

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027313.D
 Acq On : 8 Jun 2017 11:23
 Operator : SJ/MA
 Sample : I3473-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 11:58:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51191	20.00	ng	-0.02
21) Naphthalene-d8	11.41	136	246043	20.00	ng	0.00
38) Acenaphthene-d10	15.14	164	157271	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	351381	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	404565	20.00	ng	-0.04
86) Perylene-d12	25.96	264	372176	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	217728	64.90	ng	-0.01
7) Phenol-d6	7.69	99	204236	41.48	ng	-0.01
23) Nitrobenzene-d5	9.73	82	449111	114.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	326550	157.68	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1021889	90.90	ng	-0.02
78) Terphenyl-d14	20.46	244	1472886	92.87	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	73634	52.94	ng	# 83
3) Pyridine	4.54	79	41368	9.65	ng	# 75
4) n-Nitrosodimethylamine	4.45	42	27022	17.02	ng	# 37
6) Aniline	7.89	93	141441	22.81	ng	# 92
8) 2-Chlorophenol	8.12	128	138716	39.16	ng	92
9) Benzaldehyde	7.71	77	154417	45.35	ng	# 1
10) Phenol	7.72	94	78613	15.61	ng	80
11) bis(2-Chloroethyl)ether	7.96	93	183732	44.47	ng	90
12) 1,3-Dichlorobenzene	8.45	146	143862	36.01	ng	93
13) 1,4-Dichlorobenzene	8.60	146	151236	36.88	ng	96
14) 1,2-Dichlorobenzene	8.92	146	149093	37.28	ng	95
15) Benzyl Alcohol	8.79	79	98643	28.43	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.07	45	288285	48.77	ng	92
17) 2-Methylphenol	8.98	107	114473	32.16	ng	# 88
18) Hexachloroethane	9.65	117	93822	67.93	ng	# 30
19) n-Nitroso-di-n-propylamine	9.35	70	166183	48.24	ng	88
20) 3+4-Methylphenols	9.30	107	140209	28.43	ng	91
22) Acetophenone	9.38	105	304801	48.44	ng	# 85
24) Nitrobenzene	9.77	77	235505	52.84	ng	# 88
25) Isophorone	10.31	82	452681	49.21	ng	# 97
26) 2-Nitrophenol	10.49	139	92537	50.01	ng	# 78
27) 2,4-Dimethylphenol	10.53	122	178184	45.05	ng	94
28) bis(2-Chloroethoxy)methane	10.79	93	281148	47.20	ng	99
29) 2,4-Dichlorophenol	11.03	162	162160	44.91	ng	98
30) 1,2,4-Trichlorobenzene	11.27	180	164106	41.04	ng	94
31) Naphthalene	11.50	128	14502930	1078.52	ng	# 35
32) Benzoic acid	10.60	122	33339	18.17	ng	96
33) 4-Chloroaniline	11.50	127	4975959	888.02	ng	# 31
34) Hexachlorobutadiene	11.71	225	96689	39.35	ng	100
35) Caprolactam	12.36	113	10922	8.82	ng	# 68
36) 4-Chloro-3-methylphenol	12.60	107	195222	43.14	ng	93
37) 2-Methylnaphthalene	13.01	142	4352913	443.77	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	210238	42.91	ng	98
40) Hexachlorocyclopentadiene	13.33	237	259954	99.69	ng	94

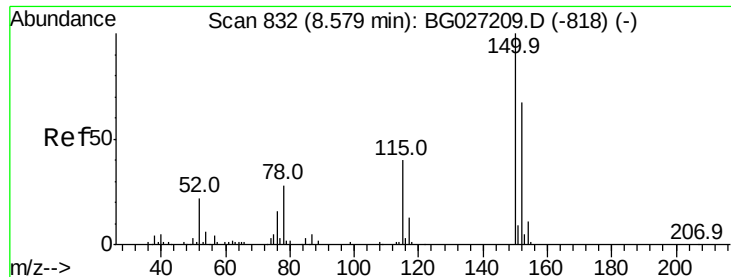
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	146255	49.22	nq	96
43) 2,4,5-Trichlorophenol	13.65	196	157496	47.36	nq	96
45) 1,1'-Biphenyl	13.98	154	1087034	84.68	nq	98
46) 2-Chloronaphthalene	14.03	162	427217	44.39	nq	99
47) 2-Nitroaniline	14.22	65	166404	58.98	nq	# 85
48) Acenaphthylene	14.87	152	1332344	81.80	nq	99
49) Dimethylphthalate	14.58	163	595386	47.72	nq	98
50) 2,6-Dinitrotoluene	14.70	165	124954	49.15	nq	88
51) Acenaphthene	15.21	154	807328	76.20	nq	100
52) 3-Nitroaniline	15.03	138	98777	38.44	nq	91
53) 2,4-Dinitrophenol	15.23	184	143486	103.68	nq	89
54) Dibenzofuran	15.54	168	775700	52.39	nq	94
55) 4-Nitrophenol	15.31	139	81444	38.04	nq	# 63
56) 2,4-Dinitrotoluene	15.49	165	176664	53.54	nq	# 87
57) Fluorene	16.18	166	836099	63.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	153574	51.74	nq	97
59) Diethylphthalate	15.93	149	597133	47.99	nq	98
60) 4-Chlorophenyl-phenylether	16.17	204	290559	43.86	nq	94
61) 4-Nitroaniline	16.20	138	136371	50.36	nq	# 68
62) Azobenzene	16.46	77	621169	53.86	nq	90
64) 4,6-Dinitro-2-methylphenol	16.25	198	97873	58.24	nq	88
65) n-Nitrosodiphenylamine	16.38	169	508407	46.15	nq	99
66) 4-Bromophenyl-phenylether	17.06	248	192185	46.21	nq	95
67) Hexachlorobenzene	17.19	284	202613	45.29	nq	91
68) Atrazine	17.32	200	179967	48.85	nq	95
69) Pentachlorophenol	17.53	266	262754	100.21	nq	96
70) Phenanthrene	17.94	178	1311360	66.33	nq	97
71) Anthracene	18.02	178	963133	48.63	nq	99
72) Carbazole	18.29	167	900804	48.22	nq	97
73) Di-n-butylphthalate	18.82	149	1013813	55.97	nq	# 94
74) Fluoranthene	19.92	202	1043944	49.43	nq	94
77) Pyrene	20.28	202	1092315	44.69	nq	97
79) Butylbenzylphthalate	21.17	149	467217	54.09	nq	94
80) Benzo(a)anthracene	22.25	228	1063247	46.08	nq	96
81) 3,3'-Dichlorobenzidine	22.15	252	256108	28.53	nq	97
82) Chrysene	22.33	228	992558	44.81	nq	96
83) Bis(2-ethylhexyl)phthalate	22.11	149	686135	52.57	nq	99
84) Di-n-octyl phthalate	23.49	149	1132431	52.38	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.20	276	1244005	46.37	nq	# 93
87) Benzo(b)fluoranthene	24.78	252	1072428	46.46	nq	# 97
88) Benzo(k)fluoranthene	24.86	252	1053460	46.52	nq	# 94
89) Benzo(a)pyrene	25.79	252	1027146	47.27	nq	# 95
90) Dibenzo(a,h)anthracene	30.29	278	1059700	46.59	nq	# 94
91) Benzo(g,h,i)perylene	31.54	276	1008600	45.79	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

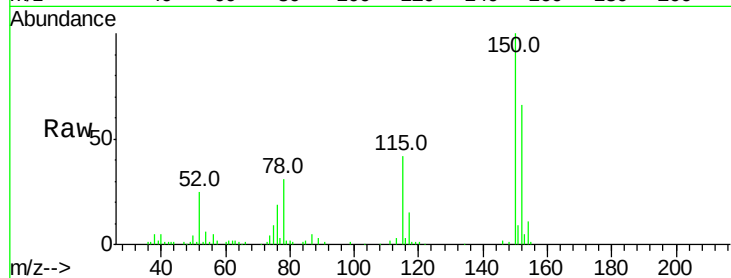
Tot Ion:152 Resp: 51191

Ion Ratio Lower Upper

152 100

150 152.5 114.0 171.0

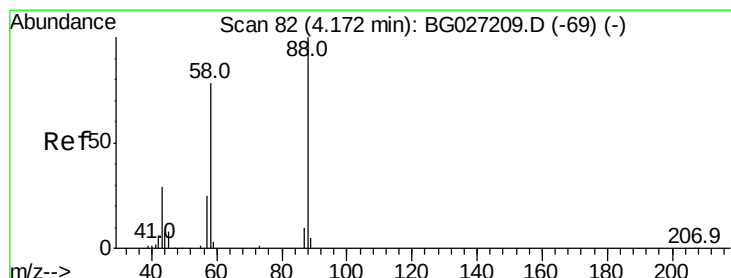
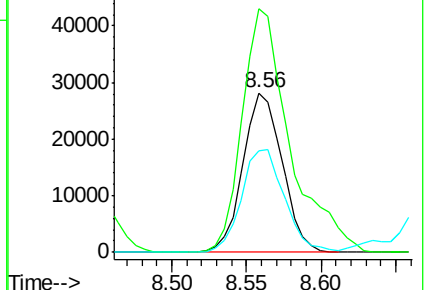
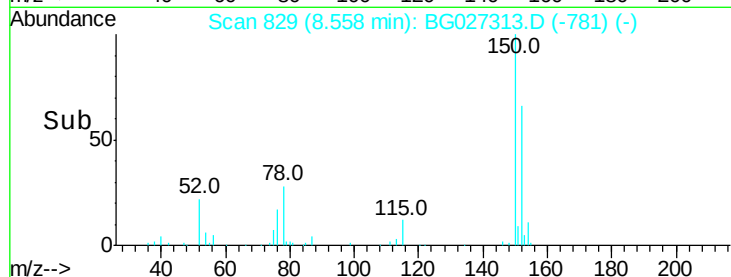
115 63.3 48.1 72.1



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: 52.94 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

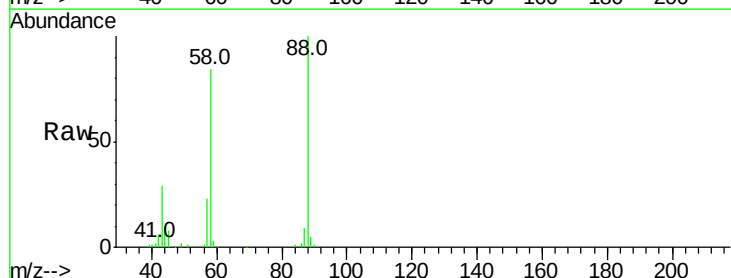
Tgt Ion: 88 Resp: 73634

Ion Ratio Lower Upper

88 100

58 84.9 79.4 119.2

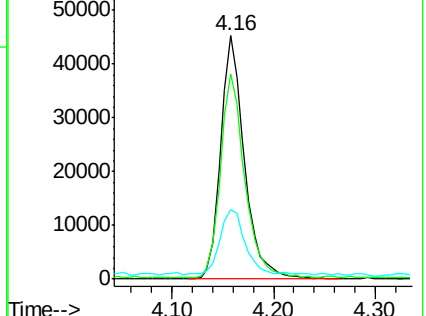
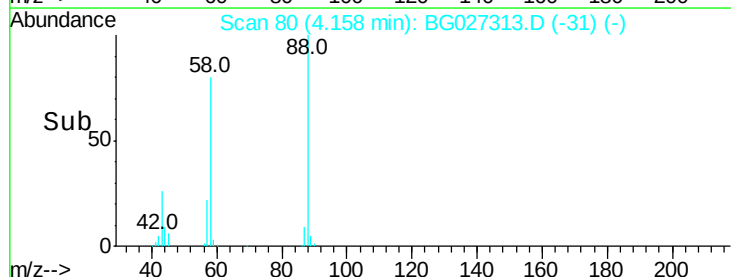
43 27.2 33.8 50.6#

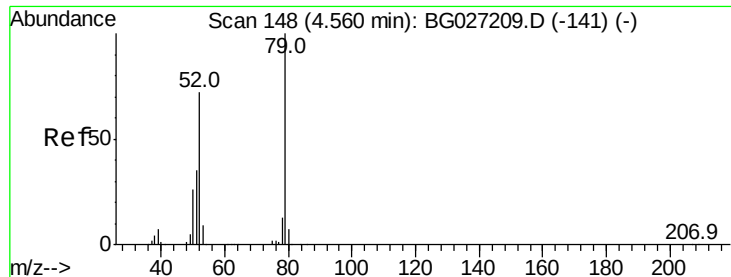


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 9.65 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

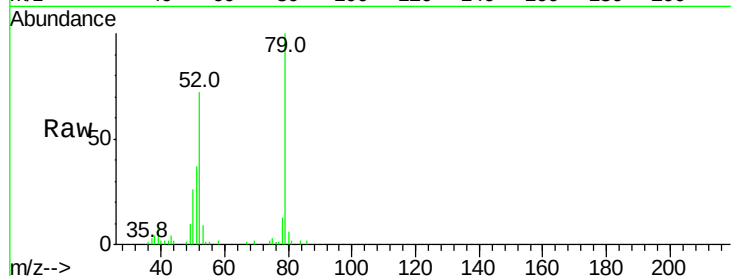
Tot Ion: 79 Resp: 41368

Ion Ratio Lower Upper

79 100

52 72.3 77.8 116.6#

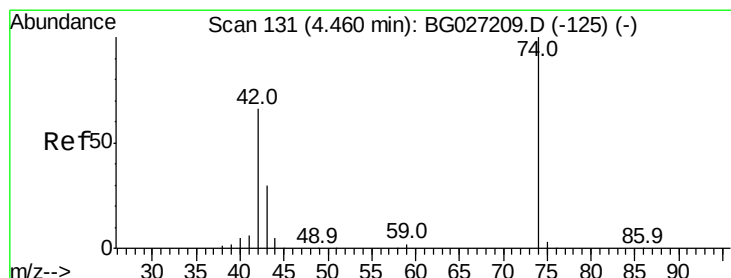
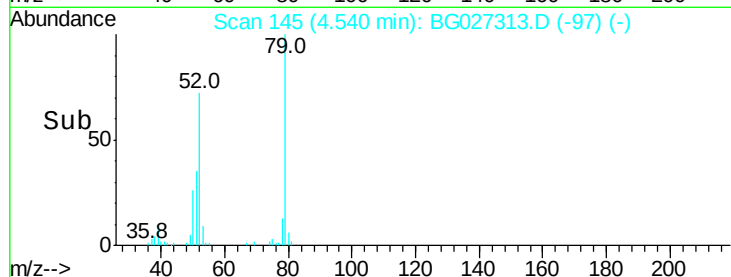
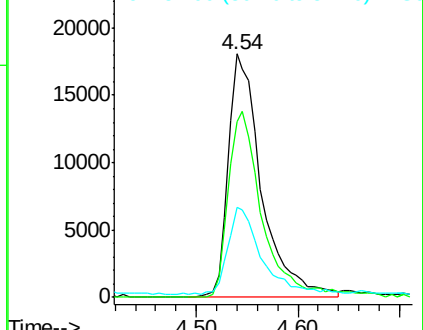
51 37.1 43.2 64.8#



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: 17.02 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

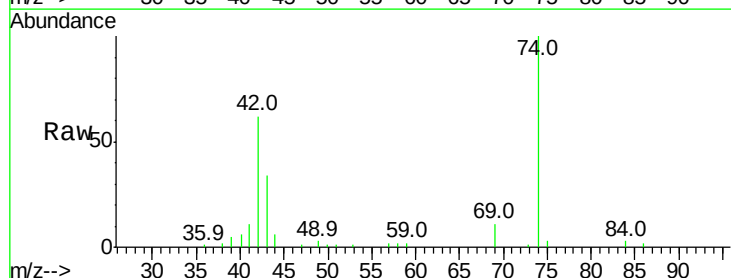
Tgt Ion: 42 Resp: 27022

Ion Ratio Lower Upper

42 100

74 161.5 76.7 115.1#

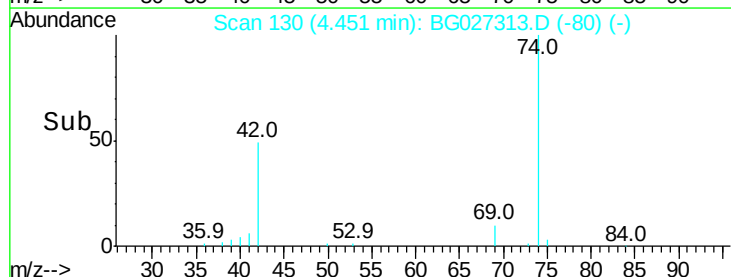
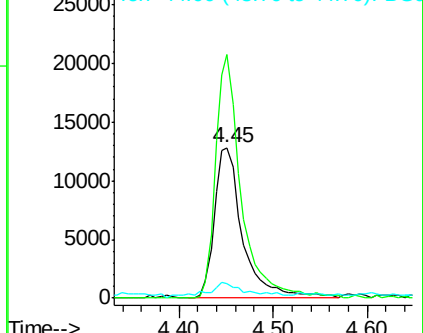
44 9.2 6.1 9.1#

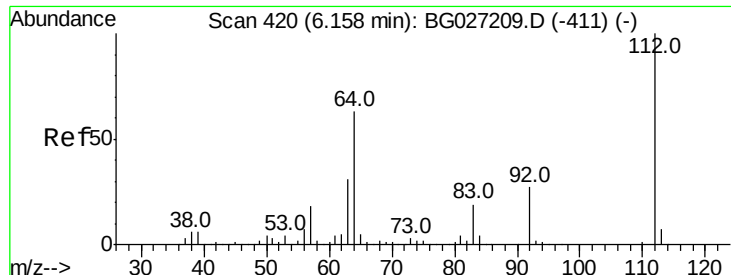


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 64.90 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027313.D

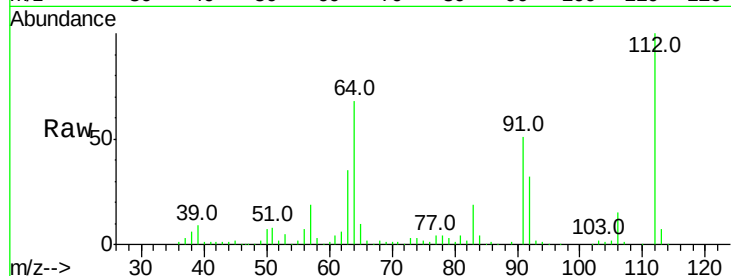
Acq: 8 Jun 2017 11:23

Instrument :

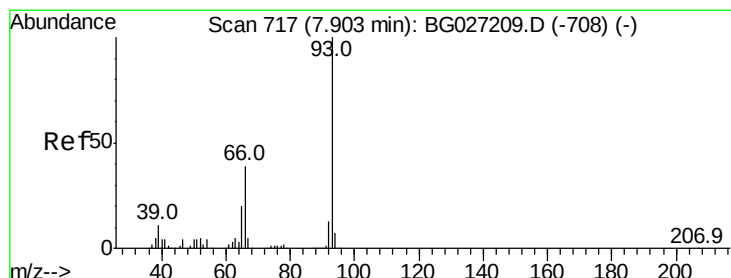
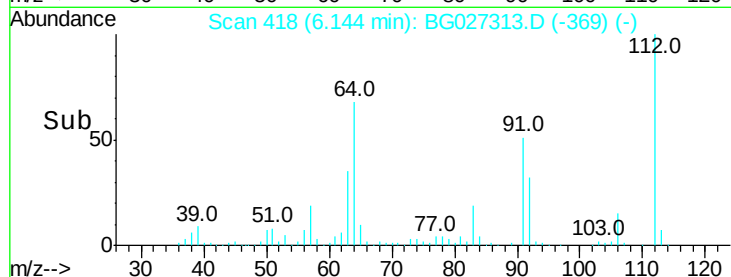
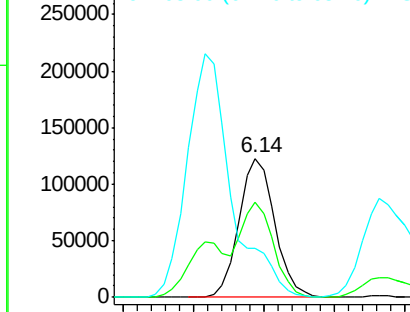
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	217728
Ion	Ratio	Lower	Upper
112	100		
64	68.2	61.8	92.6
63	35.5	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: 22.81 ng

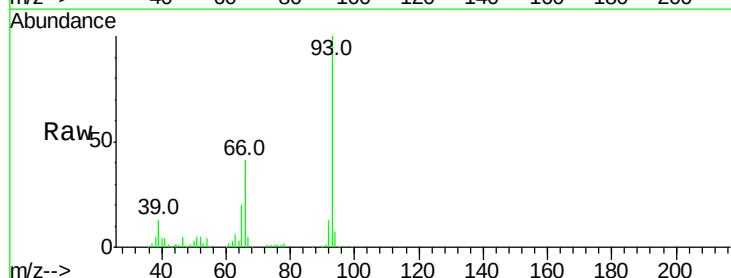
RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

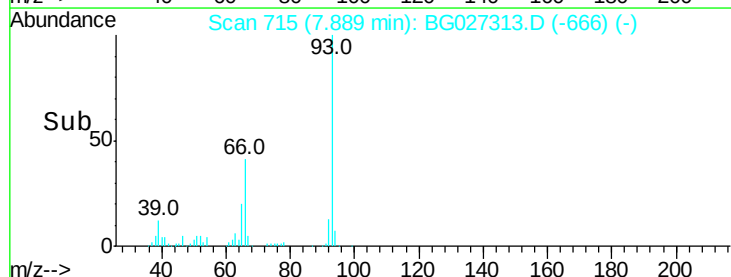
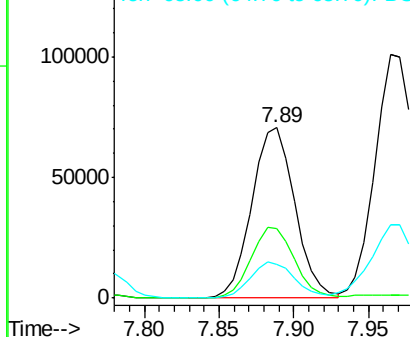
Lab File: BG027313.D

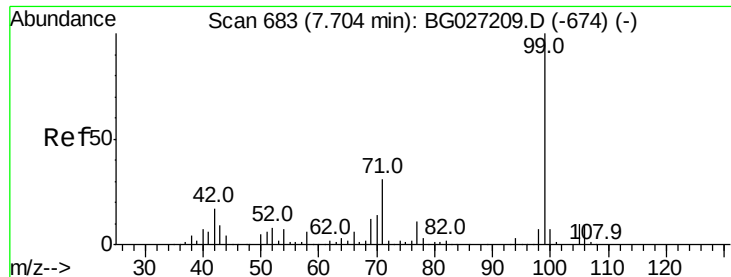
Acq: 8 Jun 2017 11:23

Tgt Ion:	93	Resp:	141441
Ion	Ratio	Lower	Upper
93	100		
66	41.0	35.4	53.2
65	19.7	21.2	31.8#



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





#7

Phenol-d6

Concen: 41.48 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

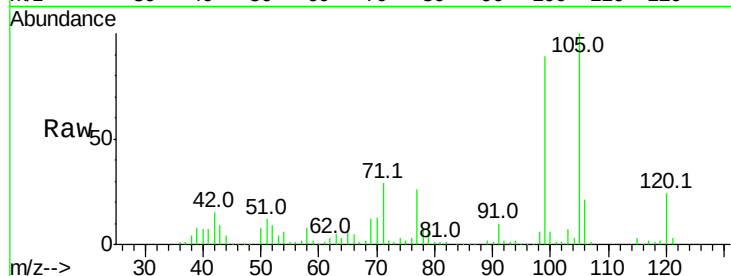
Tot Ion: 99 Resp: 204236

Ion Ratio Lower Upper

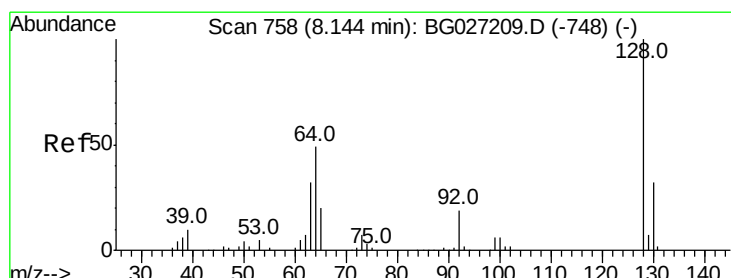
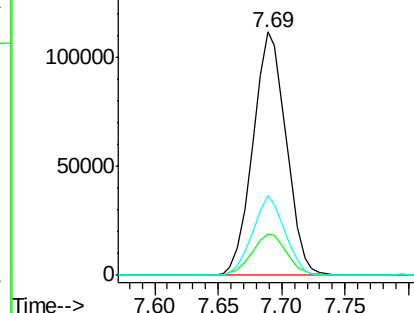
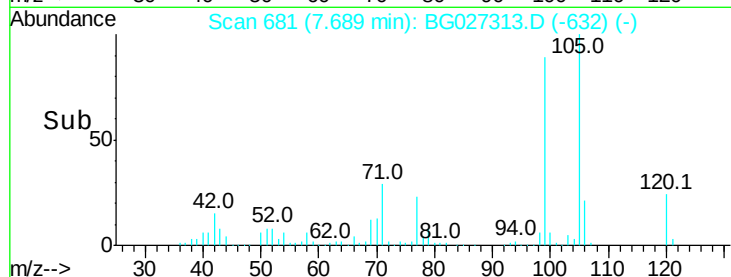
99 100

42 16.8 20.5 30.7#

71 32.8 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: 39.16 ng

RT: 8.12 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

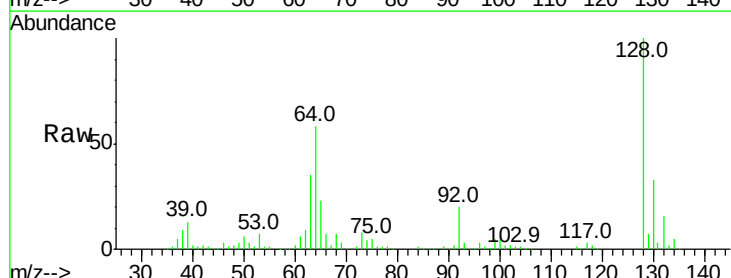
Tgt Ion:128 Resp: 138716

Ion Ratio Lower Upper

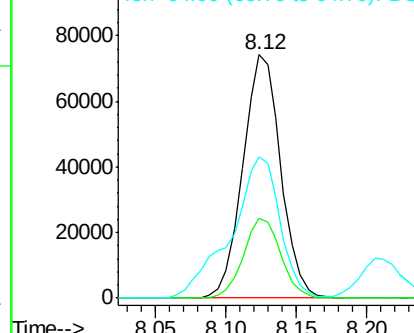
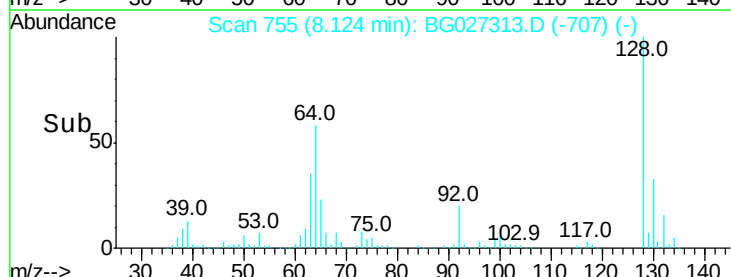
128 100

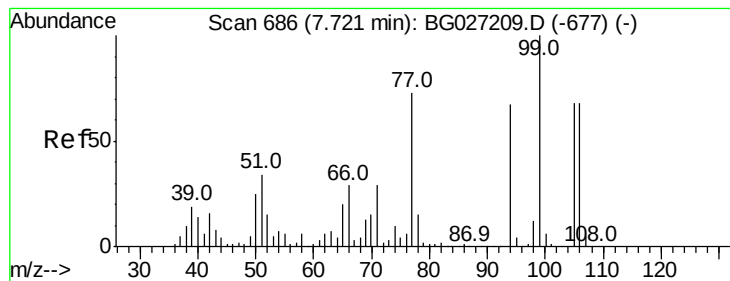
130 32.8 11.4 51.4

64 58.2 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: 45.35 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

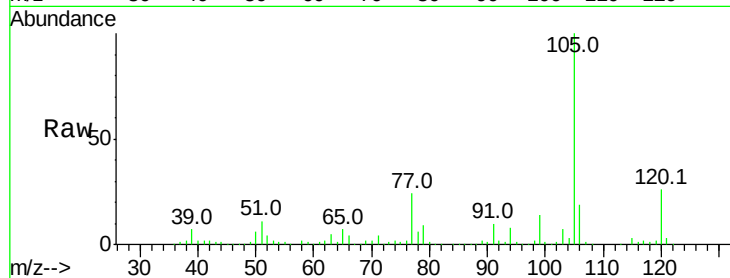
Tot Ion: 77 Resp: 154417

Ion Ratio Lower Upper

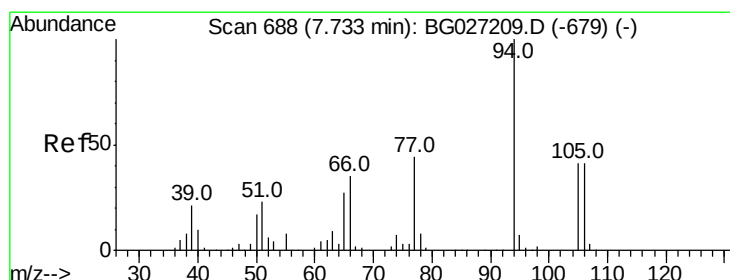
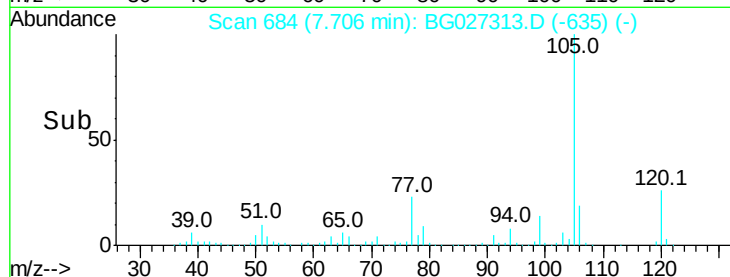
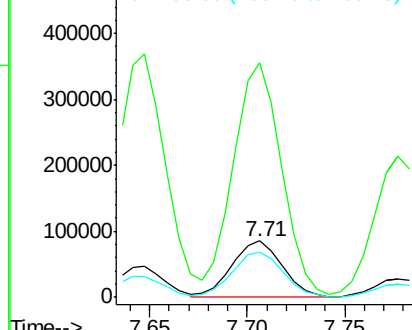
77 100

105 413.5 60.9 100.9#

106 80.3 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: 15.61 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

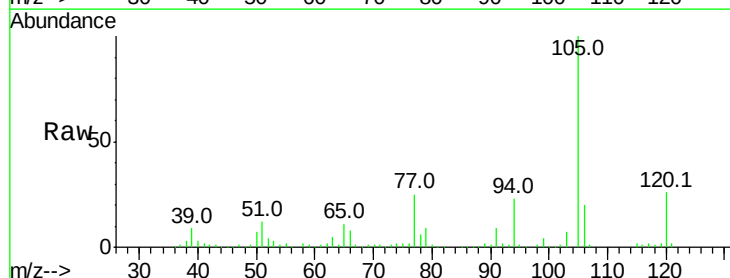
Tgt Ion: 94 Resp: 78613

Ion Ratio Lower Upper

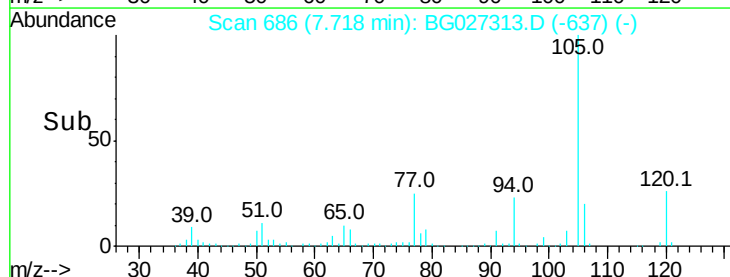
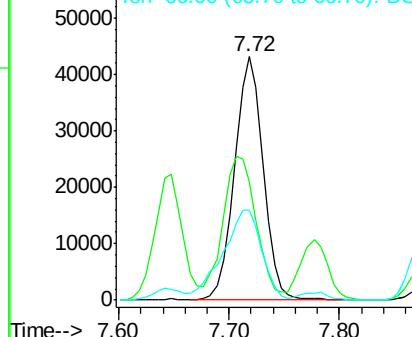
94 100

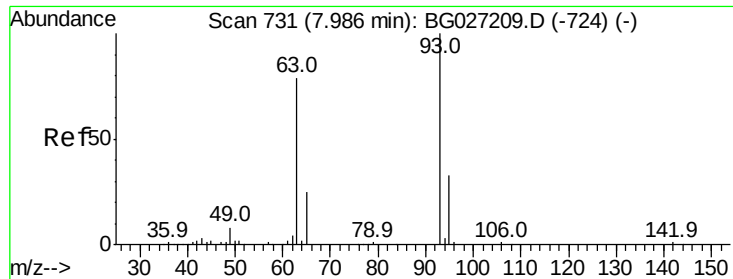
65 48.7 20.6 60.6

66 36.9 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

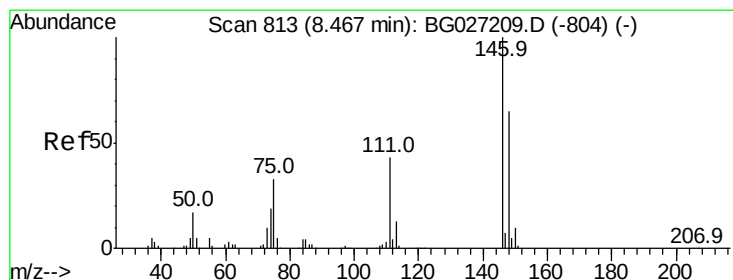
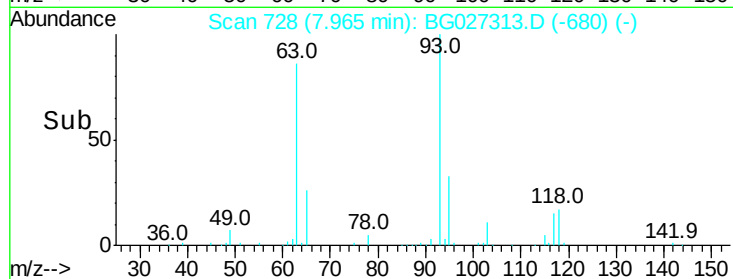
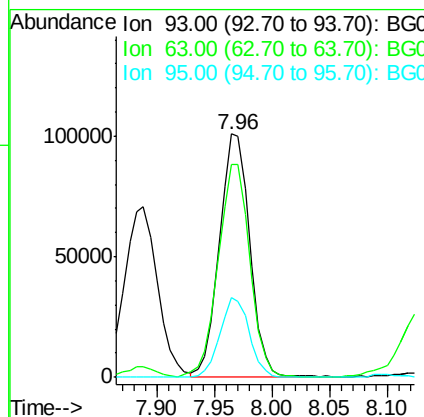
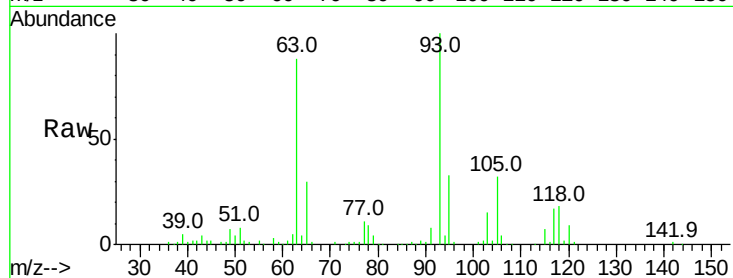




#11
bis(2-Chloroethyl)ether
Concen: 44.47 ng
RT: 7.96 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

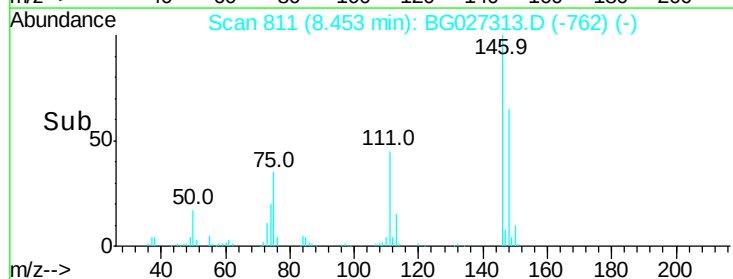
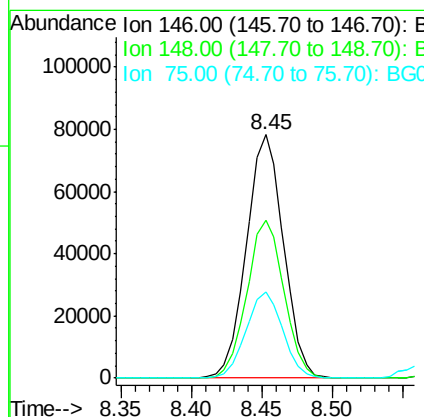
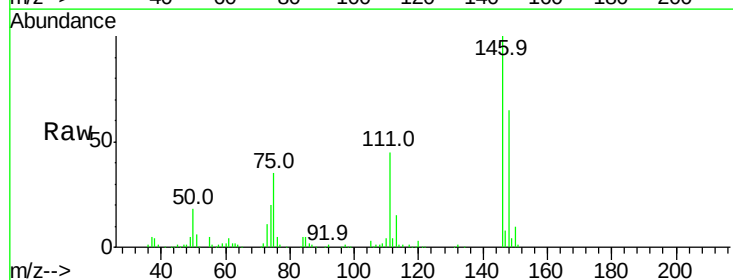
Instrument :
BNA_G
ClientSampleId :

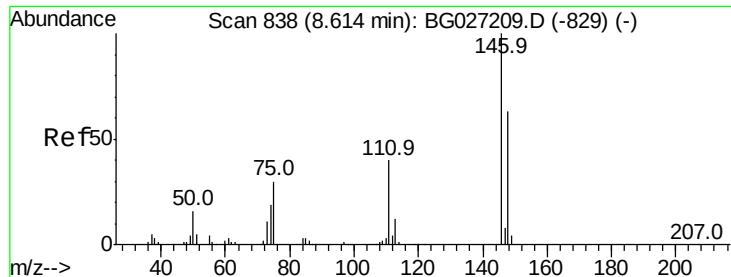
Tot Ion: 93 Resp: 183732
Ion Ratio Lower Upper
93 100
63 87.6 78.5 118.5
95 32.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 36.01 ng
RT: 8.45 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:146 Resp: 143862
Ion Ratio Lower Upper
146 100
148 64.6 49.2 73.8
75 35.4 33.4 50.2

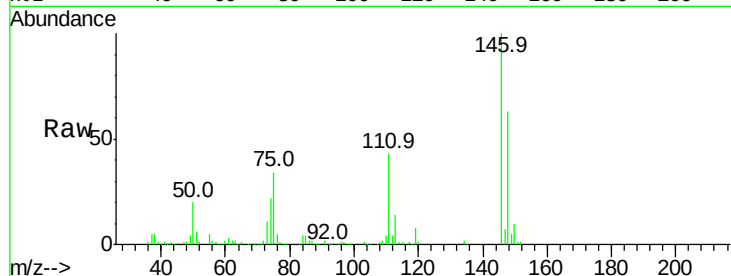




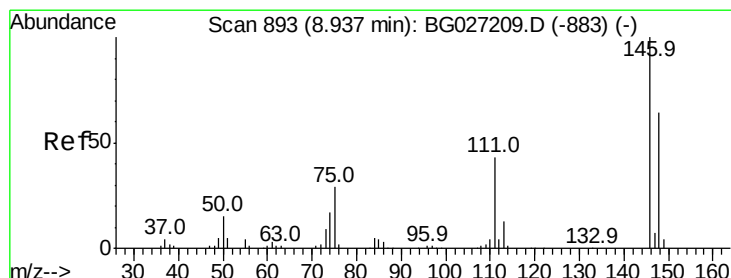
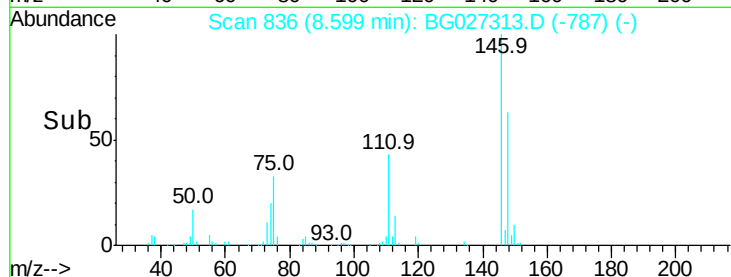
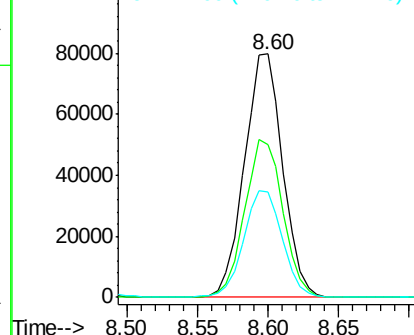
#13
1,4-Dichlorobenzene
Concen: 36.88 ng
RT: 8.60 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 151236
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.2
111 43.4 37.0 55.6

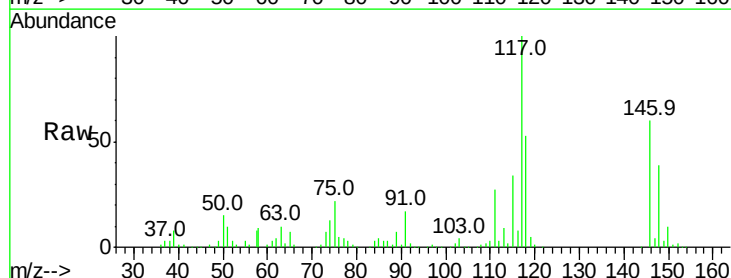


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

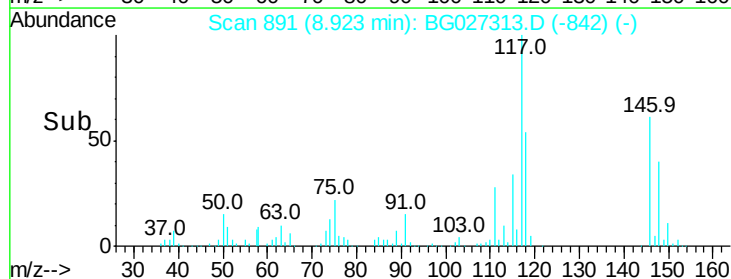
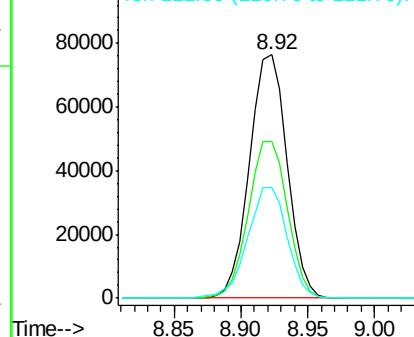


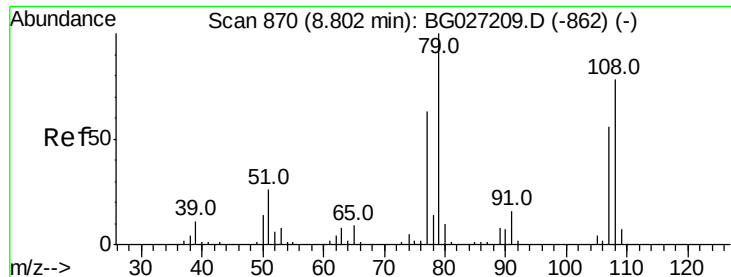
#14
1,2-Dichlorobenzene
Concen: 37.28 ng
RT: 8.92 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:146 Resp: 149093
Ion Ratio Lower Upper
146 100
148 64.4 54.6 81.8
111 45.4 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: 28.43 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

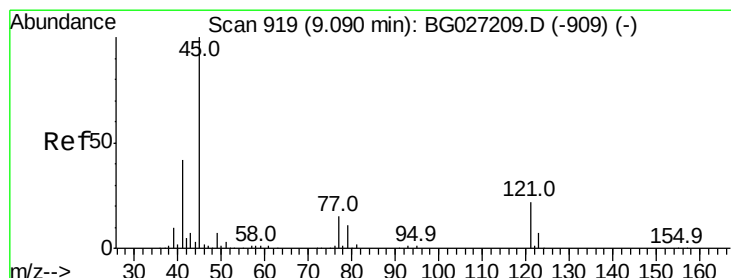
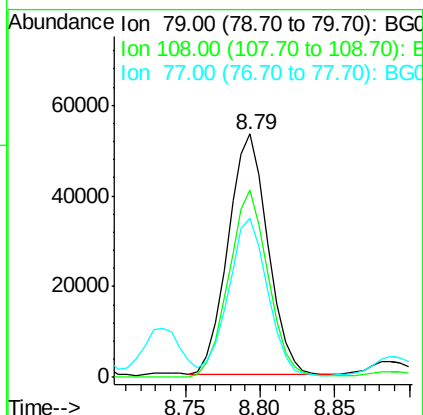
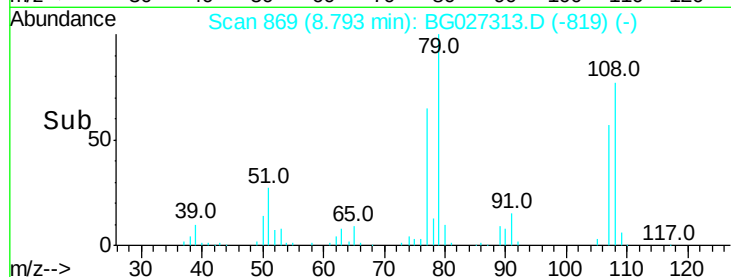
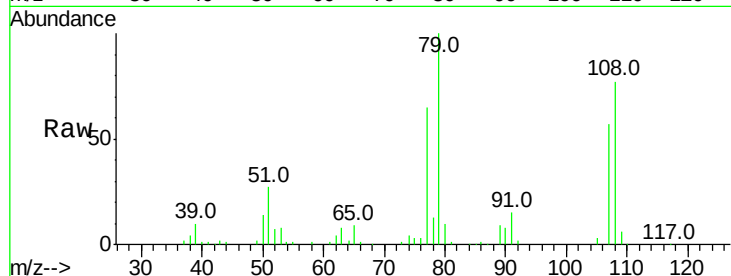
Tot Ion: 79 Resp: 98643

Ion Ratio Lower Upper

79 100

108 77.0 45.5 68.3#

77 65.4 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.77 ng

RT: 9.07 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

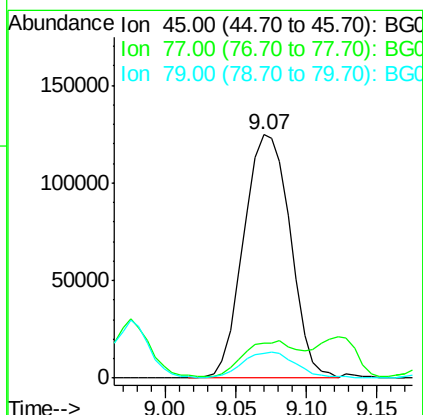
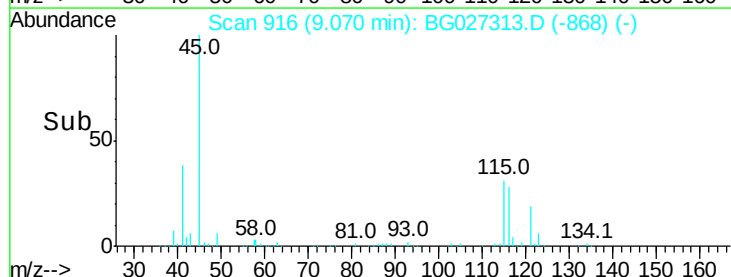
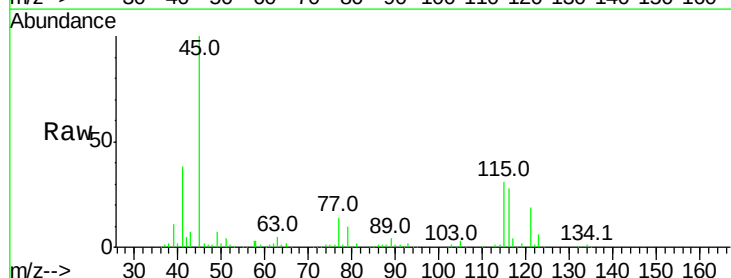
Tgt Ion: 45 Resp: 288285

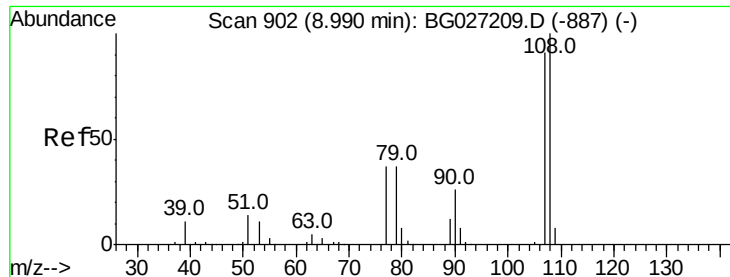
Ion Ratio Lower Upper

45 100

77 14.3 0.0 30.6

79 10.2 0.0 28.5





#17

2-Methylphenol

Concen: 32.16 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 114473

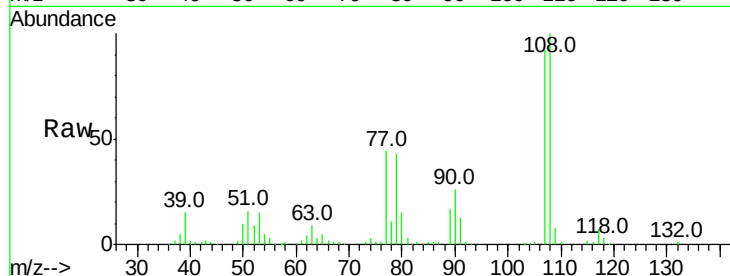
Ion Ratio Lower Upper

107 100

108 109.3 85.6 128.4

77 47.8 51.4 77.2#

79 46.5 49.2 73.8#

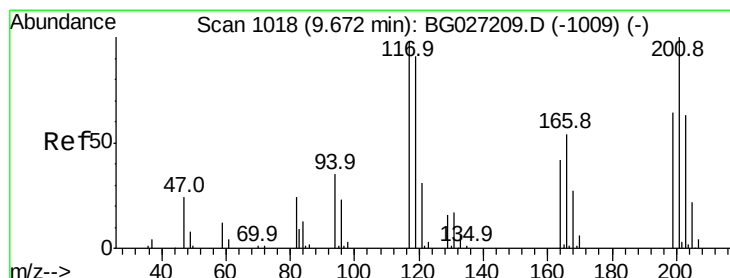
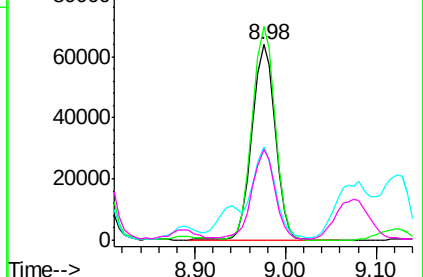
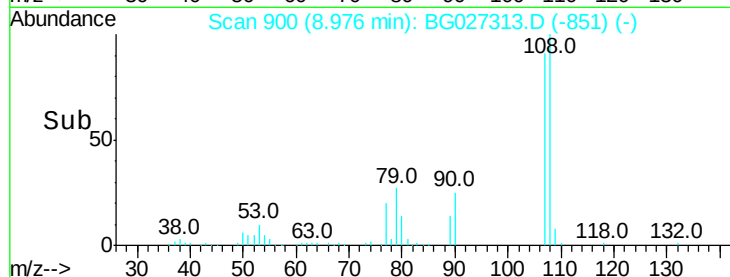


Abundance Ion 107.00 (106.70 to 107.70): E

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: 67.93 ng

RT: 9.65 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

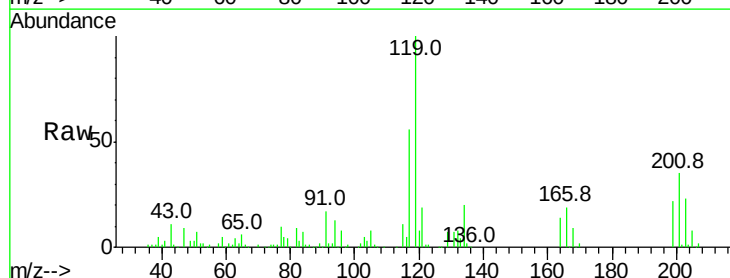
Tgt Ion:117 Resp: 93822

Ion Ratio Lower Upper

117 100

119 178.5 69.8 104.6#

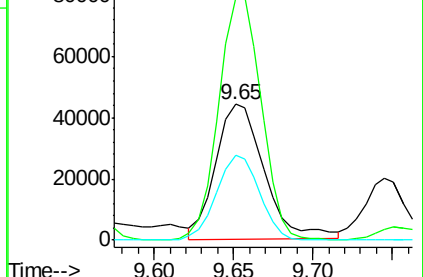
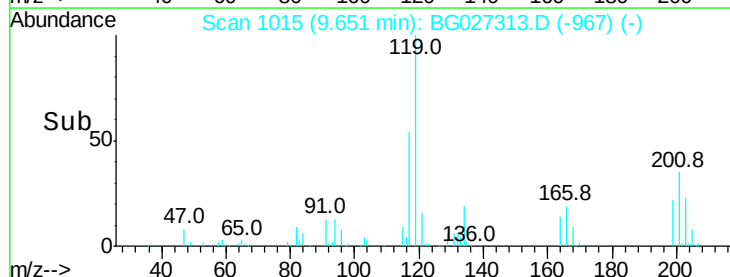
201 64.1 95.4 143.0#

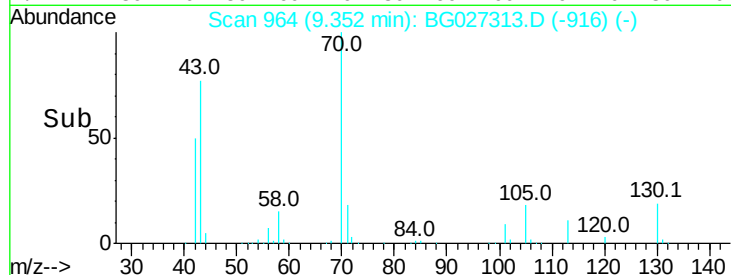
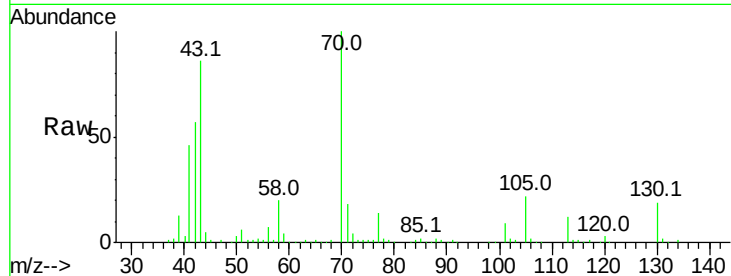
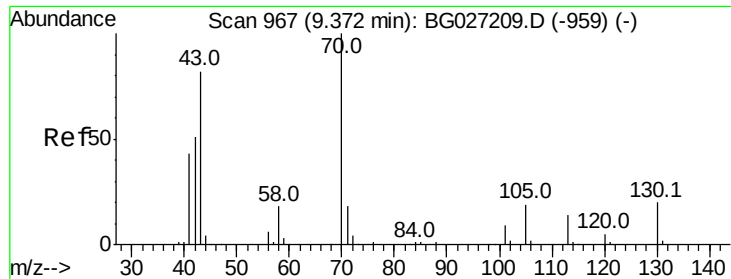


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

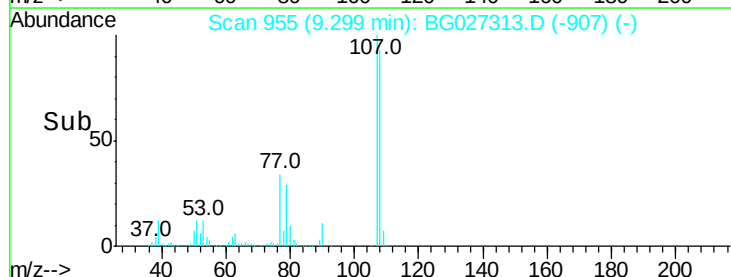
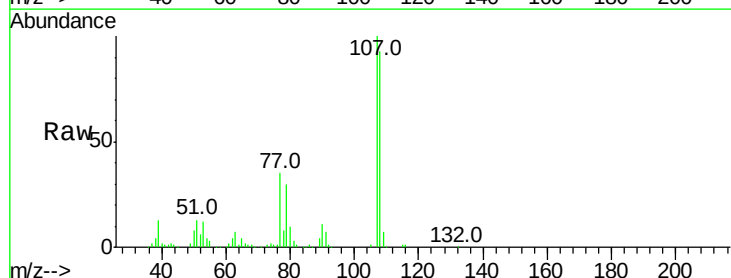
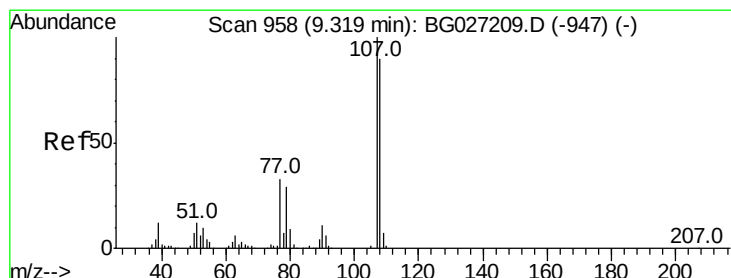
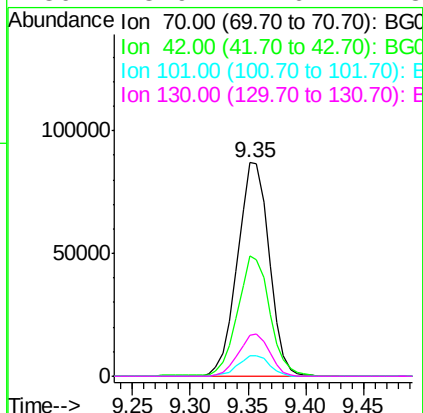




#19
n-Nitroso-di-n-propylamine
Concen: 48.24 ng
RT: 9.35 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

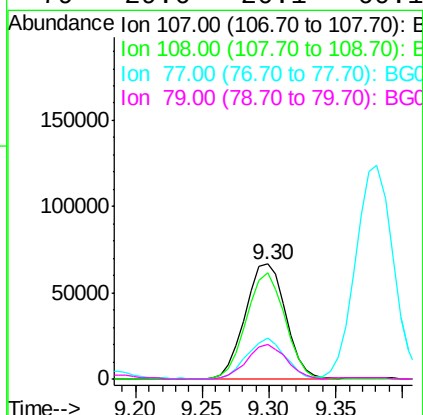
Instrument :
BNA_G
ClientSampleId :

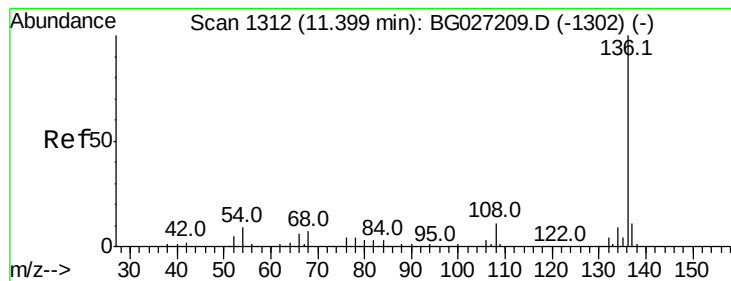
Tot Ion:	70	Resp:	166183
Ion	Ratio	Lower	Upper
70	100		
42	56.6	56.1	84.1
101	9.3	7.5	11.3
130	18.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 28.43 ng
RT: 9.30 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:	107	Resp:	140209
Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.8	110.8
77	35.2	25.8	65.8
79	29.6	20.1	60.1

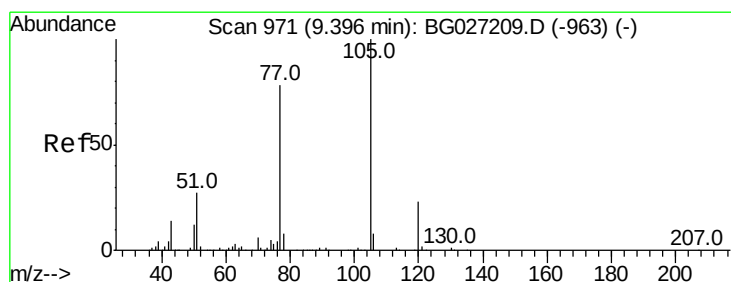
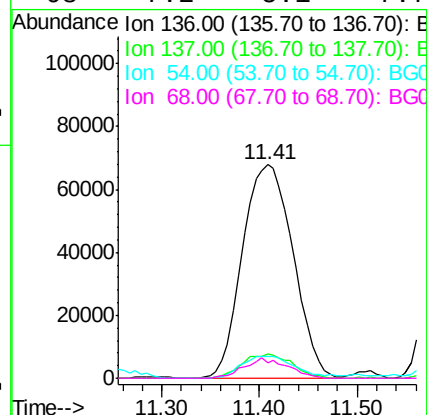
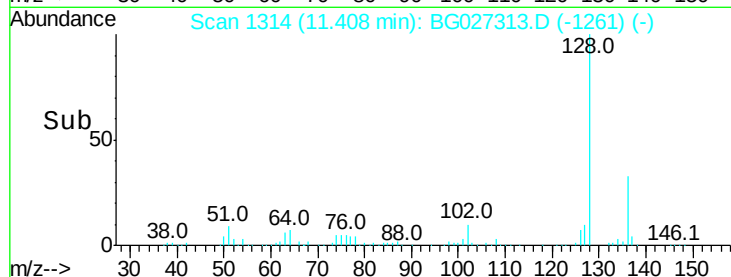
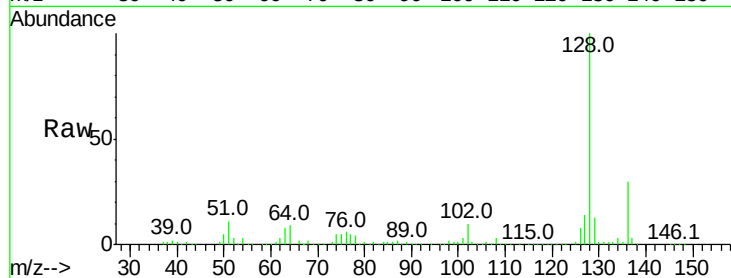




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.41 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

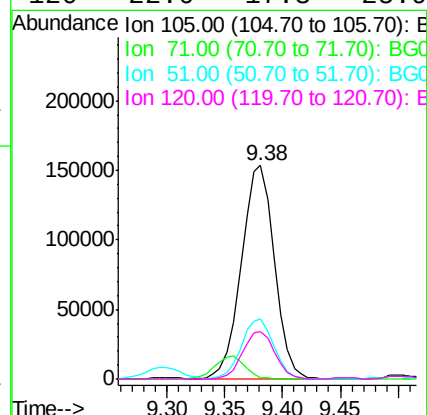
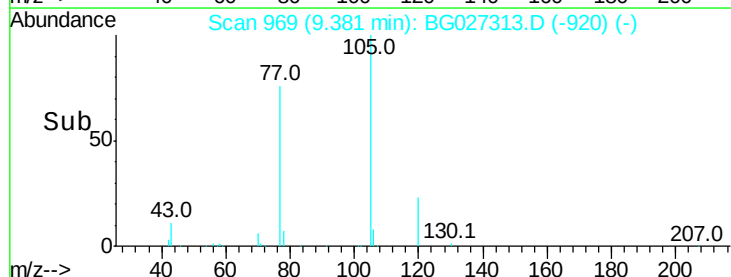
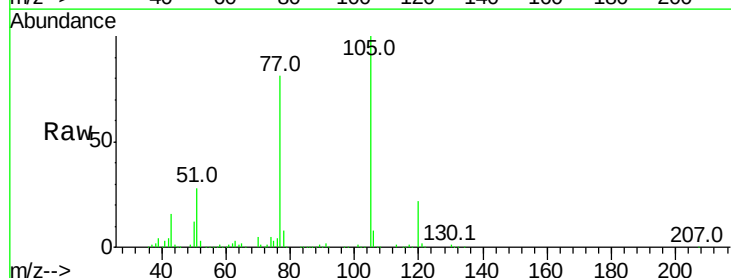
Instrument :
BNA_G
ClientSampled :

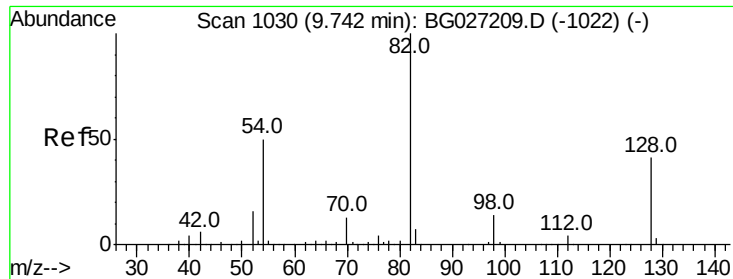
Tot Ion:136	Resp:	246043
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 10.0	9.3	13.9
68 7.2	5.1	7.7



#22
Acetophenone
Concen: 48.44 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt	Ion:105	Resp:	304801
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	27.9	34.0	51.0#
120	22.0	17.3	25.9

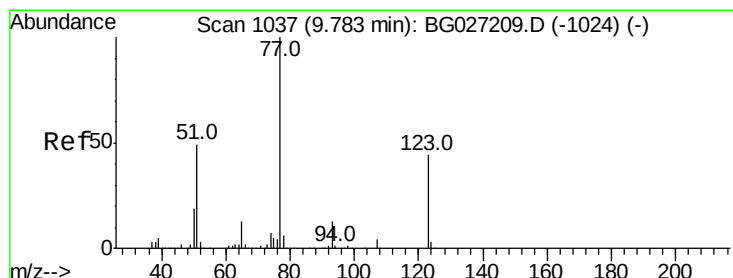
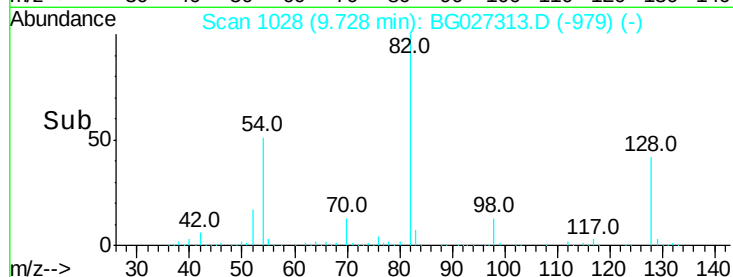
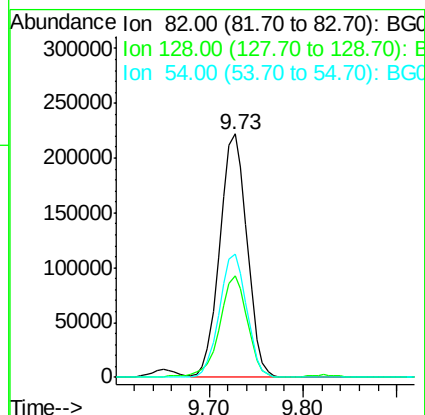
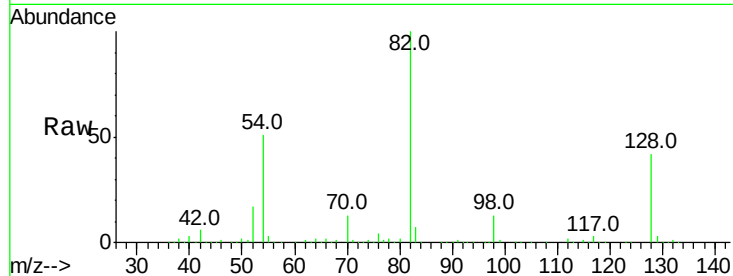




#23
Nitrobenzene-d5
Concen: 114.79 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

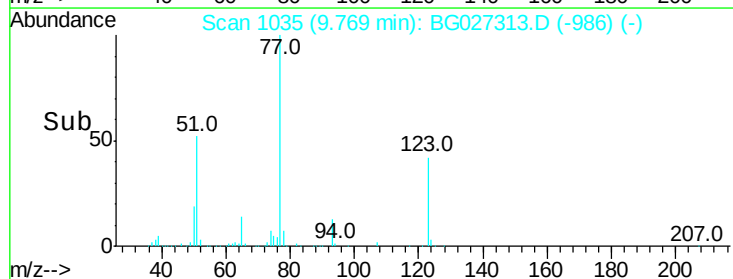
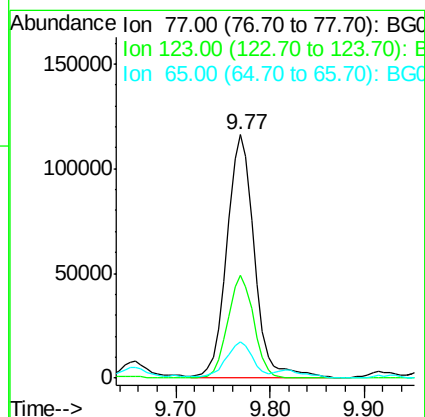
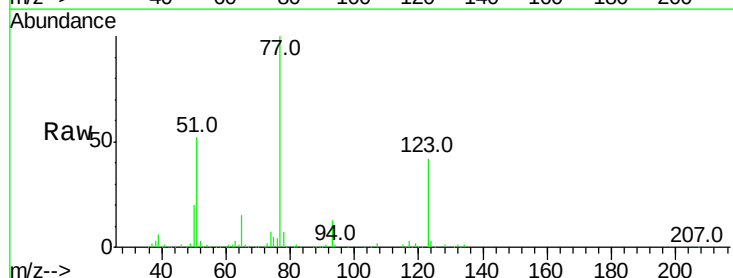
Instrument :
BNA_G
ClientSampled :

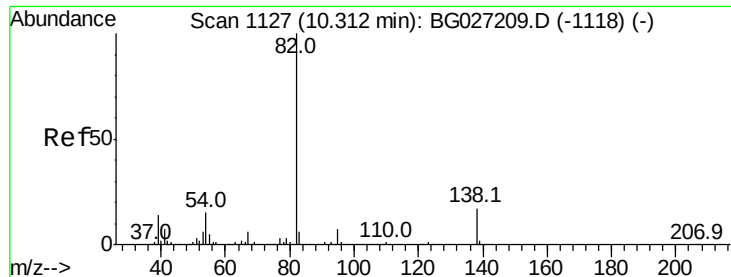
Tot Ion: 82 Resp: 449111
Ion Ratio Lower Upper
82 100
128 41.5 26.4 39.6#
54 50.6 49.4 74.2



#24
Nitrobenzene
Concen: 52.84 ng
RT: 9.77 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion: 77 Resp: 235505
Ion Ratio Lower Upper
77 100
123 42.0 26.1 39.1#
65 14.7 12.4 18.6





#25

Isophorone

Concen: 49.21 ng

RT: 10.31 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

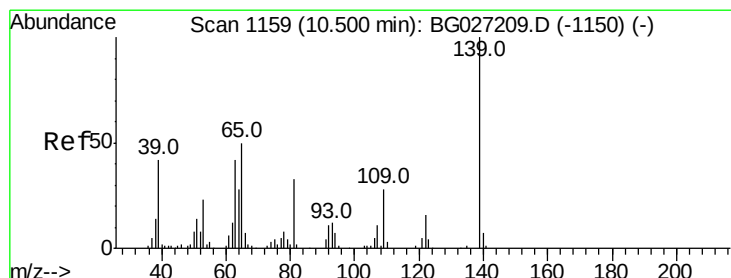
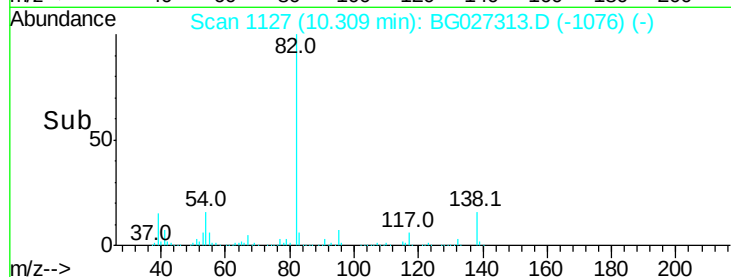
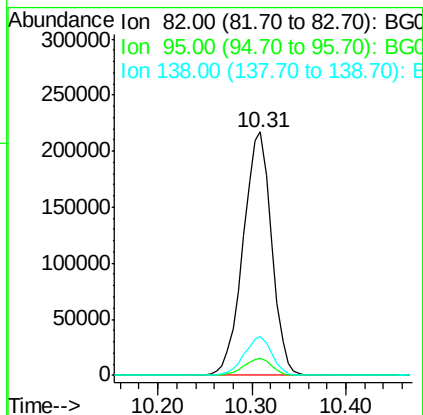
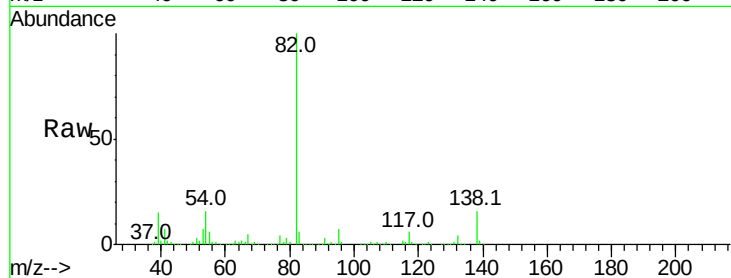
Tot Ion: 82 Resp: 452681

Ion Ratio Lower Upper

82 100

95 6.8 7.5 11.3#

138 15.8 12.3 18.5



#26

2-Nitrophenol

Concen: 50.01 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

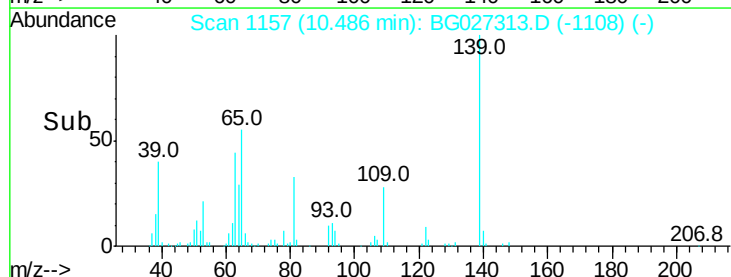
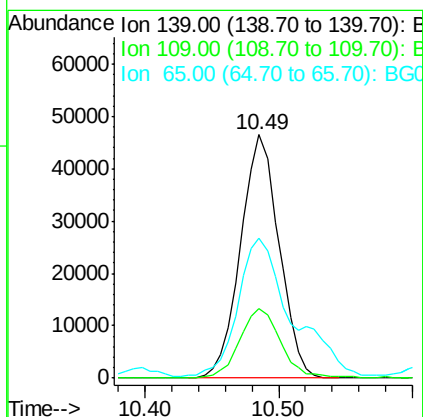
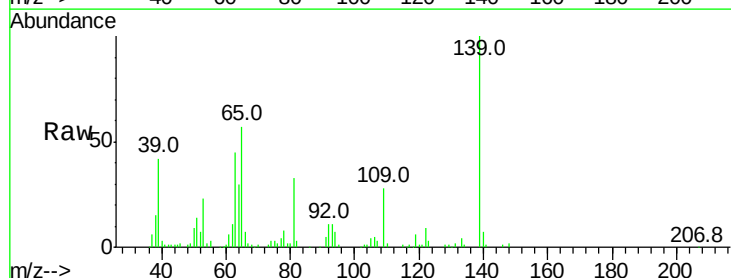
Tgt Ion: 139 Resp: 92537

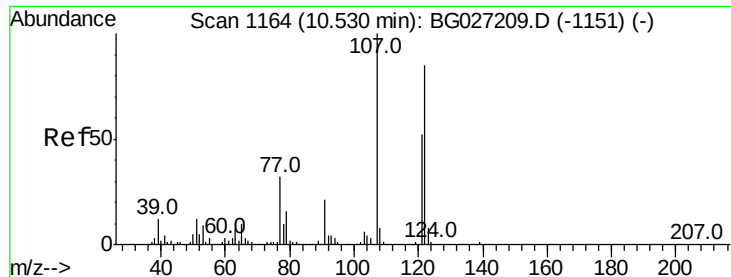
Ion Ratio Lower Upper

139 100

109 28.3 38.6 58.0#

65 57.4 57.1 85.7

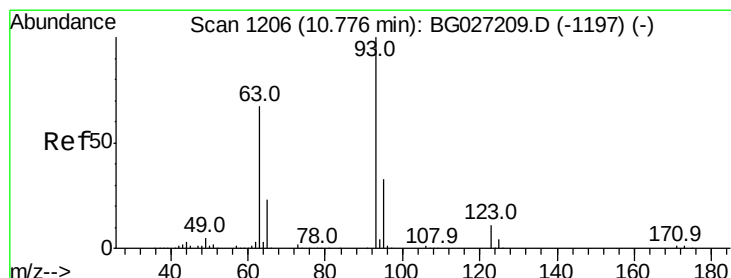
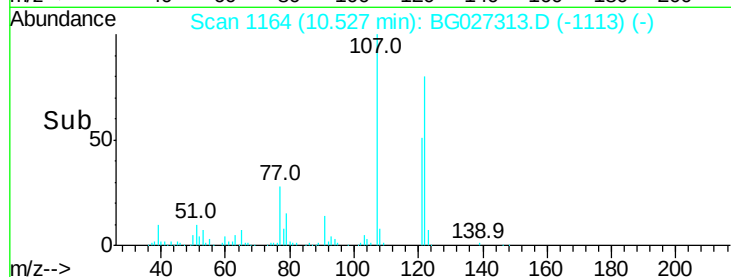
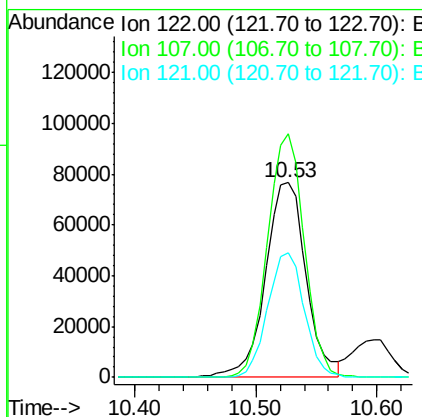
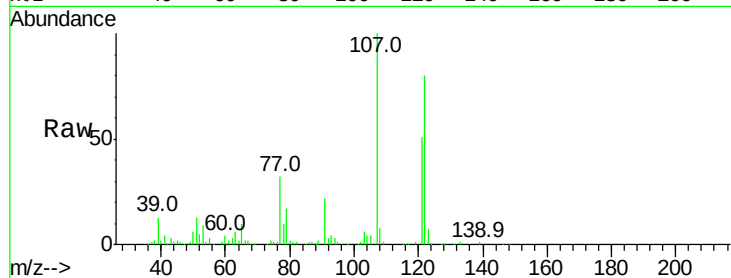




#27
2,4-Dimethylphenol
Concen: 45.05 ng
RT: 10.53 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

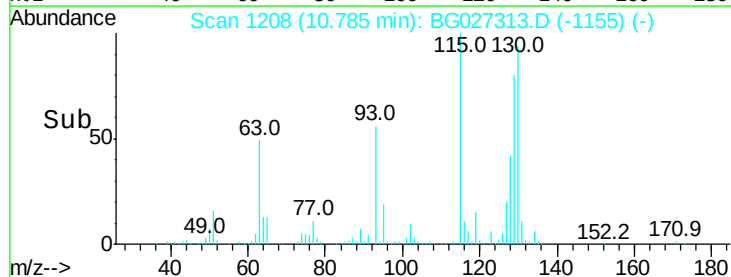
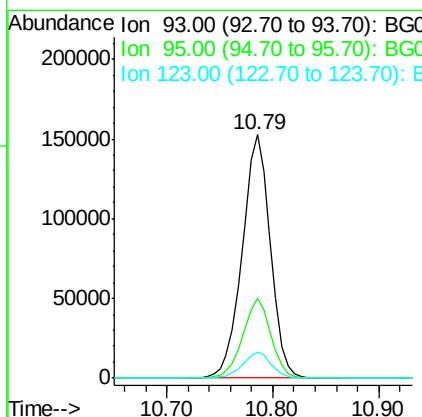
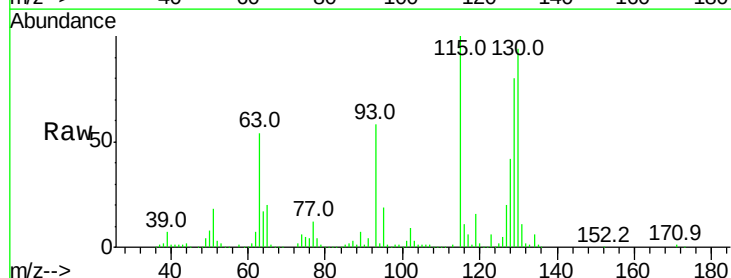
Instrument :
BNA_G
ClientSampleId :

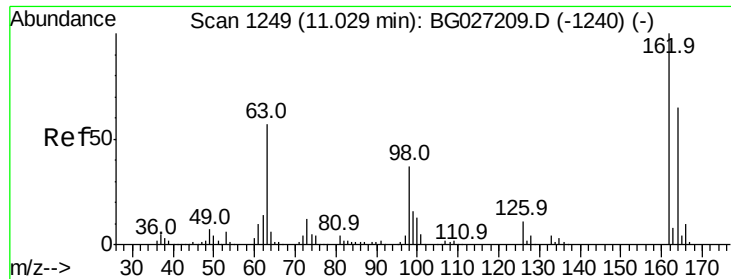
Tot Ion:122 Resp: 178184
Ion Ratio Lower Upper
122 100
107 125.0 104.2 156.4
121 64.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.20 ng
RT: 10.79 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion: 93 Resp: 281148
Ion Ratio Lower Upper
93 100
95 32.9 25.7 38.5
123 10.8 8.3 12.5

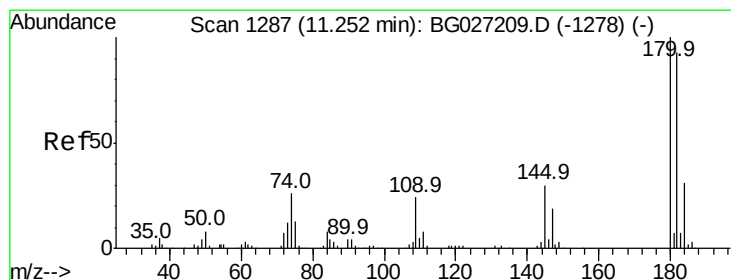
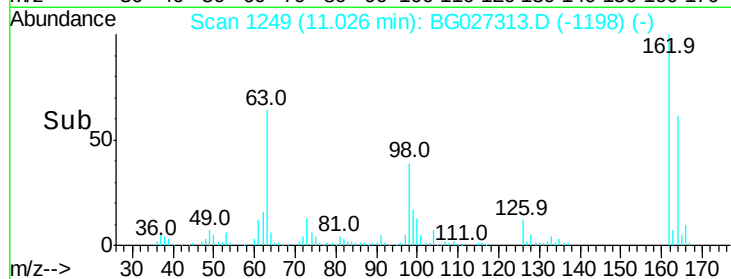
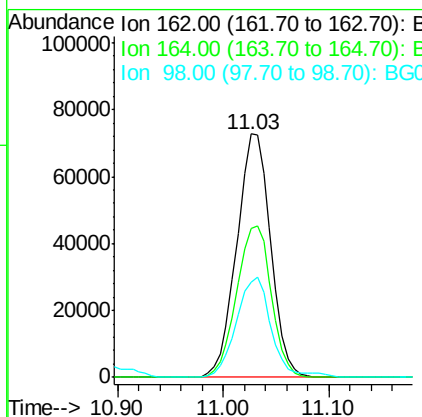
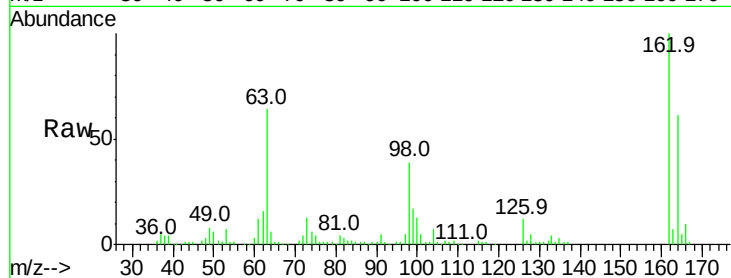




#29
 2,4-Dichlorophenol
 Concen: 44.91 ng
 RT: 11.03 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

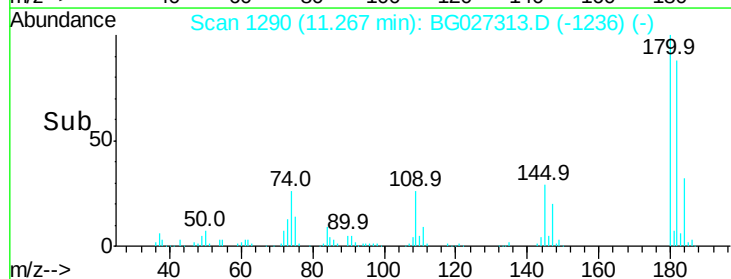
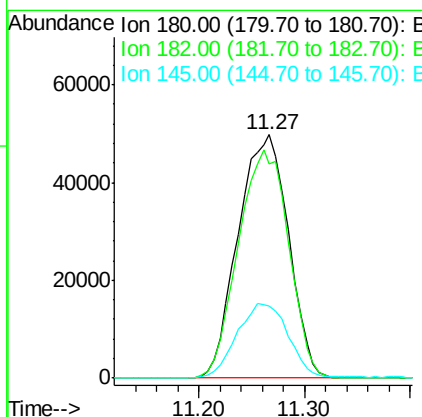
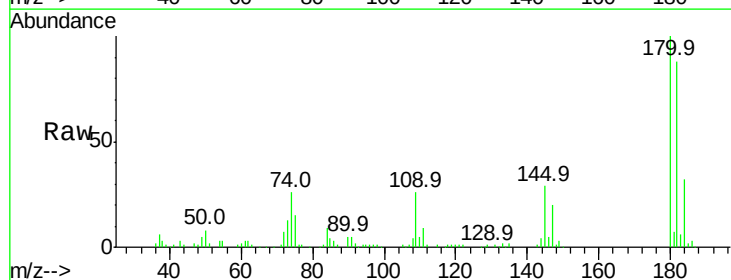
Instrument :
 BNA_G
 ClientSampled :

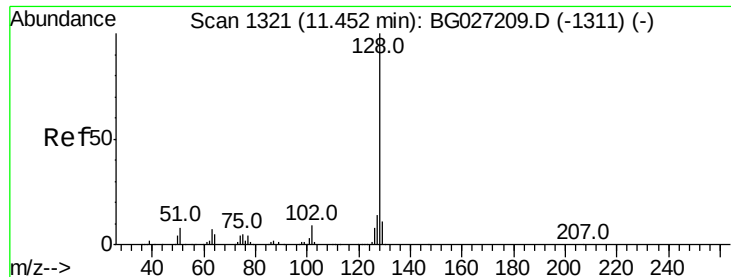
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	42.4	82.4
98	39.0	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.04 ng
 RT: 11.27 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.2	77.0	115.4
145	29.4	23.4	35.0

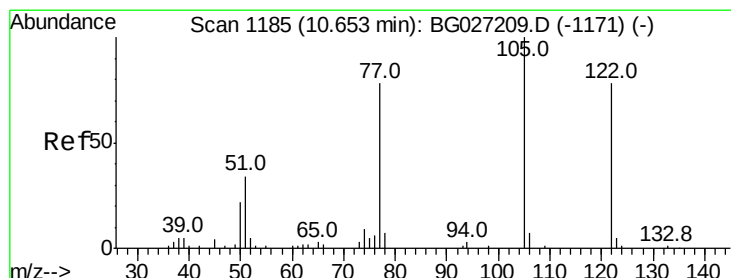
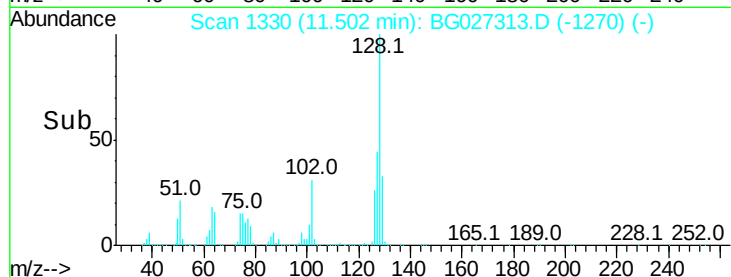
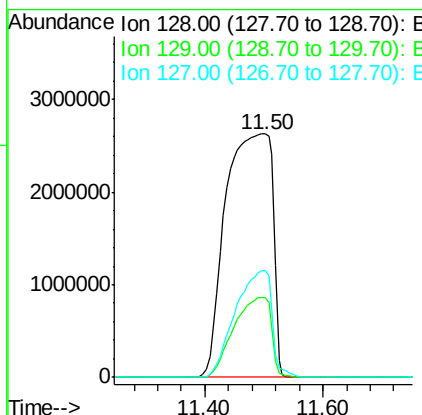
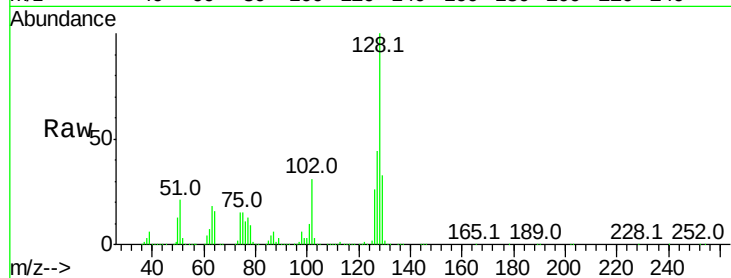




#31
Naphthalene
Concen: 1078.52 ng
RT: 11.50 min Scan# 1330
Delta R.T. 0.05 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

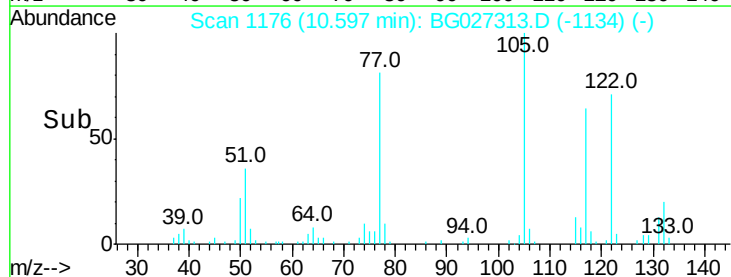
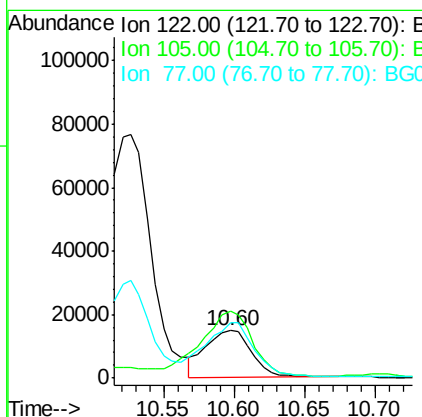
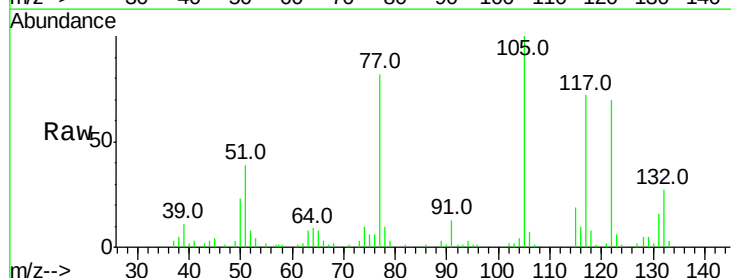
Instrument :
BNA_G
ClientSampleId :

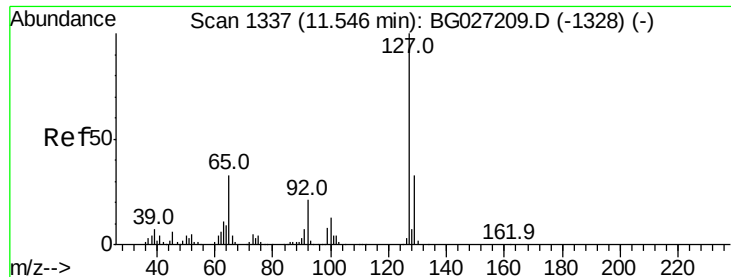
Tot Ion:128 Resp:14502930
Ion Ratio Lower Upper
128 100
129 32.7 9.3 13.9#
127 43.8 11.4 17.0#



#32
Benzoic acid
Concen: 18.17 ng
RT: 10.60 min Scan# 1176
Delta R.T. -0.05 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:122 Resp: 33339
Ion Ratio Lower Upper
122 100
105 142.3 120.1 160.1
77 116.4 104.6 144.6

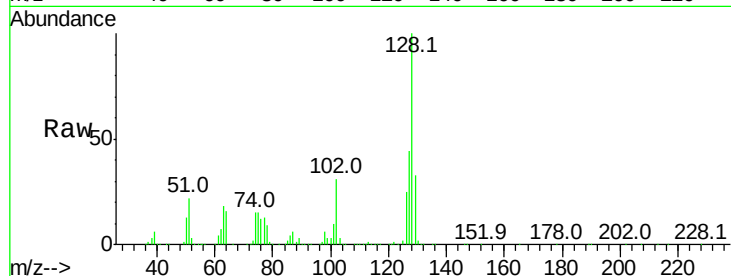




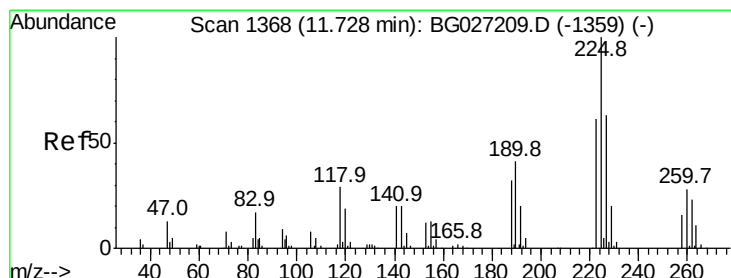
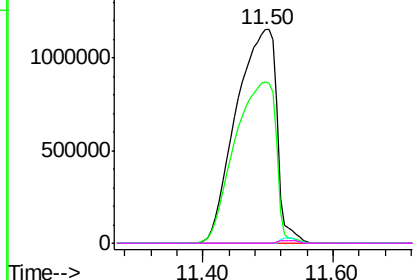
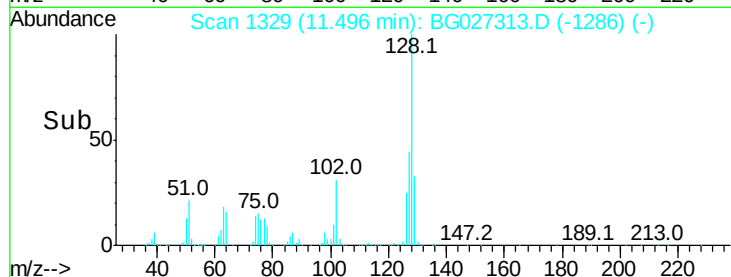
#33
4-Chloroaniline
Concen: 888.02 ng
RT: 11.50 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 4975959
Ion Ratio Lower Upper
127 100
129 75.4 23.6 35.4#
65 0.0 37.7 56.5#
92 0.0 17.6 26.4#

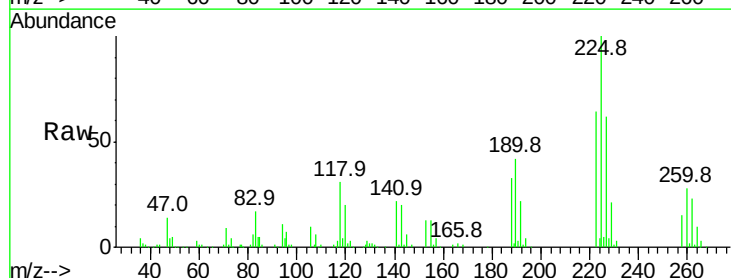


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

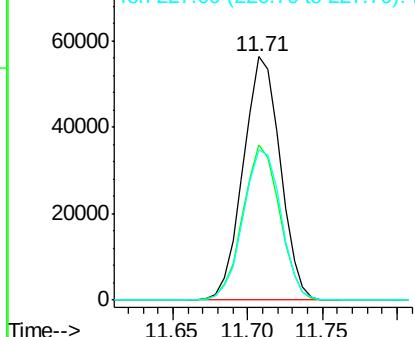
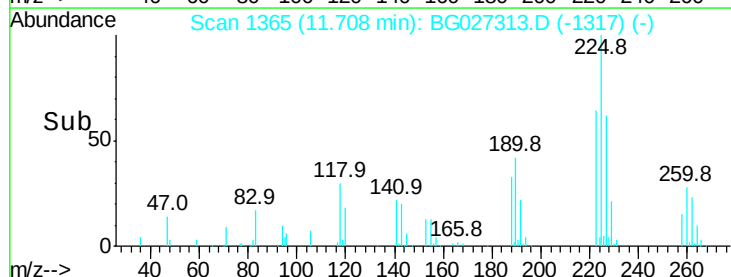


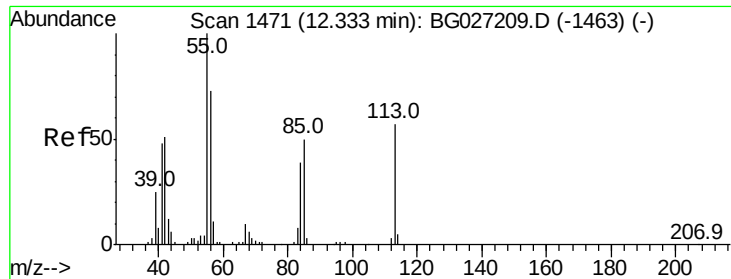
#34
Hexachlorobutadiene
Concen: 39.35 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:225 Resp: 96689
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 61.7 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: 8.82 ng

RT: 12.36 min Scan# 1476

Delta R.T. 0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

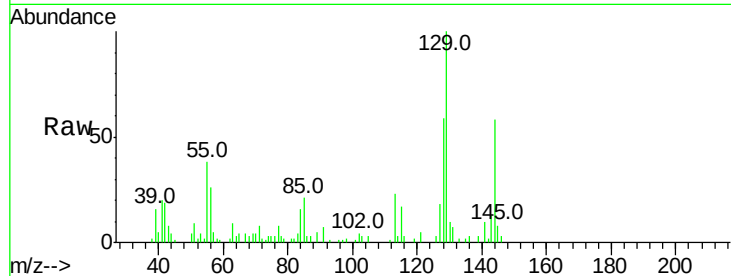
Tot Ion:113 Resp: 10922

Ion Ratio Lower Upper

113 100

55 170.1 198.6 238.6#

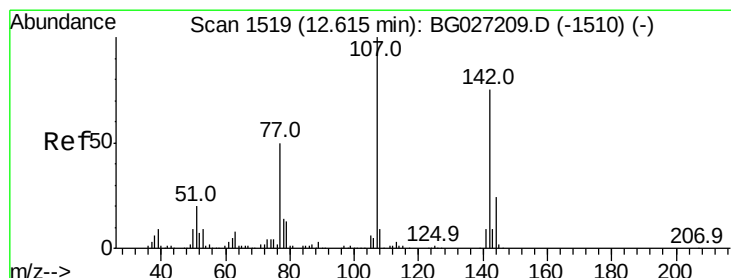
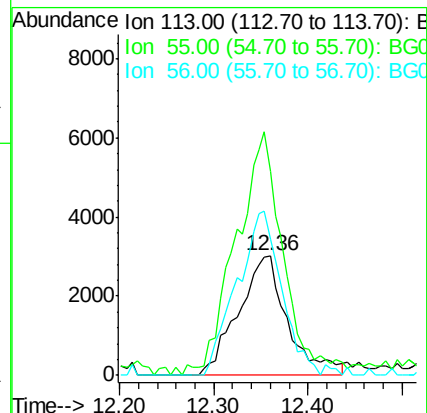
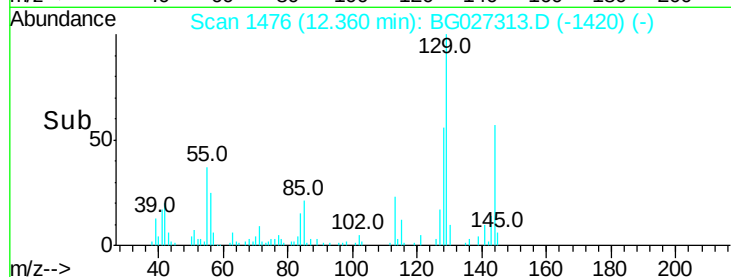
56 113.6 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.14 ng

RT: 12.60 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

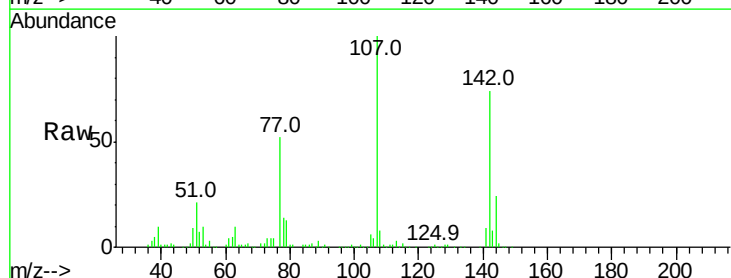
Tgt Ion:107 Resp: 195222

Ion Ratio Lower Upper

107 100

144 23.8 17.4 26.0

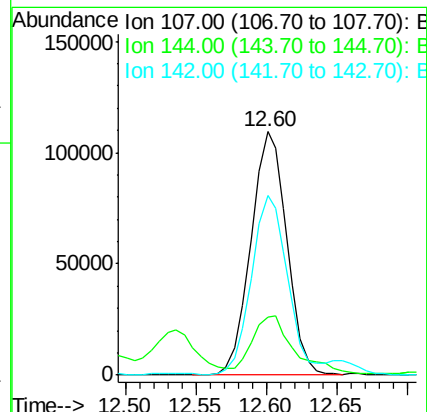
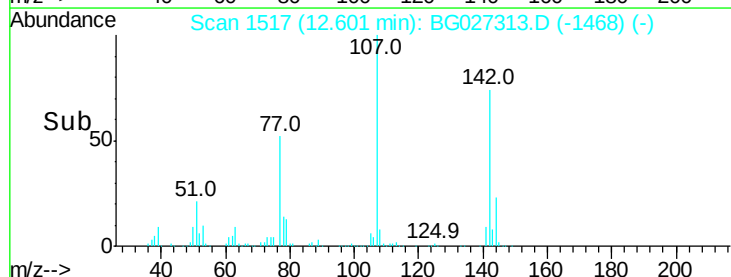
142 73.5 54.1 81.1

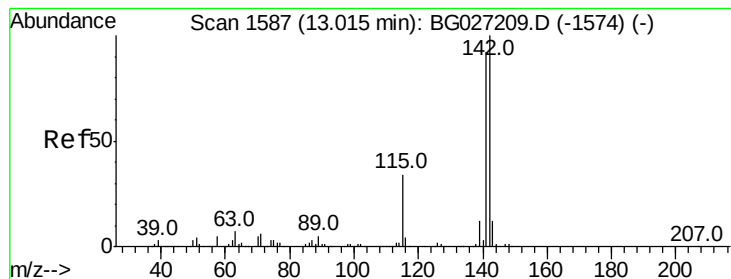


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 443.77 ng

RT: 13.01 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

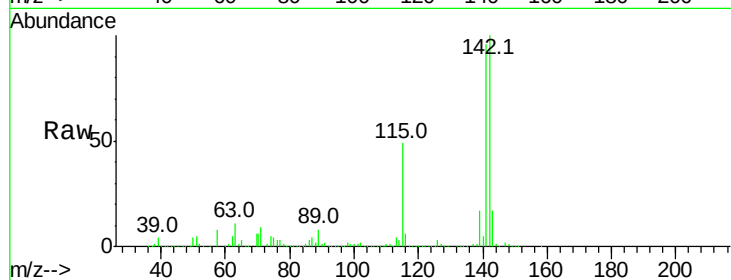
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 4352913

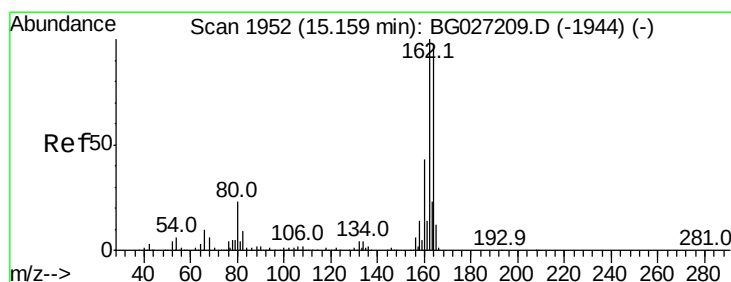
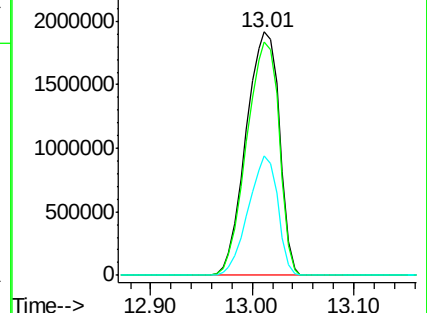
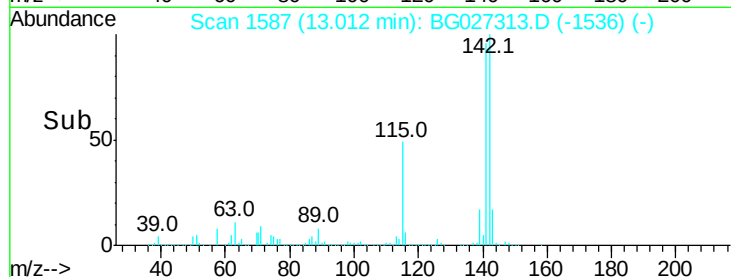
Ion	Ratio	Lower	Upper
142	100		
141	95.8	70.4	105.6
115	49.1	35.5	53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.14 min Scan# 1949

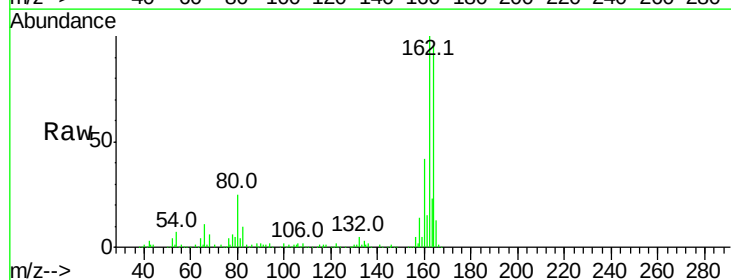
Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Tgt Ion:164 Resp: 157271

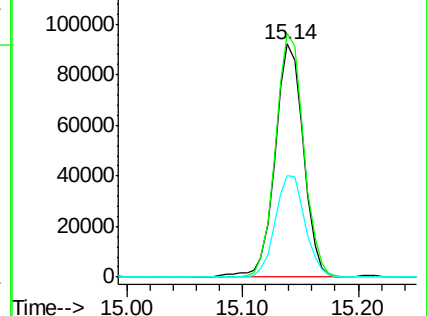
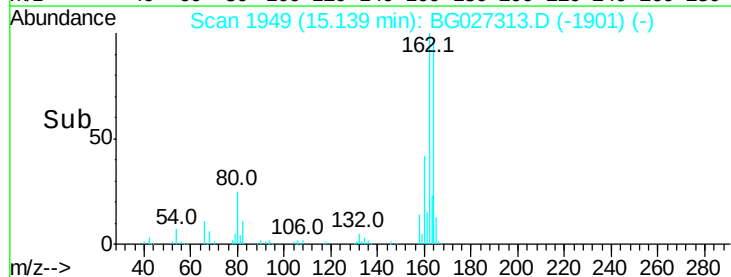
Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	43.7	34.7	52.1

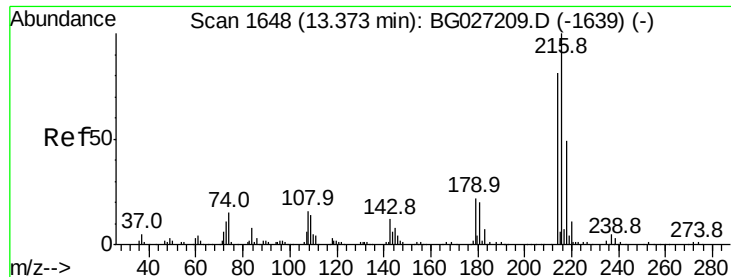


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.91 ng

RT: 13.35 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 210238

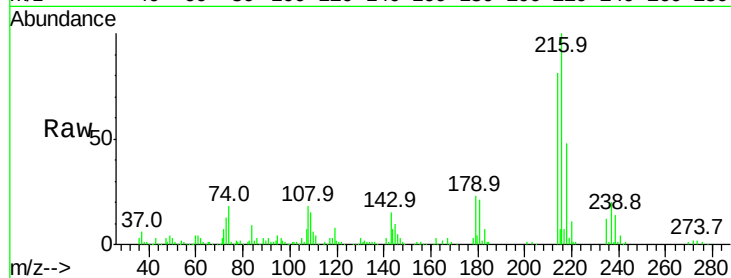
Ion Ratio Lower Upper

216 100

214 79.4 64.4 96.6

179 21.7 17.4 26.0

108 22.1 15.6 23.4

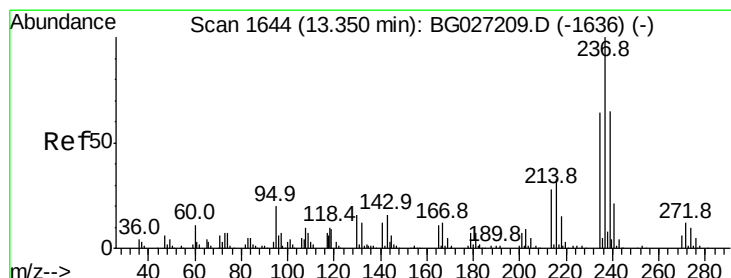
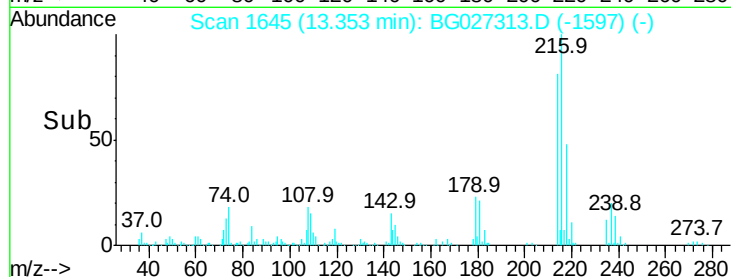
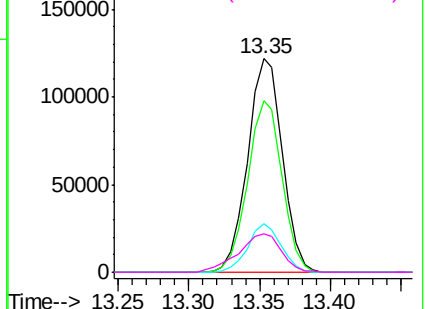


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.69 ng

RT: 13.33 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

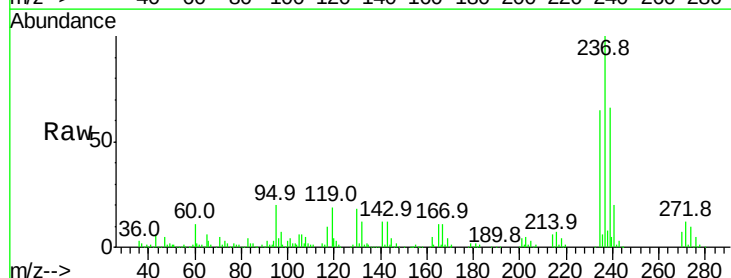
Tgt Ion:237 Resp: 259954

Ion Ratio Lower Upper

237 100

235 64.8 39.4 79.4

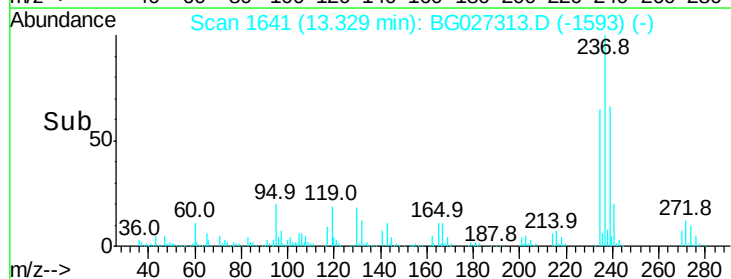
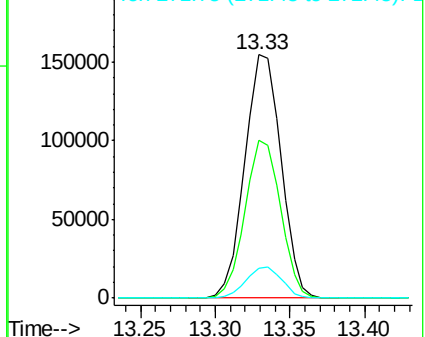
272 12.4 0.0 32.0

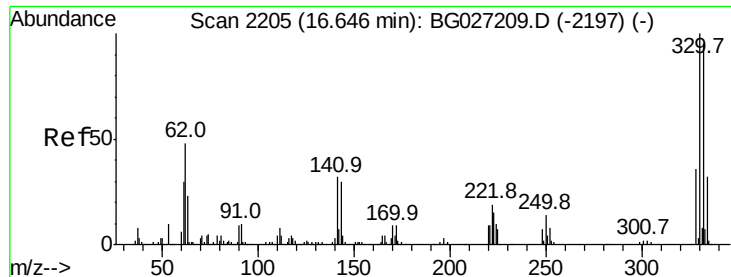


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

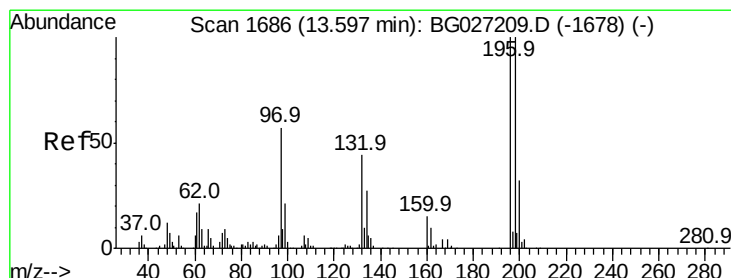
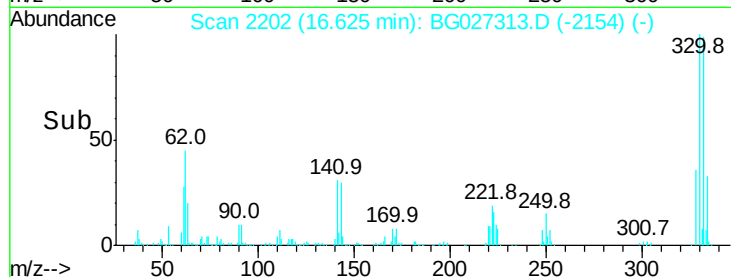
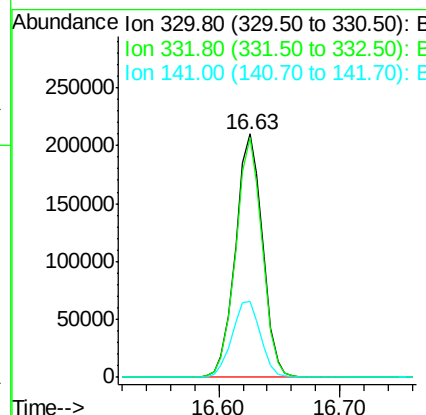
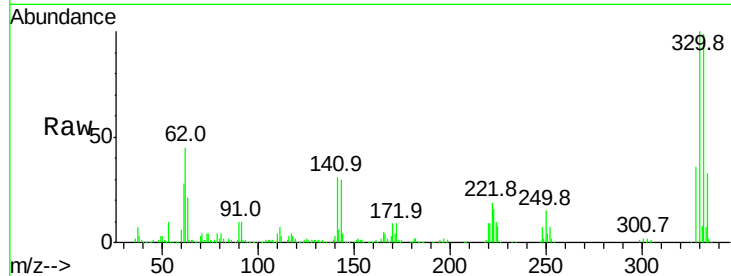




#41
 2,4,6-Tribromophenol
 Concen: 157.68 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

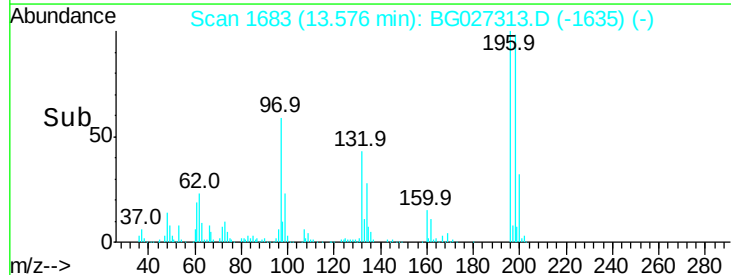
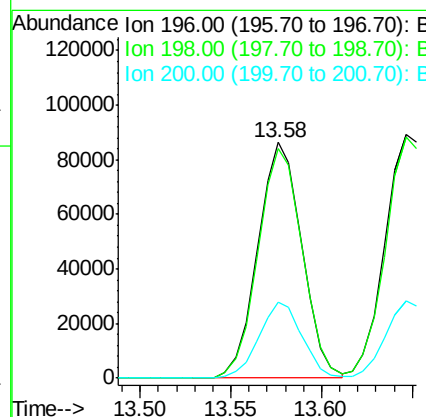
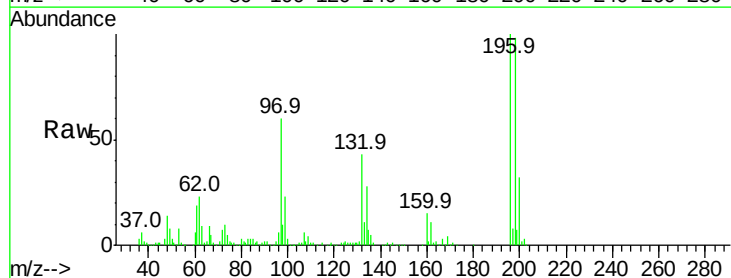
Instrument :
 BNA_G
 ClientSampleId :

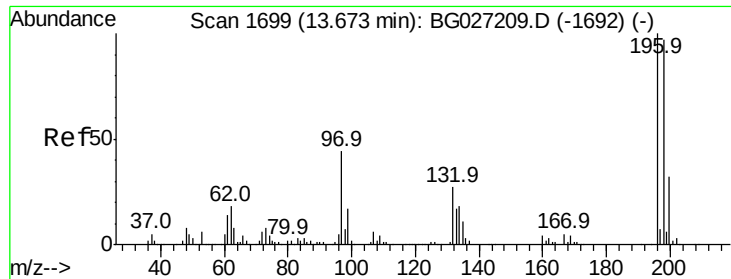
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.7	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.22 ng
 RT: 13.58 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	81.4	122.2
200	32.0	27.0	40.6

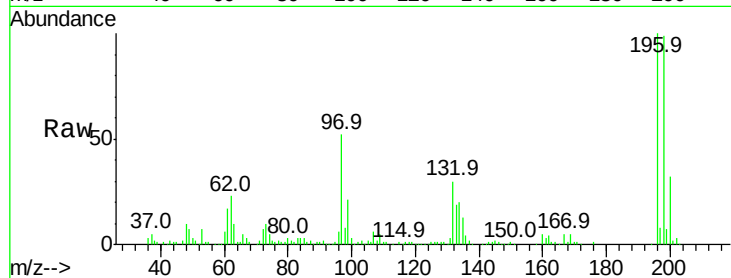




#43
 2,4,5-Trichlorophenol
 Concen: 47.36 ng
 RT: 13.65 min Scan# 1695
 Delta R.T. -0.03 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	79.9	119.9
97	51.8	45.4	68.0
132	30.2	20.7	31.1



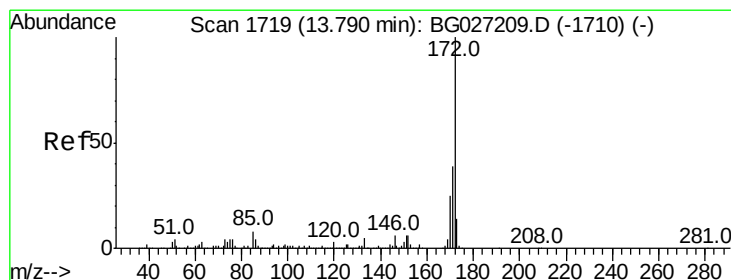
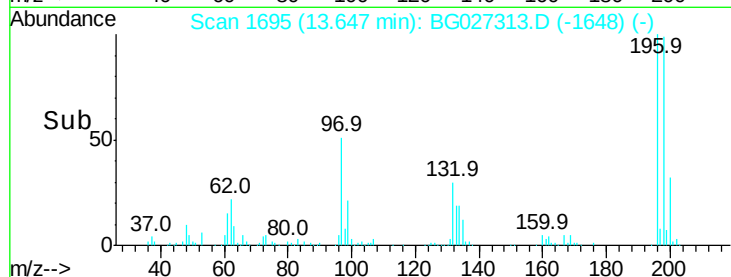
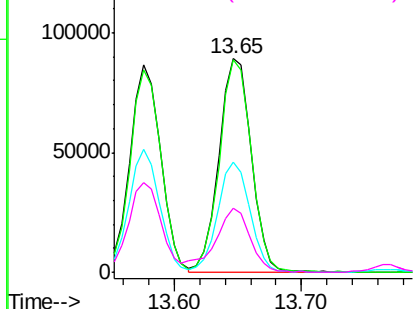
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

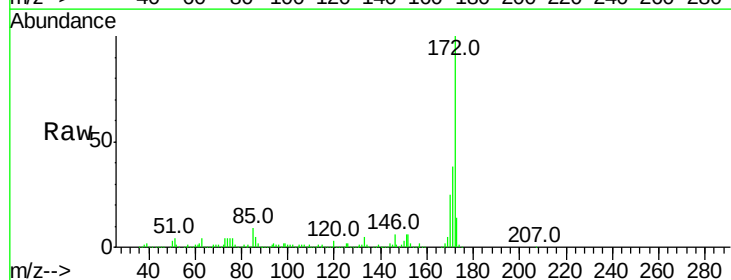
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.90 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.3	21.8	32.6

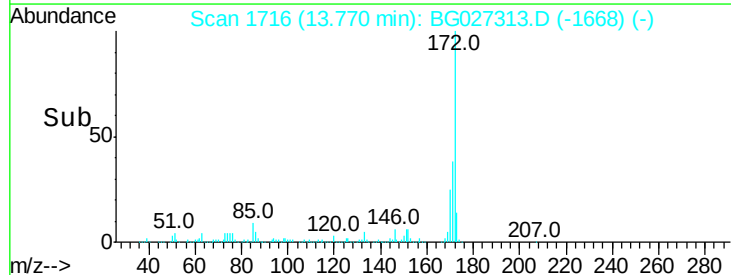
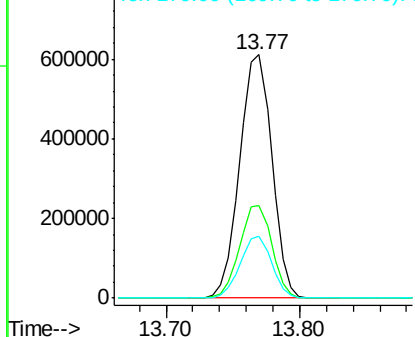


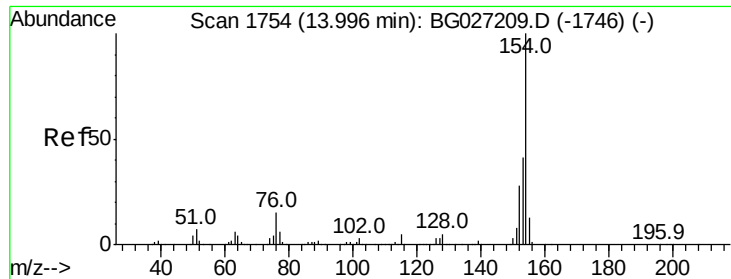
Abundance

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

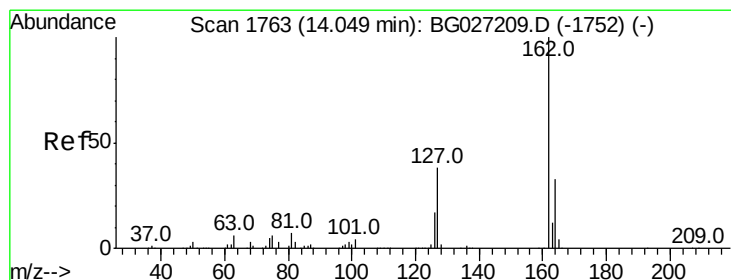
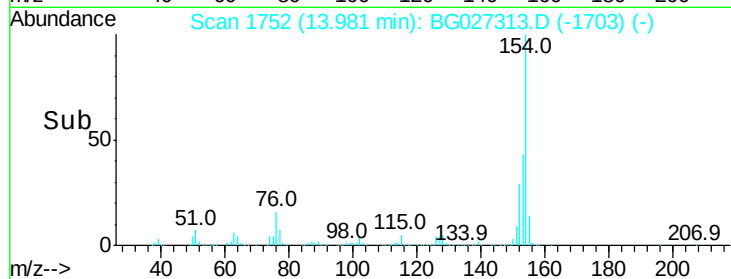
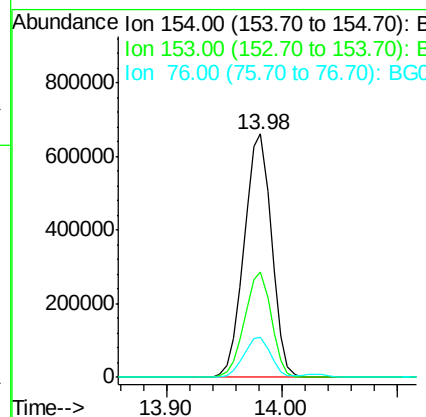
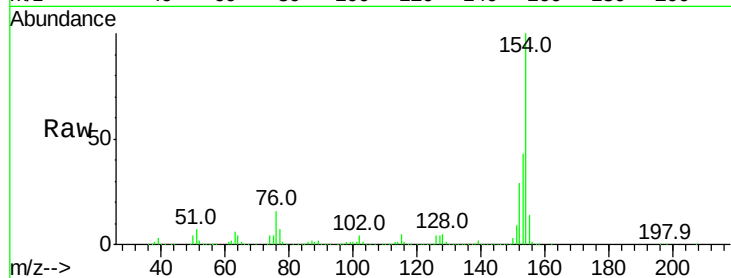




#45
 1,1'-Biphenyl
 Concen: 84.68 ng
 RT: 13.98 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

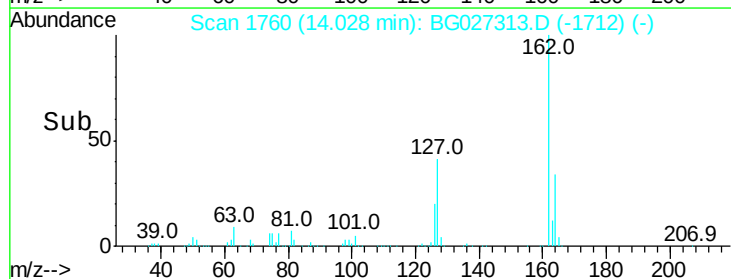
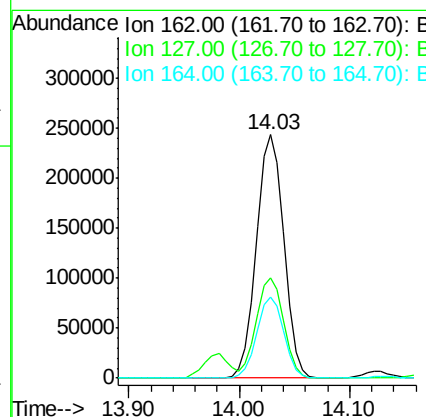
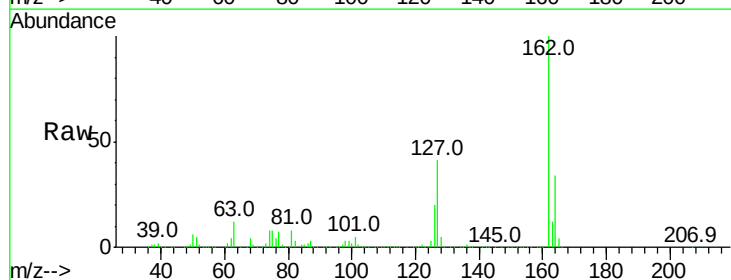
Instrument :
 BNA_G
 ClientSampled :

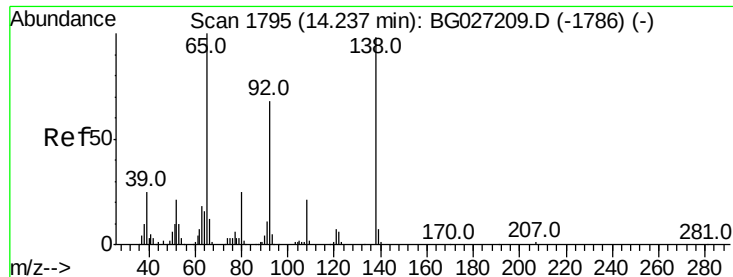
Tot Ion:154 Resp: 1087034
 Ion Ratio Lower Upper
 154 100
 153 43.1 23.0 63.0
 76 16.4 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 44.39 ng
 RT: 14.03 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion:162 Resp: 427217
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.2 48.4
 164 33.6 27.3 40.9





#47

2-Nitroaniline

Concen: 58.98 ng

RT: 14.22 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

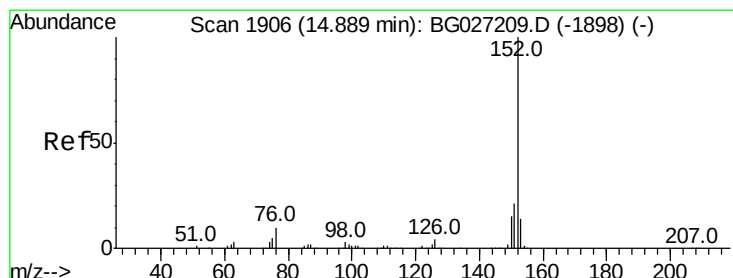
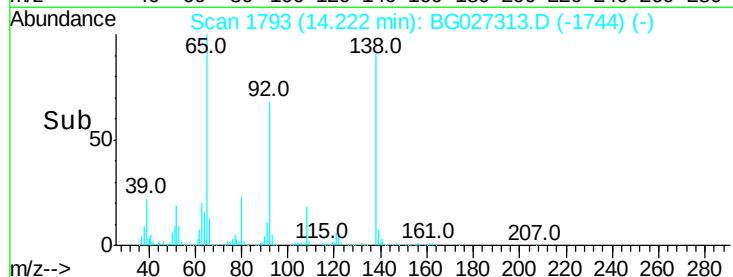
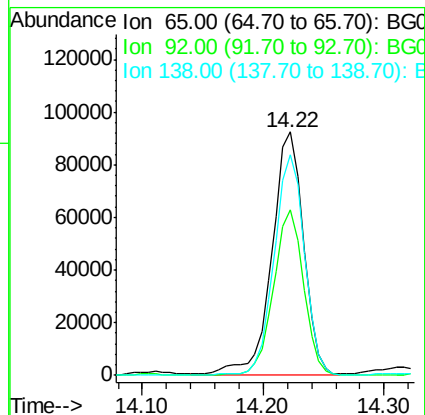
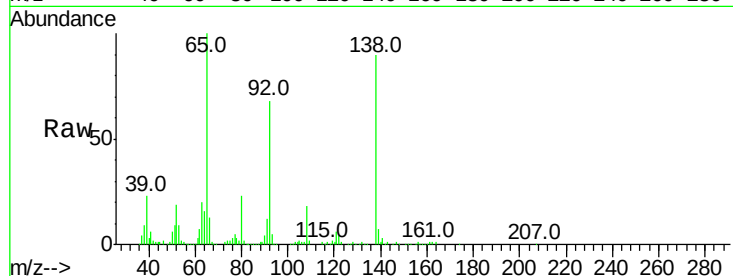
Tot Ion: 65 Resp: 166404

Ion Ratio Lower Upper

65 100

92 68.0 49.0 73.4

138 90.5 58.6 87.8#



#48

Acenaphthylene

Concen: 81.80 ng

RT: 14.87 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

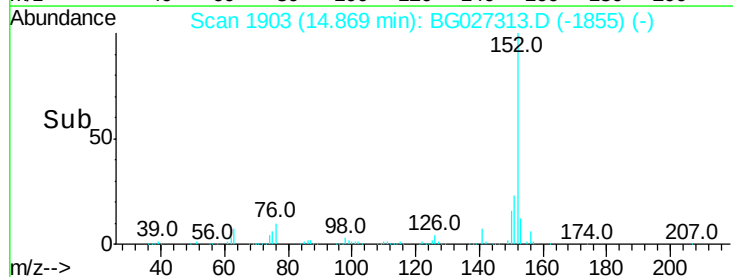
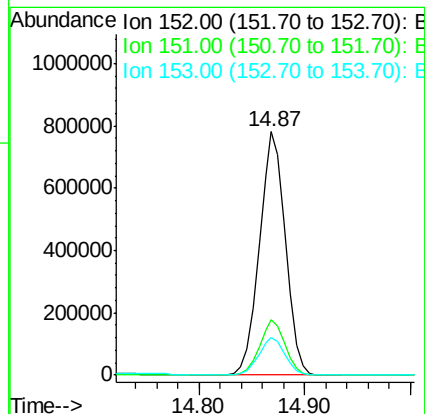
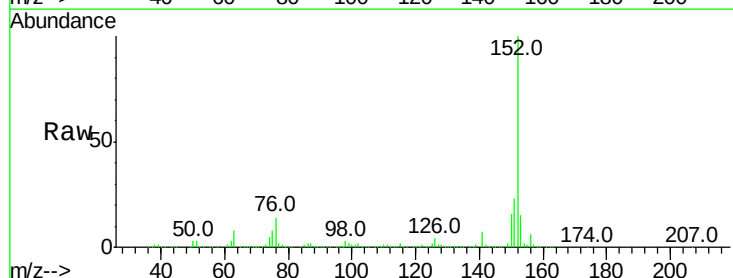
Tgt Ion:152 Resp: 1332344

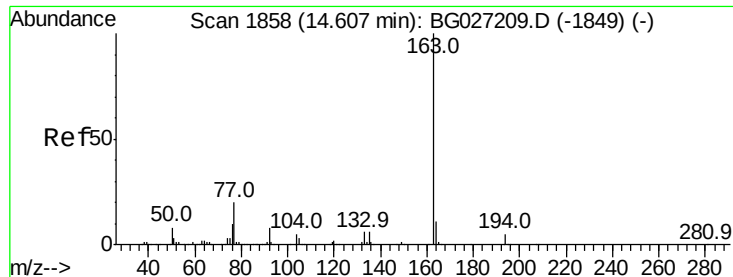
Ion Ratio Lower Upper

152 100

151 22.7 18.2 27.2

153 15.5 11.3 16.9





#49

Dimethylphthalate

Concen: 47.72 ng

RT: 14.58 min Scan# 1854

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

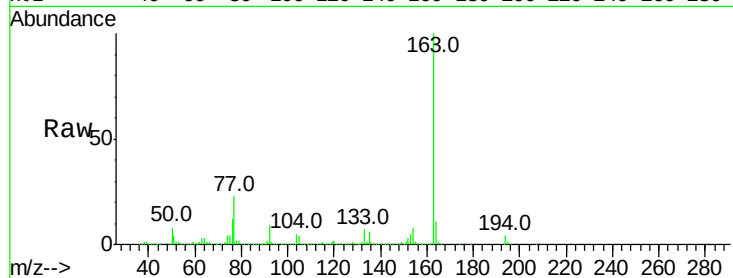
Tot Ion:163 Resp: 595386

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

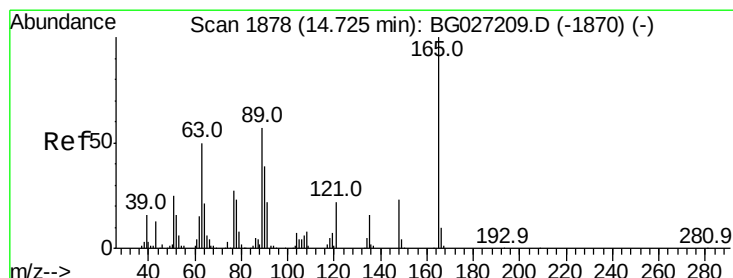
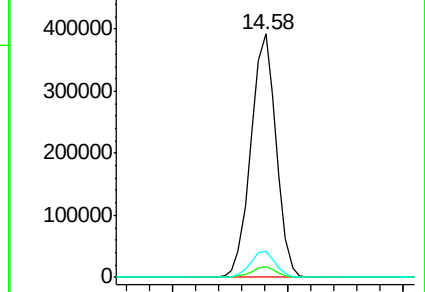
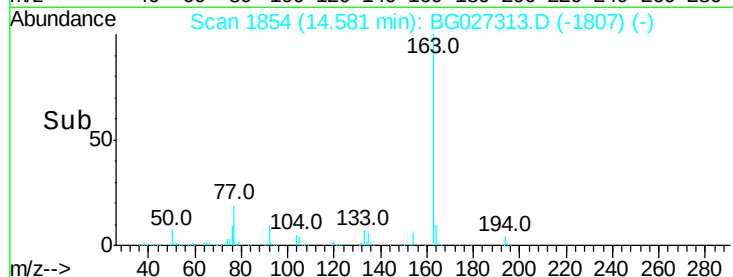
164 10.7 9.3 13.9



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: 49.15 ng

RT: 14.70 min Scan# 1874

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

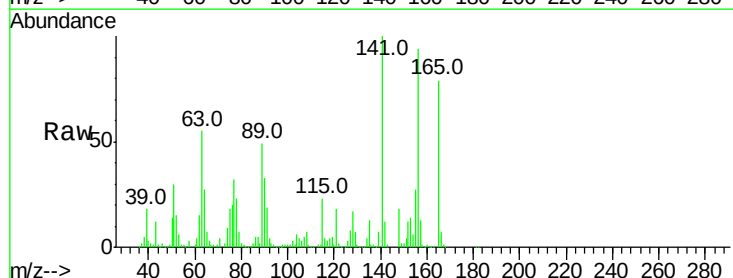
Tgt Ion:165 Resp: 124954

Ion Ratio Lower Upper

165 100

63 69.6 63.9 95.9

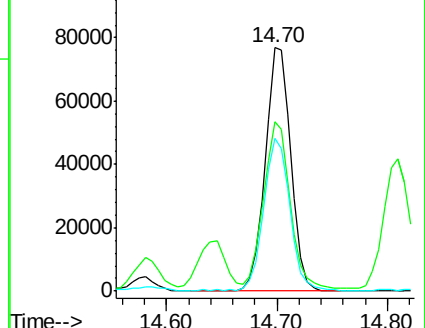
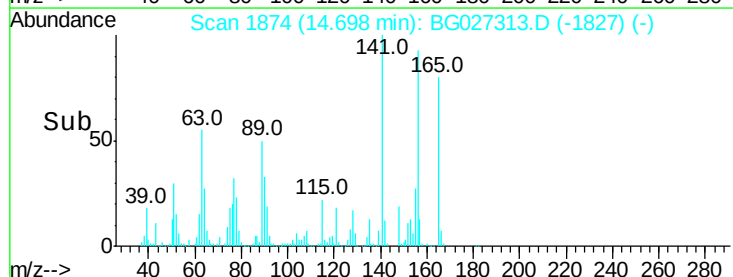
89 62.6 58.6 88.0

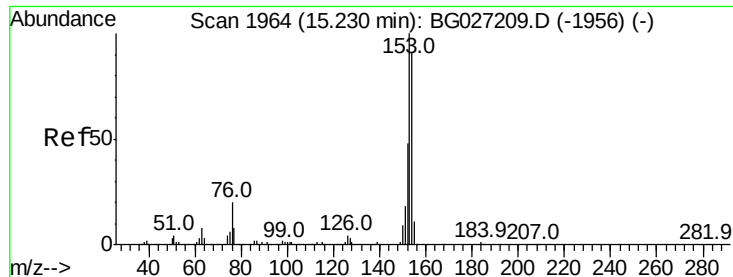


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 76.20 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

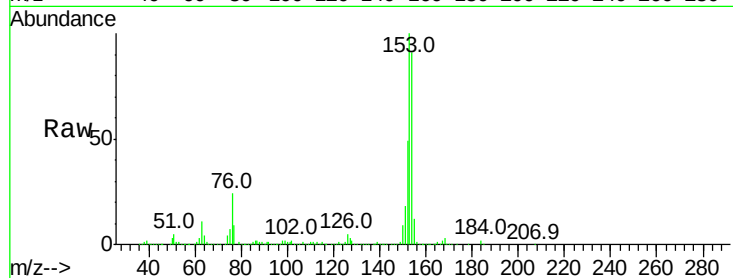
Tot Ion:154 Resp: 807328

Ion Ratio Lower Upper

154 100

153 109.7 87.8 131.6

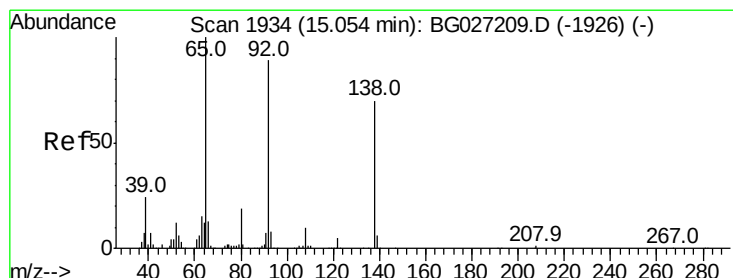
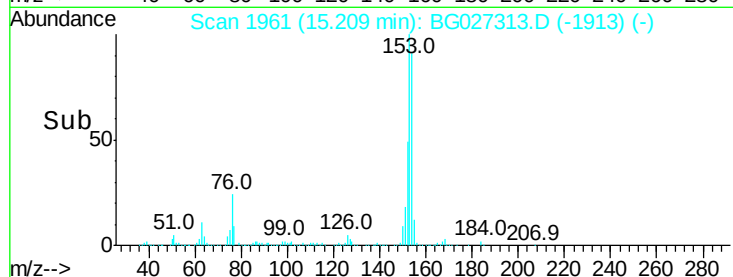
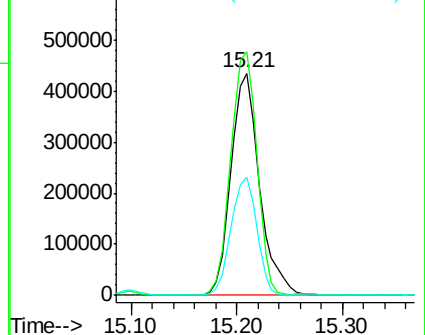
152 53.4 42.2 63.4



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: 38.44 ng

RT: 15.03 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

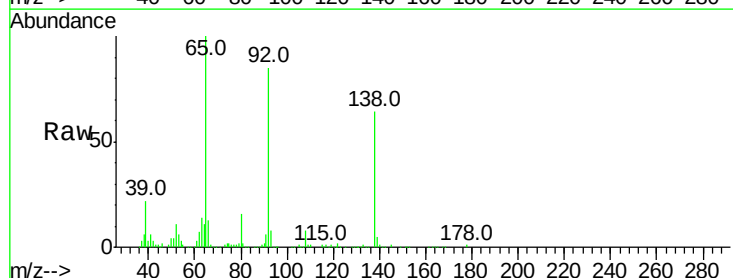
Tgt Ion:138 Resp: 98777

Ion Ratio Lower Upper

138 100

108 12.7 10.9 16.3

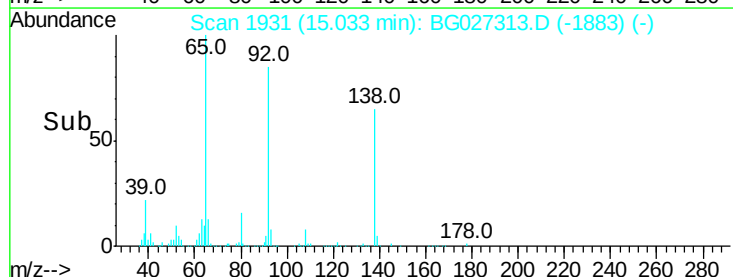
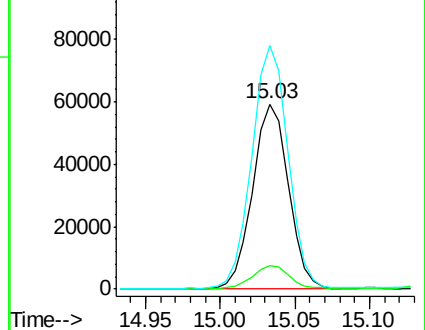
92 131.7 115.3 172.9

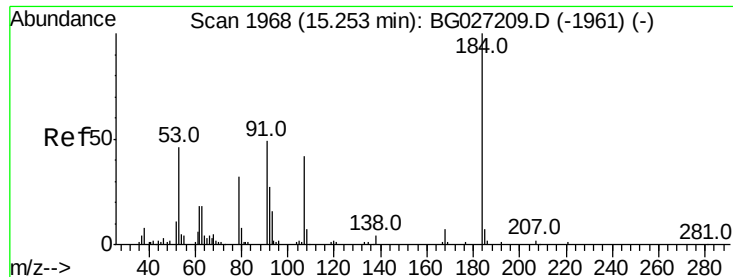


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

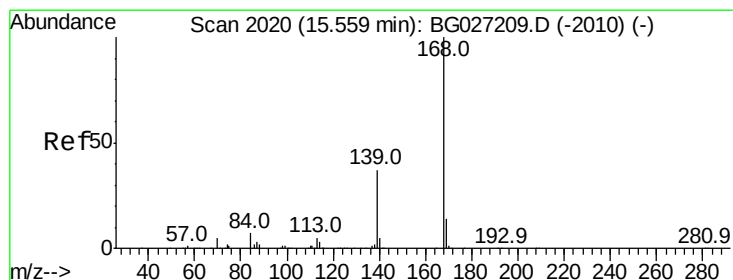
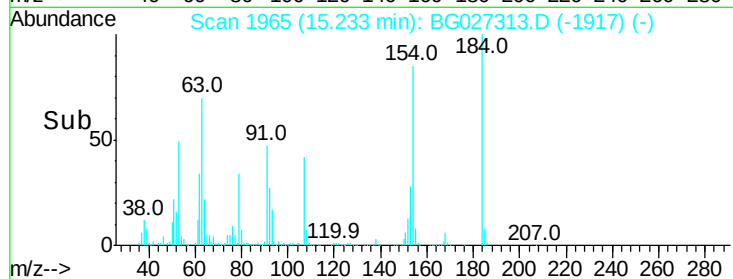
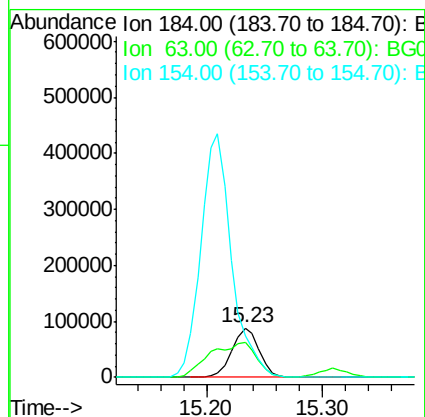
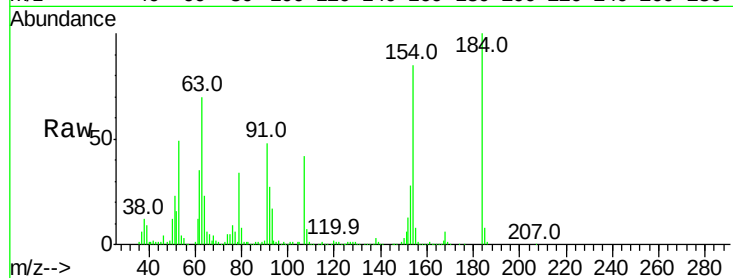




#53
2,4-Dinitrophenol
Concen: 103.68 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

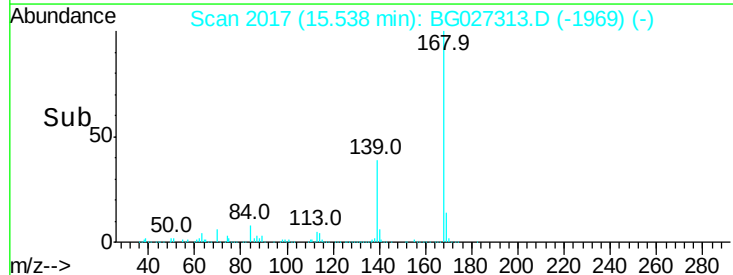
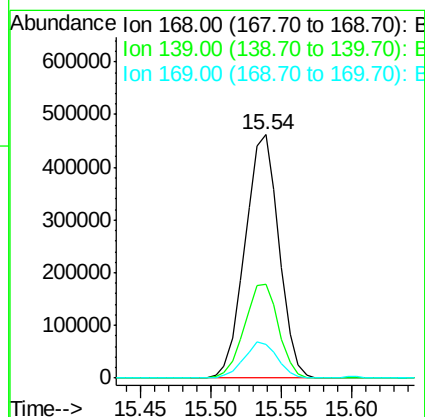
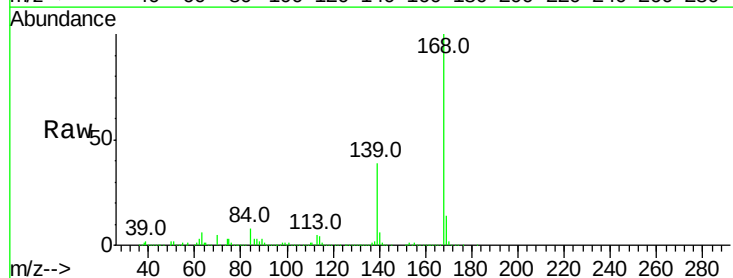
Instrument :
BNA_G
ClientSampleId :

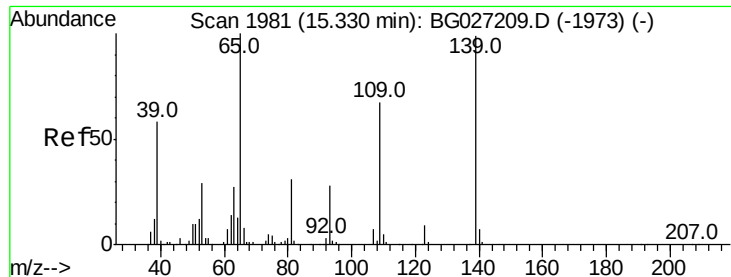
Tot Ion:184 Resp: 143486
Ion Ratio Lower Upper
184 100
63 70.5 52.7 79.1
154 84.7 57.3 85.9



#54
Dibenzofuran
Concen: 52.39 ng
RT: 15.54 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:168 Resp: 775700
Ion Ratio Lower Upper
168 100
139 38.8 35.3 52.9
169 14.0 11.5 17.3

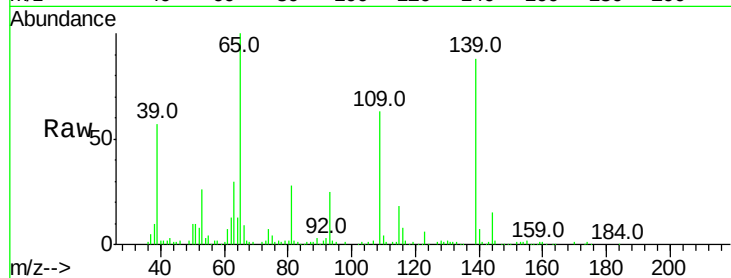




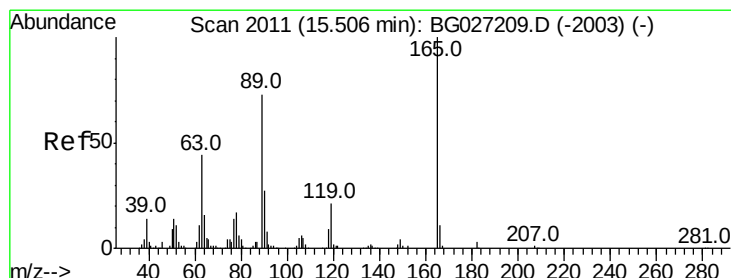
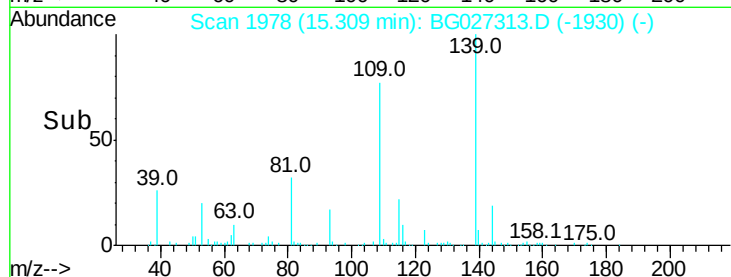
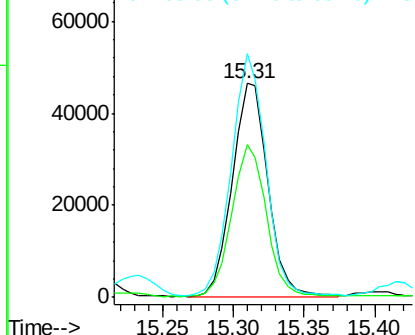
#55
4-Nitrophenol
Concen: 38.04 ng
RT: 15.31 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 81444
Ion Ratio Lower Upper
139 100
109 71.5 101.2 141.2#
65 113.8 135.3 175.3#

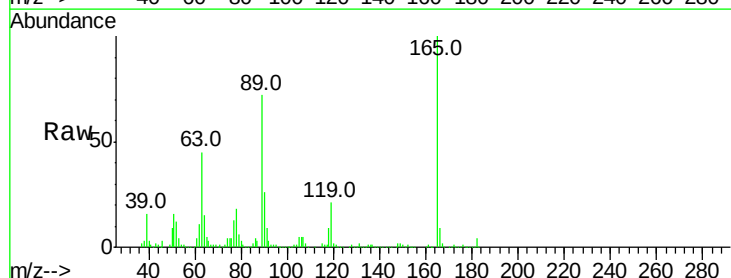


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

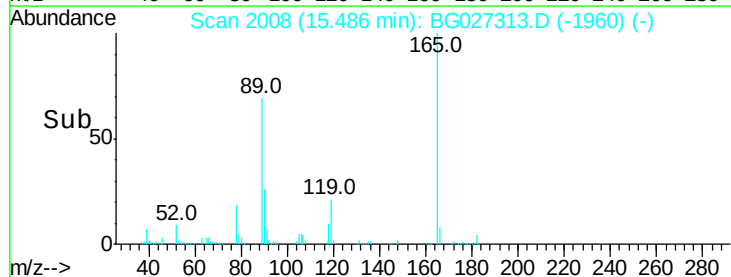
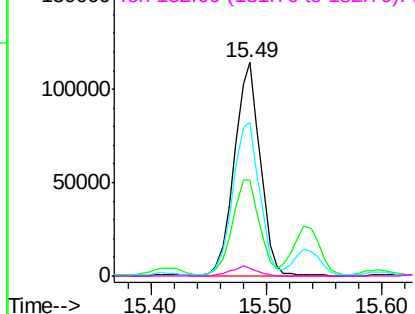


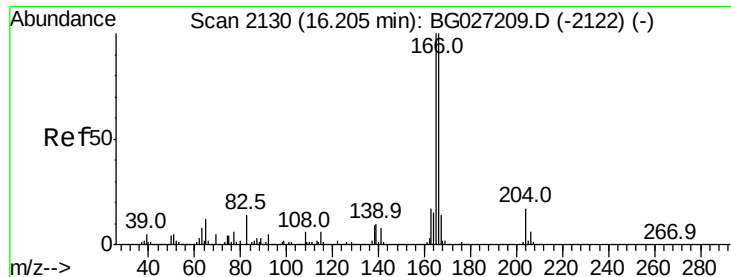
#56
2,4-Dinitrotoluene
Concen: 53.54 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:165 Resp: 176664
Ion Ratio Lower Upper
165 100
63 44.7 44.0 66.0
89 72.1 67.3 100.9
182 3.7 3.8 5.6#



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





#57

Fluorene

Concen: 63.58 ng

RT: 16.18 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

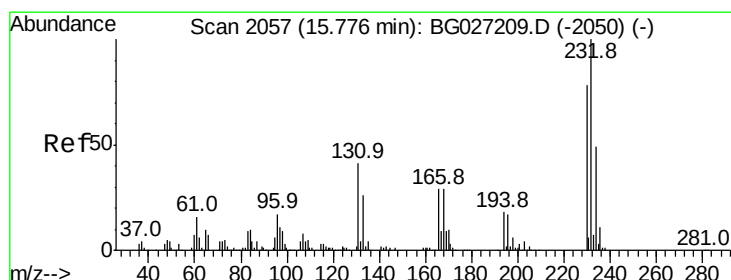
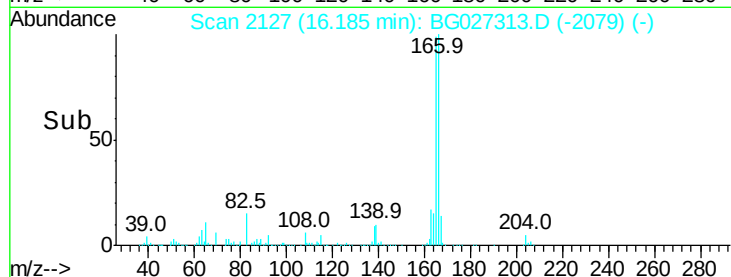
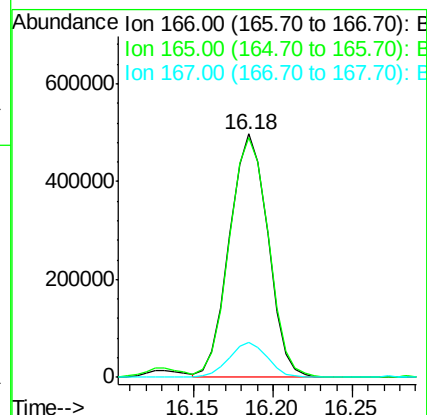
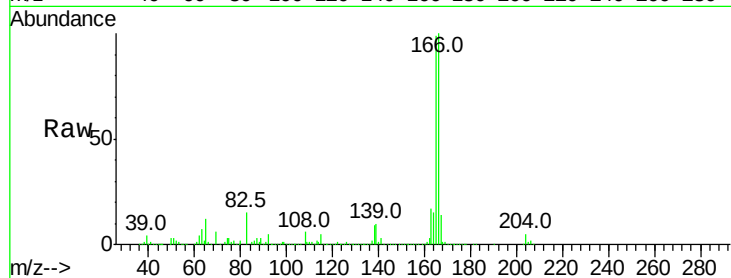
Tot Ion:166 Resp: 836099

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

167 14.2 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.74 ng

RT: 15.75 min Scan# 2053

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Tgt Ion:232 Resp: 153574

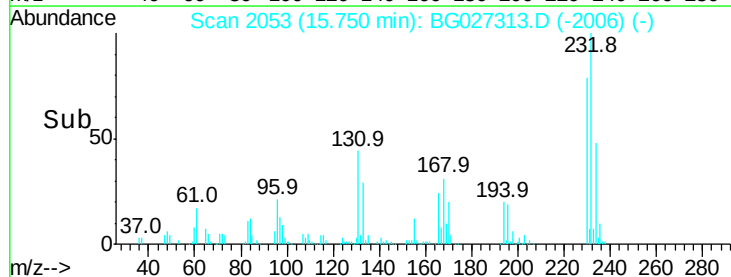
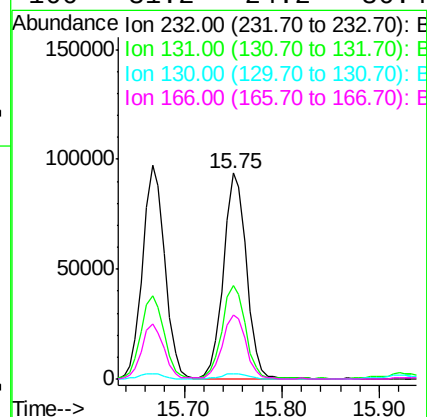
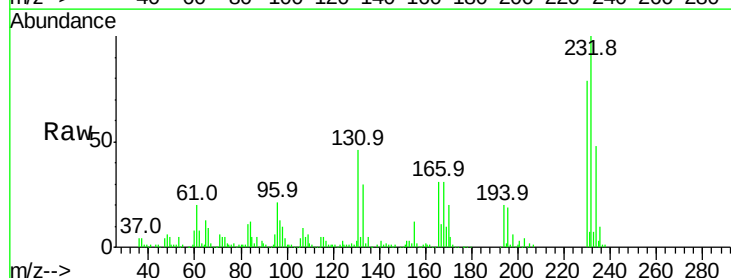
Ion Ratio Lower Upper

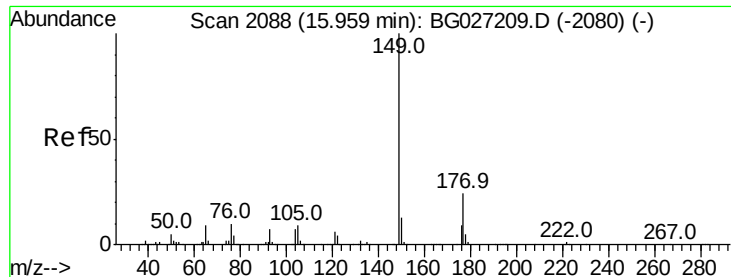
232 100

131 45.7 34.9 52.3

130 3.2 2.3 3.5

166 31.2 24.2 36.4

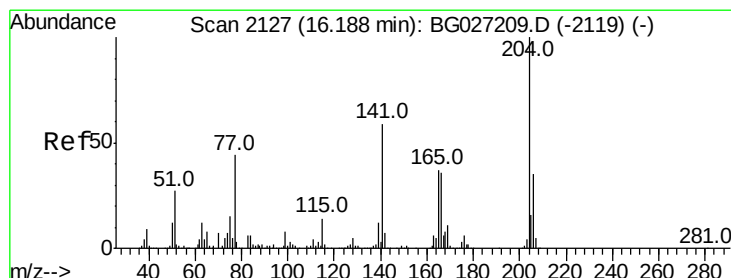
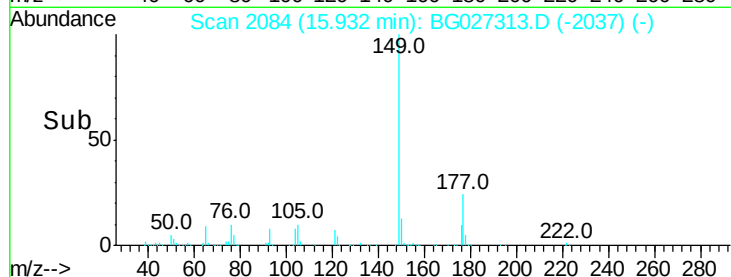
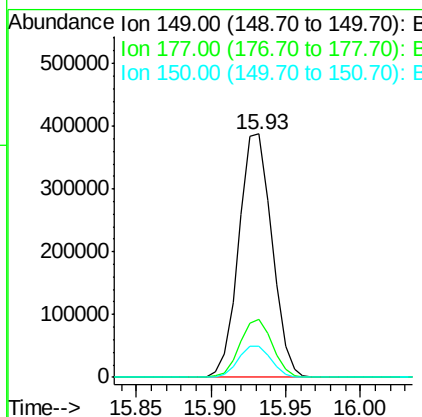
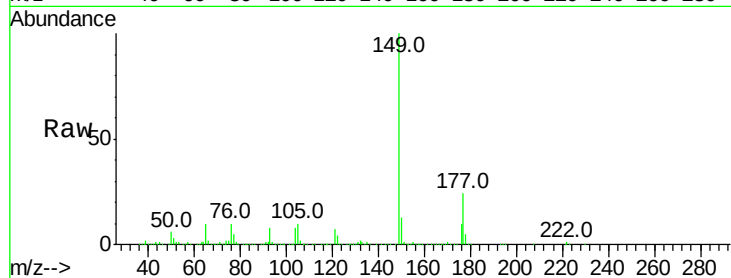




#59
Diethylphthalate
Concen: 47.99 ng
RT: 15.93 min Scan# 2084
Delta R.T. -0.03 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

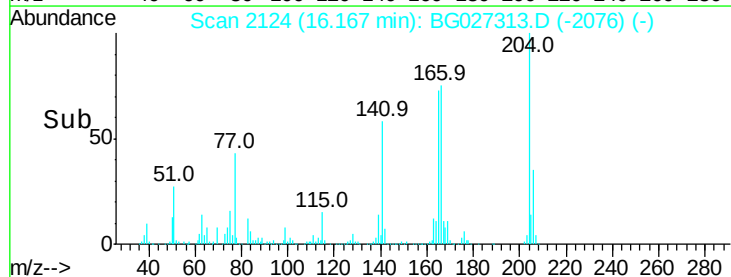
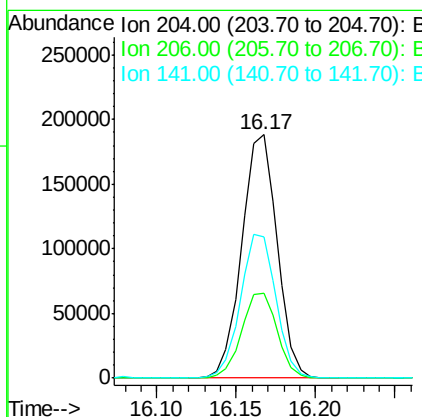
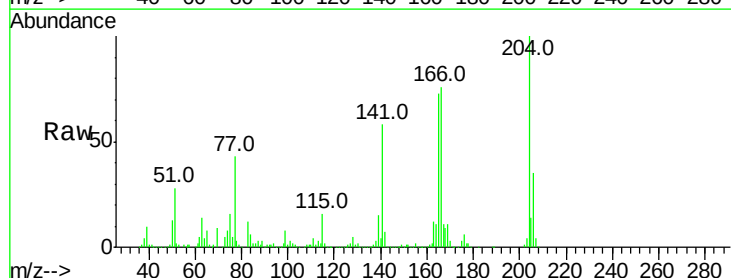
Instrument :
BNA_G
ClientSampleId :

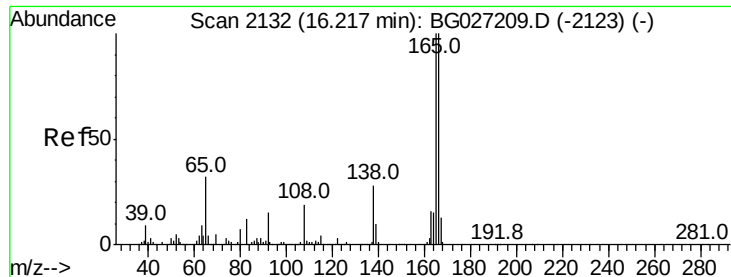
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.86 ng
RT: 16.17 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	30.1	45.1
141	57.9	50.6	76.0

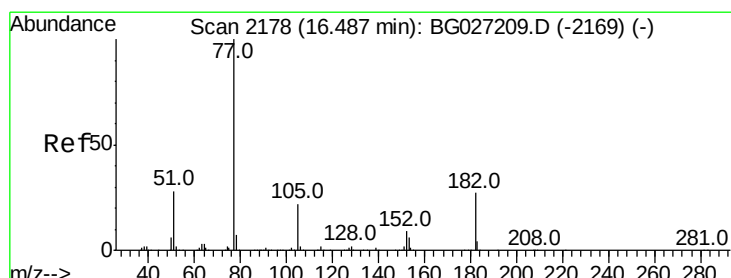
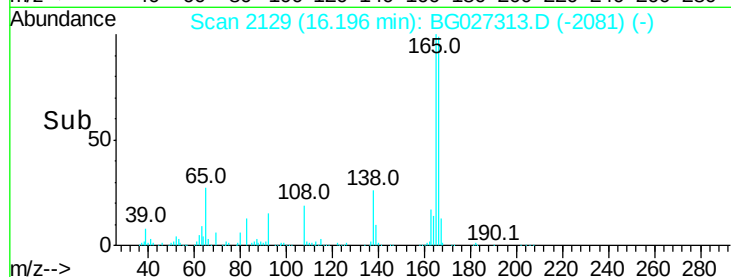
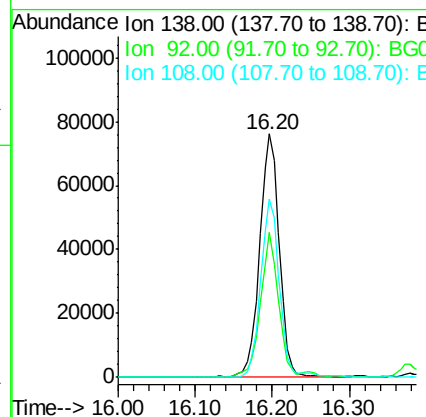
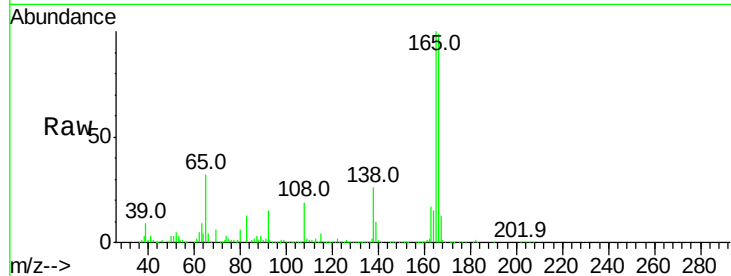




#61
4-Nitroaniline
Concen: 50.36 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

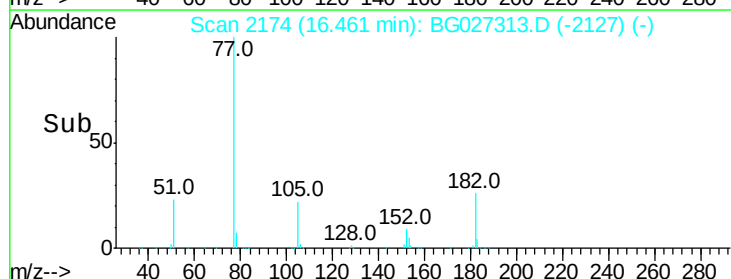
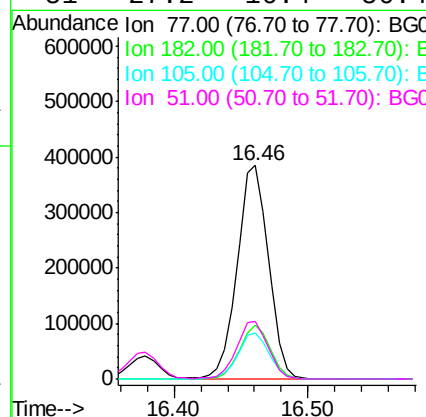
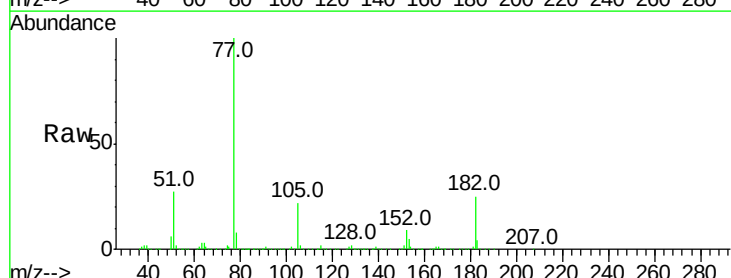
Instrument :
BNA_G
ClientSampleId :

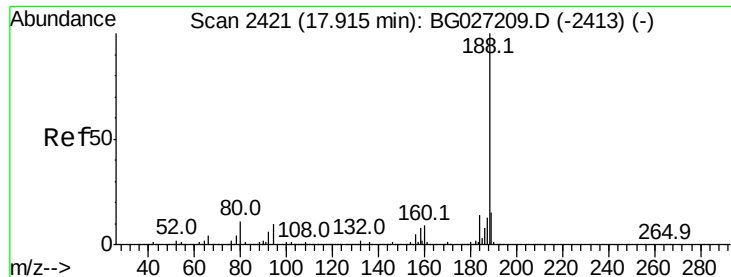
Tot Ion:138 Resp: 136371
Ion Ratio Lower Upper
138 100
92 59.6 44.2 84.2
108 73.1 104.8 144.8#



#62
Azobenzene
Concen: 53.86 ng
RT: 16.46 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion: 77 Resp: 621169
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 21.8 0.0 36.3
51 27.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.89 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

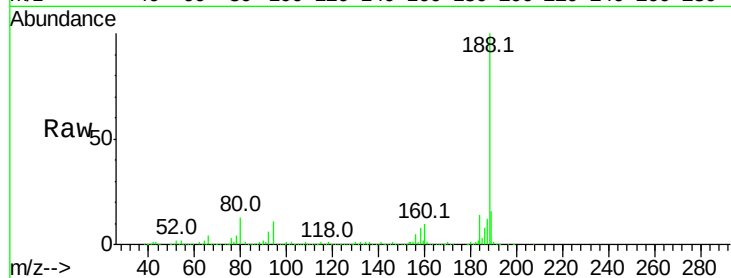
Tot Ion:188 Resp: 351381

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

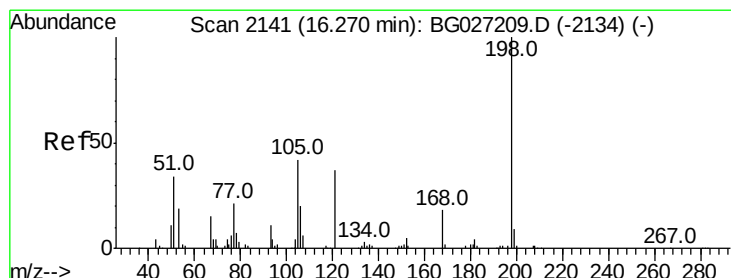
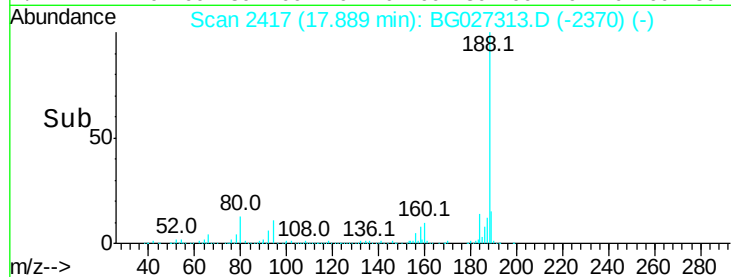
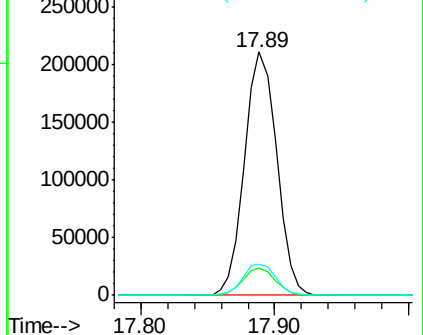
80 13.0 7.5 11.3#



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: 58.24 ng

RT: 16.25 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

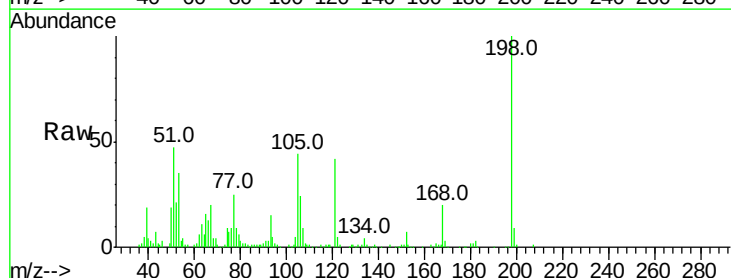
Tgt Ion:198 Resp: 97873

Ion Ratio Lower Upper

198 100

51 47.3 22.6 62.6

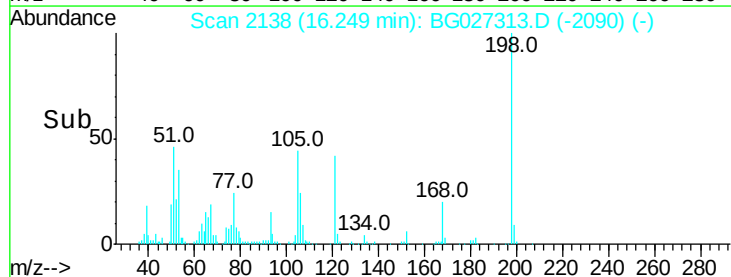
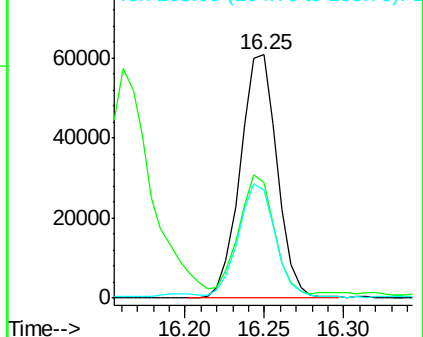
105 44.4 14.4 54.4

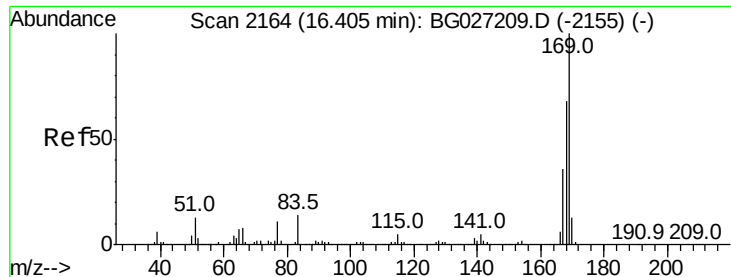


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

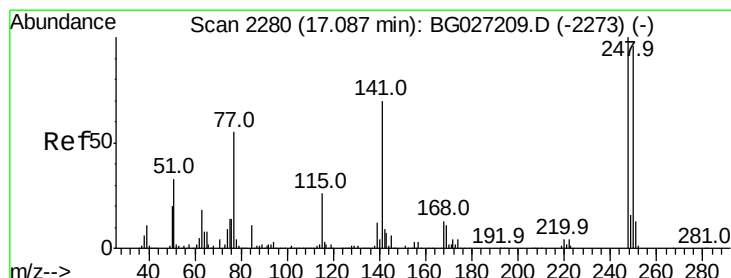
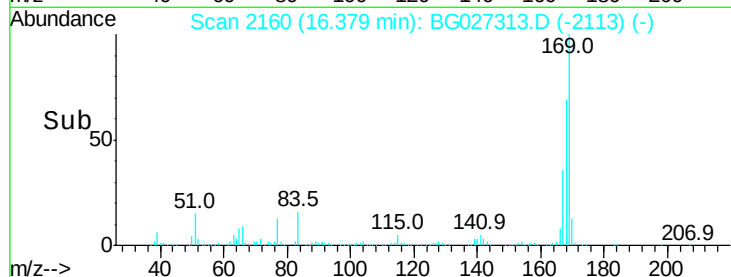
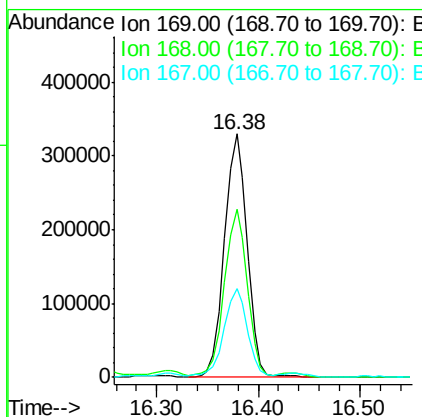
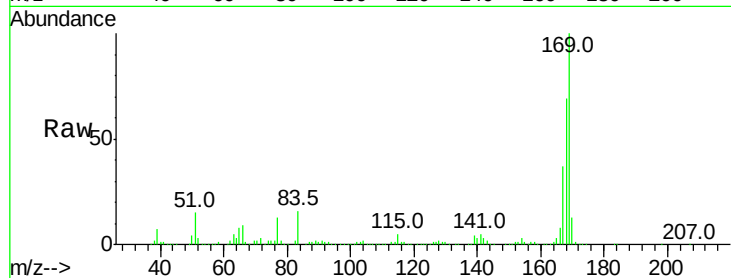




#65
n-Nitrosodiphenylamine
Concen: 46.15 ng
RT: 16.38 min Scan# 2160
Delta R.T. -0.03 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

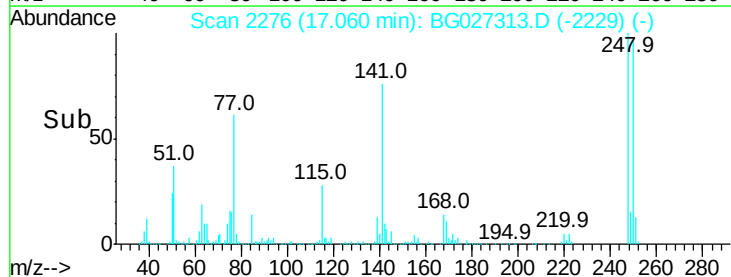
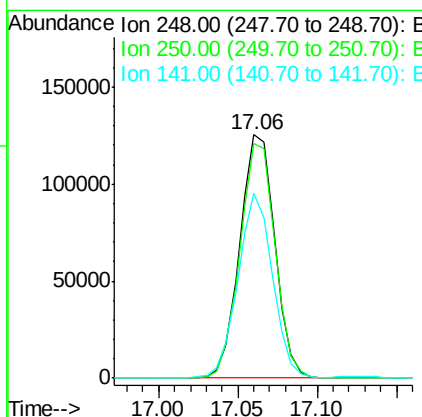
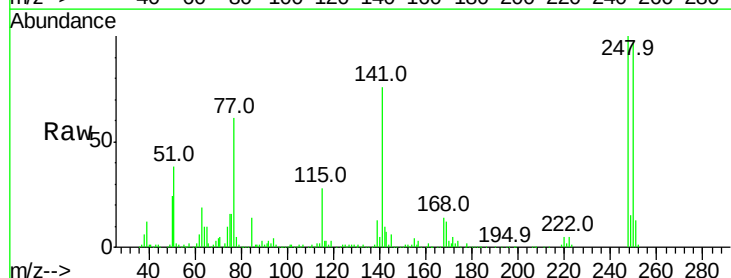
Instrument :
BNA_G
ClientSampleId :

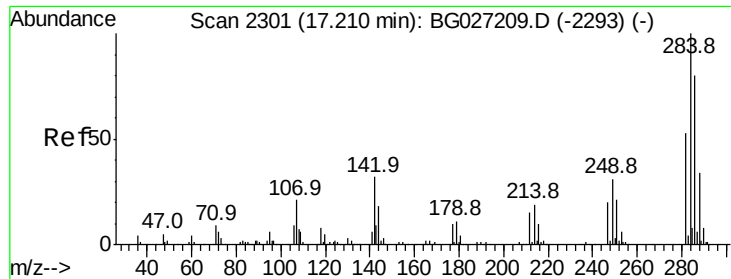
Tot Ion:169 Resp: 508407
Ion Ratio Lower Upper
169 100
168 69.1 55.7 83.5
167 36.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 46.21 ng
RT: 17.06 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:248 Resp: 192185
Ion Ratio Lower Upper
248 100
250 96.5 75.0 112.6
141 75.9 55.2 82.8





#67

Hexachlorobenzene

Concen: 45.29 ng

RT: 17.19 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

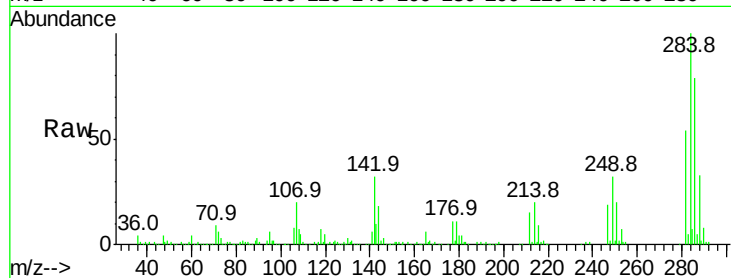
Tot Ion:284 Resp: 202613

Ion Ratio Lower Upper

284 100

142 31.7 29.9 44.9

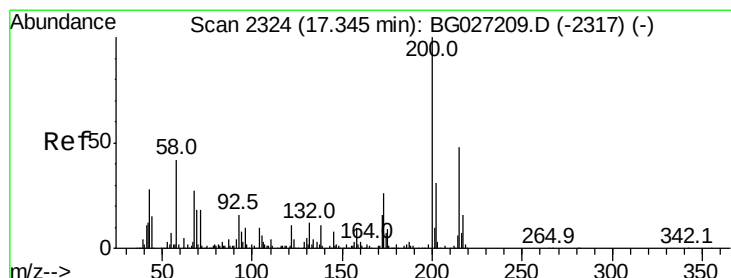
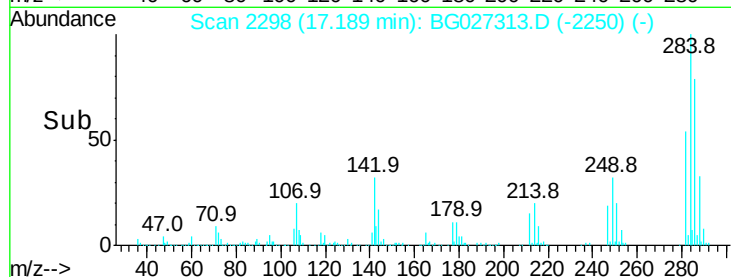
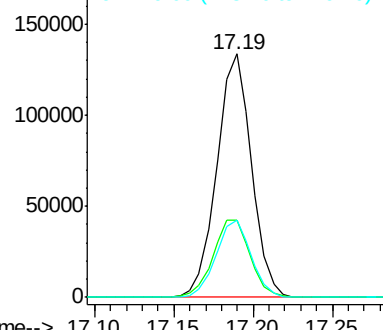
249 31.7 29.2 43.8



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: 48.85 ng

RT: 17.32 min Scan# 2320

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

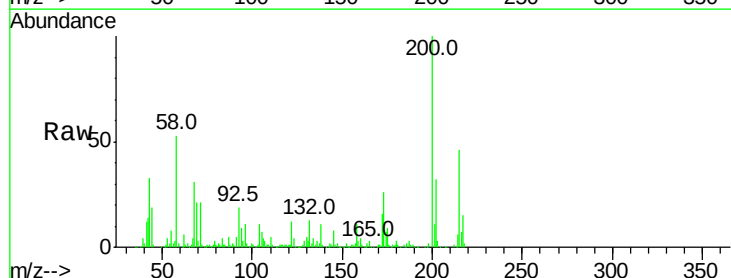
Tgt Ion:200 Resp: 179967

Ion Ratio Lower Upper

200 100

173 26.4 3.0 43.0

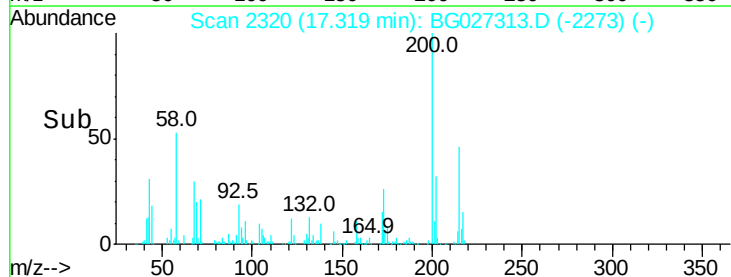
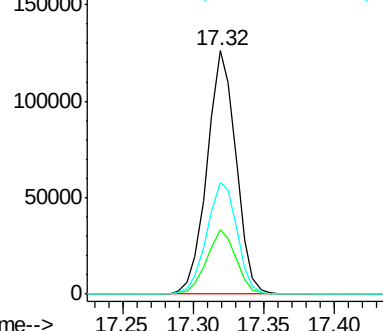
215 45.7 28.4 68.4

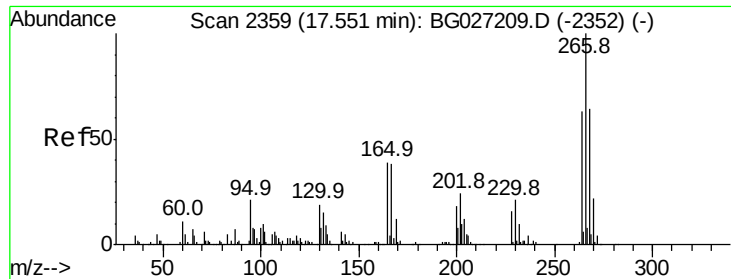


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 100.21 ng

RT: 17.53 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

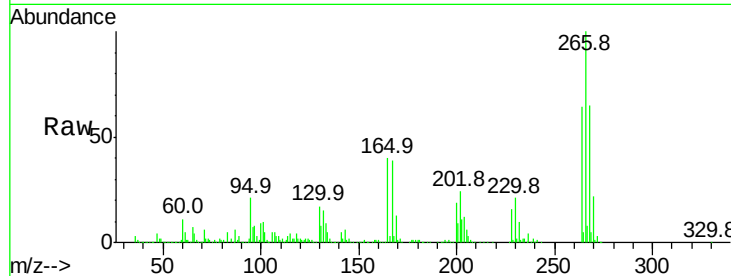
Tot Ion:266 Resp: 262754

Ion Ratio Lower Upper

266 100

268 64.6 48.6 72.8

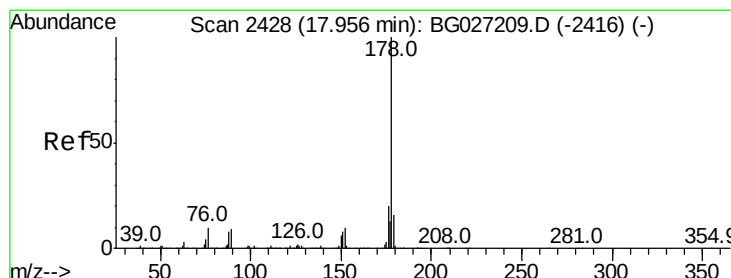
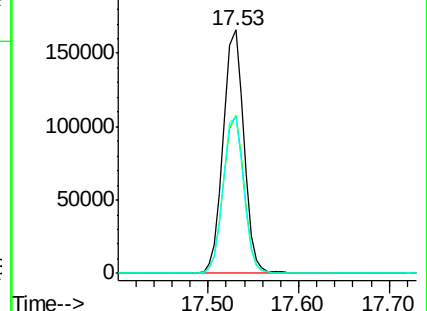
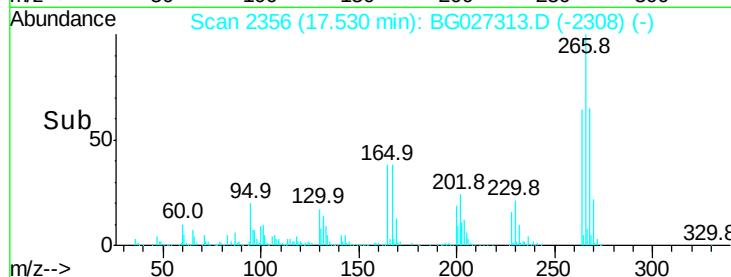
264 64.1 50.1 75.1



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: 66.33 ng

RT: 17.94 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

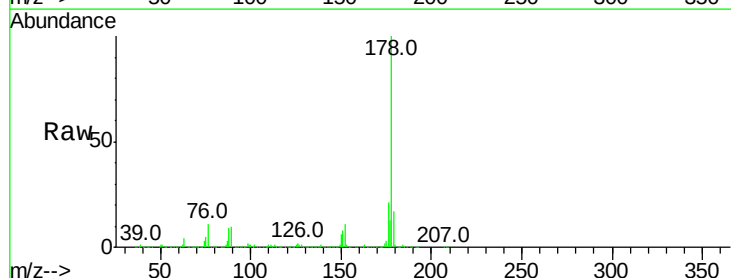
Tgt Ion:178 Resp: 1311360

Ion Ratio Lower Upper

178 100

176 21.1 17.7 26.5

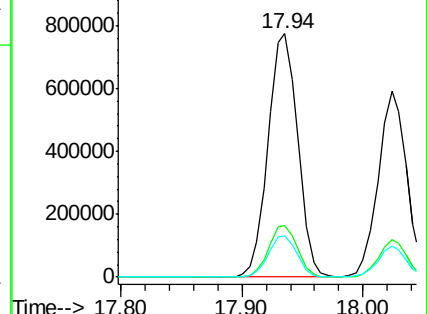
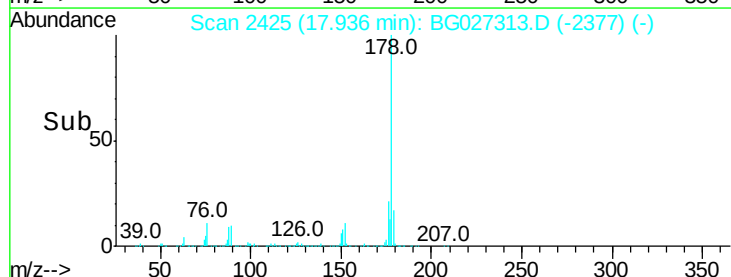
179 17.0 15.0 22.6

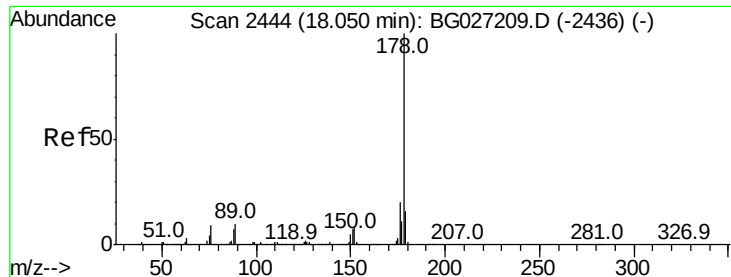


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

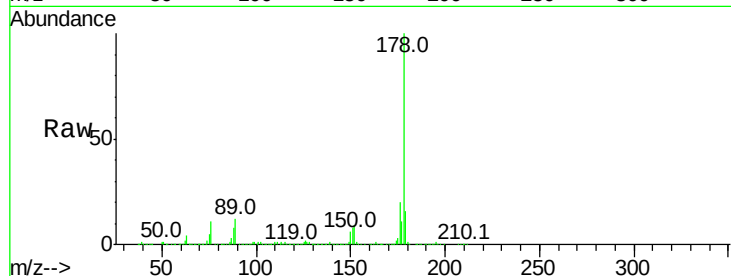




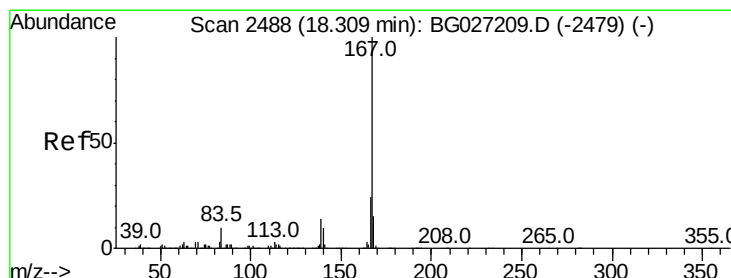
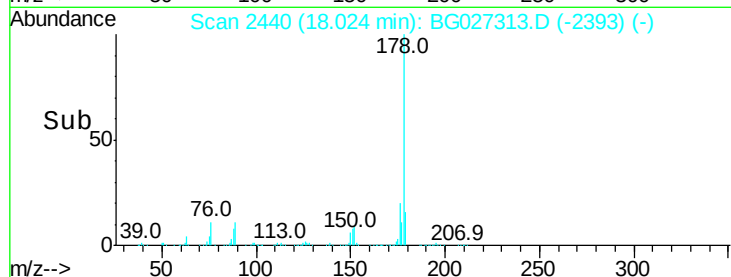
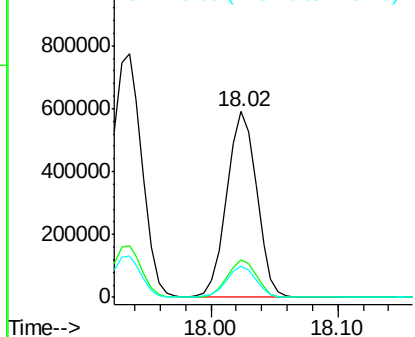
#71
 Anthracene
 Concen: 48.63 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.5	13.8	20.8

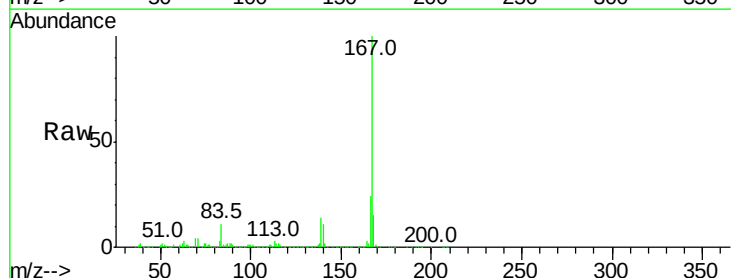


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

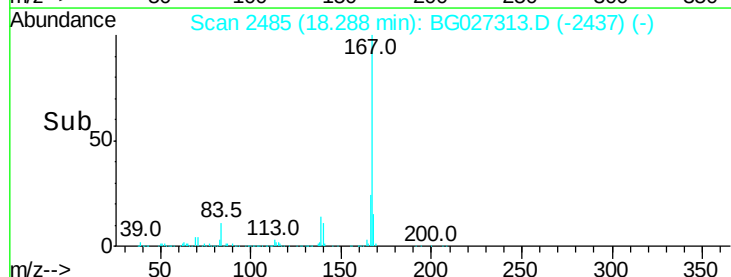
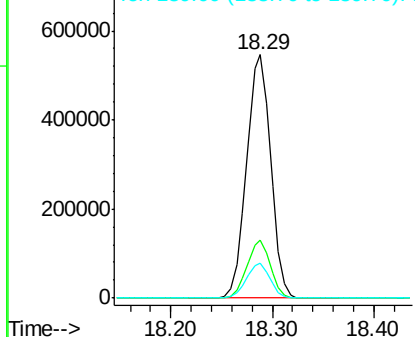


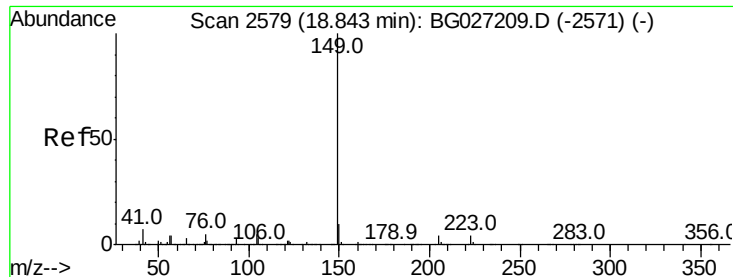
#72
 Carbazole
 Concen: 48.22 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.2	30.2
139	14.1	12.8	19.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.97 ng

RT: 18.82 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

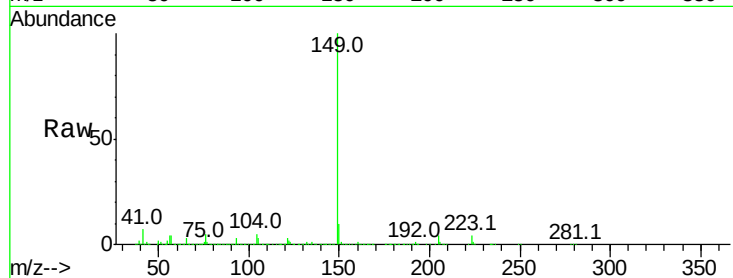
Tot Ion:149 Resp: 1013813

Ion	Ratio	Lower	Upper
149	100		
150	10.0	9.1	13.7
104	5.1	6.7	10.1

149 100

150 10.0 9.1 13.7

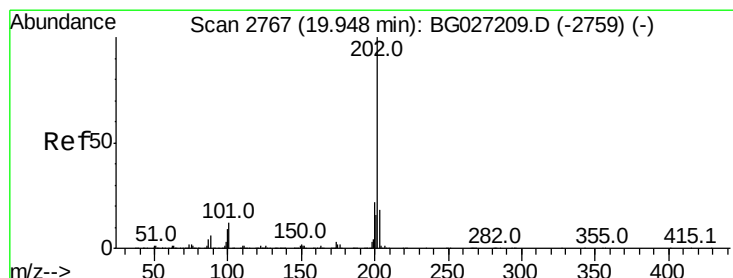
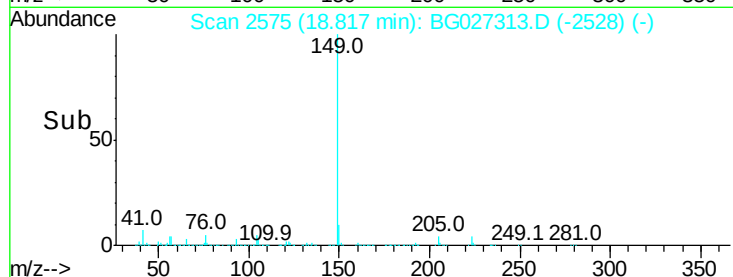
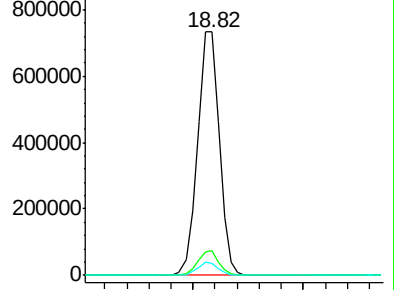
104 5.1 6.7 10.1



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: 49.43 ng

RT: 19.92 min Scan# 2763

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

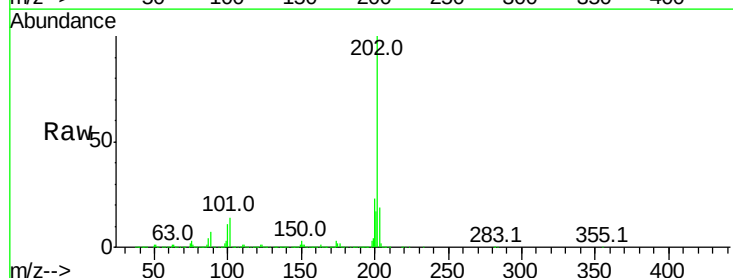
Tgt Ion:202 Resp: 1043944

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.1
203	19.1	1.3	41.3

202 100

101 13.6 0.0 30.1

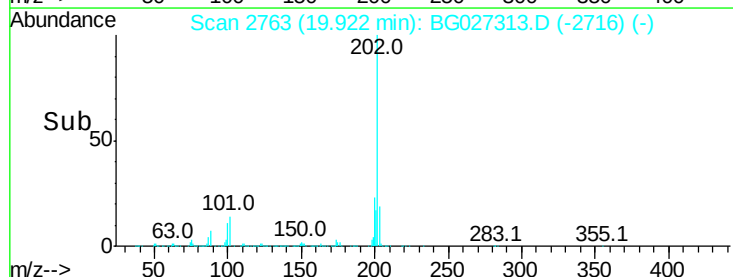
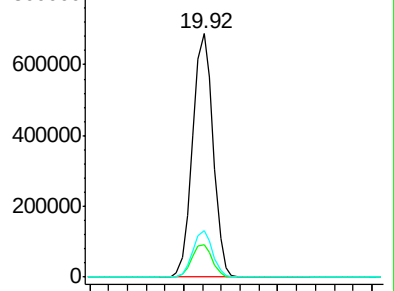
203 19.1 1.3 41.3

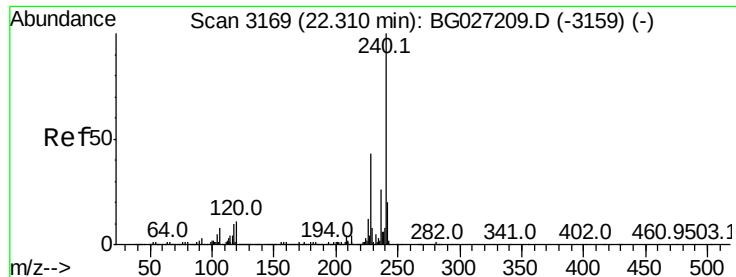


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

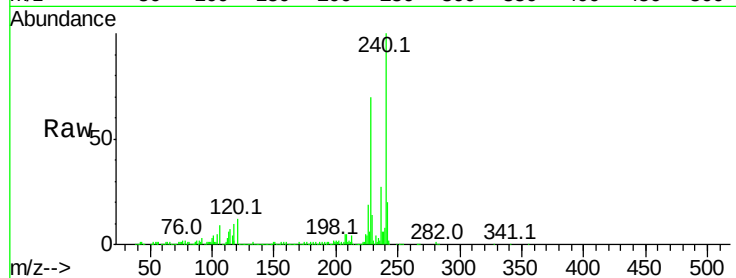
Tot Ion:240 Resp: 404565

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

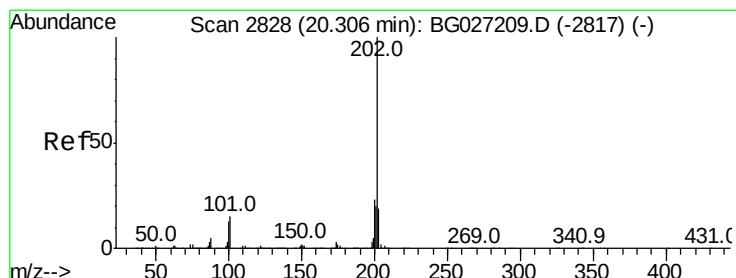
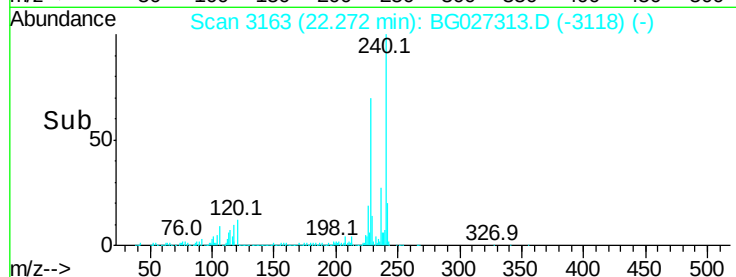
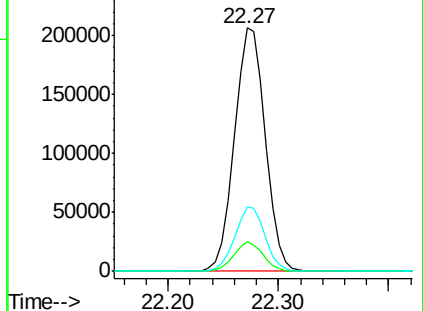
236 26.5 22.2 33.4



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



#77

Pyrene

Concen: 44.69 ng

RT: 20.28 min Scan# 2824

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

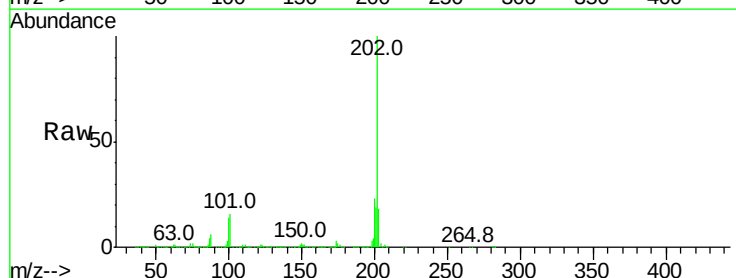
Tgt Ion:202 Resp: 1092315

Ion Ratio Lower Upper

202 100

200 22.8 19.6 29.4

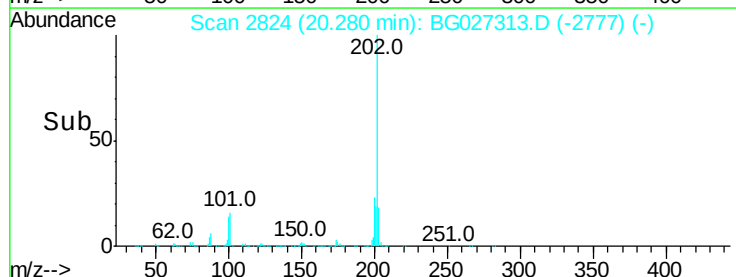
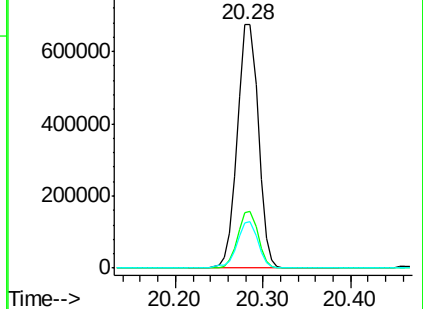
203 18.4 15.8 23.8

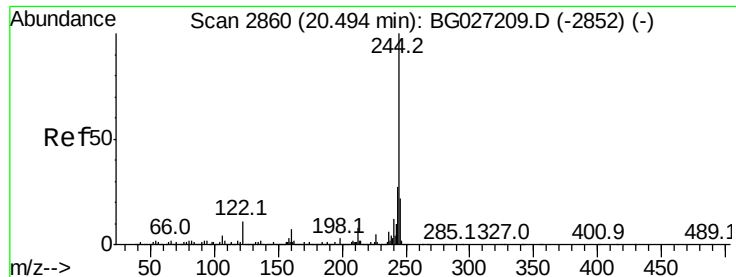


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.87 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

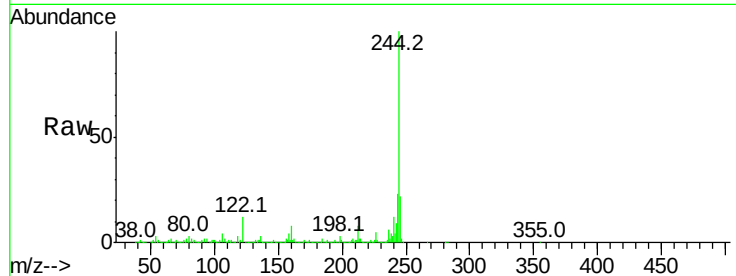
Tot Ion:244 Resp: 1472886

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

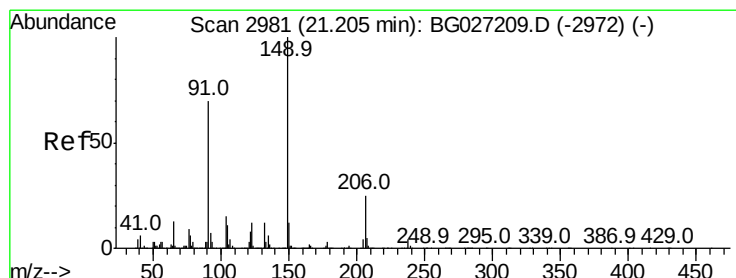
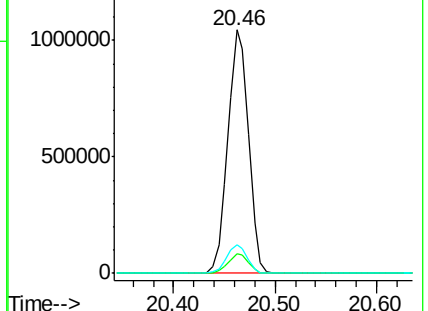
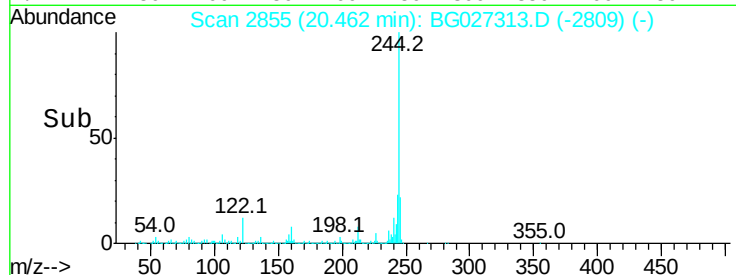
122 11.9 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 54.09 ng

RT: 21.17 min Scan# 2975

Delta R.T. -0.04 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

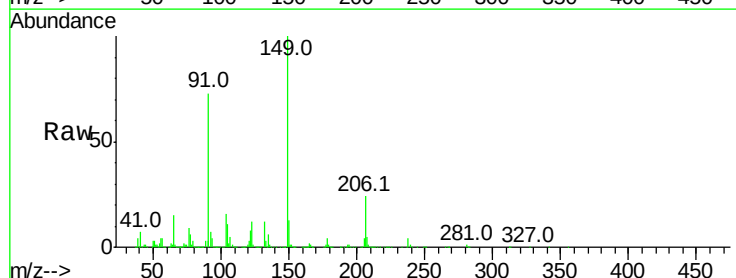
Tgt Ion:149 Resp: 467217

Ion Ratio Lower Upper

149 100

91 73.3 63.5 95.3

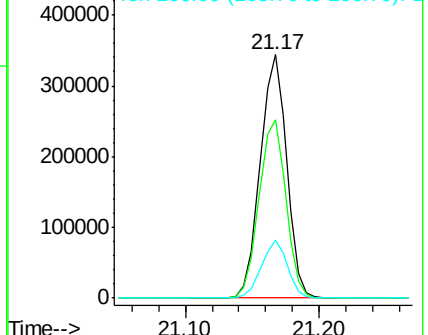
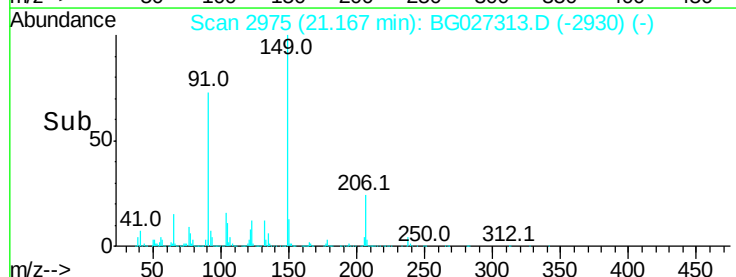
206 23.6 21.0 31.6

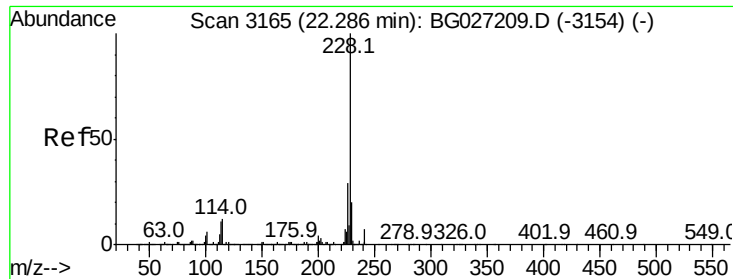


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 46.08 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

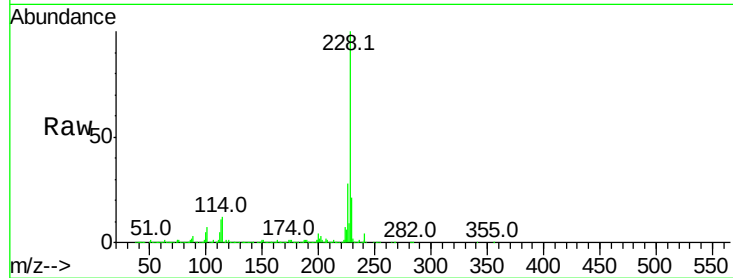
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1063247

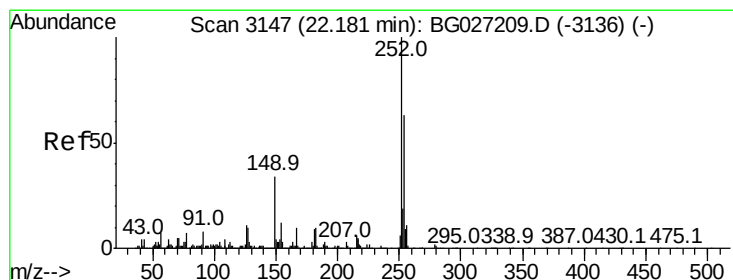
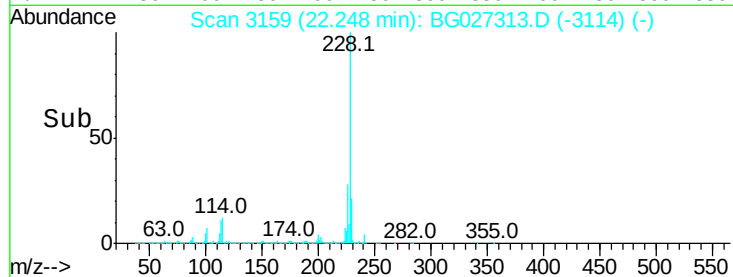
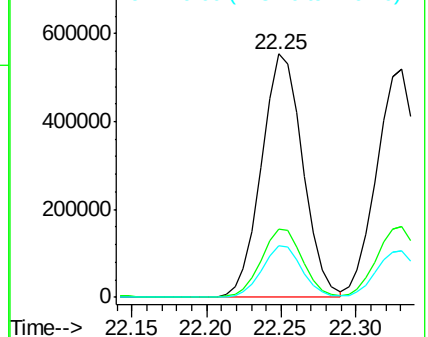
Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	21.2	18.2	27.2



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



#81

3,3'-Dichlorobenzidine

Concen: 28.53 ng

RT: 22.15 min Scan# 3142

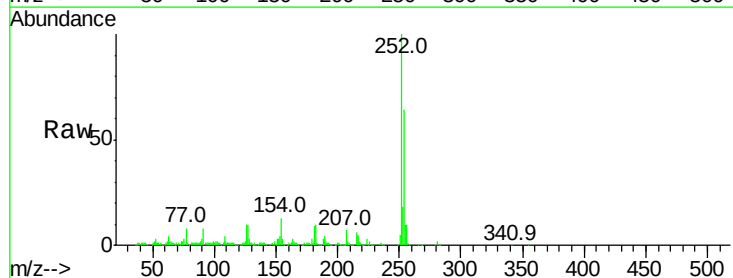
Delta R.T. -0.03 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Tgt Ion:252 Resp: 256108

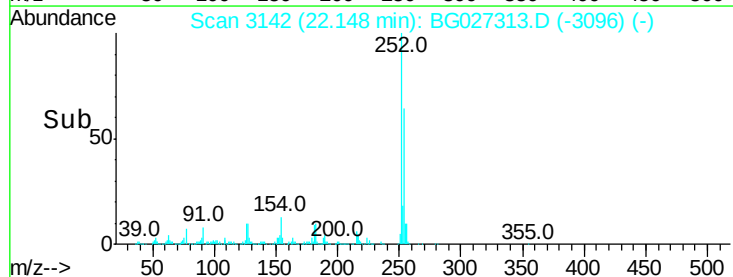
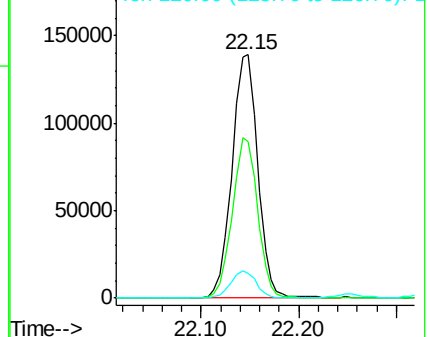
Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.1	79.7
126	10.1	7.0	10.4

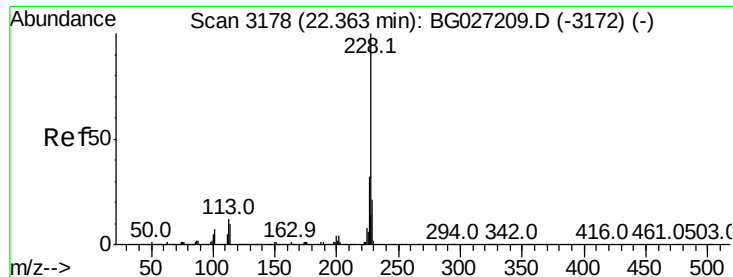


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

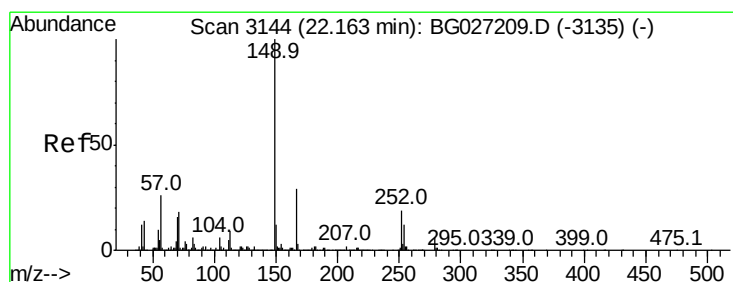
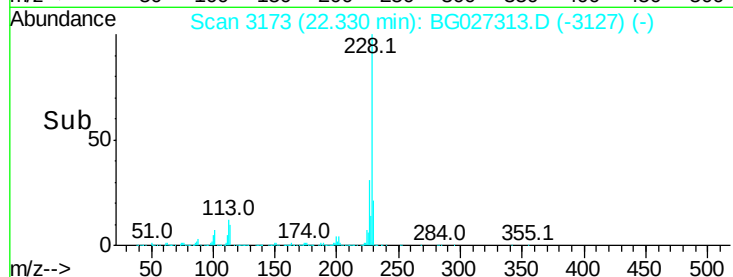
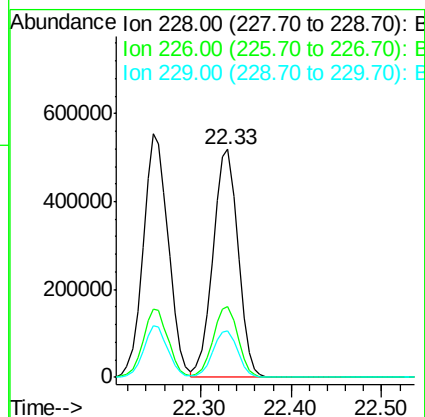
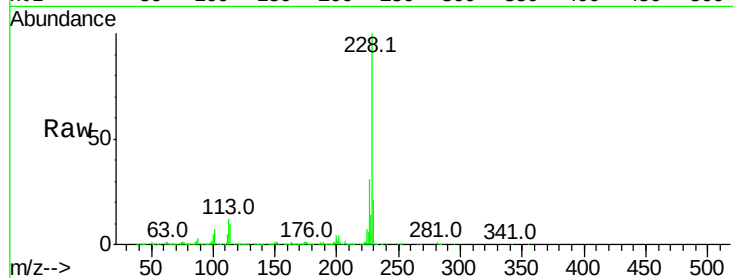




#82
 Chrysene
 Concen: 44.81 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

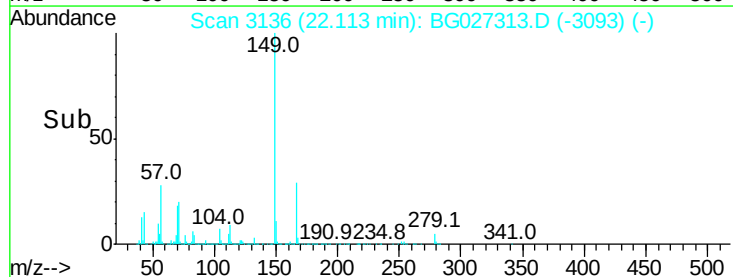
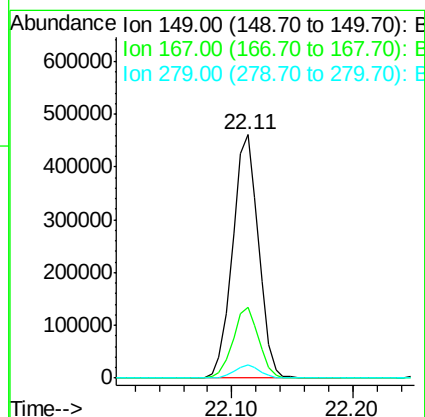
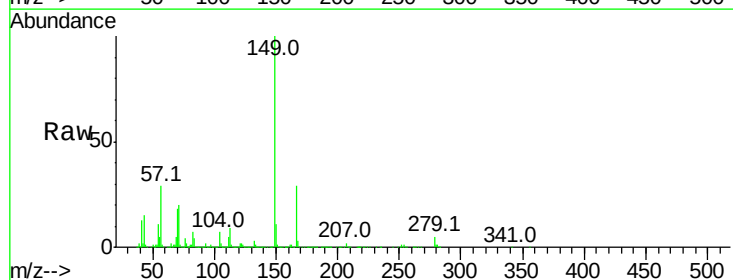
Instrument :
 BNA_G
 ClientSampleId :

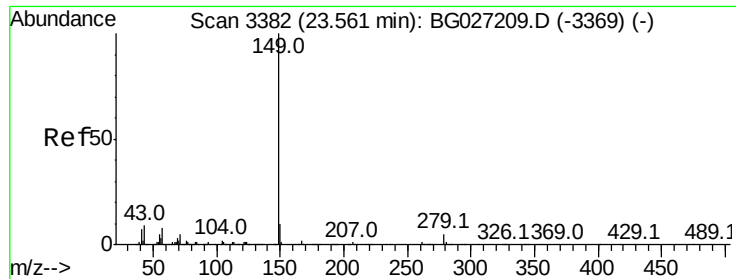
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	27.0	40.4
229	20.6	17.8	26.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.57 ng
 RT: 22.11 min Scan# 3136
 Delta R.T. -0.05 min
 Lab File: BG027313.D
 Acq: 8 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.4	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 52.38 ng

RT: 23.49 min Scan# 3370

Delta R.T. -0.07 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

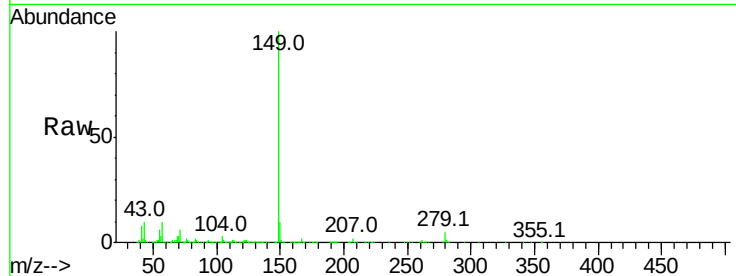
Tot Ion:149 Resp: 1132431

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 10.0 11.8 17.6#

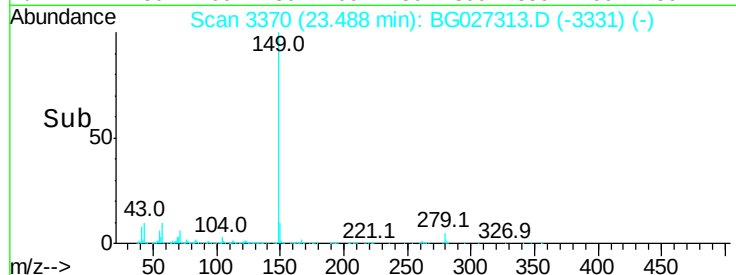


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



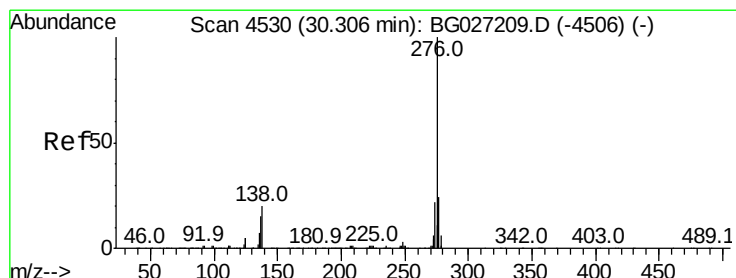
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.37 ng

RT: 30.20 min Scan# 4513

Delta R.T. -0.10 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

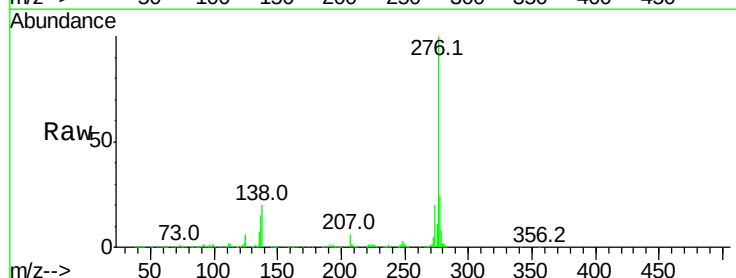
Tgt Ion:276 Resp: 1244005

Ion Ratio Lower Upper

276 100

138 18.5 4.7 7.1#

277 26.0 20.6 31.0

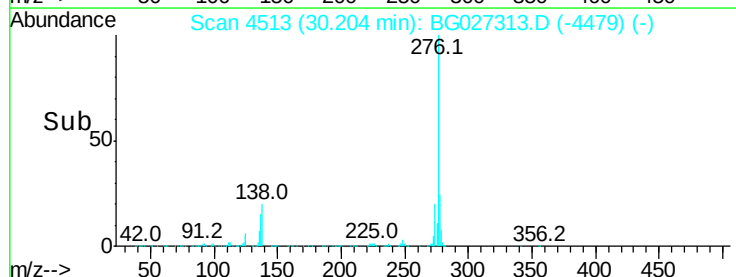


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



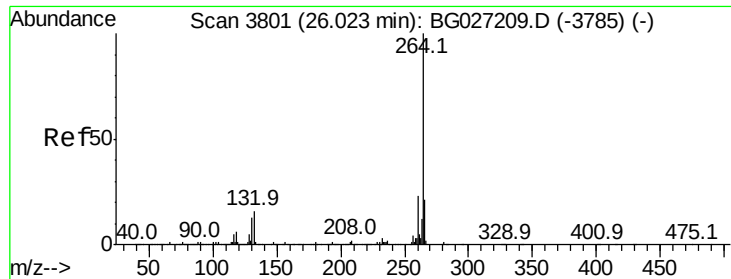
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampled :

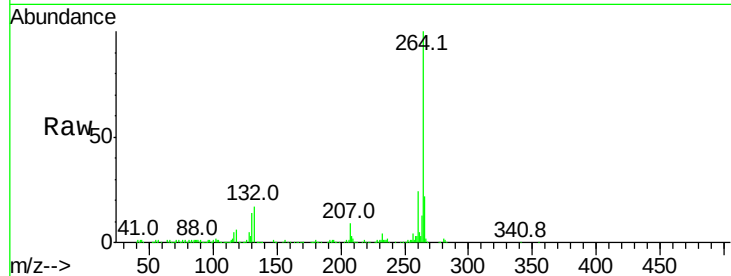
Tot Ion:264 Resp: 372176

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

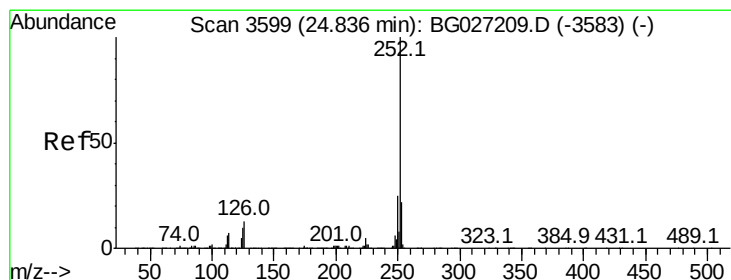
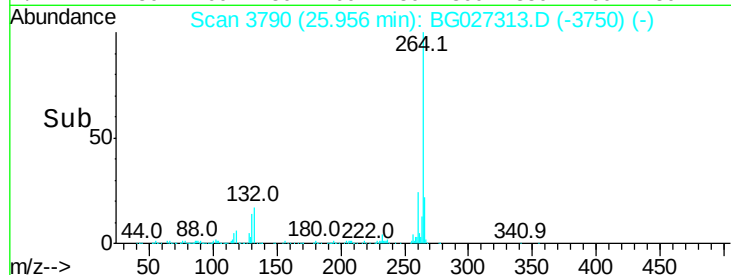
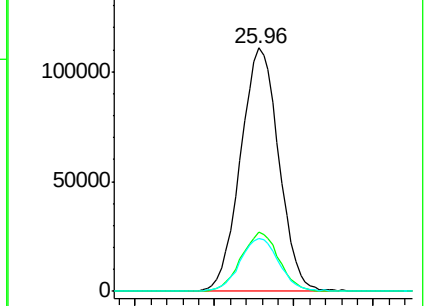
265 21.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 46.46 ng

RT: 24.78 min Scan# 3590

Delta R.T. -0.06 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

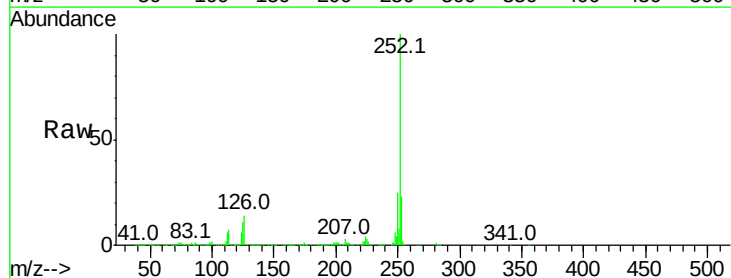
Tgt Ion:252 Resp: 1072428

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

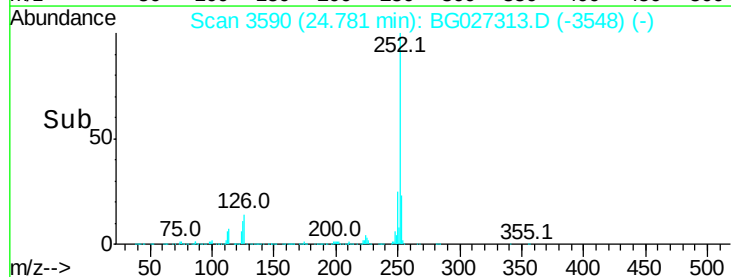
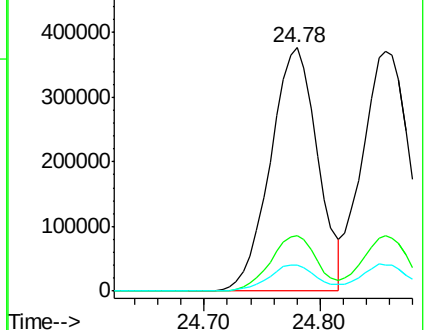
125 10.8 5.3 7.9#

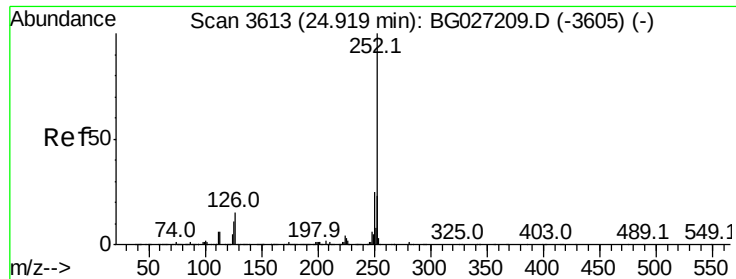


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

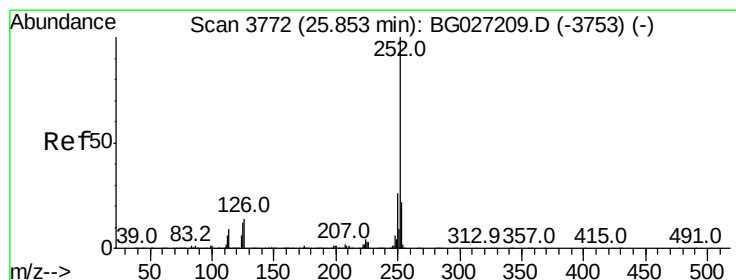
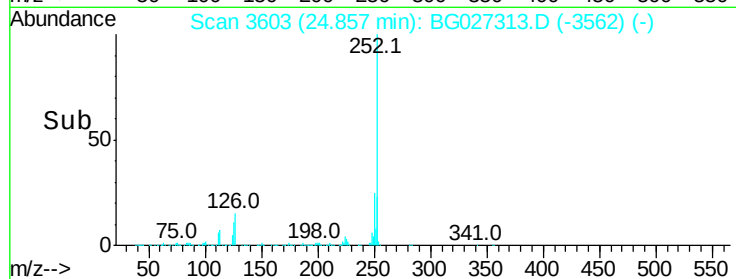
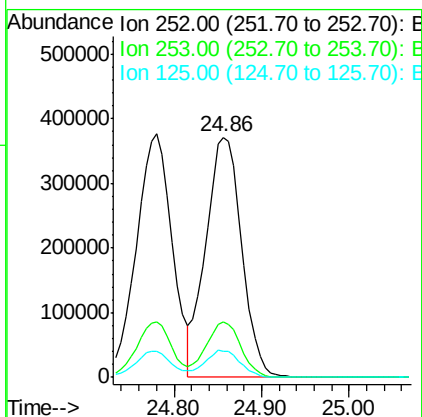
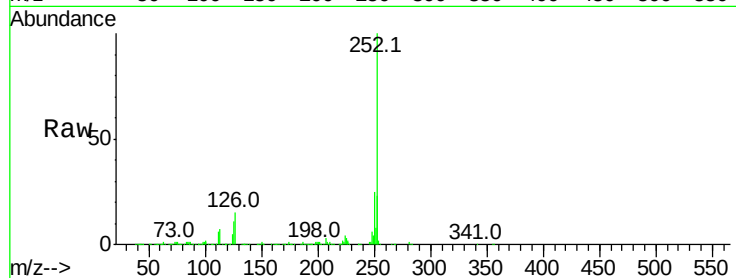




#88
Benzo(k)fluoranthene
Concen: 46.52 ng
RT: 24.86 min Scan# 3603
Delta R.T. -0.06 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

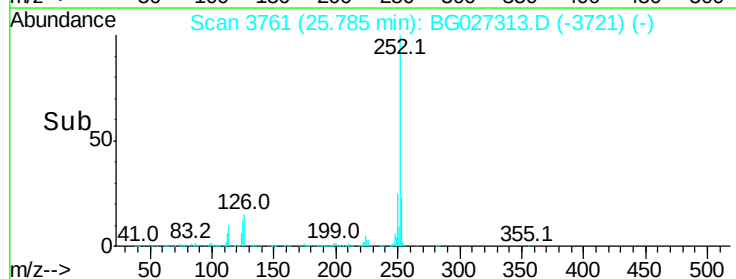
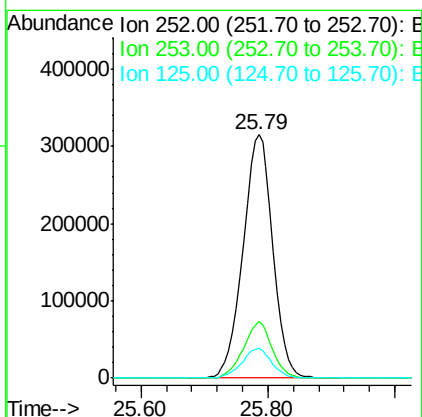
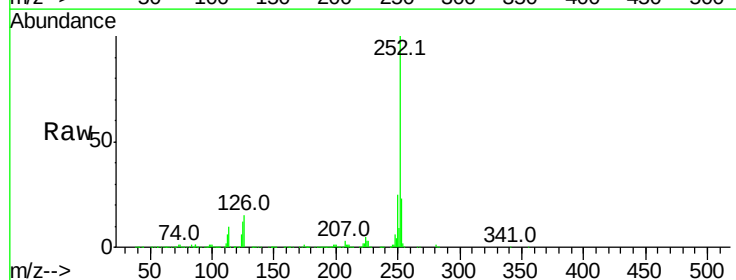
Instrument :
BNA_G
ClientSampleId :

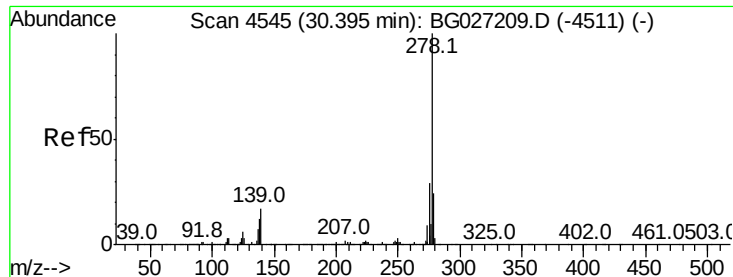
Tot Ion:252 Resp: 1053460
Ion Ratio Lower Upper
252 100
253 23.0 20.2 30.2
125 10.9 5.1 7.7#



#89
Benzo(a)pyrene
Concen: 47.27 ng
RT: 25.79 min Scan# 3761
Delta R.T. -0.07 min
Lab File: BG027313.D
Acq: 8 Jun 2017 11:23

Tgt Ion:252 Resp: 1027146
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 12.2 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 46.59 ng

RT: 30.29 min Scan# 4527

Delta R.T. -0.11 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

Instrument :

BNA_G

ClientSampleId :

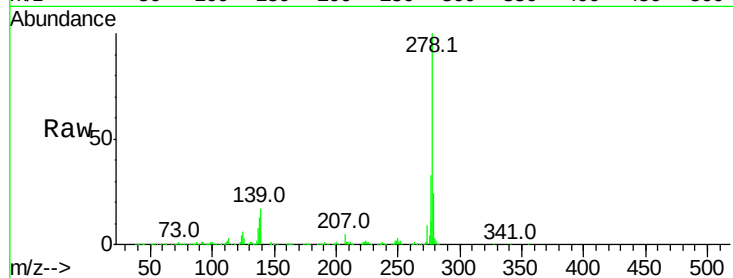
Tot Ion:278 Resp: 1059700

Ion	Ratio	Lower	Upper
278	100		
139	16.5	7.7	11.5#
279	24.4	19.1	28.7

278 100

139 16.5 7.7 11.5#

279 24.4 19.1 28.7

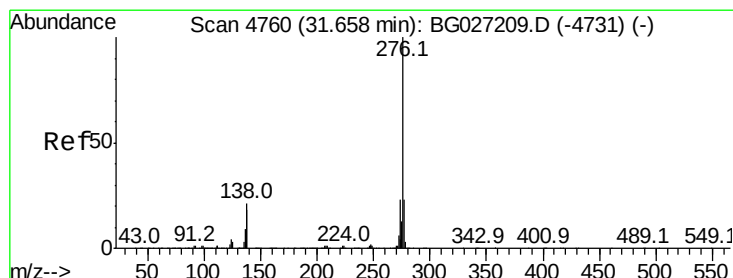
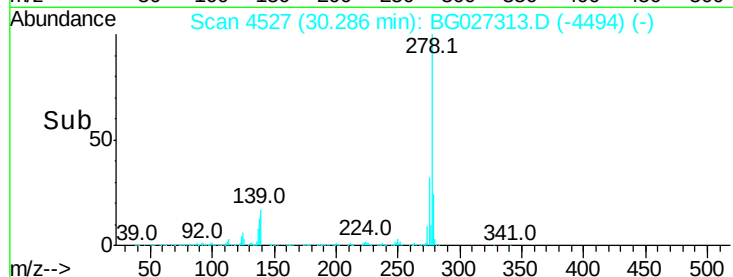
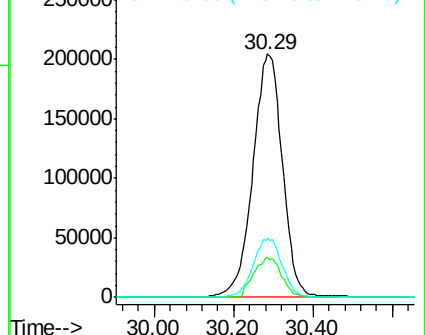


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.79 ng

RT: 31.54 min Scan# 4741

Delta R.T. -0.11 min

Lab File: BG027313.D

Acq: 8 Jun 2017 11:23

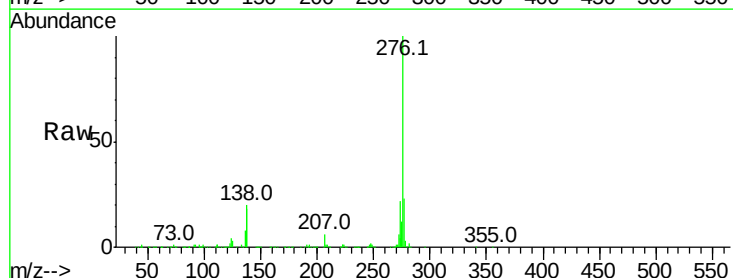
Tgt Ion:276 Resp: 1008600

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	19.9	8.1	12.1#

276 100

277 22.7 18.6 27.8

138 19.9 8.1 12.1#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

