

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027337.D
 Acq On : 9 Jun 2017 4:58
 Operator : SJ/MA
 Sample : PB99588BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:52:21 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	44496	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	210725	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	138052	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	335449	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	391874	20.00	ng	-0.04
86) Perylene-d12	25.96	264	354274	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.14	112	240401	82.44	ng	-0.01
7) Phenol-d6	7.69	99	347913	81.28	ng	-0.01
23) Nitrobenzene-d5	9.72	82	285754	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	138959	76.44	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	674072	68.31	ng	-0.03
78) Terphenyl-d14	20.47	244	1097414	71.44	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.16	88	41348	34.20	ng	# 85
3) Pyridine	4.53	79	120152	32.24	ng	# 77
4) n-Nitrosodimethylamine	4.45	42	55563	40.26	ng	# 49
6) Aniline	7.88	93	123877	22.98	ng	96
8) 2-Chlorophenol	8.12	128	126498	41.08	ng	94
9) Benzaldehyde	7.70	77	60215	20.35	ng	88
10) Phenol	7.72	94	191663	43.79	ng	77
11) bis(2-Chloroethyl)ether	7.96	93	125650	34.99	ng	88
12) 1,3-Dichlorobenzene	8.59	146	119505	34.41	ng	93
13) 1,4-Dichlorobenzene	8.59	146	119505	33.53	ng	98
14) 1,2-Dichlorobenzene	8.92	146	116122	33.40	ng	96
15) Benzyl Alcohol	8.78	79	127560	42.30	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.06	45	209448	40.76	ng	95
17) 2-Methylphenol	8.97	107	122774	39.68	ng	# 87
18) Hexachloroethane	9.65	117	43449	36.19	ng	86
19) n-Nitroso-di-n-propylamine	9.35	70	109607	36.60	ng	# 87
20) 3+4-Methylphenols	9.29	107	169194	39.48	ng	92
22) Acetophenone	9.37	105	192005	35.63	ng	# 85
24) Nitrobenzene	9.76	77	155996	40.86	ng	# 90
25) Isophorone	10.28	82	295728	37.53	ng	# 97
26) 2-Nitrophenol	10.47	139	62813	41.12	ng	# 85
27) 2,4-Dimethylphenol	10.51	122	141319	41.72	ng	93
28) bis(2-Chloroethoxy)methane	10.75	93	184908	36.24	ng	97
29) 2,4-Dichlorophenol	11.01	162	125010	40.42	ng	98
30) 1,2,4-Trichlorobenzene	11.23	180	114299	33.38	ng	94
31) Naphthalene	11.43	128	385802	33.50	ng	99
32) Benzoic acid	10.61	122	96025	42.15	ng	87
33) 4-Chloroaniline	11.52	127	58990	12.29	ng	# 91
34) Hexachlorobutadiene	11.70	225	68362	32.48	ng	98
35) Caprolactam	12.29	113	35573	33.54	ng	91
36) 4-Chloro-3-methylphenol	12.59	107	165310	42.65	ng	95
37) 2-Methylnaphthalene	12.99	142	287516	34.22	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	136769	31.80	ng	98
40) Hexachlorocyclopentadiene	13.32	237	187769	82.03	ng	95

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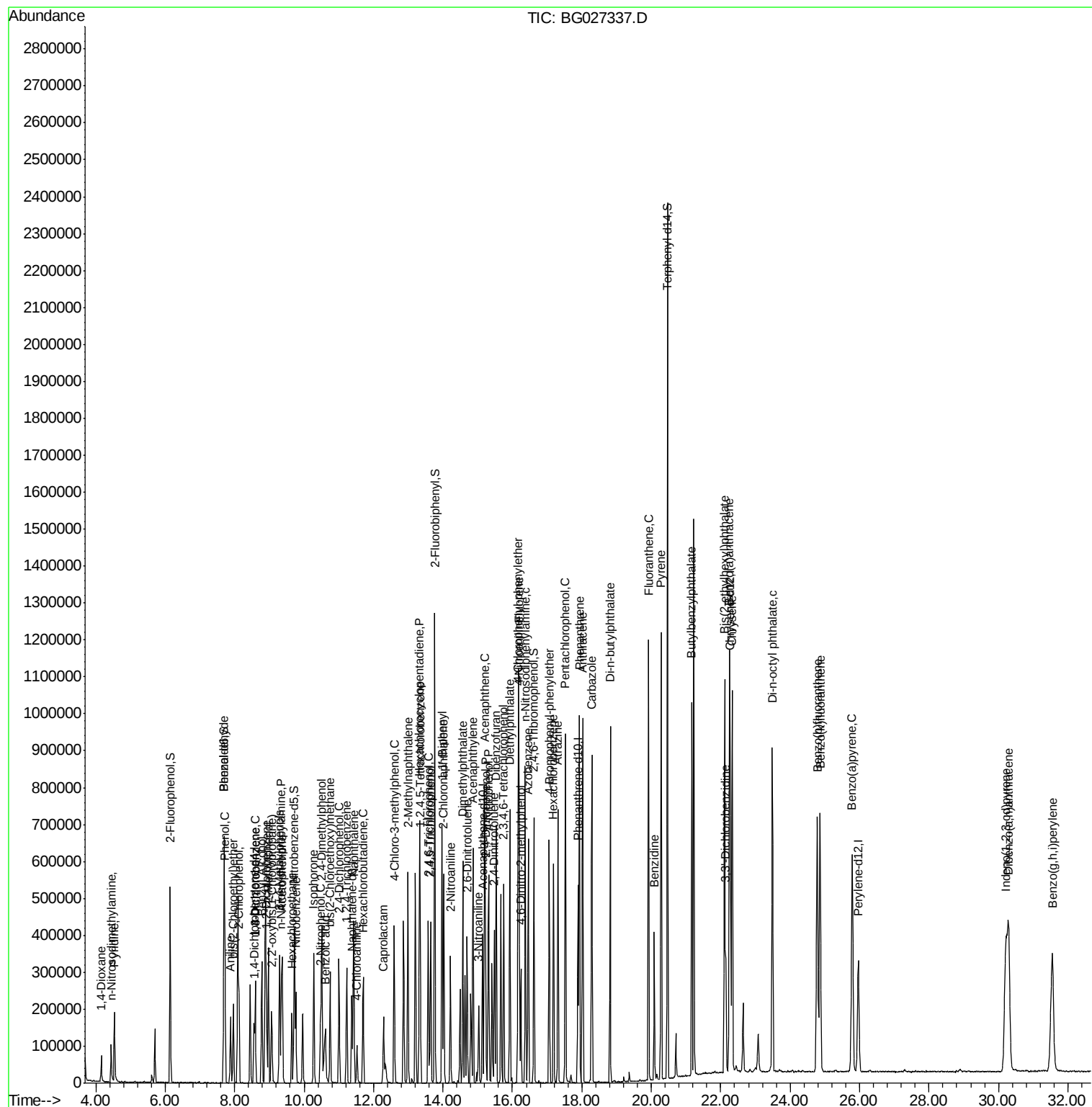
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	101974	39.09	nq	95
43) 2,4,5-Trichlorophenol	13.65	196	115204	39.47	nq	96
45) 1,1'-Biphenyl	13.98	154	380634	33.78	nq	97
46) 2-Chloronaphthalene	14.02	162	293223	34.71	nq	96
47) 2-Nitroaniline	14.22	65	115395	48.03	nq	90
48) Acenaphthylene	14.86	152	478866	33.49	nq	96
49) Dimethylphthalate	14.57	163	401374	36.65	nq	96
50) 2,6-Dinitrotoluene	14.70	165	86150	39.81	nq	84
51) Acenaphthene	15.20	154	357625	38.45	nq	98
52) 3-Nitroaniline	15.03	138	50538	24.79	nq	99
53) 2,4-Dinitrophenol	15.23	184	98117	87.69	nq	95
54) Dibenzofuran	15.53	168	480976	37.01	nq	93
55) 4-Nitrophenol	15.31	139	164832	79.71	nq	# 58
56) 2,4-Dinitrotoluene	15.48	165	123338	44.01	nq	# 92
57) Fluorene	16.18	166	395729	34.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	109246	41.93	nq	96
59) Diethylphthalate	15.93	149	421363	38.57	nq	98
60) 4-Chlorophenyl-phenylether	16.16	204	200141	34.42	nq	97
61) 4-Nitroaniline	16.20	138	100103	43.08	nq	# 67
62) Azobenzene	16.45	77	450988	44.55	nq	89
64) 4,6-Dinitro-2-methylphenol	16.24	198	68363	46.46	nq	86
65) n-Nitrosodiphenylamine	16.37	169	360327	34.26	nq	94
66) 4-Bromophenyl-phenylether	17.06	248	134312	33.83	nq	96
67) Hexachlorobenzene	17.19	284	142065	33.27	nq	92
68) Atrazine	17.31	200	132345	37.63	nq	97
69) Pentachlorophenol	17.52	266	180619	72.16	nq	96
70) Phenanthrene	17.94	178	653263	34.61	nq	95
71) Anthracene	18.02	178	660948	34.96	nq	98
72) Carbazole	18.29	167	590855	33.13	nq	95
73) Di-n-butylphthalate	18.82	149	717303	41.48	nq	# 94
74) Fluoranthene	19.92	202	744175	36.91	nq	93
76) Benzidine	20.09	184	238944	20.24	nq	98
77) Pyrene	20.29	202	772804	32.64	nq	95
79) Butylbenzylphthalate	21.17	149	318771	38.10	nq	96
80) Benzo(a)anthracene	22.25	228	769728	34.44	nq	94
81) 3,3'-Dichlorobenzidine	22.15	252	156081	17.95	nq	# 99
82) Chrysene	22.33	228	713615	33.26	nq	95
83) Bis(2-ethylhexyl)phthalate	22.11	149	456968	36.14	nq	98
84) Di-n-octyl phthalate	23.49	149	789808	37.72	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.22	276	878845	33.82	nq	# 89
87) Benzo(b)fluoranthene	24.78	252	776079	35.32	nq	# 95
88) Benzo(k)fluoranthene	24.86	252	744332	34.53	nq	# 93
89) Benzo(a)pyrene	25.79	252	731064	35.35	nq	# 95
90) Dibenzo(a,h)anthracene	30.29	278	759439	35.07	nq	# 96
91) Benzo(g,h,i)perylene	31.55	276	718074	34.24	nq	# 89

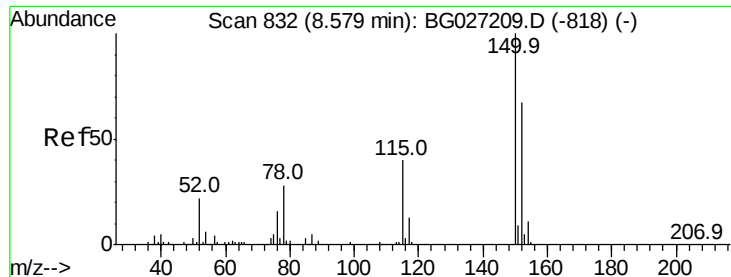
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

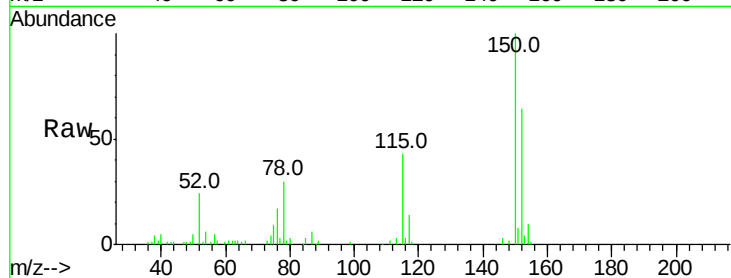
Tot Ion:152 Resp: 44496

Ion Ratio Lower Upper

152 100

150 156.9 114.0 171.0

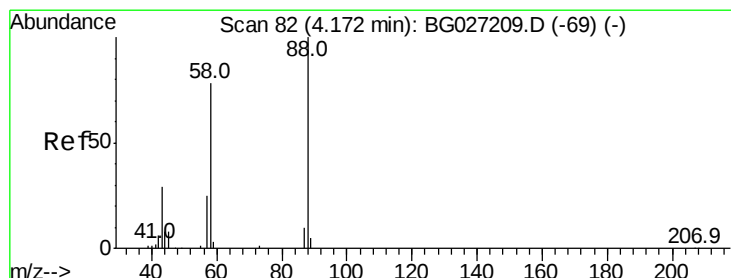
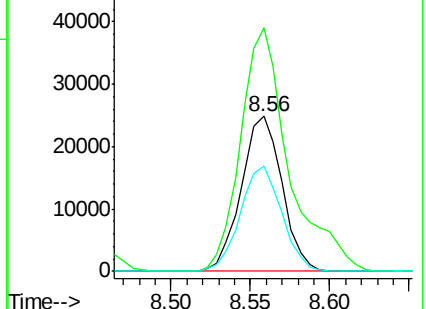
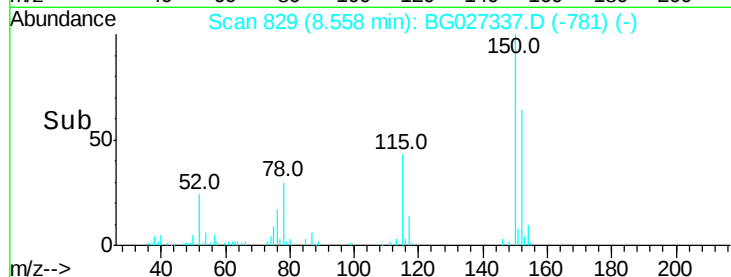
115 67.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.20 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

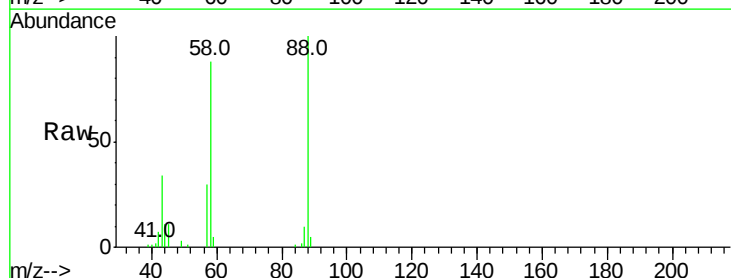
Tgt Ion: 88 Resp: 41348

Ion Ratio Lower Upper

88 100

58 86.0 79.4 119.2

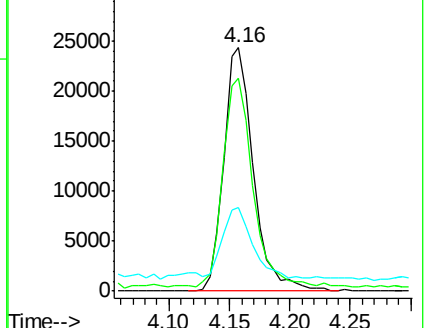
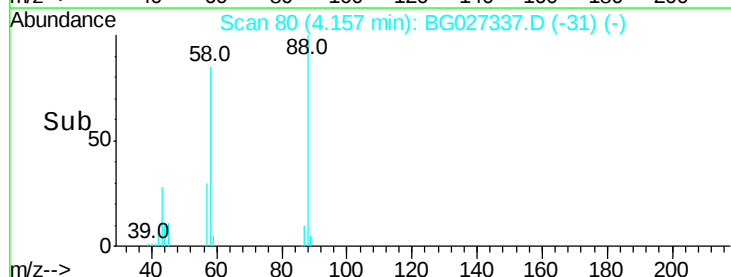
43 29.3 33.8 50.6#

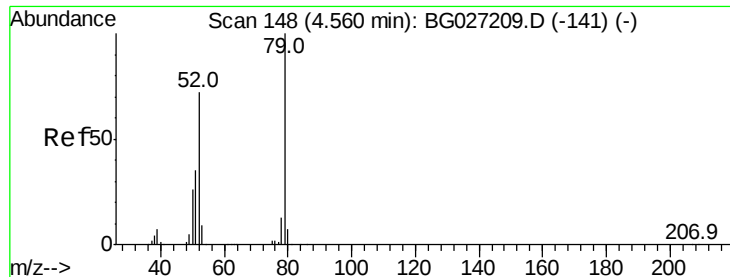


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.24 ng

RT: 4.53 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

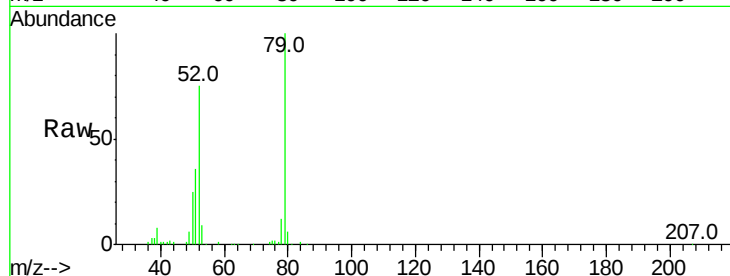
Tot Ion: 79 Resp: 120152

Ion Ratio Lower Upper

79 100

52 75.3 77.8 116.6#

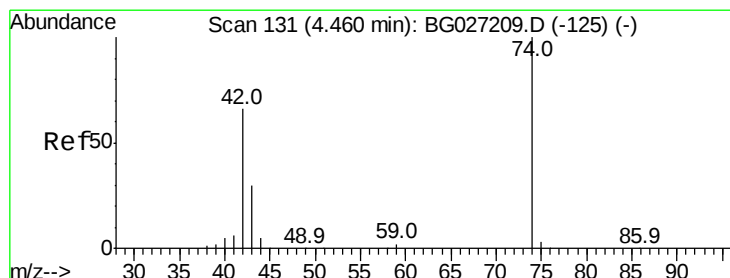
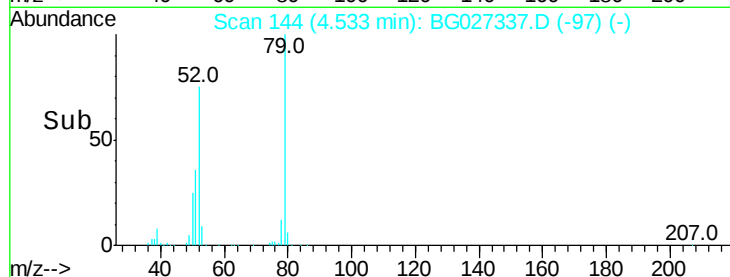
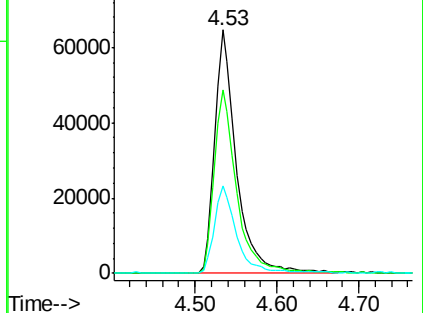
51 35.7 43.2 64.8#



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: 40.26 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

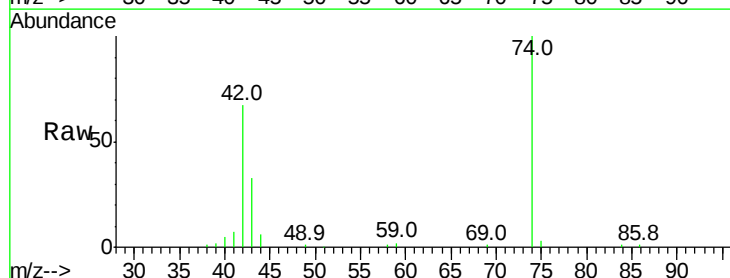
Tgt Ion: 42 Resp: 55563

Ion Ratio Lower Upper

42 100

74 149.5 76.7 115.1#

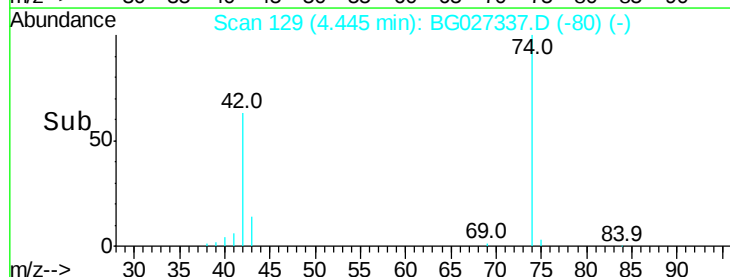
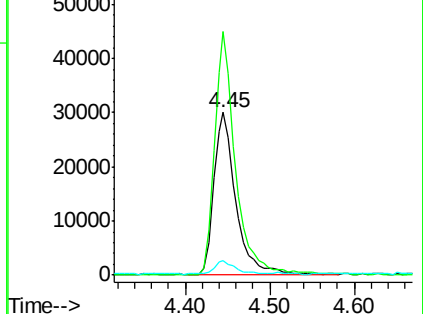
44 9.0 6.1 9.1

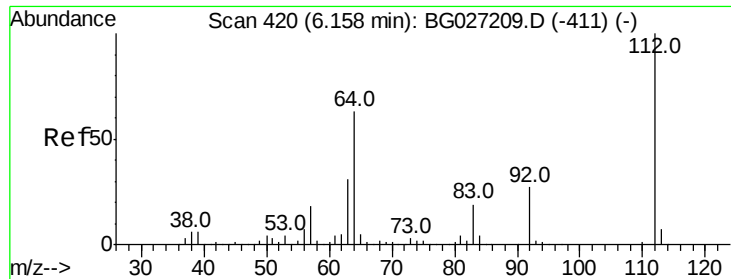


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.44 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027337.D

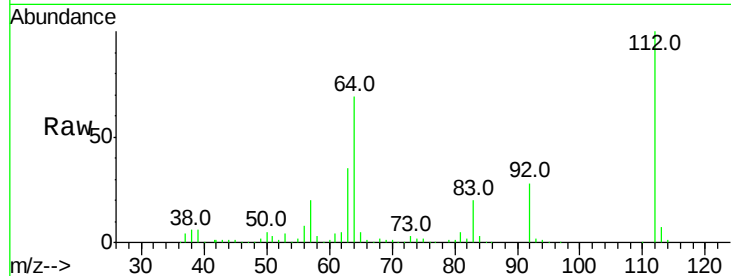
Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

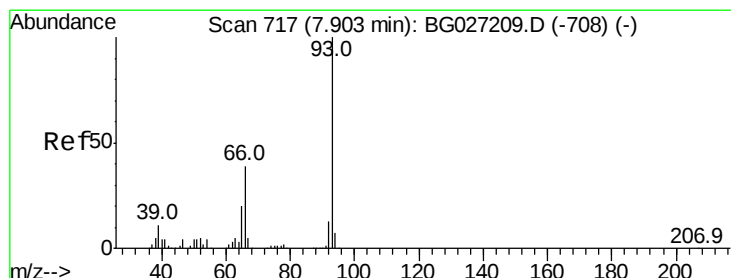
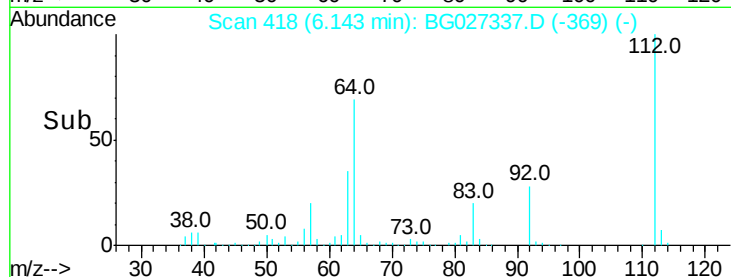
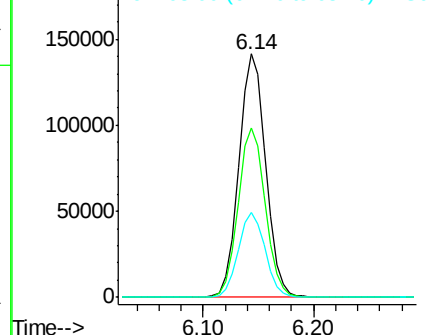
Tot Ion:	112	Resp:	240401
Ion Ratio	Lower	Upper	
112	100		
64	69.5	61.8	92.6
63	35.0	37.2	55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.98 ng

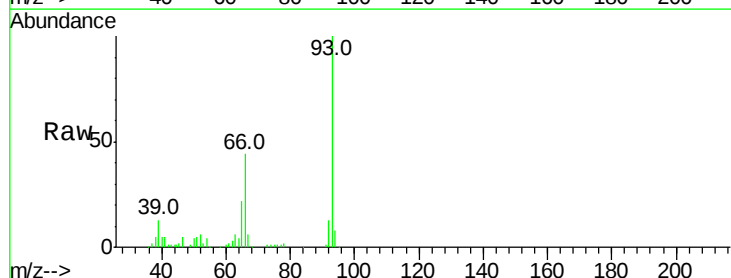
RT: 7.88 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

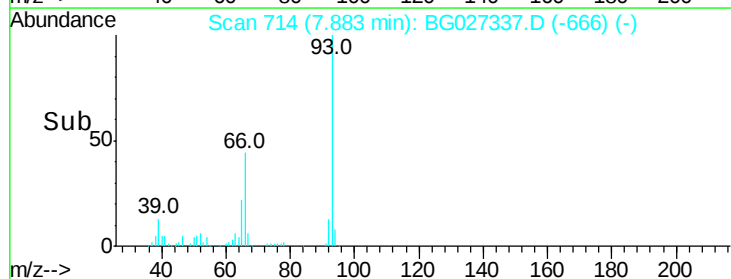
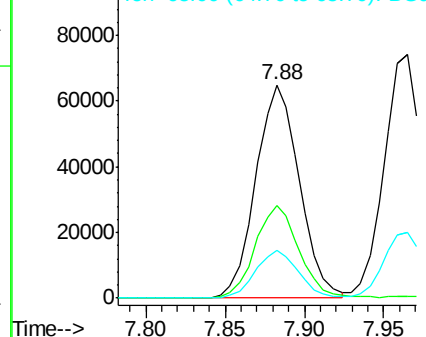
Tgt Ion:	93	Resp:	123877
Ion Ratio	Lower	Upper	
93	100		
66	43.7	35.4	53.2
65	22.4	21.2	31.8

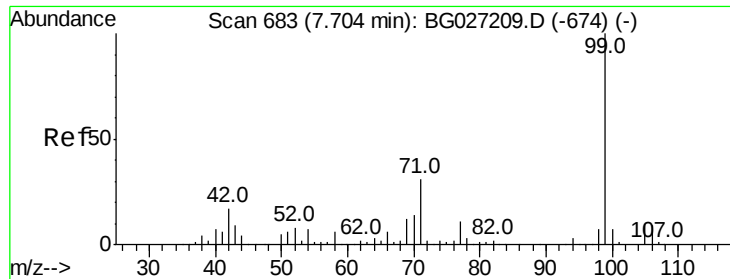


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.28 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampled :

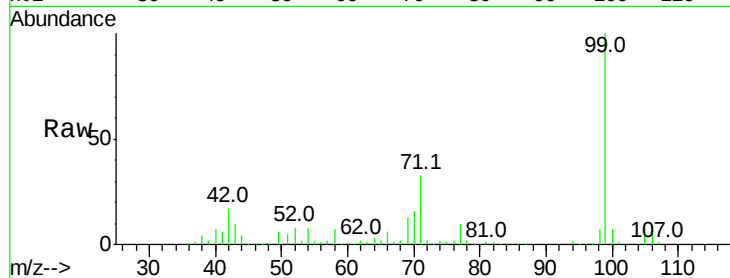
Tot Ion: 99 Resp: 347913

Ion Ratio Lower Upper

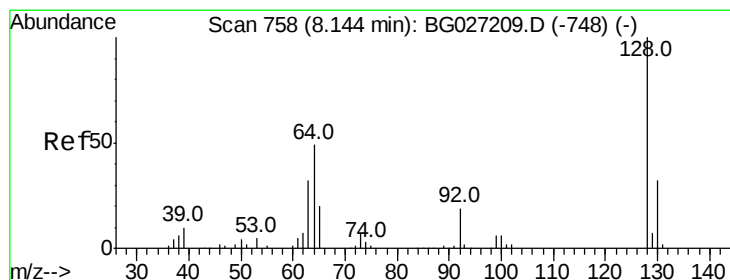
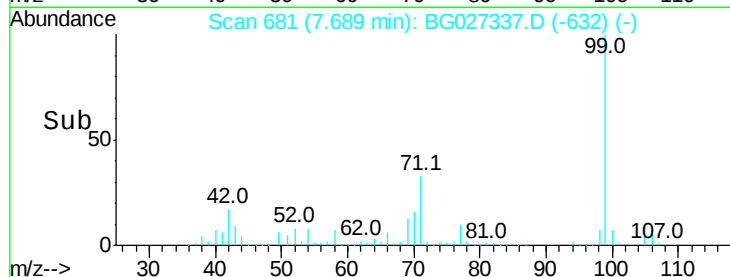
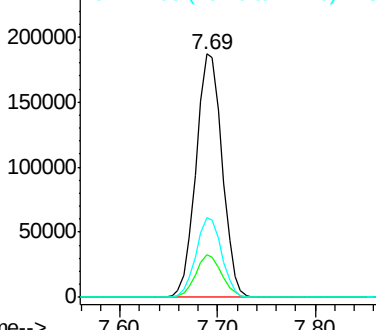
99 100

42 17.4 20.5 30.7#

71 32.9 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 41.08 ng

RT: 8.12 min Scan# 755

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

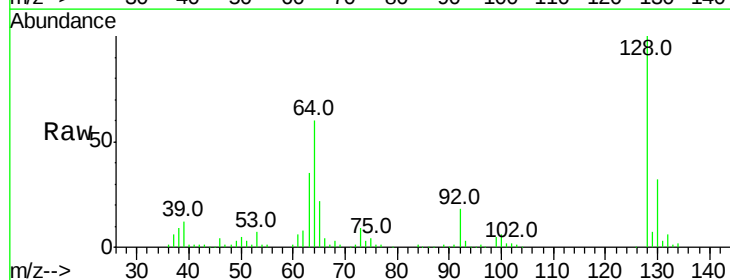
Tgt Ion: 128 Resp: 126498

Ion Ratio Lower Upper

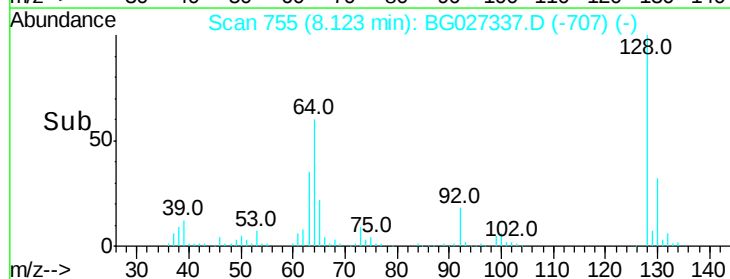
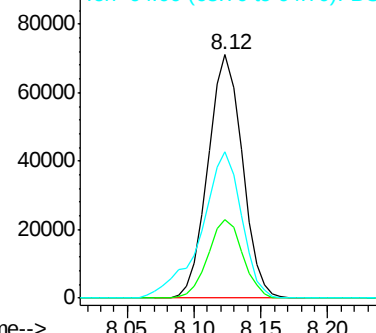
128 100

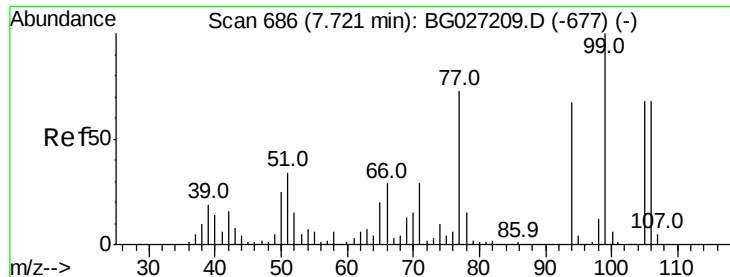
130 32.1 11.4 51.4

64 60.1 46.6 86.6



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





#9

Benzaldehyde

Concen: 20.35 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampled :

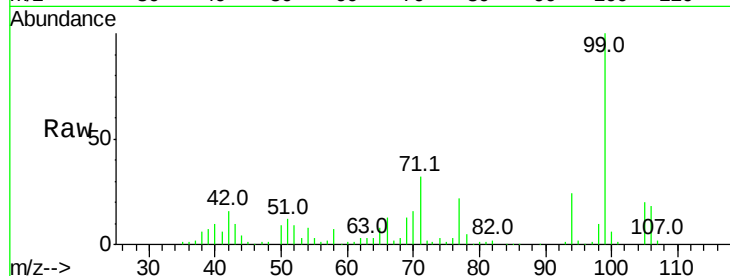
Tot Ion: 77 Resp: 60215

Ion Ratio Lower Upper

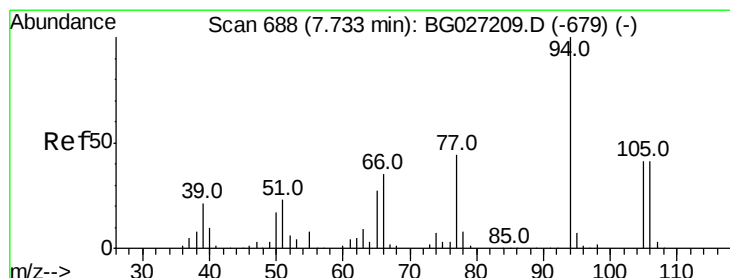
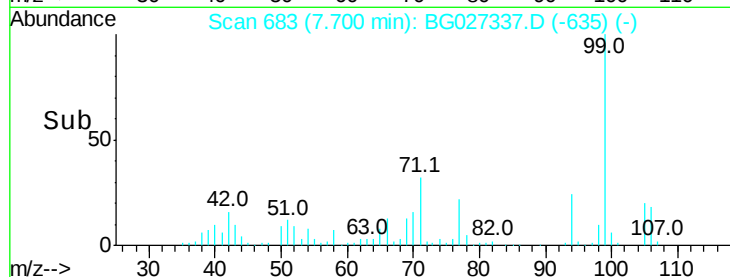
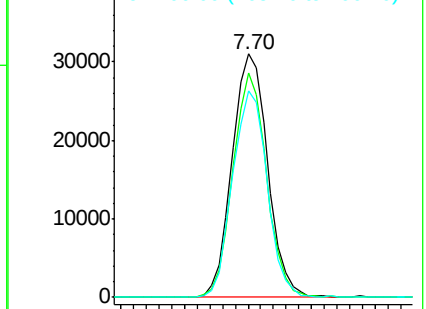
77 100

105 92.0 60.9 100.9

106 84.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.79 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

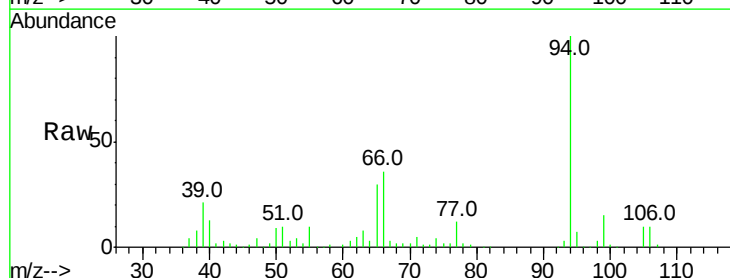
Tgt Ion: 94 Resp: 191663

Ion Ratio Lower Upper

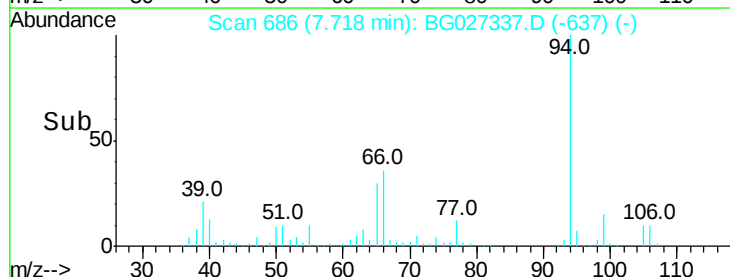
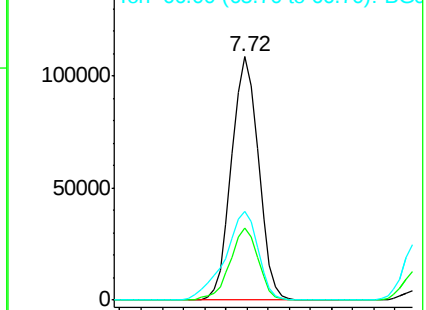
94 100

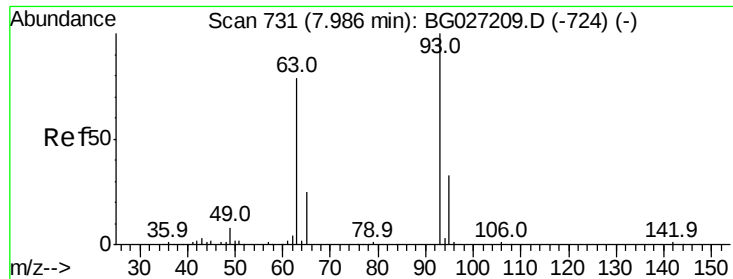
65 29.6 20.6 60.6

66 36.2 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

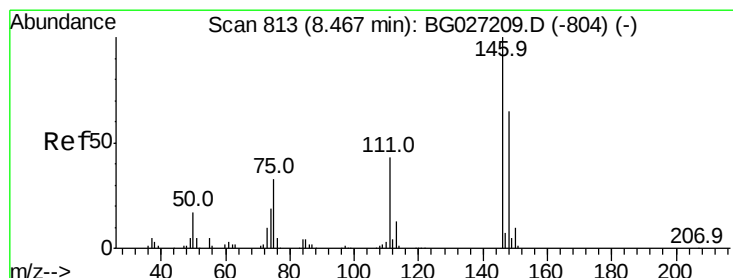
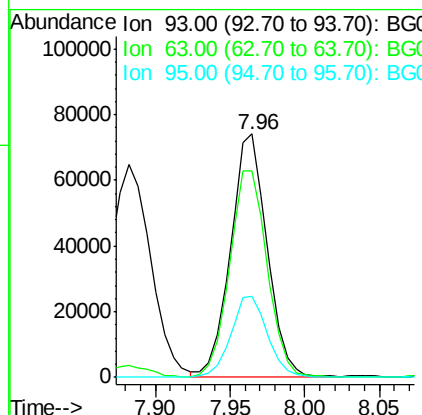
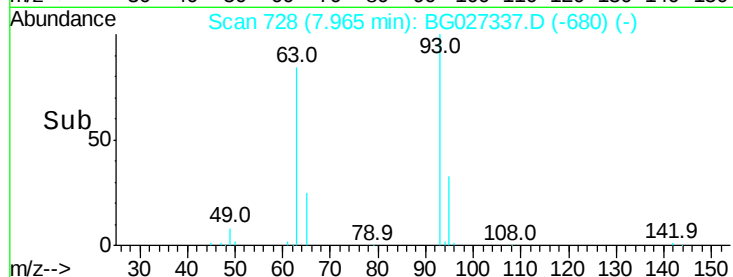
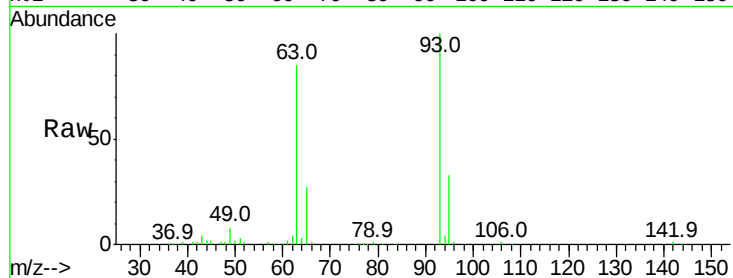




#11
bis(2-Chloroethyl)ether
Concen: 34.99 ng
RT: 7.96 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

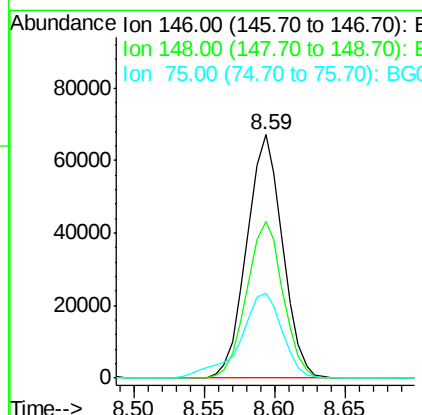
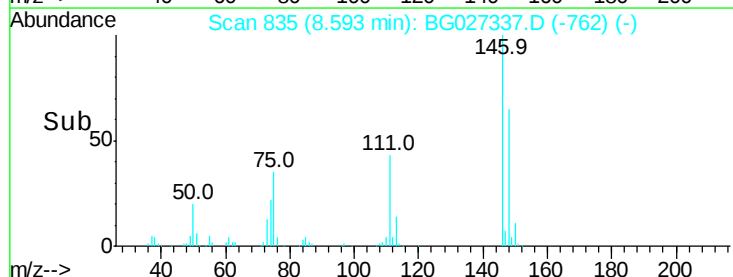
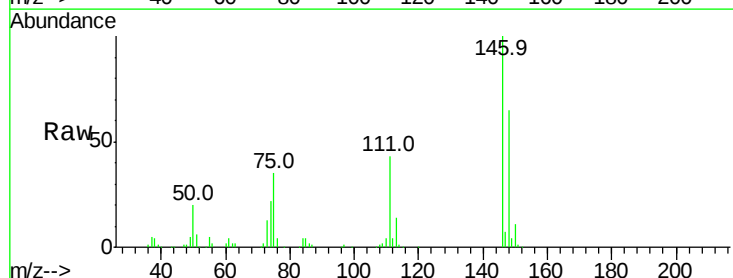
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 125650
Ion Ratio Lower Upper
93 100
63 84.9 78.5 118.5
95 33.3 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 34.41 ng
RT: 8.59 min Scan# 835
Delta R.T. 0.13 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:146 Resp: 119505
Ion Ratio Lower Upper
146 100
148 64.5 49.2 73.8
75 34.7 33.4 50.2

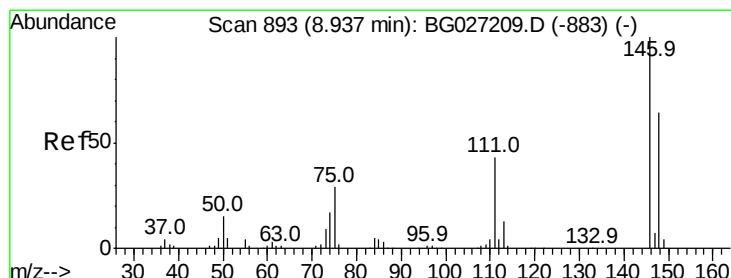
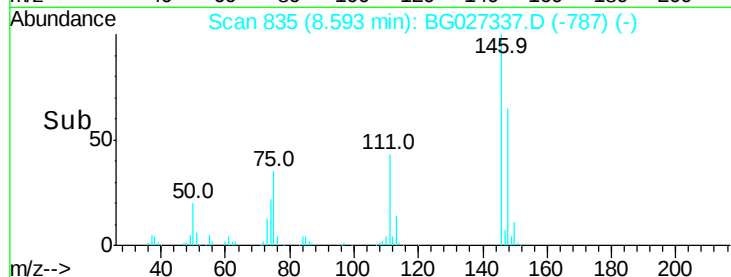
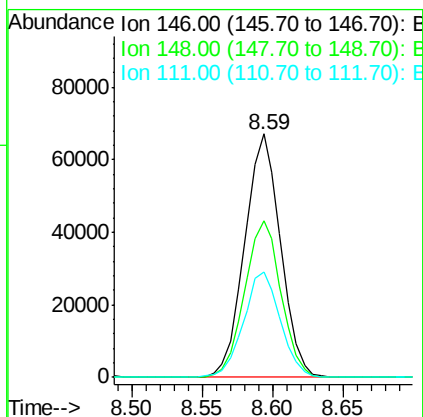
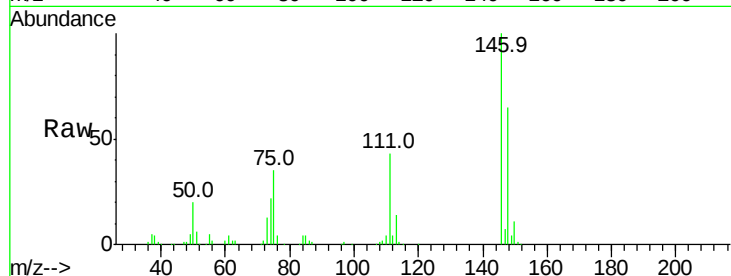




#13
 1,4-Dichlorobenzene
 Concen: 33.53 ng
 RT: 8.59 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

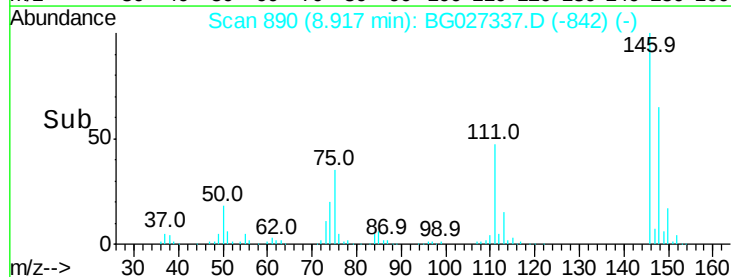
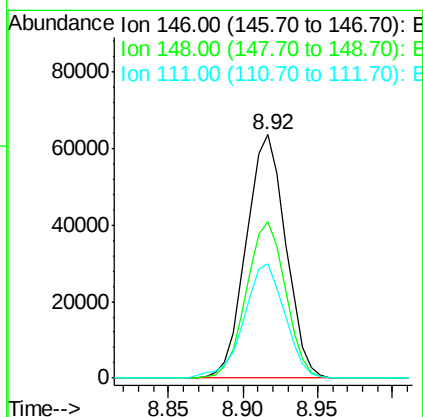
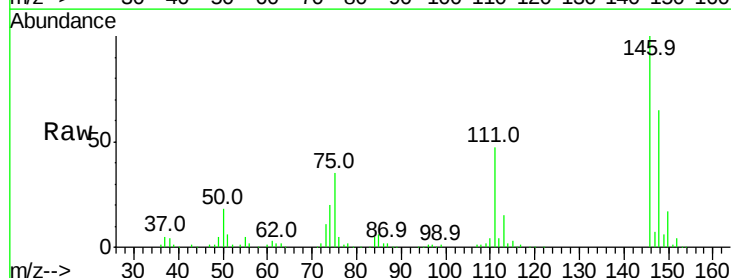
Instrument :
 BNA_G
 ClientSampleId :

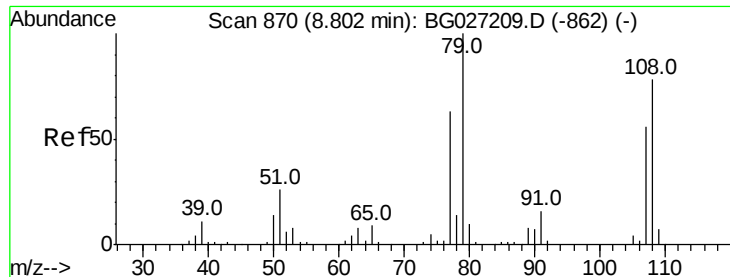
Tot Ion:146 Resp: 119505
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 43.4 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 33.40 ng
 RT: 8.92 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion:146 Resp: 116122
 Ion Ratio Lower Upper
 146 100
 148 64.6 54.6 81.8
 111 47.1 39.7 59.5





#15

Benzyl Alcohol

Concen: 42.30 ng

RT: 8.78 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampled :

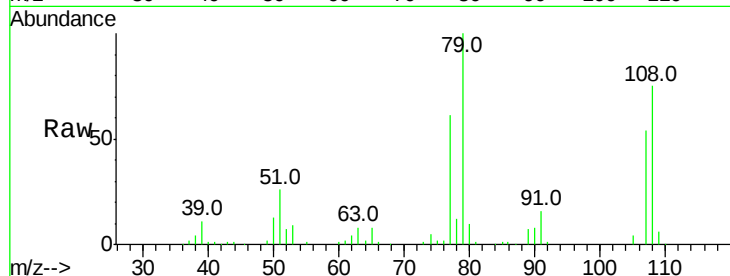
Tot Ion: 79 Resp: 127560

Ion Ratio Lower Upper

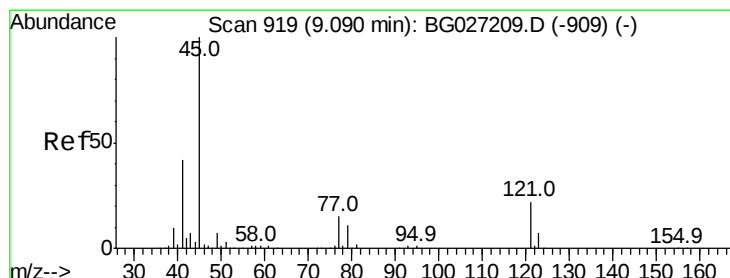
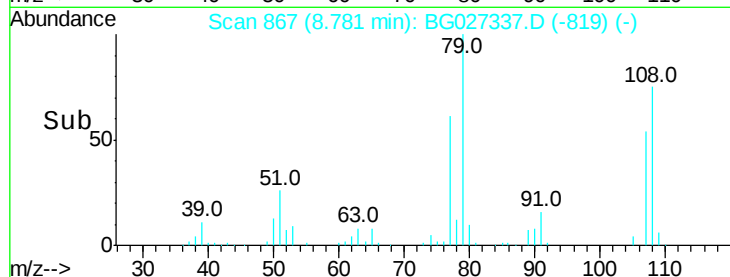
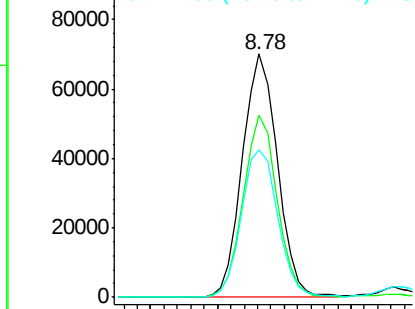
79 100

108 74.9 45.5 68.3#

77 60.8 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.76 ng

RT: 9.06 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

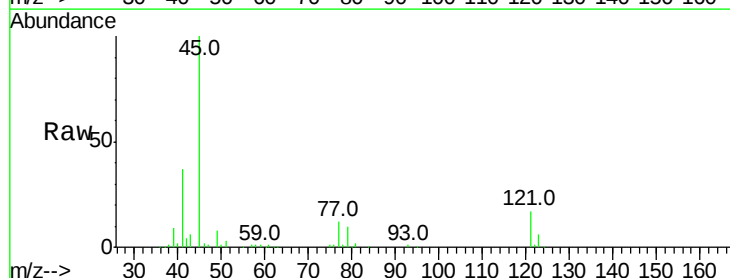
Tgt Ion: 45 Resp: 209448

Ion Ratio Lower Upper

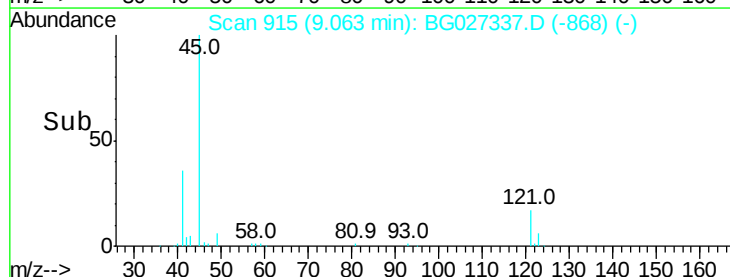
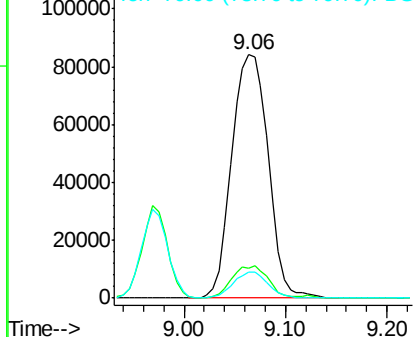
45 100

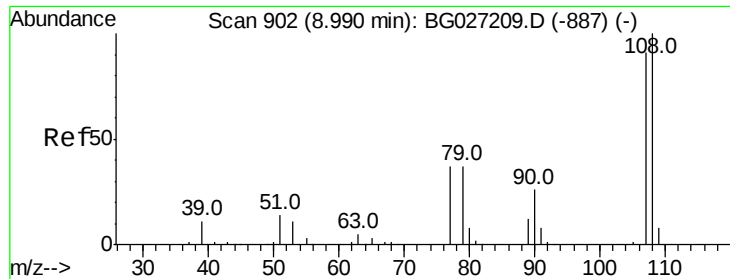
77 12.3 0.0 30.6

79 10.5 0.0 28.5



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

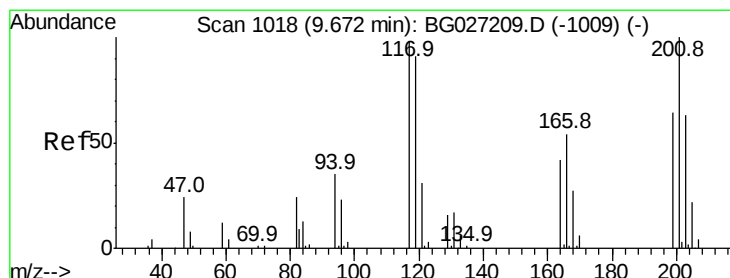
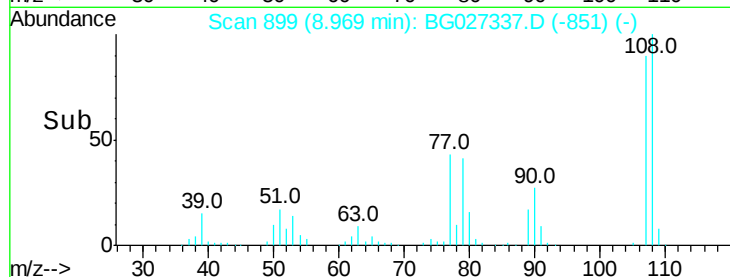
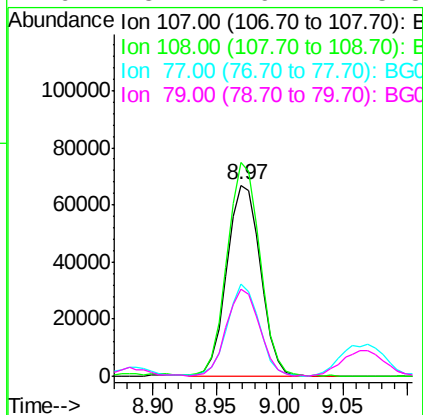
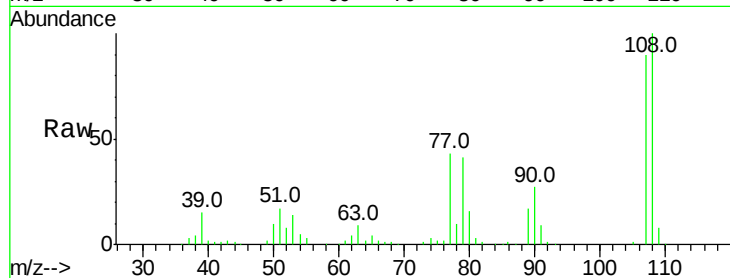




#17
2-Methylphenol
Concen: 39.68 ng
RT: 8.97 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

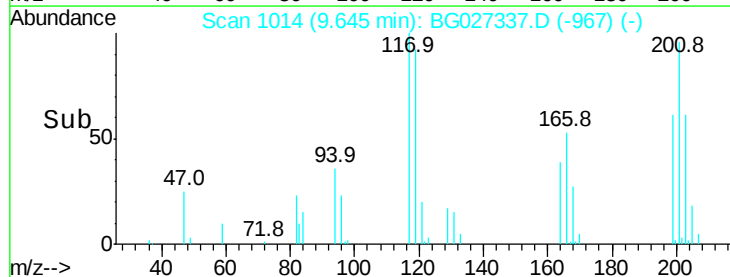
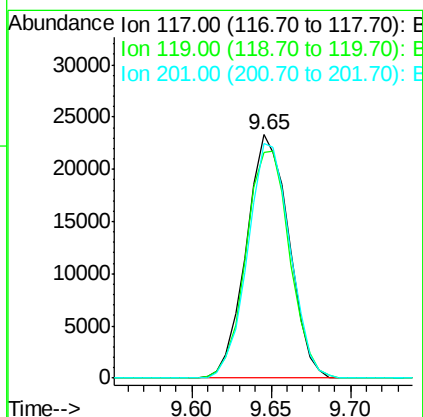
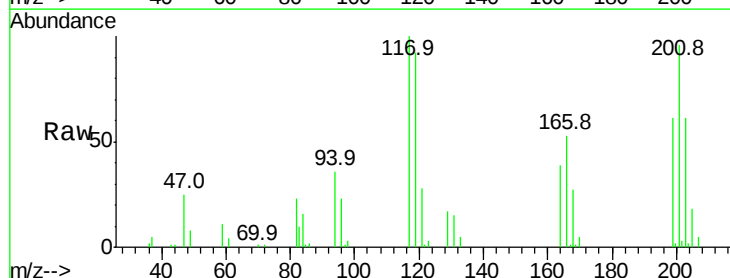
Instrument :
BNA_G
ClientSampled :

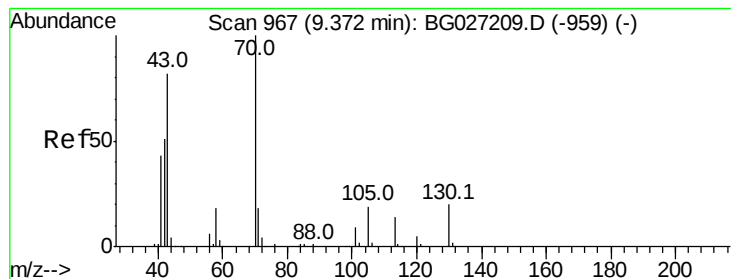
Tot Ion:107 Resp: 122774
Ion Ratio Lower Upper
107 100
108 111.7 85.6 128.4
77 48.0 51.4 77.2#
79 45.7 49.2 73.8#



#18
Hexachloroethane
Concen: 36.19 ng
RT: 9.65 min Scan# 1014
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:117 Resp: 43449
Ion Ratio Lower Upper
117 100
119 92.5 69.8 104.6
201 96.3 95.4 143.0





#19

n-Nitroso-di-n-propylamine

Concen: 36.60 ng

RT: 9.35 min Scan# 963

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 109607

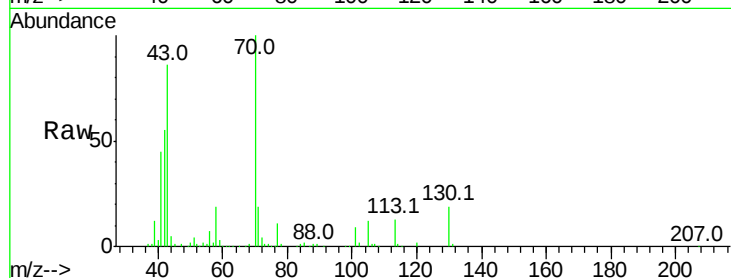
Ion Ratio Lower Upper

70 100

42 55.5 56.1 84.1#

101 9.1 7.5 11.3

130 19.2 14.6 21.8

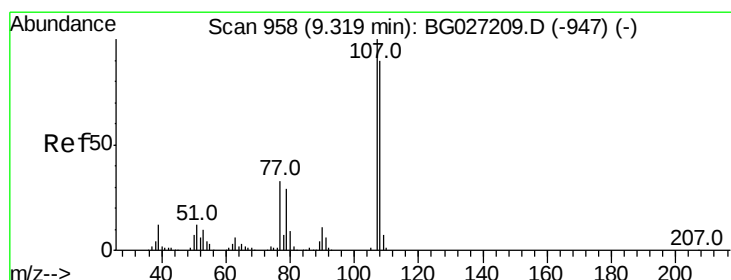
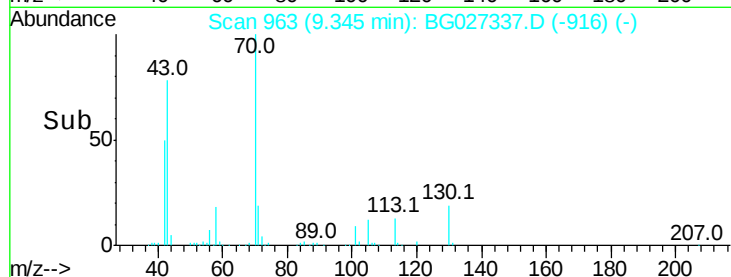
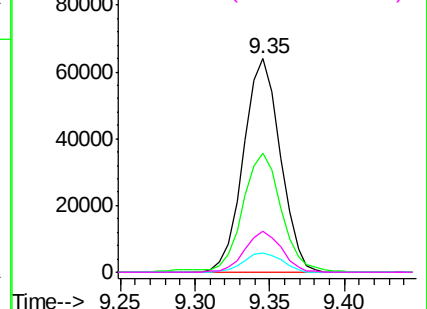


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.48 ng

RT: 9.29 min Scan# 954

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:107 Resp: 169194

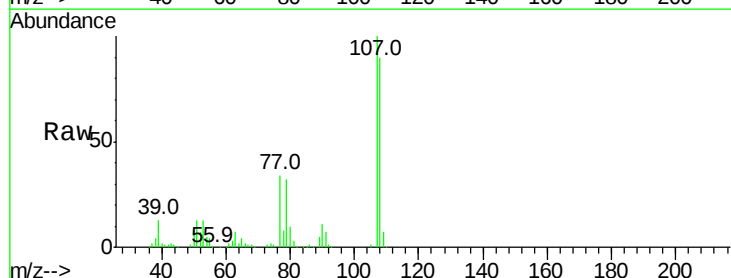
Ion Ratio Lower Upper

107 100

108 90.0 70.8 110.8

77 33.9 25.8 65.8

79 31.7 20.1 60.1

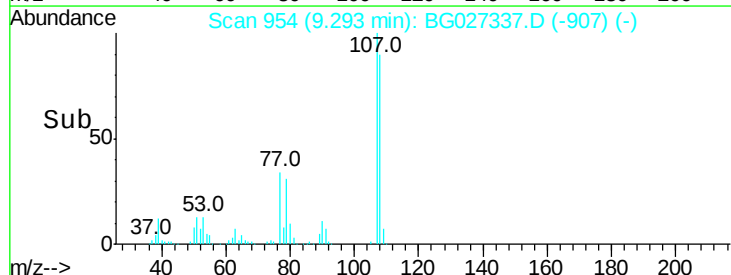
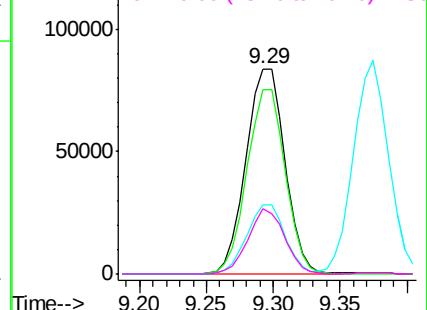


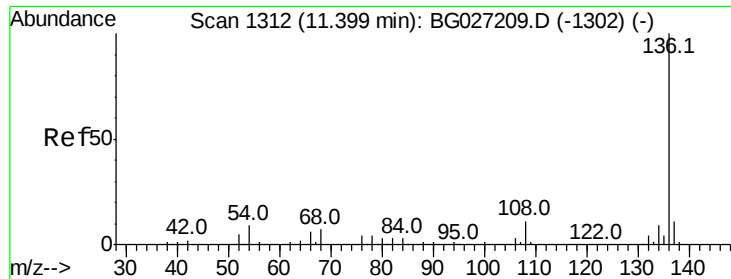
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

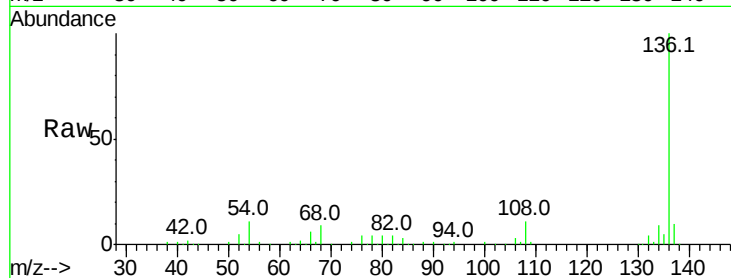




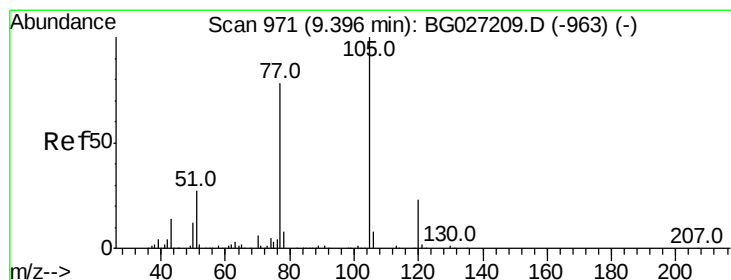
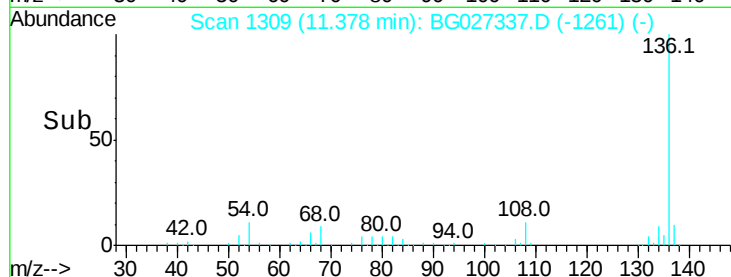
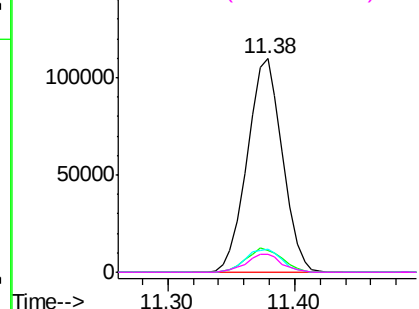
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	210725
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.7	9.3	13.9
68	8.6	5.1	7.7#

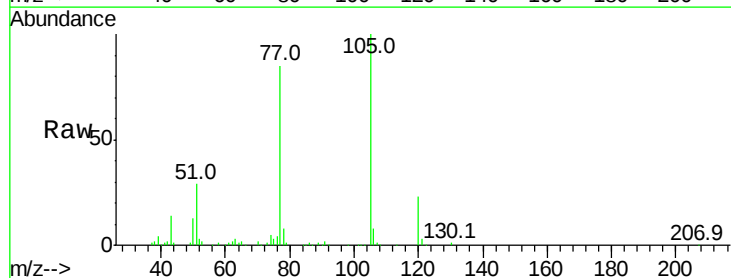


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

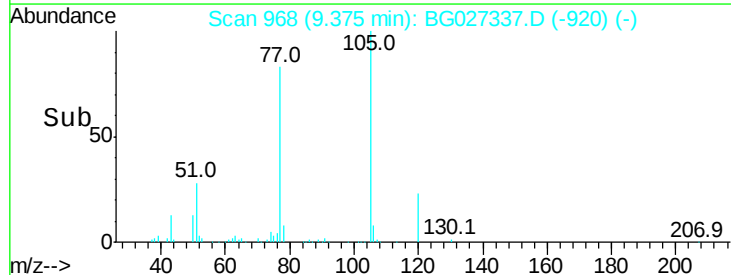
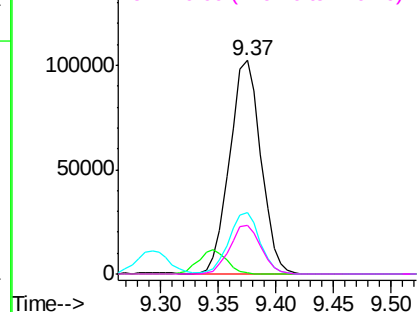


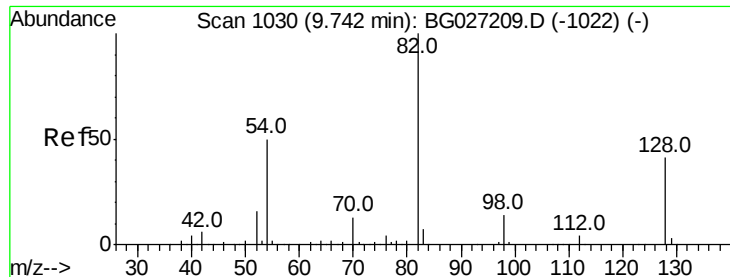
#22
Acetophenone
Concen: 35.63 ng
RT: 9.37 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:	105	Resp:	192005
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.9	1.3#
51	28.6	34.0	51.0#
120	22.9	17.3	25.9



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

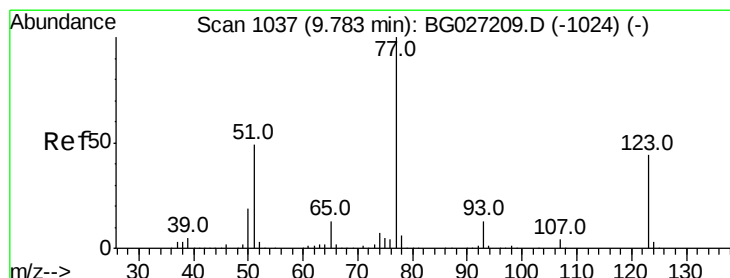
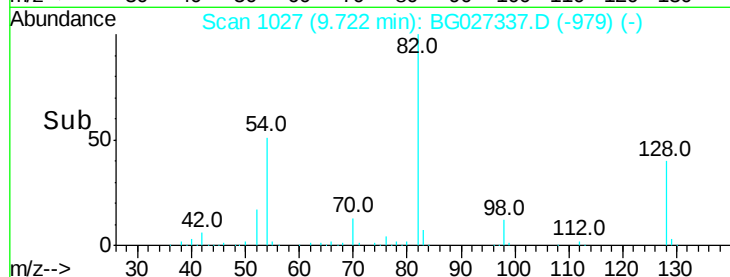
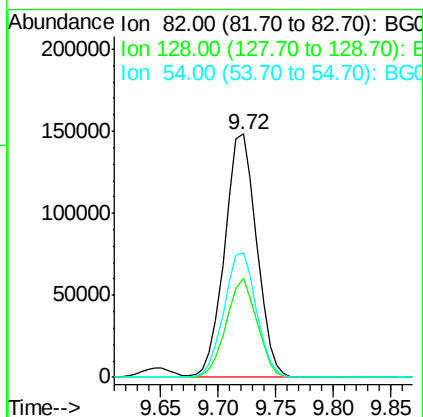
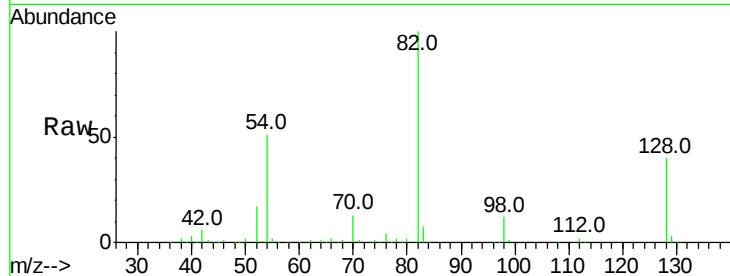




#23
Nitrobenzene-d5
Concen: 85.28 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

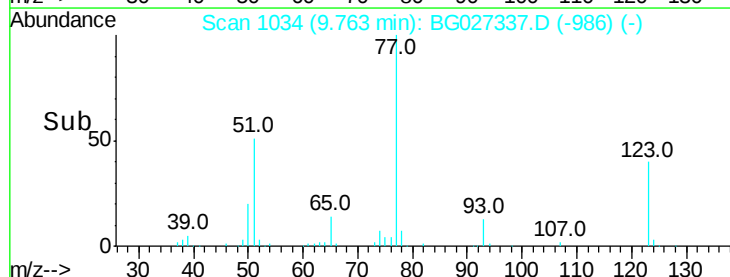
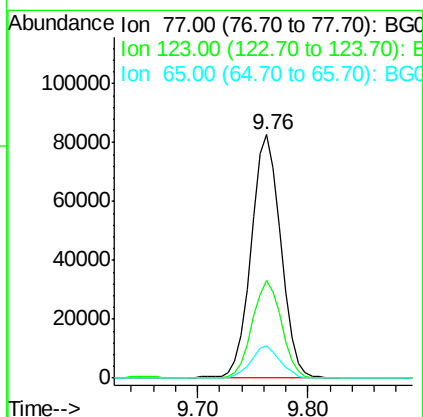
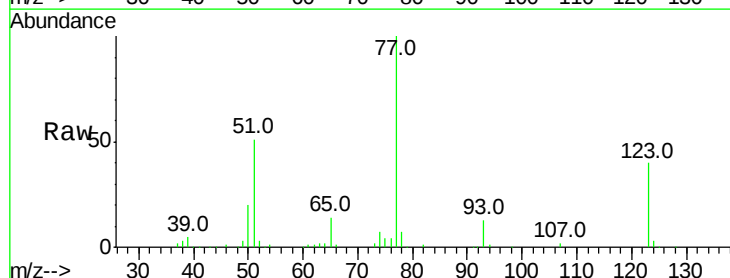
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	26.4	39.6#
54	51.2	49.4	74.2



#24
Nitrobenzene
Concen: 40.86 ng
RT: 9.76 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	26.1	39.1#
65	13.6	12.4	18.6





#25

Isophorone

Concen: 37.53 ng

RT: 10.28 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

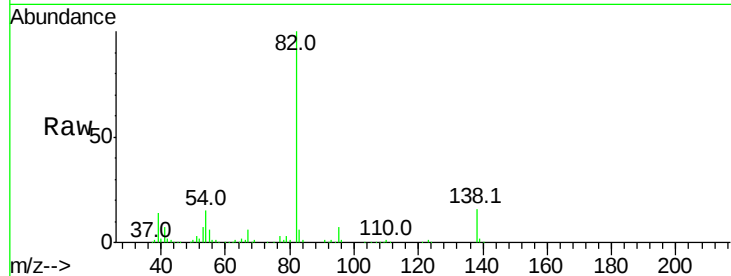
Tot Ion: 82 Resp: 295728

Ion Ratio Lower Upper

82 100

95 6.7 7.5 11.3#

138 15.8 12.3 18.5



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

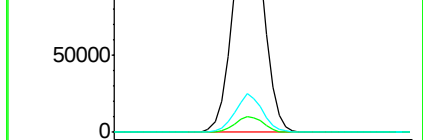
10.28

150000

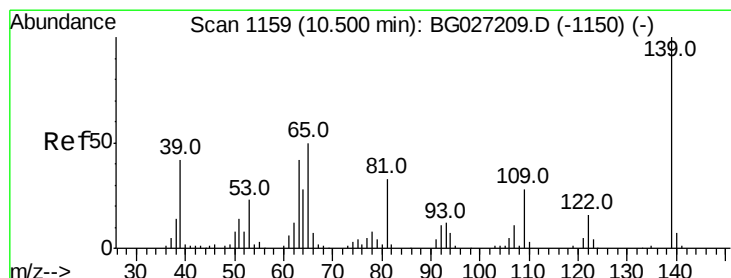
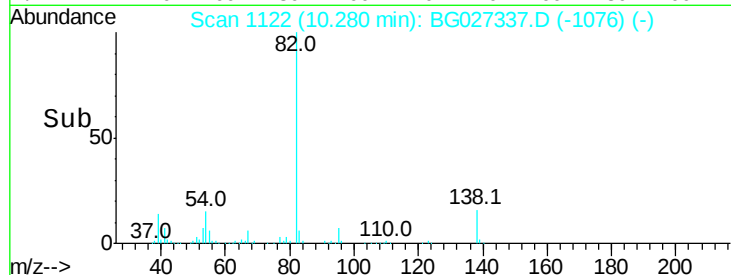
100000

50000

0



Time--> 10.20 10.30 10.40



#26

2-Nitrophenol

Concen: 41.12 ng

RT: 10.47 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

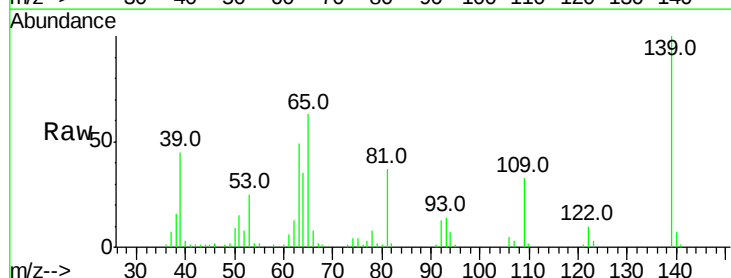
Tgt Ion: 139 Resp: 62813

Ion Ratio Lower Upper

139 100

109 32.6 38.6 58.0#

65 62.9 57.1 85.7



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

10.47

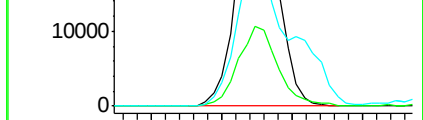
40000

30000

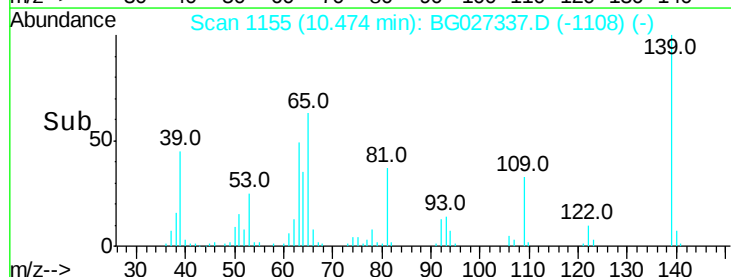
20000

10000

0



Time--> 10.40 10.45 10.50 10.55

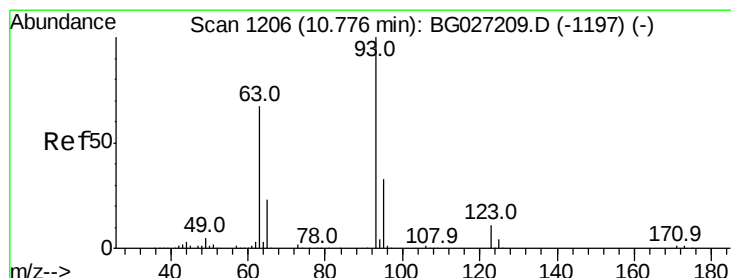
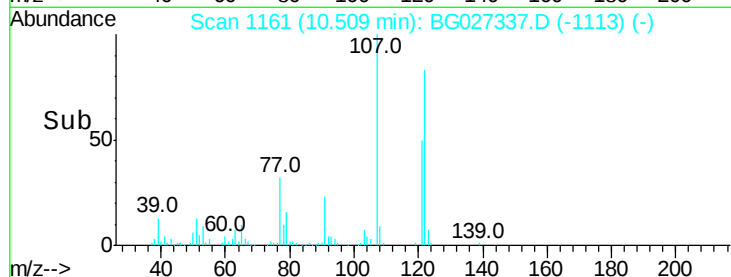
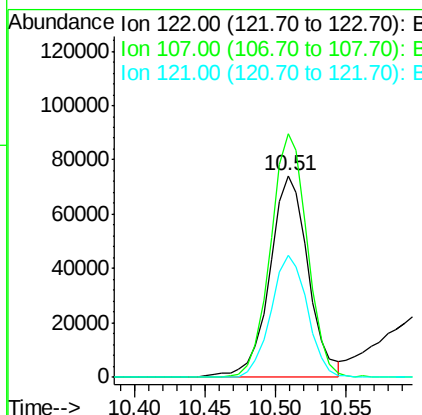
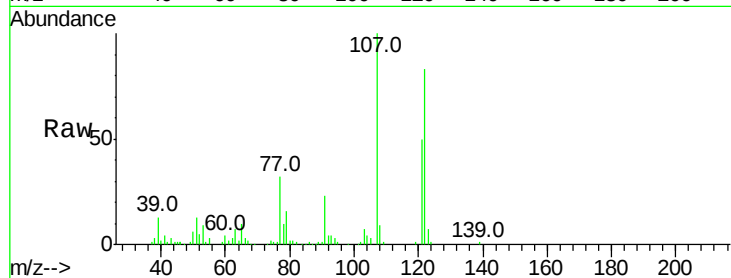




#27
2,4-Dimethylphenol
Concen: 41.72 ng
RT: 10.51 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

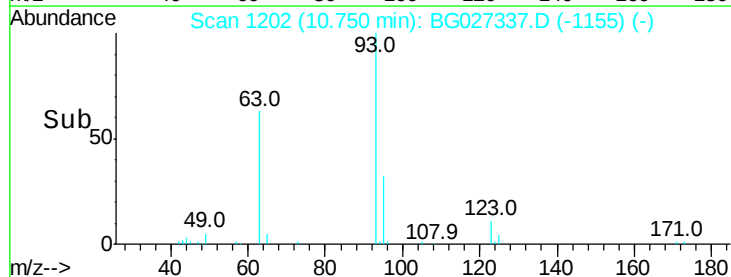
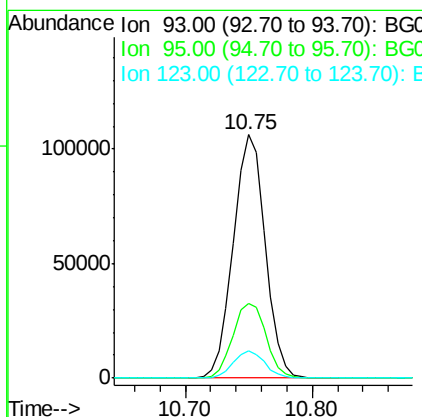
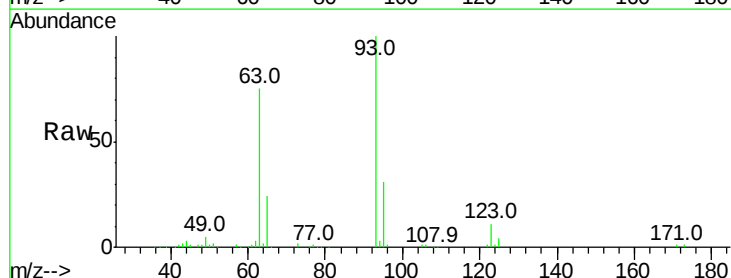
Instrument :
BNA_G
ClientSampleId :

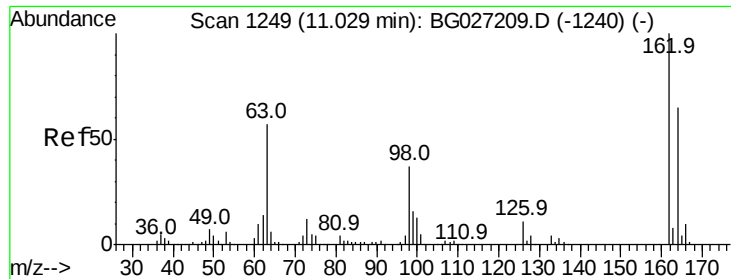
Tot Ion:122 Resp: 141319
Ion Ratio Lower Upper
122 100
107 120.7 104.2 156.4
121 60.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 36.24 ng
RT: 10.75 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion: 93 Resp: 184908
Ion Ratio Lower Upper
93 100
95 30.6 25.7 38.5
123 11.2 8.3 12.5

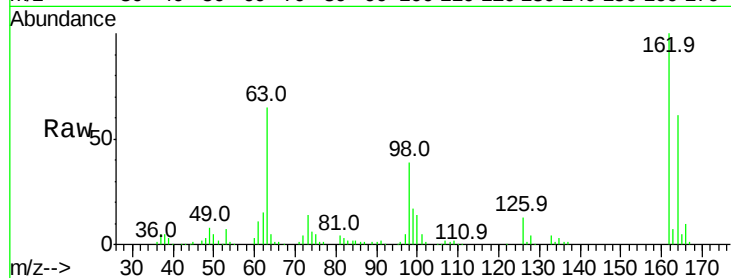




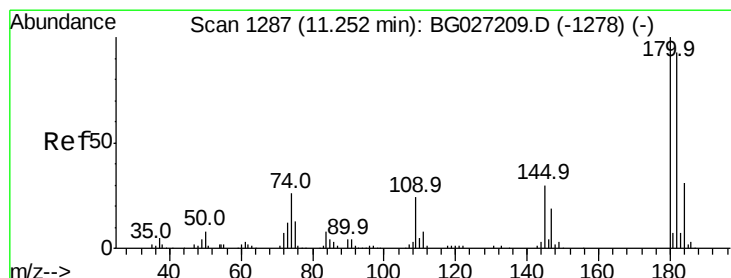
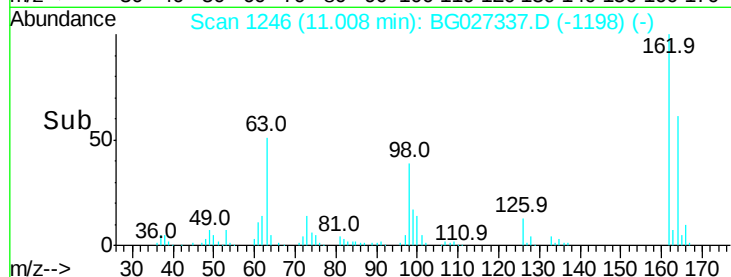
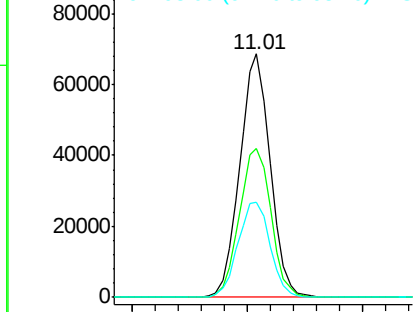
#29
 2,4-Dichlorophenol
 Concen: 40.42 ng
 RT: 11.01 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	42.4	82.4
98	39.1	20.3	60.3

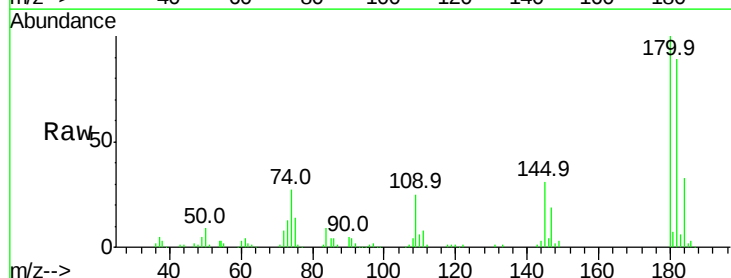


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

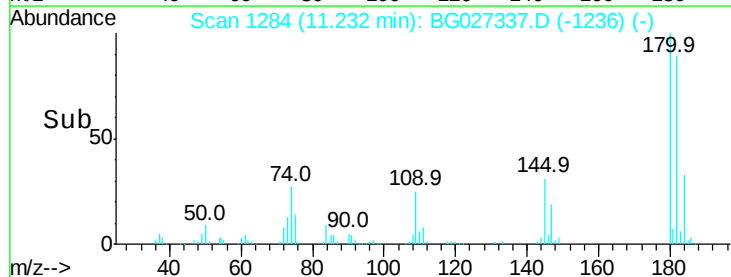
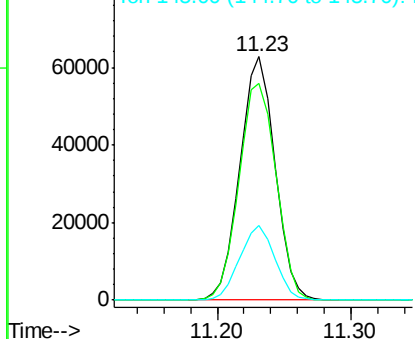


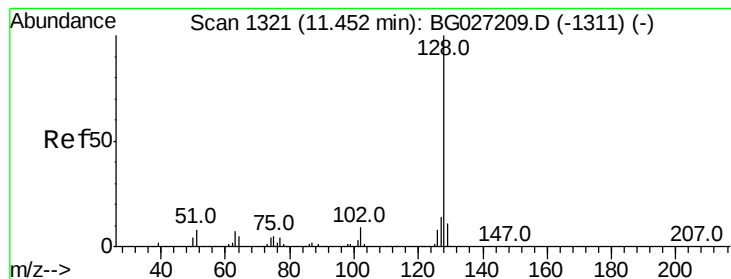
#30
 1,2,4-Trichlorobenzene
 Concen: 33.38 ng
 RT: 11.23 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	77.0	115.4
145	30.8	23.4	35.0



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

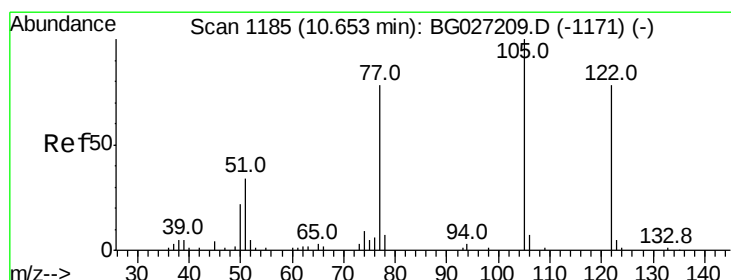
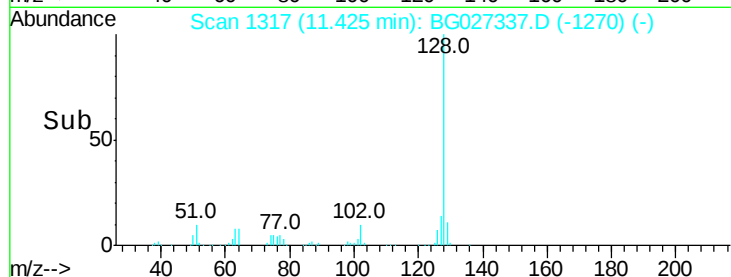
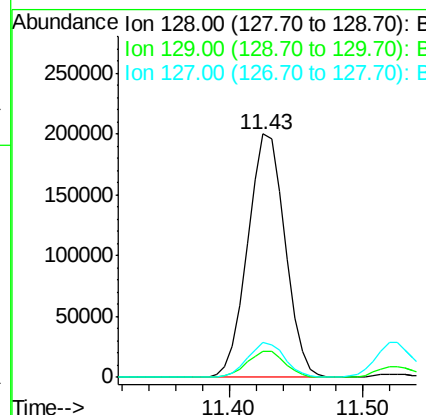
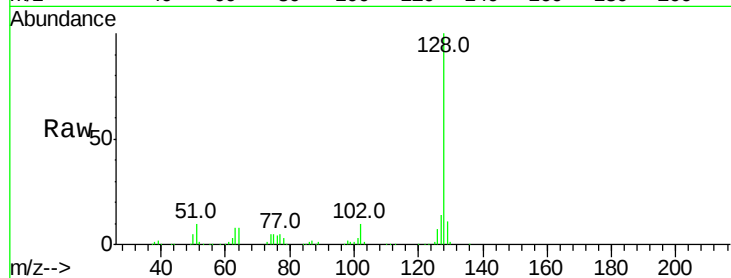




#31
Naphthalene
Concen: 33.50 ng
RT: 11.43 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

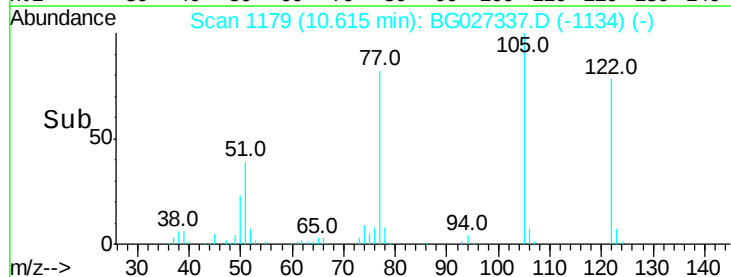
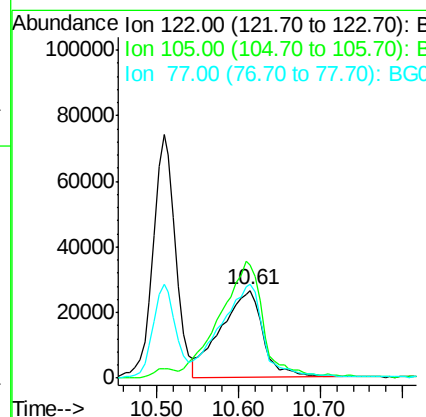
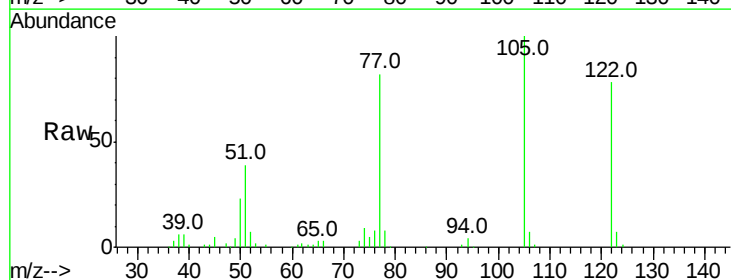
Instrument :
BNA_G
ClientSampleId :

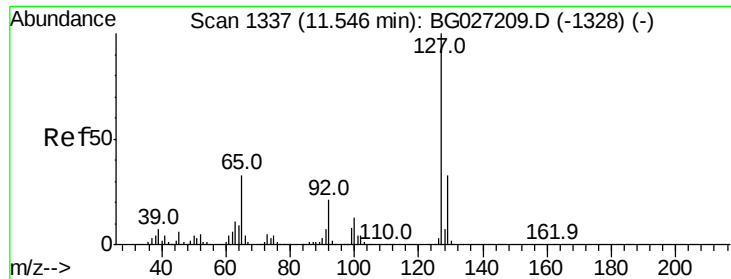
Tot Ion:128 Resp: 385802
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 42.15 ng
RT: 10.61 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:122 Resp: 96025
Ion Ratio Lower Upper
122 100
105 128.5 120.1 160.1
77 106.0 104.6 144.6

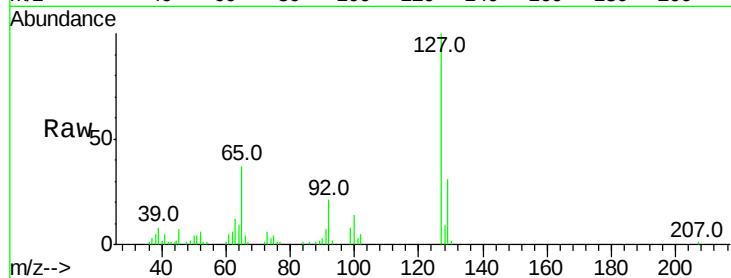




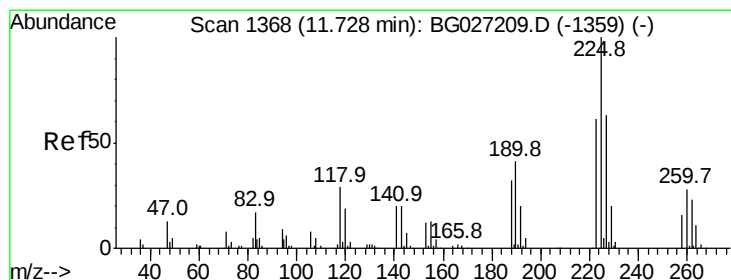
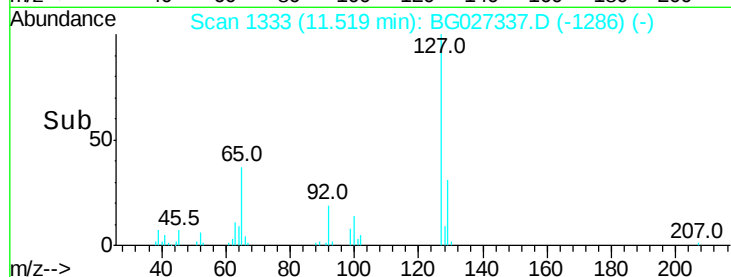
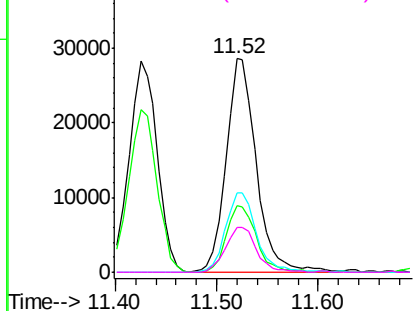
#33
4-Chloroaniline
Concen: 12.29 ng
RT: 11.52 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 58990
Ion Ratio Lower Upper
127 100
129 31.2 23.6 35.4
65 37.0 37.7 56.5#
92 20.8 17.6 26.4

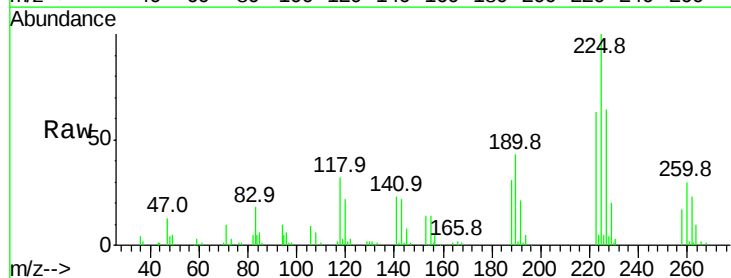


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

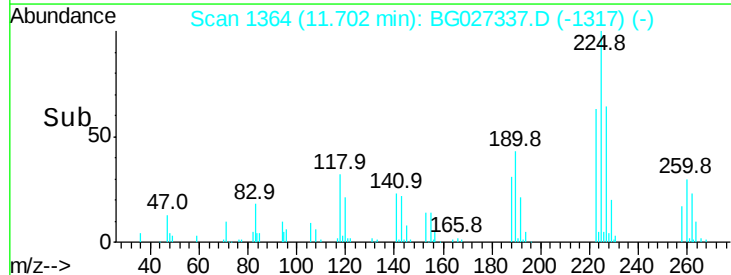
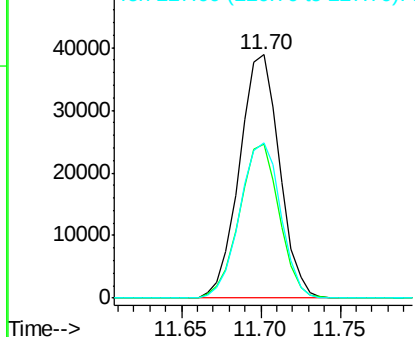


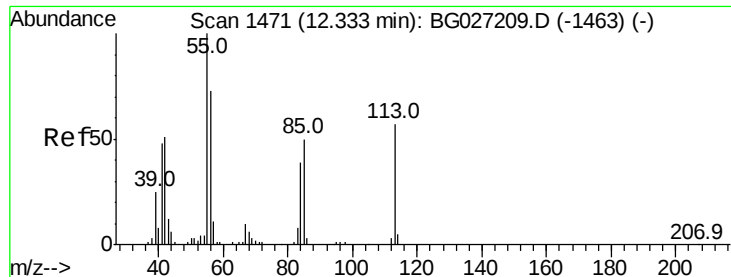
#34
Hexachlorobutadiene
Concen: 32.48 ng
RT: 11.70 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:225 Resp: 68362
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 64.0 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: 33.54 ng

RT: 12.29 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

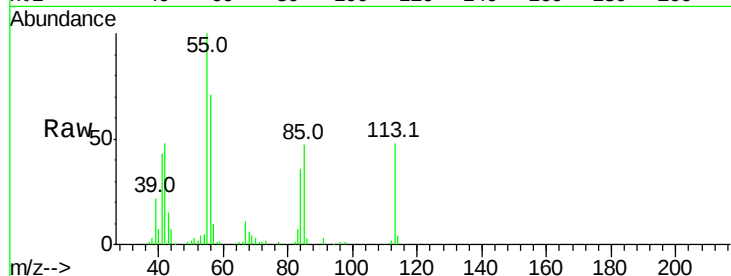
Tot Ion:113 Resp: 35573

Ion Ratio Lower Upper

113 100

55 206.9 198.6 238.6

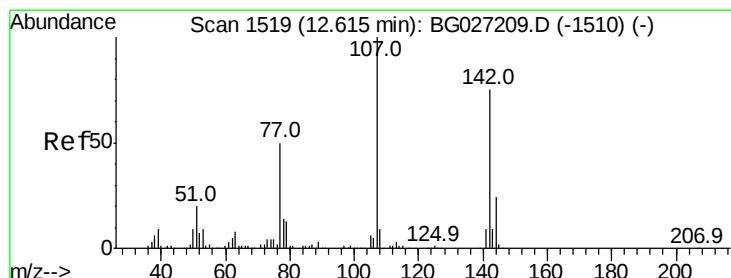
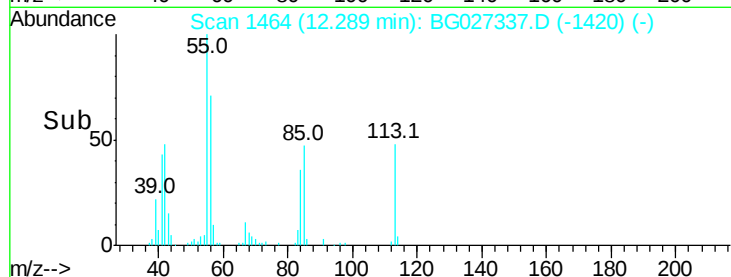
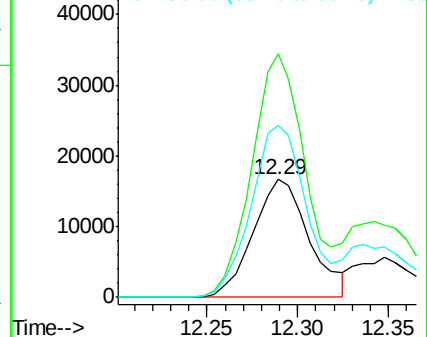
56 145.9 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.65 ng

RT: 12.59 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

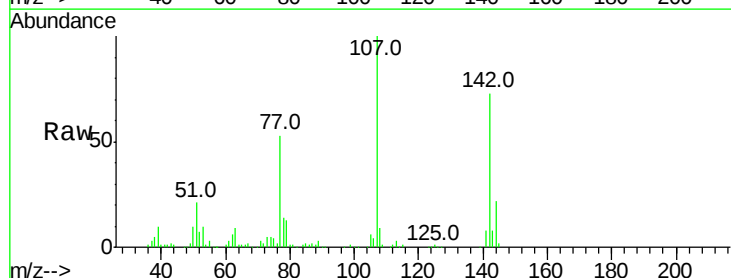
Tgt Ion:107 Resp: 165310

Ion Ratio Lower Upper

107 100

144 22.1 17.4 26.0

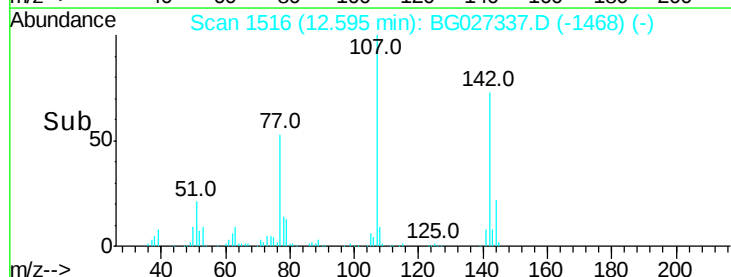
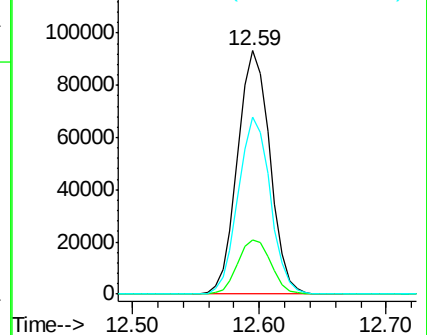
142 72.8 54.1 81.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

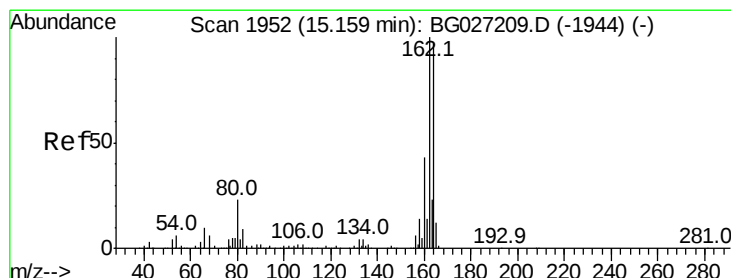
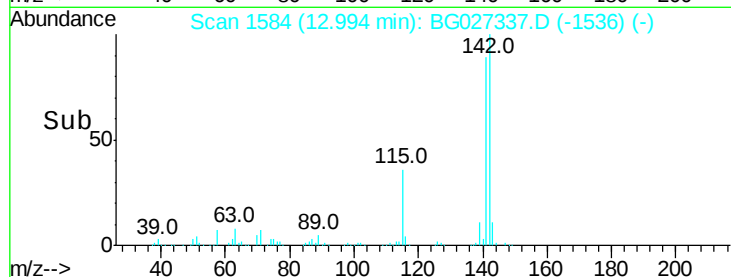
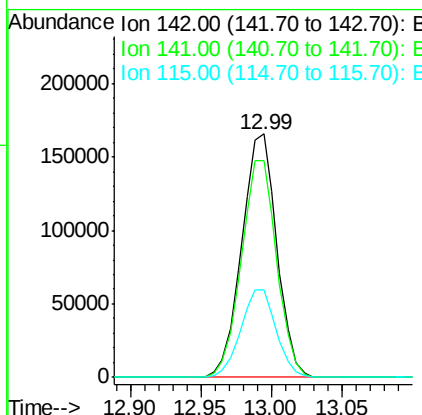
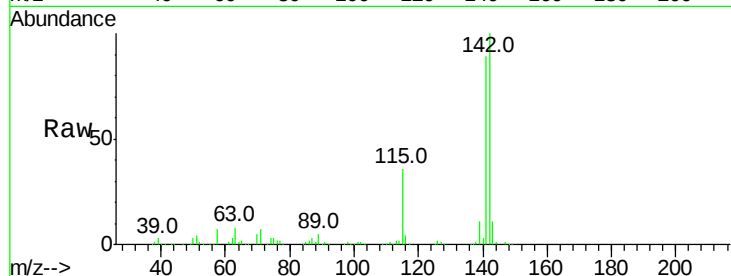




#37
2-Methylnaphthalene
Concen: 34.22 ng
RT: 12.99 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

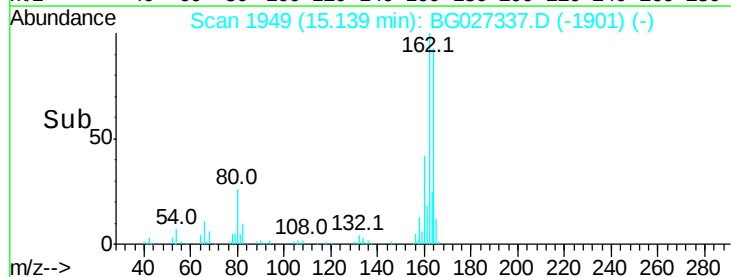
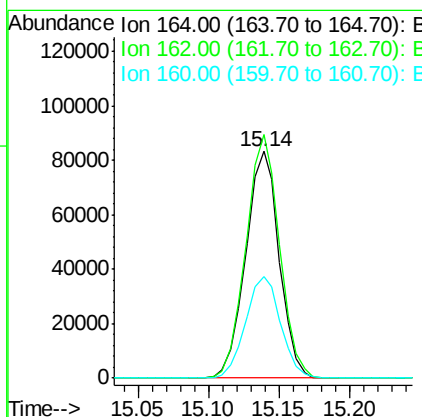
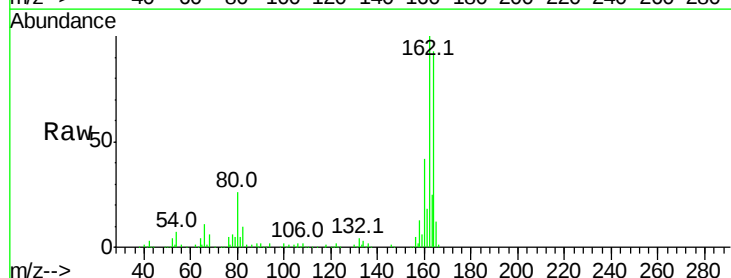
Instrument :
BNA_G
ClientSampled :

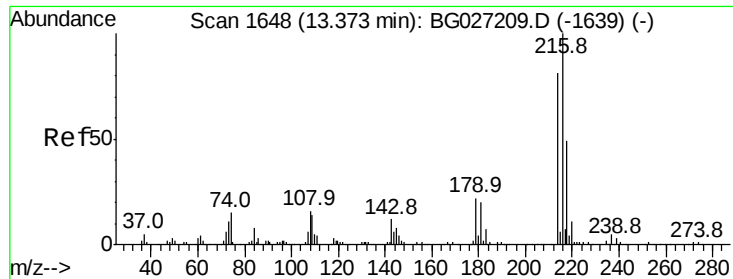
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.4	105.6
115	36.1	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	44.7	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.80 ng

RT: 13.35 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 136769

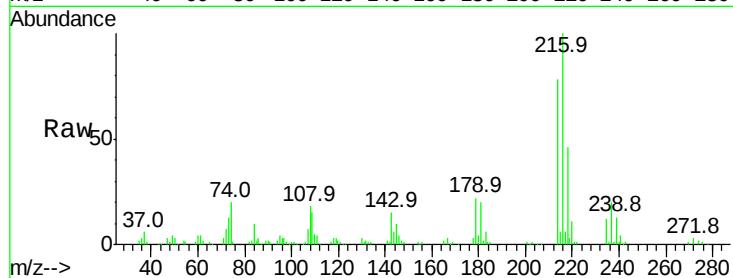
Ion Ratio Lower Upper

216 100

214 78.9 64.4 96.6

179 22.2 17.4 26.0

108 22.4 15.6 23.4

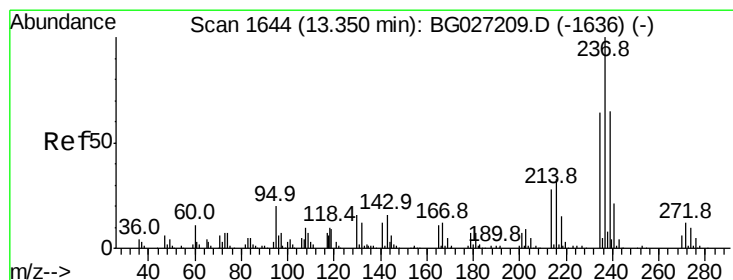
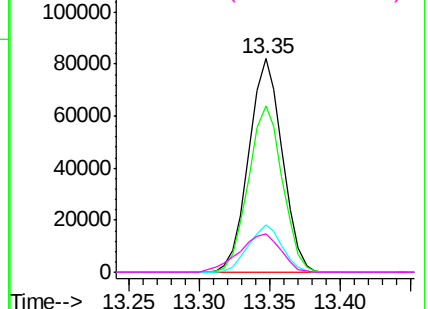
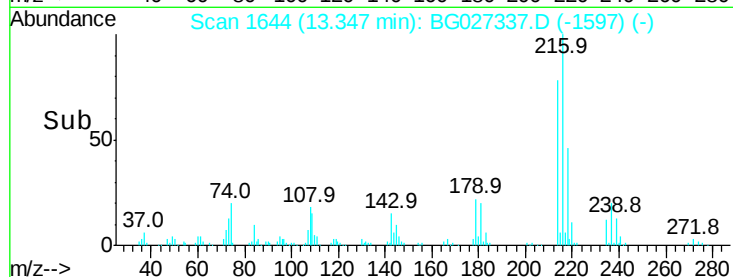


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.03 ng

RT: 13.32 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

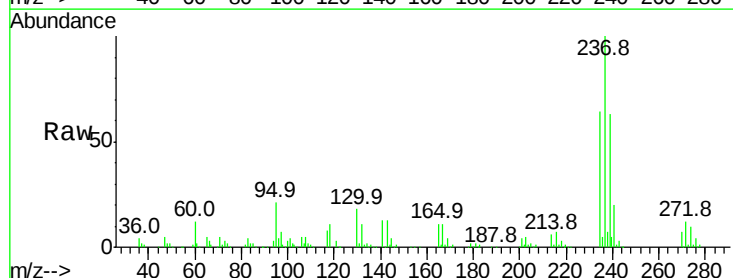
Tgt Ion:237 Resp: 187769

Ion Ratio Lower Upper

237 100

235 63.9 39.4 79.4

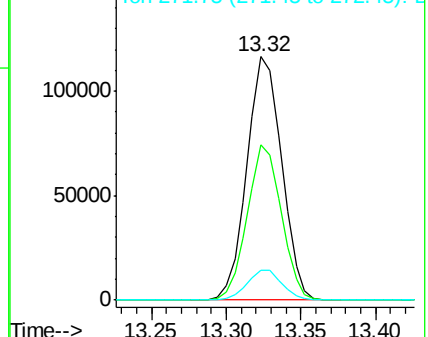
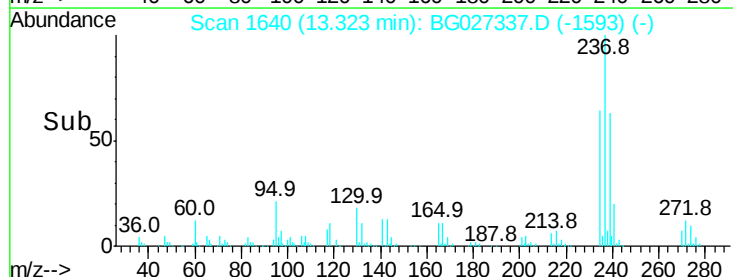
272 12.3 0.0 32.0



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: 76.44 ng

RT: 16.62 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

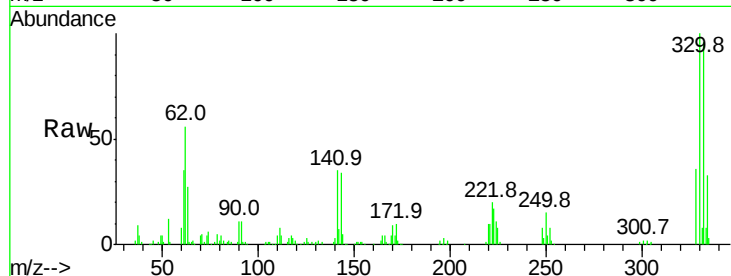
Tot Ion:330 Resp: 138959

Ion Ratio Lower Upper

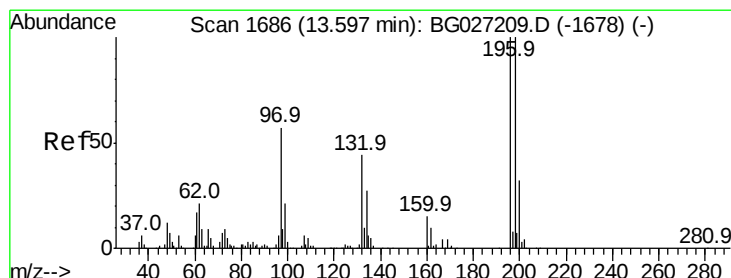
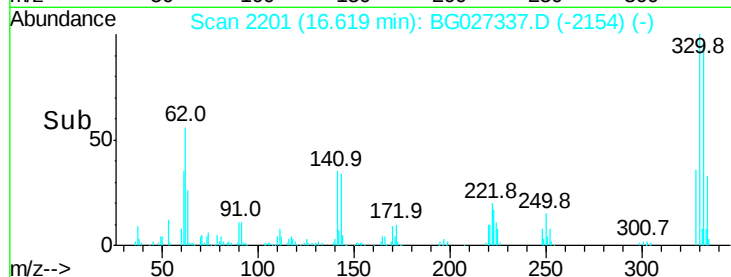
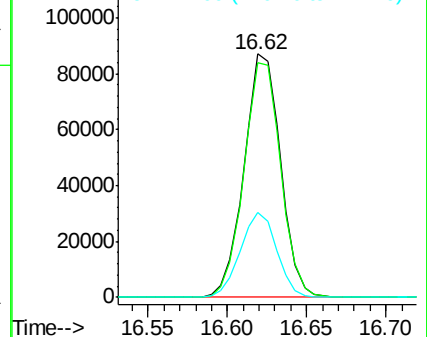
330 100

332 97.4 77.3 115.9

141 35.0 32.1 48.1



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



#42

2,4,6-Trichlorophenol

Concen: 39.09 ng

RT: 13.58 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

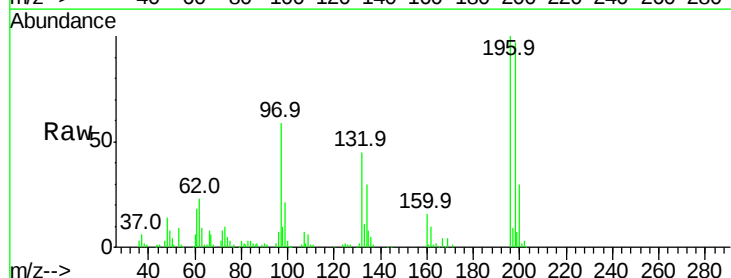
Tgt Ion:196 Resp: 101974

Ion Ratio Lower Upper

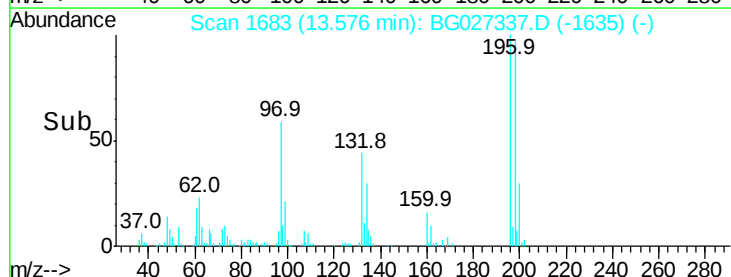
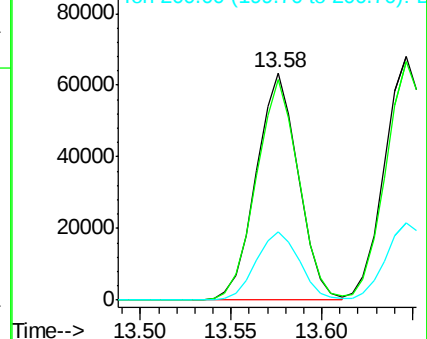
196 100

198 96.9 81.4 122.2

200 30.0 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

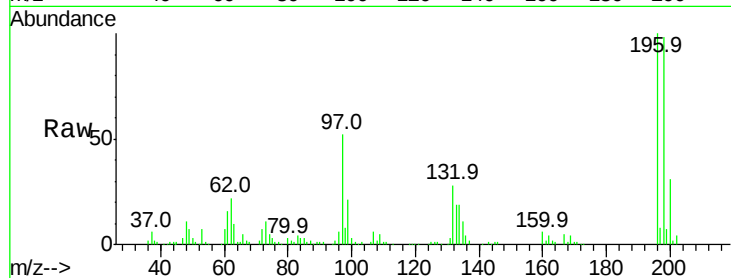




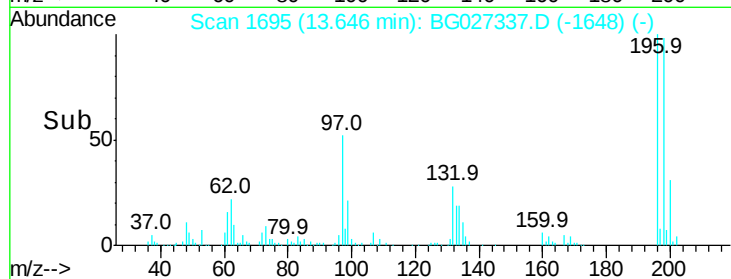
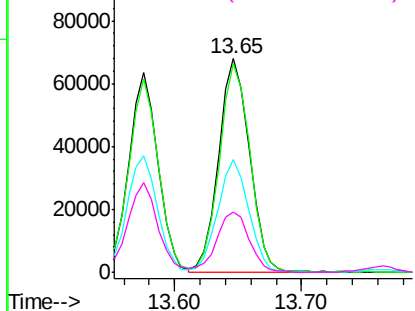
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 13.65 min Scan# 1695
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 115204
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.9 119.9
 97 52.5 45.4 68.0
 132 28.4 20.7 31.1

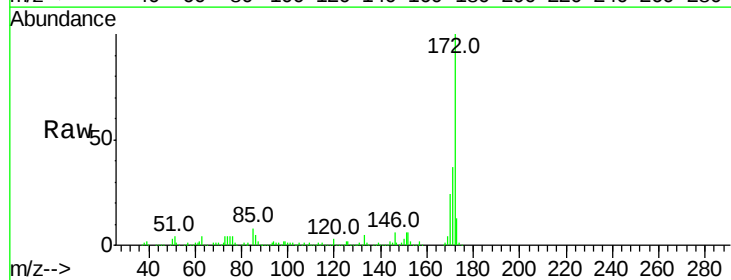


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

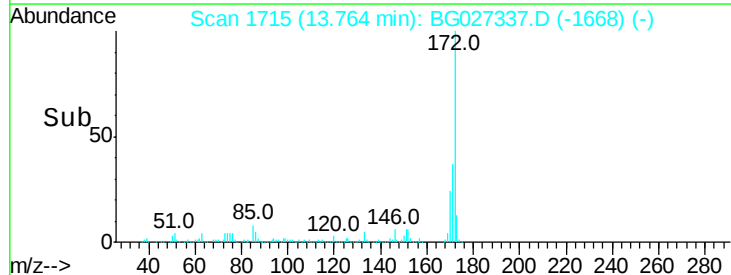
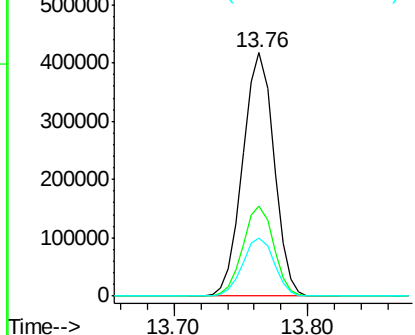


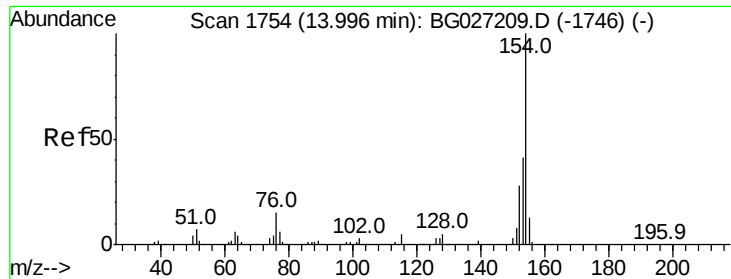
#44
 2-Fluorobiphenyl
 Concen: 68.31 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion:172 Resp: 674072
 Ion Ratio Lower Upper
 172 100
 171 37.1 32.2 48.2
 170 23.9 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.78 ng

RT: 13.98 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

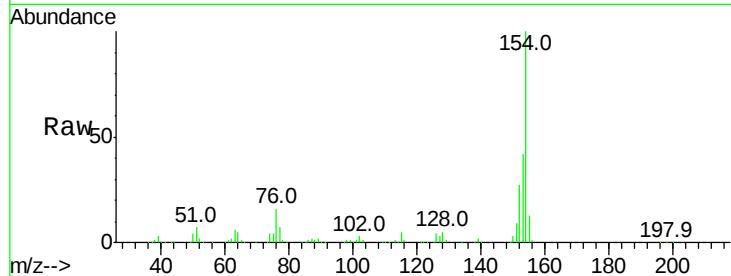
Tot Ion:154 Resp: 380634

Ion Ratio Lower Upper

154 100

153 41.8 23.0 63.0

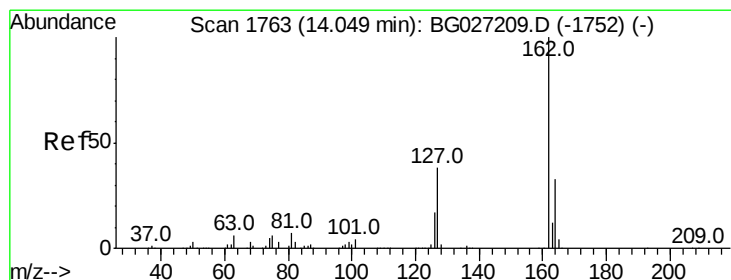
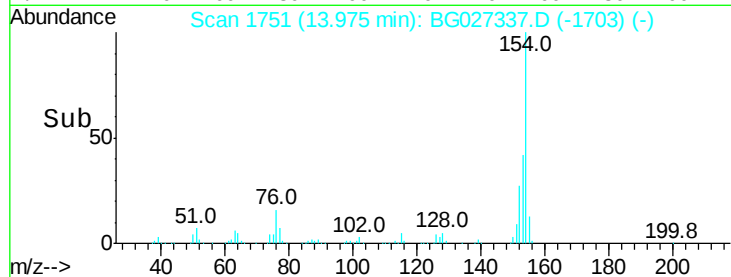
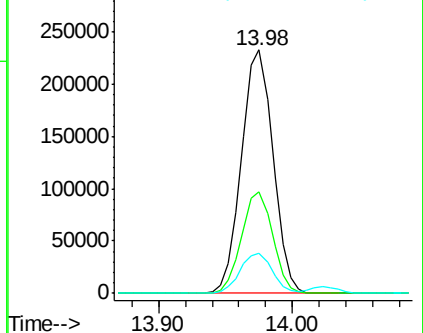
76 16.4 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 34.71 ng

RT: 14.02 min Scan# 1759

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

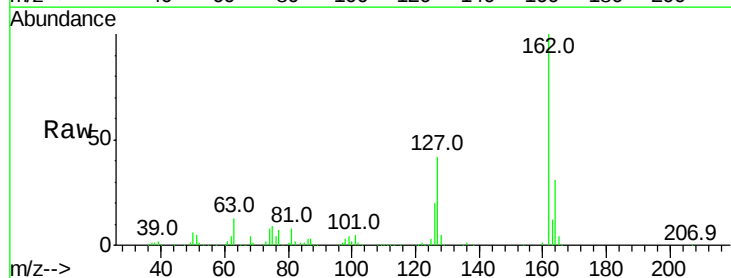
Tgt Ion:162 Resp: 293223

Ion Ratio Lower Upper

162 100

127 42.3 32.2 48.4

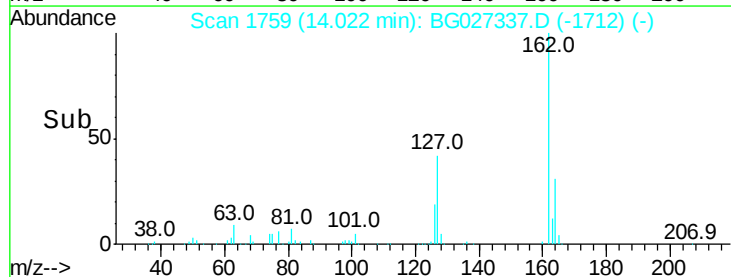
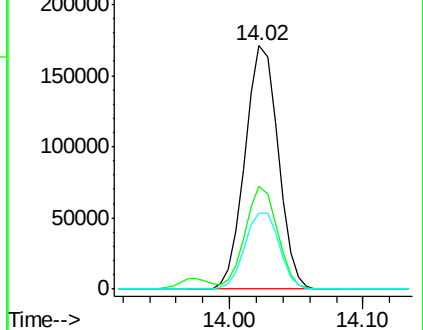
164 31.4 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.03 ng

RT: 14.22 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampled :

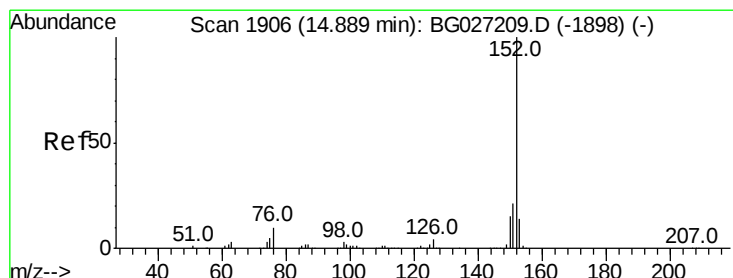
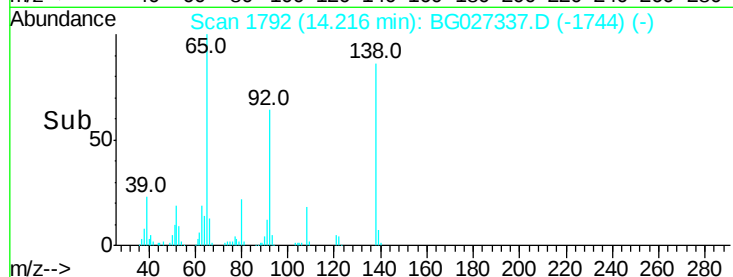
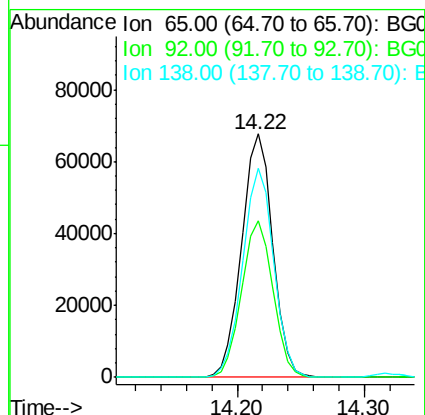
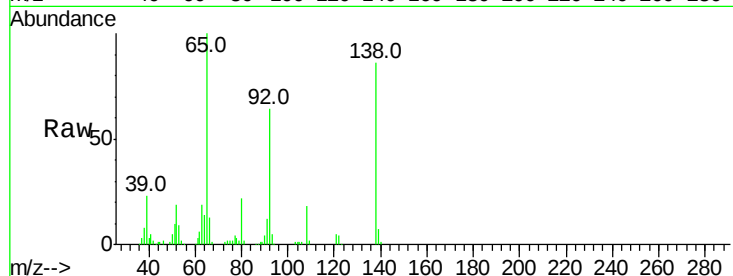
Tot Ion: 65 Resp: 115395

Ion Ratio Lower Upper

65 100

92 64.2 49.0 73.4

138 86.0 58.6 87.8



#48

Acenaphthylene

Concen: 33.49 ng

RT: 14.86 min Scan# 1902

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

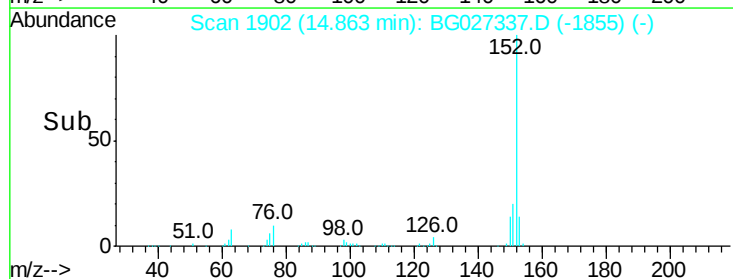
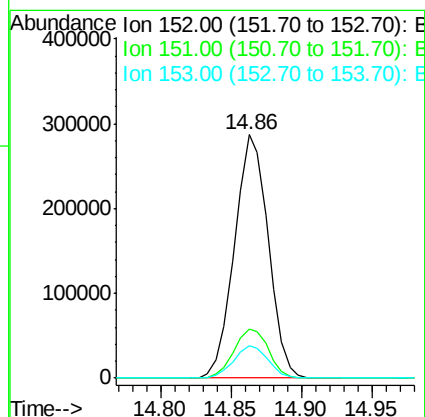
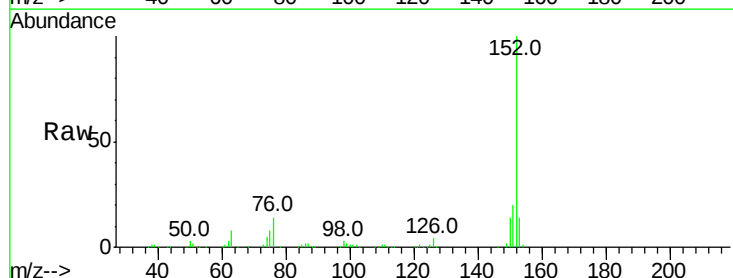
Tgt Ion: 152 Resp: 478866

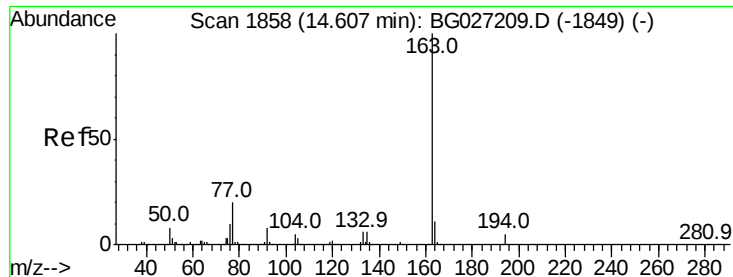
Ion Ratio Lower Upper

152 100

151 20.2 18.2 27.2

153 13.5 11.3 16.9

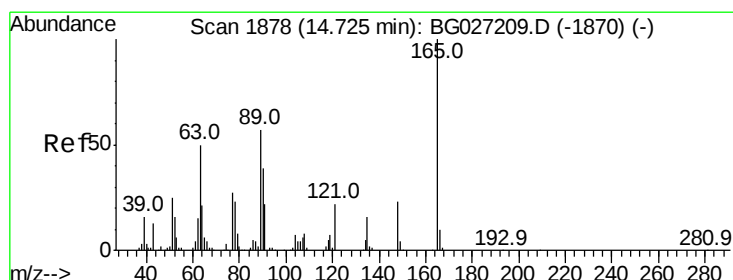
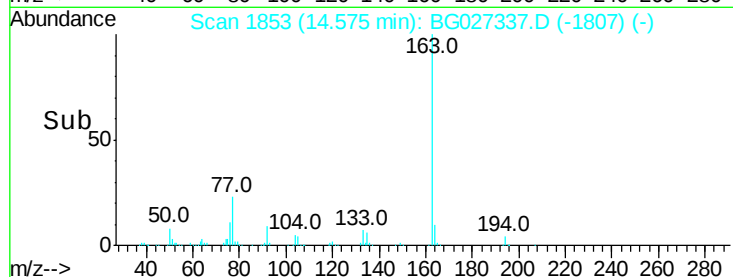
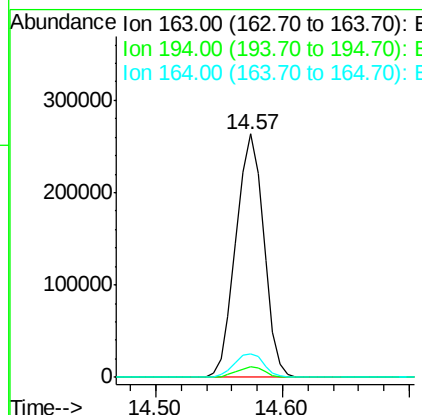
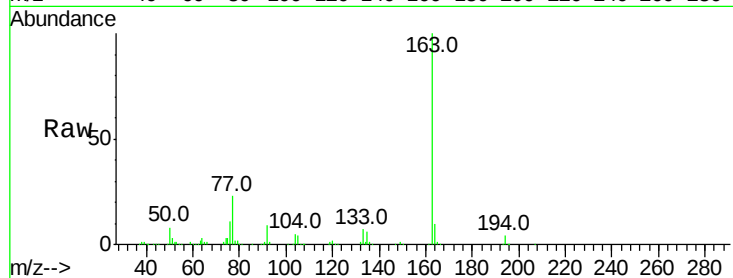




#49
Dimethylphthalate
Concen: 36.65 ng
RT: 14.57 min Scan# 1853
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

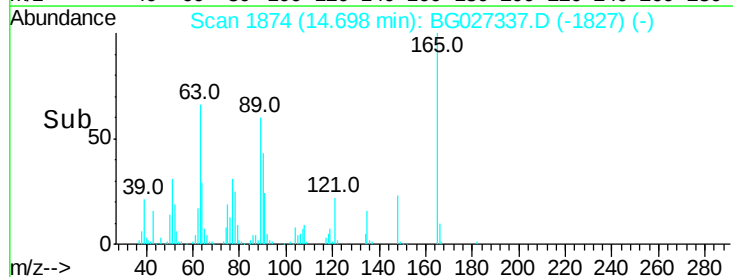
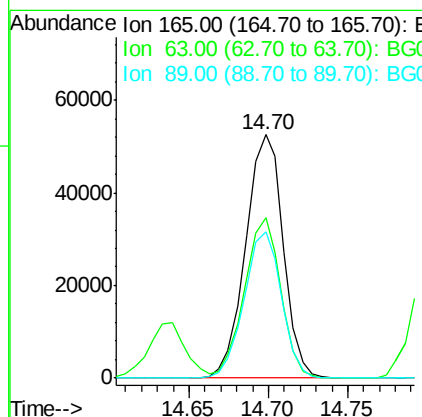
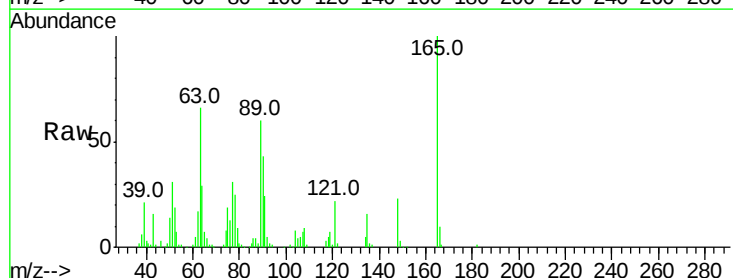
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	9.9	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 39.81 ng
RT: 14.70 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	63.9	95.9
89	59.9	58.6	88.0





#51

Acenaphthene

Concen: 38.45 ng

RT: 15.20 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

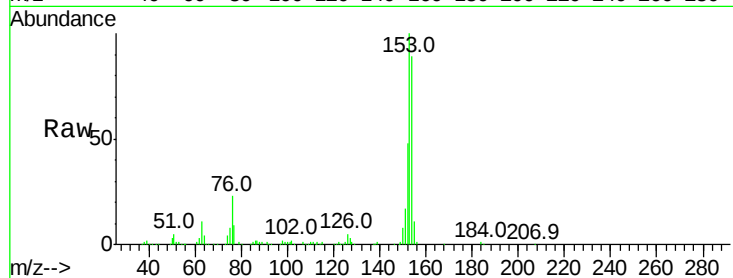
Tot Ion:154 Resp: 357625

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.6

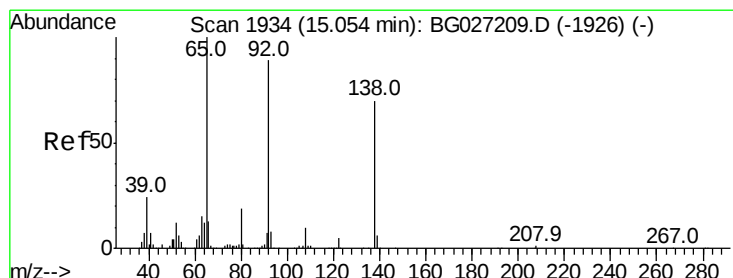
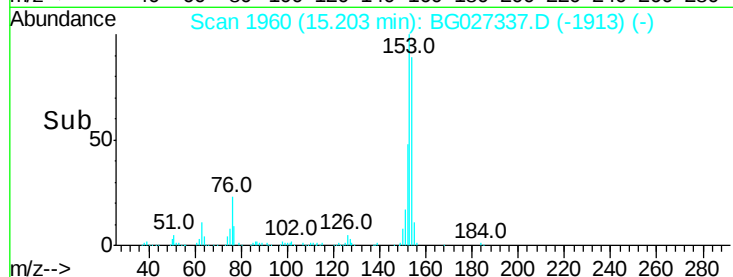
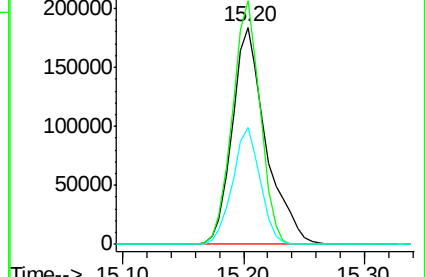
152 53.6 42.2 63.4



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: 24.79 ng

RT: 15.03 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

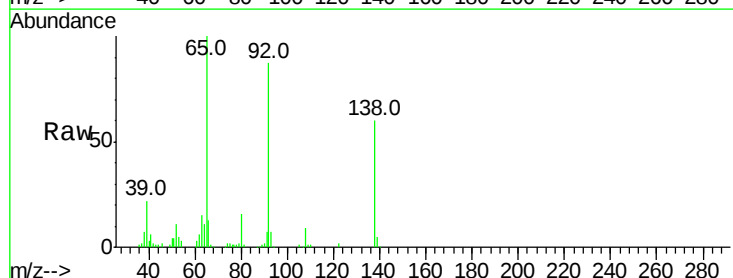
Tgt Ion:138 Resp: 50538

Ion Ratio Lower Upper

138 100

108 14.1 10.9 16.3

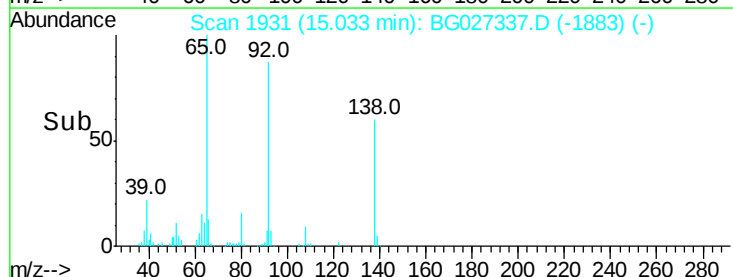
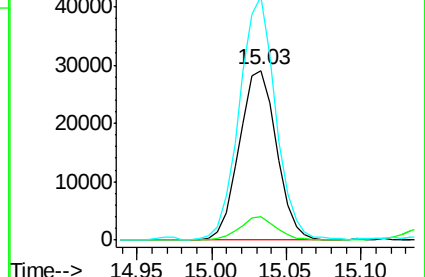
92 143.5 115.3 172.9



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

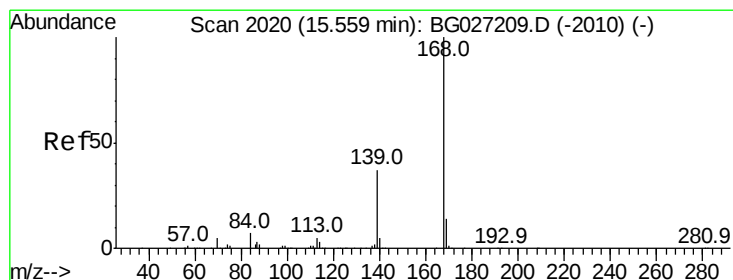
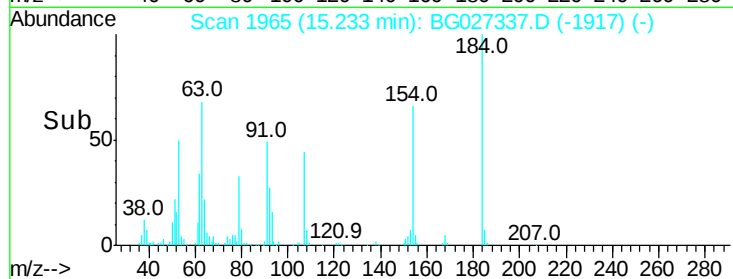
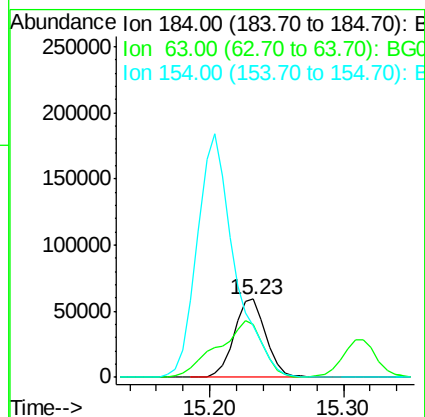
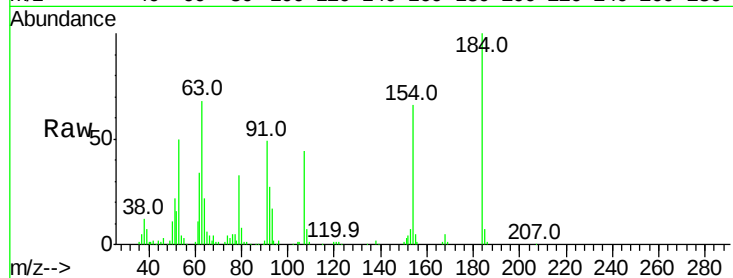




#53
2,4-Dinitrophenol
Concen: 87.69 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

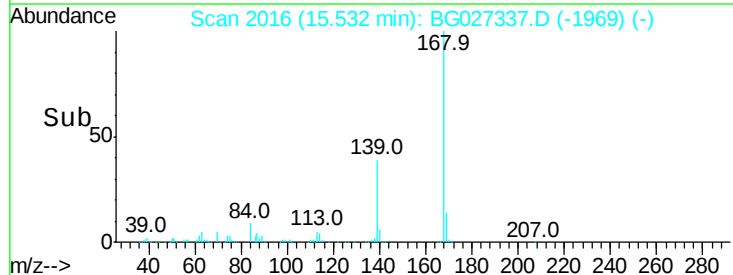
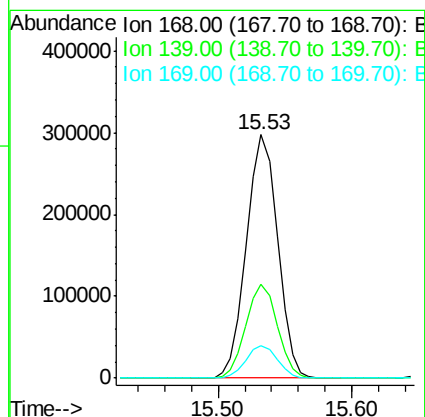
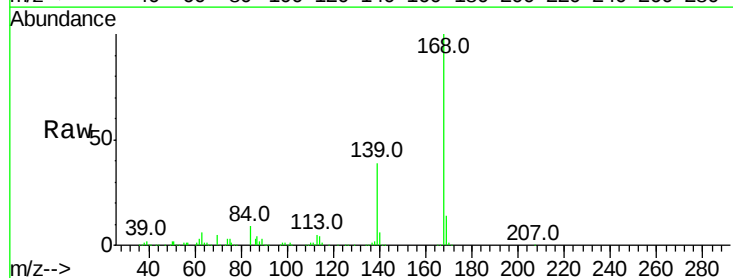
Instrument :
BNA_G
ClientSampleId :

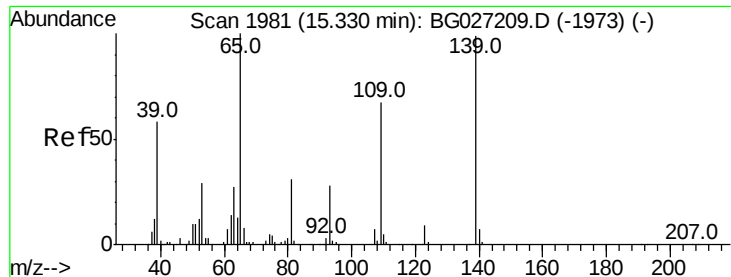
Tot Ion:184 Resp: 98117
Ion Ratio Lower Upper
184 100
63 68.2 52.7 79.1
154 65.9 57.3 85.9



#54
Dibenzofuran
Concen: 37.01 ng
RT: 15.53 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:168 Resp: 480976
Ion Ratio Lower Upper
168 100
139 38.8 35.3 52.9
169 13.5 11.5 17.3





#55

4-Nitrophenol

Concen: 79.71 ng

RT: 15.31 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

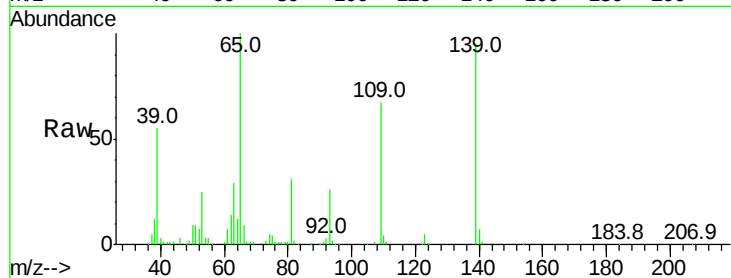
Tot Ion:139 Resp: 164832

Ion Ratio Lower Upper

139 100

109 70.5 101.2 141.2#

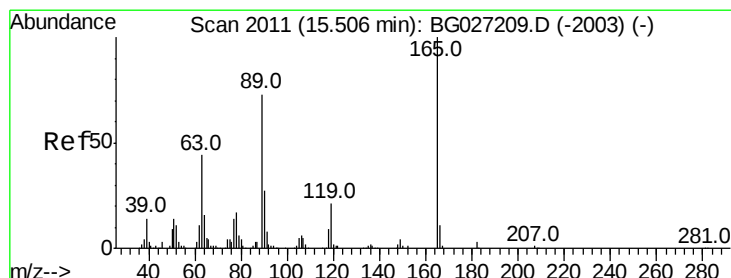
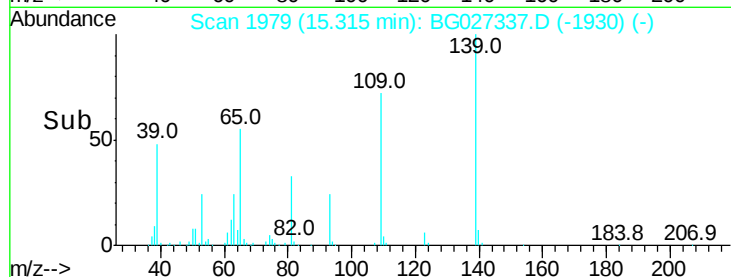
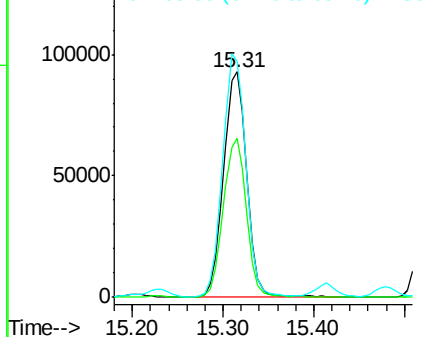
65 104.8 135.3 175.3#



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: 44.01 ng

RT: 15.48 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:165 Resp: 123338

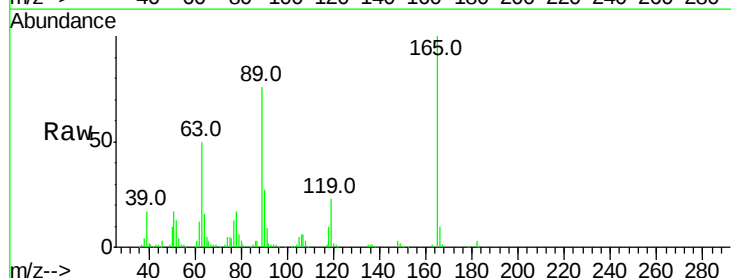
Ion Ratio Lower Upper

165 100

63 49.5 44.0 66.0

89 76.3 67.3 100.9

182 2.6 3.8 5.6#

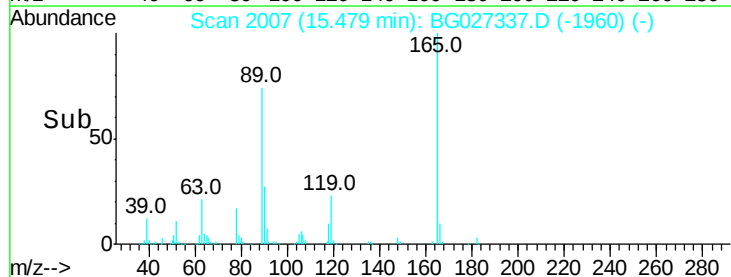
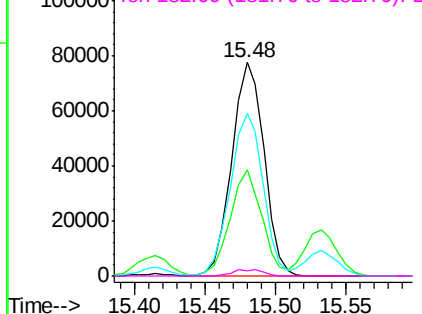


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.28 ng

RT: 16.18 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

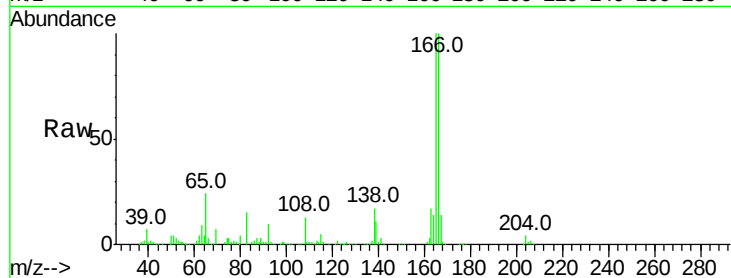
Tot Ion:166 Resp: 395729

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

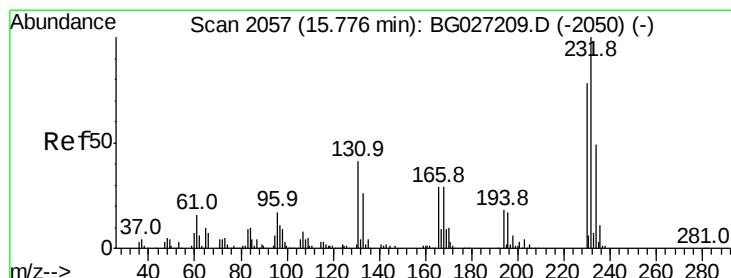
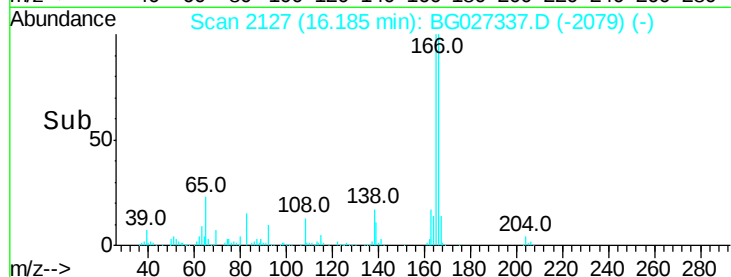
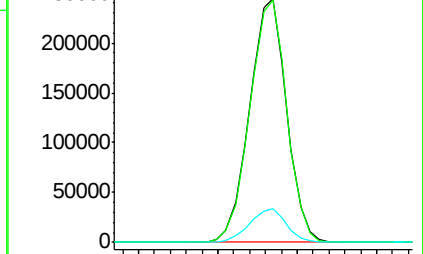
167 13.9 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.93 ng

RT: 15.75 min Scan# 2053

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:232 Resp: 109246

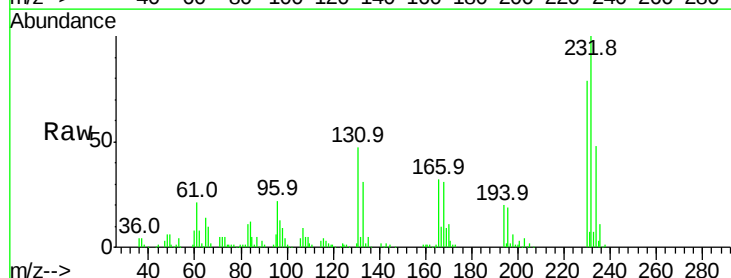
Ion Ratio Lower Upper

232 100

131 46.6 34.9 52.3

130 2.4 2.3 3.5

166 32.5 24.2 36.4

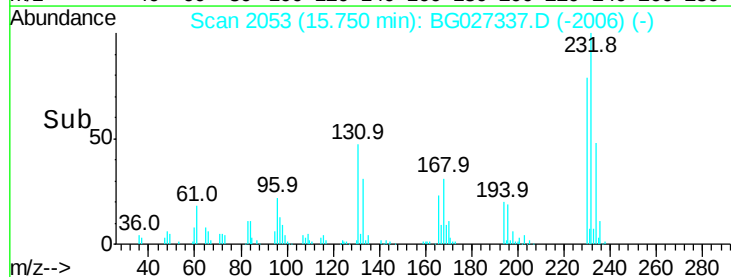
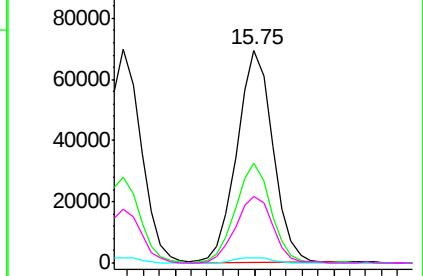


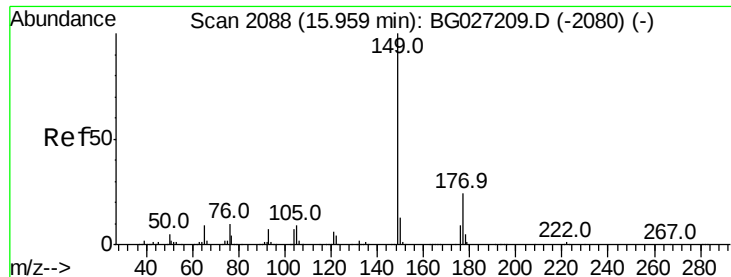
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.57 ng

RT: 15.93 min Scan# 2083

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

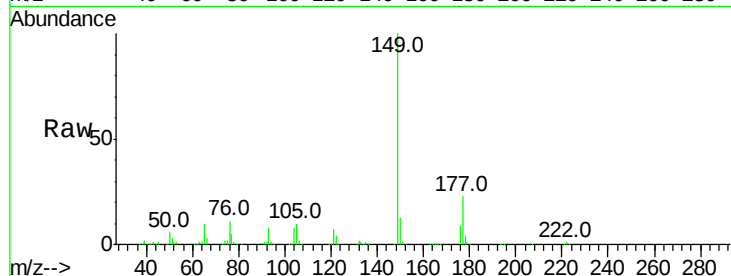
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 421363

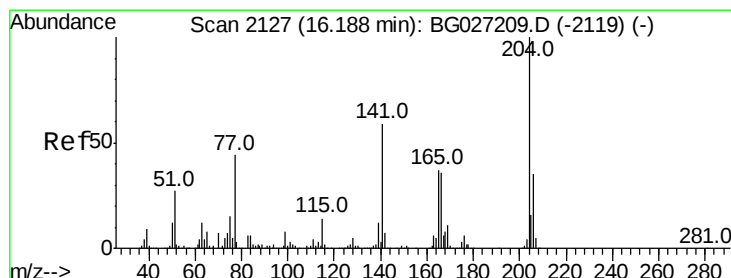
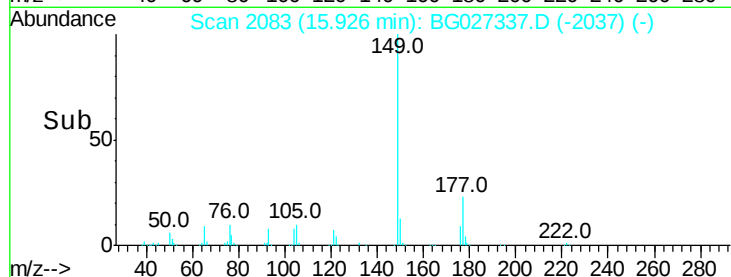
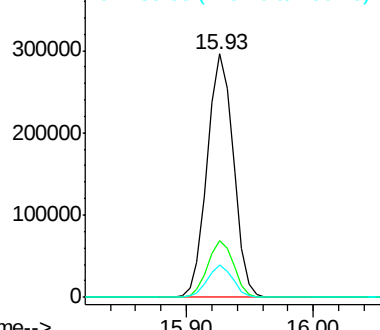
Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.1	30.1
150	13.1	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.42 ng

RT: 16.16 min Scan# 2123

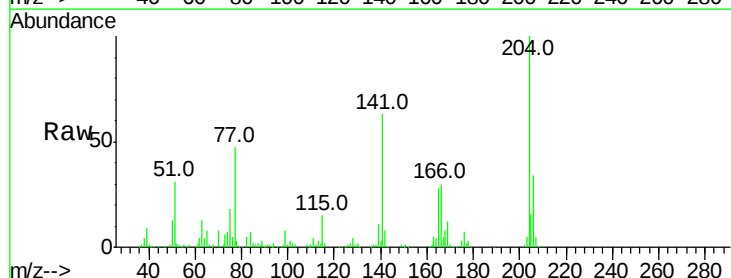
Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:204 Resp: 200141

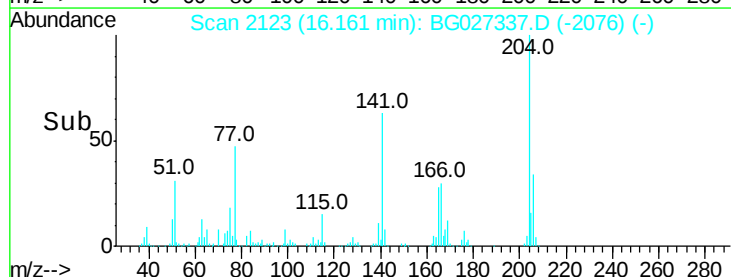
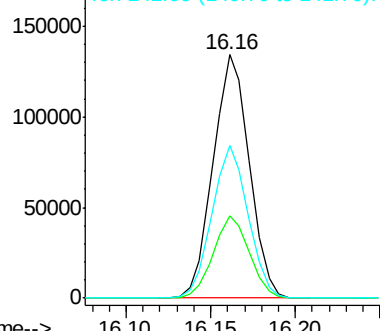
Ion	Ratio	Lower	Upper
204	100		
206	33.6	30.1	45.1
141	62.5	50.6	76.0

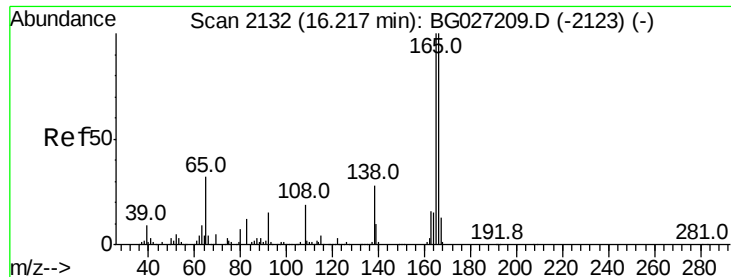


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

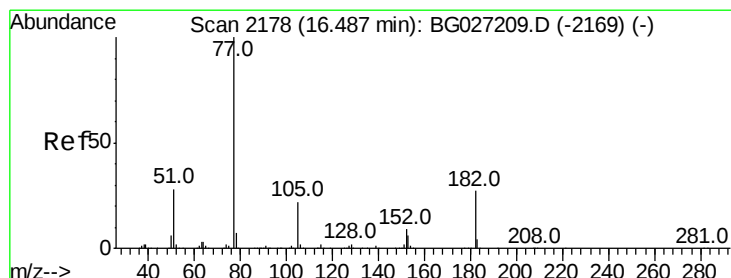
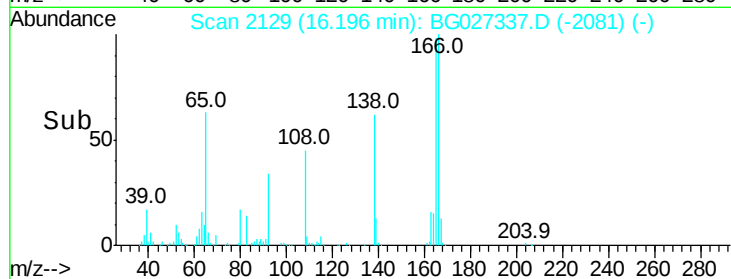
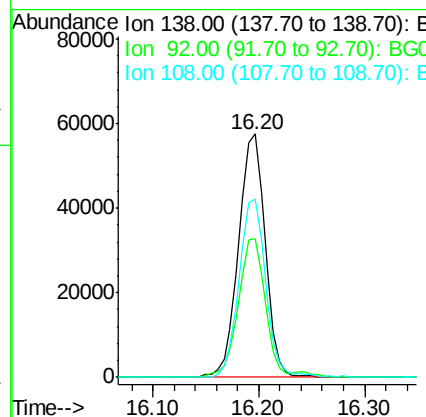
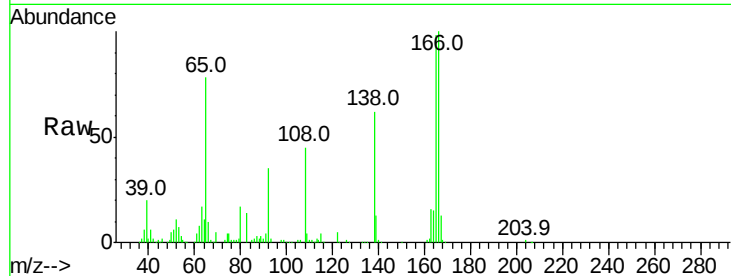




#61
4-Nitroaniline
Concen: 43.08 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

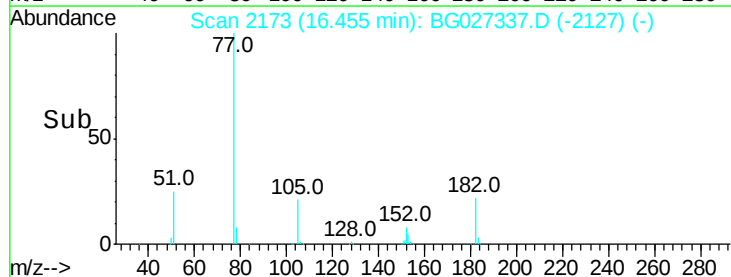
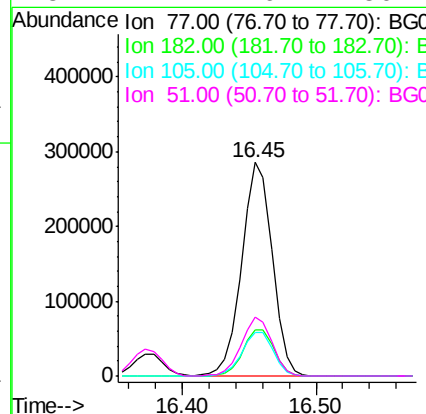
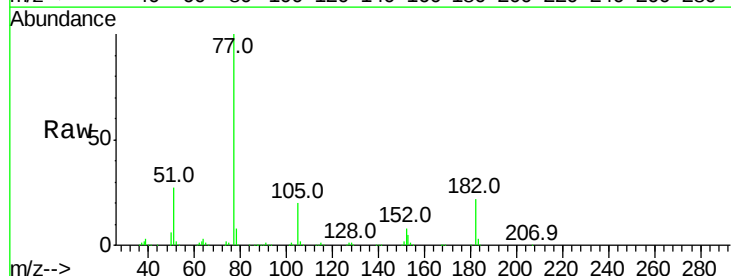
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 100103
Ion Ratio Lower Upper
138 100
92 57.1 44.2 84.2
108 73.4 104.8 144.8#



#62
Azobenzene
Concen: 44.55 ng
RT: 16.45 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion: 77 Resp: 450988
Ion Ratio Lower Upper
77 100
182 21.7 4.7 44.7
105 20.5 0.0 36.3
51 27.4 16.4 56.4

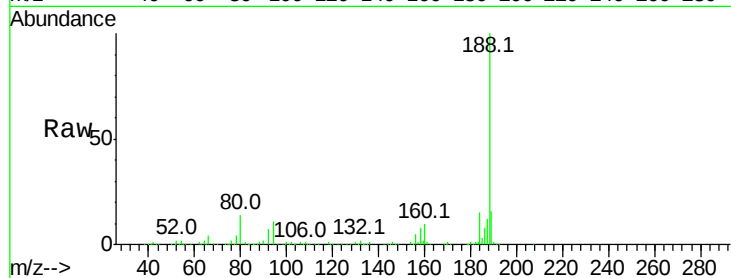




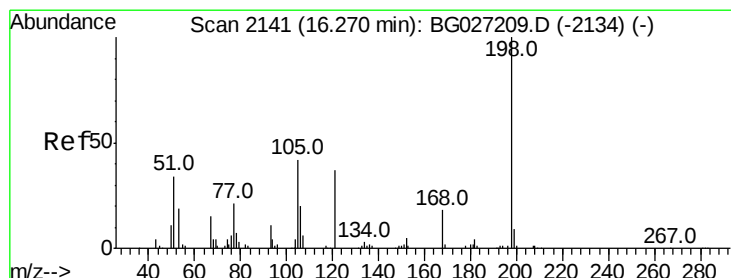
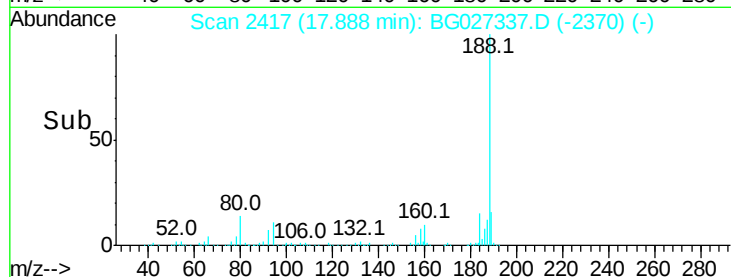
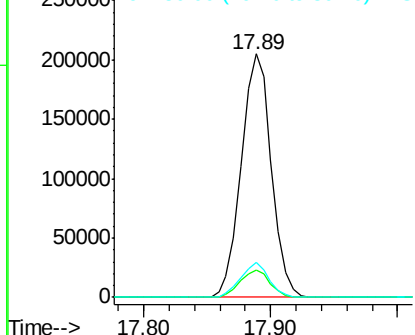
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 335449
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 14.3 7.5 11.3#

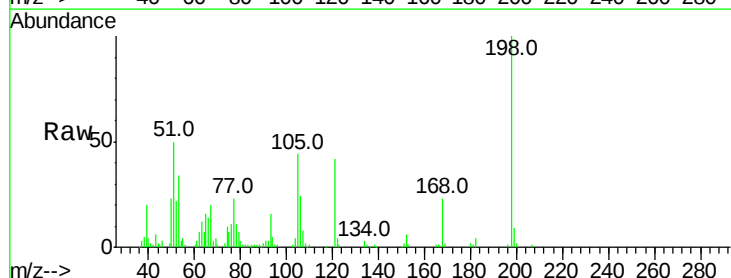


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

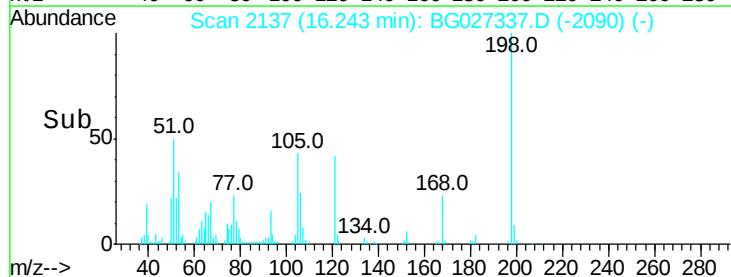
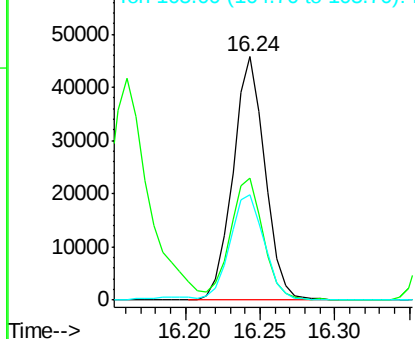


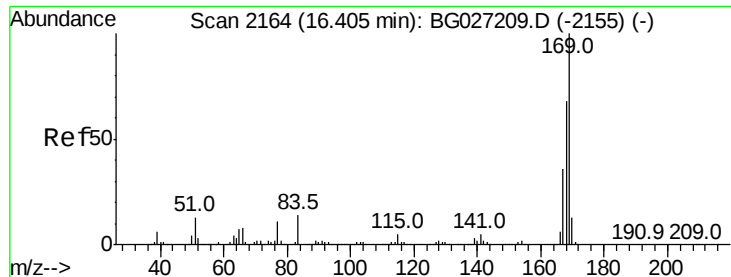
#64
4,6-Dinitro-2-methylphenol
Concen: 46.46 ng
RT: 16.24 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:198 Resp: 68363
Ion Ratio Lower Upper
198 100
51 50.1 22.6 62.6
105 43.5 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: 34.26 ng

RT: 16.37 min Scan# 2159

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

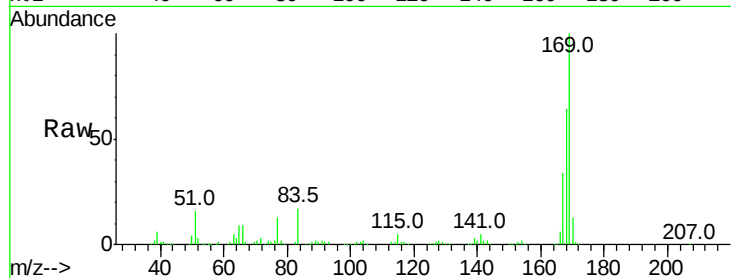
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 360327

Ion	Ratio	Lower	Upper
169	100		
168	64.3	55.7	83.5
167	33.9	29.8	44.6

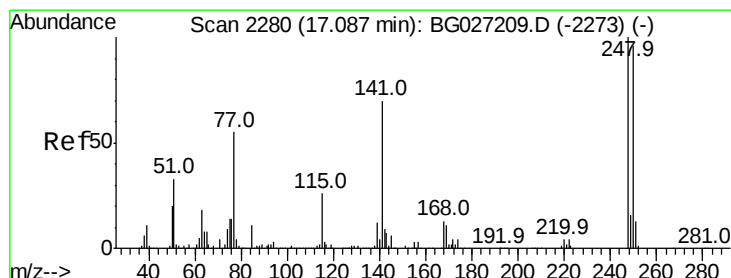
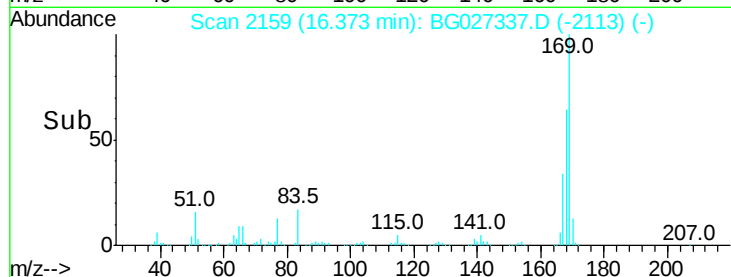
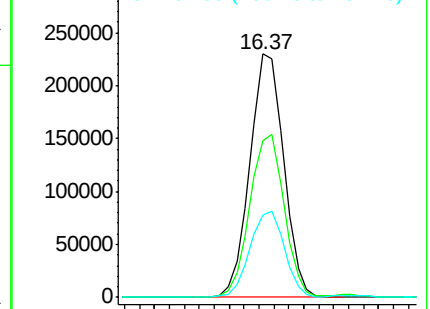


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.83 ng

RT: 17.06 min Scan# 2276

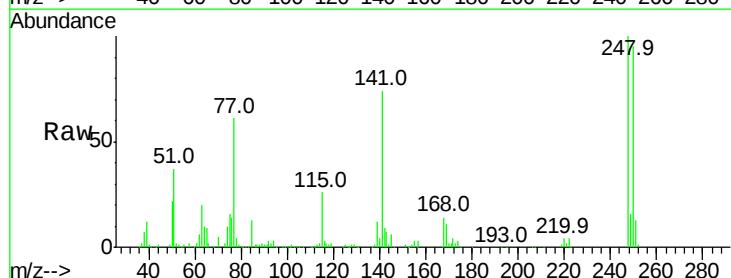
Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:248 Resp: 134312

Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.0	112.6
141	74.4	55.2	82.8

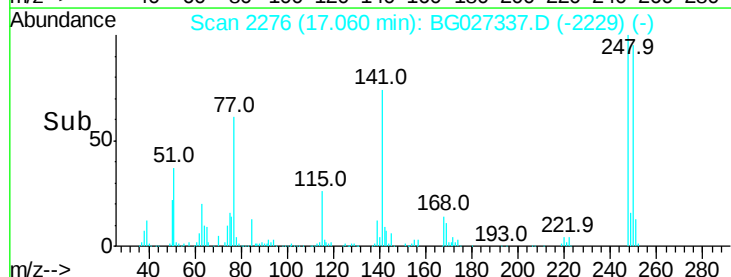
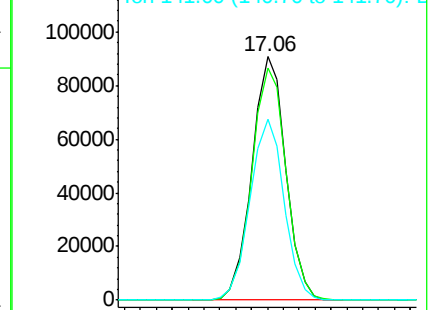


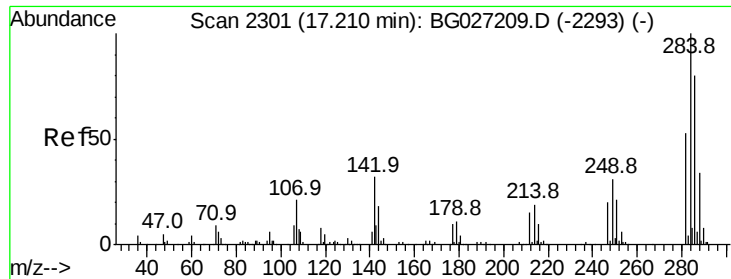
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

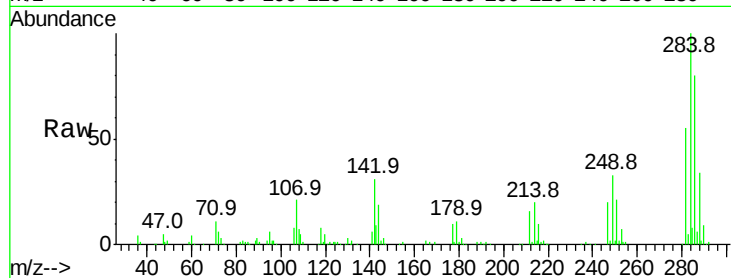




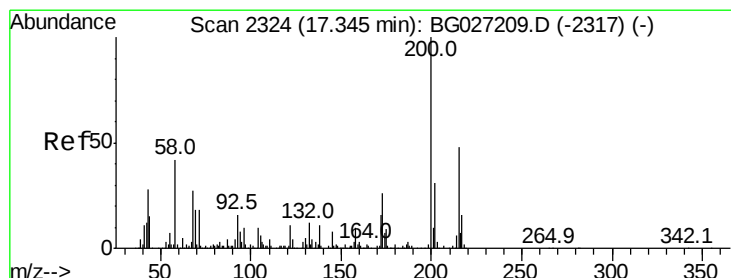
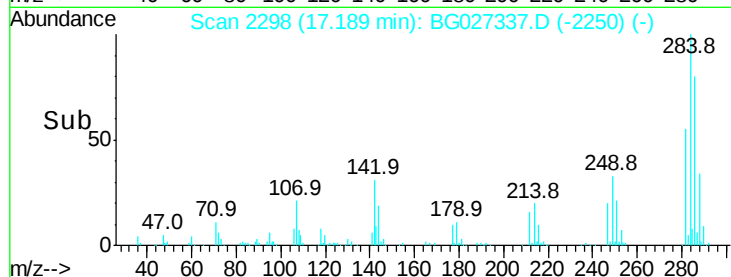
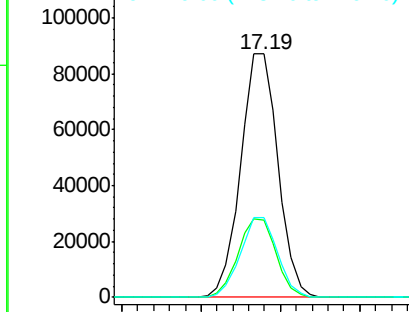
#67
Hexachlorobenzene
Concen: 33.27 ng
RT: 17.19 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.5	29.9	44.9
249	32.9	29.2	43.8

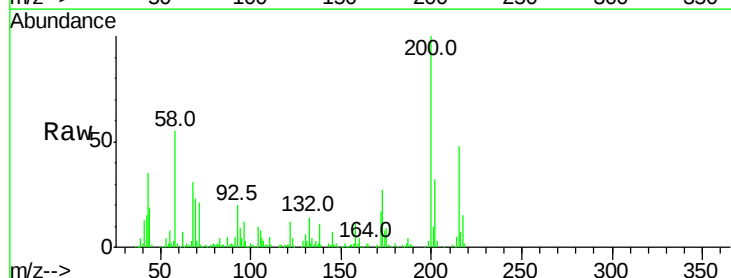


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

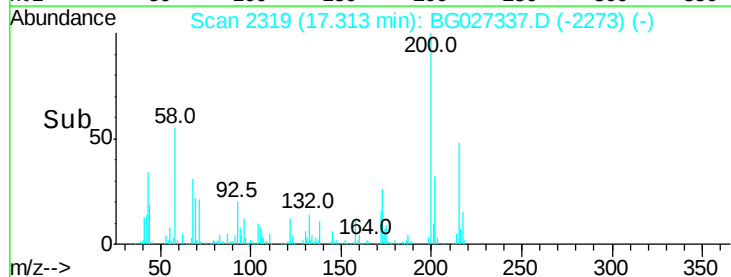
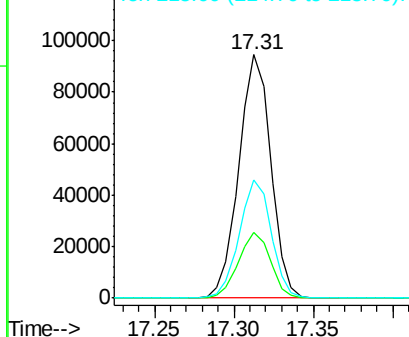


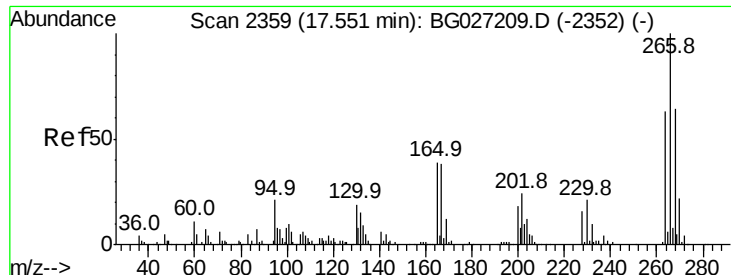
#68
Atrazine
Concen: 37.63 ng
RT: 17.31 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	3.0	43.0
215	48.3	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.16 ng

RT: 17.52 min Scan# 2355

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

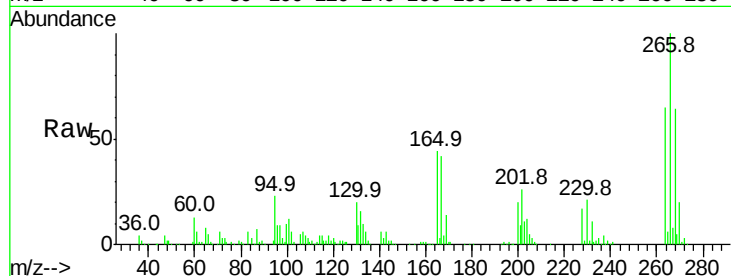
Tot Ion:266 Resp: 180619

Ion Ratio Lower Upper

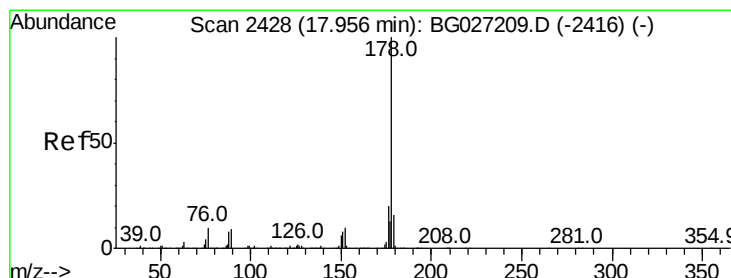
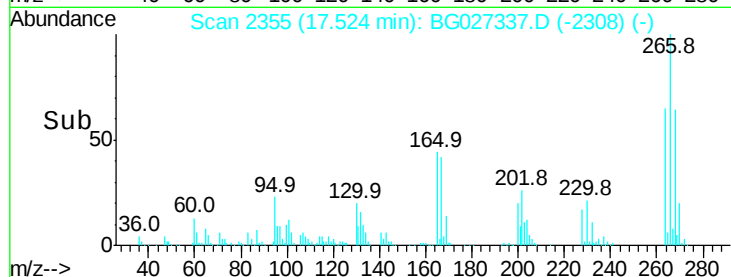
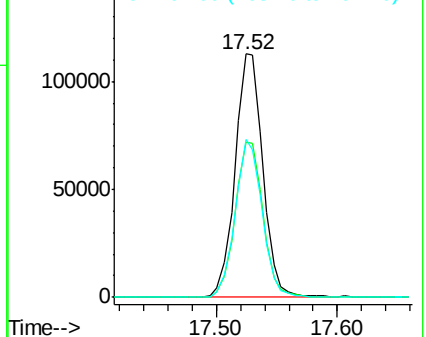
266 100

268 64.0 48.6 72.8

264 64.7 50.1 75.1



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



#70

Phenanthrene

Concen: 34.61 ng

RT: 17.94 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

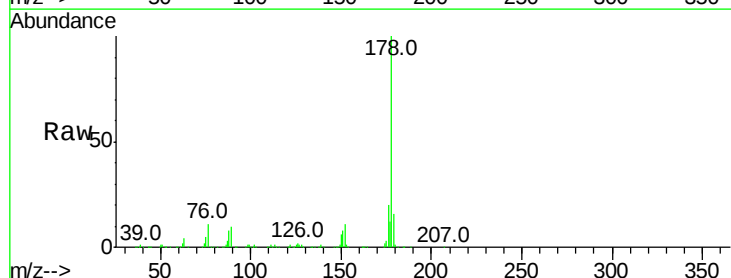
Tgt Ion:178 Resp: 653263

Ion Ratio Lower Upper

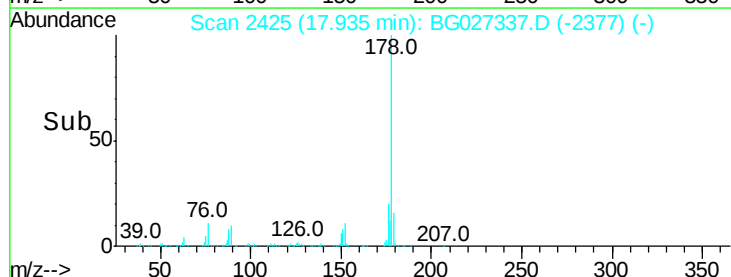
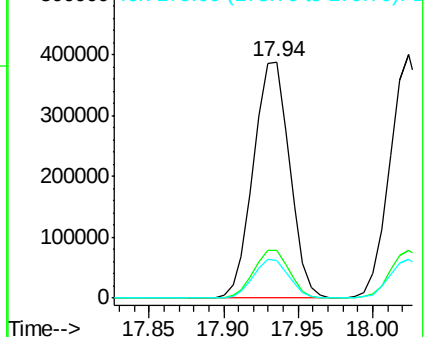
178 100

176 20.3 17.7 26.5

179 15.7 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

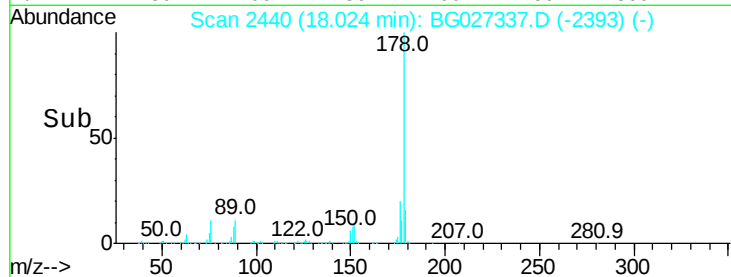
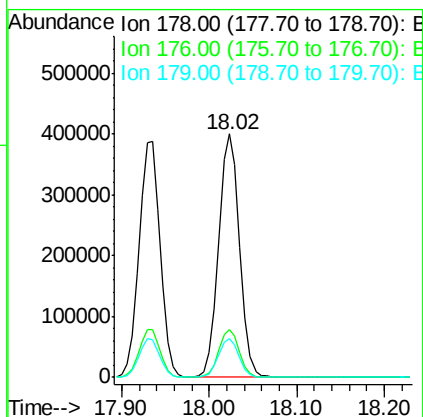
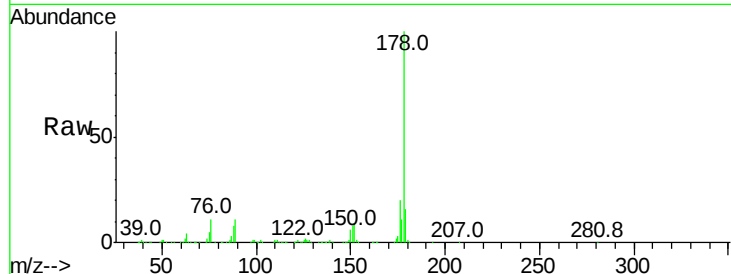




#71
 Anthracene
 Concen: 34.96 ng
 RT: 18.02 min Scan# 2440
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

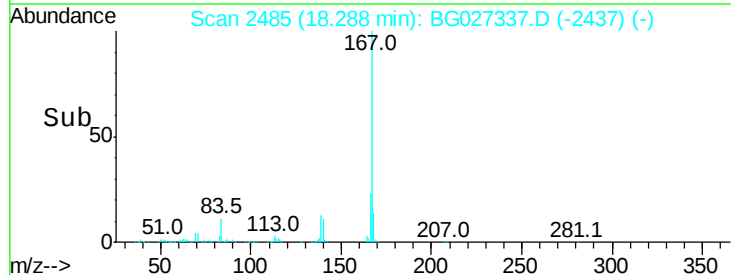
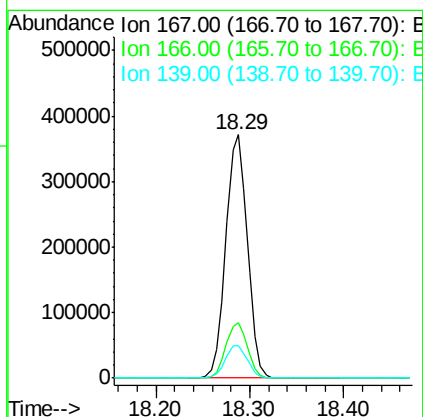
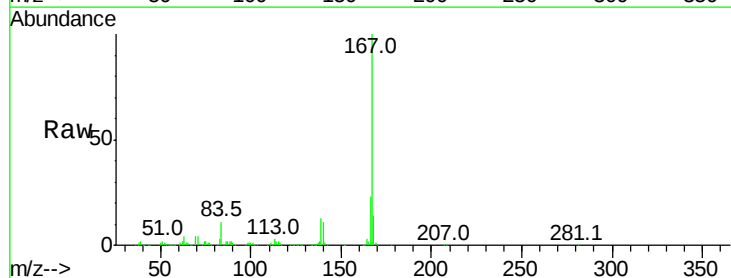
Instrument :
 BNA_G
 ClientSampleId :

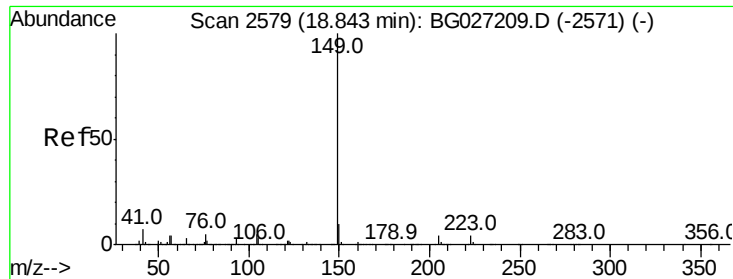
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	16.0	13.8	20.8



#72
 Carbazole
 Concen: 33.13 ng
 RT: 18.29 min Scan# 2485
 Delta R.T. -0.02 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	20.2	30.2
139	13.3	12.8	19.2

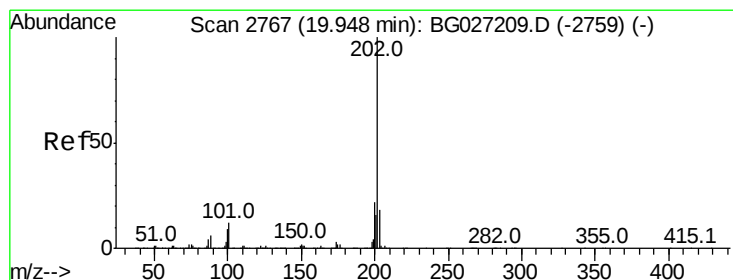
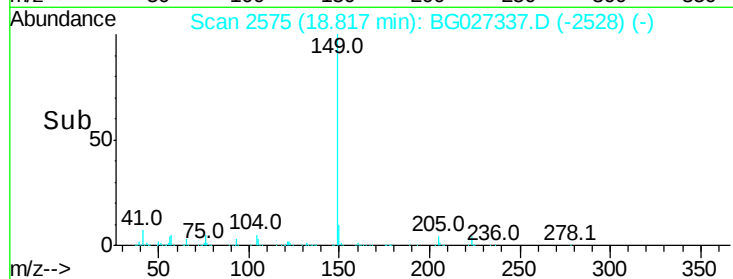
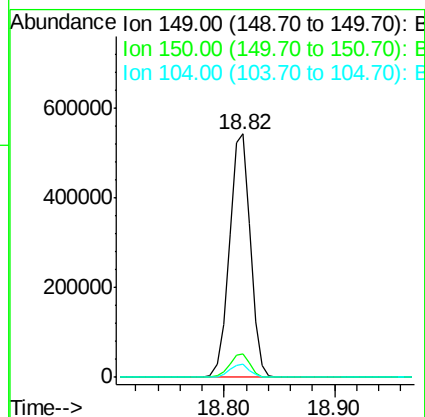
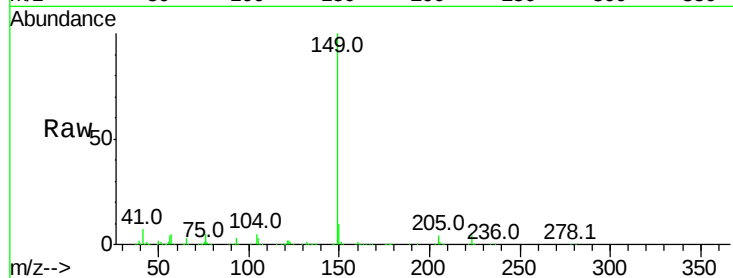




#73
Di-n-butylphthalate
Concen: 41.48 ng
RT: 18.82 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

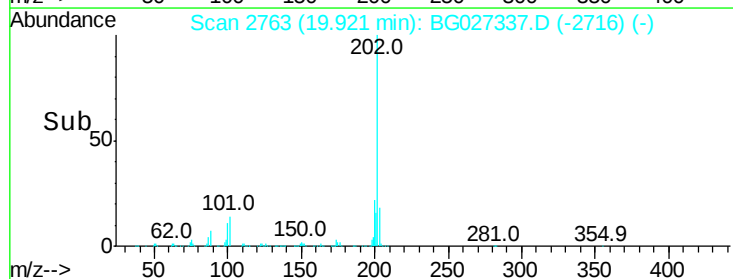
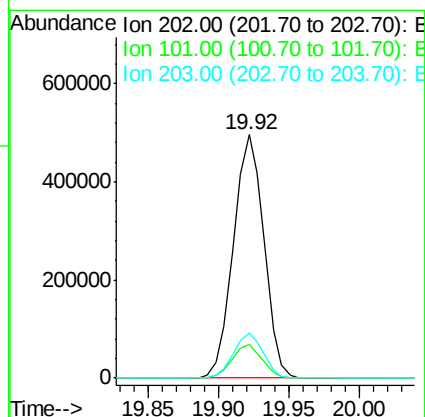
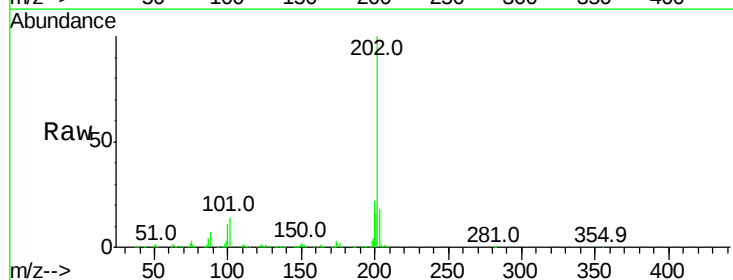
Instrument :
BNA_G
ClientSampleId :

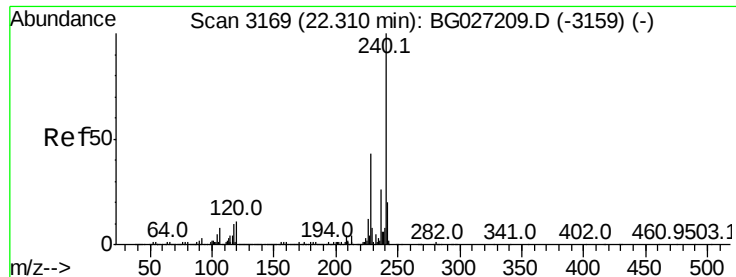
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.2	6.7	10.1#



#74
Fluoranthene
Concen: 36.91 ng
RT: 19.92 min Scan# 2763
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

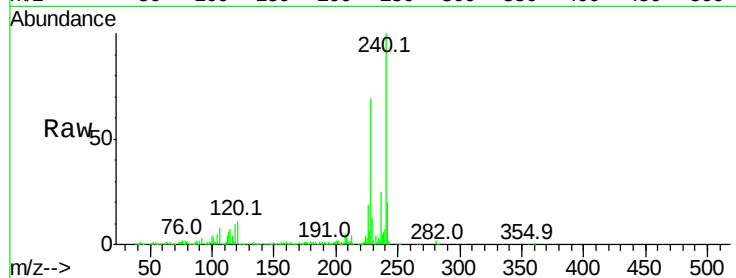
Tot Ion:240 Resp: 391874

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

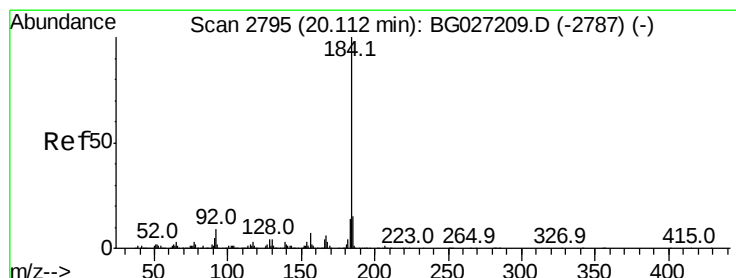
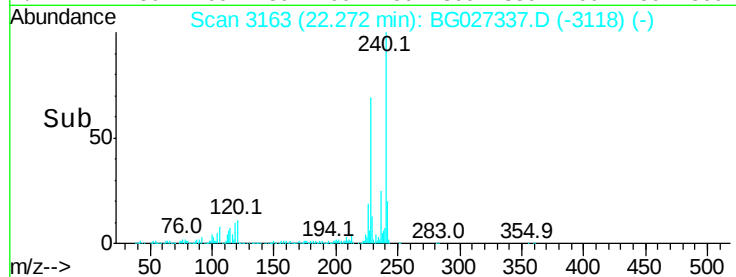
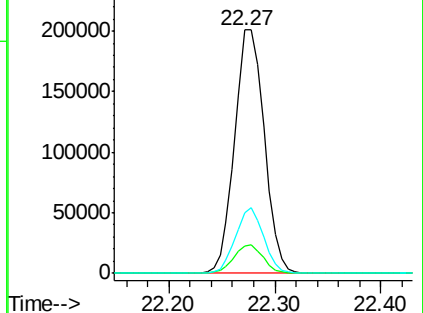
236 25.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.24 ng

RT: 20.09 min Scan# 2791

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

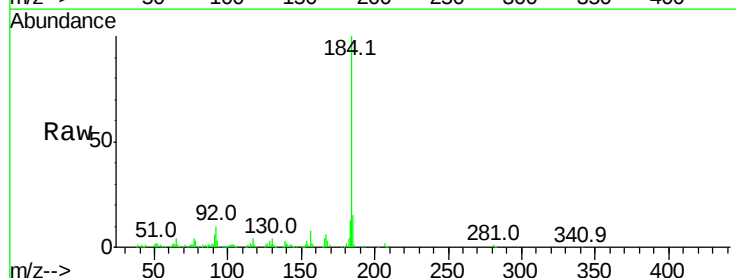
Tgt Ion:184 Resp: 238944

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

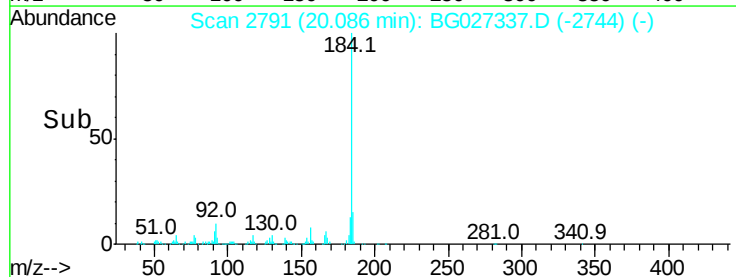
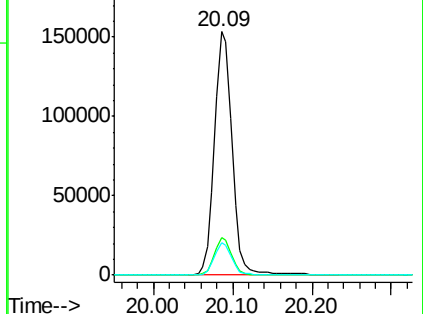
183 13.1 11.0 16.6

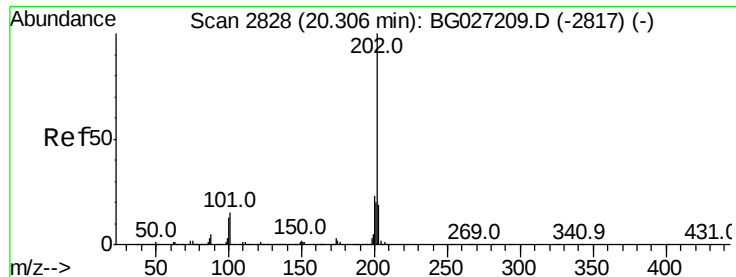


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.64 ng

RT: 20.29 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

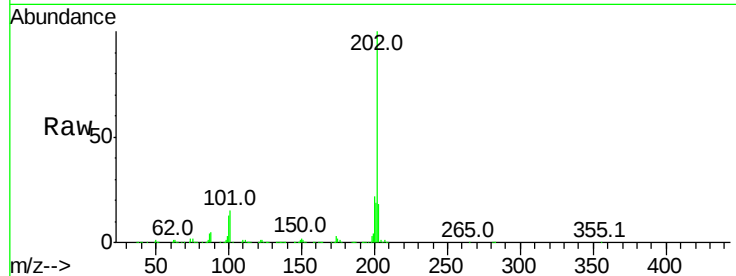
Tot Ion:202 Resp: 772804

Ion Ratio Lower Upper

202 100

200 21.9 19.6 29.4

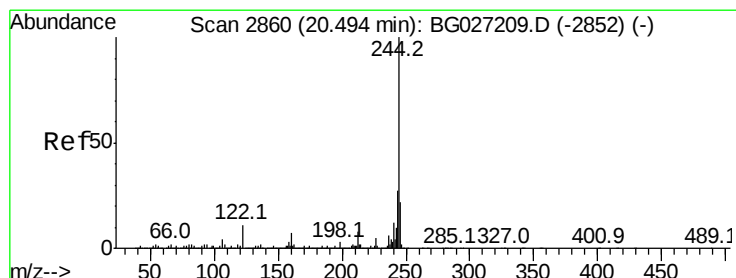
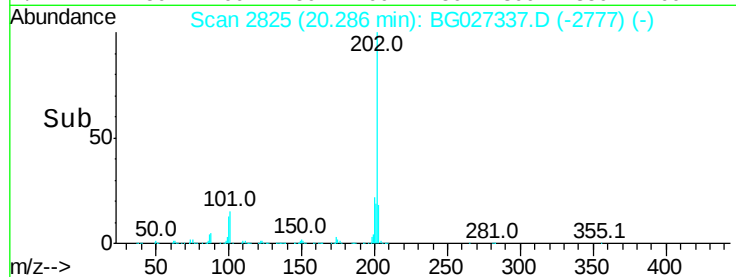
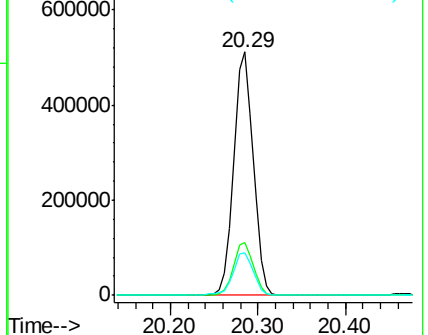
203 17.7 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.44 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

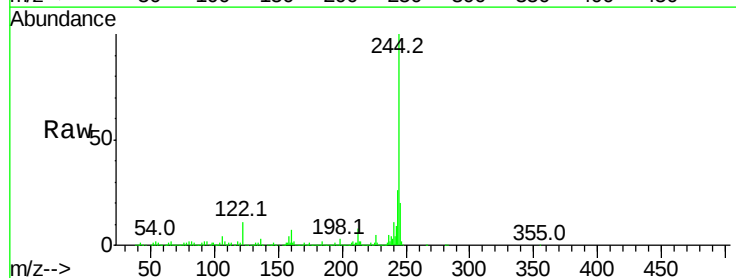
Tgt Ion:244 Resp: 1097414

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

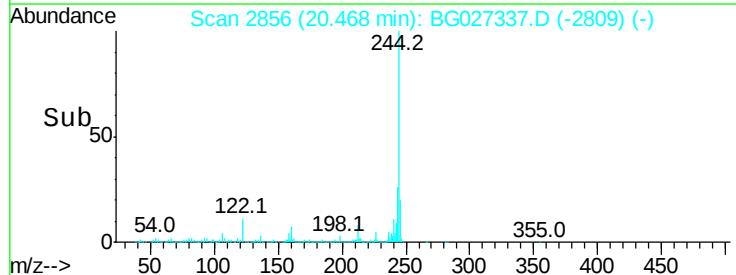
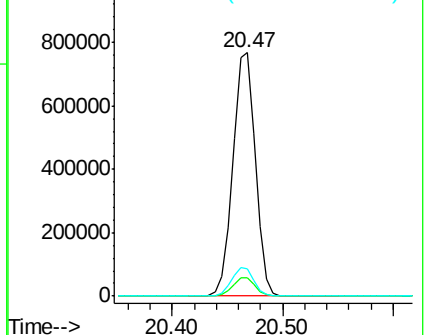
122 11.2 8.6 12.8



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

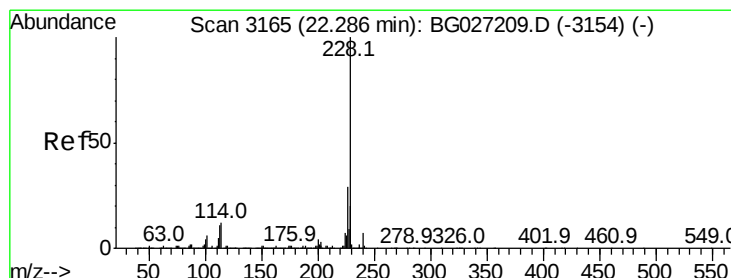
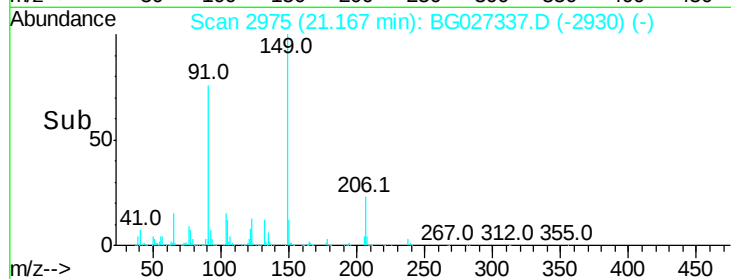
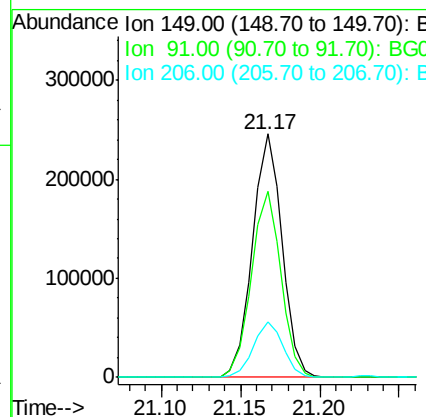
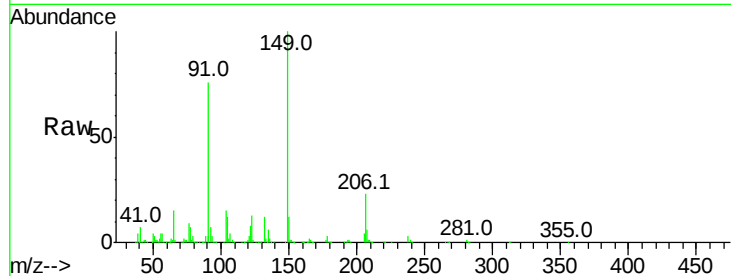




#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 21.17 min Scan# 2975
Delta R.T. -0.04 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

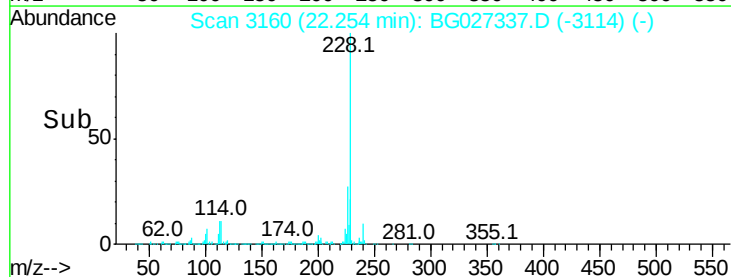
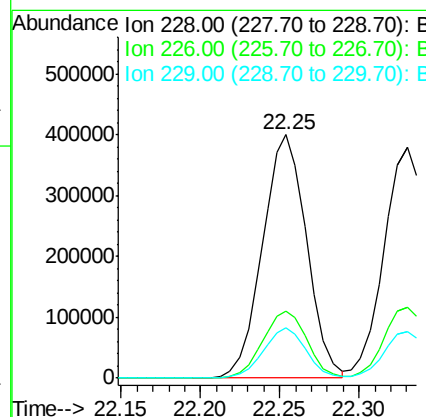
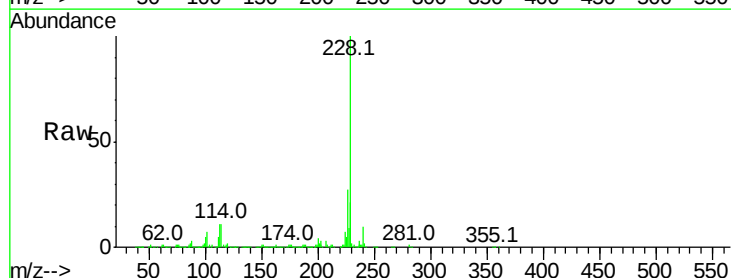
Instrument :
BNA_G
ClientSampleId :

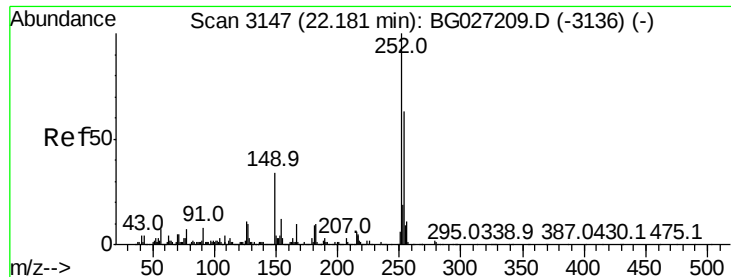
Tot Ion:149 Resp: 318771
Ion Ratio Lower Upper
149 100
91 76.2 63.5 95.3
206 22.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 34.44 ng
RT: 22.25 min Scan# 3160
Delta R.T. -0.03 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:228 Resp: 769728
Ion Ratio Lower Upper
228 100
226 27.5 24.9 37.3
229 20.5 18.2 27.2

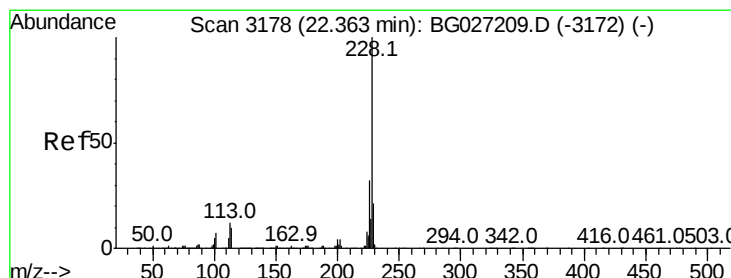
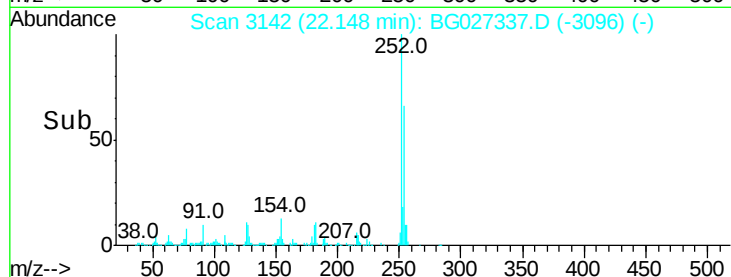
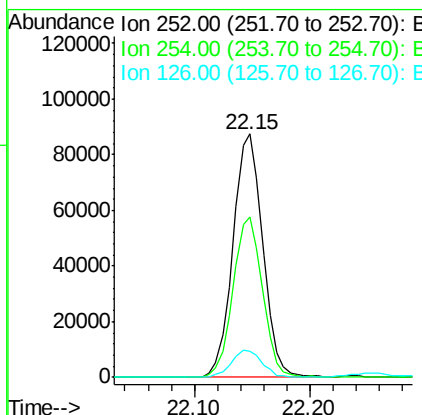
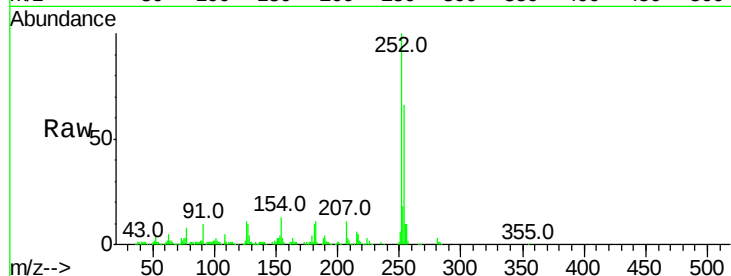




#81
 3,3'-Dichlorobenzidine
 Concen: 17.95 ng
 RT: 22.15 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

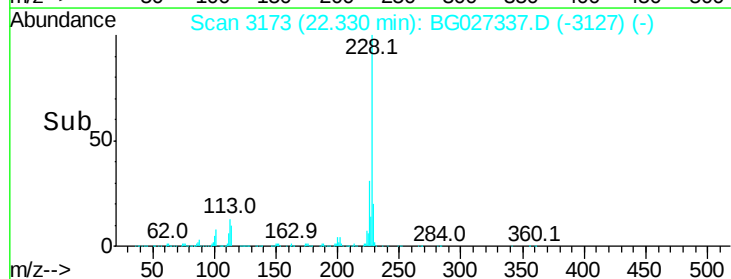
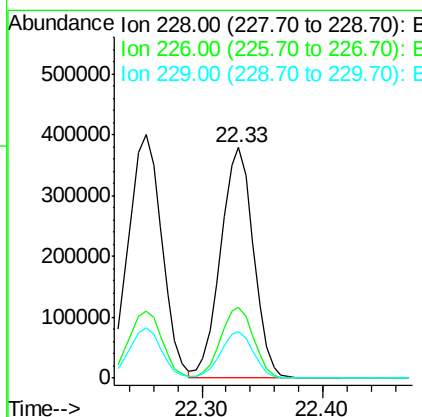
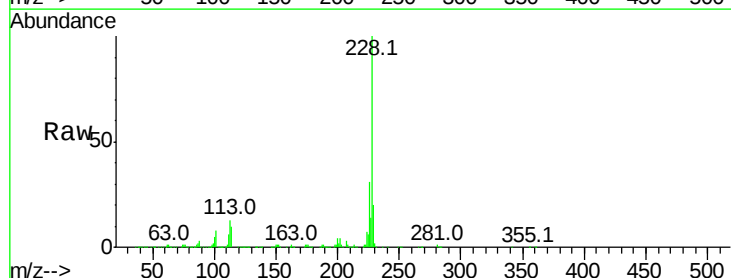
Instrument :
 BNA_G
 ClientSampled :

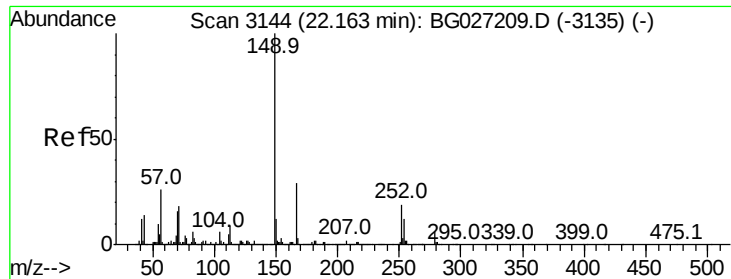
Tot Ion:252 Resp: 156081
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 10.9 7.0 10.4#



#82
 Chrysene
 Concen: 33.26 ng
 RT: 22.33 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion:228 Resp: 713615
 Ion Ratio Lower Upper
 228 100
 226 30.6 27.0 40.4
 229 20.4 17.8 26.6

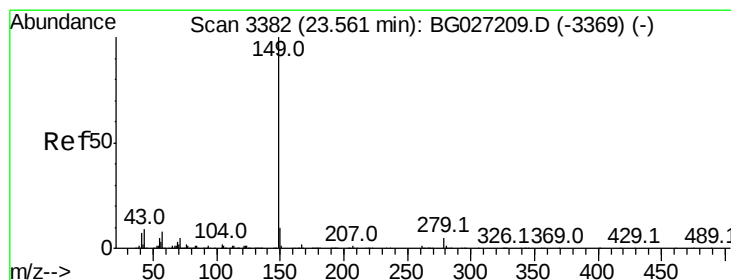
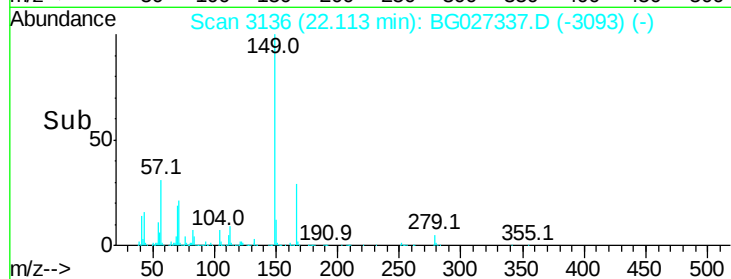
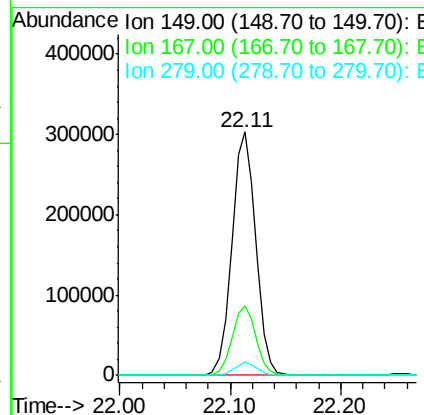
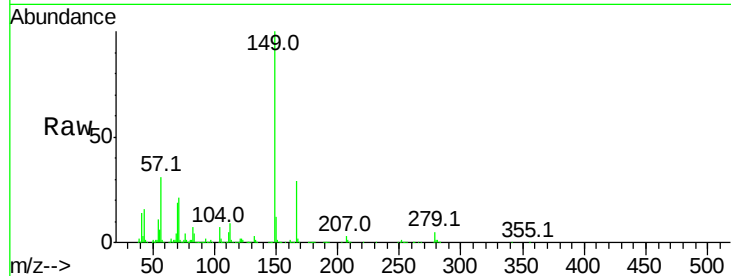




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.14 ng
 RT: 22.11 min Scan# 3136
 Delta R.T. -0.05 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

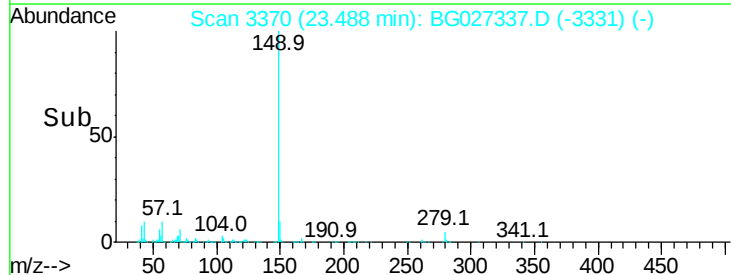
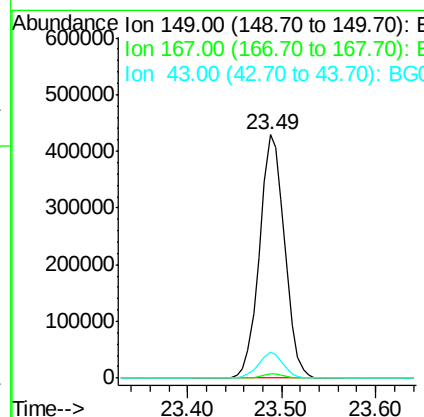
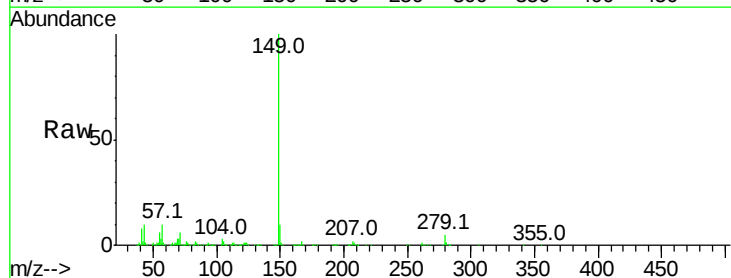
Instrument :
 BNA_G
 ClientSampleId :

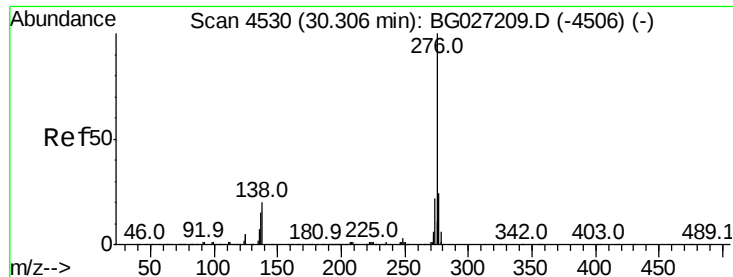
Tot Ion:149 Resp: 456968
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.7 35.5
 279 5.2 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 37.72 ng
 RT: 23.49 min Scan# 3370
 Delta R.T. -0.07 min
 Lab File: BG027337.D
 Acq: 9 Jun 2017 4:58

Tgt Ion:149 Resp: 789808
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 10.4 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.82 ng

RT: 30.22 min Scan# 4515

Delta R.T. -0.09 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

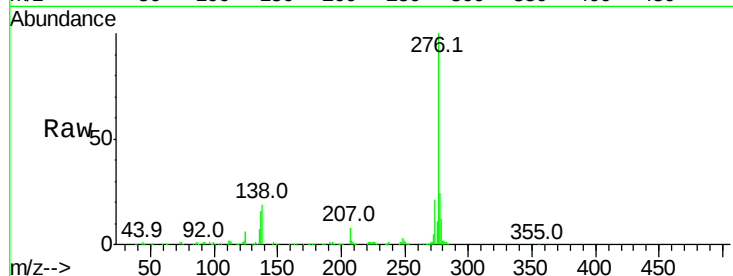
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 878845

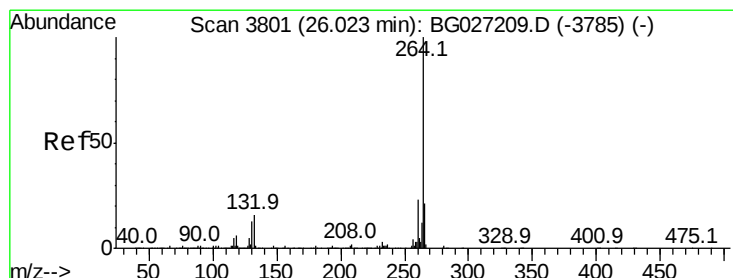
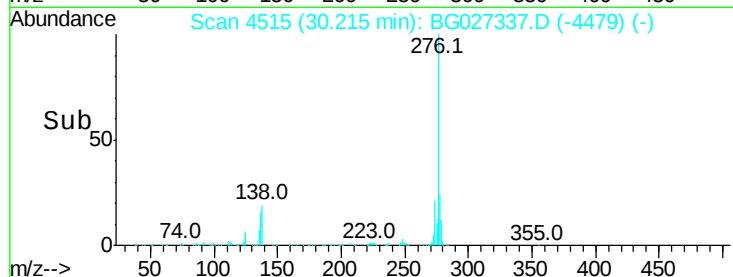
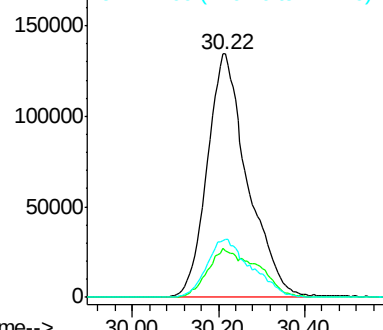
Ion	Ratio	Lower	Upper
276	100		
138	24.6	4.7	7.1#
277	26.3	20.6	31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.96 min Scan# 3791

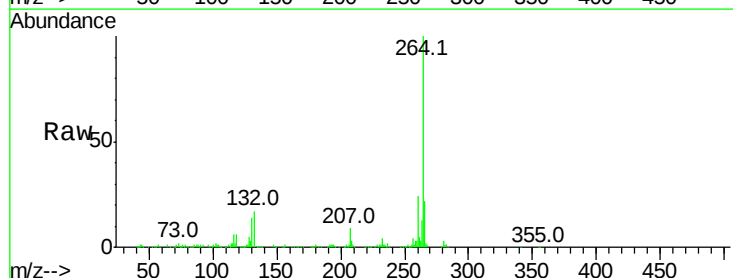
Delta R.T. -0.06 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Tgt Ion:264 Resp: 354274

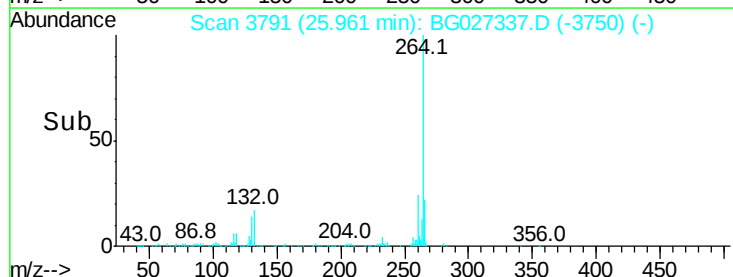
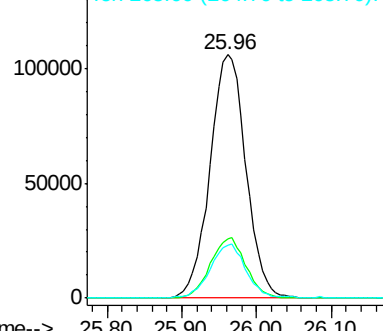
Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.8	18.2	27.4



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

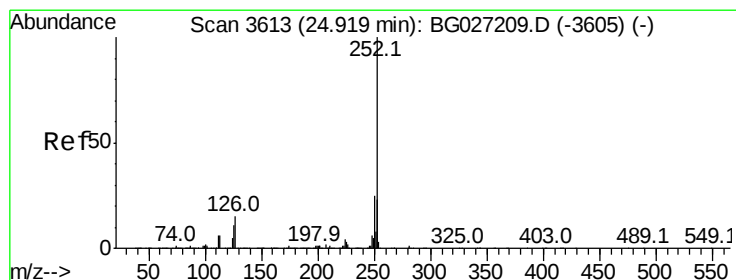
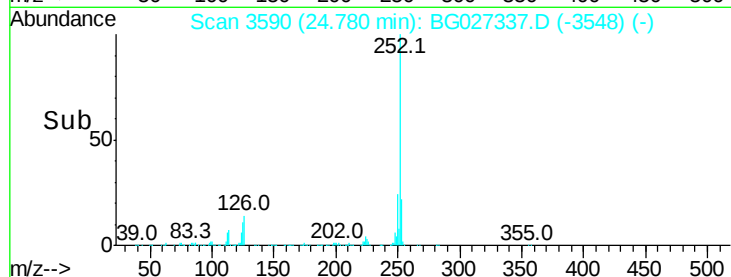
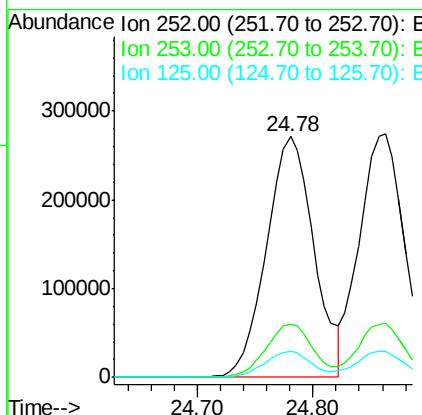
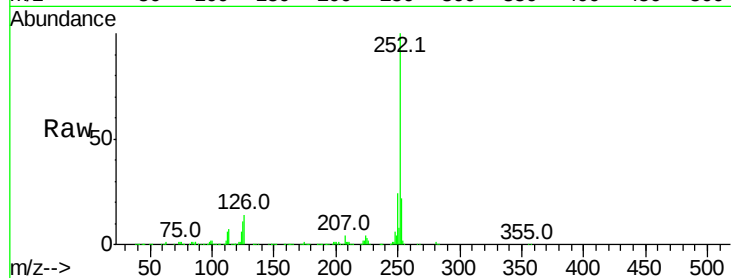




#87
Benzo(b)fluoranthene
Concen: 35.32 ng
RT: 24.78 min Scan# 3590
Delta R.T. -0.06 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

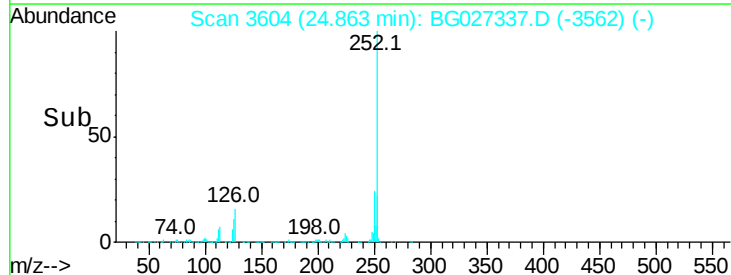
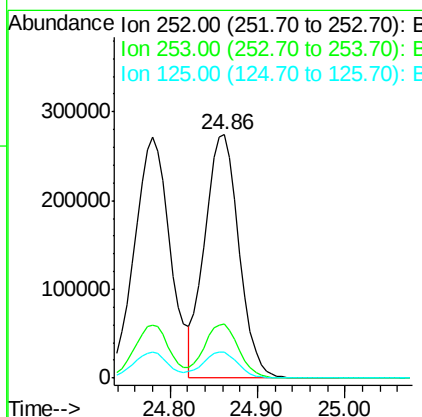
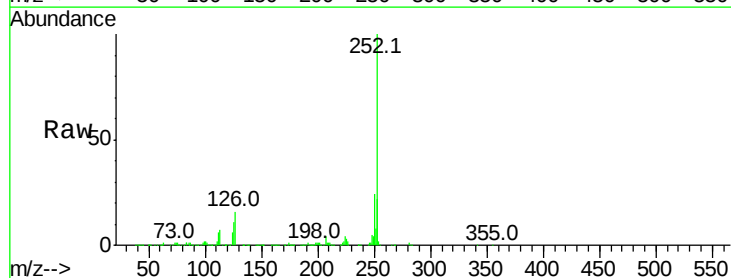
Instrument :
BNA_G
ClientSampleId :

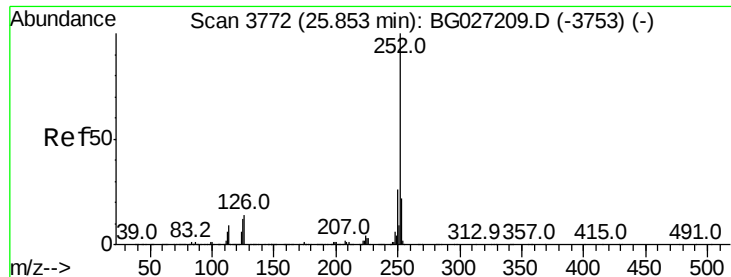
Tot Ion:252 Resp: 776079
Ion Ratio Lower Upper
252 100
253 22.1 18.7 28.1
125 10.8 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 34.53 ng
RT: 24.86 min Scan# 3604
Delta R.T. -0.06 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion:252 Resp: 744332
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 10.8 5.1 7.7#

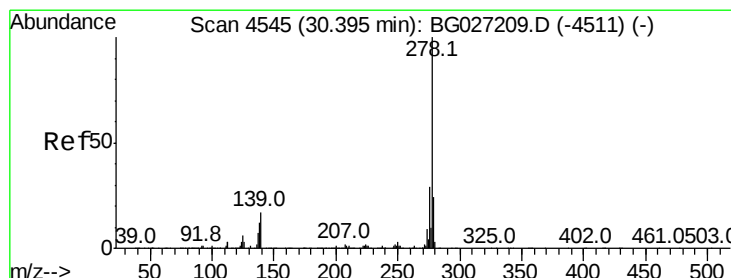
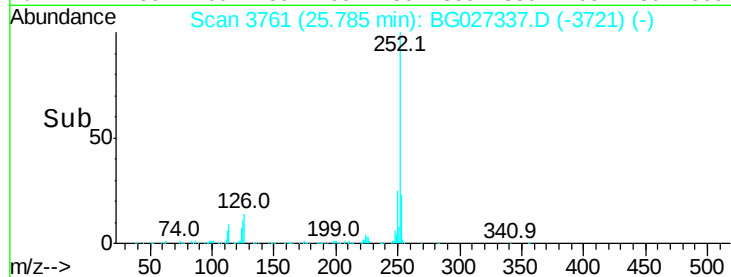
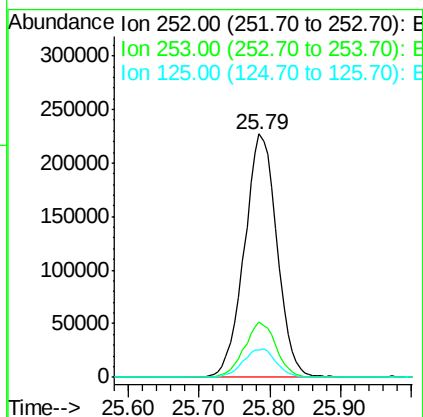
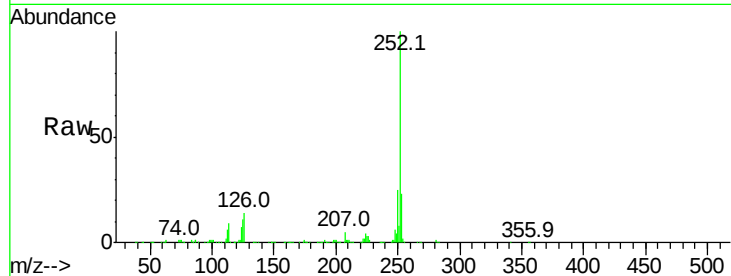




#89
Benzo(a)pyrene
Concen: 35.35 ng
RT: 25.79 min Scan# 3761
Delta R.T. -0.07 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

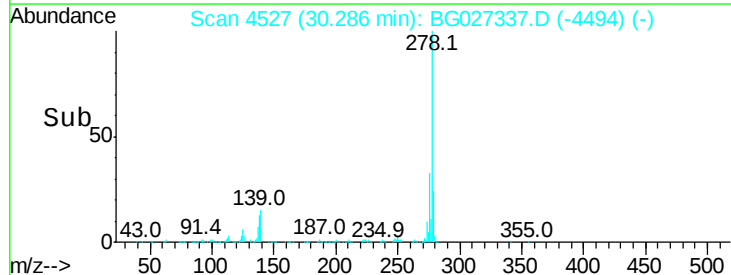
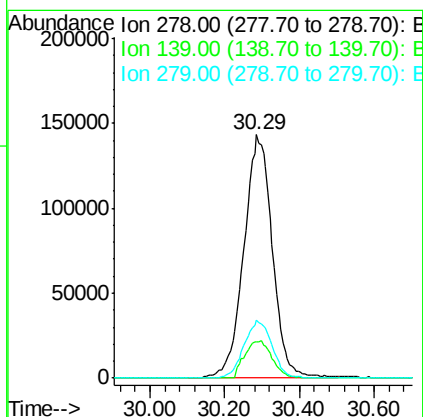
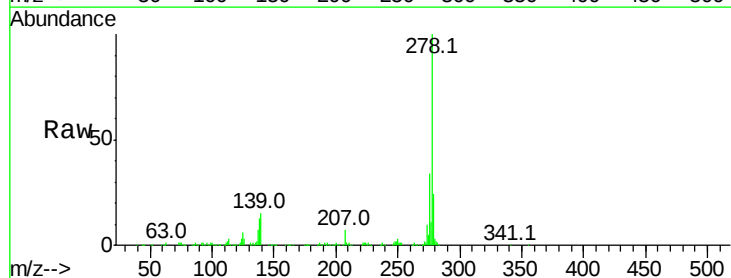
Instrument :
BNA_G
ClientSampleId :

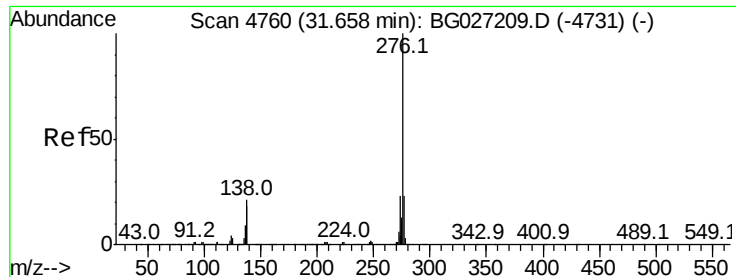
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.2	28.8
125	11.4	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 35.07 ng
RT: 30.29 min Scan# 4527
Delta R.T. -0.11 min
Lab File: BG027337.D
Acq: 9 Jun 2017 4:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	7.7	11.5
279	23.9	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 34.24 ng

RT: 31.55 min Scan# 4743

Delta R.T. -0.10 min

Lab File: BG027337.D

Acq: 9 Jun 2017 4:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 718074

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 20.5 8.1 12.1#

