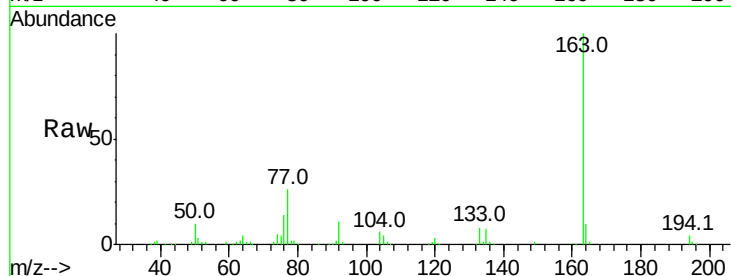
Tot Ion:163 Resp: 220666

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

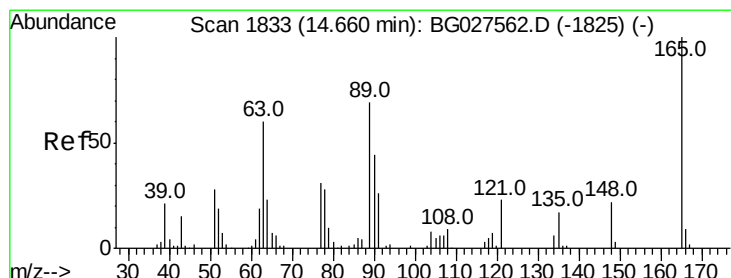
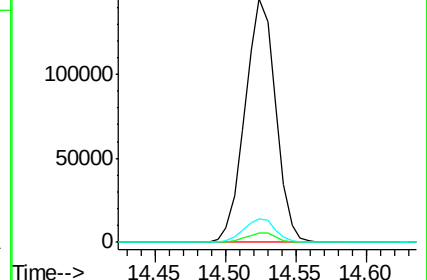
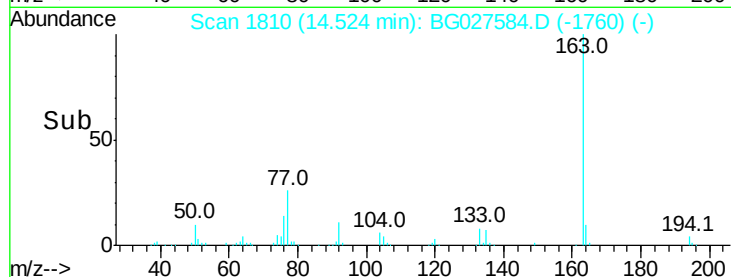
164 9.7 9.3 13.9



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: 38.90 ng

RT: 14.65 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

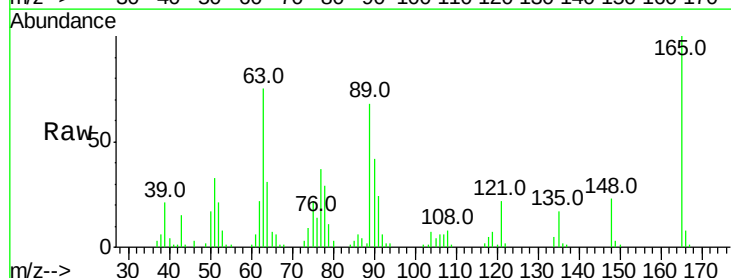
Tgt Ion:165 Resp: 49481

Ion Ratio Lower Upper

165 100

63 75.5 63.9 95.9

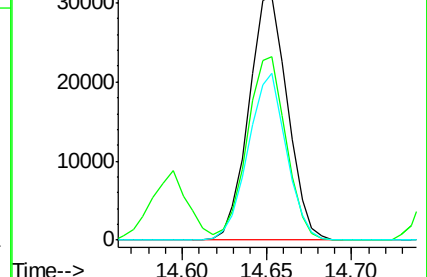
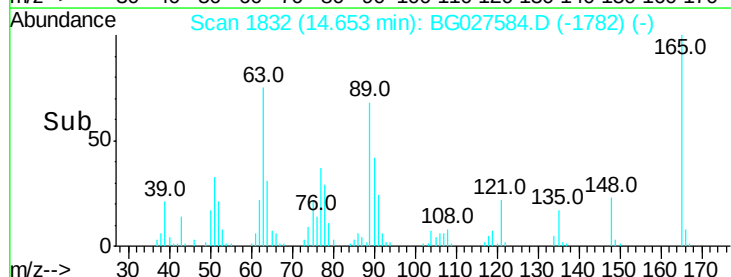
89 68.5 58.6 88.0

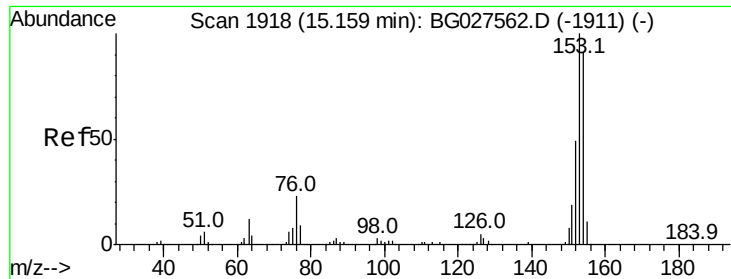


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.90 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

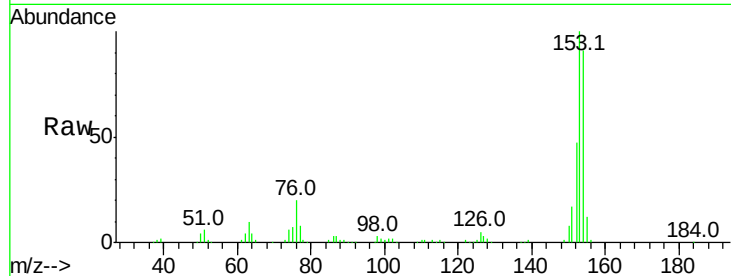
Tot Ion:154 Resp: 197225

Ion Ratio Lower Upper

154 100

153 110.2 87.8 131.6

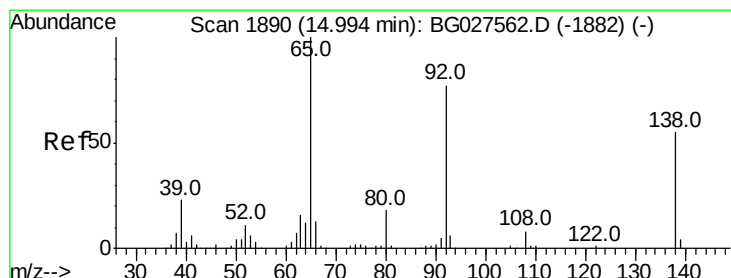
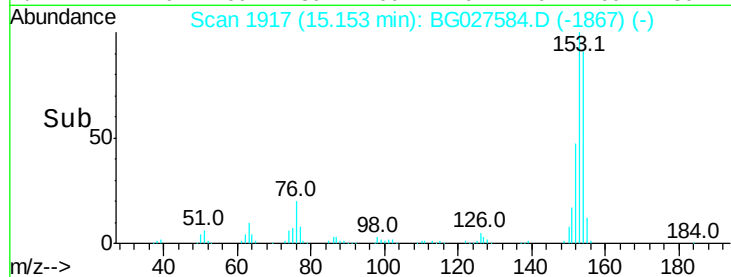
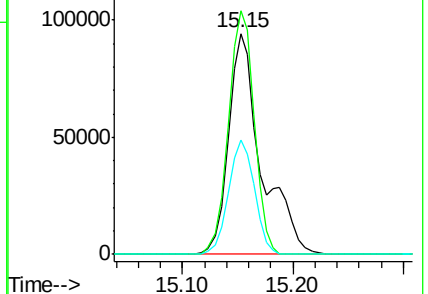
152 52.0 42.2 63.4



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: 28.38 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

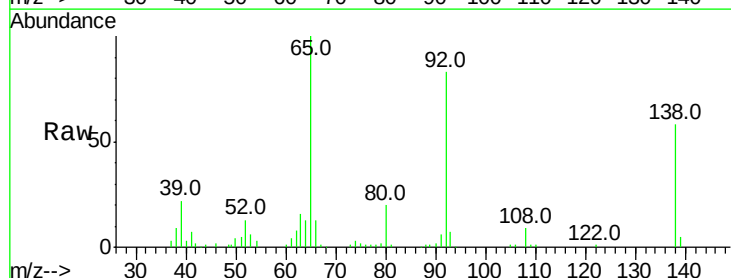
Tgt Ion:138 Resp: 38112

Ion Ratio Lower Upper

138 100

108 15.9 10.9 16.3

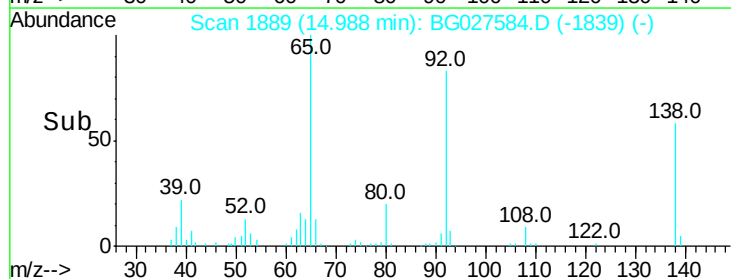
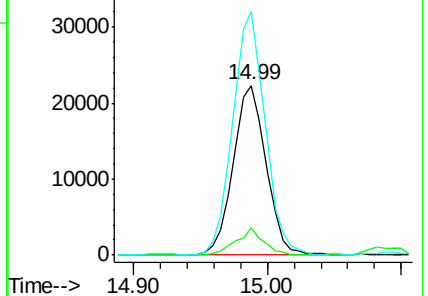
92 143.7 115.3 172.9

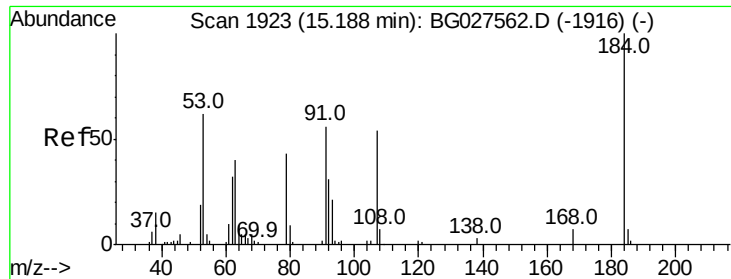


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

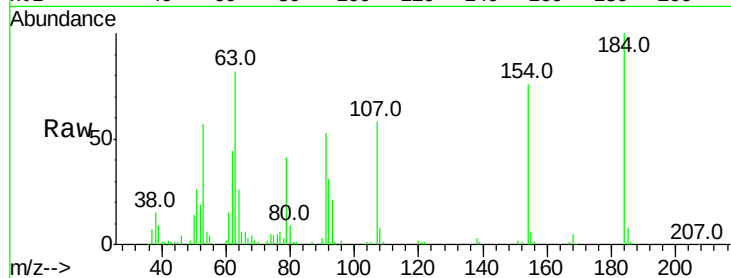




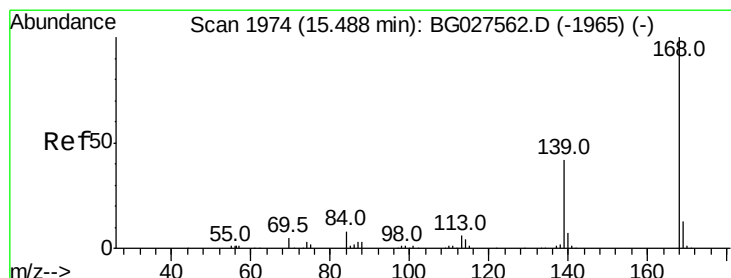
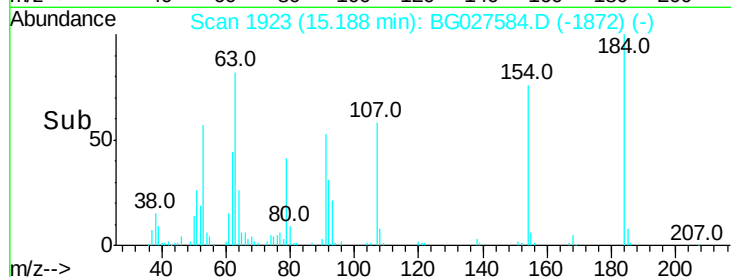
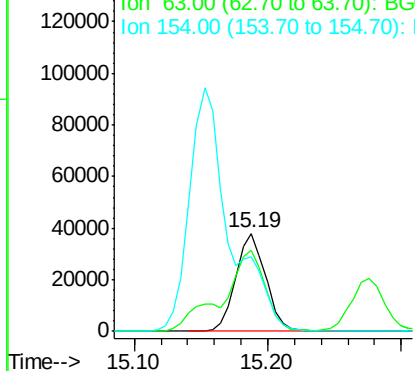
#53
2,4-Dinitrophenol
Concen: 82.60 ng
RT: 15.19 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 59388
Ion Ratio Lower Upper
184 100
63 82.0 52.7 79.1#
154 75.8 57.3 85.9

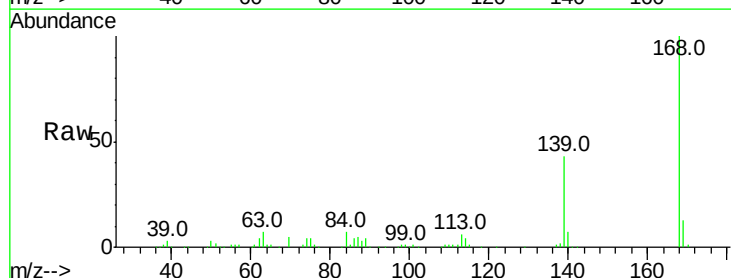


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

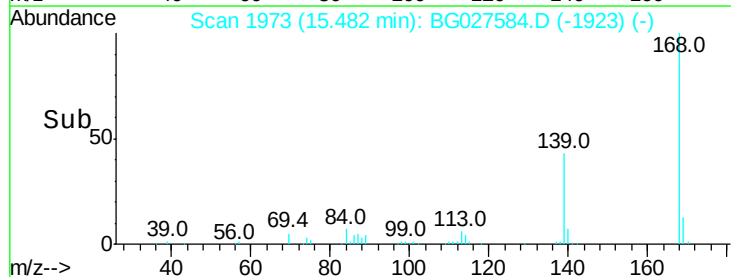
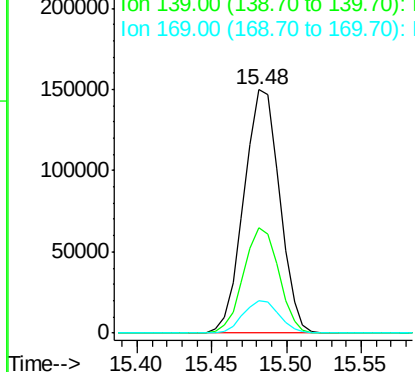


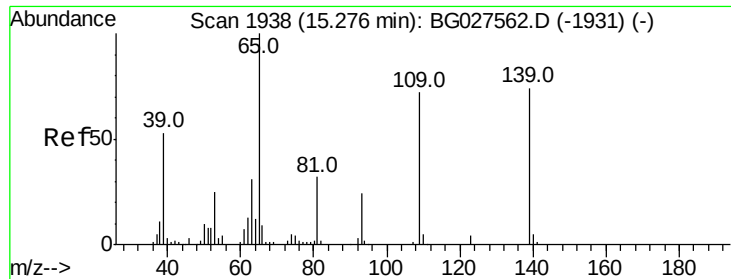
#54
Dibenzofuran
Concen: 37.59 ng
RT: 15.48 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:168 Resp: 248242
Ion Ratio Lower Upper
168 100
139 43.1 35.3 52.9
169 13.3 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

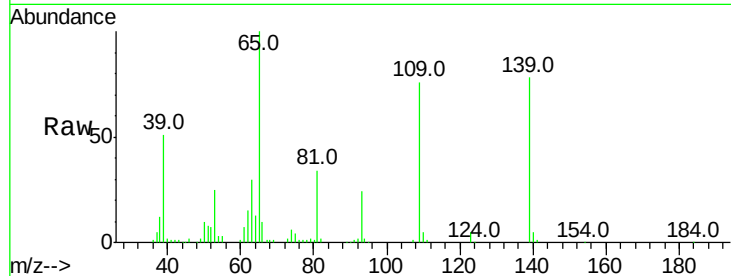




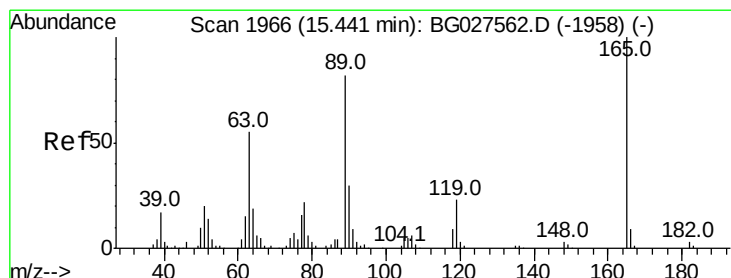
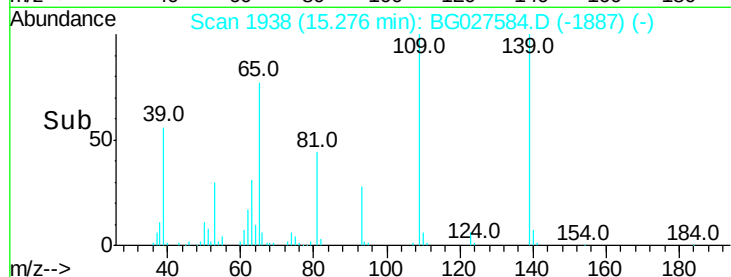
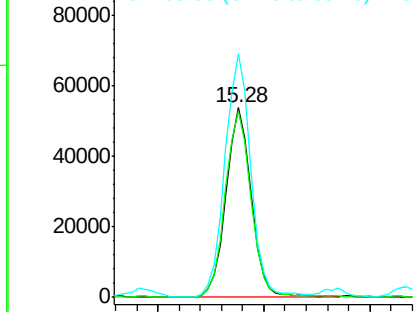
#55
4-Nitrophenol
Concen: 79.76 ng
RT: 15.28 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 89672
Ion Ratio Lower Upper
139 100
109 98.2 101.2 141.2#
65 128.6 135.3 175.3#

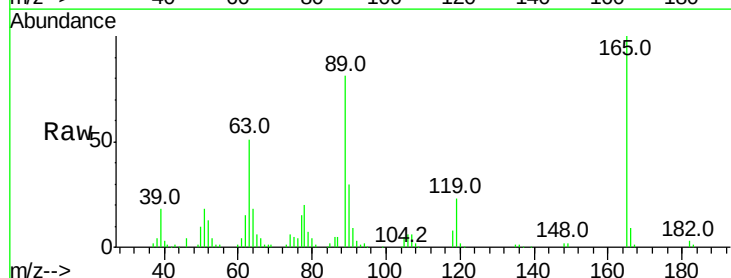


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

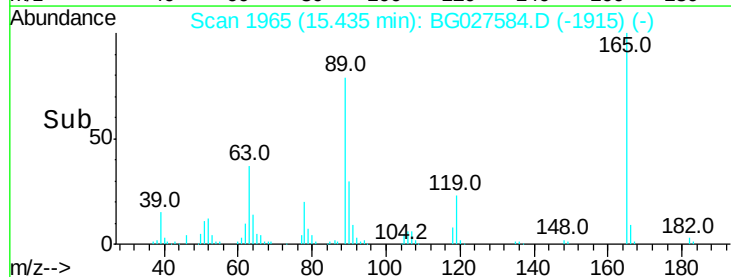
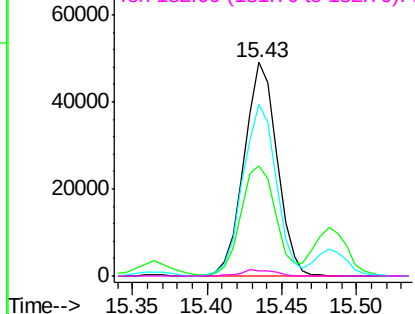


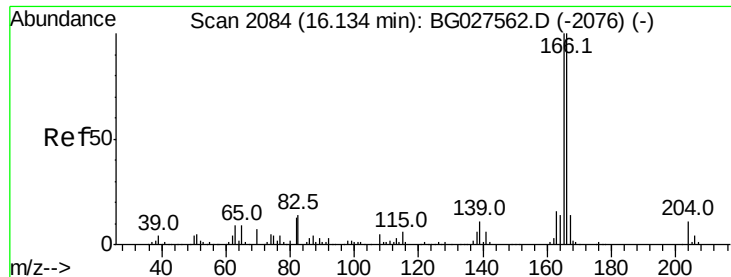
#56
2,4-Dinitrotoluene
Concen: 41.47 ng
RT: 15.43 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:165 Resp: 74811
Ion Ratio Lower Upper
165 100
63 51.4 44.0 66.0
89 80.6 67.3 100.9
182 2.6 3.8 5.6#



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

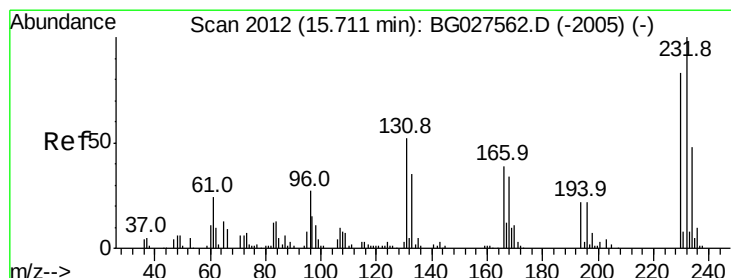
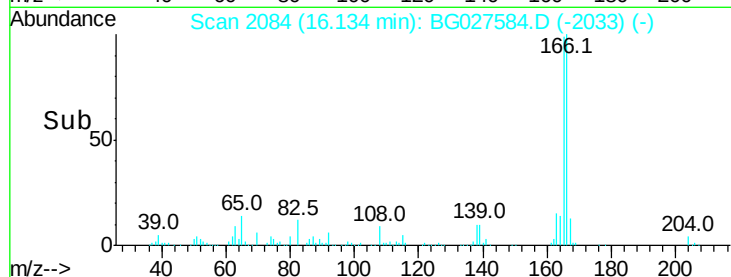
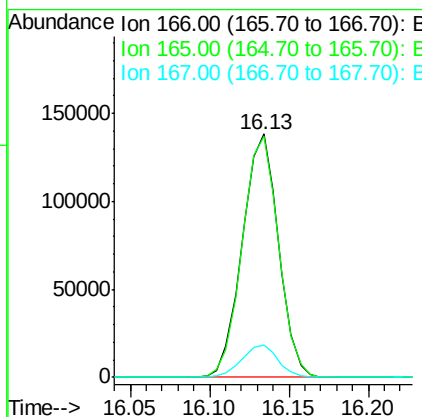
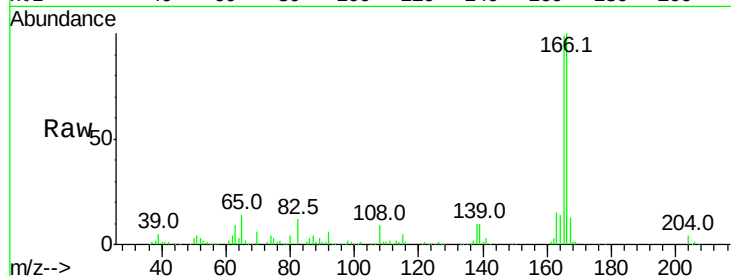




#57
 Fluorene
 Concen: 34.96 ng
 RT: 16.13 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

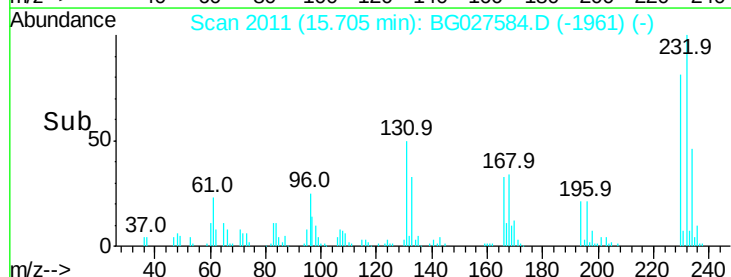
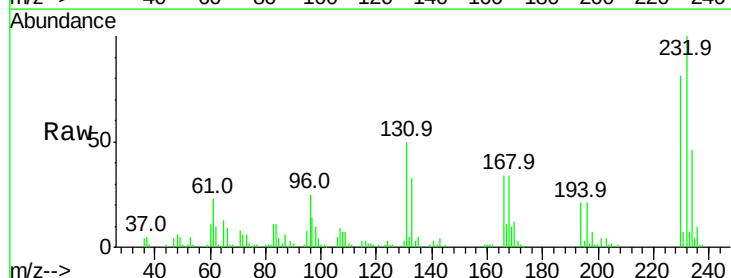
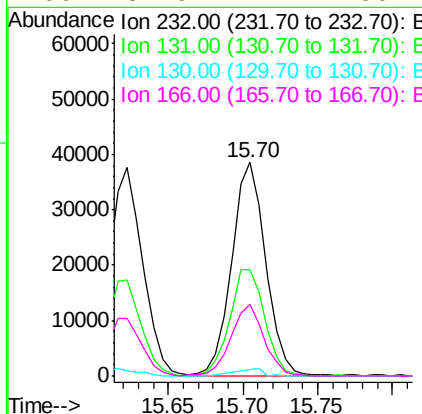
Instrument :
 BNA_G
 ClientSampleId :

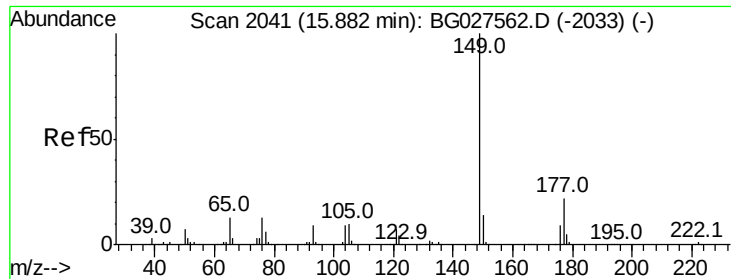
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.4	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.60 ng
 RT: 15.70 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.7	34.9	52.3
130	3.0	2.3	3.5
166	32.9	24.2	36.4

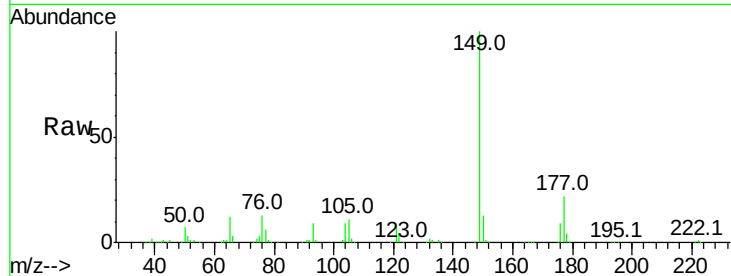




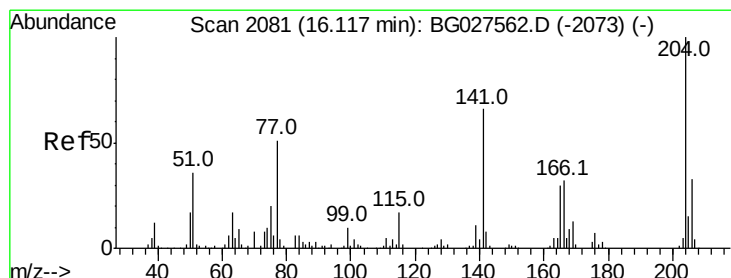
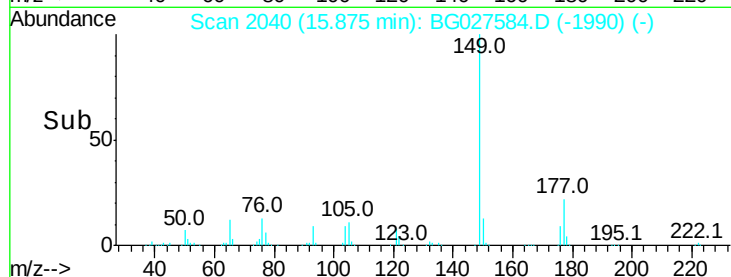
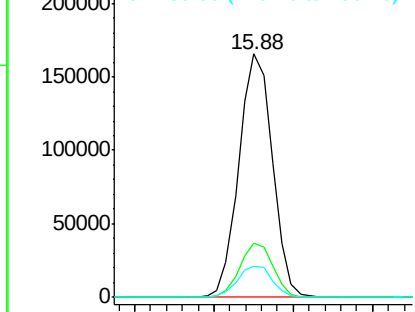
#59
Diethylphthalate
Concen: 37.93 ng
RT: 15.88 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 242611
Ion Ratio Lower Upper
149 100
177 22.2 20.1 30.1
150 13.0 10.2 15.2

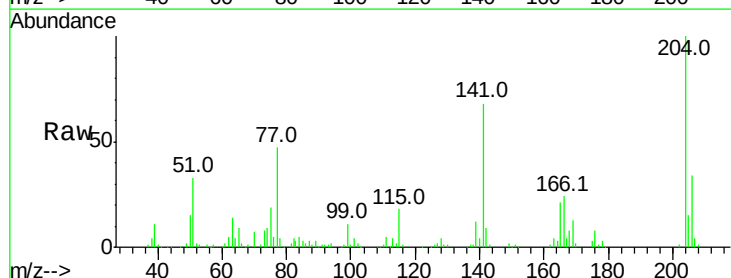


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

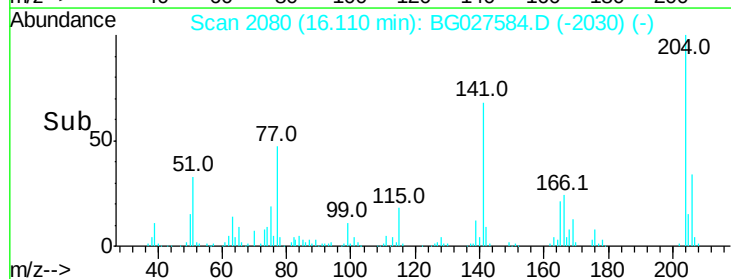
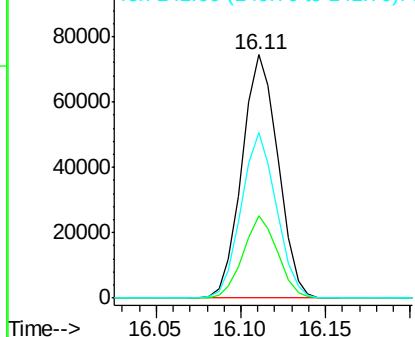


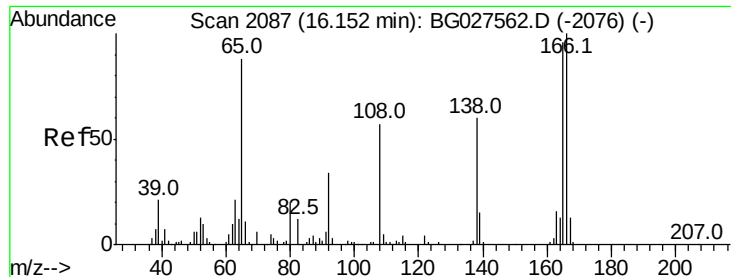
#60
4-Chlorophenyl-phenylether
Concen: 36.07 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:204 Resp: 111010
Ion Ratio Lower Upper
204 100
206 34.0 30.1 45.1
141 68.0 50.6 76.0



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





#61

4-Nitroaniline

Concen: 39.76 ng

RT: 16.15 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

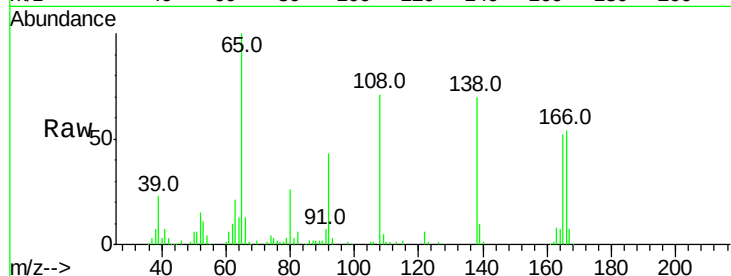
Tot Ion:138 Resp: 58574

Ion Ratio Lower Upper

138 100

92 61.1 44.2 84.2

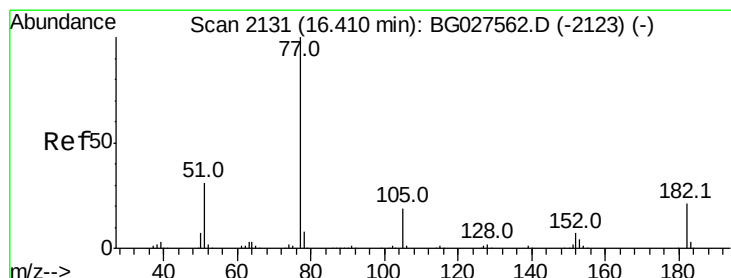
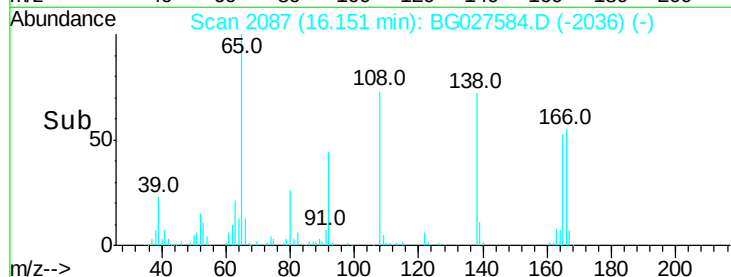
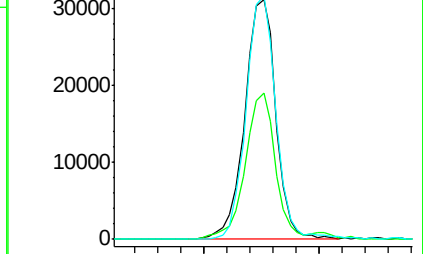
108 101.4 104.8 144.8#



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: 38.49 ng

RT: 16.40 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Tgt Ion: 77 Resp: 252480

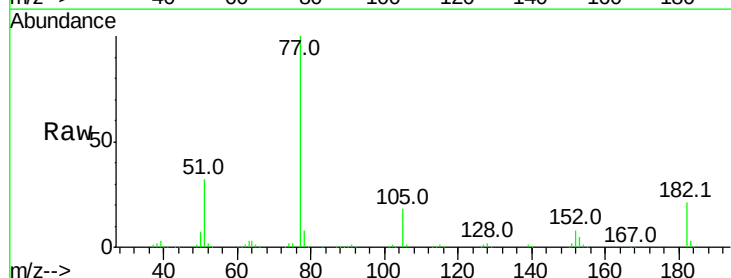
Ion Ratio Lower Upper

77 100

182 21.1 4.7 44.7

105 18.3 0.0 36.3

51 31.6 16.4 56.4

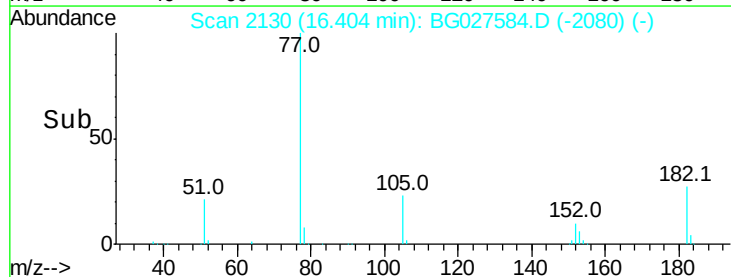
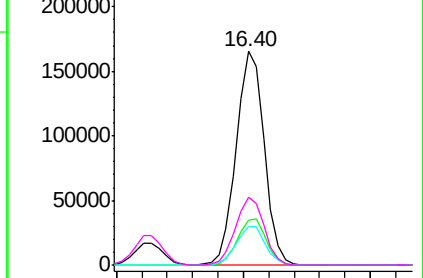


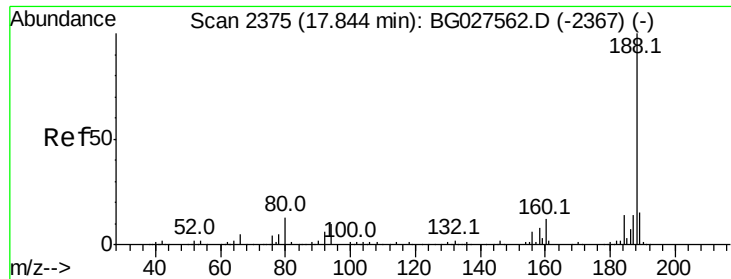
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

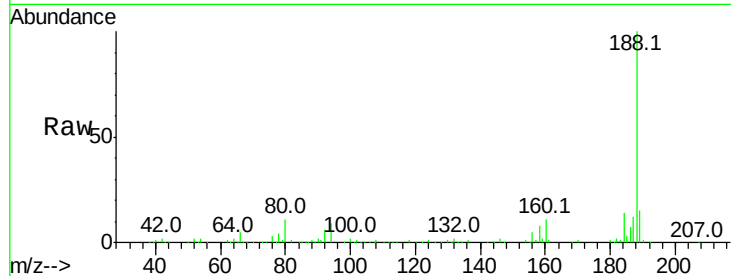
Tot Ion:188 Resp: 182863

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.8#

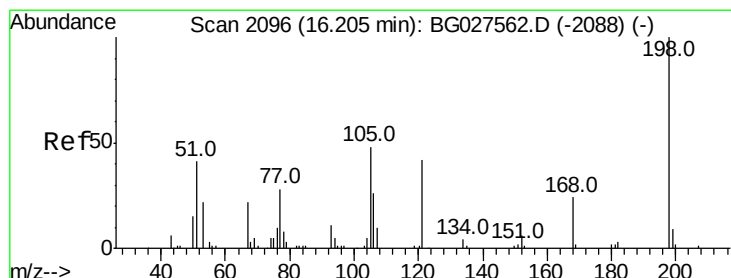
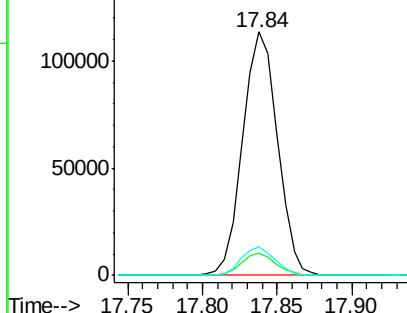
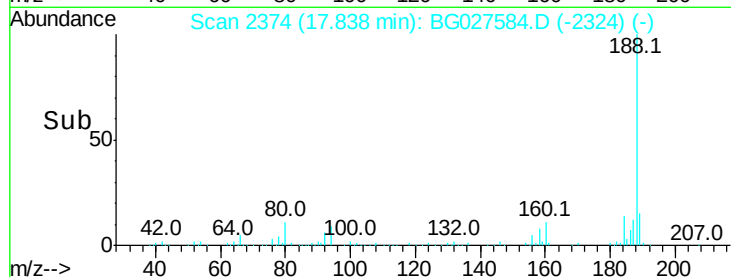
80 11.5 7.5 11.3#



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: 36.58 ng

RT: 16.20 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

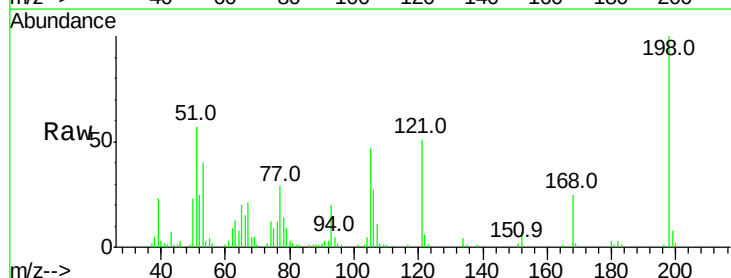
Tgt Ion:198 Resp: 42477

Ion Ratio Lower Upper

198 100

51 57.4 22.6 62.6

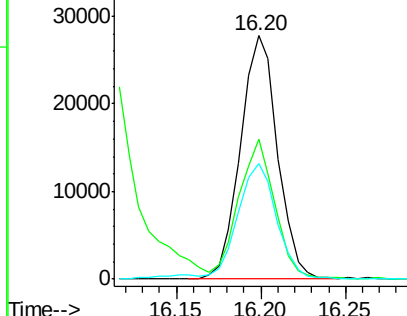
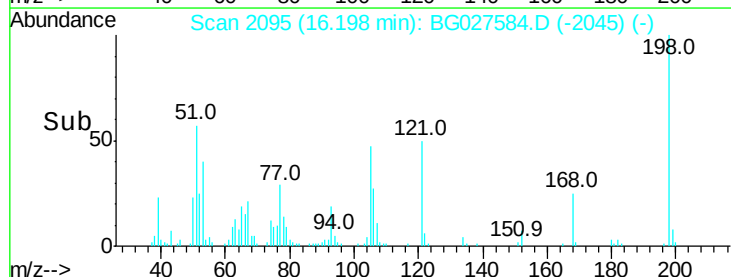
105 47.4 14.4 54.4

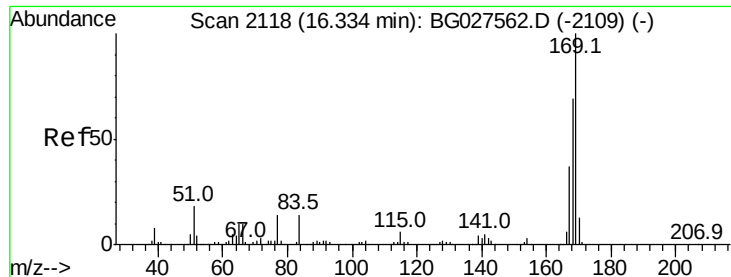


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.38 ng

RT: 16.33 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

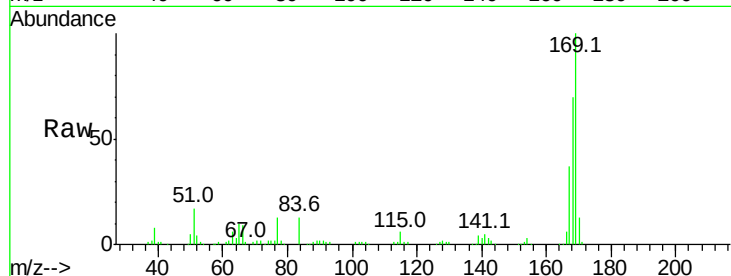
Tot Ion:169 Resp: 198314

Ion Ratio Lower Upper

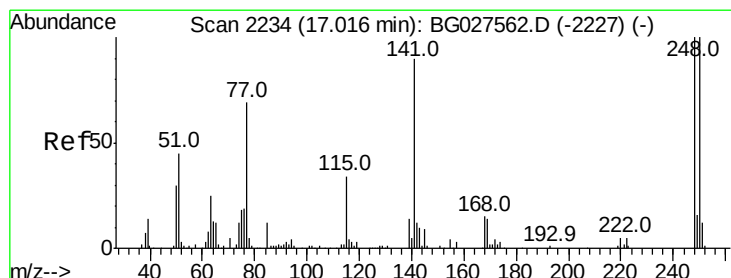
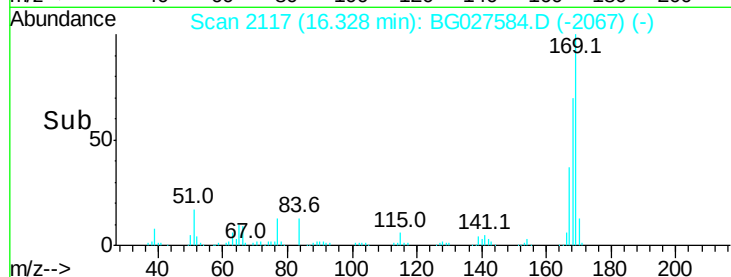
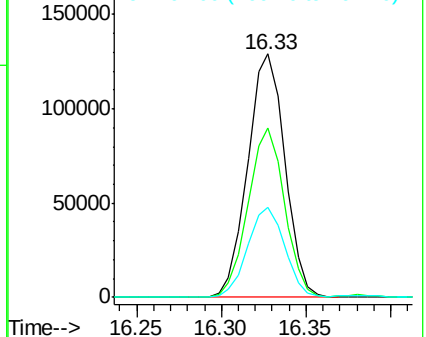
169 100

168 69.7 55.7 83.5

167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.02 ng

RT: 17.01 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

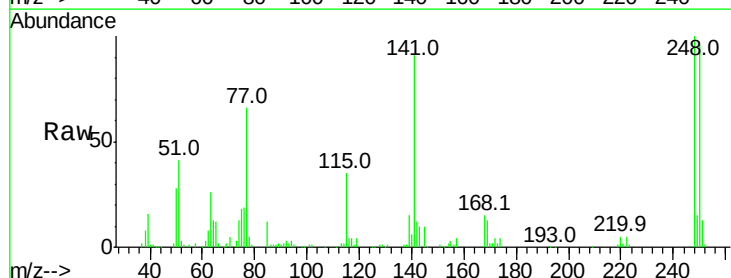
Tgt Ion:248 Resp: 72449

Ion Ratio Lower Upper

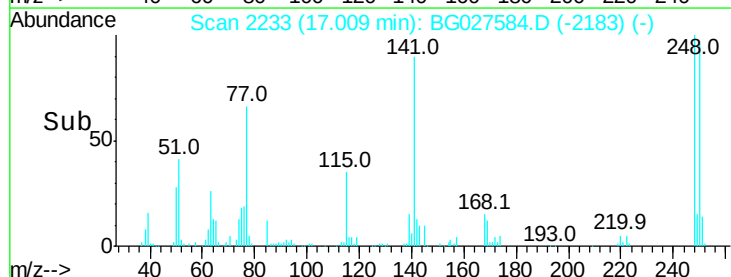
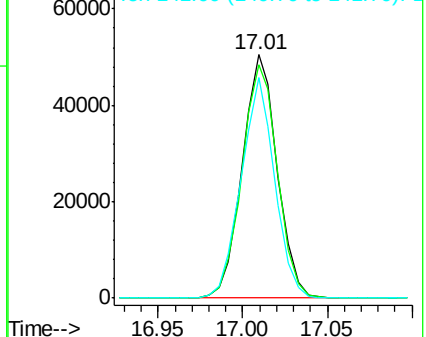
248 100

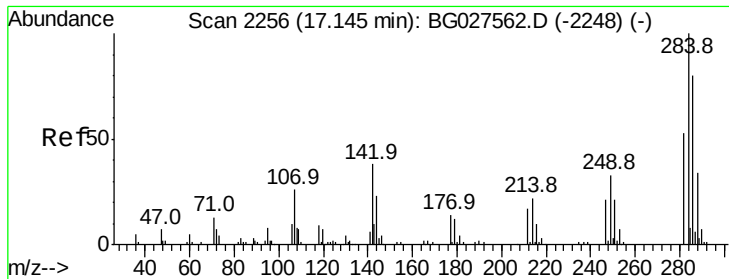
250 96.1 75.0 112.6

141 90.5 55.2 82.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.61 ng

RT: 17.14 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

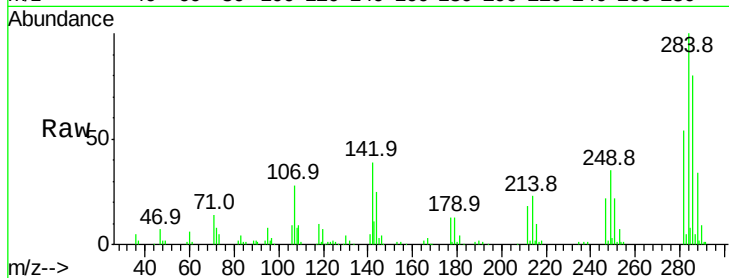
Tot Ion:284 Resp: 76543

Ion Ratio Lower Upper

284 100

142 39.3 29.9 44.9

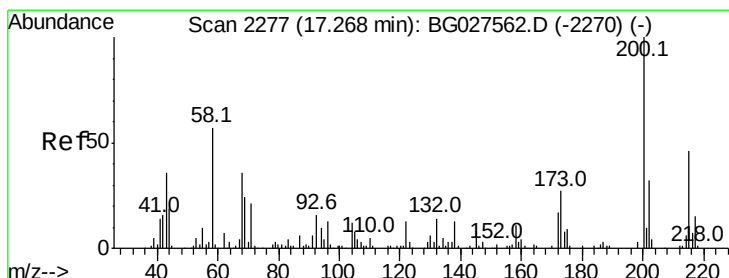
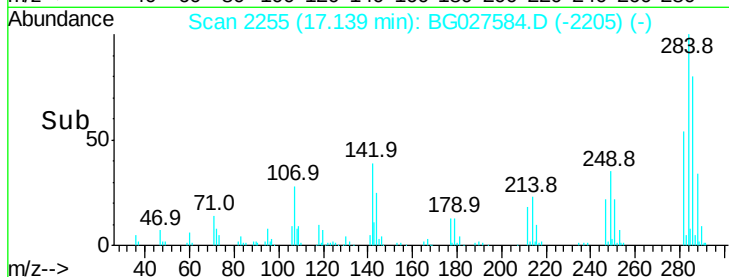
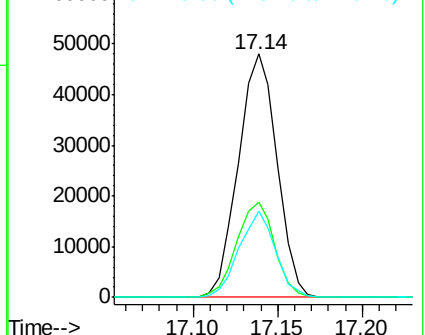
249 35.3 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.48 ng

RT: 17.26 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

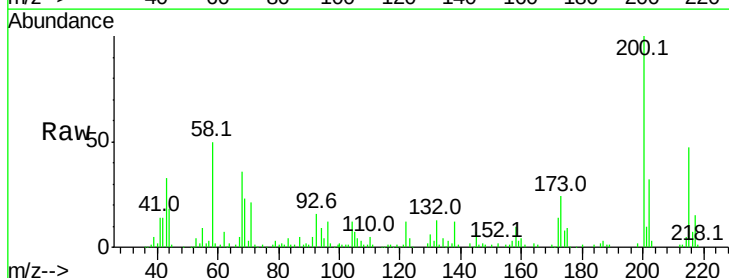
Tgt Ion:200 Resp: 79023

Ion Ratio Lower Upper

200 100

173 24.3 3.0 43.0

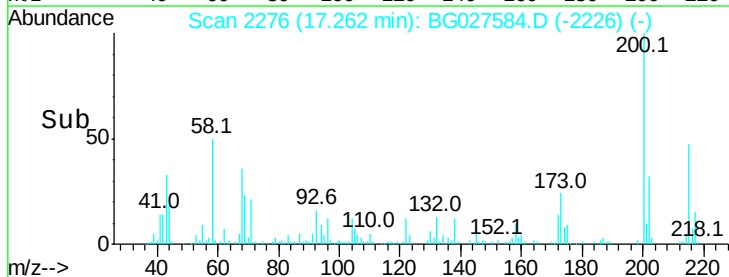
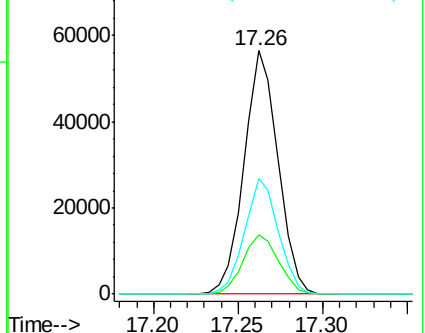
215 47.3 28.4 68.4

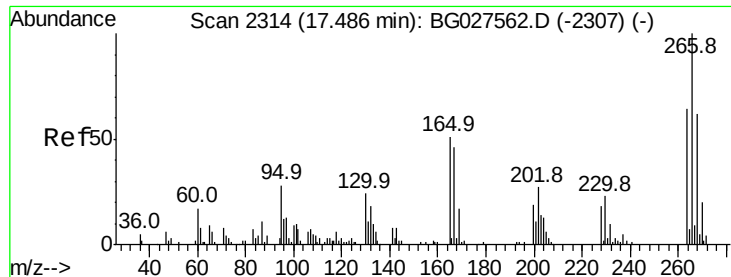


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

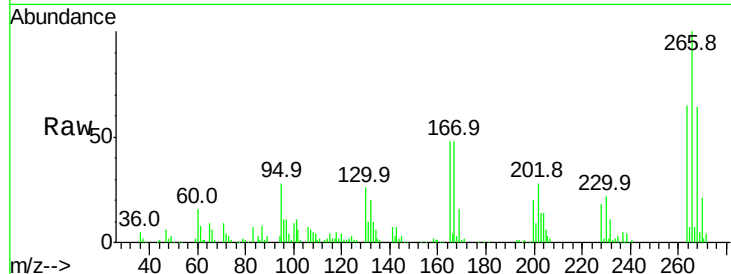




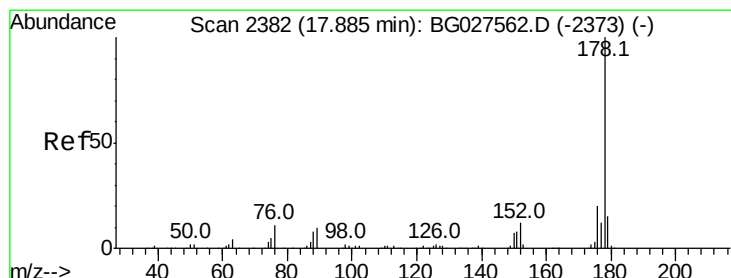
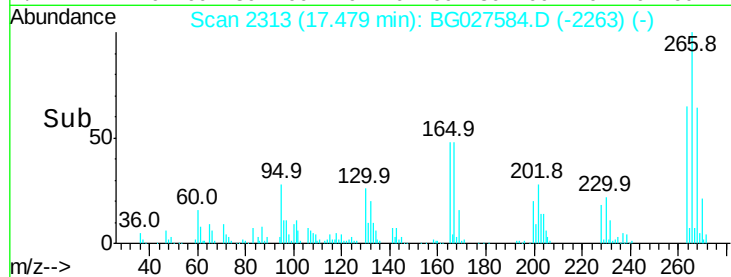
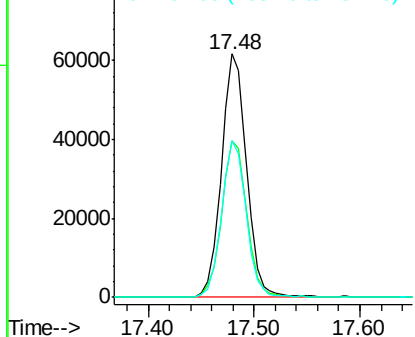
#69
 Pentachlorophenol
 Concen: 76.05 ng
 RT: 17.48 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.6	72.8
264	64.5	50.1	75.1

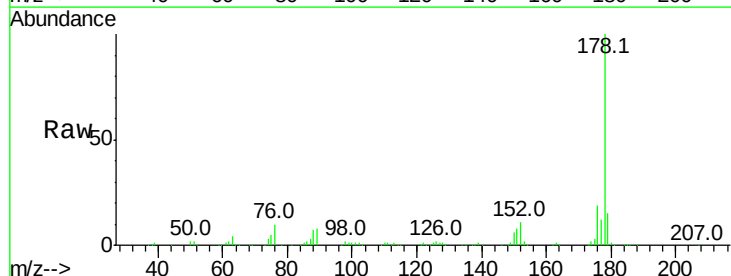


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

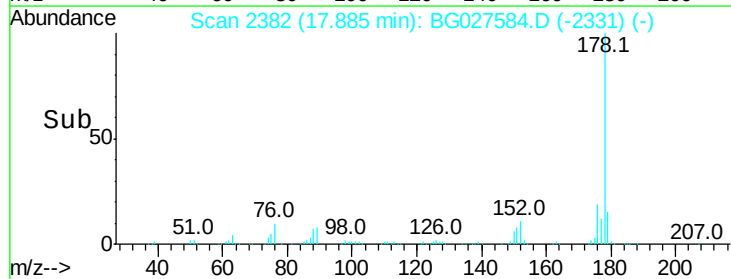
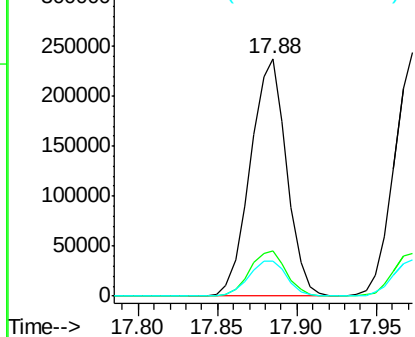


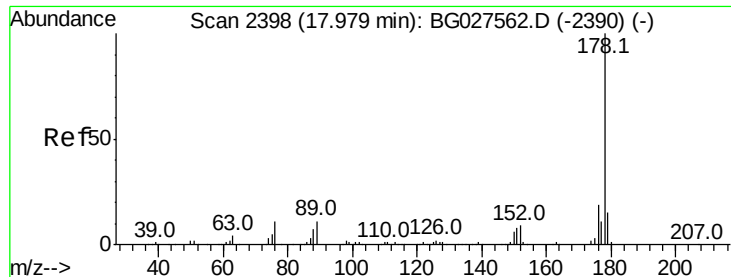
#70
 Phenanthrene
 Concen: 36.23 ng
 RT: 17.88 min Scan# 2382
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.7	26.5
179	15.0	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

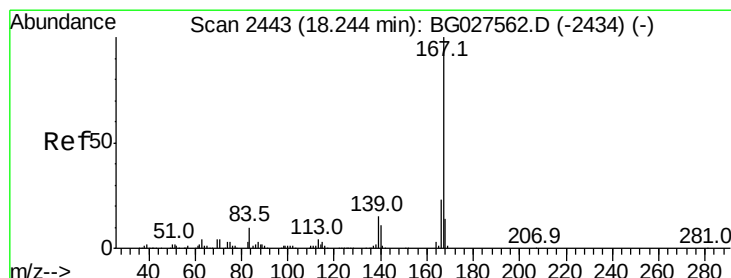
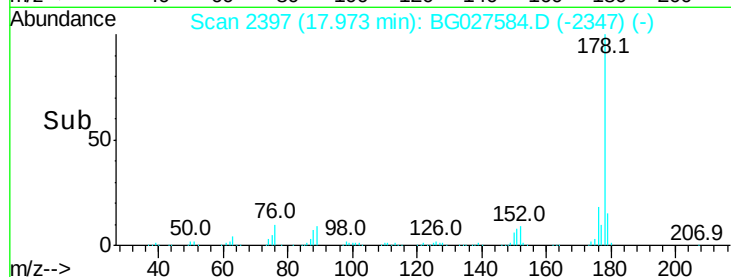
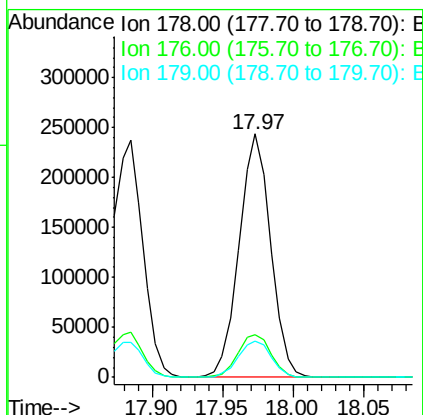
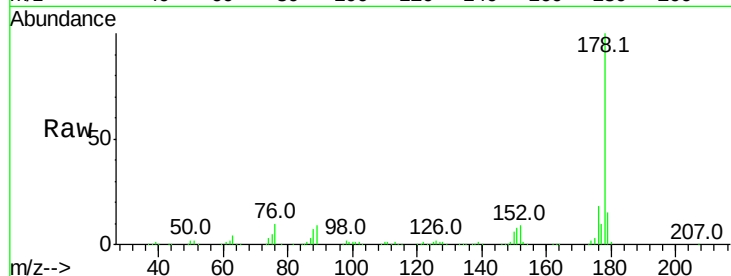




#71
 Anthracene
 Concen: 36.25 ng
 RT: 17.97 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

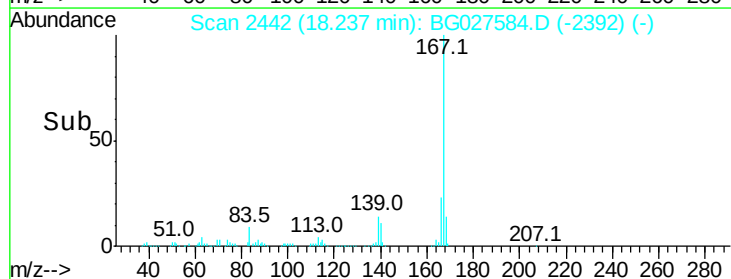
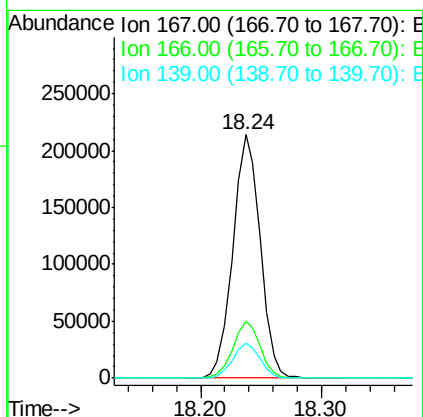
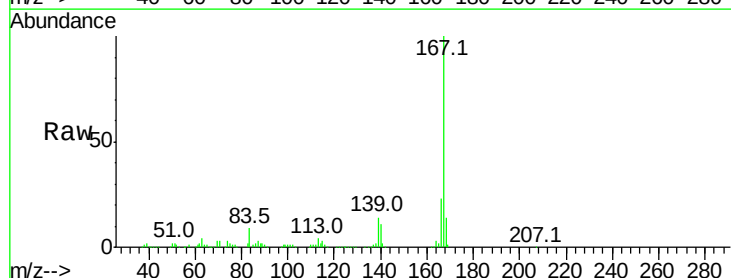
Instrument :
 BNA_G
 ClientSampleId :

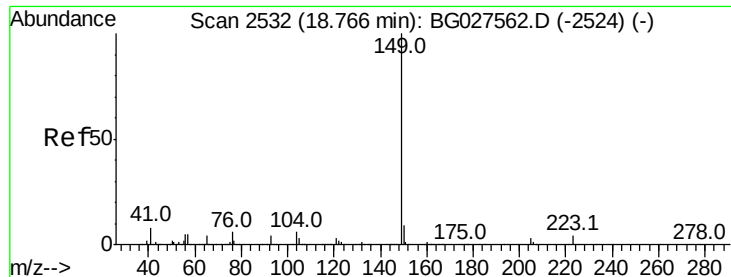
Tot Ion:178 Resp: 379651
 Ion Ratio Lower Upper
 178 100
 176 17.8 16.4 24.6
 179 14.9 13.8 20.8



#72
 Carbazole
 Concen: 33.05 ng
 RT: 18.24 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:167 Resp: 337252
 Ion Ratio Lower Upper
 167 100
 166 23.1 20.2 30.2
 139 14.4 12.8 19.2





#73

Di-n-butylphthalate

Concen: 37.15 ng

RT: 18.76 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

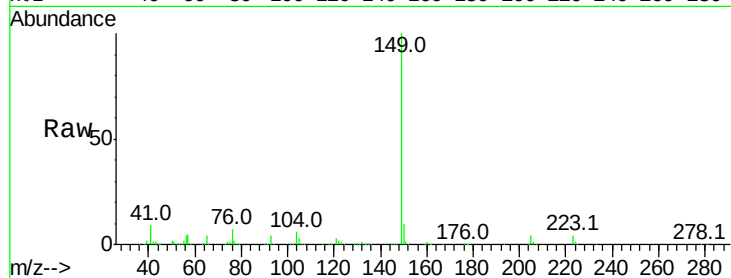
Tot Ion:149 Resp: 424778

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

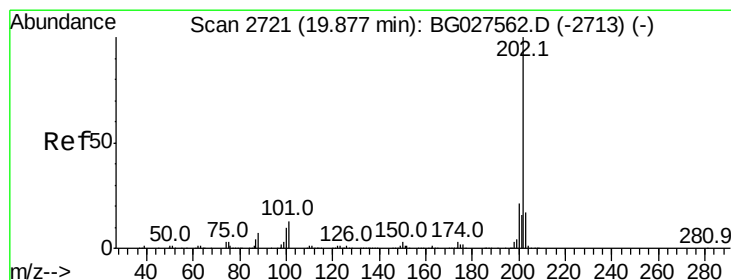
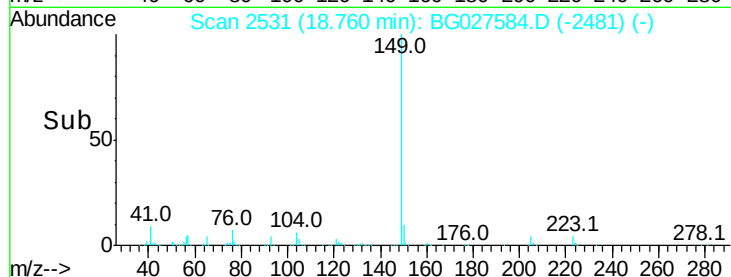
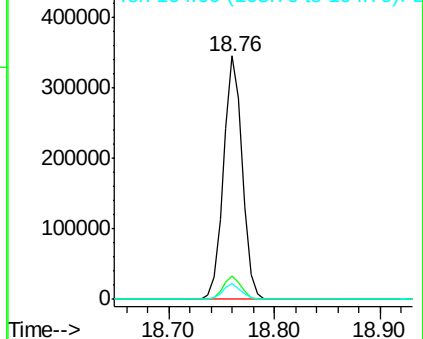
104 6.3 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.51 ng

RT: 19.87 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

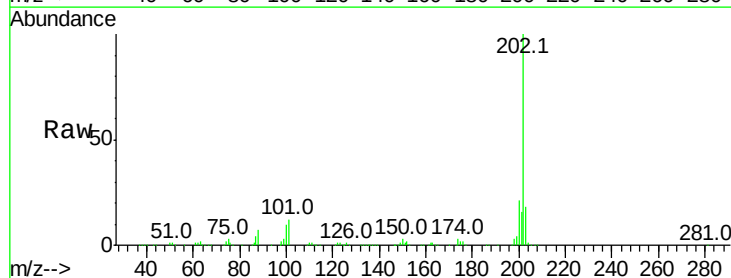
Tgt Ion:202 Resp: 442461

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.1

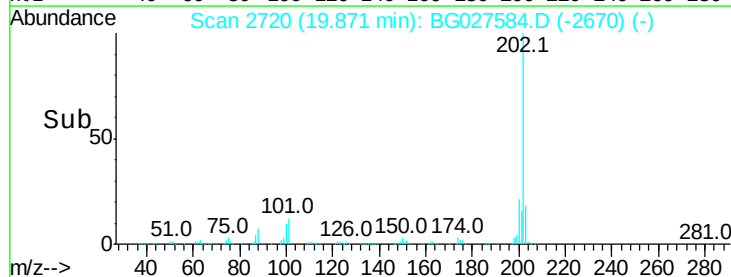
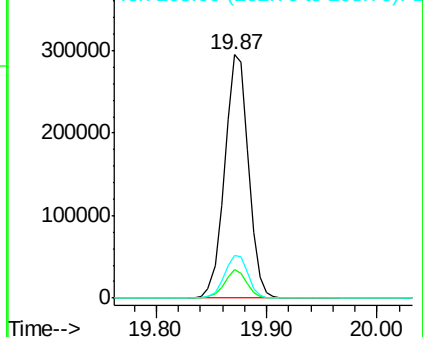
203 17.6 1.3 41.3

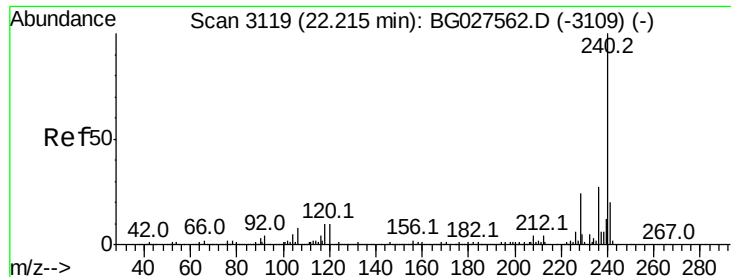


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

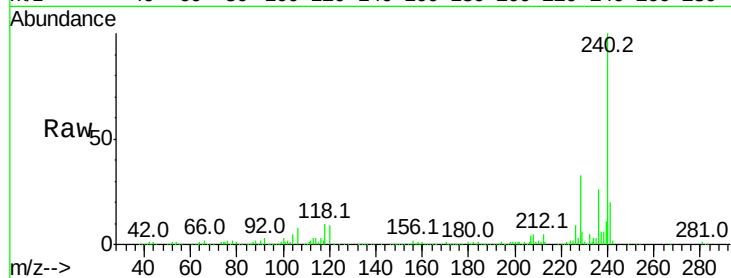
Tot Ion:240 Resp: 205926

Ion Ratio Lower Upper

240 100

120 9.0 5.7 8.5#

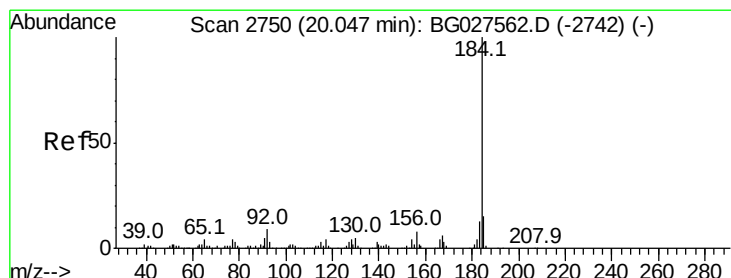
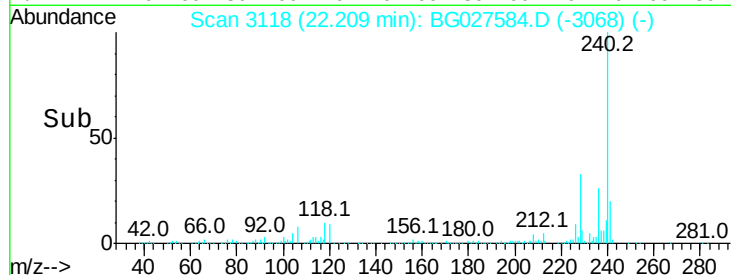
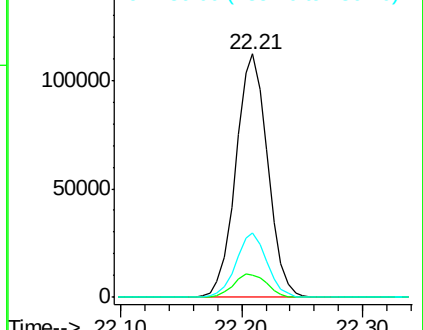
236 26.5 22.2 33.4



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: 44.50 ng

RT: 20.04 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

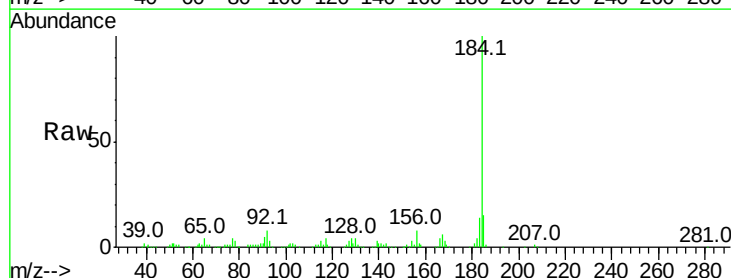
Tgt Ion:184 Resp: 224932

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

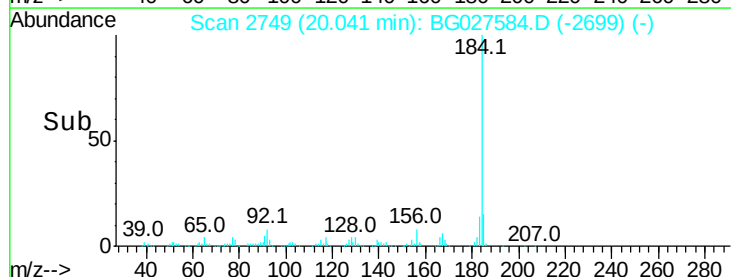
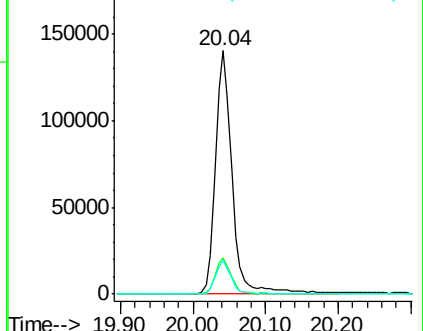
183 13.6 11.0 16.6

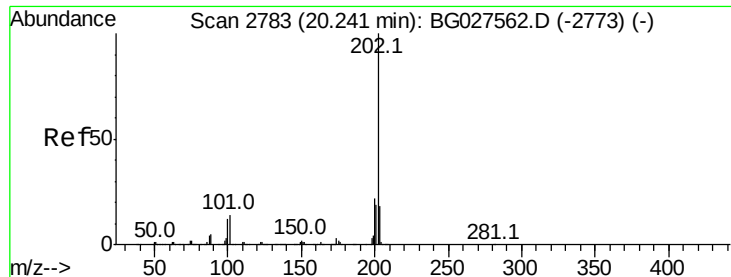


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.58 ng

RT: 20.23 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

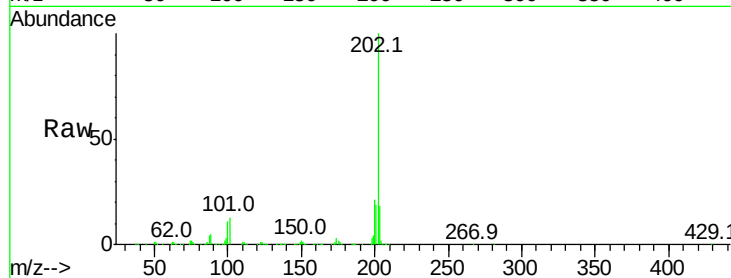
Tot Ion:202 Resp: 457873

Ion Ratio Lower Upper

202 100

200 21.2 19.6 29.4

203 17.7 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

20.23

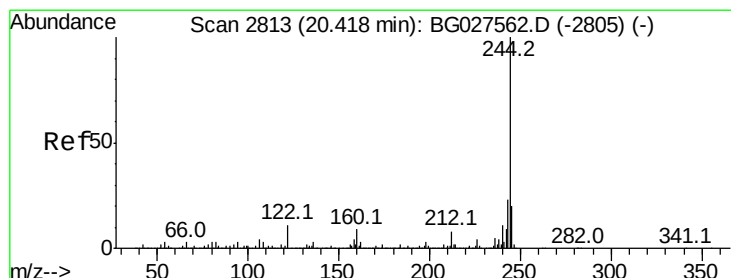
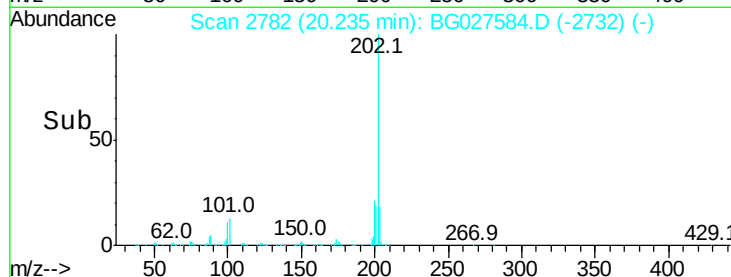
300000

200000

100000

0

Time--> 20.10 20.20 20.30



#78

Terphenyl-d14

Concen: 79.15 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

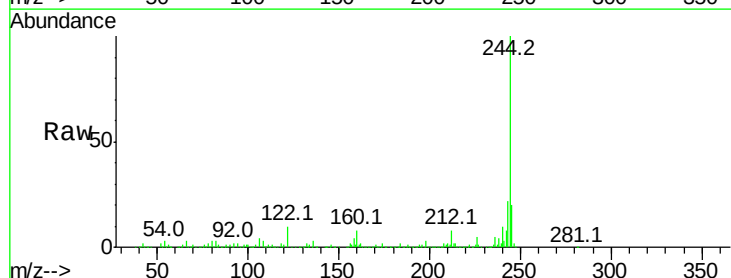
Tgt Ion:244 Resp: 691746

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 10.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.41

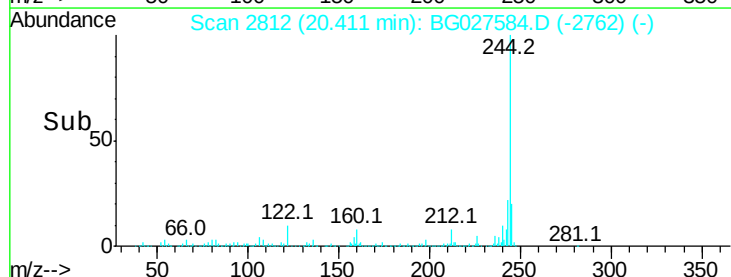
600000

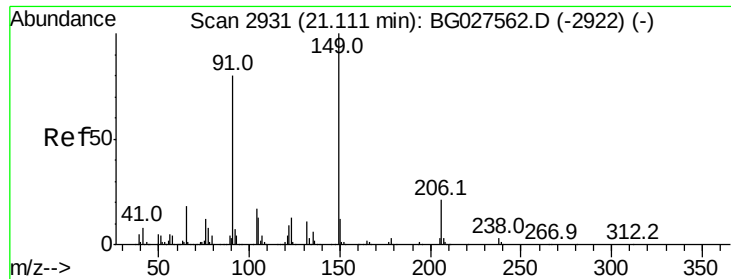
400000

200000

0

Time--> 20.40 20.50

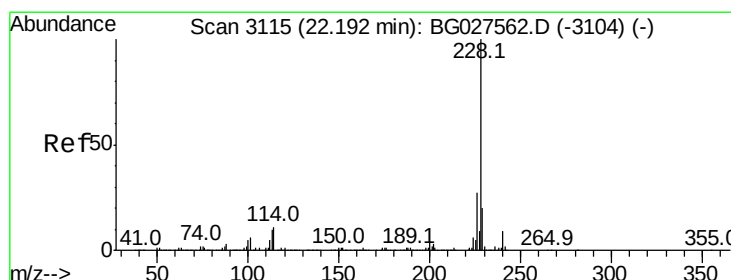
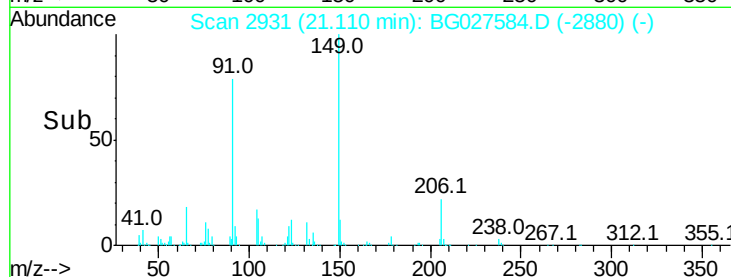
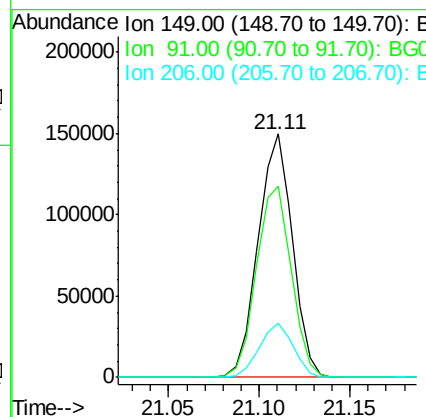
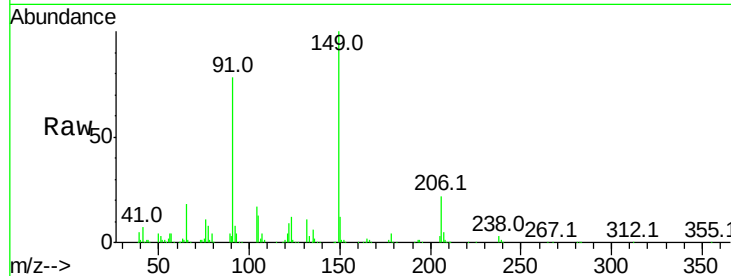




#79
Butylbenzylphthalate
Concen: 37.62 ng
RT: 21.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

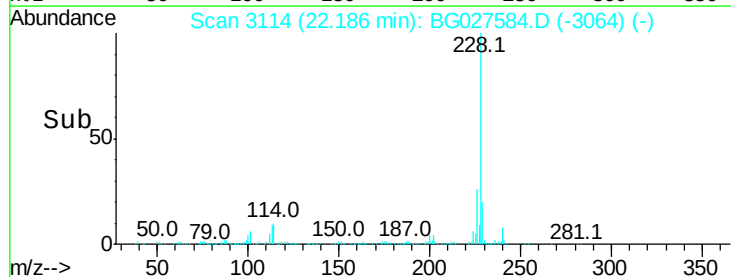
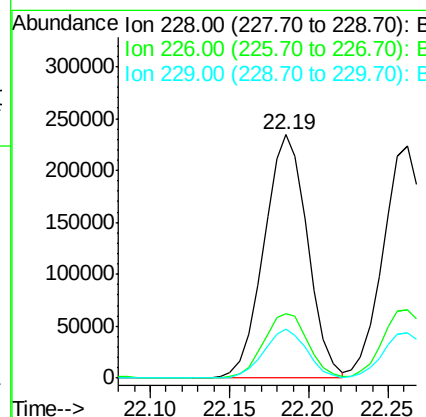
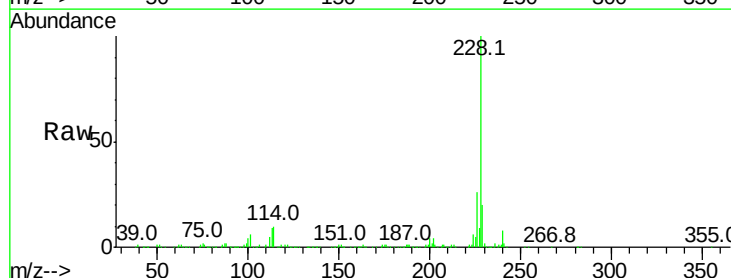
Instrument :
BNA_G
ClientSampleId :

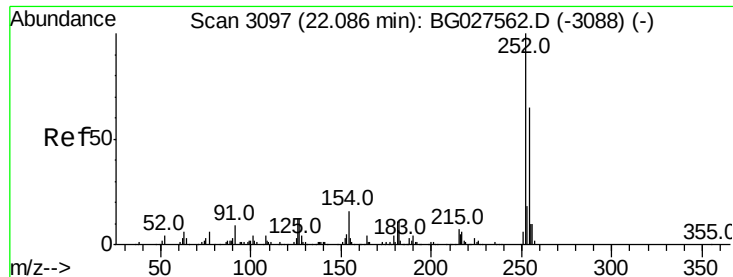
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.5	63.5	95.3
206	22.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 36.05 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.9	37.3
229	20.0	18.2	27.2





#81

3,3'-Dichlorobenzidine

Concen: 26.97 ng

RT: 22.08 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

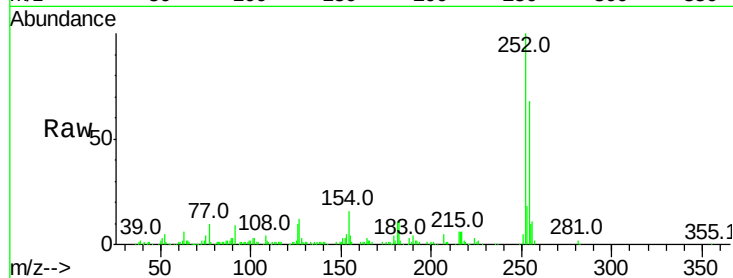
Tot Ion:252 Resp: 120460

Ion Ratio Lower Upper

252 100

254 67.6 53.1 79.7

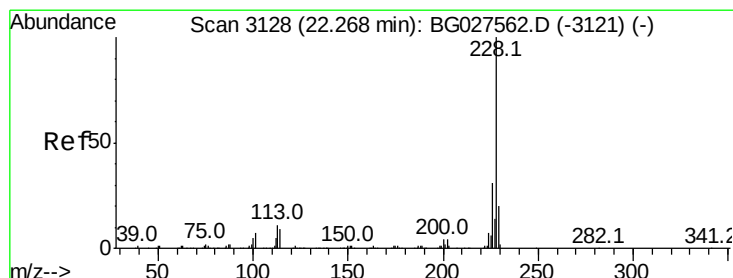
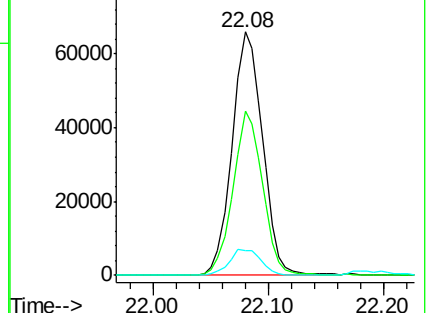
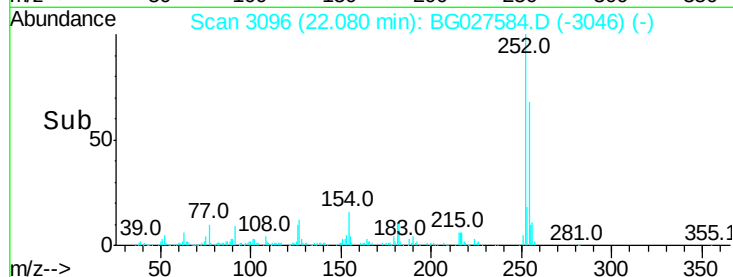
126 10.2 7.0 10.4



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: 35.65 ng

RT: 22.26 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

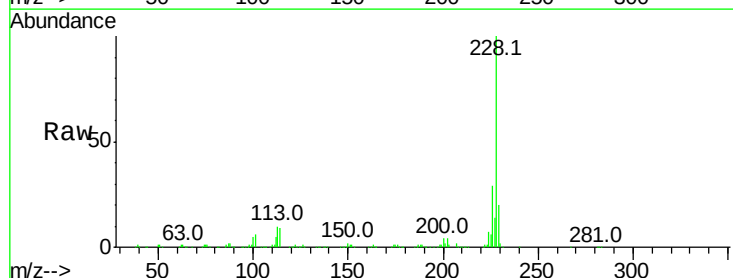
Tgt Ion:228 Resp: 417309

Ion Ratio Lower Upper

228 100

226 29.3 27.0 40.4

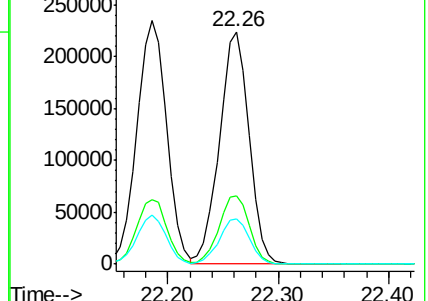
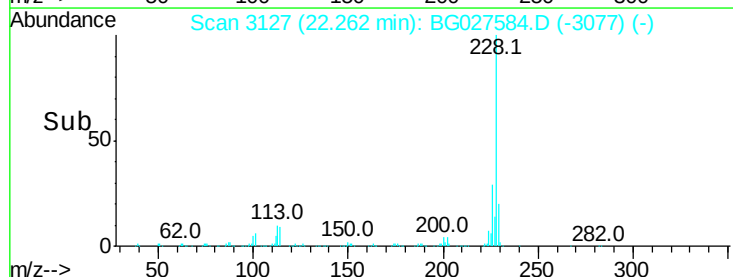
229 19.7 17.8 26.6

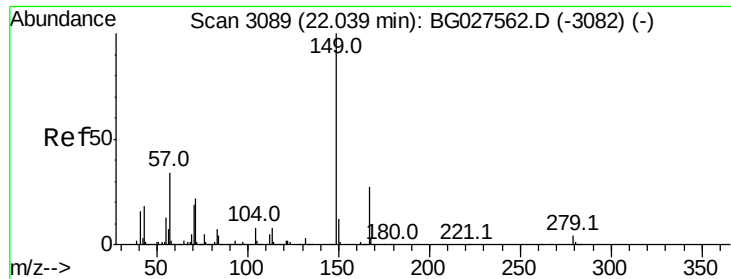


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

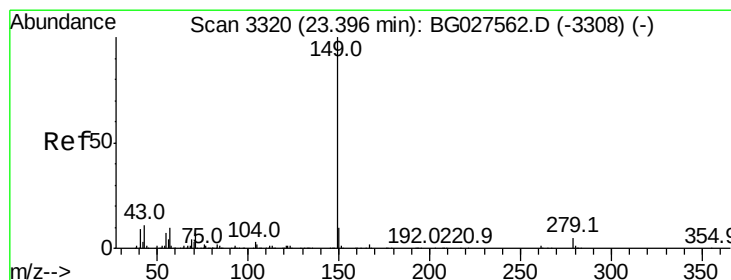
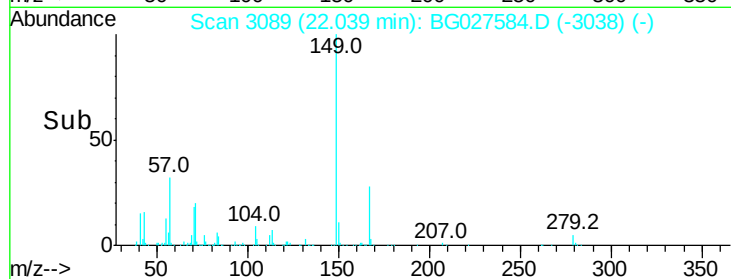
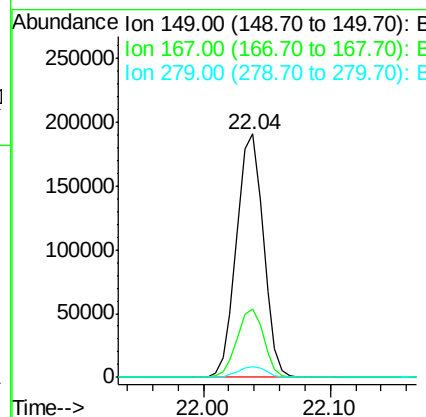
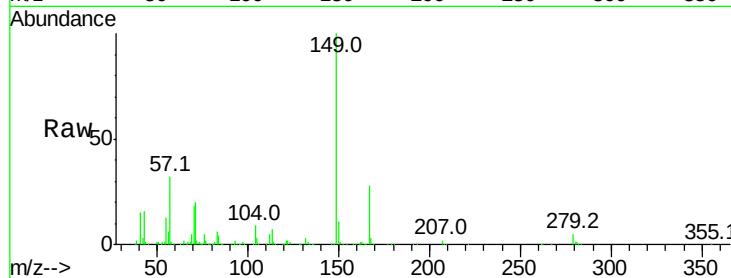




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.56 ng
 RT: 22.04 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

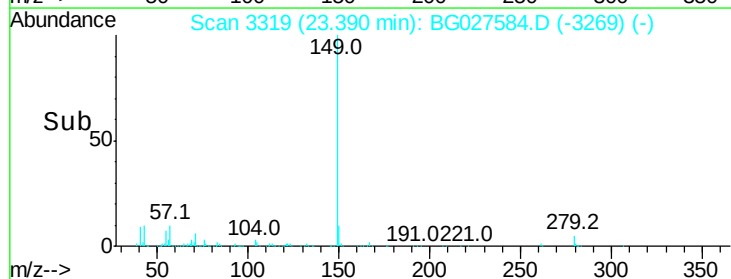
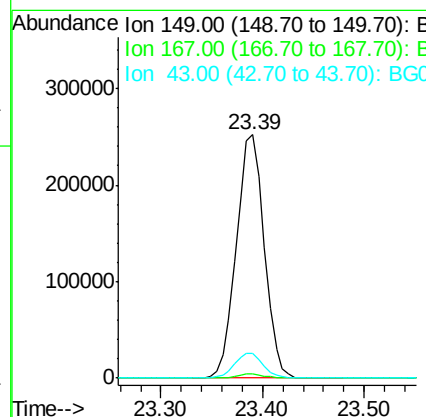
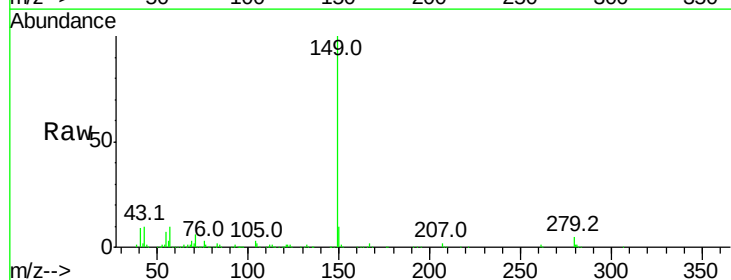
Instrument :
 BNA_G
 ClientSampleId :

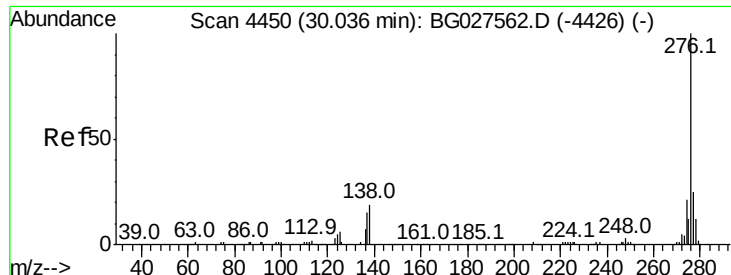
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.7	35.5
279	4.6	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 37.77 ng
 RT: 23.39 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	10.3	11.8	17.6

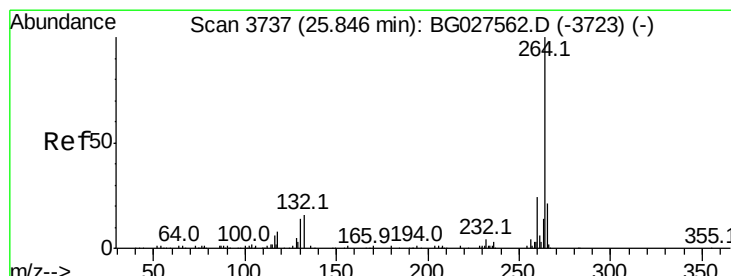
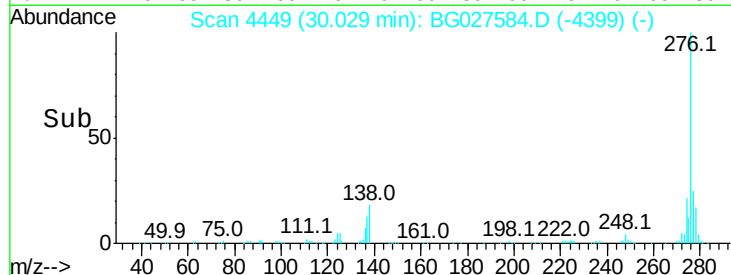
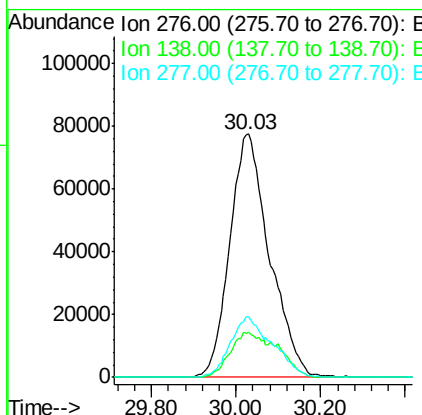
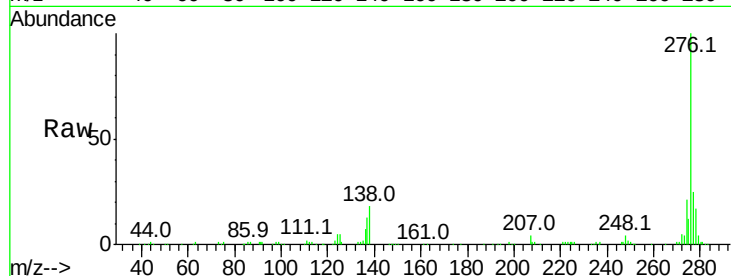




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.83 ng
 RT: 30.03 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

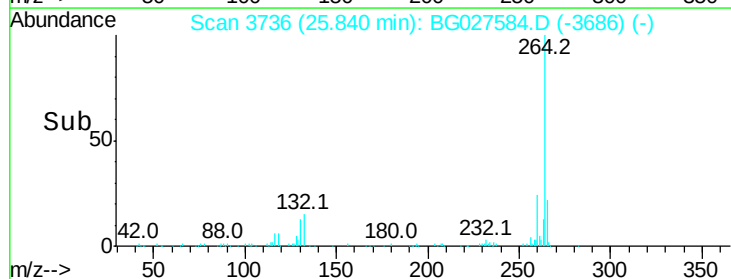
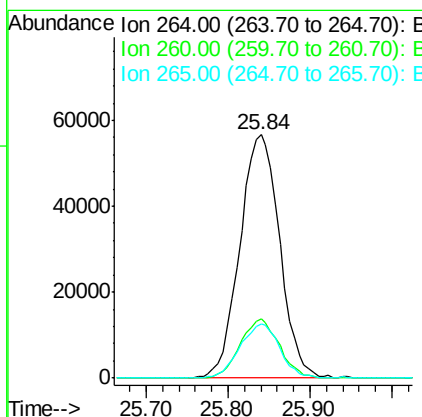
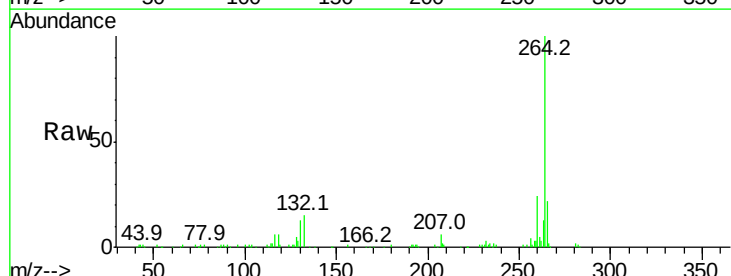
Instrument :
 BNA_G
 ClientSampleId :

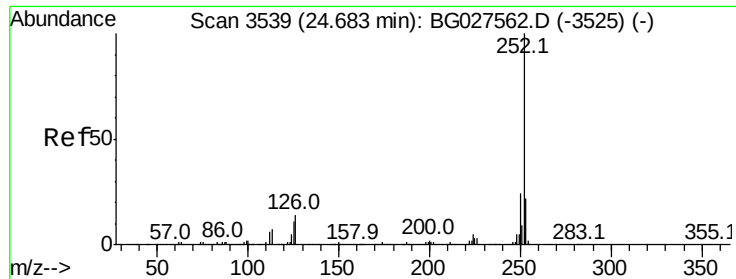
Tot Ion:276 Resp: 504736
 Ion Ratio Lower Upper
 276 100
 138 15.7 4.7 7.1#
 277 26.3 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027584.D
 Acq: 22 Jun 2017 7:05

Tgt Ion:264 Resp: 191308
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 22.5 18.2 27.4

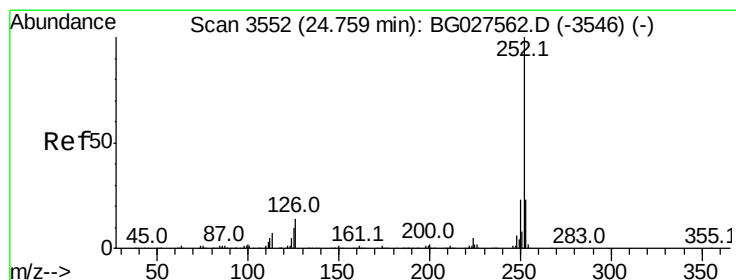
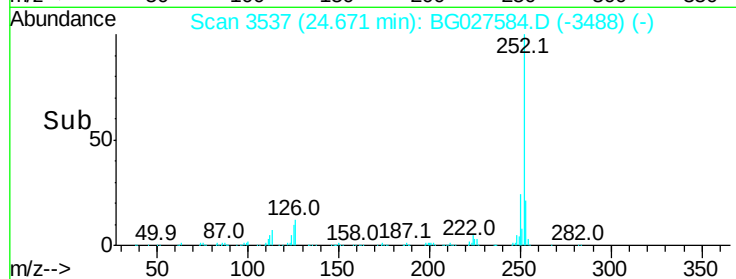
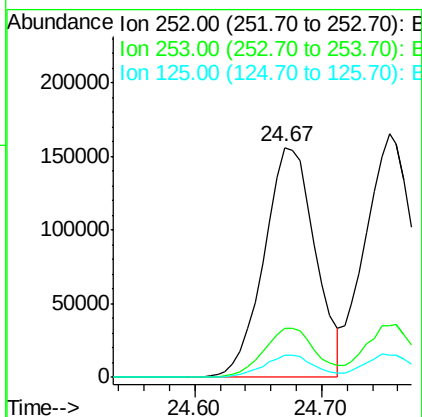
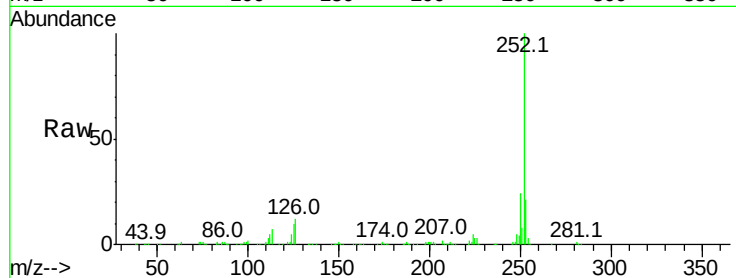




#87
Benzo(b)fluoranthene
Concen: 35.91 ng
RT: 24.67 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

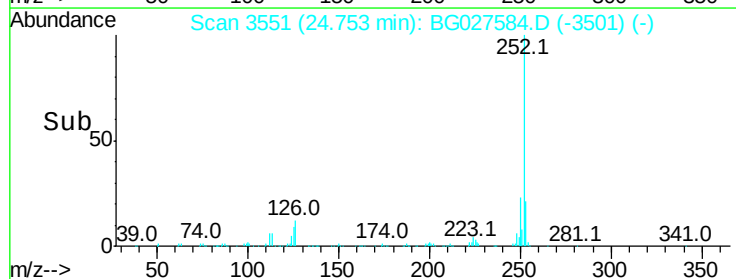
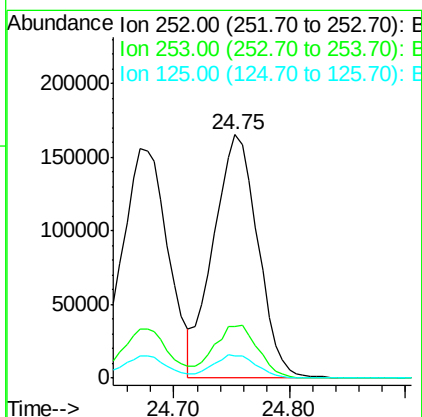
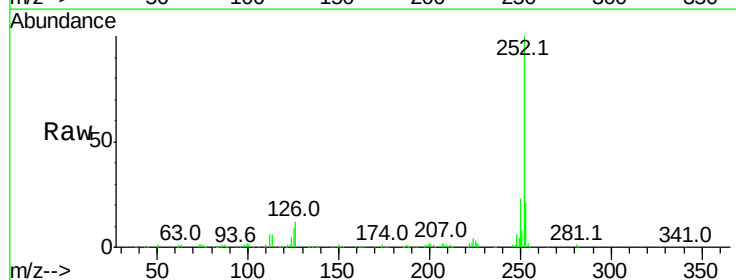
Instrument :
BNA_G
ClientSampleId :

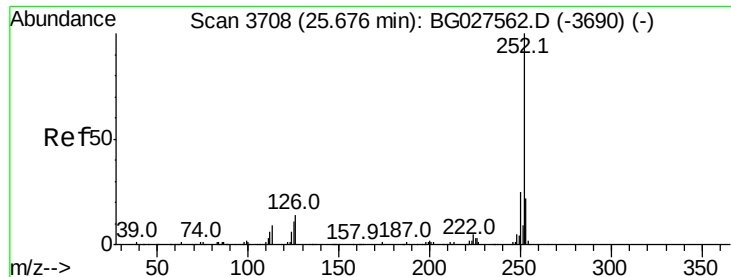
Tot Ion:252 Resp: 439226
Ion Ratio Lower Upper
252 100
253 21.2 18.7 28.1
125 9.6 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 36.78 ng
RT: 24.75 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG027584.D
Acq: 22 Jun 2017 7:05

Tgt Ion:252 Resp: 440093
Ion Ratio Lower Upper
252 100
253 21.2 20.2 30.2
125 9.3 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 36.79 ng

RT: 25.67 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

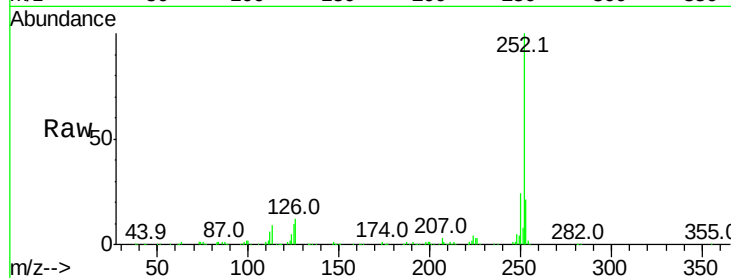
Tot Ion:252 Resp: 424738

Ion Ratio Lower Upper

252 100

253 21.4 19.2 28.8

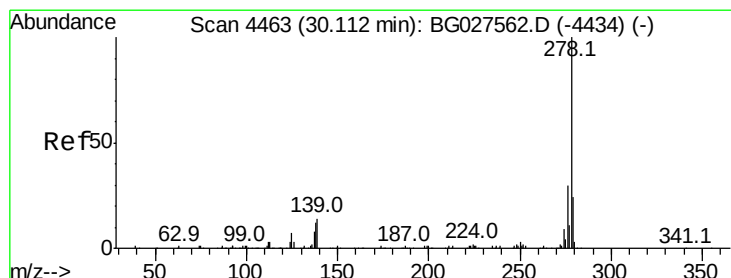
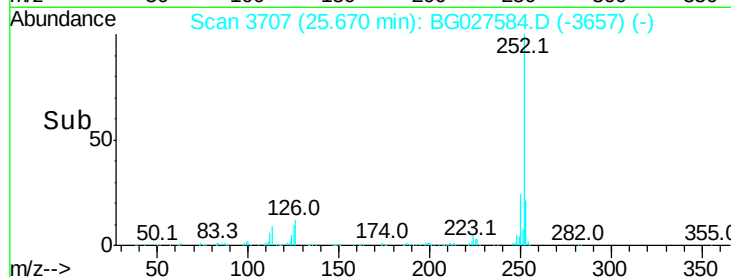
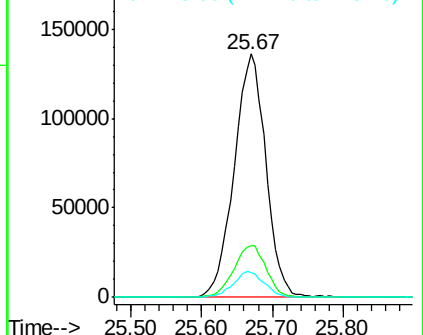
125 10.3 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.85 ng

RT: 30.10 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

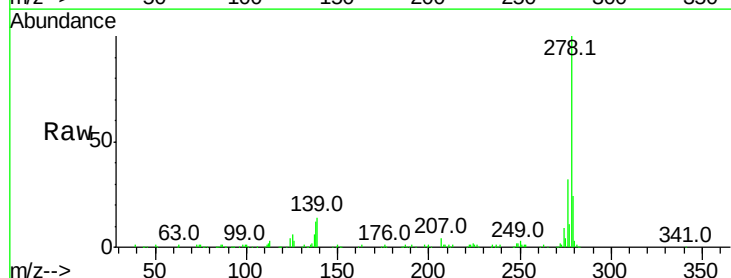
Tgt Ion:278 Resp: 433324

Ion Ratio Lower Upper

278 100

139 14.0 7.7 11.5#

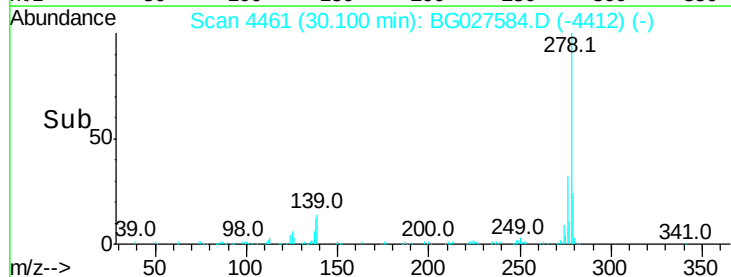
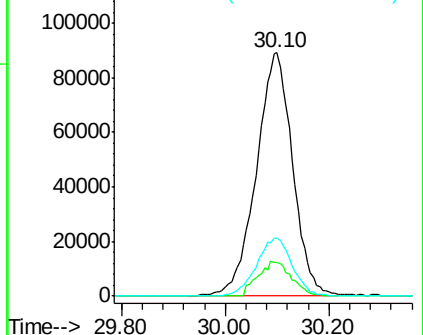
279 23.9 19.1 28.7

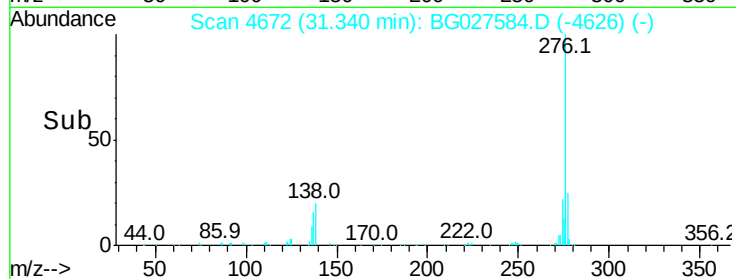
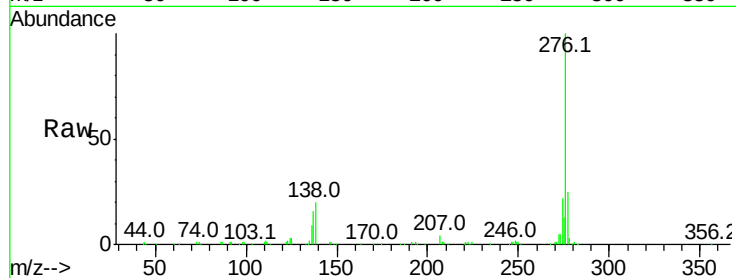
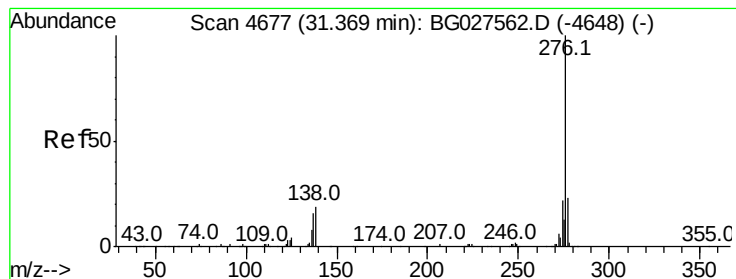


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.50 ng

RT: 31.34 min Scan# 4672

Delta R.T. -0.03 min

Lab File: BG027584.D

Acq: 22 Jun 2017 7:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 416799

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 19.5 8.1 12.1#

