

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027265.D
 Acq On : 7 Jun 2017 1:23
 Operator : SJ/MA
 Sample : I3466-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

Quant Time: Jun 07 05:19:49 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	53836	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	254720	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	166592	20.00	ng	-0.02
63) Phenanthrene-d10	17.90	188	395840	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	455809	20.00	ng	-0.02
86) Perylene-d12	25.98	264	357033	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	514235	145.76	ng	0.00
7) Phenol-d6	7.70	99	691885	133.60	ng	0.00
23) Nitrobenzene-d5	9.73	82	429913	106.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	359588	163.92	ng	-0.02
44) 2-Fluorobiphenyl	13.78	172	1044199	87.69	ng	-0.02
78) Terphenyl-d14	20.47	244	1683168	94.20	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.17	88	49046	33.53	ng	# 85
3) Pyridine	4.58	79	106594	23.64	ng	# 76
4) n-Nitrosodimethylamine	4.45	42	70360	42.14	ng	# 48
6) Aniline	7.91	93	29798	4.57	ng	# 87
8) 2-Chlorophenol	8.13	128	187872	50.43	ng	88
9) Benzaldehyde	7.71	77	77377	21.61	ng	81
10) Phenol	7.72	94	243350	45.95	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	196421	45.21	ng	# 83
12) 1,3-Dichlorobenzene	8.46	146	164039	39.04	ng	# 91
13) 1,4-Dichlorobenzene	8.60	146	169577	39.32	ng	98
14) 1,2-Dichlorobenzene	8.92	146	168511	40.06	ng	94
15) Benzyl Alcohol	8.79	79	132232	36.24	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	9.07	45	277273	44.60	ng	92
17) 2-Methylphenol	8.98	107	178669	47.73	ng	# 86
18) Hexachloroethane	9.66	117	58196	40.06	ng	89
19) n-Nitroso-di-n-propylamine	9.36	70	161470	44.57	ng	# 86
20) 3+4-Methylphenols	9.30	107	247179	47.67	ng	90
22) Acetophenone	9.38	105	297645	45.69	ng	# 83
24) Nitrobenzene	9.77	77	226939	49.18	ng	# 86
25) Isophorone	10.29	82	451806	47.44	ng	# 96
26) 2-Nitrophenol	10.49	139	97464	50.75	ng	# 75
27) 2,4-Dimethylphenol	10.52	122	217381	53.09	ng	90
28) bis(2-Chloroethoxy)methane	10.76	93	267752	43.42	ng	99
29) 2,4-Dichlorophenol	11.01	162	199203	53.29	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	176030	42.53	ng	98
31) Naphthalene	11.44	128	662720	47.60	ng	100
32) Benzoic acid	10.63	122	125248	44.85	ng	# 84
34) Hexachlorobutadiene	11.71	225	104064	40.91	ng	96
35) Caprolactam	12.31	113	36664	28.60	ng	# 74
36) 4-Chloro-3-methylphenol	12.60	107	247958	52.92	ng	94
37) 2-Methylnaphthalene	13.22	142	439257	43.26	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	219801	42.35	ng	98
40) Hexachlorocyclopentadiene	13.33	237	277309	100.39	ng	96
42) 2,4,6-Trichlorophenol	13.59	196	162668	51.68	ng	95

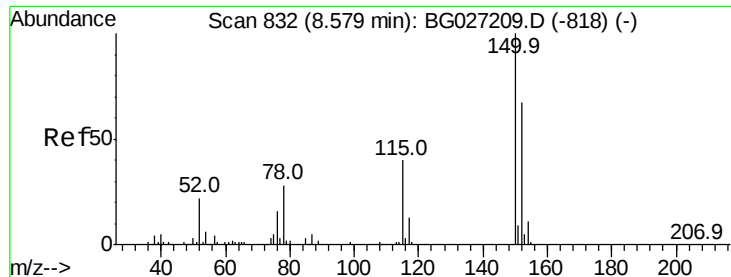
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 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	182722	51.87	nq	94
45) 1,1'-Biphenyl	13.99	154	608825	44.77	nq	96
46) 2-Chloronaphthalene	14.03	162	461536	45.27	nq	99
47) 2-Nitroaniline	14.23	65	141479	48.69	nq	# 81
48) Acenaphthylene	14.87	152	761888	44.16	nq	98
49) Dimethylphthalate	14.59	163	641451	48.54	nq	98
50) 2,6-Dinitrotoluene	14.71	165	137893	50.97	nq	# 74
51) Acenaphthene	15.21	154	560813	49.97	nq	100
52) 3-Nitroaniline	15.04	138	24793	13.47	nq	89
53) 2,4-Dinitrophenol	15.24	184	157388	106.11	nq	97
54) Dibenzofuran	15.54	168	756162	48.21	nq	92
55) 4-Nitrophenol	15.33	139	217038	86.41	nq	# 53
56) 2,4-Dinitrotoluene	15.49	165	191711	54.68	nq	# 85
57) Fluorene	16.19	166	624809	44.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.76	232	176201	56.04	nq	100
59) Diethylphthalate	15.94	149	645221	48.95	nq	98
60) 4-Chlorophenyl-phenylether	16.17	204	319434	45.52	nq	93
61) 4-Nitroaniline	16.20	138	79131	30.25	nq	# 63
62) Azobenzene	16.47	77	618161	50.60	nq	90
64) 4,6-Dinitro-2-methylphenol	16.25	198	106427	56.78	nq	94
65) n-Nitrosodiphenylamine	16.38	169	225224	18.15	nq	100
66) 4-Bromophenyl-phenylether	17.07	248	214409	45.76	nq	97
67) Hexachlorobenzene	17.19	284	227549	45.16	nq	91
68) Atrazine	17.32	200	16046	3.87	nq	98
69) Pentachlorophenol	17.54	266	290635	98.39	nq	99
70) Phenanthrene	17.94	178	1030596	46.28	nq	96
71) Anthracene	18.04	178	1029040	46.12	nq	99
72) Carbazole	18.29	167	422458	20.07	nq	95
73) Di-n-butylphthalate	18.82	149	1092649	53.55	nq	# 94
74) Fluoranthene	19.93	202	1163104	48.89	nq	94
77) Pyrene	20.29	202	1192802	43.31	nq	98
79) Butylbenzylphthalate	21.18	149	485376	49.88	nq	91
80) Benzo(a)anthracene	22.27	228	1186761	45.66	nq	96
82) Chrysene	22.34	228	1119299	44.85	nq	97
83) Bis(2-ethylhexyl)phthalate	22.13	149	710743	48.33	nq	100
84) Di-n-octyl phthalate	23.51	149	1182273	48.54	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.24	276	1347607	44.59	nq	# 94
87) Benzo(b)fluoranthene	24.80	252	1216563	54.94	nq	# 97
88) Benzo(k)fluoranthene	24.88	252	1169401	53.83	nq	# 93
89) Benzo(a)pyrene	25.81	252	1081011	51.86	nq	# 94
90) Dibenzo(a,h)anthracene	30.33	278	1193467	54.69	nq	# 95
91) Benzo(g,h,i)perylene	31.59	276	1070709	50.67	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

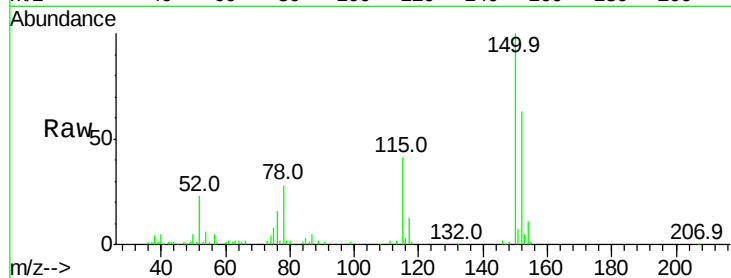
Tot Ion:152 Resp: 53836

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

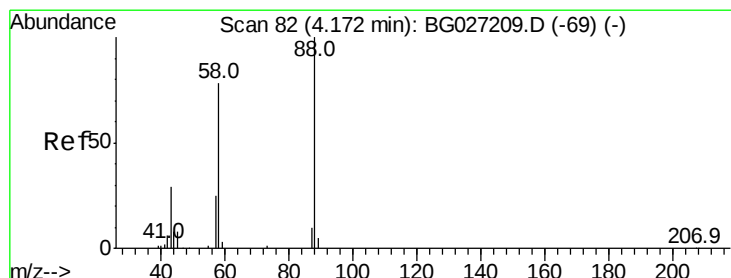
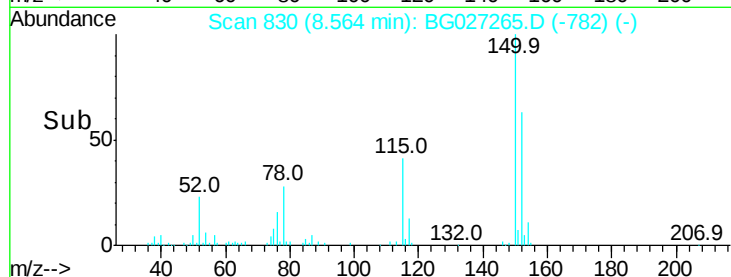
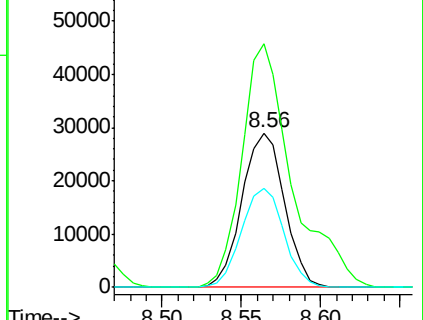
115 64.1 48.1 72.1



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: 33.53 ng

RT: 4.17 min Scan# 82

Delta R.T. -0.00 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

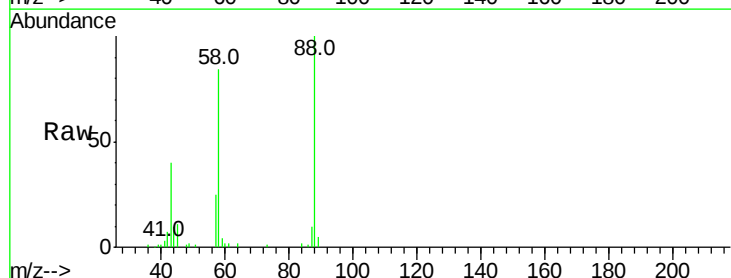
Tgt Ion: 88 Resp: 49046

Ion Ratio Lower Upper

88 100

58 78.4 79.4 119.2#

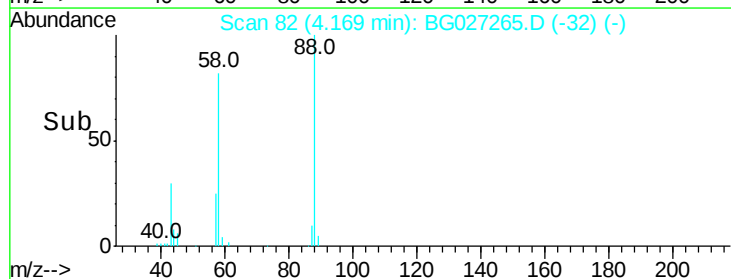
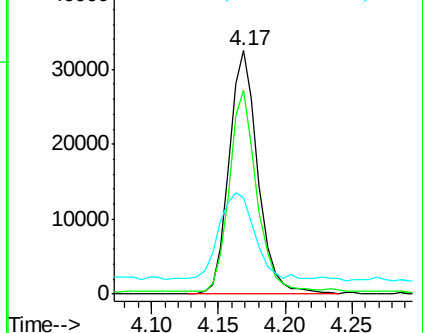
43 43.2 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.64 ng

RT: 4.58 min Scan# 152

Delta R.T. 0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

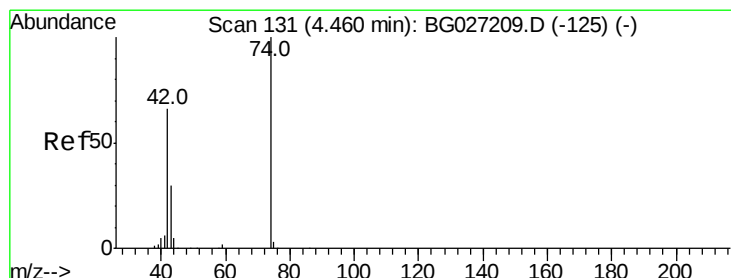
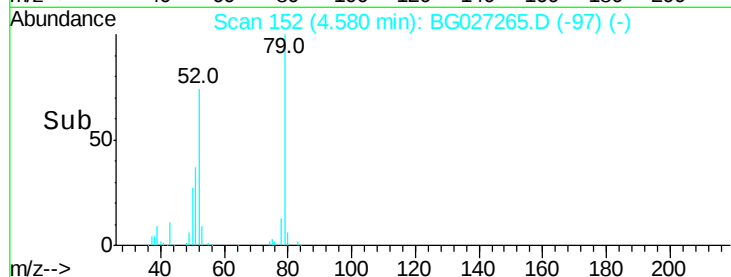
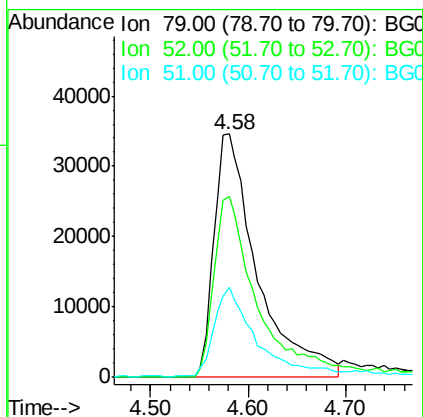
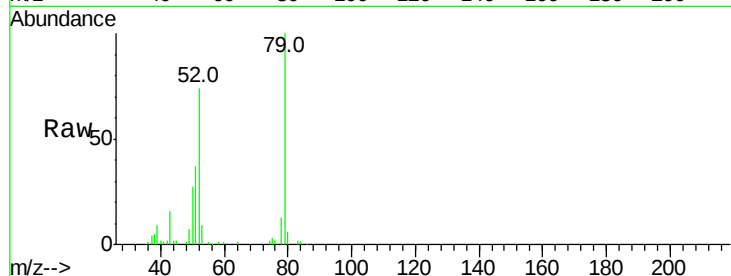
Tot Ion: 79 Resp: 106594

Ion Ratio Lower Upper

79 100

52 74.2 77.8 116.6#

51 37.0 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 42.14 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

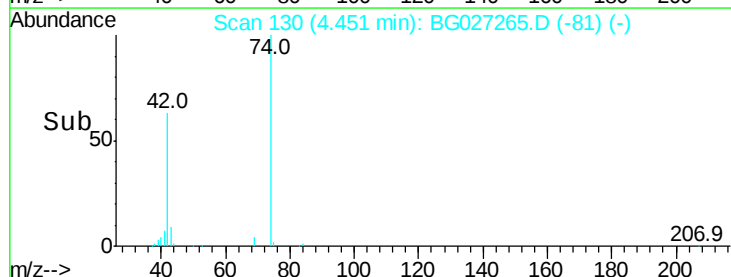
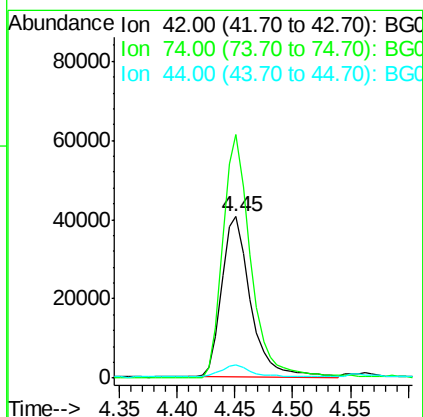
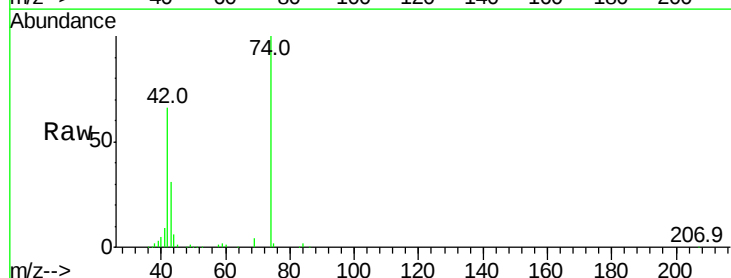
Tgt Ion: 42 Resp: 70360

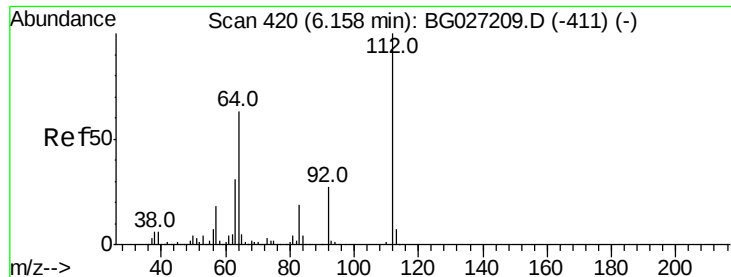
Ion Ratio Lower Upper

42 100

74 150.9 76.7 115.1#

44 8.6 6.1 9.1





#5

2-Fluorophenol

Concen: 145.76 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

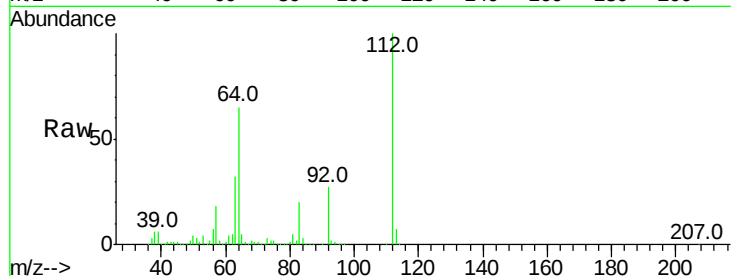
Tot Ion:112 Resp: 514235

Ion Ratio Lower Upper

112 100

64 64.6 61.8 92.6

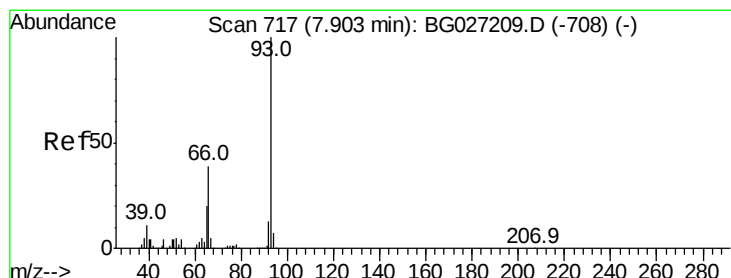
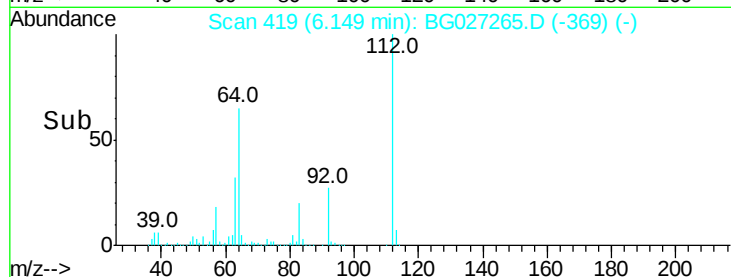
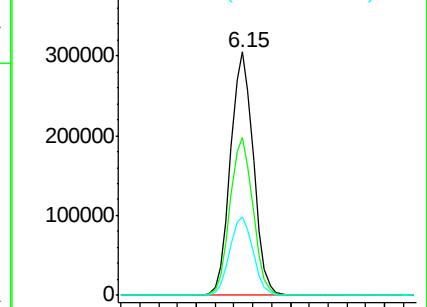
63 32.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 4.57 ng

RT: 7.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

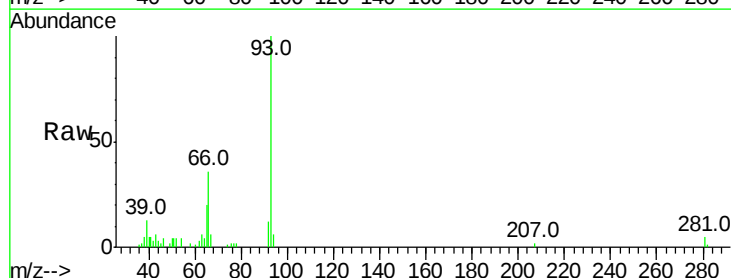
Tgt Ion: 93 Resp: 29798

Ion Ratio Lower Upper

93 100

66 36.2 35.4 53.2

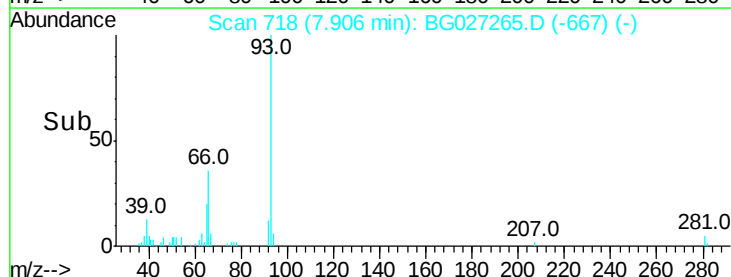
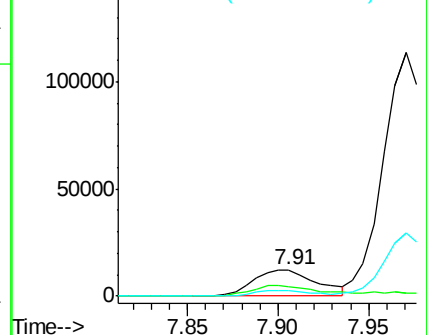
65 19.9 21.2 31.8#

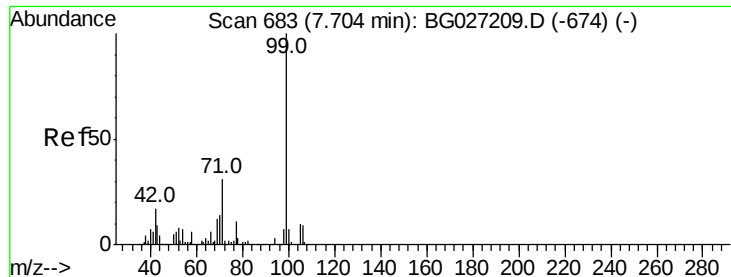


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.60 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

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ClientSampleId :

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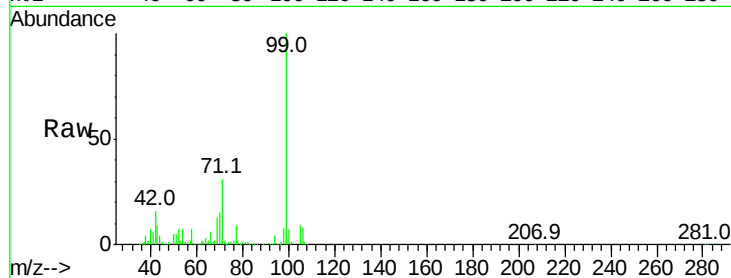
Tot Ion: 99 Resp: 691885

Ion Ratio Lower Upper

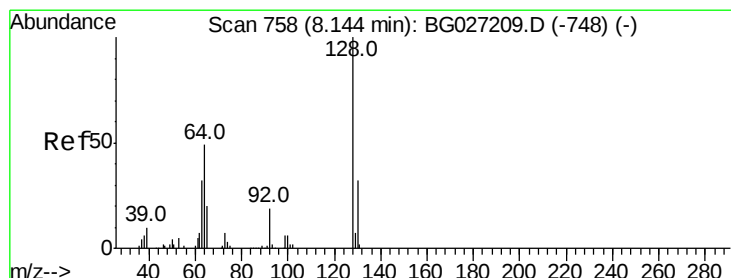
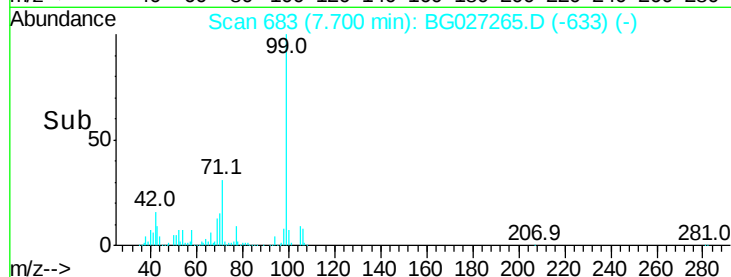
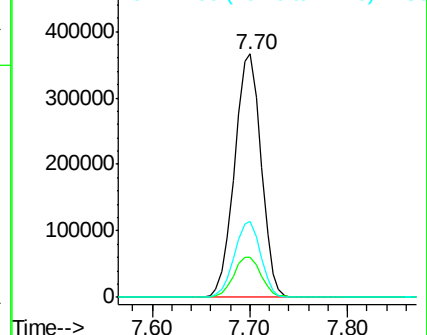
99 100

42 16.2 20.5 30.7#

71 31.3 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: 50.43 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

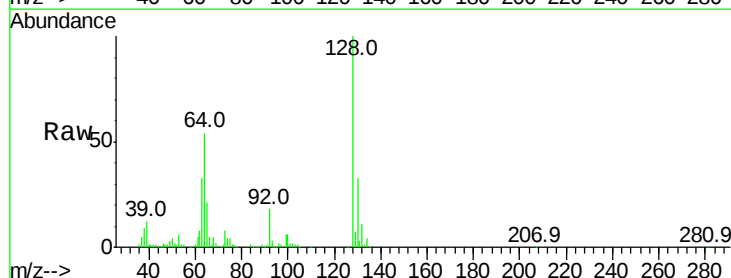
Tgt Ion: 128 Resp: 187872

Ion Ratio Lower Upper

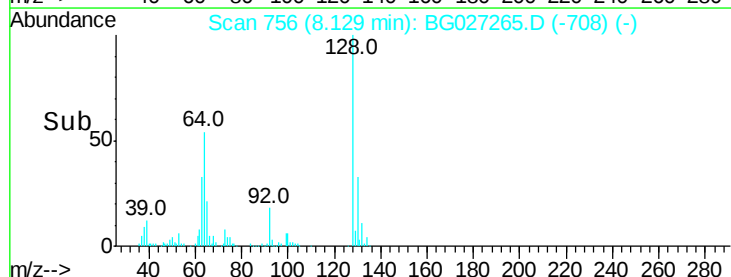
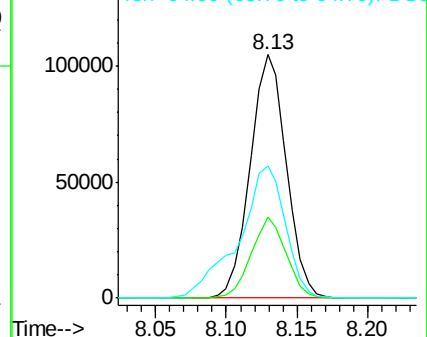
128 100

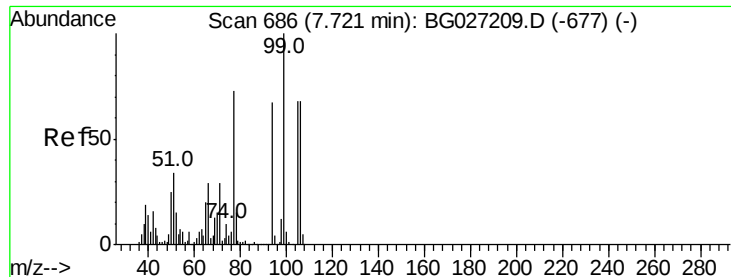
130 33.2 11.4 51.4

64 54.2 46.6 86.6



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





#9

Benzaldehyde

Concen: 21.61 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

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SU-RO-230-060217MS

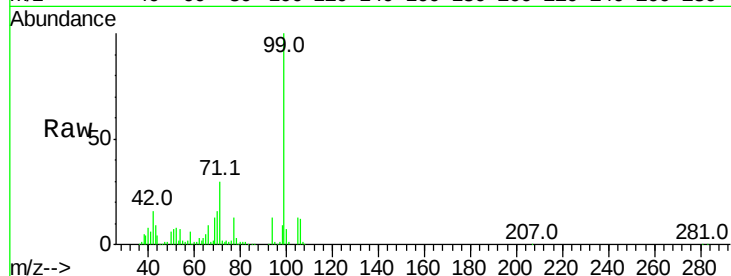
Tot Ion: 77 Resp: 77377

Ion Ratio Lower Upper

77 100

105 97.1 60.9 100.9

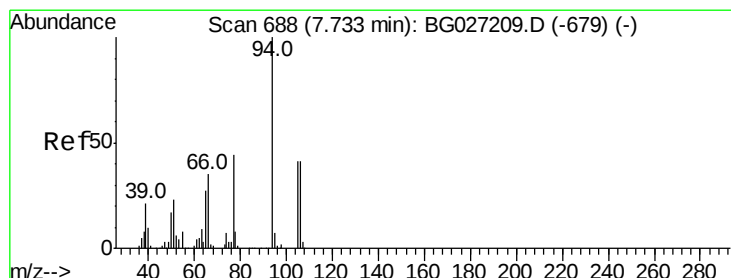
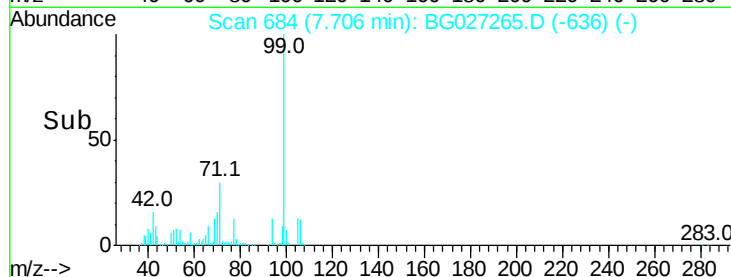
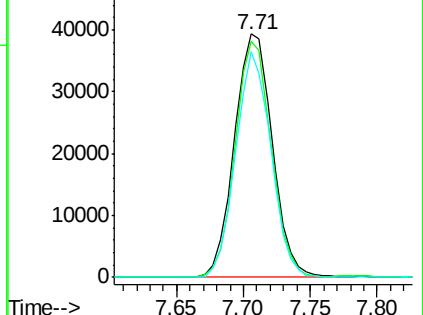
106 92.6 55.1 95.1



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: 45.95 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

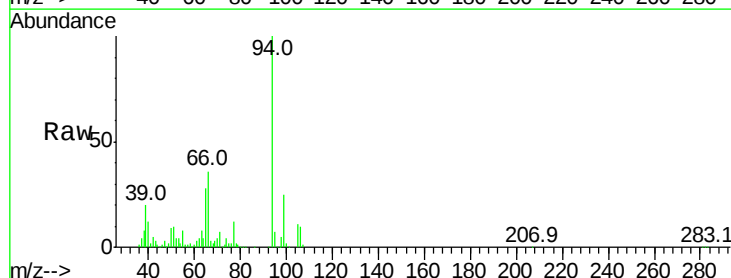
Tgt Ion: 94 Resp: 243350

Ion Ratio Lower Upper

94 100

65 28.4 20.6 60.6

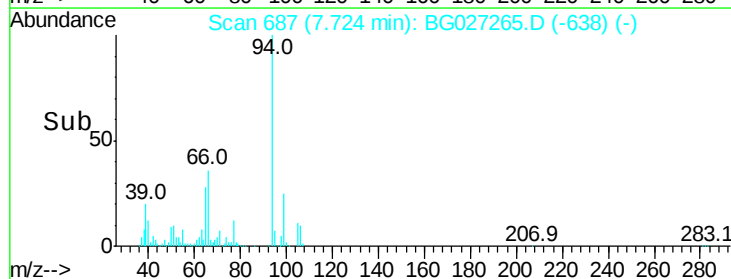
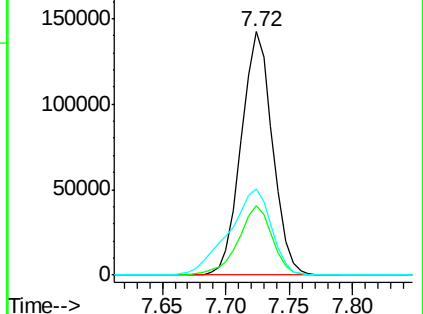
66 35.6 35.5 75.5

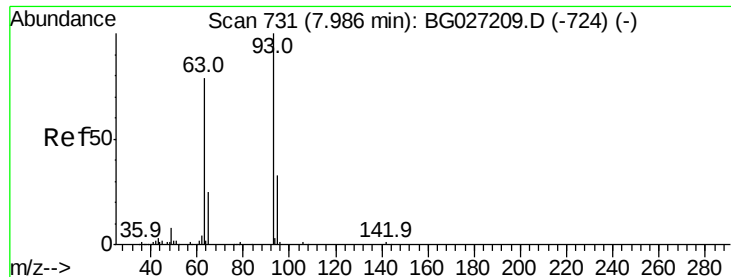


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.21 ng

RT: 7.97 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

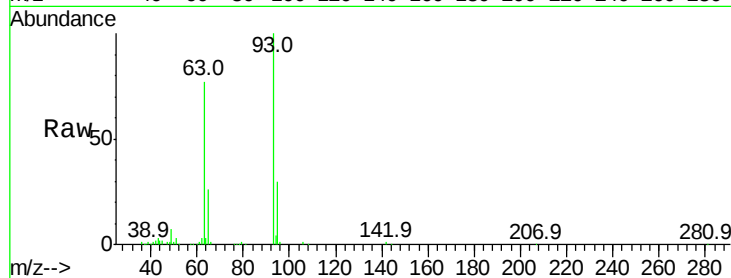
Tot Ion: 93 Resp: 196421

Ion Ratio Lower Upper

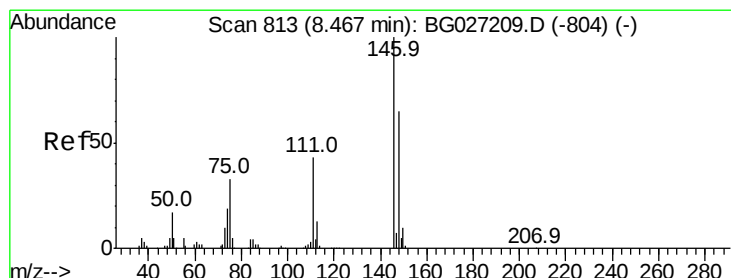
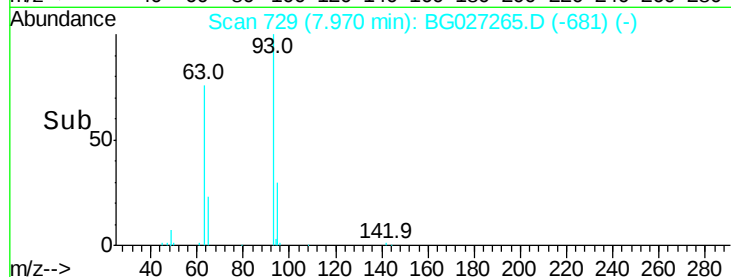
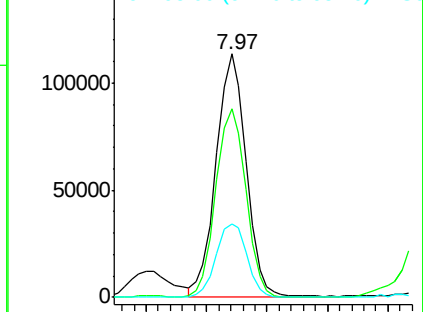
93 100

63 77.3 78.5 118.5#

95 30.3 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 39.04 ng

RT: 8.46 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

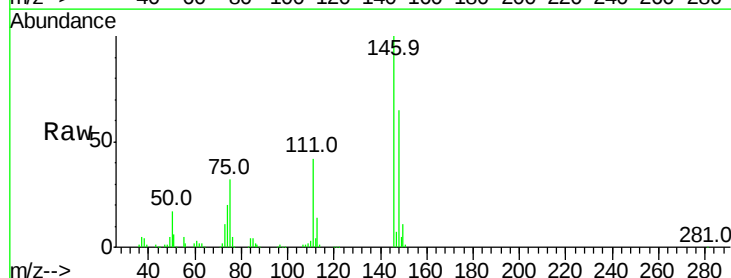
Tgt Ion: 146 Resp: 164039

Ion Ratio Lower Upper

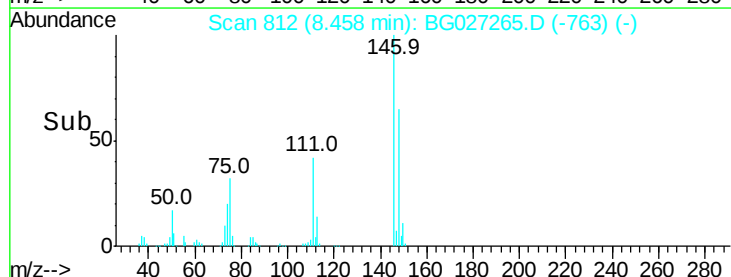
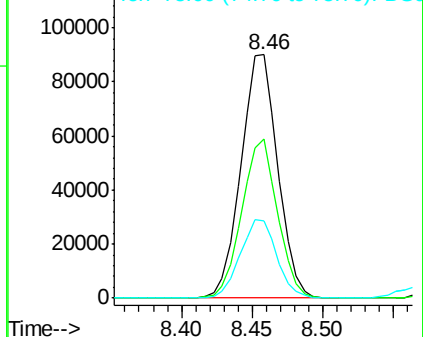
146 100

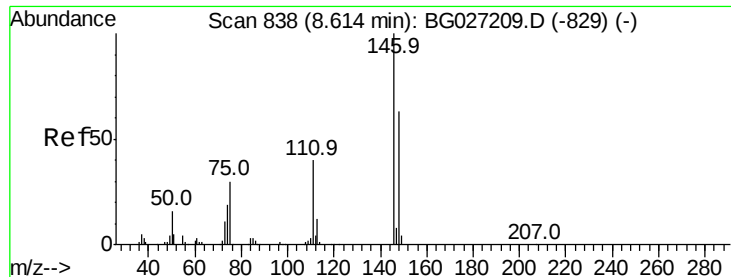
148 65.1 49.2 73.8

75 31.5 33.4 50.2#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

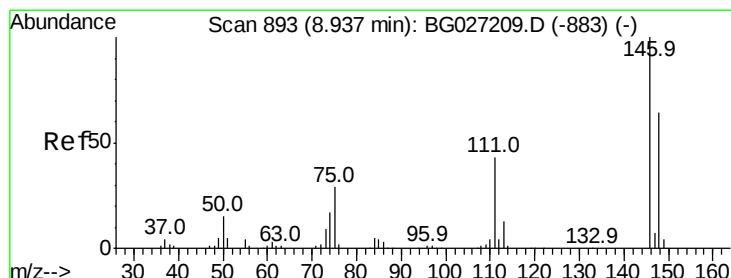
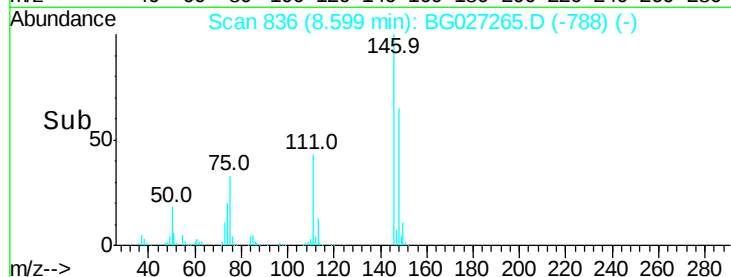
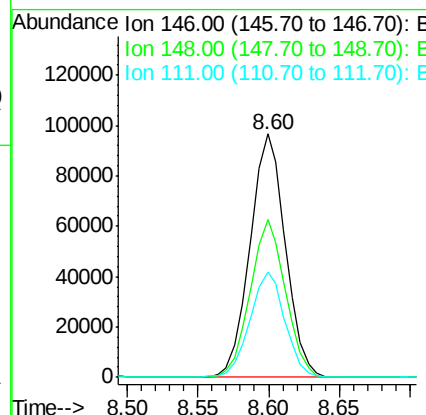
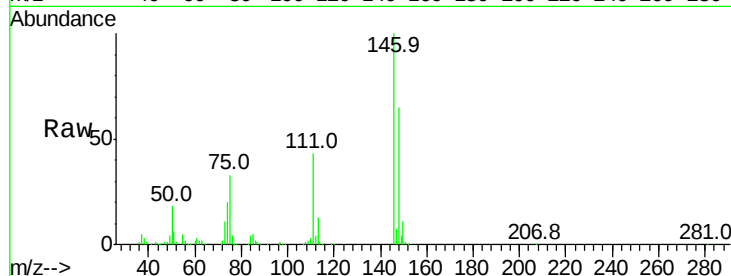




#13
1,4-Dichlorobenzene
Concen: 39.32 ng
RT: 8.60 min Scan# 836
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

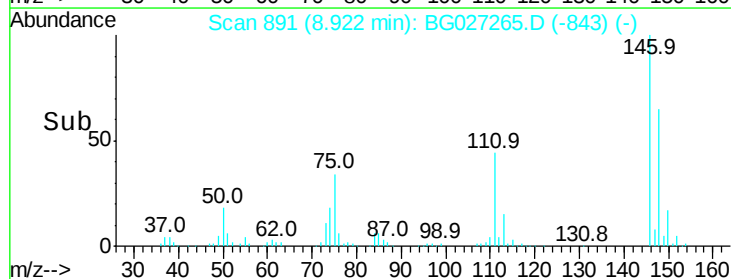
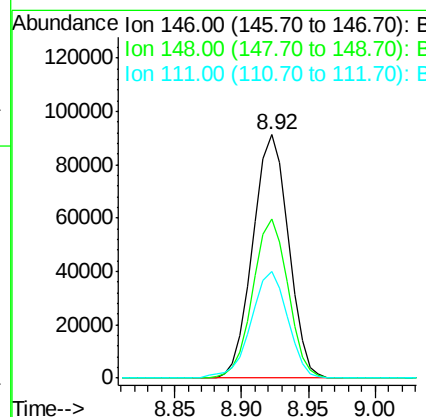
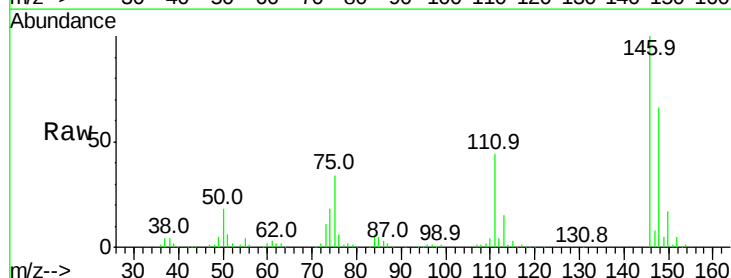
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

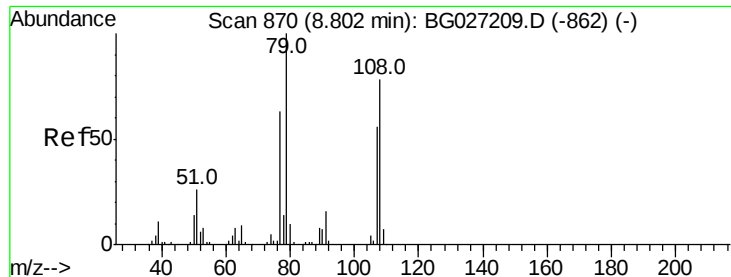
Tot Ion:146 Resp: 169577
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 43.1 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 40.06 ng
RT: 8.92 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:146 Resp: 168511
Ion Ratio Lower Upper
146 100
148 65.6 54.6 81.8
111 43.6 39.7 59.5





#15

Benzyl Alcohol

Concen: 36.24 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

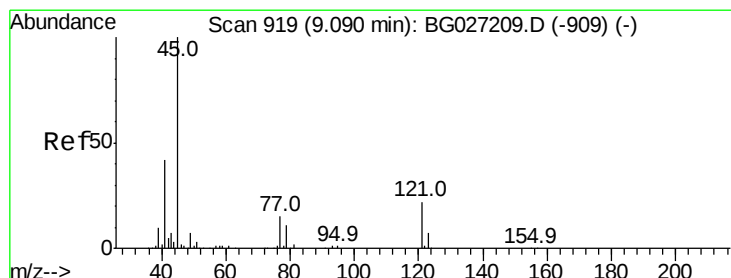
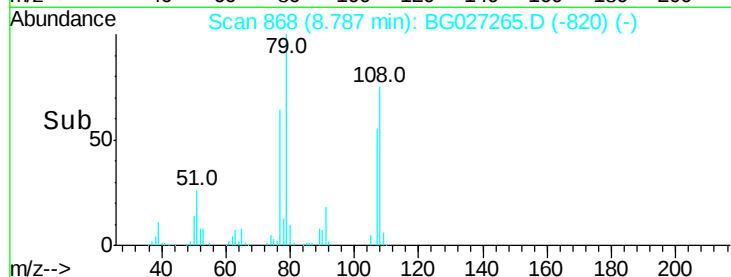
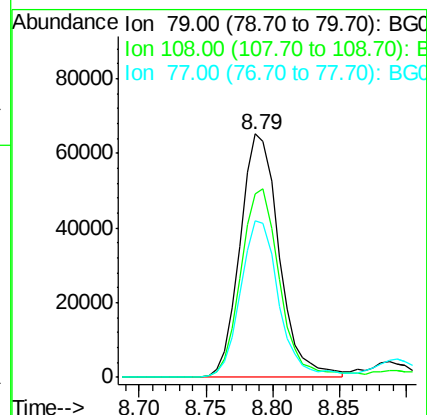
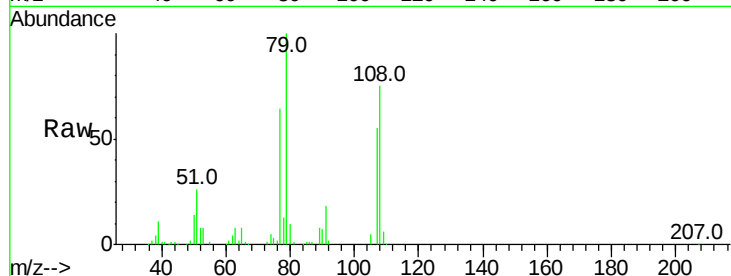
Tot Ion: 79 Resp: 132232

Ion Ratio Lower Upper

79 100

108 75.1 45.5 68.3#

77 64.1 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.60 ng

RT: 9.07 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

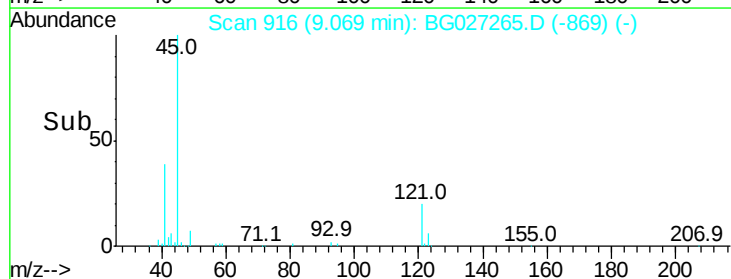
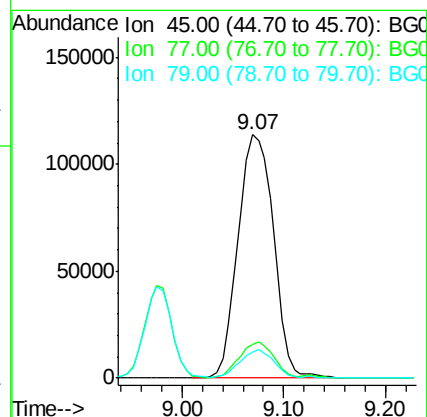
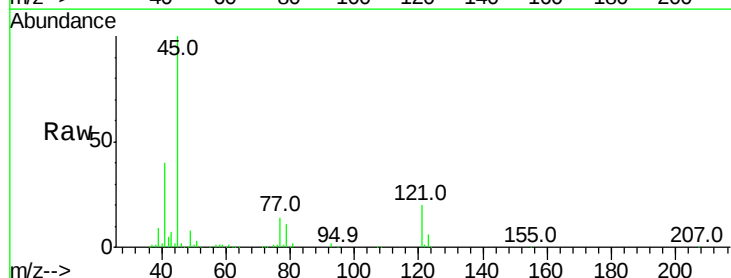
Tgt Ion: 45 Resp: 277273

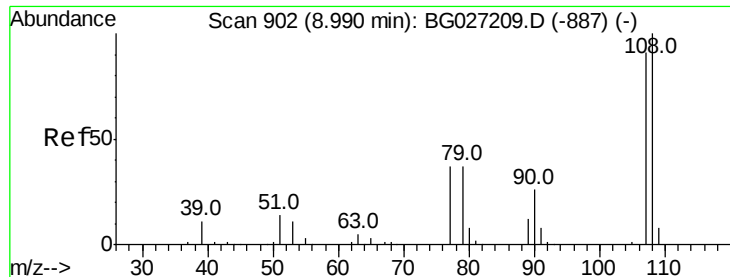
Ion Ratio Lower Upper

45 100

77 14.0 0.0 30.6

79 10.8 0.0 28.5





#17

2-Methylphenol

Concen: 47.73 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

Tot Ion:107 Resp: 178669

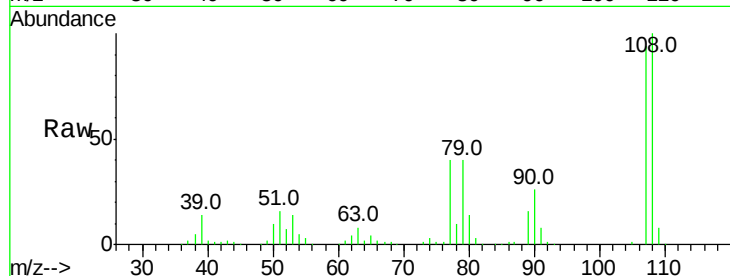
Ion Ratio Lower Upper

107 100

108 106.7 85.6 128.4

77 42.9 51.4 77.2#

79 42.6 49.2 73.8#

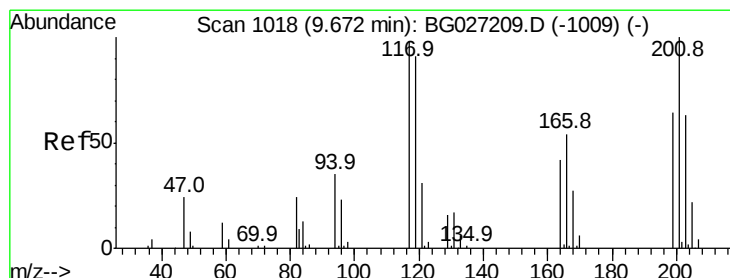
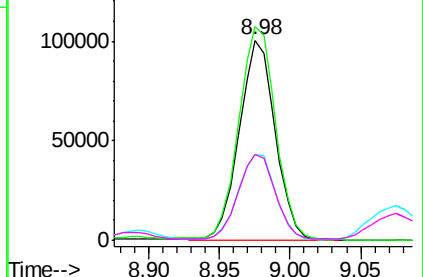
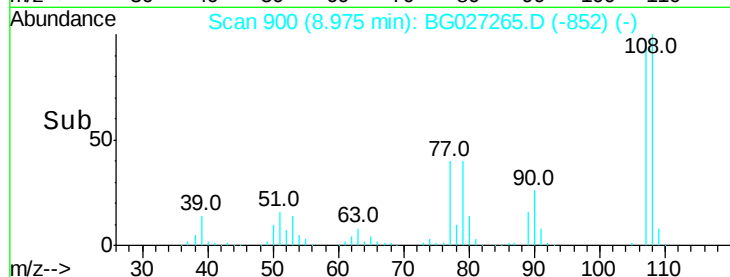


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.06 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

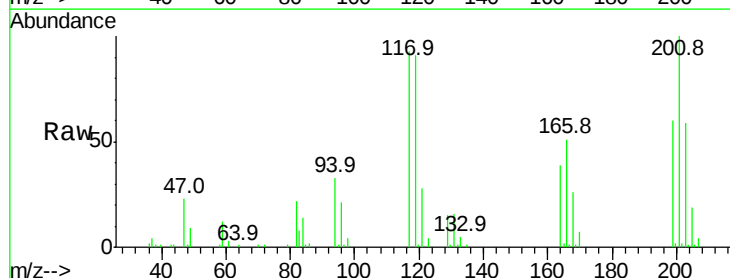
Tgt Ion:117 Resp: 58196

Ion Ratio Lower Upper

117 100

119 97.8 69.8 104.6

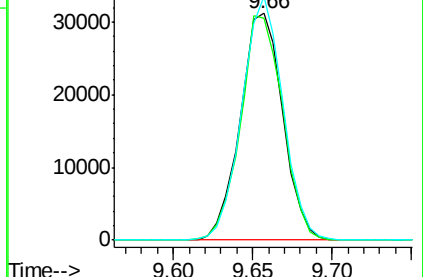
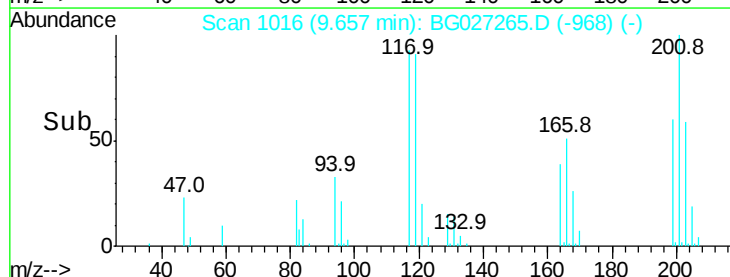
201 107.3 95.4 143.0

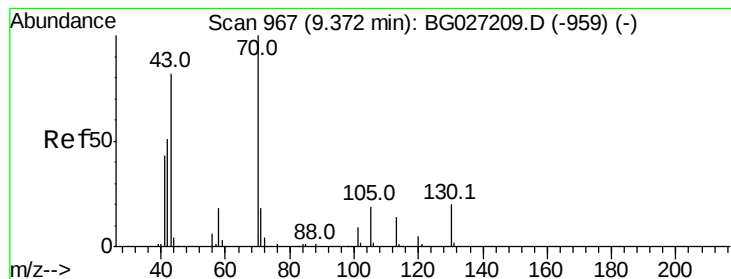


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.57 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

Tot Ion: 70 Resp: 161470

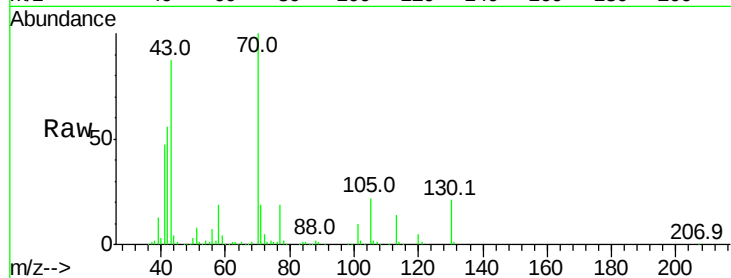
Ion Ratio Lower Upper

70 100

42 55.8 56.1 84.1#

101 9.7 7.5 11.3

130 21.0 14.6 21.8

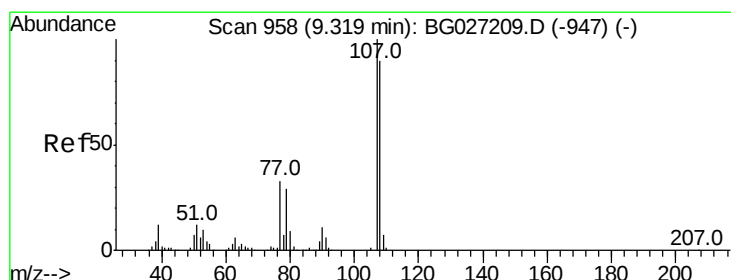
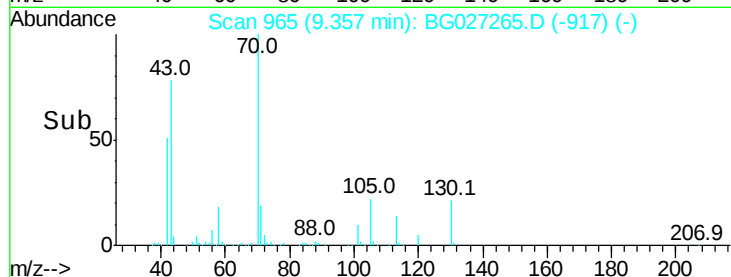
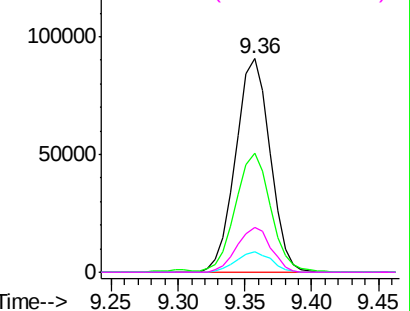


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 47.67 ng

RT: 9.30 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Tgt Ion: 107 Resp: 247179

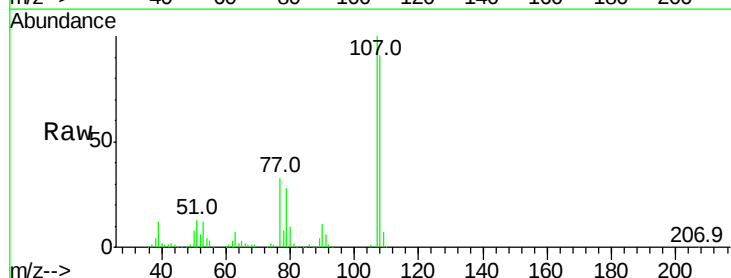
Ion Ratio Lower Upper

107 100

108 90.7 70.8 110.8

77 32.5 25.8 65.8

79 27.9 20.1 60.1

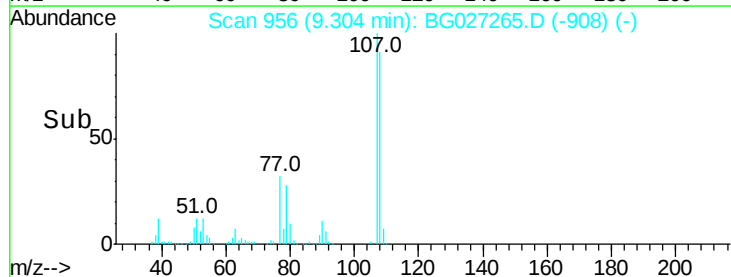
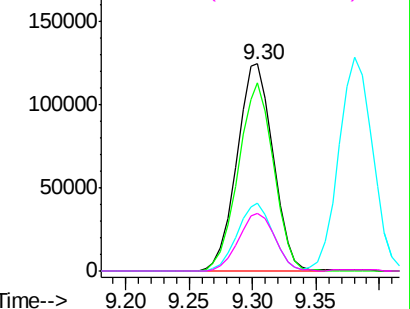


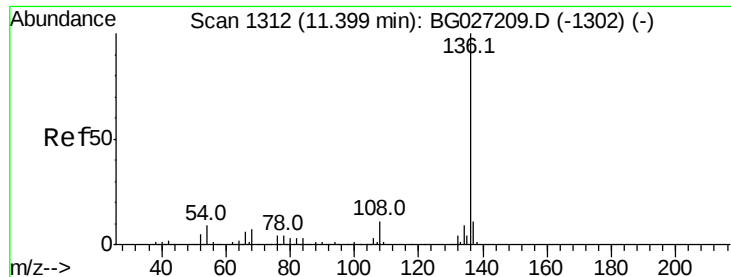
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

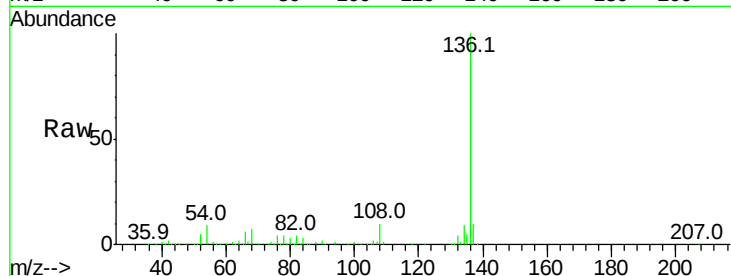




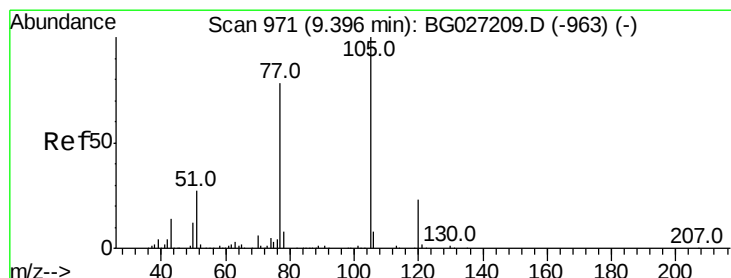
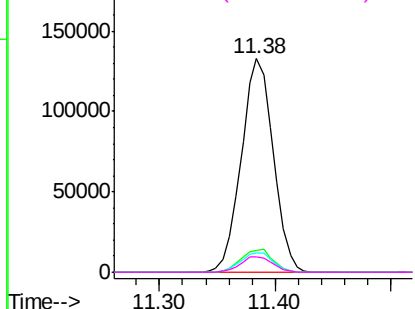
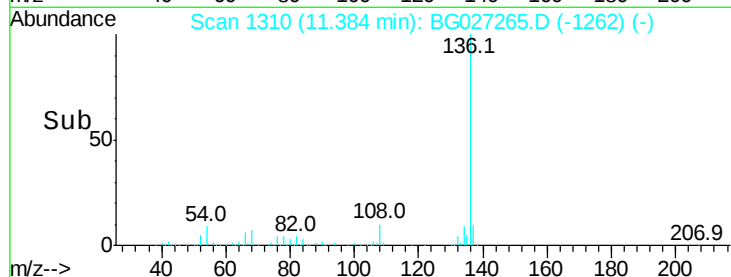
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

Tot Ion:136	Resp:	254720
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 9.1	9.3	13.9#
68 7.3	5.1	7.7

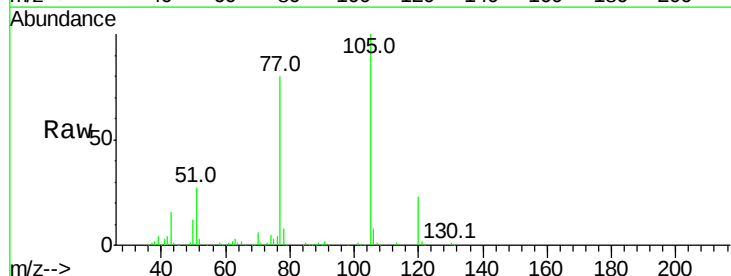


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

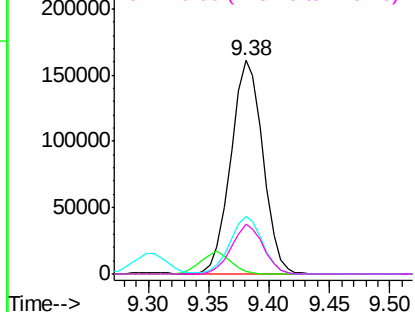
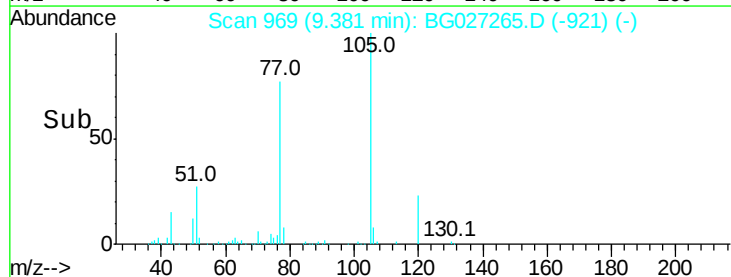


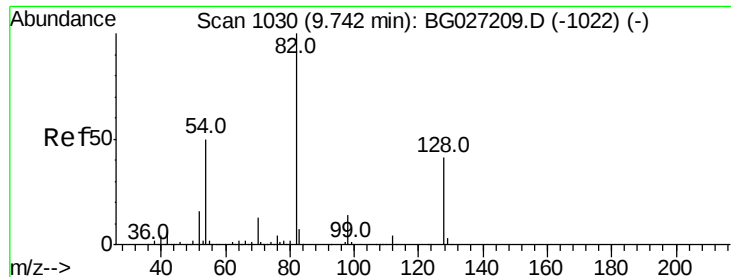
#22
Acetophenone
Concen: 45.69 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt	Ion:105	Resp:	297645
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.9	1.3
51	27.2	34.0	51.0#
120	23.1	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

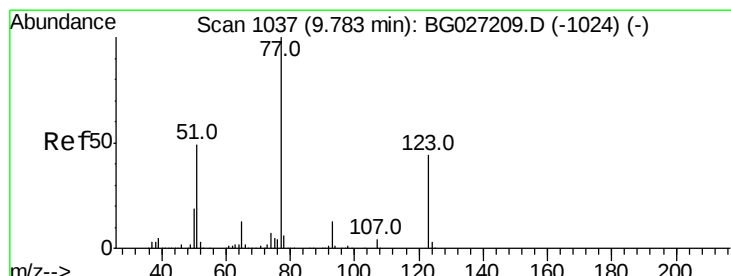
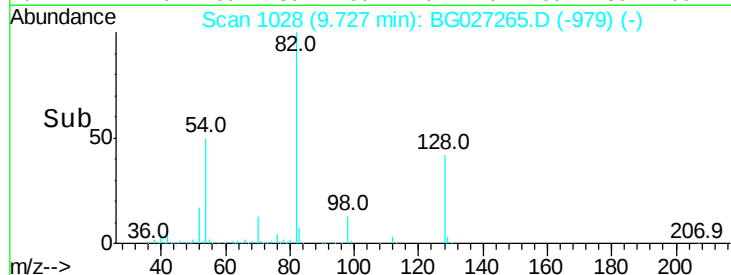
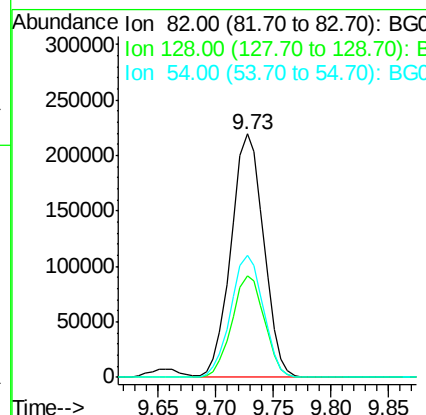
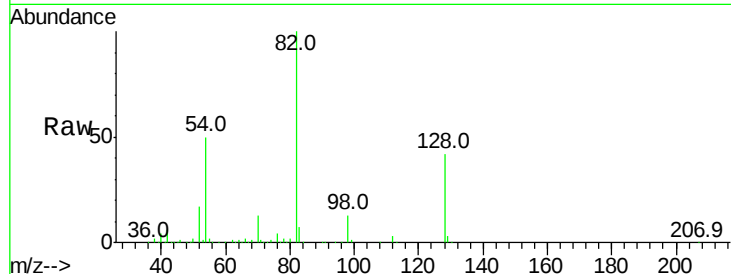




#23
 Nitrobenzene-d5
 Concen: 106.14 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

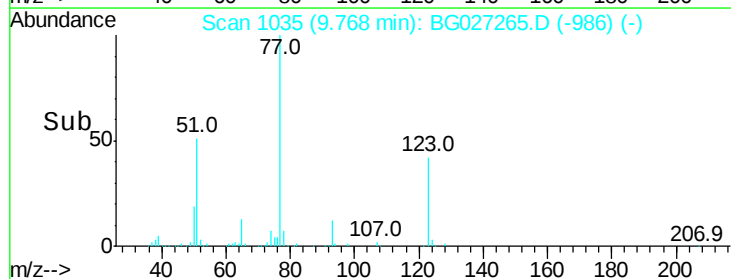
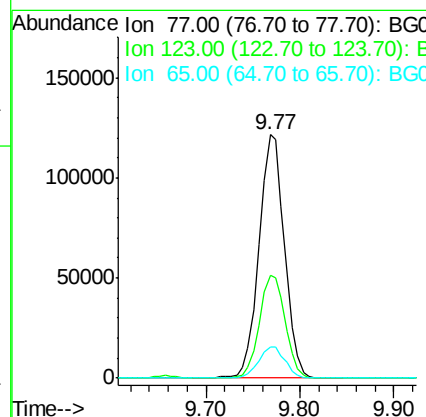
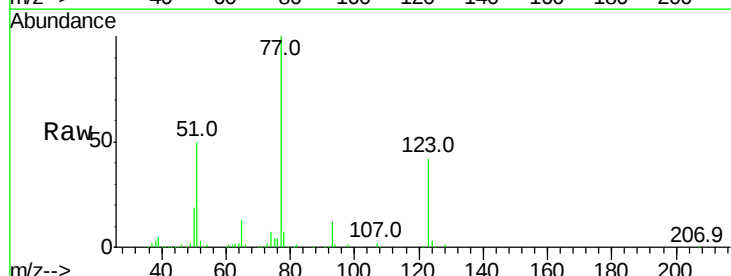
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

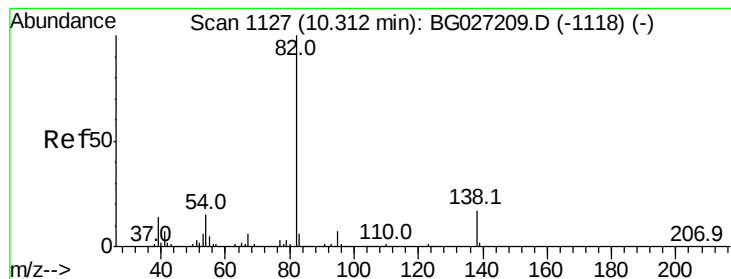
Tot Ion: 82 Resp: 429913
 Ion Ratio Lower Upper
 82 100
 128 41.7 26.4 39.6#
 54 50.3 49.4 74.2



#24
 Nitrobenzene
 Concen: 49.18 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Tgt Ion: 77 Resp: 226939
 Ion Ratio Lower Upper
 77 100
 123 42.2 26.1 39.1#
 65 12.9 12.4 18.6





#25

Isophorone

Concen: 47.44 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

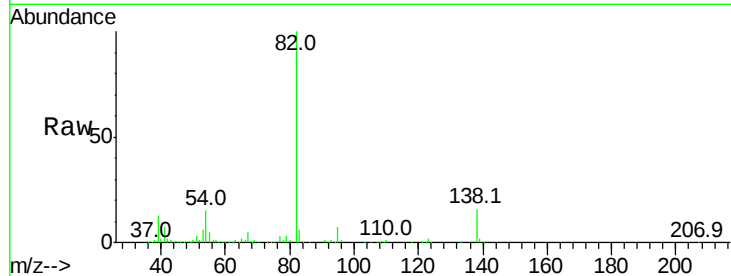
Tot Ion: 82 Resp: 451806

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 16.1 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

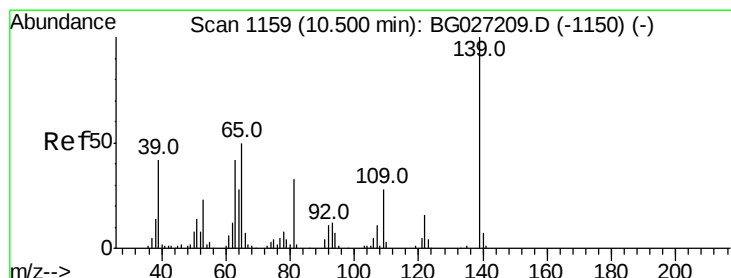
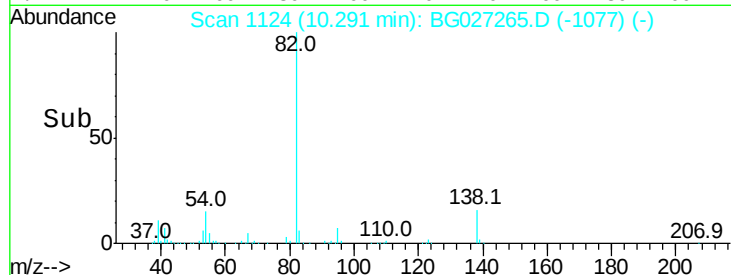
10.29

200000

100000

0

Time-->



#26

2-Nitrophenol

Concen: 50.75 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

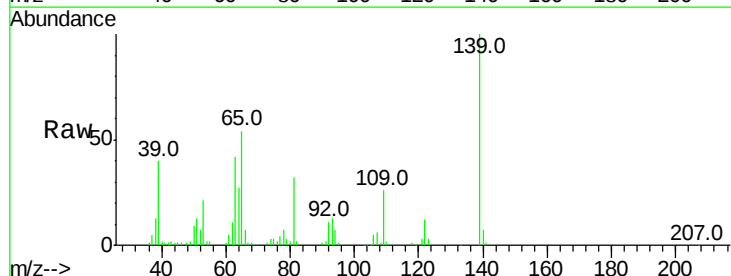
Tgt Ion: 139 Resp: 97464

Ion Ratio Lower Upper

139 100

109 26.1 38.6 58.0#

65 54.5 57.1 85.7#



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

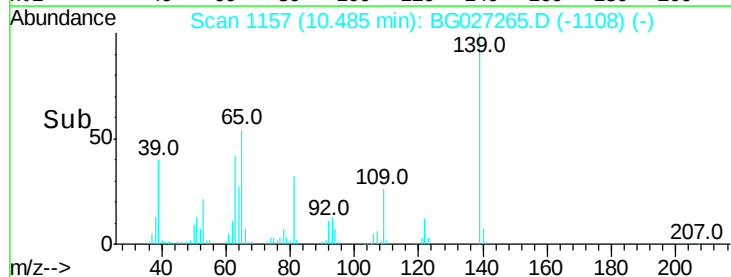
10.49

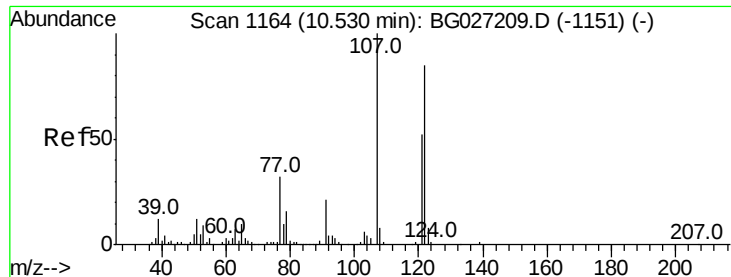
40000

20000

0

Time-->

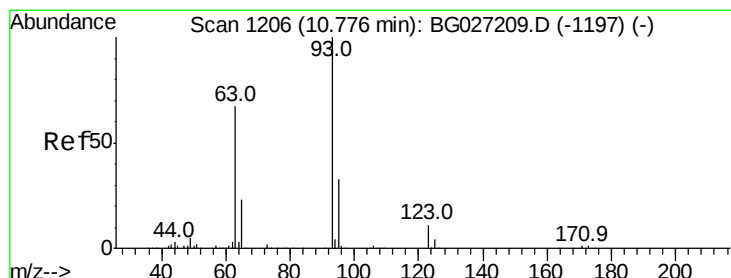
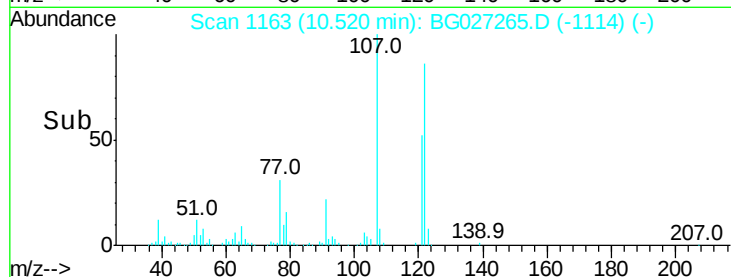
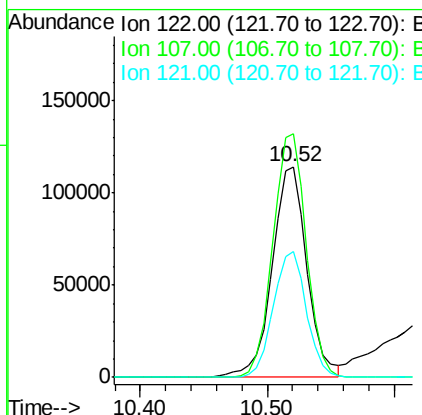
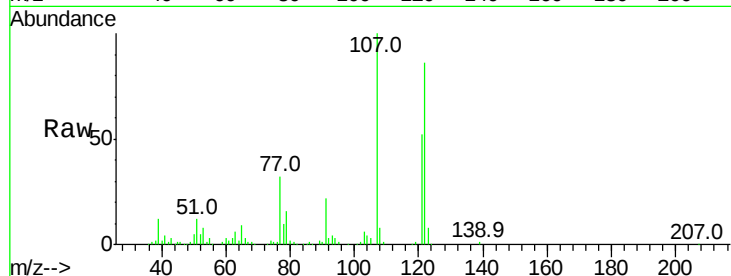




#27
 2,4-Dimethylphenol
 Concen: 53.09 ng
 RT: 10.52 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

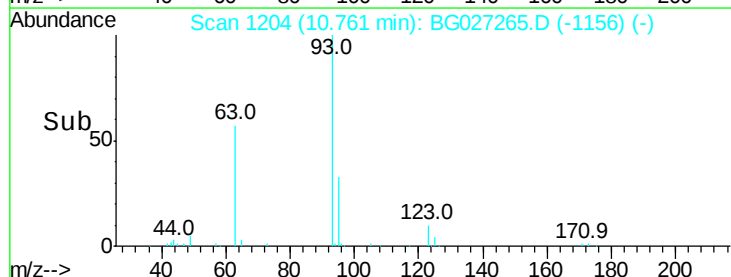
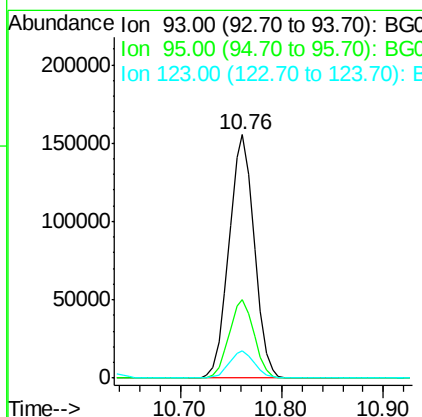
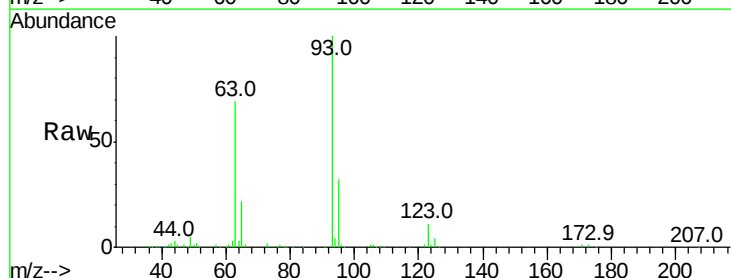
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

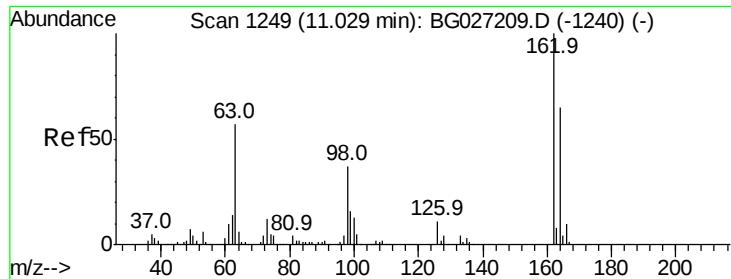
Tot Ion:122 Resp: 217381
 Ion Ratio Lower Upper
 122 100
 107 115.6 104.2 156.4
 121 59.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.42 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Tgt Ion: 93 Resp: 267752
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 11.1 8.3 12.5

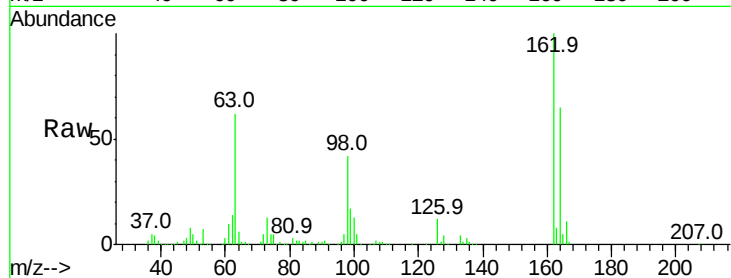




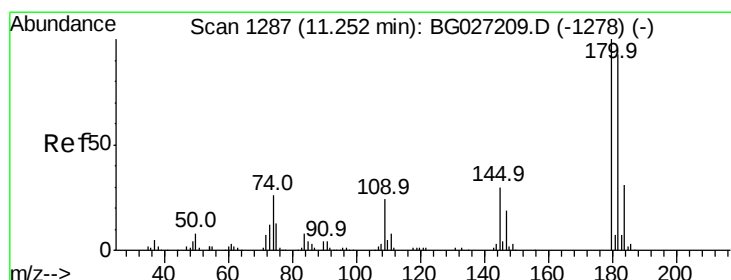
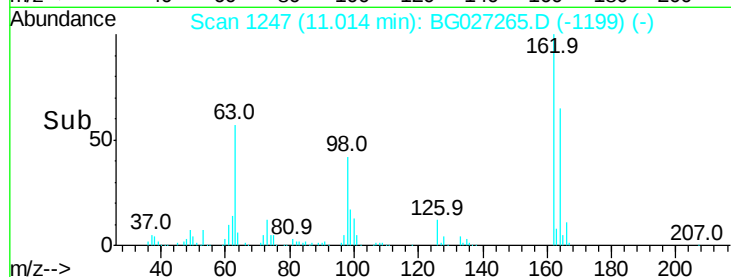
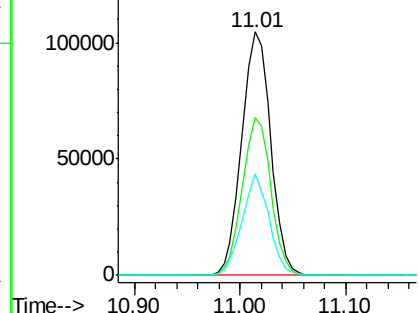
#29
2,4-Dichlorophenol
Concen: 53.29 ng
RT: 11.01 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.4	82.4
98	41.5	20.3	60.3

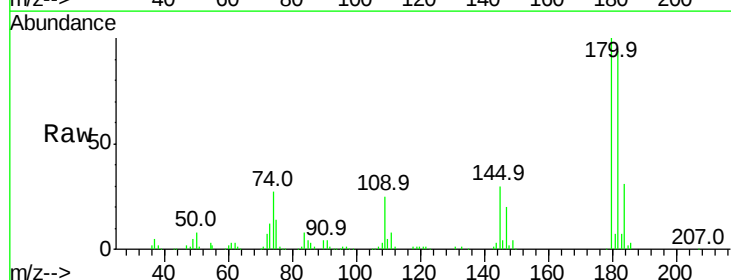


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

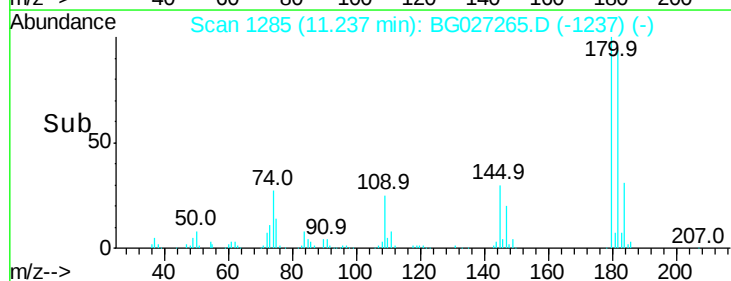
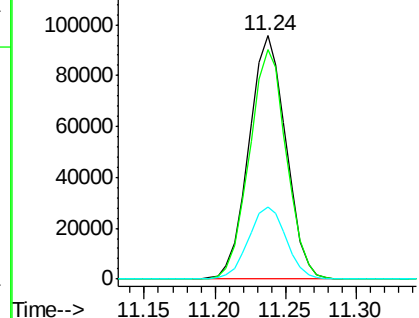


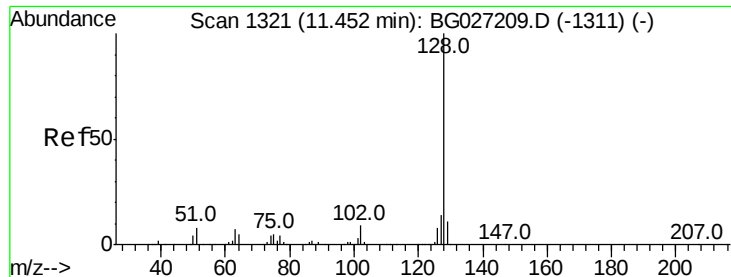
#30
1,2,4-Trichlorobenzene
Concen: 42.53 ng
RT: 11.24 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	29.9	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

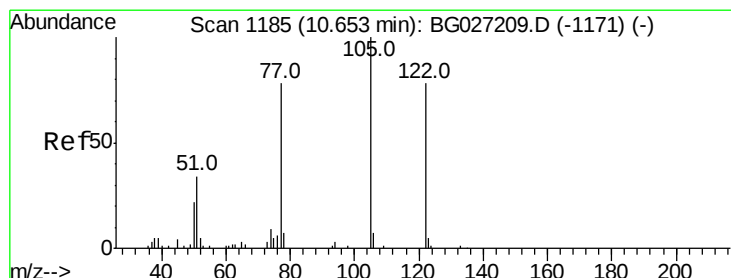
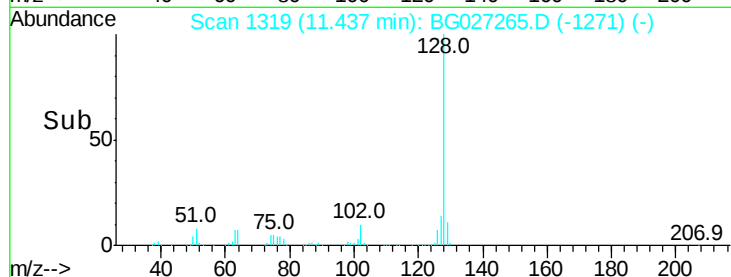
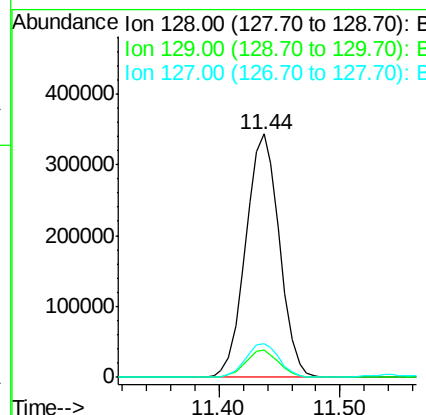
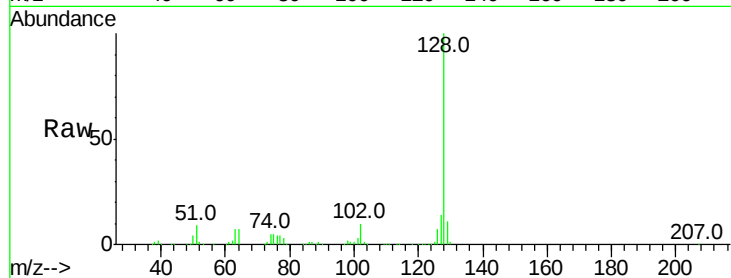




#31
Naphthalene
Concen: 47.60 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

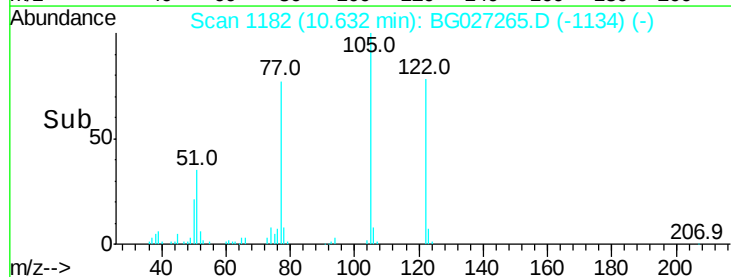
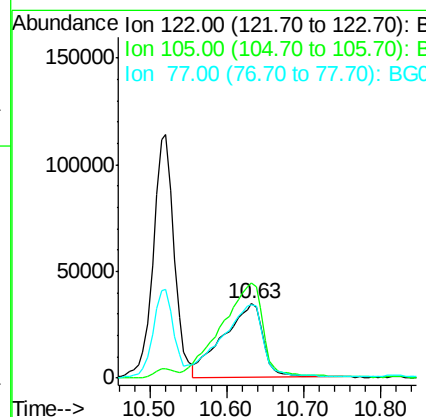
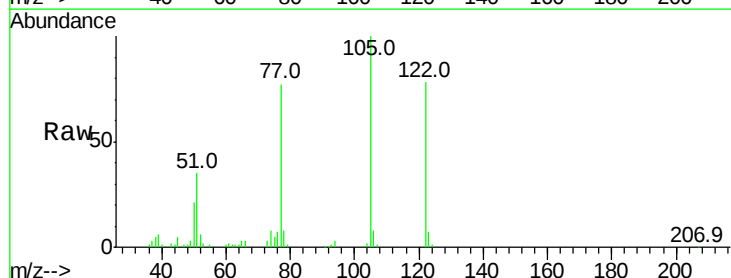
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

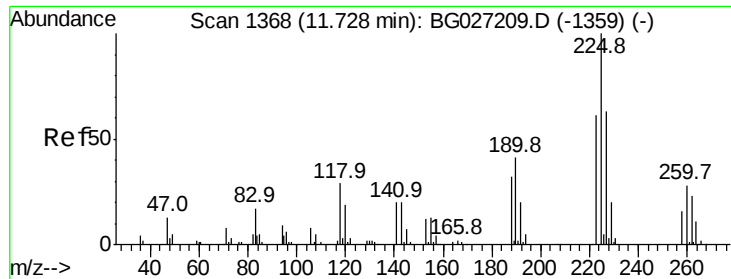
Tot Ion:128 Resp: 662720
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 44.85 ng
RT: 10.63 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:122 Resp: 125248
Ion Ratio Lower Upper
122 100
105 127.6 120.1 160.1
77 98.7 104.6 144.6#

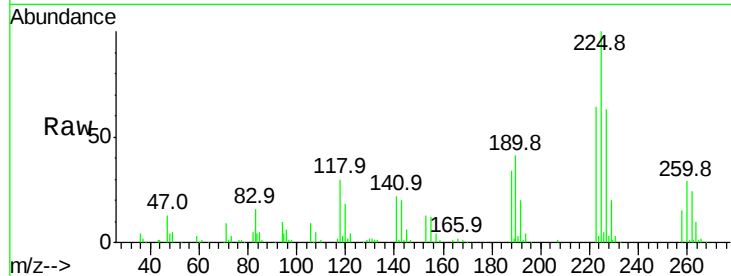




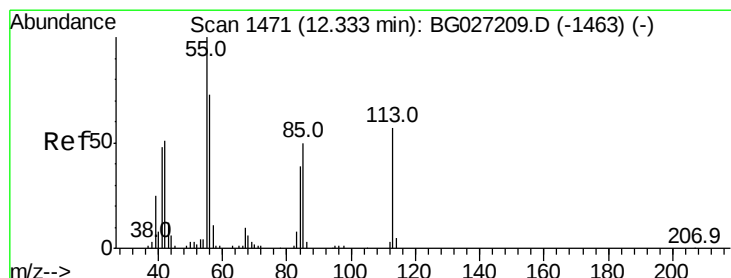
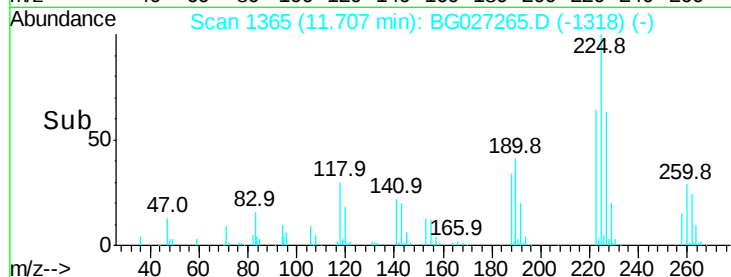
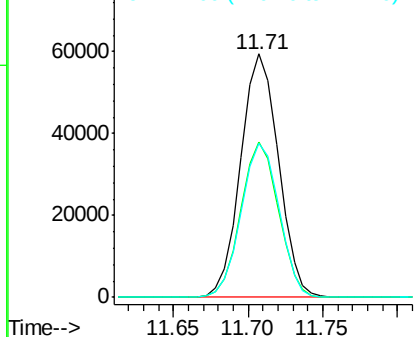
#34
Hexachlorobutadiene
Concen: 40.91 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

Tot Ion:225 Resp: 104064
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 66.6 49.0 73.6

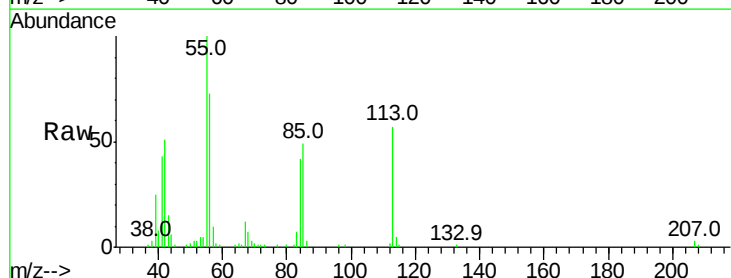


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

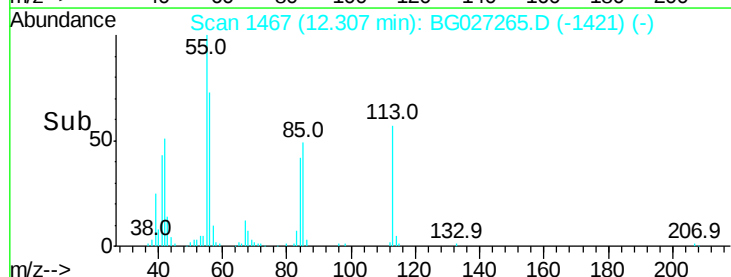
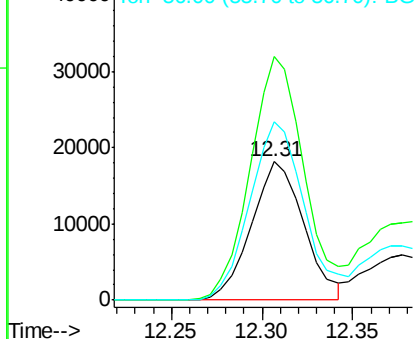


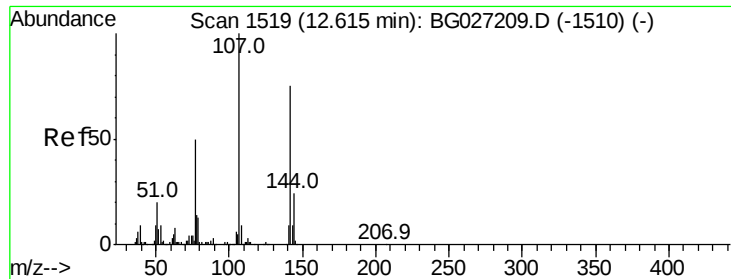
#35
Caprolactam
Concen: 28.60 ng
RT: 12.31 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:113 Resp: 36664
Ion Ratio Lower Upper
113 100
55 175.8 198.6 238.6#
56 128.7 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

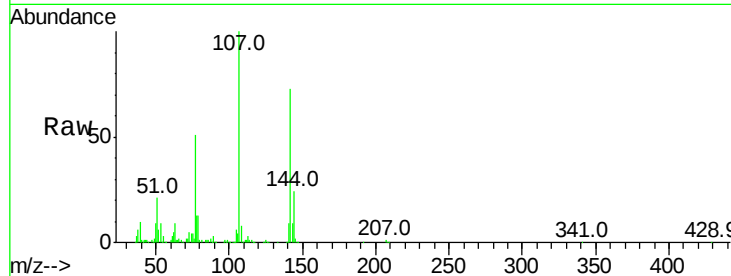




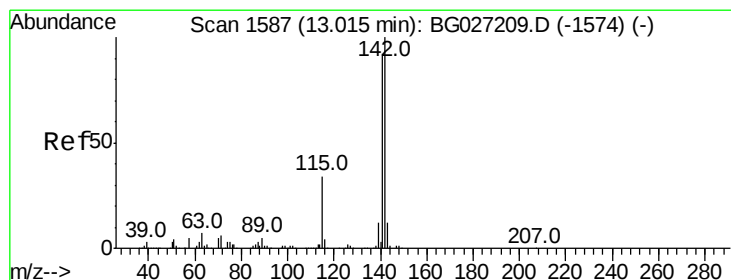
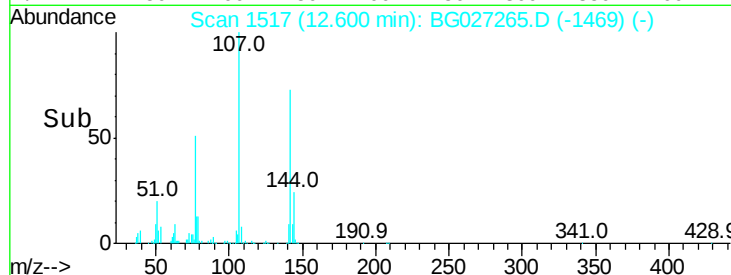
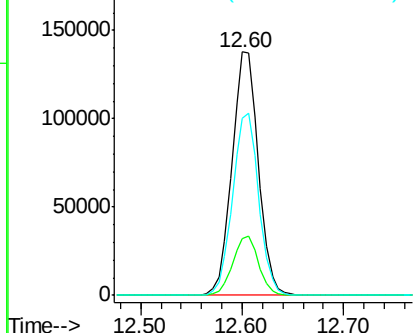
#36
 4-Chloro-3-methylphenol
 Concen: 52.92 ng
 RT: 12.60 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.4	26.0
142	72.7	54.1	81.1

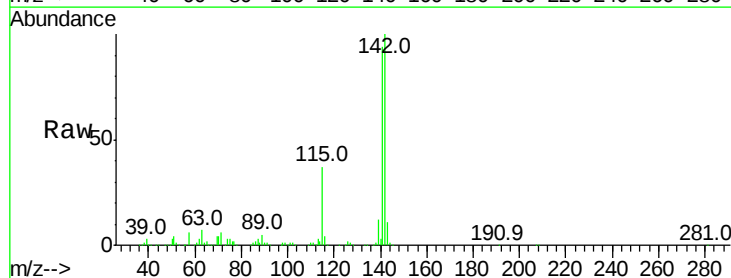


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

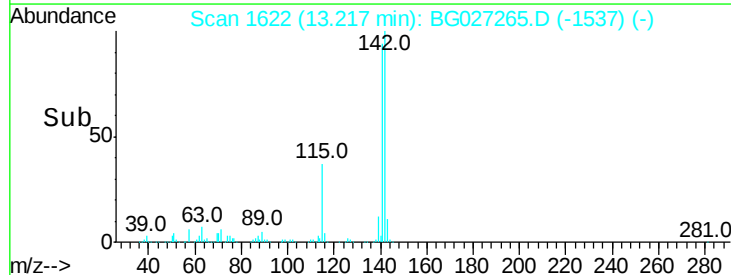
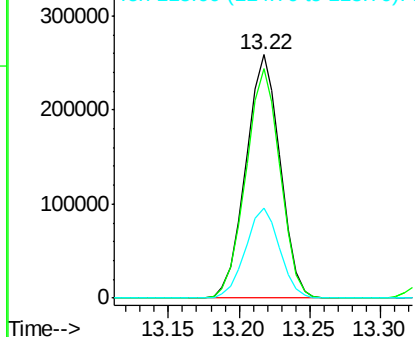


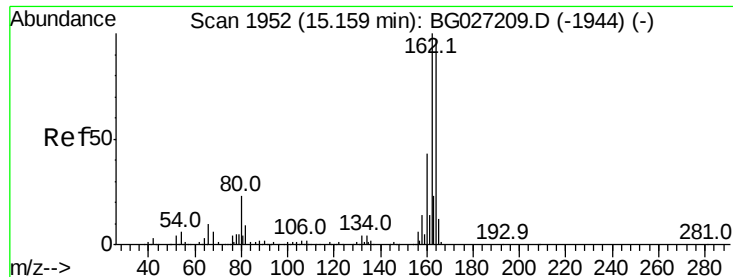
#37
 2-Methylnaphthalene
 Concen: 43.26 ng
 RT: 13.22 min Scan# 1622
 Delta R.T. 0.20 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	70.4	105.6
115	37.0	35.5	53.3



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.14 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

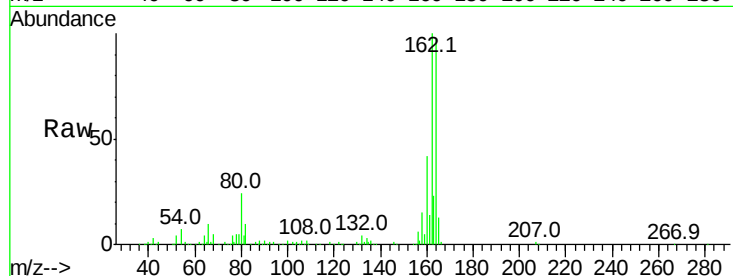
Tot Ion:164 Resp: 166592

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

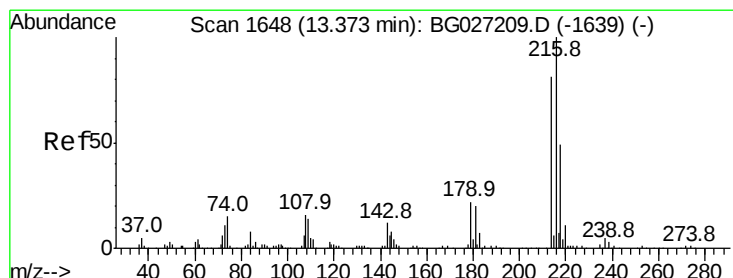
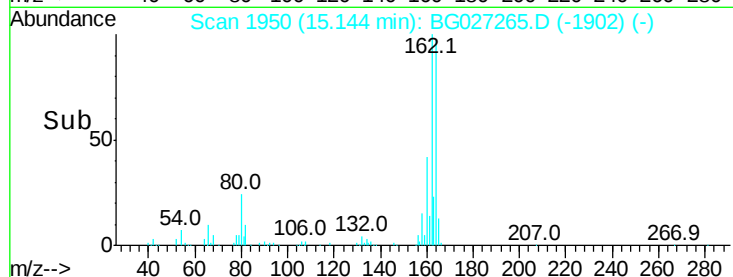
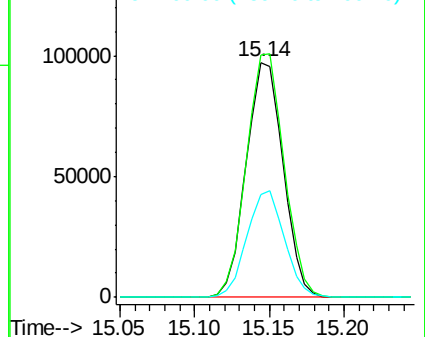
160 43.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.35 ng

RT: 13.36 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Tgt Ion:216 Resp: 219801

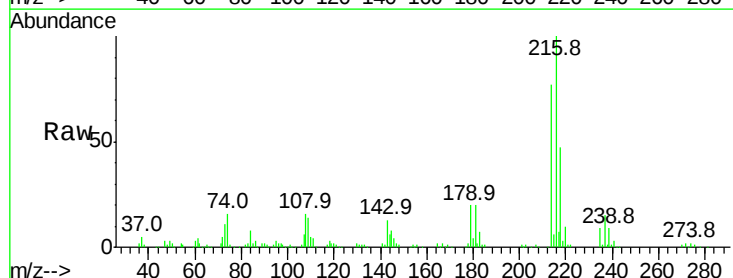
Ion Ratio Lower Upper

216 100

214 78.3 64.4 96.6

179 20.8 17.4 26.0

108 20.1 15.6 23.4

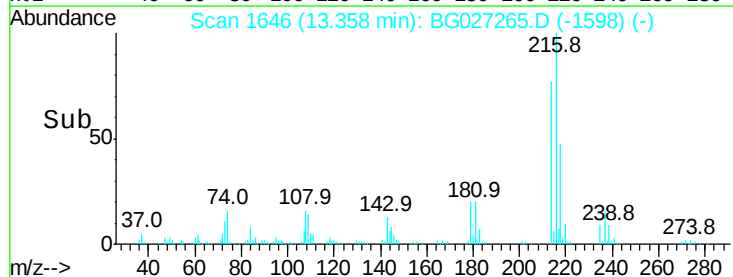
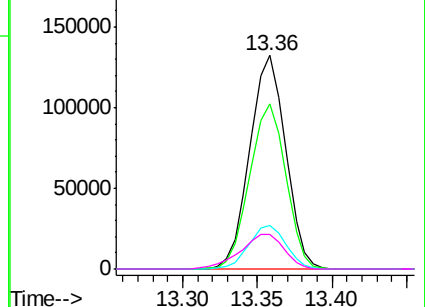


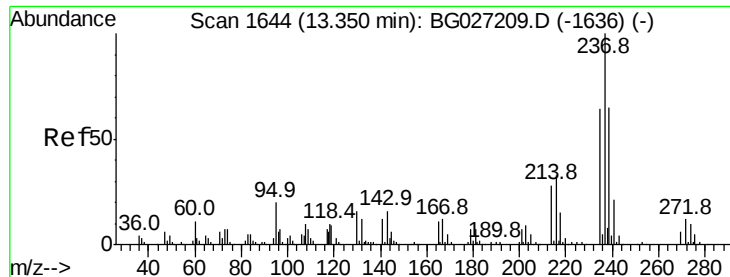
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 100.39 ng

RT: 13.33 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

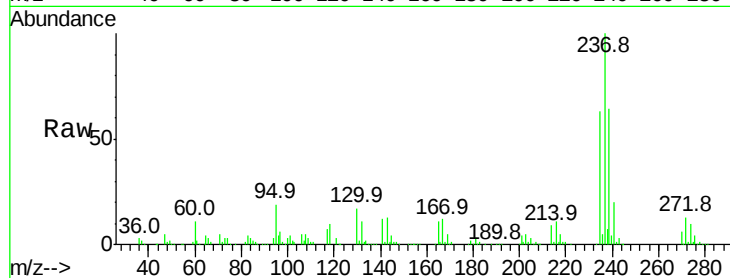
Tot Ion:237 Resp: 277309

Ion Ratio Lower Upper

237 100

235 62.5 39.4 79.4

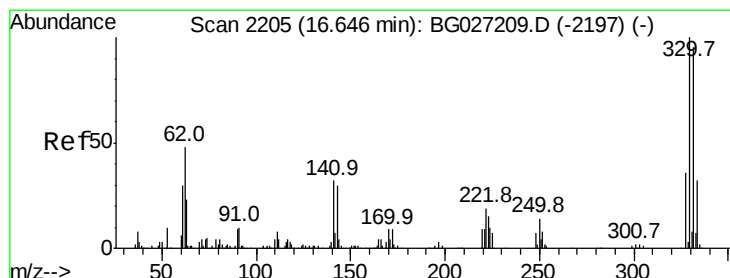
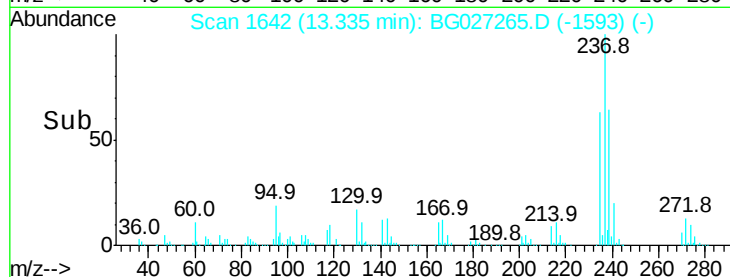
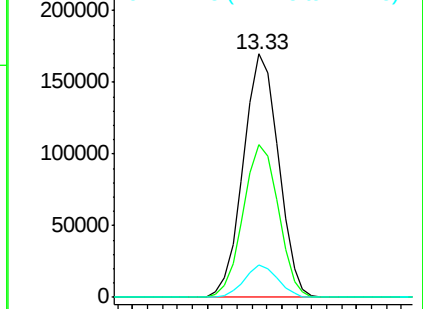
272 13.1 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 163.92 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

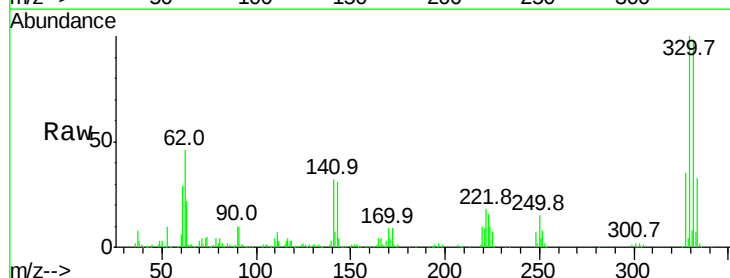
Tgt Ion:330 Resp: 359588

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

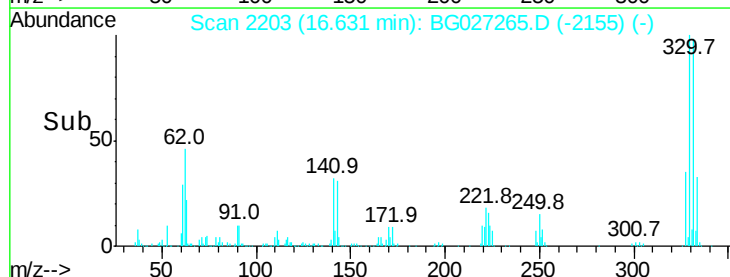
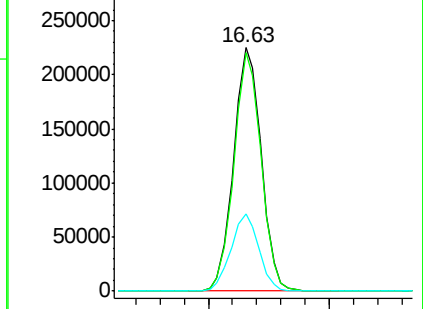
141 32.2 32.1 48.1

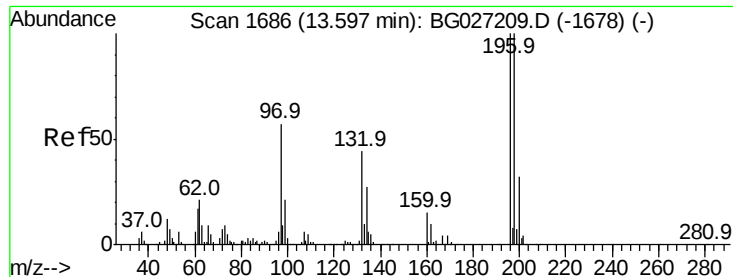


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 51.68 ng

RT: 13.59 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

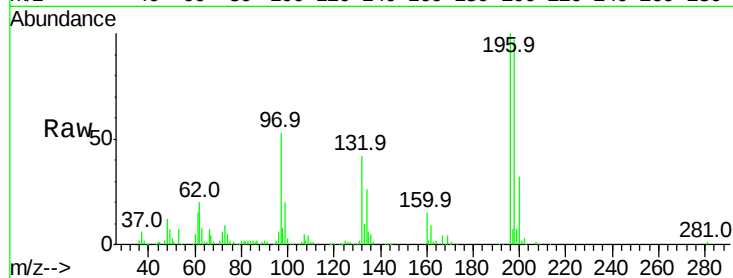
Tot Ion:196 Resp: 162668

Ion Ratio Lower Upper

196 100

198 96.6 81.4 122.2

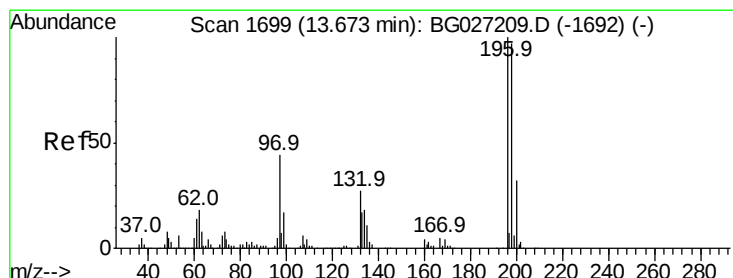
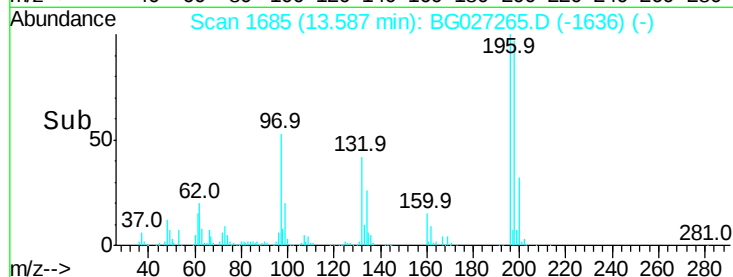
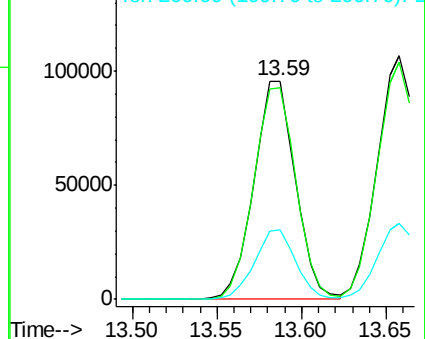
200 31.6 27.0 40.6



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: 51.87 ng

RT: 13.66 min Scan# 1697

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Tgt Ion:196 Resp: 182722

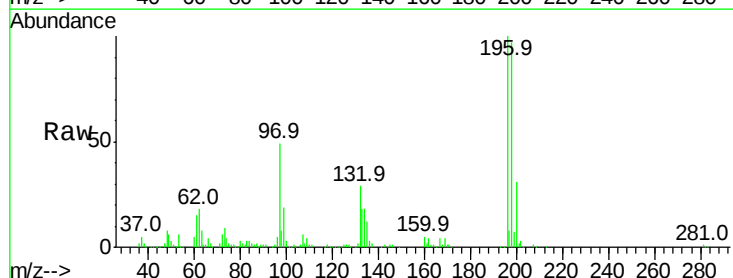
Ion Ratio Lower Upper

196 100

198 97.3 79.9 119.9

97 48.5 45.4 68.0

132 28.7 20.7 31.1

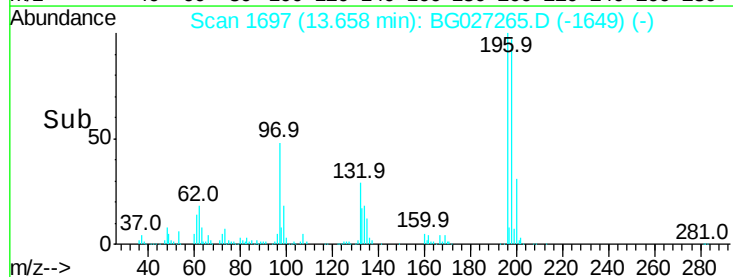
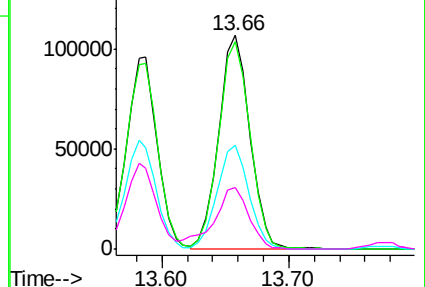


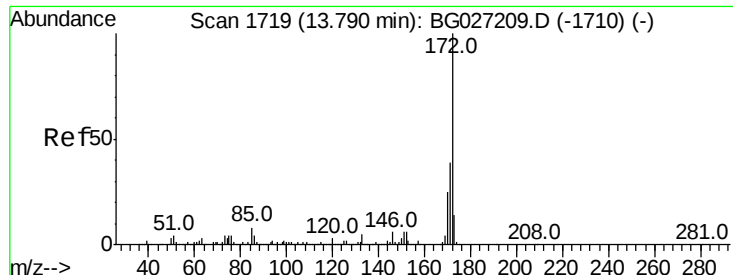
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



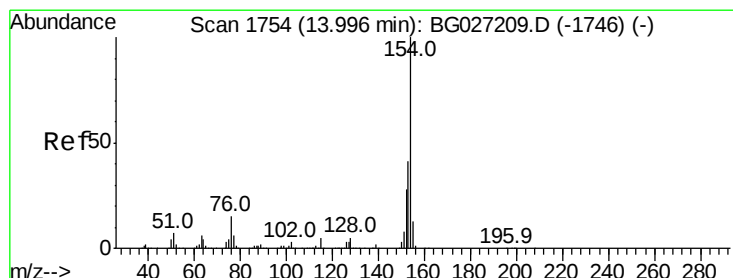
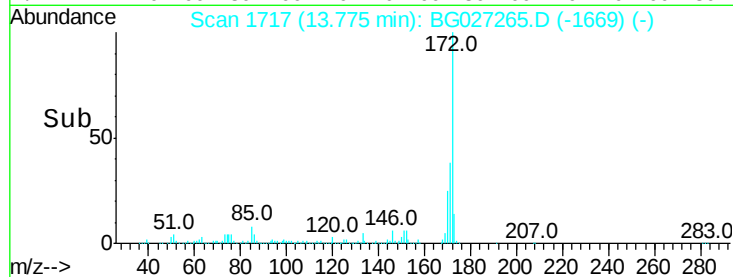
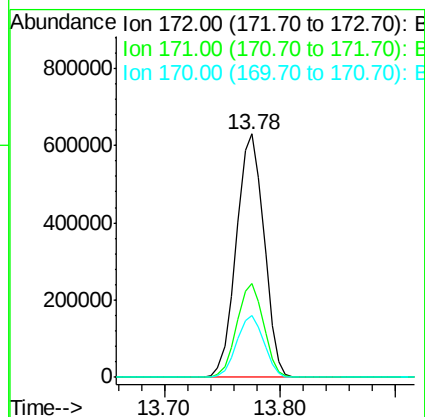
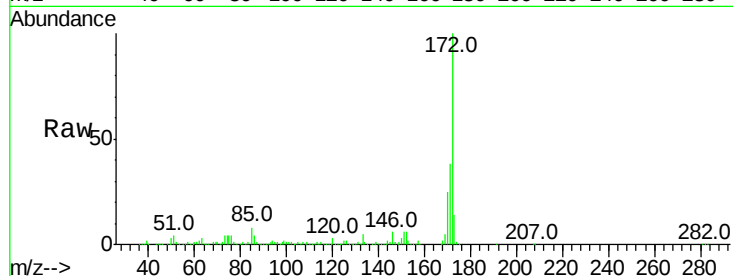


#44
 2-Fluorobiphenyl
 Concen: 87.69 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

Tot Ion:172 Resp: 1044199

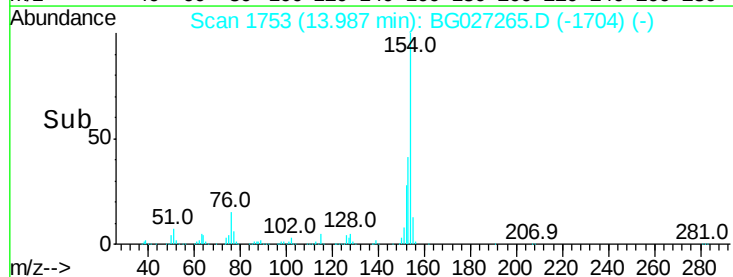
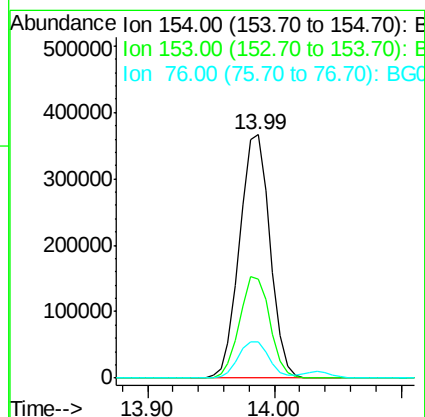
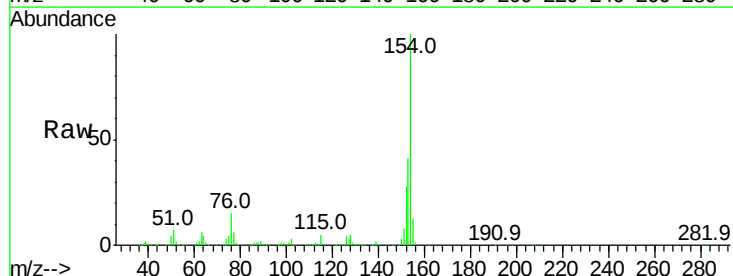
Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.2	48.2
170	25.4	21.8	32.6

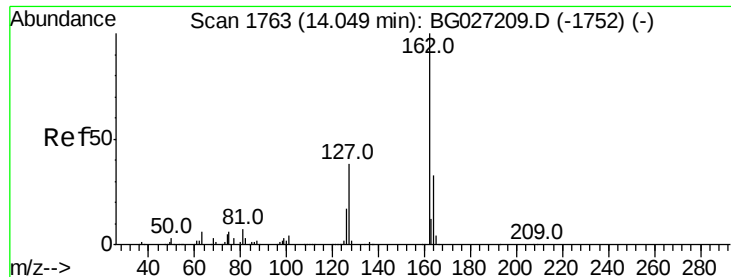


#45
 1,1'-Biphenyl
 Concen: 44.77 ng
 RT: 13.99 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Tgt Ion:154 Resp: 608825

Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.0	63.0
76	14.7	0.0	33.5

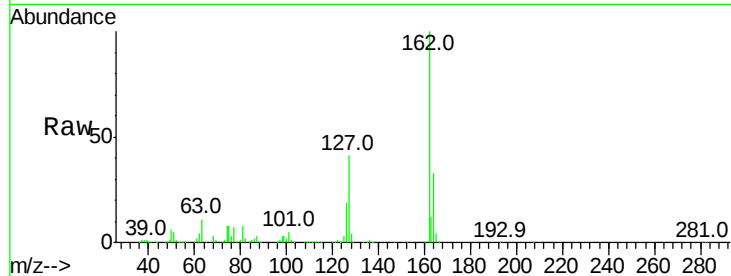




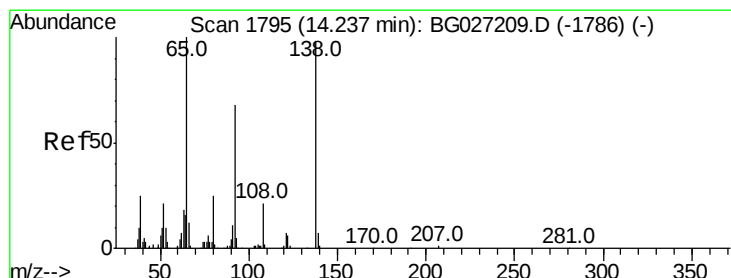
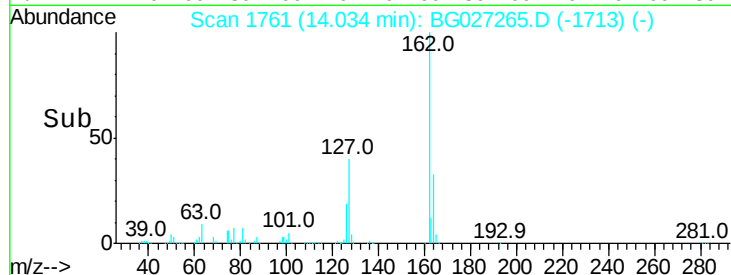
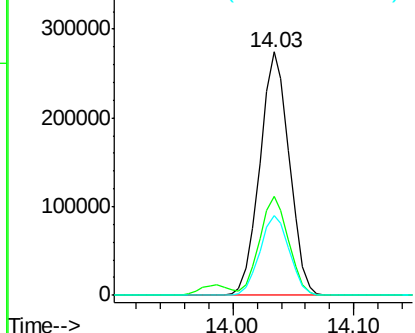
#46
2-Chloronaphthalene
Concen: 45.27 ng
RT: 14.03 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

Tot Ion:162 Resp: 461536
Ion Ratio Lower Upper
162 100
127 40.5 32.2 48.4
164 32.9 27.3 40.9

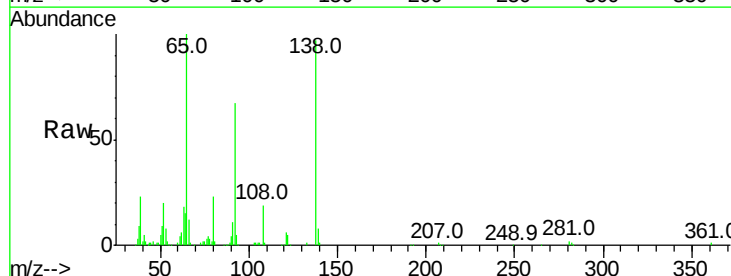


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

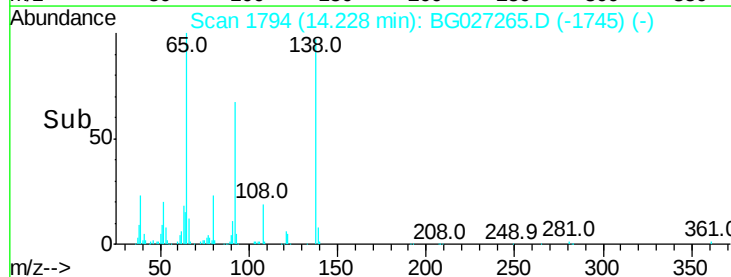
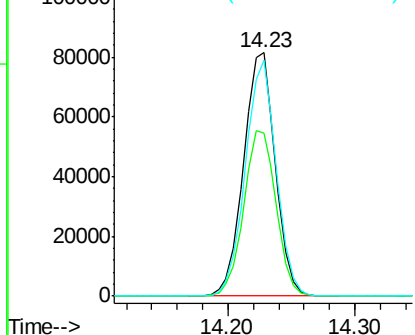


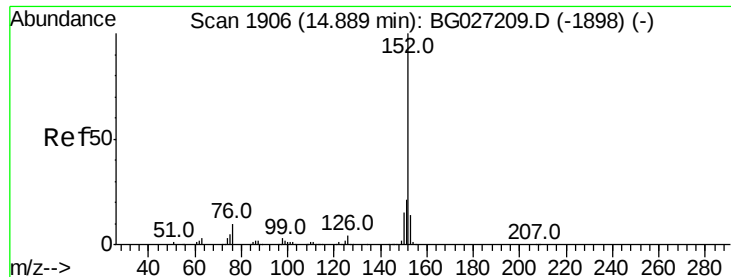
#47
2-Nitroaniline
Concen: 48.69 ng
RT: 14.23 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion: 65 Resp: 141479
Ion Ratio Lower Upper
65 100
92 66.9 49.0 73.4
138 96.8 58.6 87.8#



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





#48

Acenaphthylene

Concen: 44.16 ng

RT: 14.87 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

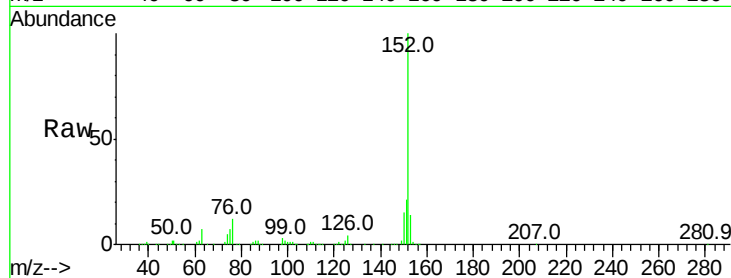
Tot Ion:152 Resp: 761888

Ion Ratio Lower Upper

152 100

151 21.4 18.2 27.2

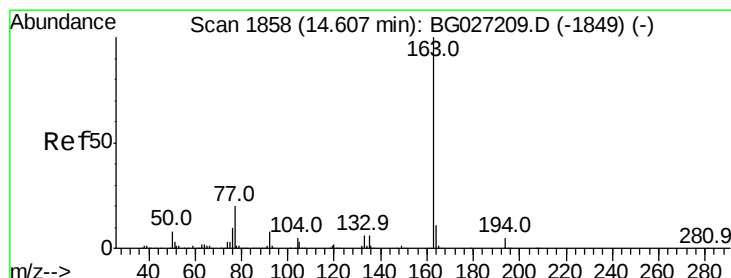
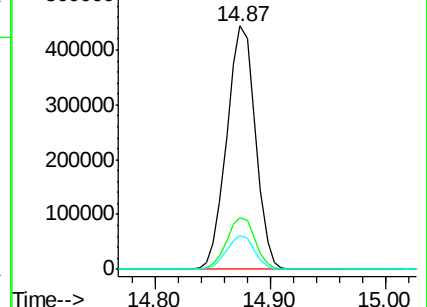
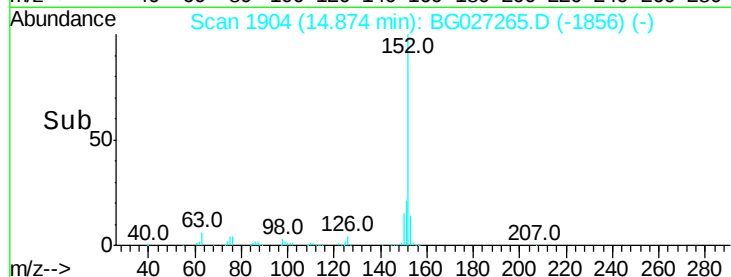
153 13.8 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.54 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

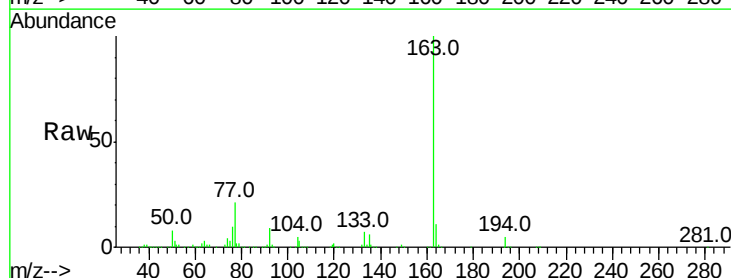
Tgt Ion:163 Resp: 641451

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

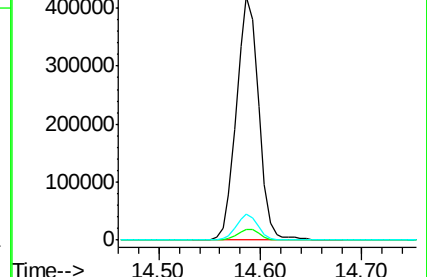
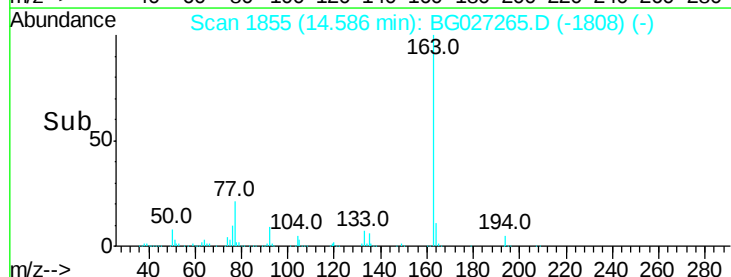
164 10.6 9.3 13.9

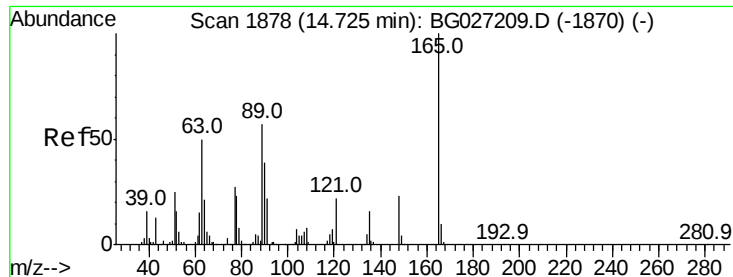


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

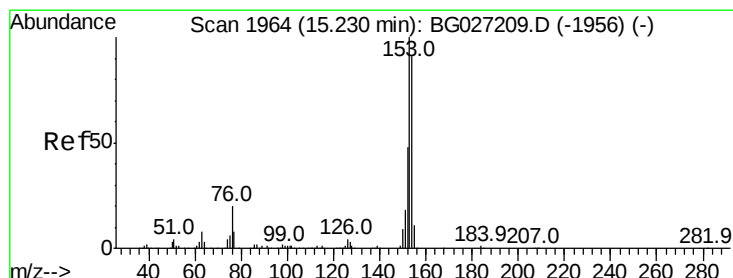
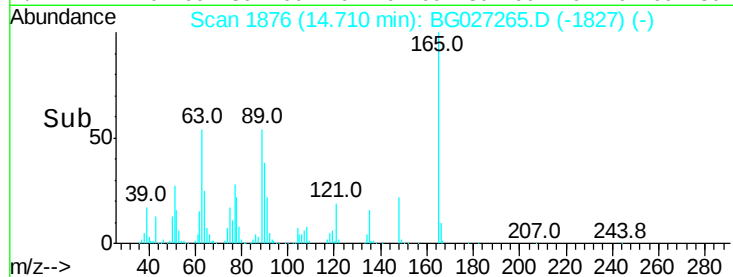
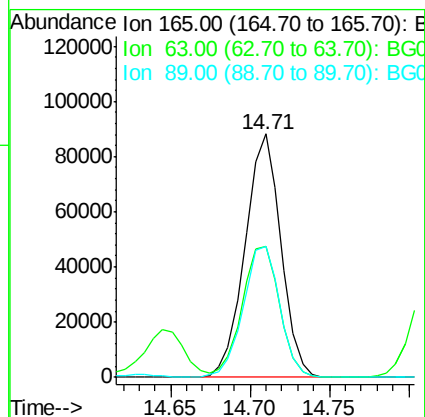
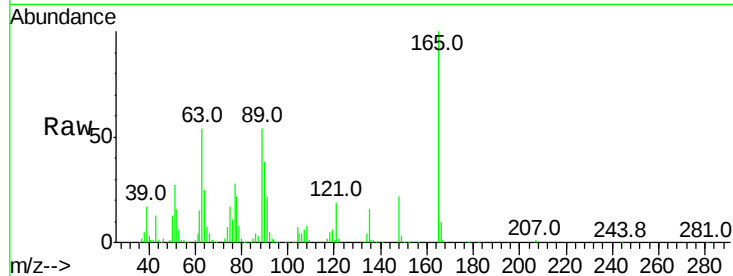




#50
2,6-Dinitrotoluene
Concen: 50.97 ng
RT: 14.71 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

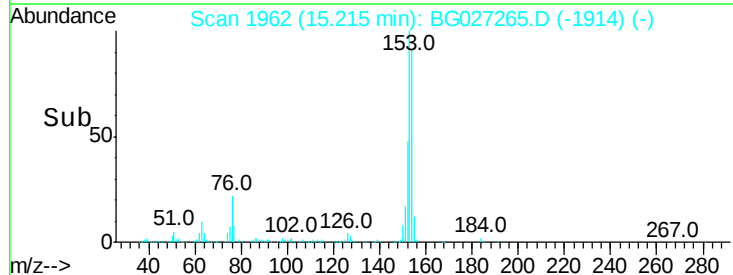
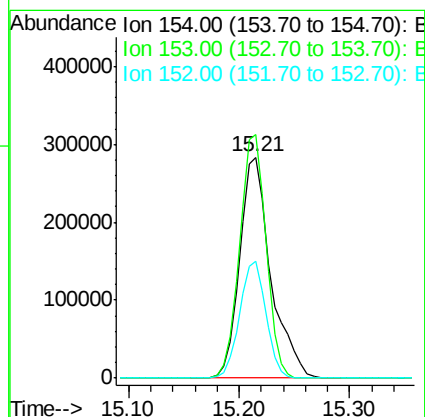
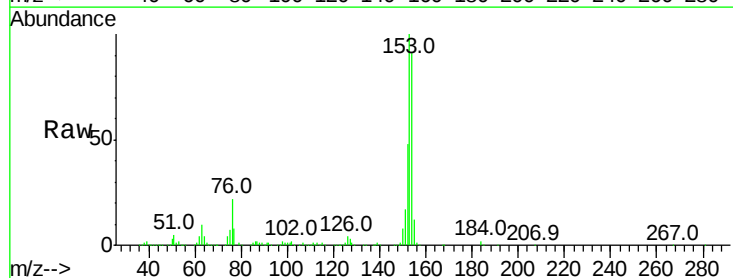
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

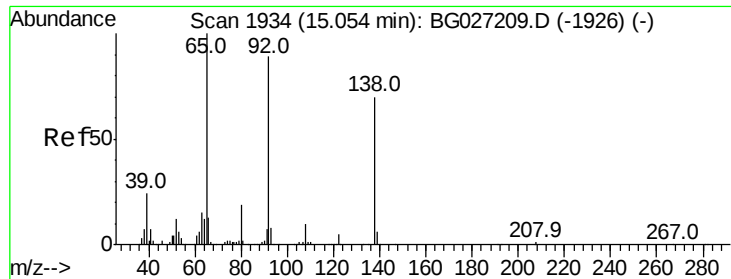
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.0	63.9	95.9#
89	53.9	58.6	88.0#



#51
Acenaphthene
Concen: 49.97 ng
RT: 15.21 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	87.8	131.6
152	52.8	42.2	63.4





#52

3-Nitroaniline

Concen: 13.47 ng

RT: 15.04 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

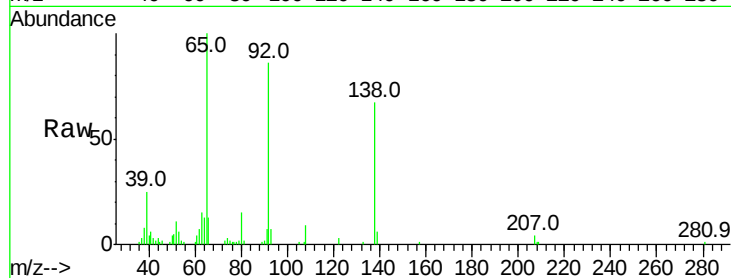
Tot Ion:138 Resp: 24793

Ion Ratio Lower Upper

138 100

108 14.1 10.9 16.3

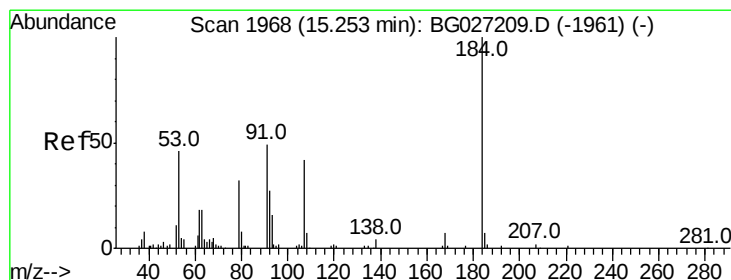
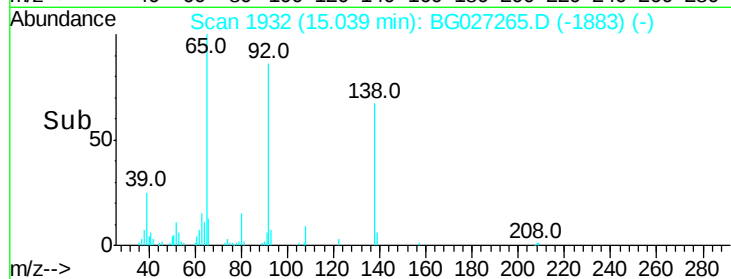
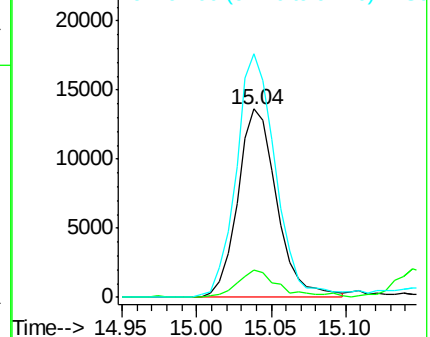
92 129.1 115.3 172.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

2,4-Dinitrophenol

Concen: 106.11 ng

RT: 15.24 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

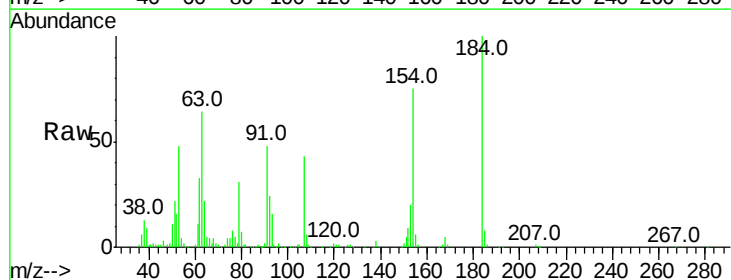
Tgt Ion:184 Resp: 157388

Ion Ratio Lower Upper

184 100

63 64.3 52.7 79.1

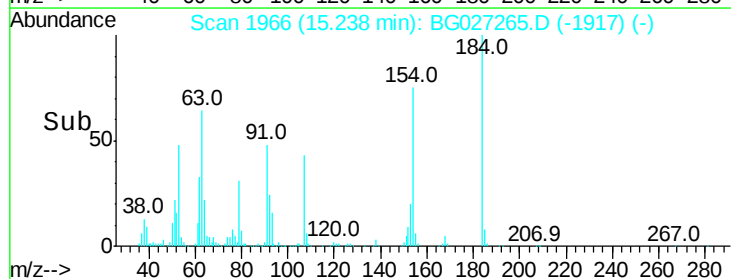
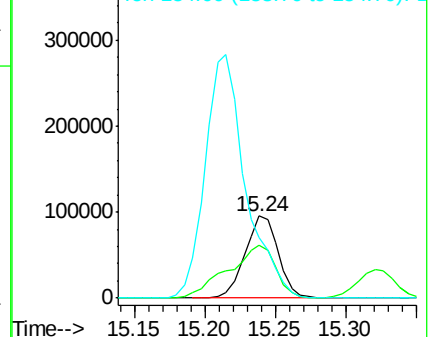
154 74.6 57.3 85.9

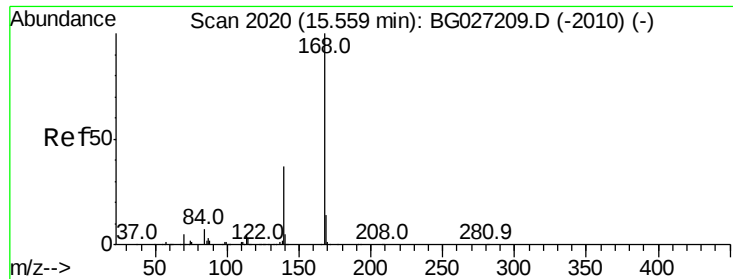


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 48.21 ng

RT: 15.54 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

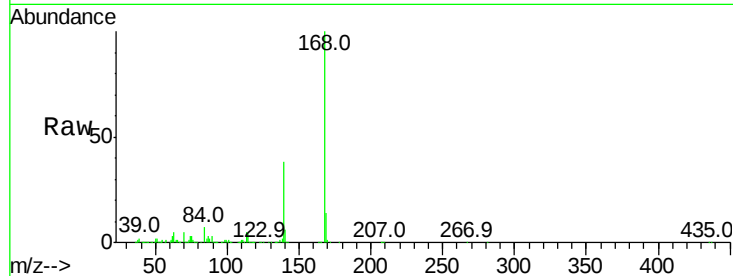
Tot Ion:168 Resp: 756162

Ion Ratio Lower Upper

168 100

139 37.5 35.3 52.9

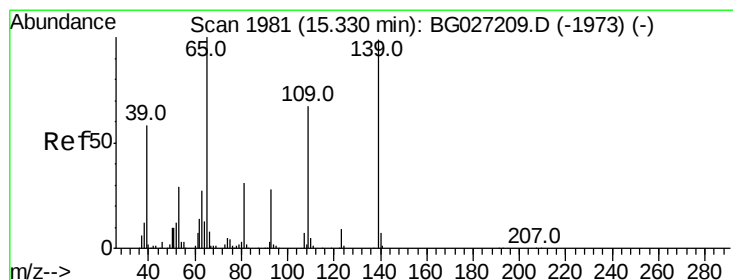
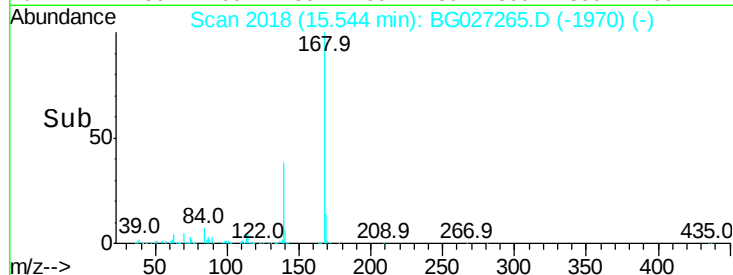
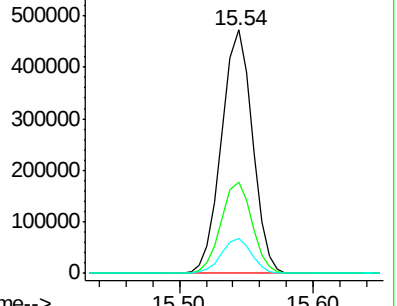
169 14.1 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 86.41 ng

RT: 15.33 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

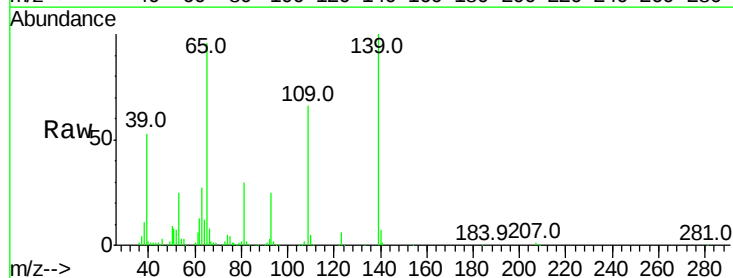
Tgt Ion:139 Resp: 217038

Ion Ratio Lower Upper

139 100

109 66.2 101.2 141.2#

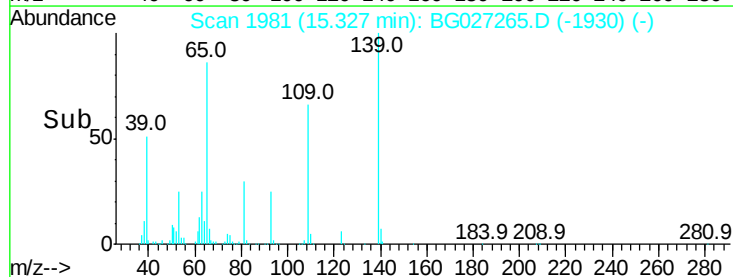
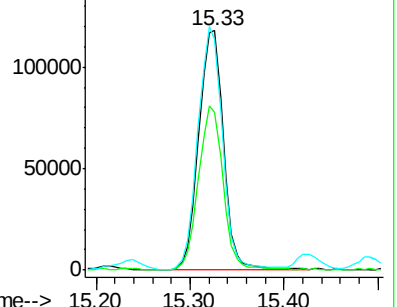
65 96.2 135.3 175.3#

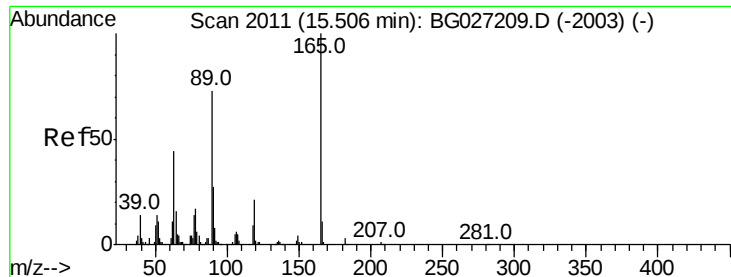


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

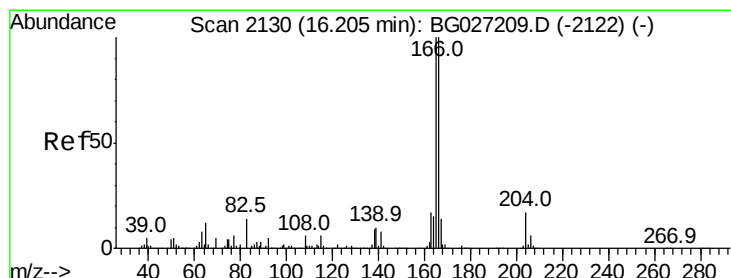
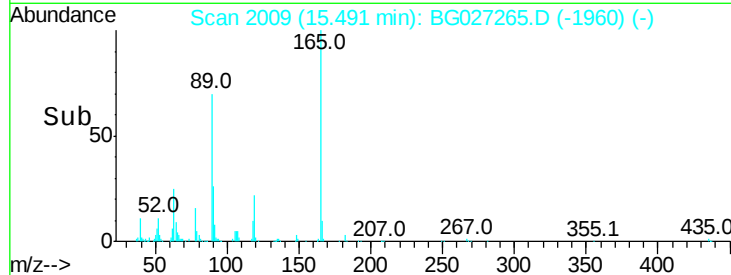
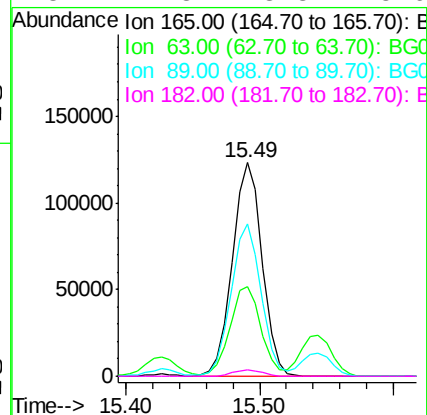
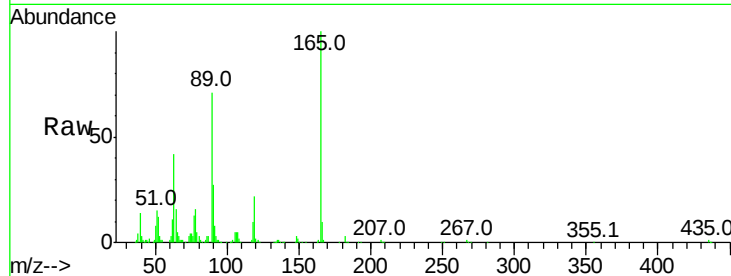




#56
2,4-Dinitrotoluene
Concen: 54.68 ng
RT: 15.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

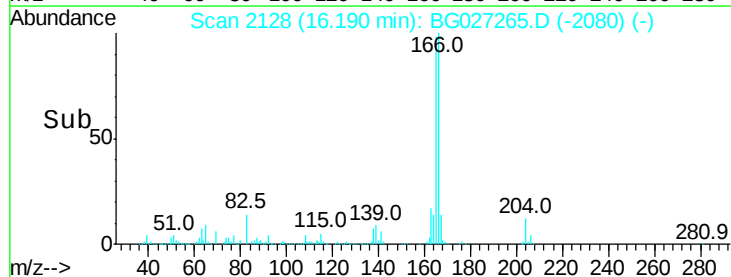
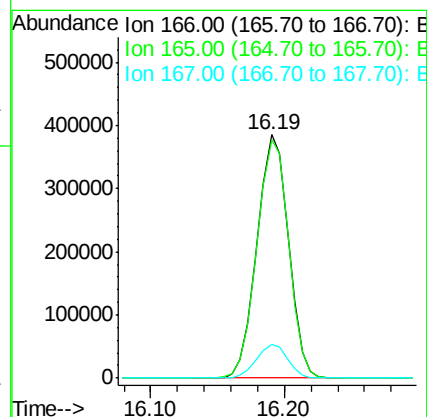
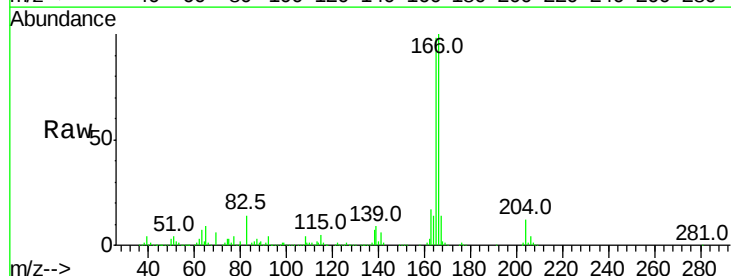
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

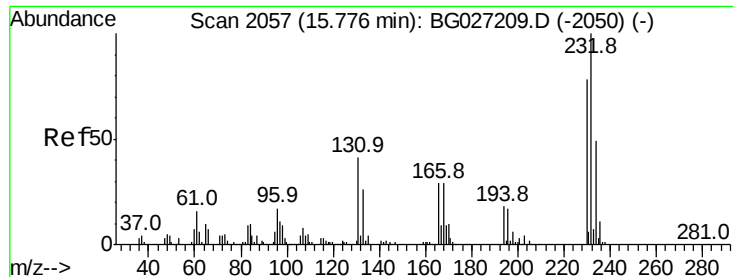
Tot Ion:165 Resp: 191711
Ion Ratio Lower Upper
165 100
63 42.1 44.0 66.0#
89 71.3 67.3 100.9
182 2.8 3.8 5.6#



#57
Fluorene
Concen: 44.85 ng
RT: 16.19 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:166 Resp: 624809
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.9 11.6 17.4

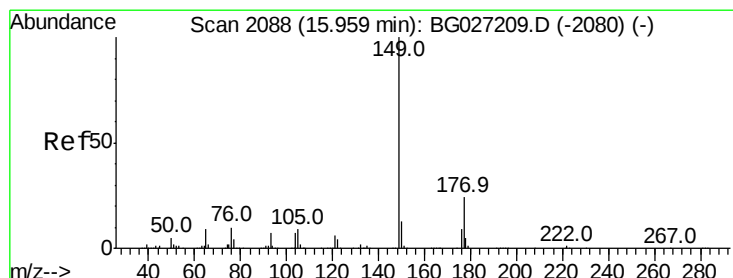
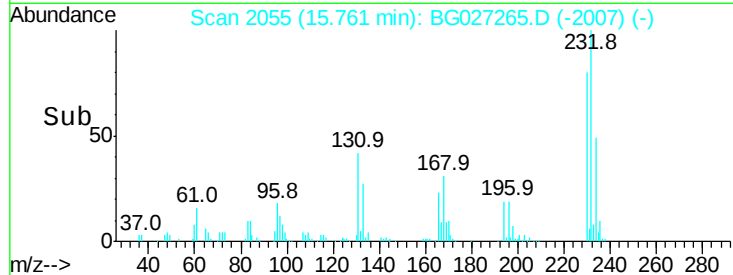
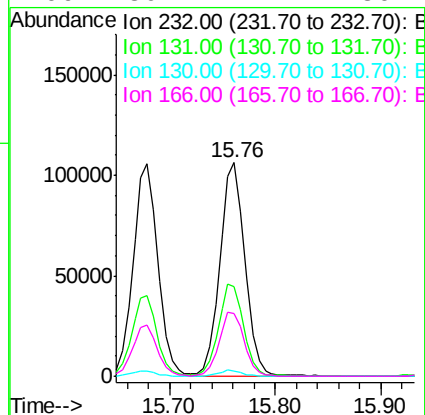
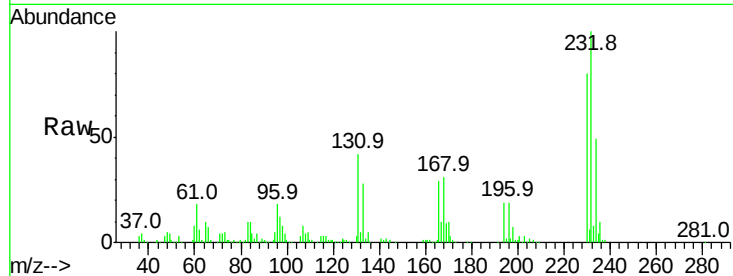




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.04 ng
 RT: 15.76 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

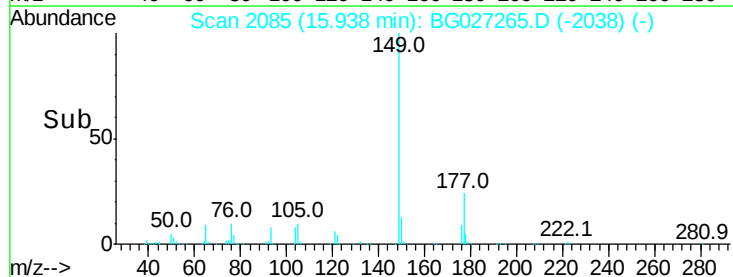
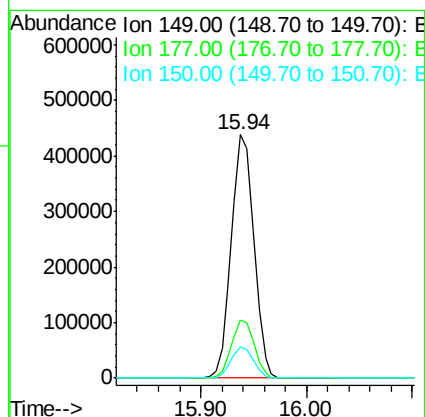
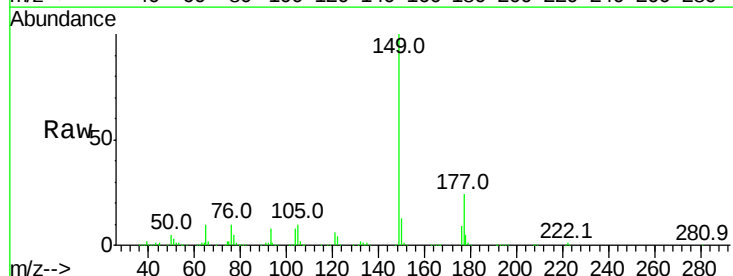
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MS

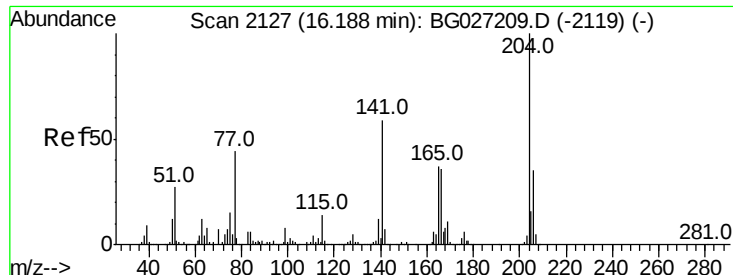
Tot Ion:	232	Resp:	176201
Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.9	52.3
130	2.5	2.3	3.5
166	30.1	24.2	36.4



#59
 Diethylphthalate
 Concen: 48.95 ng
 RT: 15.94 min Scan# 2085
 Delta R.T. -0.02 min
 Lab File: BG027265.D
 Acq: 7 Jun 2017 1:23

Tgt Ion:	149	Resp:	645221
Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.1	30.1
150	12.9	10.2	15.2

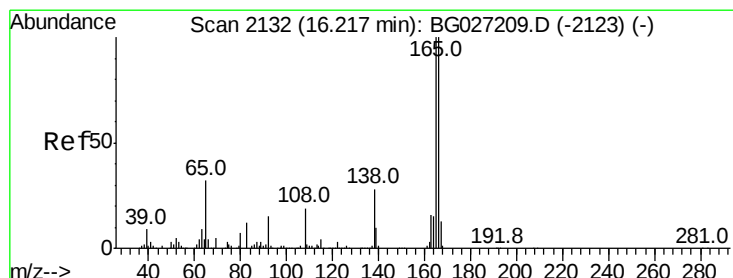
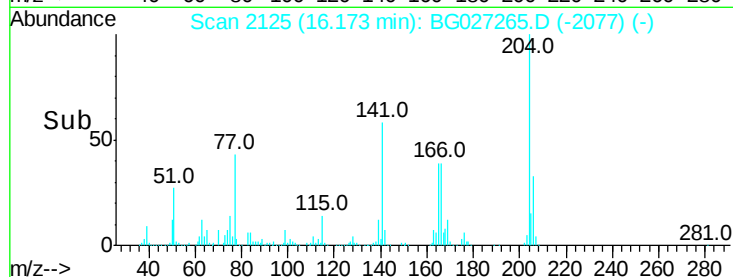
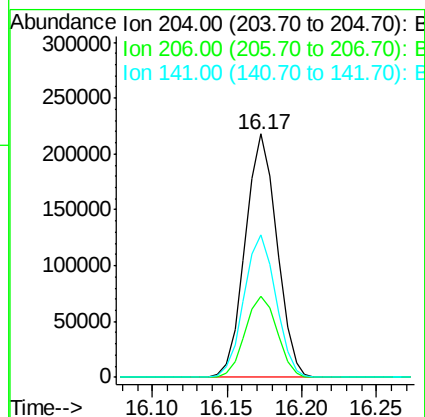
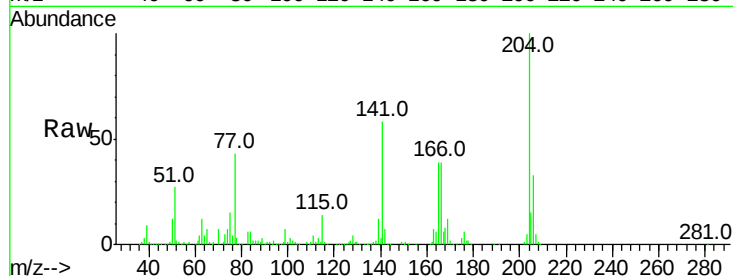




#60
4-Chlorophenyl-phenylether
Concen: 45.52 ng
RT: 16.17 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

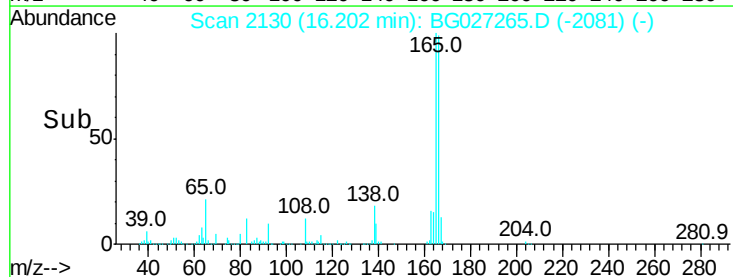
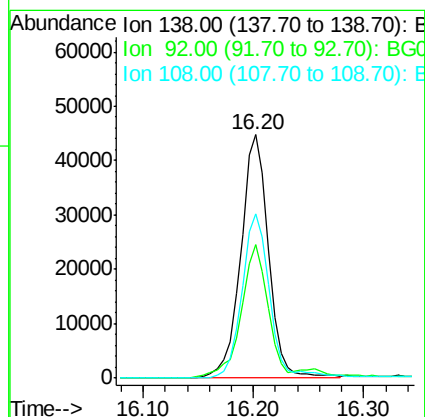
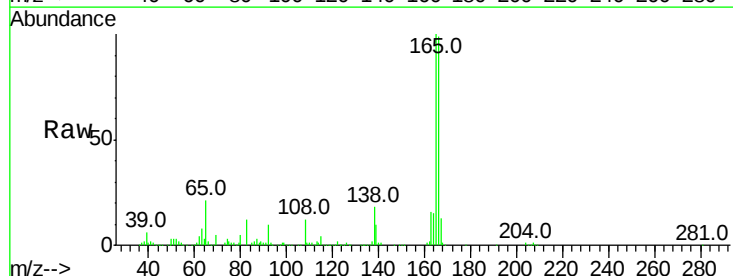
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

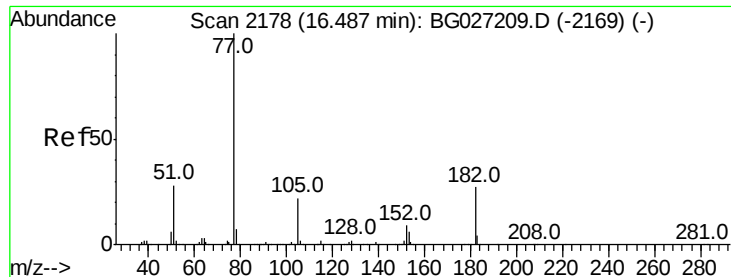
Tot Ion:204 Resp: 319434
Ion Ratio Lower Upper
204 100
206 33.3 30.1 45.1
141 58.3 50.6 76.0



#61
4-Nitroaniline
Concen: 30.25 ng
RT: 16.20 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:138 Resp: 79131
Ion Ratio Lower Upper
138 100
92 54.6 44.2 84.2
108 67.5 104.8 144.8#





#62

Azobenzene

Concen: 50.60 ng

RT: 16.47 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

Tot Ion: 77 Resp: 618161

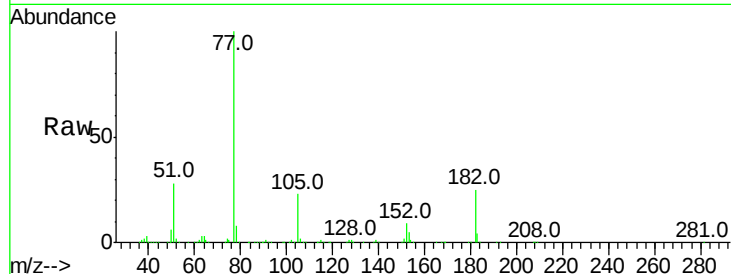
Ion Ratio Lower Upper

77 100

182 24.7 4.7 44.7

105 22.9 0.0 36.3

51 27.6 16.4 56.4

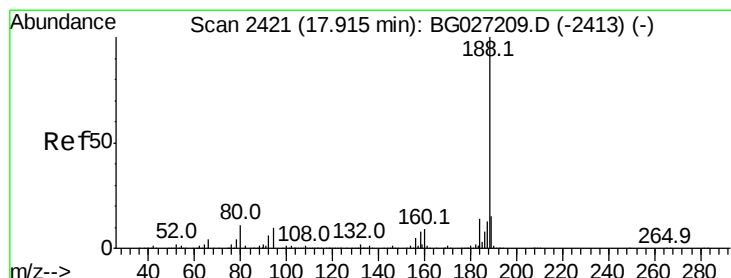
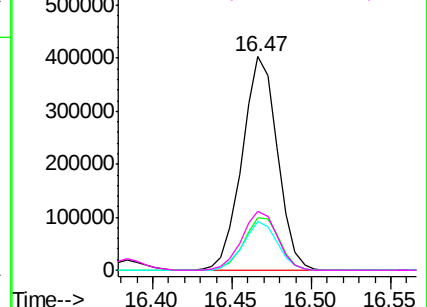
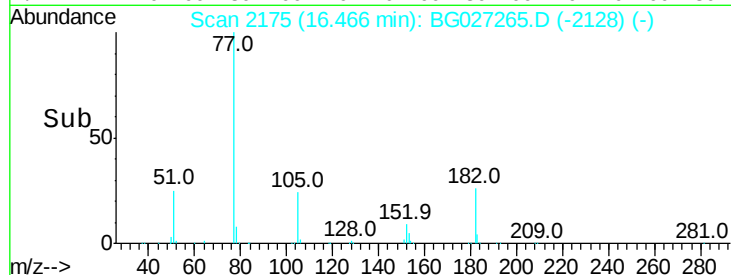


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

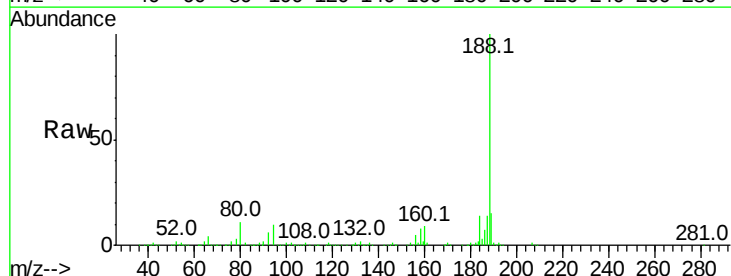
Tgt Ion: 188 Resp: 395840

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

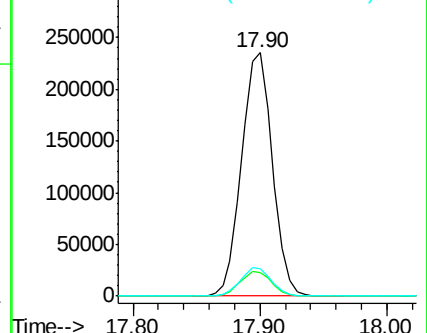
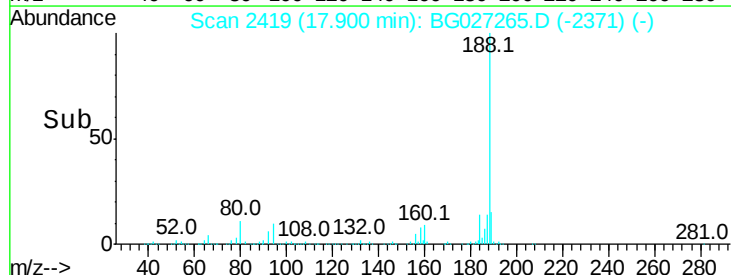
80 11.1 7.5 11.3

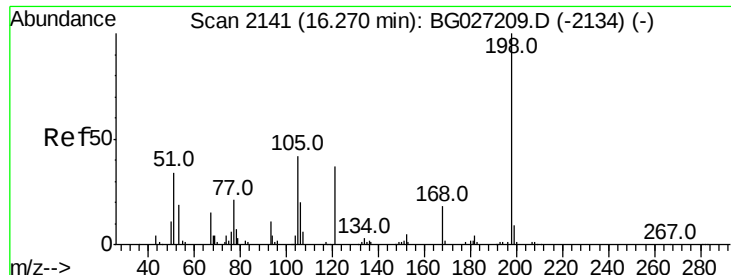


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

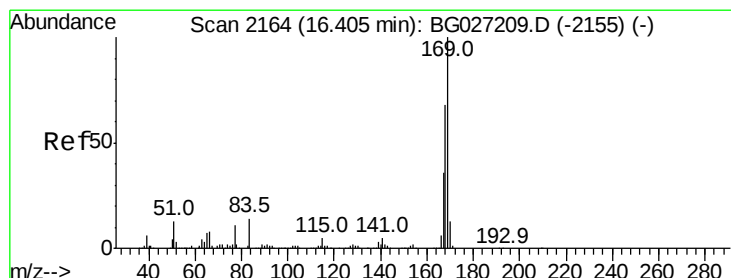
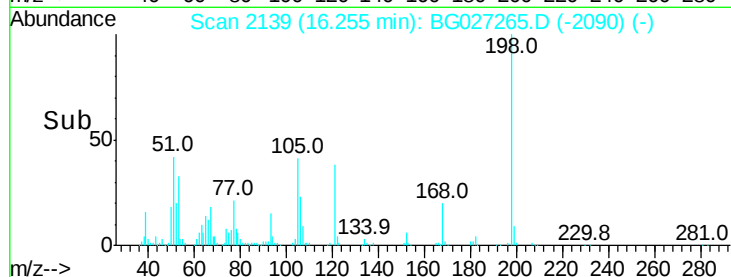
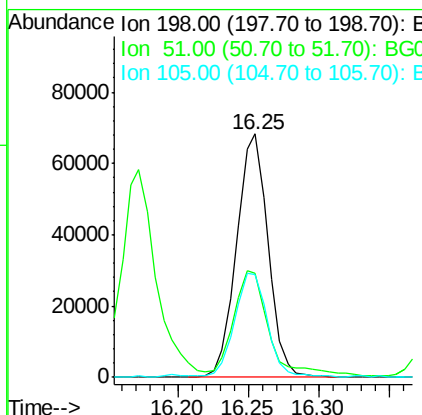
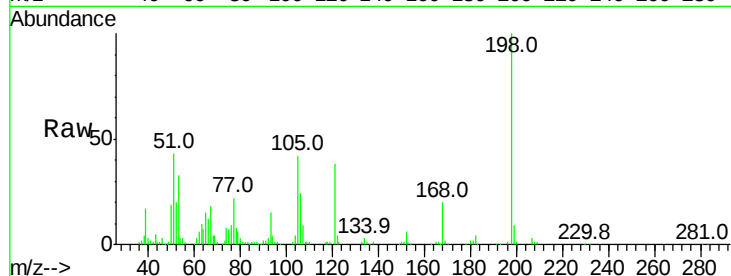




#64
4,6-Dinitro-2-methylphenol
Concen: 56.78 ng
RT: 16.25 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

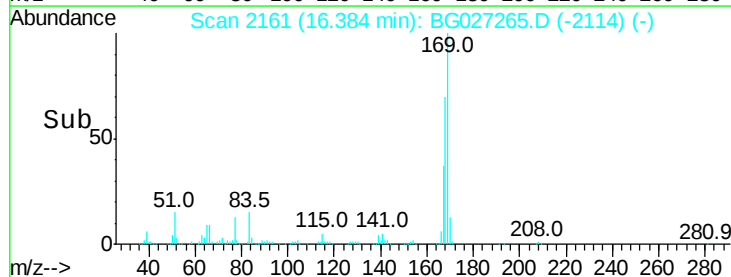
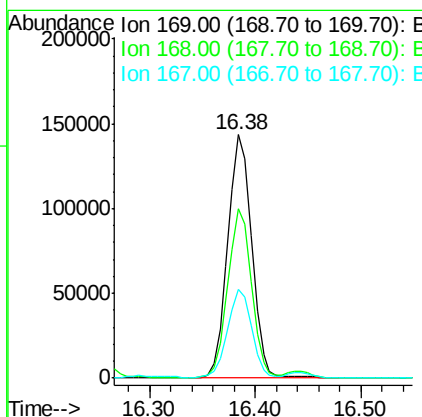
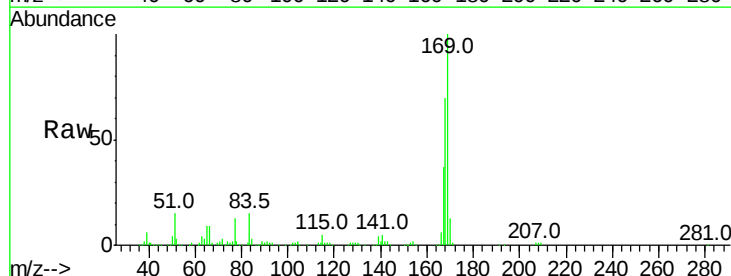
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

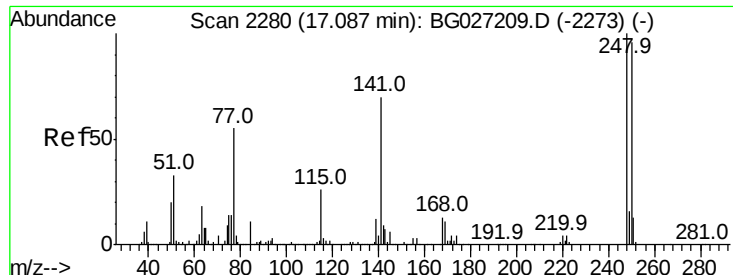
Tot Ion:198 Resp: 106427
Ion Ratio Lower Upper
198 100
51 42.7 22.6 62.6
105 42.4 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 18.15 ng
RT: 16.38 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:169 Resp: 225224
Ion Ratio Lower Upper
169 100
168 69.6 55.7 83.5
167 36.6 29.8 44.6

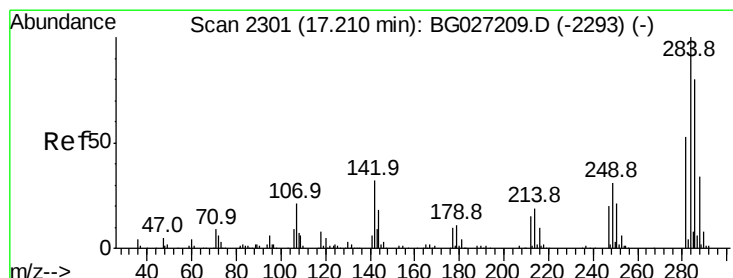
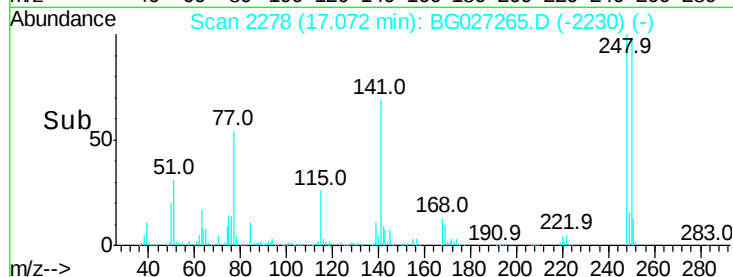
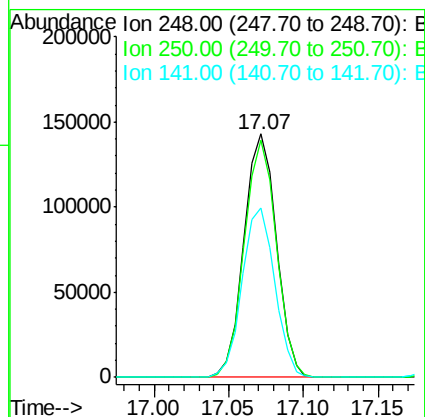
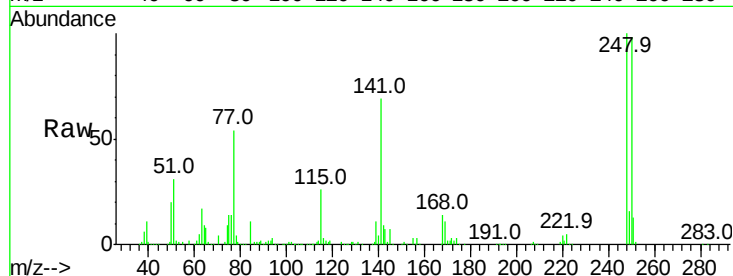




#66
4-Bromophenyl-phenylether
Concen: 45.76 ng
RT: 17.07 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

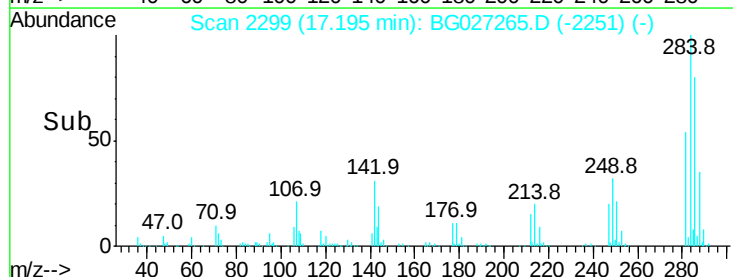
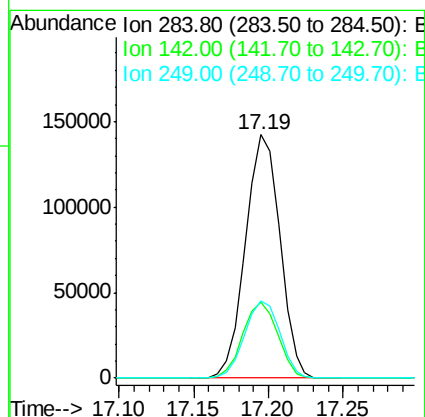
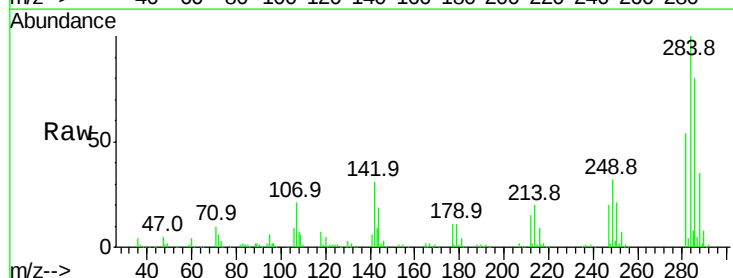
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

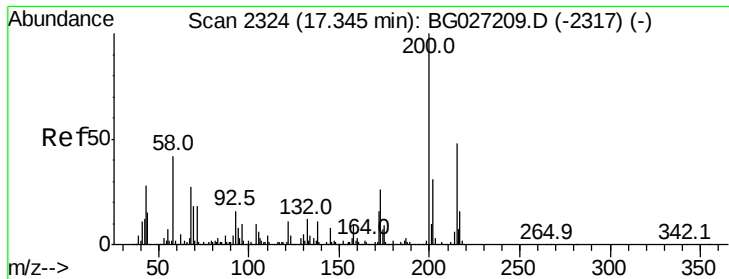
Tot Ion:248 Resp: 214409
Ion Ratio Lower Upper
248 100
250 97.6 75.0 112.6
141 69.5 55.2 82.8



#67
Hexachlorobenzene
Concen: 45.16 ng
RT: 17.19 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:284 Resp: 227549
Ion Ratio Lower Upper
284 100
142 31.3 29.9 44.9
249 31.7 29.2 43.8

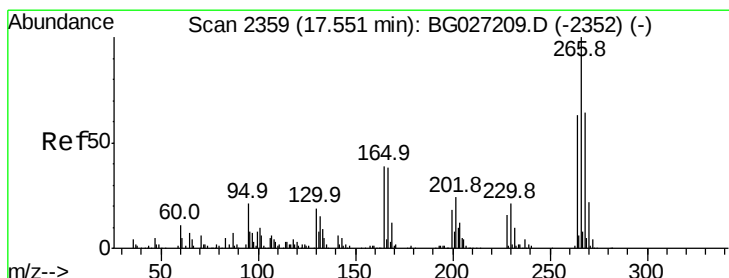
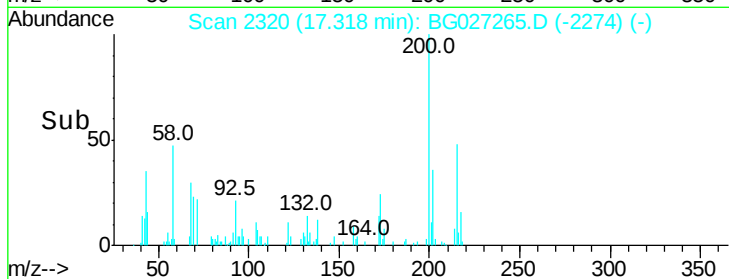
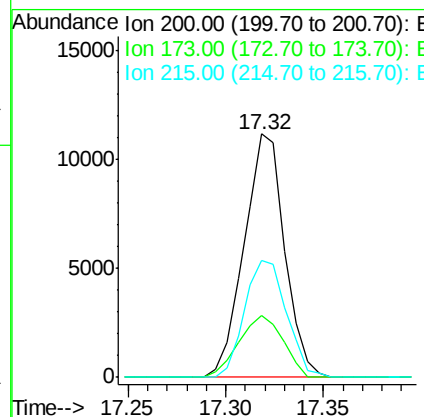
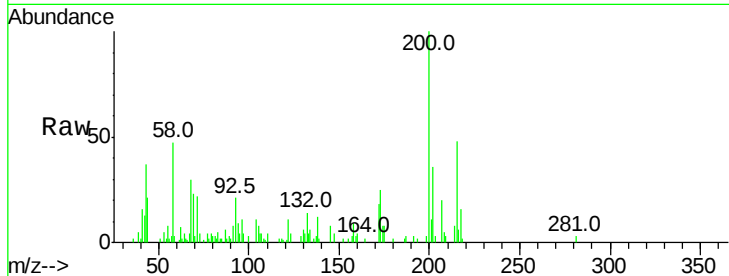




#68
Atrazine
Concen: 3.87 ng
RT: 17.32 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

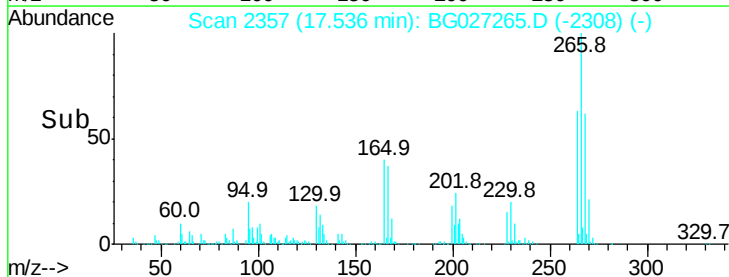
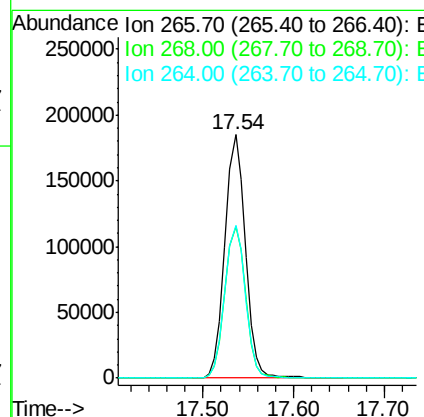
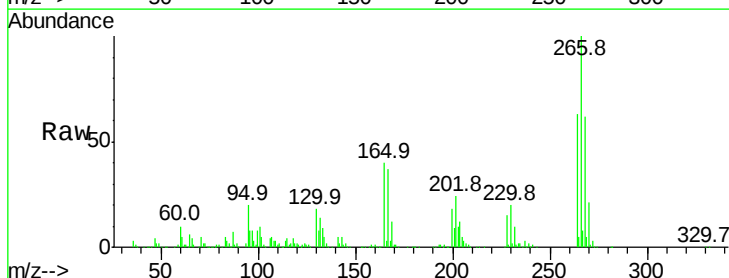
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

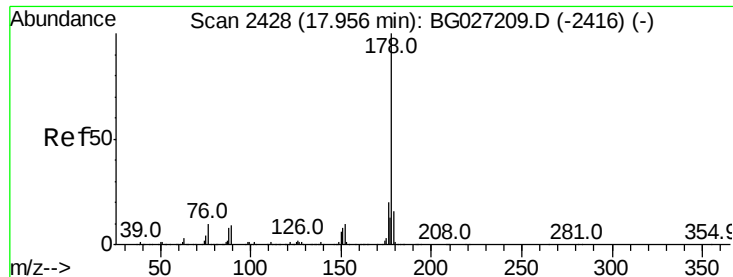
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	3.0	43.0
215	48.0	28.4	68.4



#69
Pentachlorophenol
Concen: 98.39 ng
RT: 17.54 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	48.6	72.8
264	62.8	50.1	75.1





#70

Phenanthrene

Concen: 46.28 ng

RT: 17.94 min Scan# 2426

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

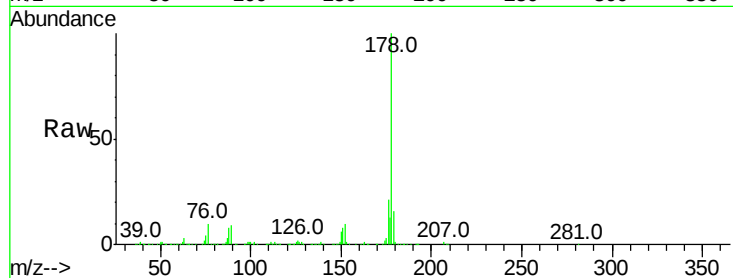
Tot Ion:178 Resp: 1030596

Ion Ratio Lower Upper

178 100

176 20.8 17.7 26.5

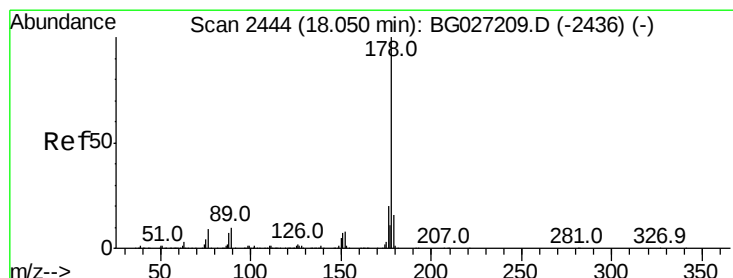
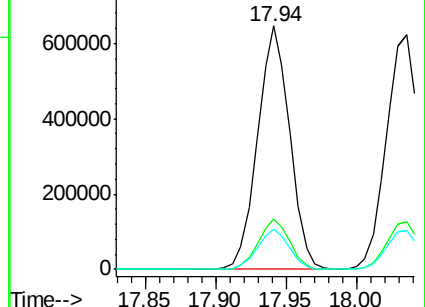
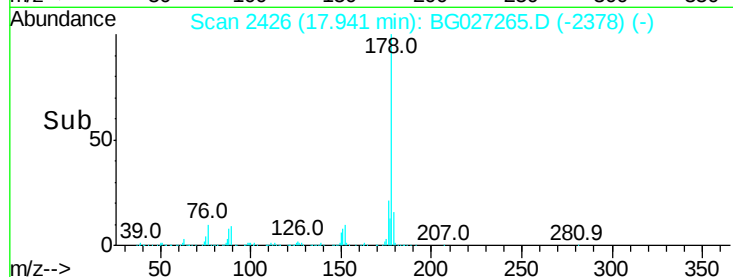
179 16.4 15.0 22.6



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: 46.12 ng

RT: 18.04 min Scan# 2442

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

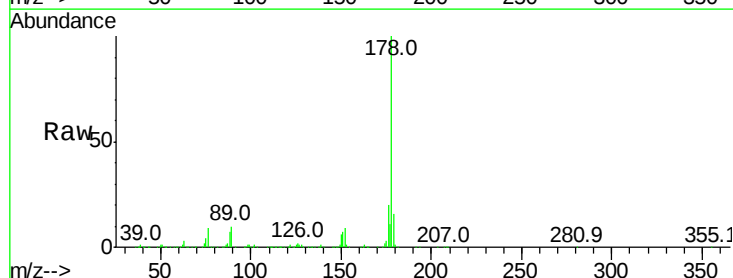
Tgt Ion:178 Resp: 1029040

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

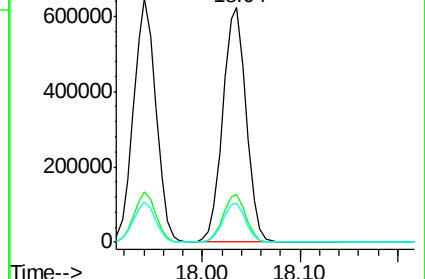
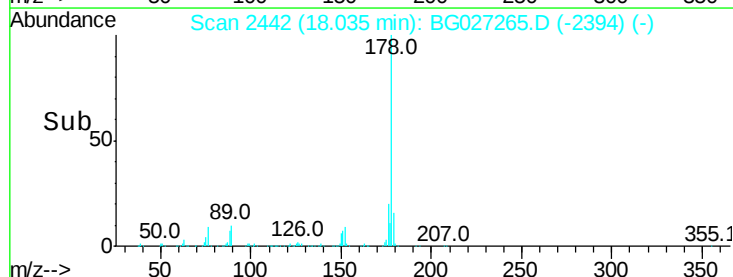
179 16.4 13.8 20.8

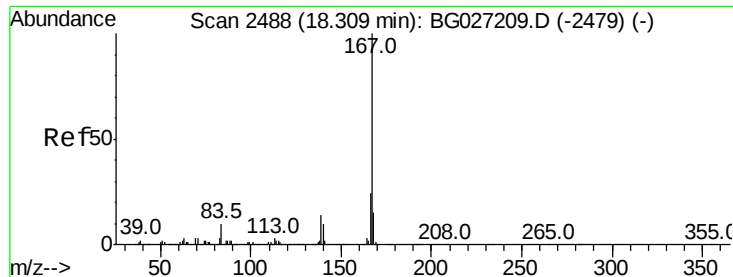


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 20.07 ng

RT: 18.29 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

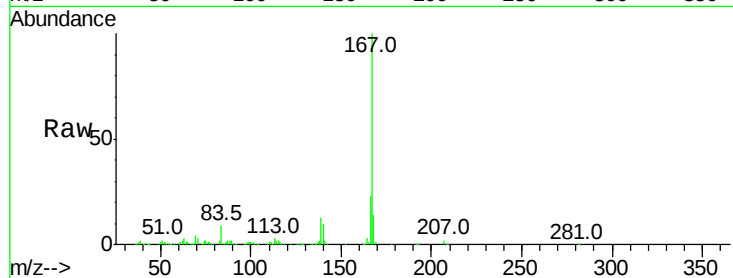
Tot Ion:167 Resp: 422458

Ion Ratio Lower Upper

167 100

166 23.1 20.2 30.2

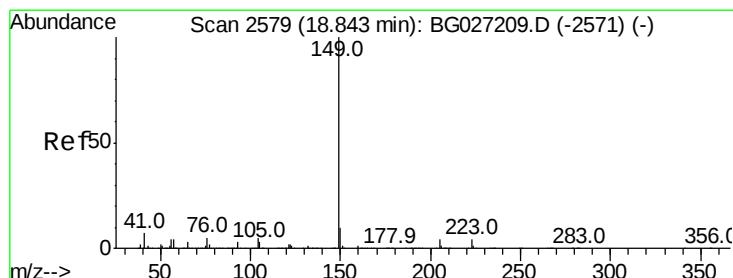
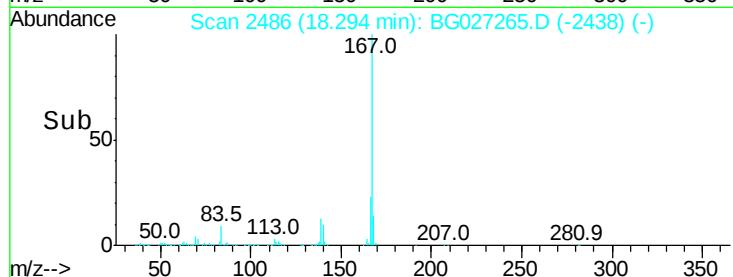
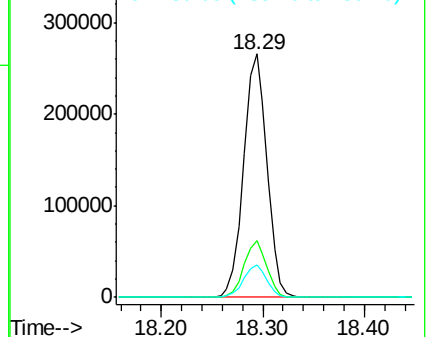
139 13.3 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 53.55 ng

RT: 18.82 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

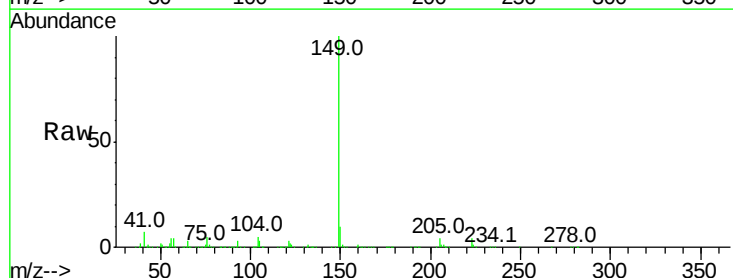
Tgt Ion:149 Resp: 1092649

Ion Ratio Lower Upper

149 100

150 9.9 9.1 13.7

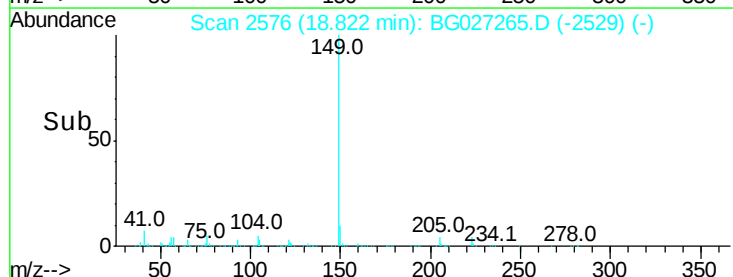
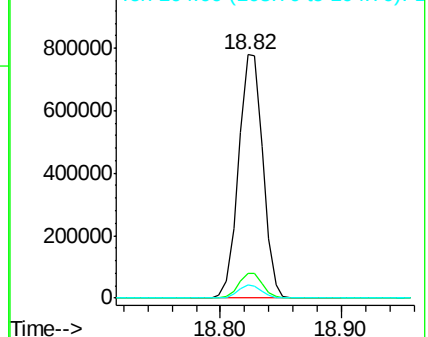
104 5.2 6.7 10.1#

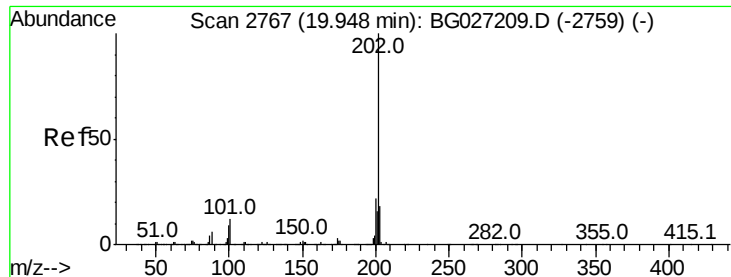


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 48.89 ng

RT: 19.93 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

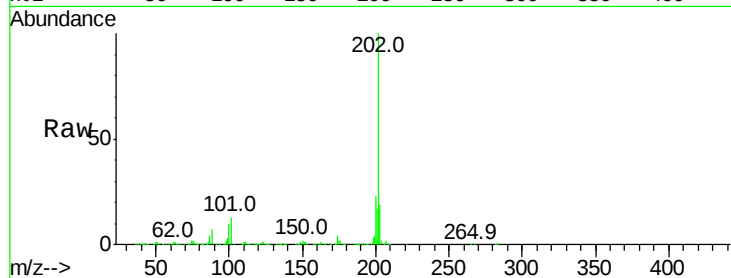
Tot Ion:202 Resp: 1163104

Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.1

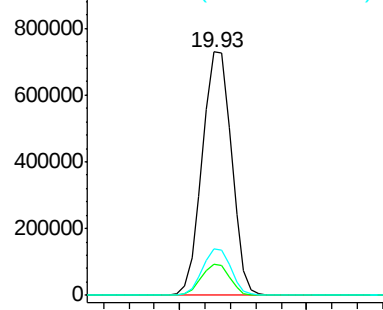
203 19.2 1.3 41.3



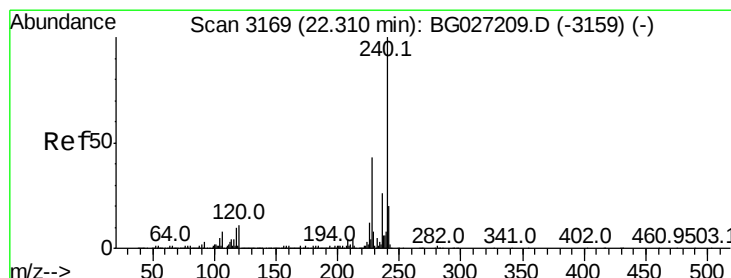
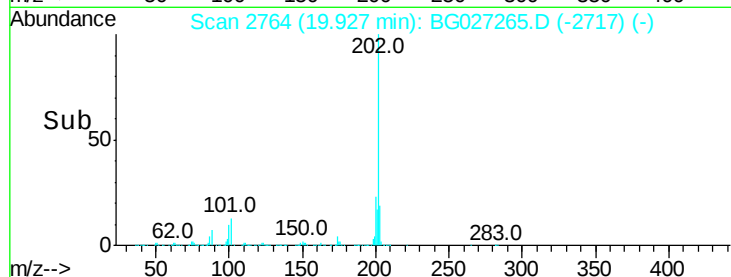
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

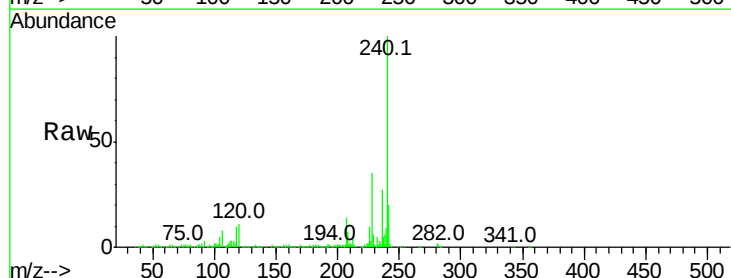
Tgt Ion:240 Resp: 455809

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

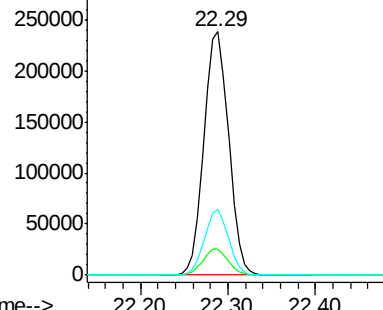
236 27.1 22.2 33.4



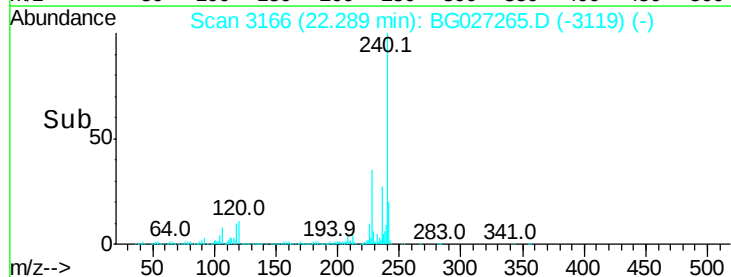
Abundance Ion 240.00 (239.70 to 240.70): E

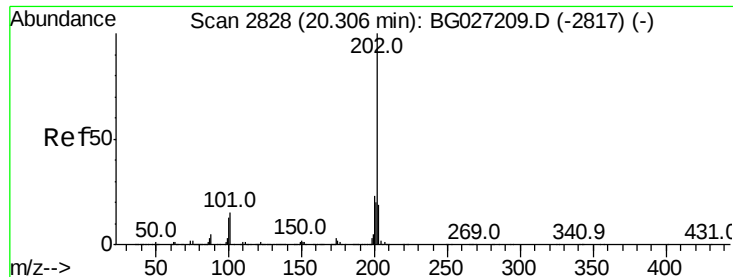
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 43.31 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

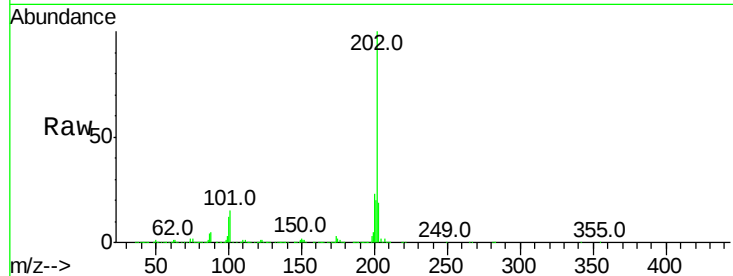
Tot Ion:202 Resp: 1192802

Ion Ratio Lower Upper

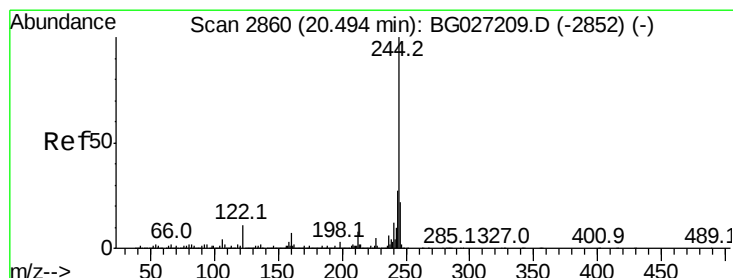
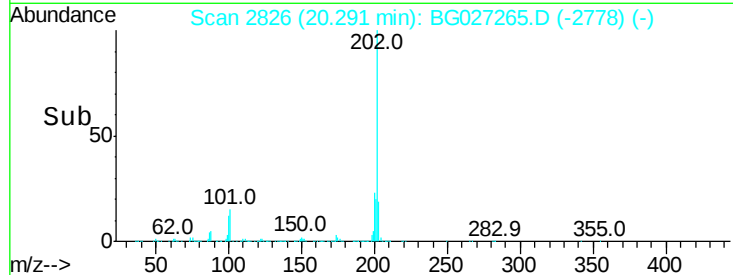
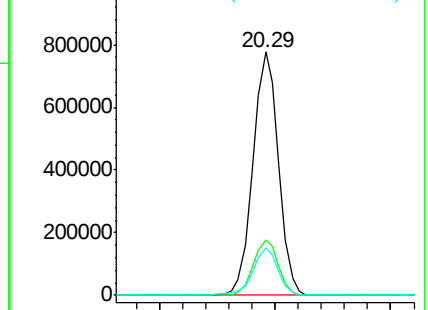
202 100

200 22.9 19.6 29.4

203 19.4 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.20 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

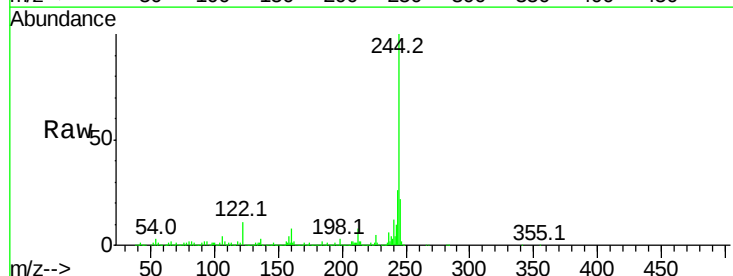
Tgt Ion:244 Resp: 1683168

Ion Ratio Lower Upper

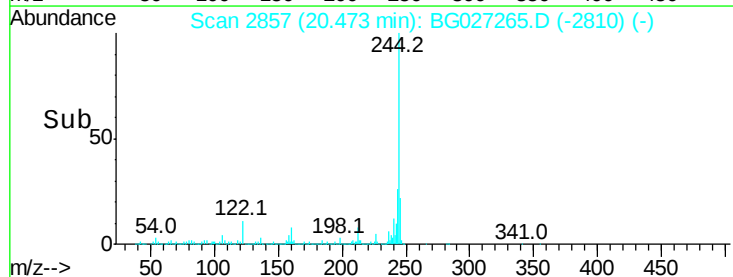
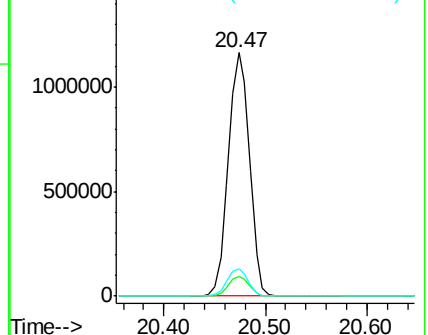
244 100

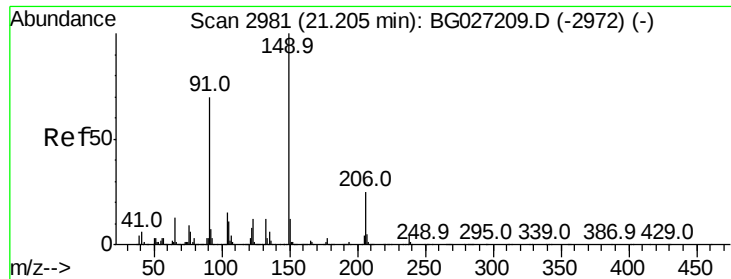
212 8.3 10.0 15.0#

122 11.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

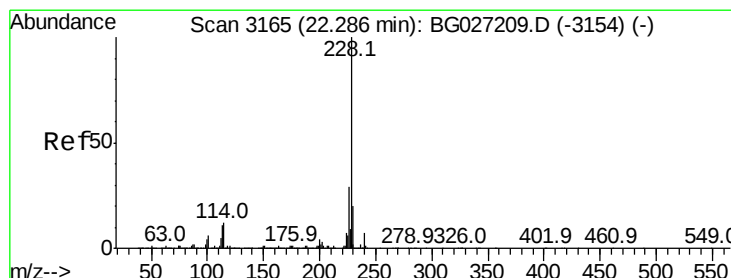
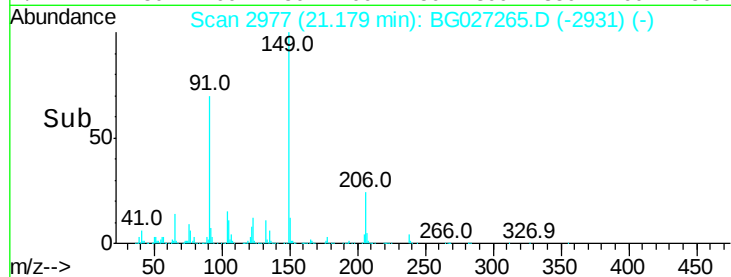
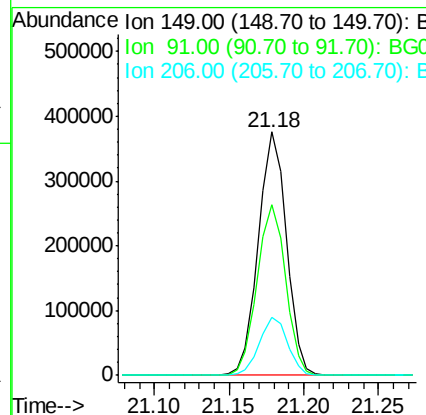
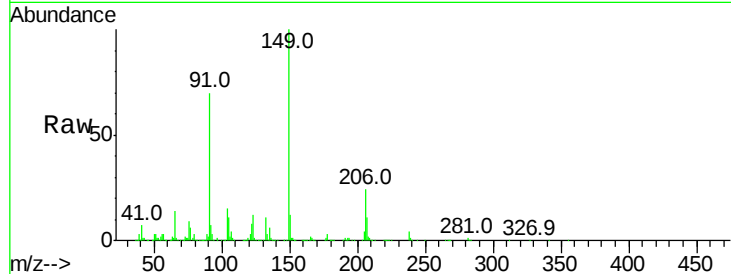




#79
Butylbenzylphthalate
Concen: 49.88 ng
RT: 21.18 min Scan# 2977
Delta R.T. -0.03 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

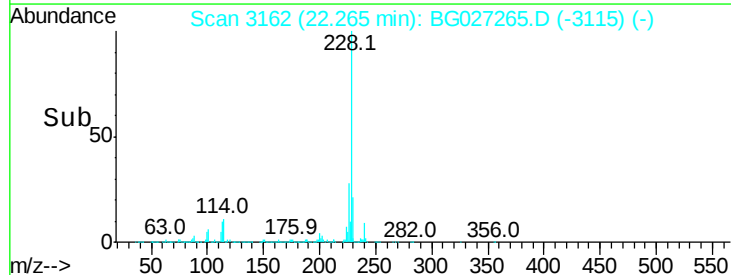
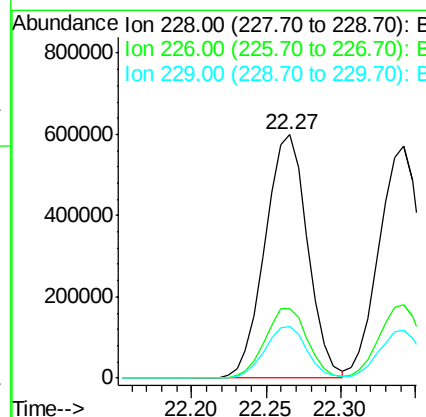
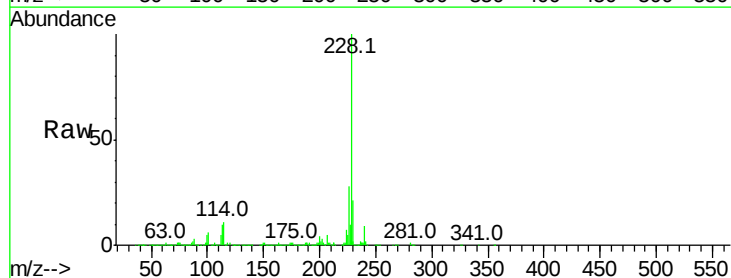
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

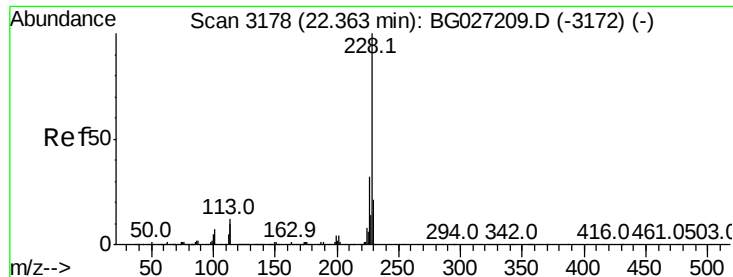
Tot Ion:149 Resp: 485376
Ion Ratio Lower Upper
149 100
91 70.3 63.5 95.3
206 23.6 21.0 31.6



#80
Benzo(a)anthracene
Concen: 45.66 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:228 Resp: 1186761
Ion Ratio Lower Upper
228 100
226 28.3 24.9 37.3
229 21.2 18.2 27.2





#82

Chrysene

Concen: 44.85 ng

RT: 22.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

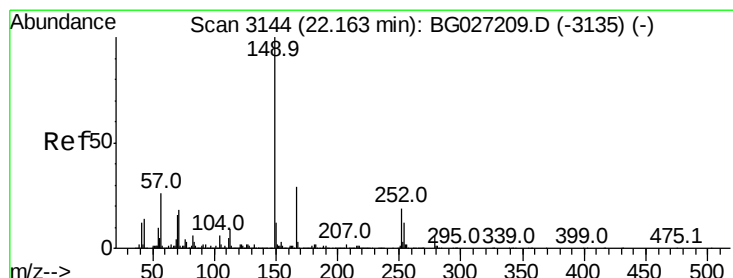
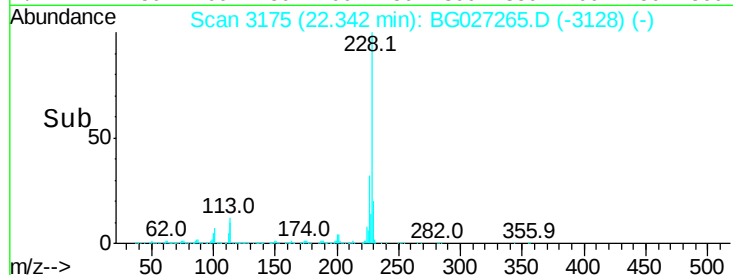
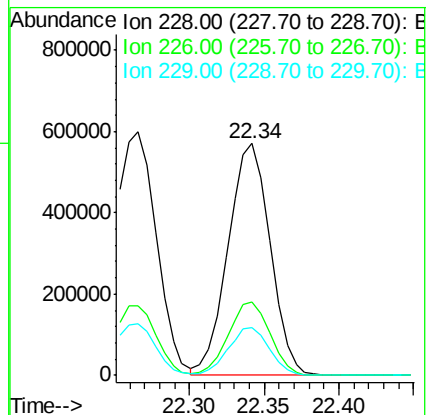
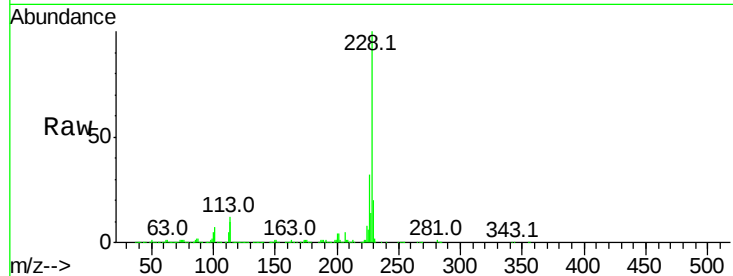
Tot Ion:228 Resp: 1119299

Ion Ratio Lower Upper

228 100

226 31.9 27.0 40.4

229 20.5 17.8 26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.33 ng

RT: 22.13 min Scan# 3139

Delta R.T. -0.03 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

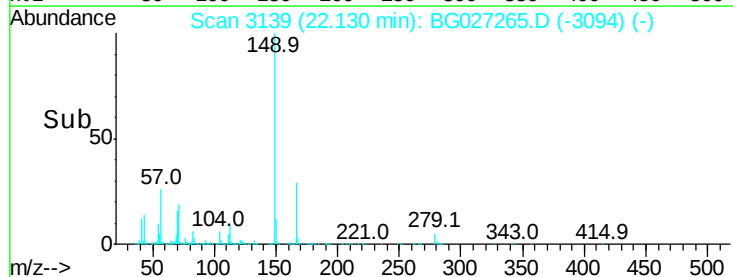
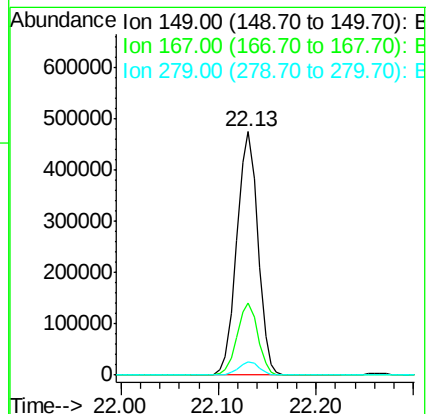
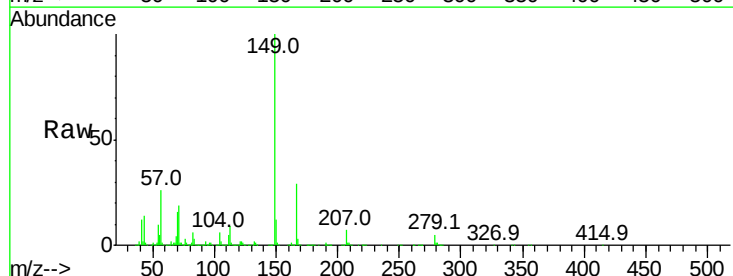
Tgt Ion:149 Resp: 710743

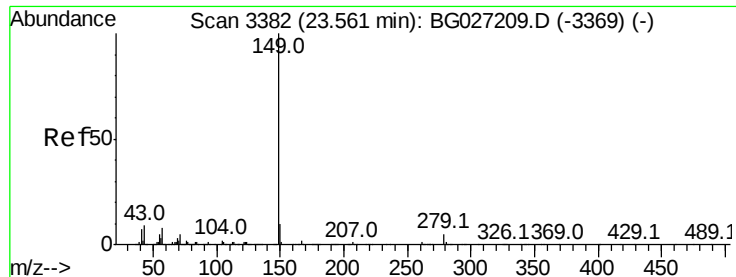
Ion Ratio Lower Upper

149 100

167 29.5 23.7 35.5

279 5.4 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 48.54 ng

RT: 23.51 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

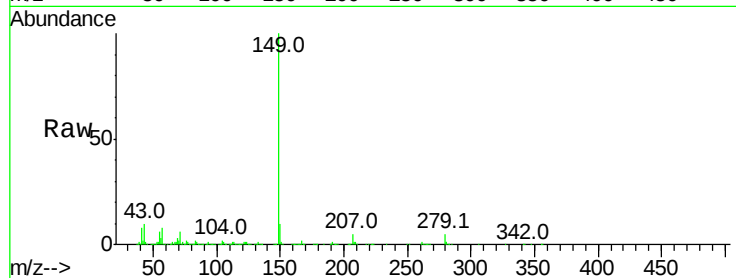
Tot Ion:149 Resp: 1182273

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

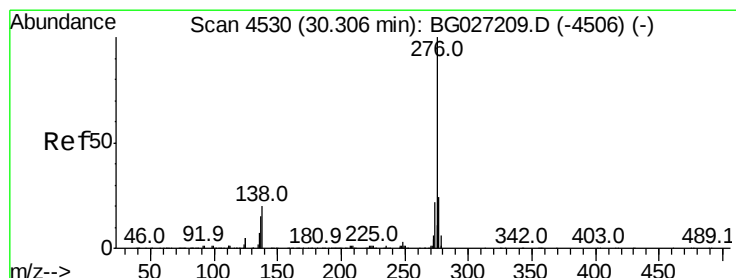
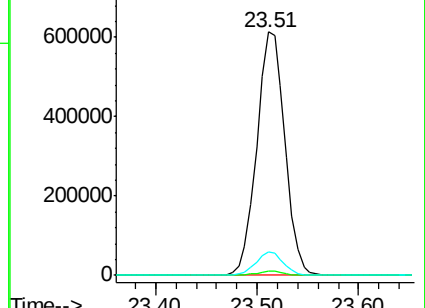
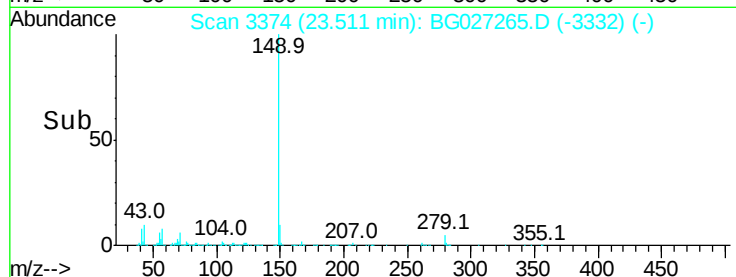
43 9.4 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.59 ng

RT: 30.24 min Scan# 4520

Delta R.T. -0.06 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

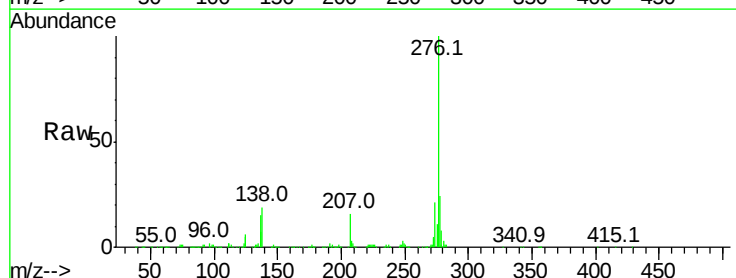
Tgt Ion:276 Resp: 1347607

Ion Ratio Lower Upper

276 100

138 15.5 4.7 7.1#

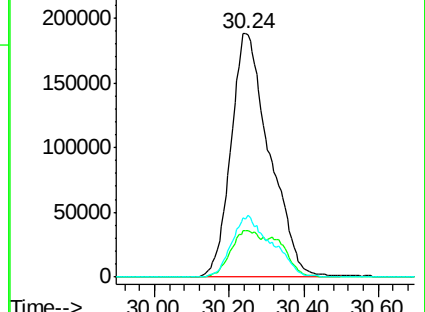
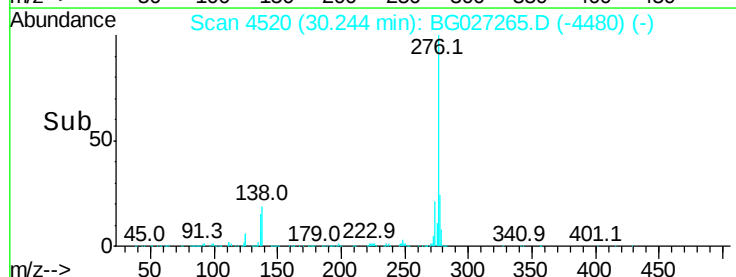
277 26.1 20.6 31.0

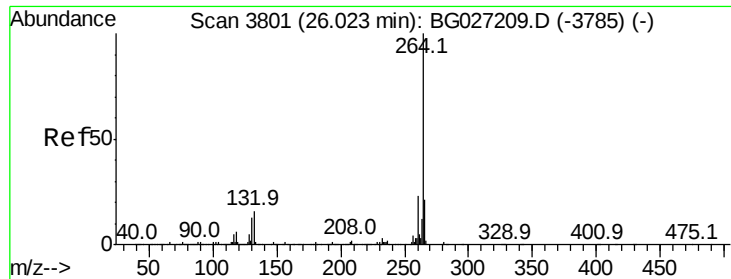


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

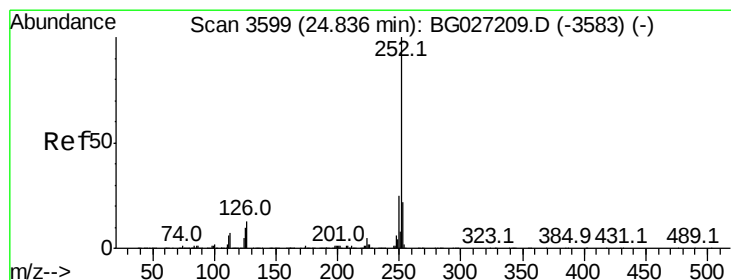
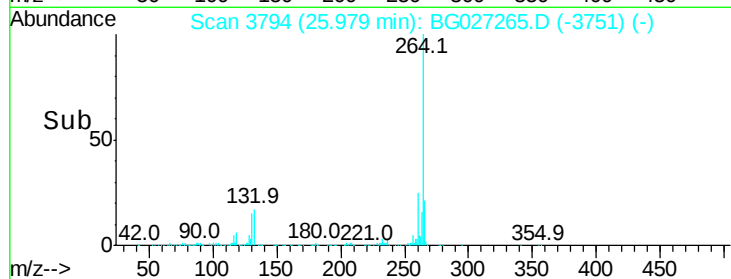
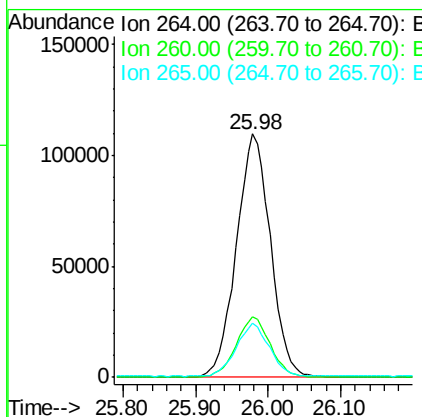
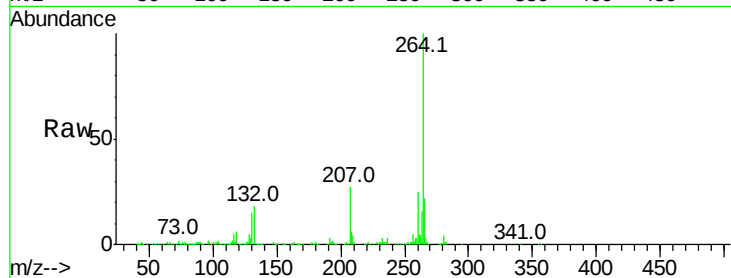




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3794
Delta R.T. -0.04 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

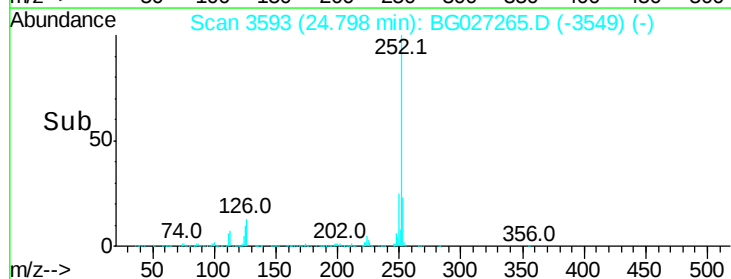
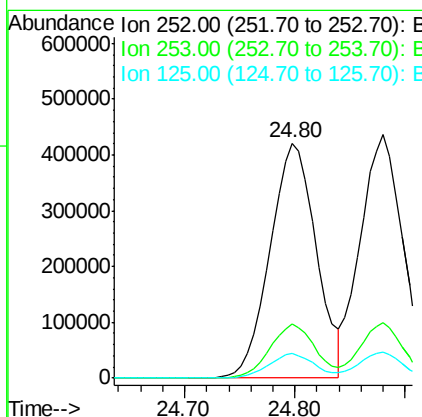
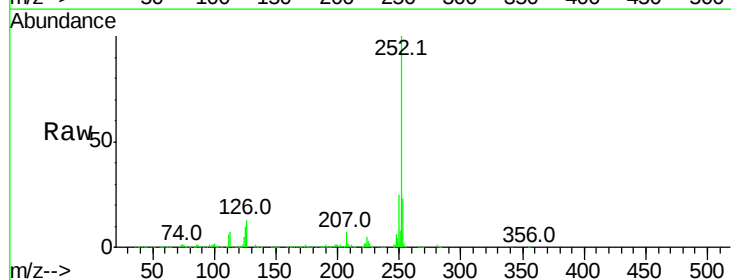
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

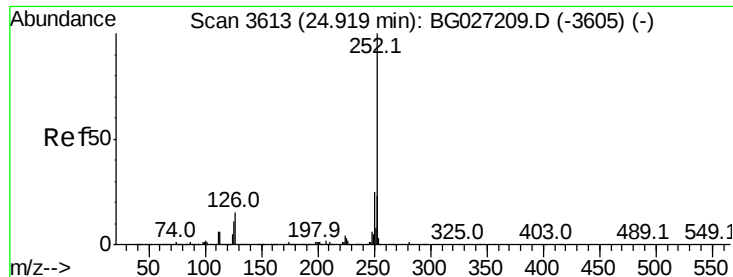
Tot Ion:264 Resp: 357033
Ion Ratio Lower Upper
264 100
260 24.8 21.8 32.8
265 22.1 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 54.94 ng
RT: 24.80 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG027265.D
Acq: 7 Jun 2017 1:23

Tgt Ion:252 Resp: 1216563
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 10.4 5.3 7.9#





#88

Benzo(k)fluoranthene

Concen: 53.83 ng

RT: 24.88 min Scan# 3607

Delta R.T. -0.04 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

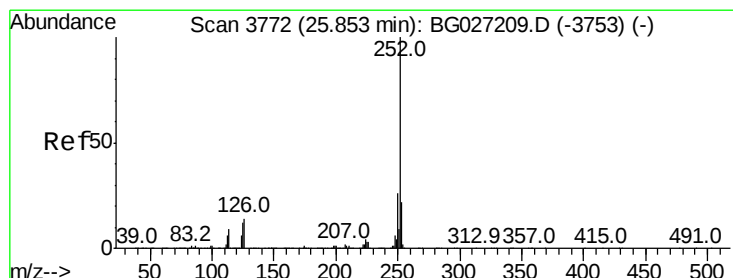
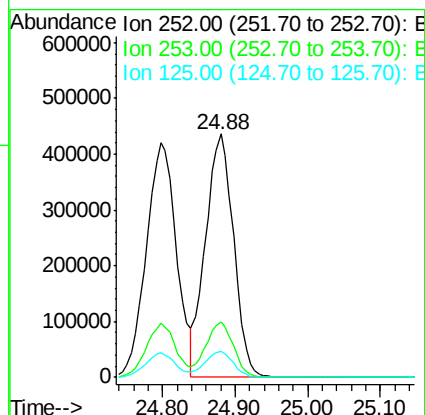
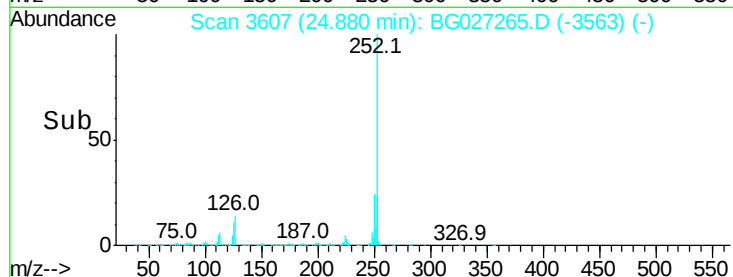
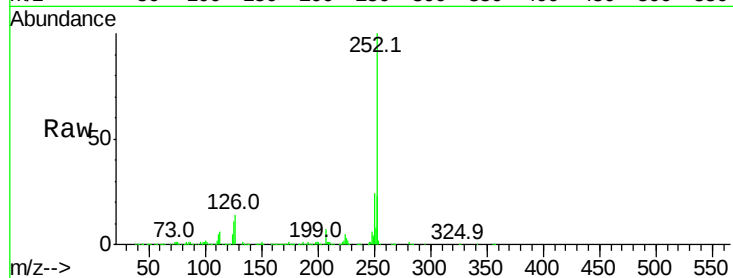
Tot Ion:252 Resp: 1169401

Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

125 10.6 5.1 7.7#



#89

Benzo(a)pyrene

Concen: 51.86 ng

RT: 25.81 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

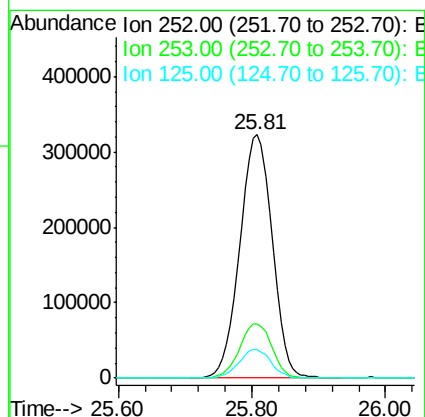
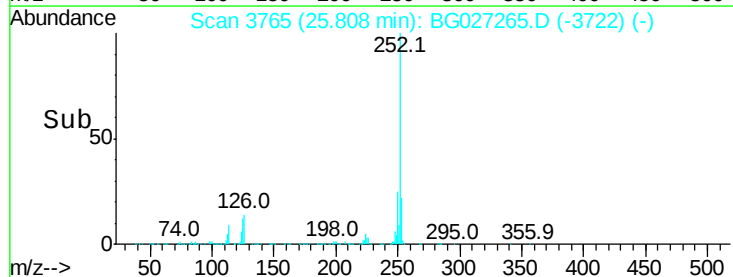
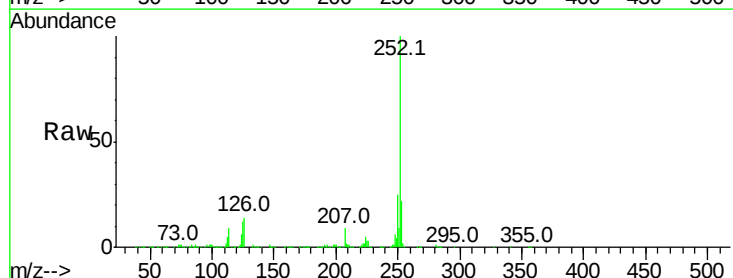
Tgt Ion:252 Resp: 1081011

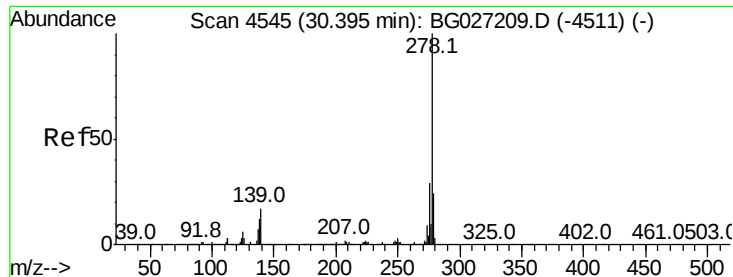
Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

125 11.7 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 54.69 ng

RT: 30.33 min Scan# 4535

Delta R.T. -0.06 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MS

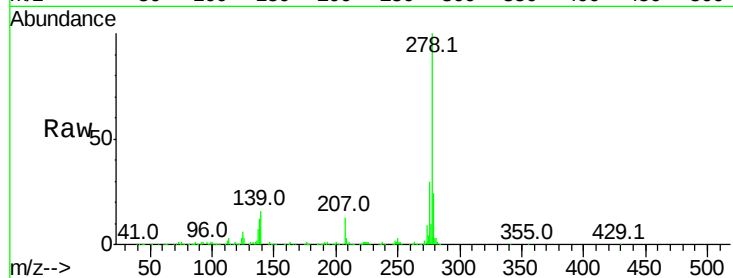
Tot Ion:278 Resp: 1193467

Ion Ratio Lower Upper

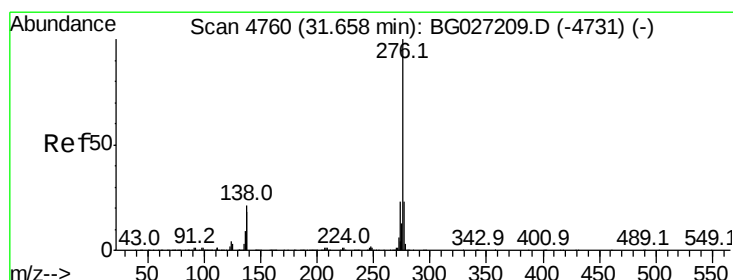
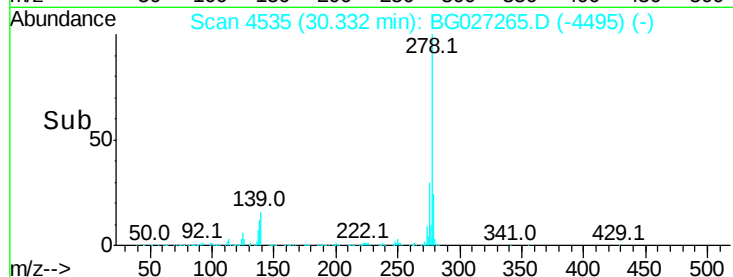
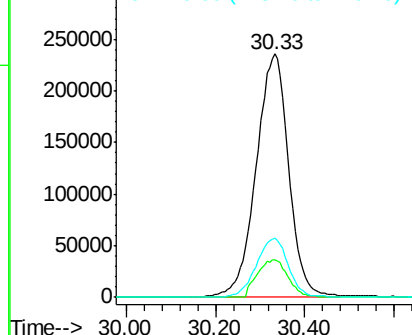
278 100

139 15.5 7.7 11.5#

279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.67 ng

RT: 31.59 min Scan# 4749

Delta R.T. -0.07 min

Lab File: BG027265.D

Acq: 7 Jun 2017 1:23

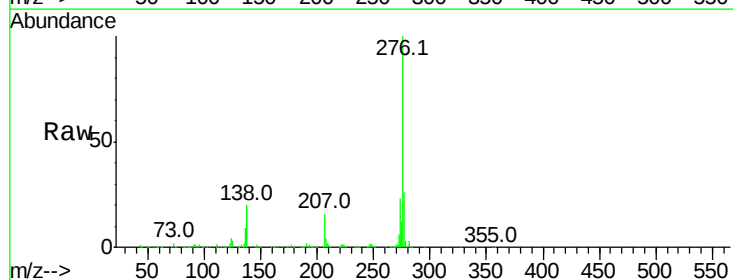
Tgt Ion:276 Resp: 1070709

Ion Ratio Lower Upper

276 100

277 25.9 18.6 27.8

138 19.8 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

