

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027266.D
 Acq On : 7 Jun 2017 2:02
 Operator : SJ/MA
 Sample : I3466-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 07 05:20:28 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	53249	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	254922	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	167513	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	390965	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	453988	20.00	ng	-0.02
86) Perylene-d12	25.99	264	413068	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	494789	141.79	ng	0.00
7) Phenol-d6	7.70	99	648448	126.59	ng	0.00
23) Nitrobenzene-d5	9.73	82	424232	104.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	338178	153.31	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	1025570	85.65	ng	-0.02
78) Terphenyl-d14	20.47	244	1607152	90.31	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.17	88	51967	35.92	ng	84
3) Pyridine	4.55	79	121158	27.16	ng	# 74
4) n-Nitrosodimethylamine	4.45	42	69790	42.26	ng	# 55
6) Aniline	7.89	93	190133	29.48	ng	# 93
8) 2-Chlorophenol	8.13	128	185666	50.39	ng	89
9) Benzaldehyde	7.71	77	79762	22.52	ng	86
10) Phenol	7.72	94	234261	44.72	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	186746	43.46	ng	# 83
12) 1,3-Dichlorobenzene	8.45	146	166537	40.07	ng	# 92
13) 1,4-Dichlorobenzene	8.60	146	172387	40.42	ng	97
14) 1,2-Dichlorobenzene	8.92	146	169035	40.63	ng	94
15) Benzyl Alcohol	8.79	79	188651	52.27	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.07	45	274702	44.68	ng	91
17) 2-Methylphenol	8.98	107	177222	47.86	ng	# 86
18) Hexachloroethane	9.65	117	60612	42.19	ng	87
19) n-Nitroso-di-n-propylamine	9.36	70	162011	45.21	ng	# 85
20) 3+4-Methylphenols	9.31	107	242577	47.29	ng	91
22) Acetophenone	9.38	105	297053	45.57	ng	# 83
24) Nitrobenzene	9.77	77	225020	48.73	ng	# 88
25) Isophorone	10.29	82	451229	47.34	ng	# 96
26) 2-Nitrophenol	10.48	139	98267	51.07	ng	# 76
27) 2,4-Dimethylphenol	10.52	122	212887	51.95	ng	91
28) bis(2-Chloroethoxy)methane	10.76	93	281464	45.61	ng	99
29) 2,4-Dichlorophenol	11.02	162	193228	51.65	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	176390	42.58	ng	98
31) Naphthalene	11.44	128	664165	47.67	ng	99
32) Benzoic acid	10.63	122	122001	43.87	ng	# 85
33) 4-Chloroaniline	11.53	127	23995	4.13	ng	# 86
34) Hexachlorobutadiene	11.71	225	104527	41.06	ng	97
35) Caprolactam	12.31	113	36724	28.62	ng	# 70
36) 4-Chloro-3-methylphenol	12.60	107	241539	51.51	ng	91
37) 2-Methylnaphthalene	13.21	142	438496	43.15	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	216049	41.40	ng	98
40) Hexachlorocyclopentadiene	13.34	237	276237	99.45	ng	96

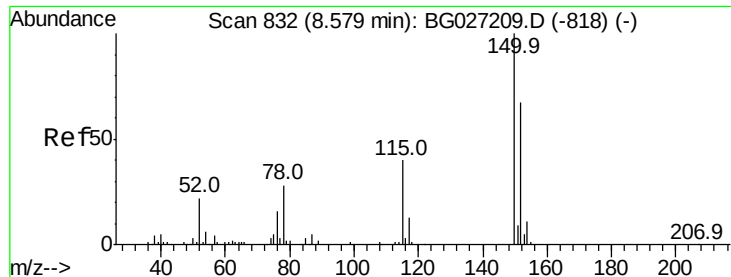
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	160192	50.61	nq	96
43) 2,4,5-Trichlorophenol	13.65	196	179096	50.56	nq	94
45) 1,1'-Biphenyl	13.98	154	604833	44.24	nq	97
46) 2-Chloronaphthalene	14.04	162	454320	44.32	nq	99
47) 2-Nitroaniline	14.22	65	158295	53.40	nq	# 83
48) Acenaphthylene	14.88	152	759072	43.75	nq	98
49) Dimethylphthalate	14.59	163	623715	46.94	nq	98
50) 2,6-Dinitrotoluene	14.70	165	134980	49.77	nq	# 78
51) Acenaphthene	15.21	154	554875	49.17	nq	98
52) 3-Nitroaniline	15.04	138	64429	25.76	nq	91
53) 2,4-Dinitrophenol	15.24	184	155241	104.76	nq	93
54) Dibenzofuran	15.55	168	748237	47.45	nq	91
55) 4-Nitrophenol	15.32	139	217991	86.32	nq	# 56
56) 2,4-Dinitrotoluene	15.49	165	186857	53.22	nq	# 83
57) Fluorene	16.19	166	613773	43.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	172517	54.56	nq	99
59) Diethylphthalate	15.94	149	635008	47.91	nq	98
60) 4-Chlorophenyl-phenylether	16.17	204	312539	44.30	nq	94
61) 4-Nitroaniline	16.20	138	142426	49.50	nq	# 63
62) Azobenzene	16.47	77	628327	51.15	nq	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	106951	57.49	nq	91
65) n-Nitrosodiphenylamine	16.39	169	552795	45.10	nq	98
66) 4-Bromophenyl-phenylether	17.07	248	209451	45.26	nq	97
67) Hexachlorobenzene	17.20	284	223992	45.00	nq	90
68) Atrazine	17.33	200	186798	45.57	nq	97
69) Pentachlorophenol	17.54	266	283022	97.01	nq	96
70) Phenanthrene	17.94	178	996763	45.31	nq	96
71) Anthracene	18.03	178	1008422	45.76	nq	99
72) Carbazole	18.29	167	886577	42.65	nq	96
73) Di-n-butylphthalate	18.82	149	1061706	52.68	nq	# 93
74) Fluoranthene	19.93	202	1126371	47.93	nq	95
77) Pyrene	20.29	202	1170853	42.68	nq	98
79) Butylbenzylphthalate	21.18	149	482500	49.78	nq	91
80) Benzo(a)anthracene	22.27	228	1170607	45.21	nq	95
81) 3,3'-Dichlorobenzidine	22.15	252	251658	24.99	nq	# 98
82) Chrysene	22.34	228	1096732	44.12	nq	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	684670	46.74	nq	99
84) Di-n-octyl phthalate	23.51	149	1172391	48.33	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1372013	45.58	nq	# 94
87) Benzo(b)fluoranthene	24.80	252	1205427	47.05	nq	# 95
88) Benzo(k)fluoranthene	24.88	252	1143318	45.49	nq	# 93
89) Benzo(a)pyrene	25.81	252	1136072	47.11	nq	# 95
90) Dibenzo(a,h)anthracene	30.33	278	1188523	47.08	nq	# 95
91) Benzo(g,h,i)perylene	31.59	276	1117973	45.73	nq	# 90

(#) = 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. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

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BNA_G

ClientSampleId :

SU-RO-230-060217MSD

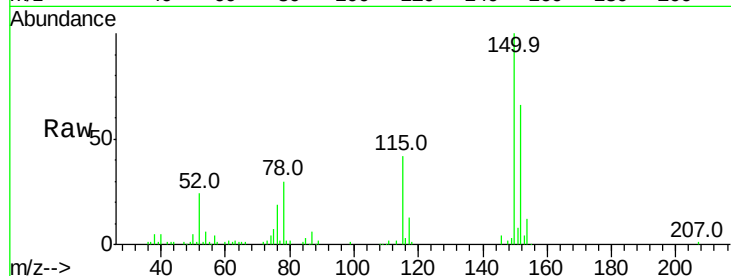
Tot Ion:152 Resp: 53249

Ion Ratio Lower Upper

152 100

150 152.3 114.0 171.0

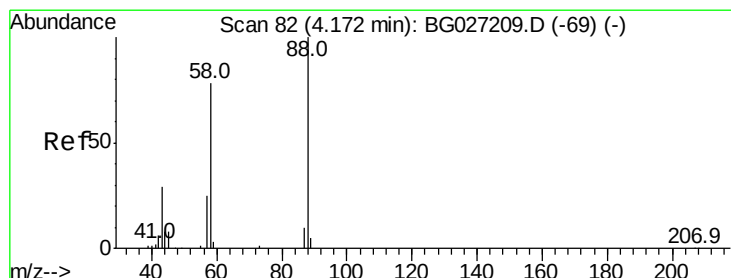
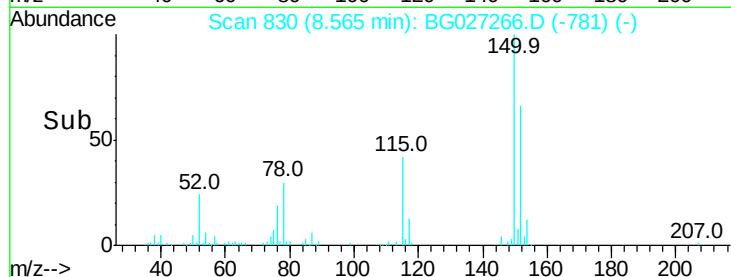
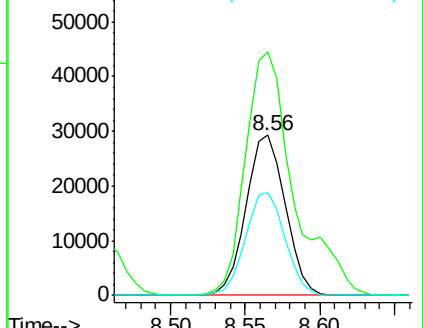
115 64.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.92 ng

RT: 4.17 min Scan# 82

Delta R.T. -0.00 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

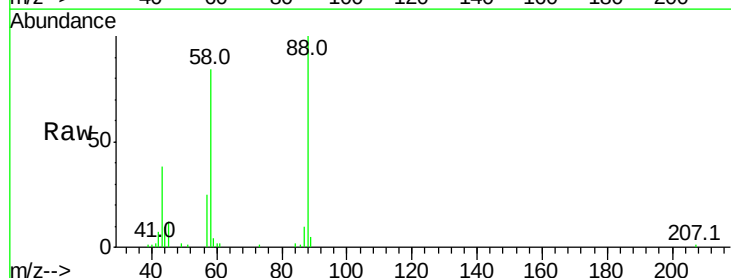
Tgt Ion: 88 Resp: 51967

Ion Ratio Lower Upper

88 100

58 79.9 79.4 119.2

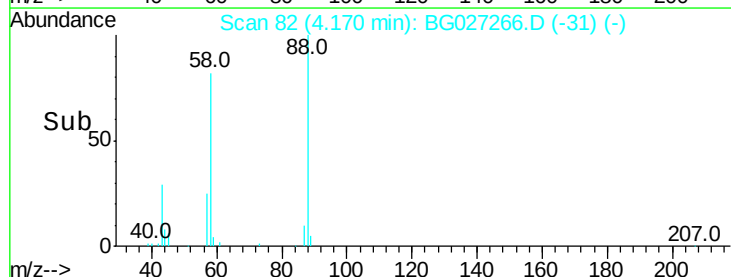
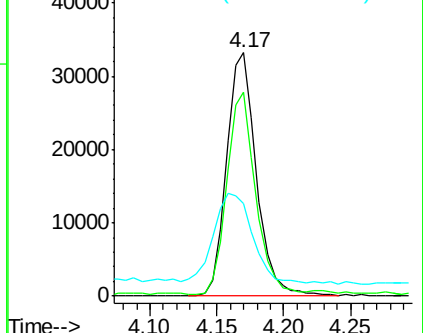
43 46.8 33.8 50.6

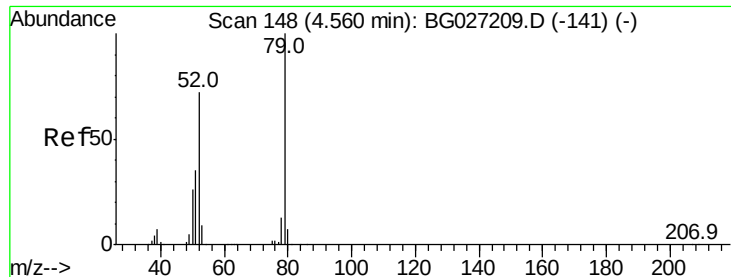


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.16 ng

RT: 4.55 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

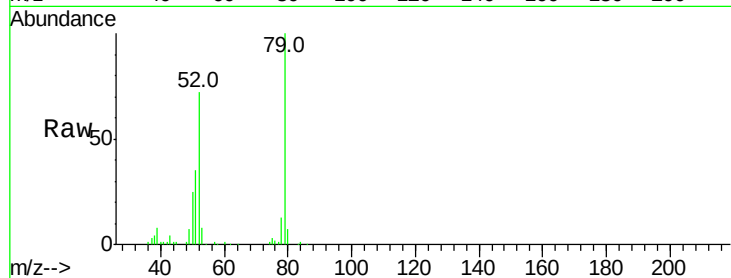
Tot Ion: 79 Resp: 121158

Ion Ratio Lower Upper

79 100

52 72.0 77.8 116.6#

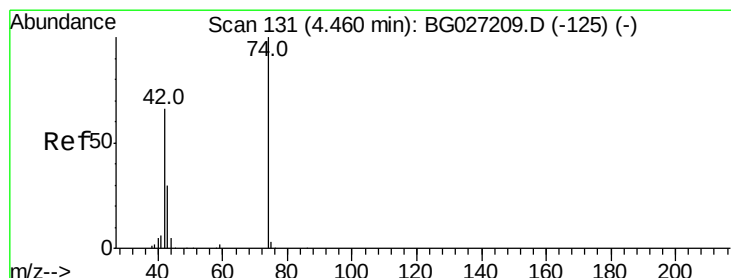
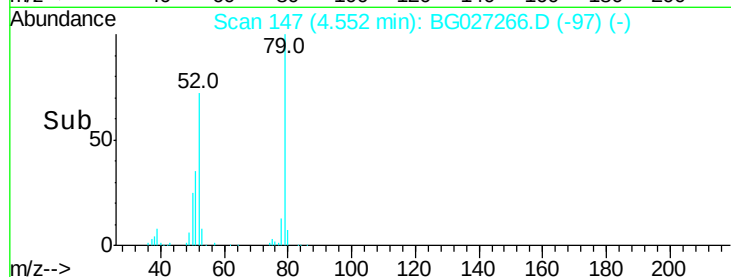
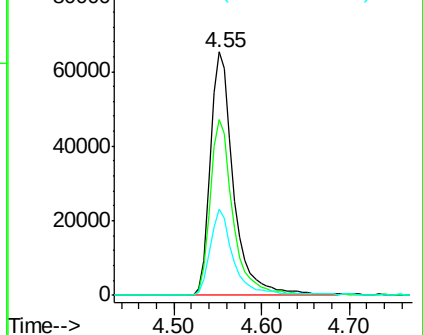
51 35.4 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.26 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

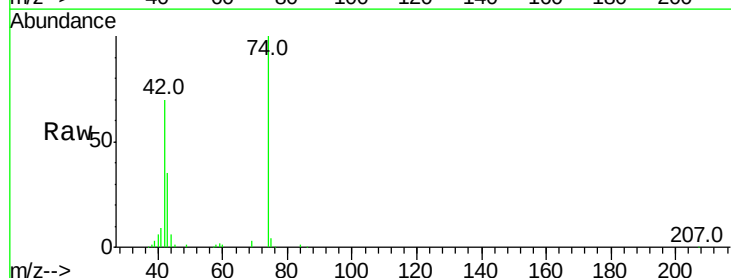
Tgt Ion: 42 Resp: 69790

Ion Ratio Lower Upper

42 100

74 142.9 76.7 115.1#

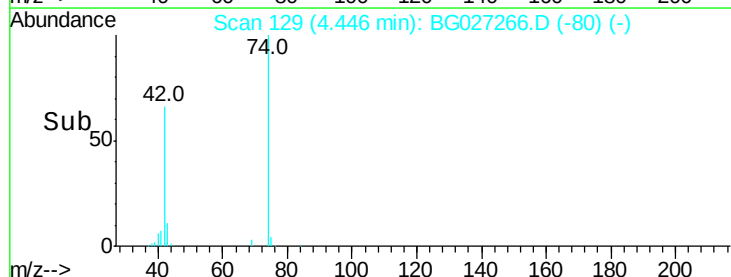
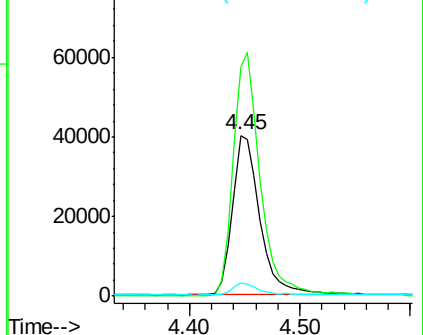
44 8.0 6.1 9.1

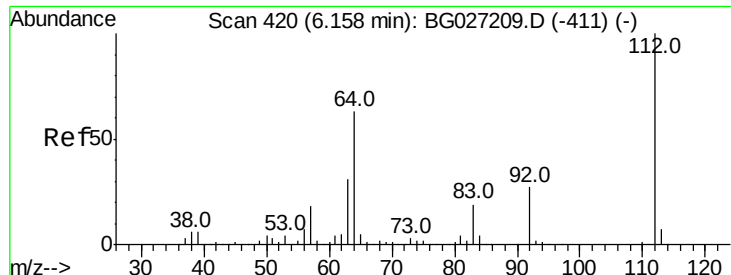


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.79 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

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ClientSampleId :

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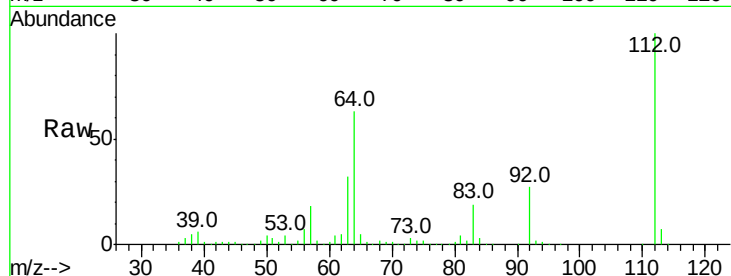
Tot Ion:112 Resp: 494789

Ion Ratio Lower Upper

112 100

64 63.4 61.8 92.6

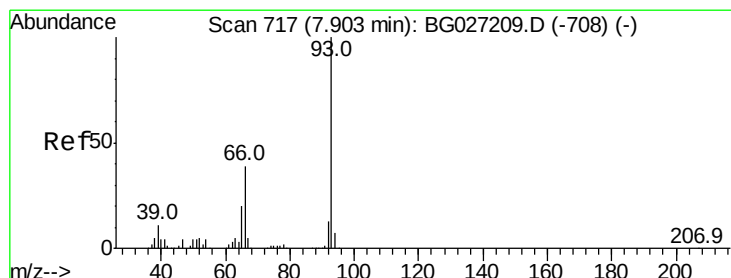
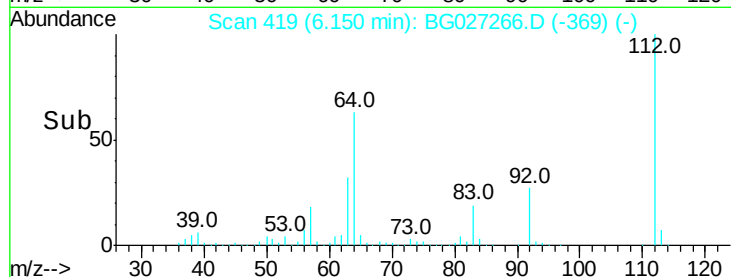
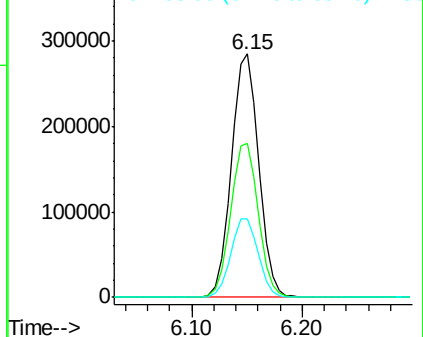
63 32.2 37.2 55.8#



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: 29.48 ng

RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

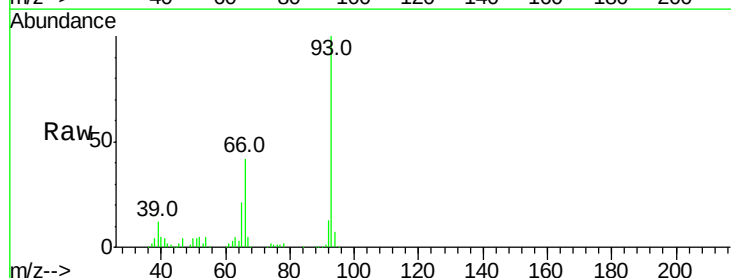
Tgt Ion: 93 Resp: 190133

Ion Ratio Lower Upper

93 100

66 41.6 35.4 53.2

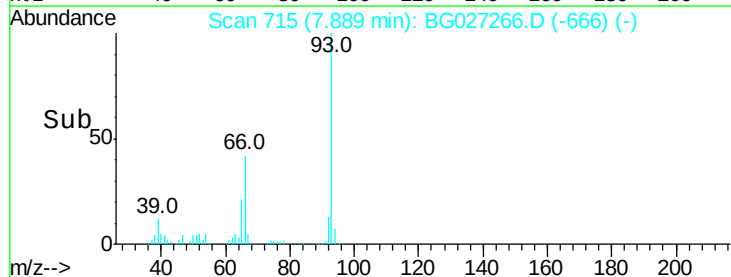
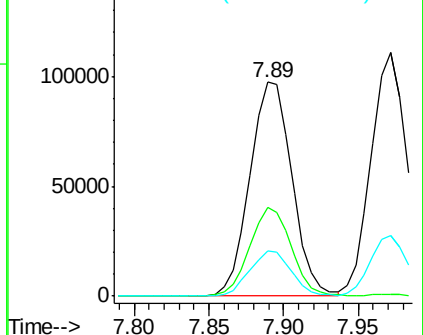
65 21.0 21.2 31.8#

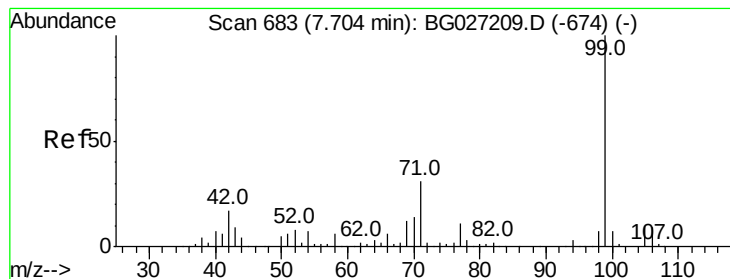


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.59 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

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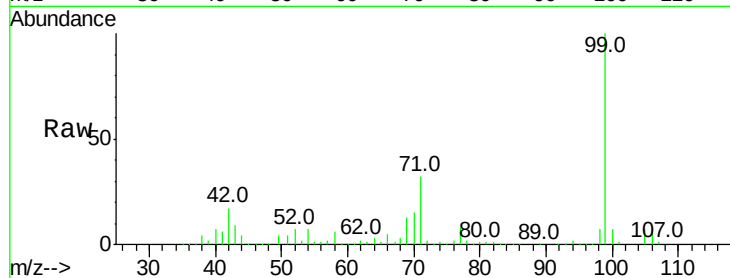
Tot Ion: 99 Resp: 648448

Ion Ratio Lower Upper

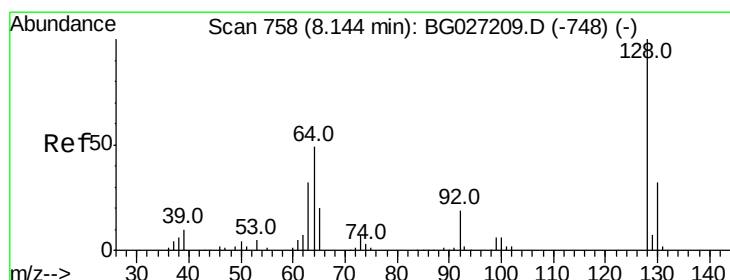
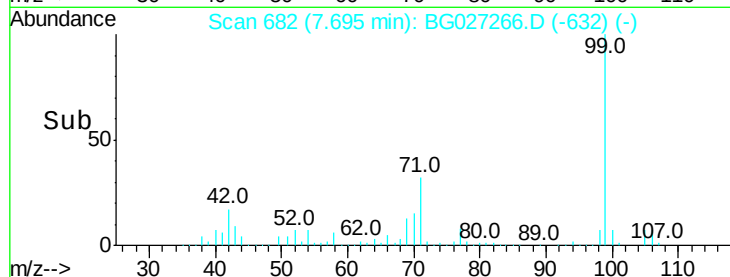
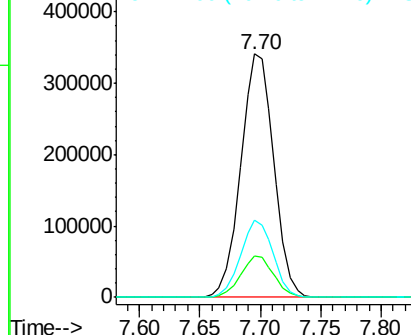
99 100

42 16.9 20.5 30.7#

71 31.7 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: 50.39 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

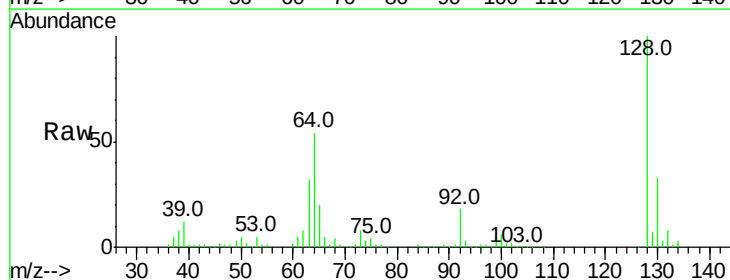
Tgt Ion: 128 Resp: 185666

Ion Ratio Lower Upper

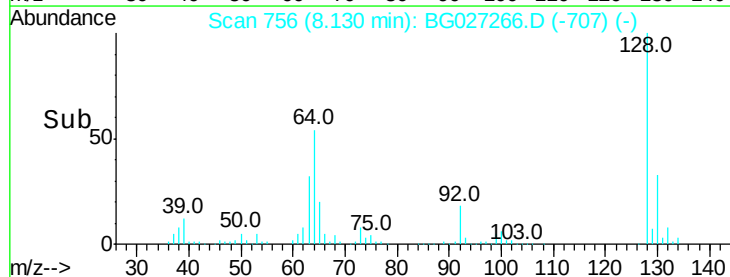
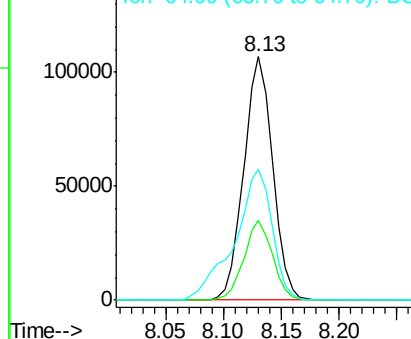
128 100

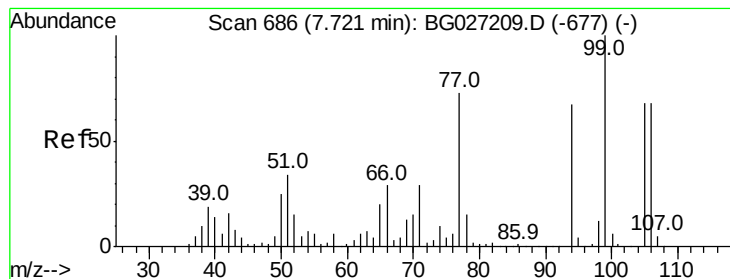
130 32.5 11.4 51.4

64 54.0 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: 22.52 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

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SU-RO-230-060217MSD

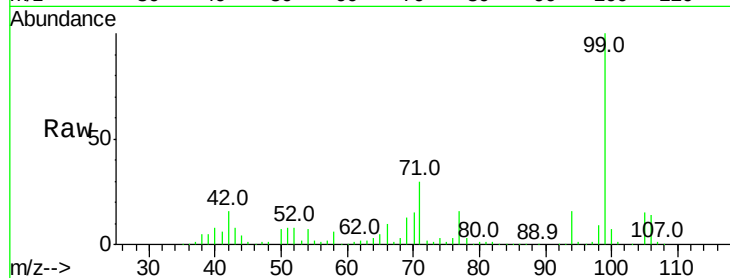
Tot Ion: 77 Resp: 79762

Ion Ratio Lower Upper

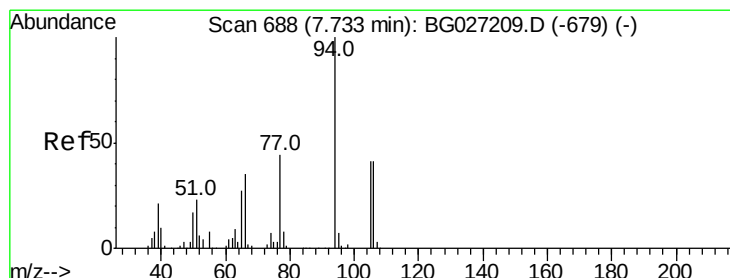
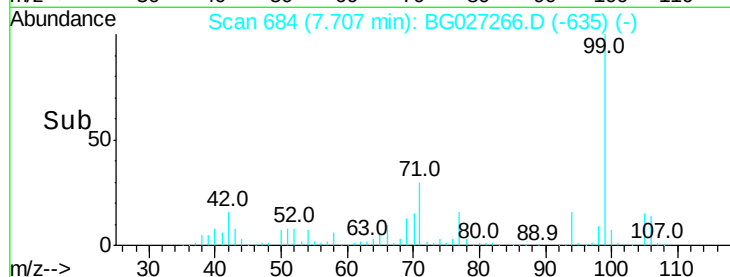
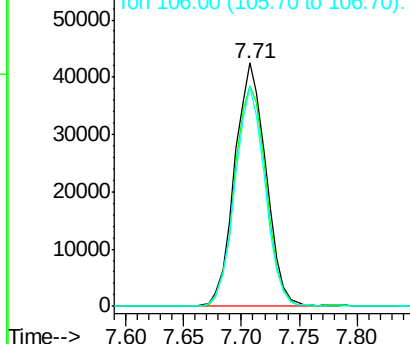
77 100

105 90.8 60.9 100.9

106 90.1 55.1 95.1



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



#10

Phenol

Concen: 44.72 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

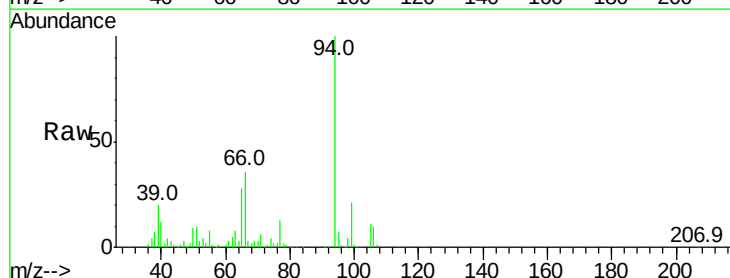
Tgt Ion: 94 Resp: 234261

Ion Ratio Lower Upper

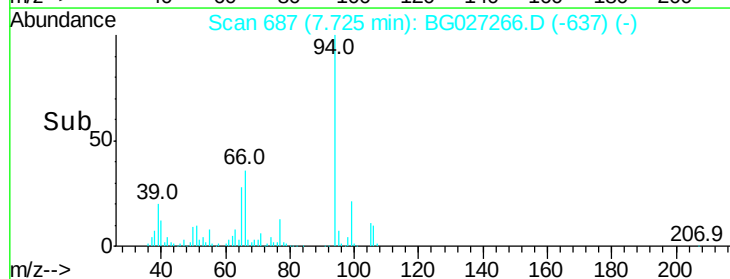
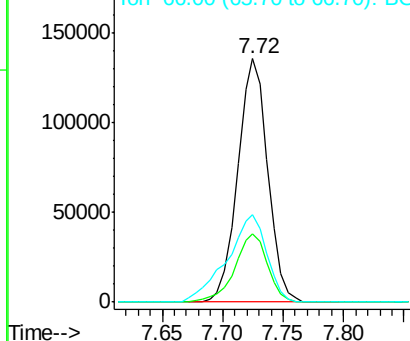
94 100

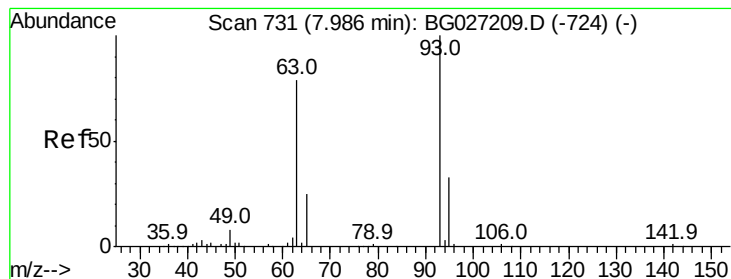
65 27.8 20.6 60.6

66 35.8 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: 43.46 ng

RT: 7.97 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

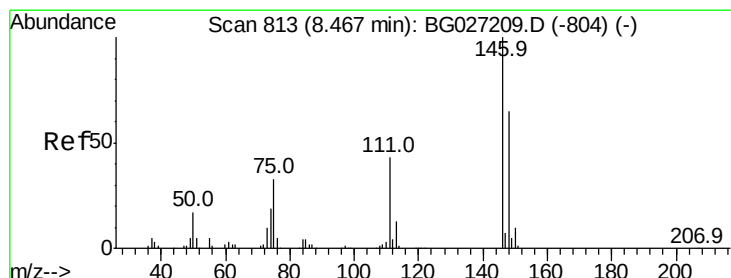
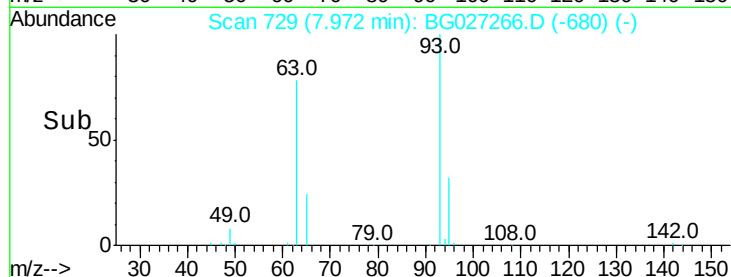
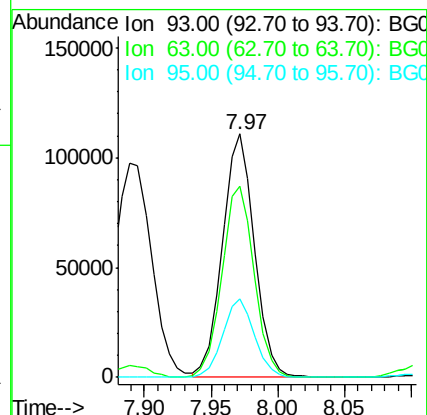
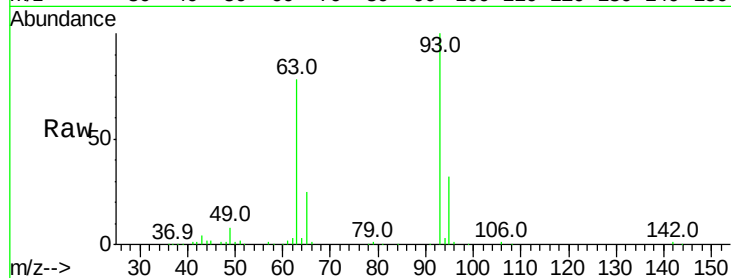
Tot Ion: 93 Resp: 186746

Ion Ratio Lower Upper

93 100

63 78.4 78.5 118.5#

95 32.3 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 40.07 ng

RT: 8.45 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

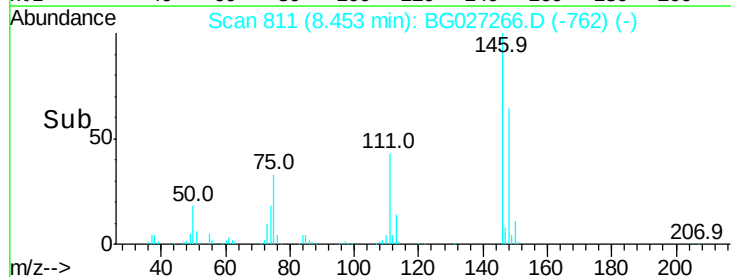
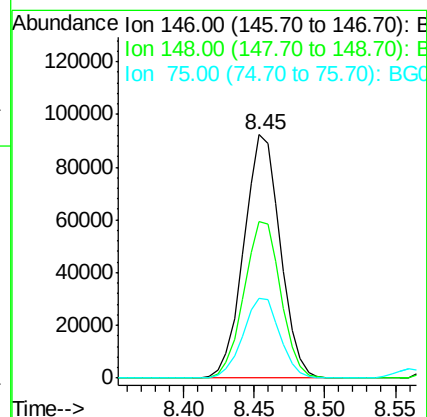
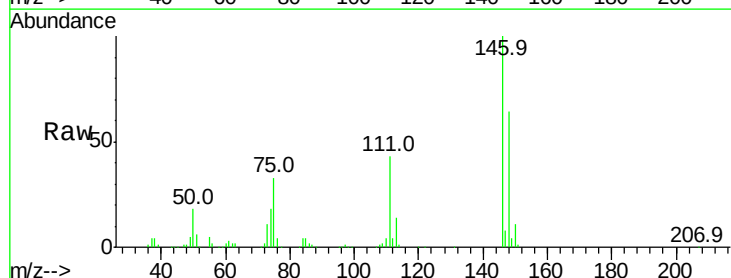
Tgt Ion: 146 Resp: 166537

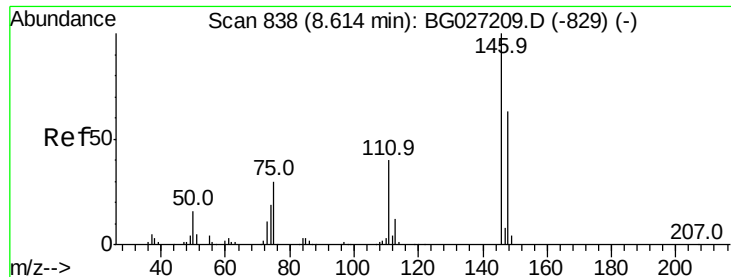
Ion Ratio Lower Upper

146 100

148 64.4 49.2 73.8

75 32.8 33.4 50.2#

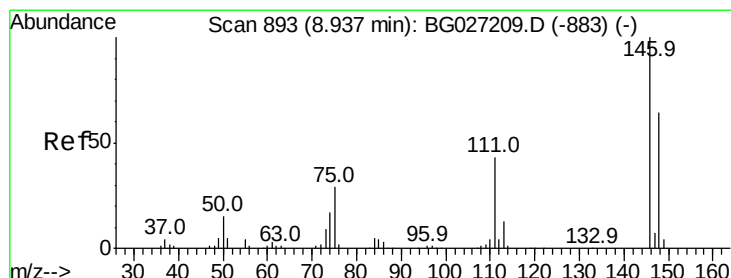
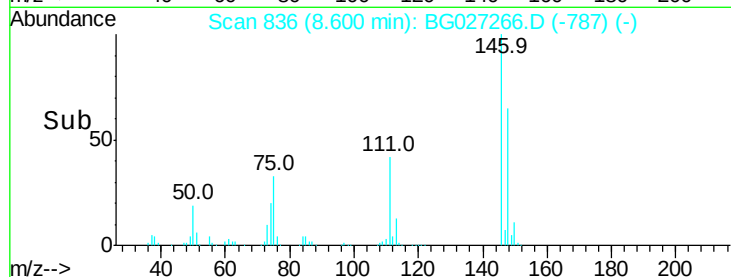
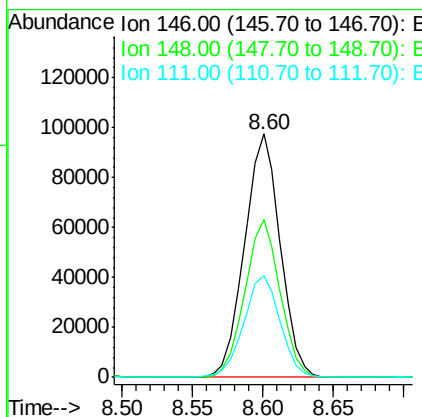
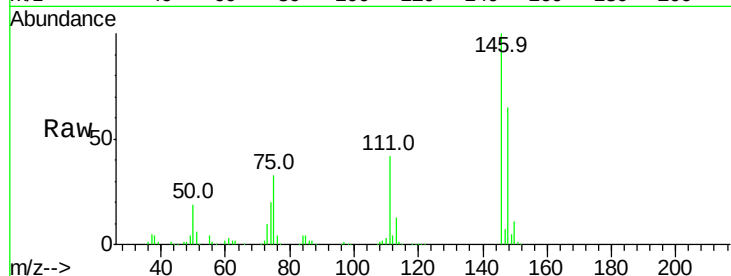




#13
1,4-Dichlorobenzene
Concen: 40.42 ng
RT: 8.60 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

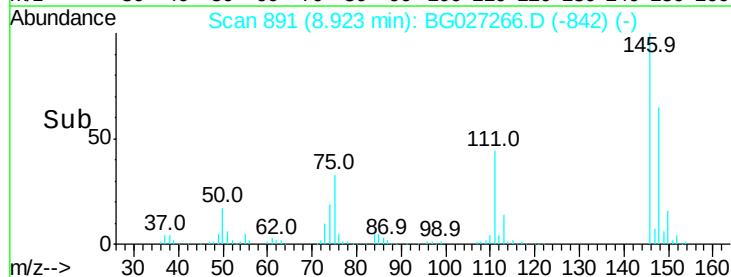
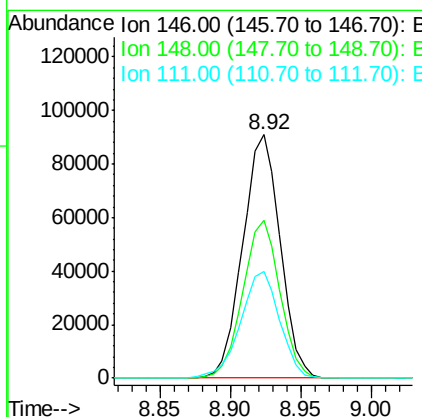
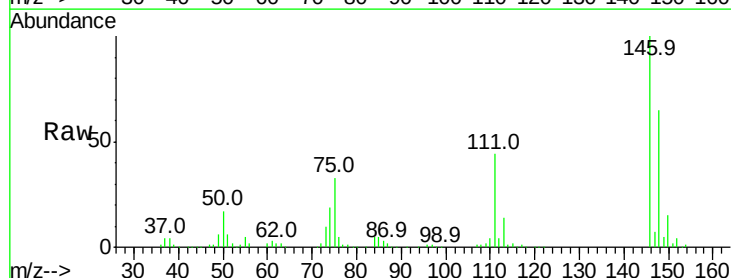
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

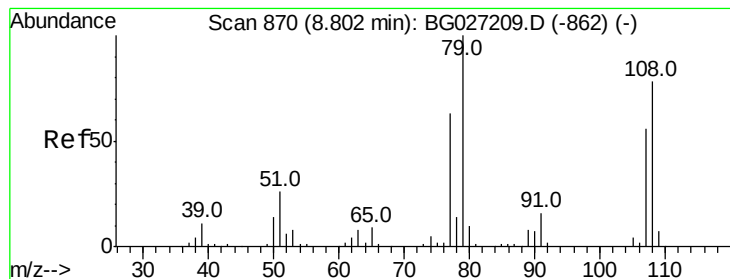
Tot Ion:146 Resp: 172387
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.2
111 41.6 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 40.63 ng
RT: 8.92 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:146 Resp: 169035
Ion Ratio Lower Upper
146 100
148 65.1 54.6 81.8
111 43.7 39.7 59.5





#15

Benzyl Alcohol

Concen: 52.27 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

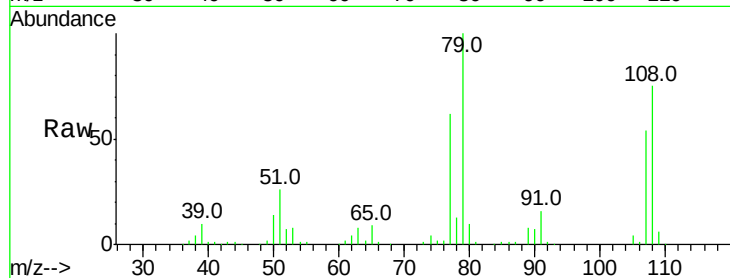
Tot Ion: 79 Resp: 188651

Ion Ratio Lower Upper

79 100

108 75.4 45.5 68.3#

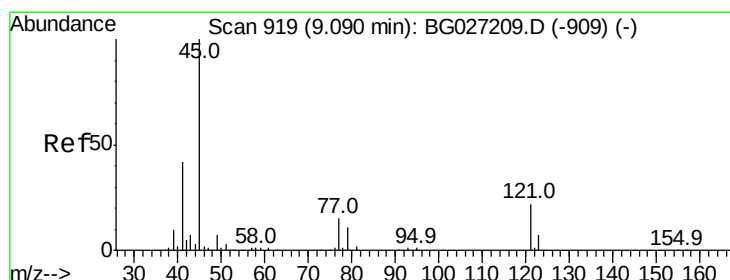
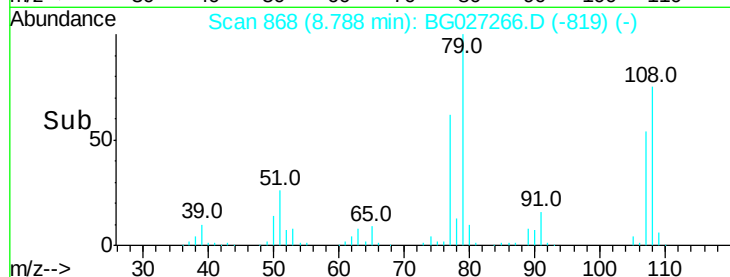
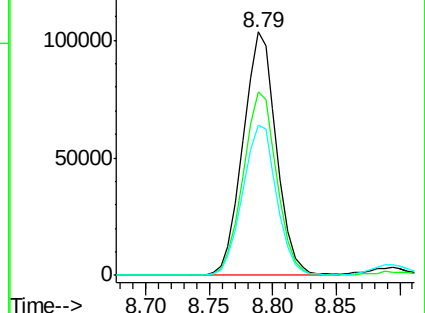
77 61.6 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.68 ng

RT: 9.07 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

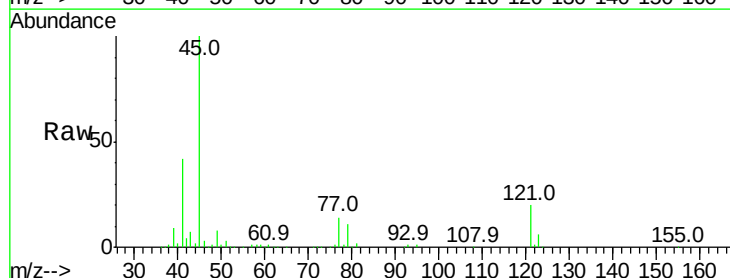
Tgt Ion: 45 Resp: 274702

Ion Ratio Lower Upper

45 100

77 14.5 0.0 30.6

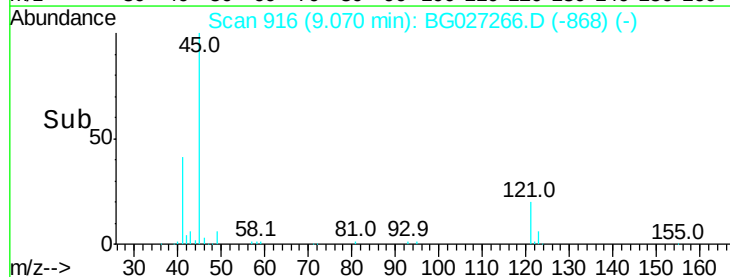
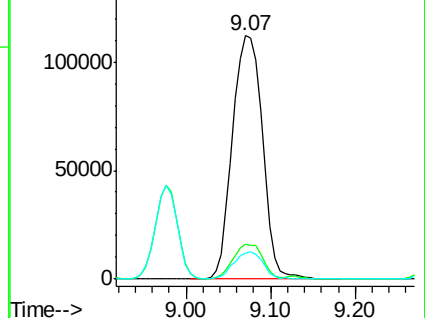
79 10.8 0.0 28.5

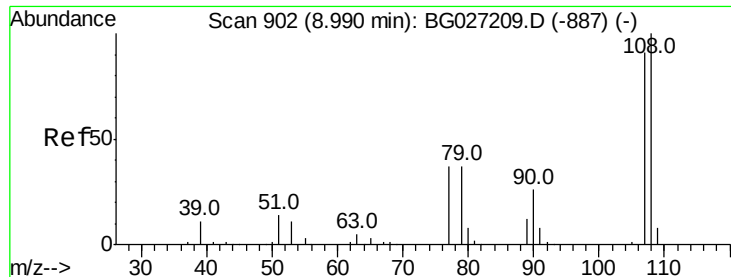


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

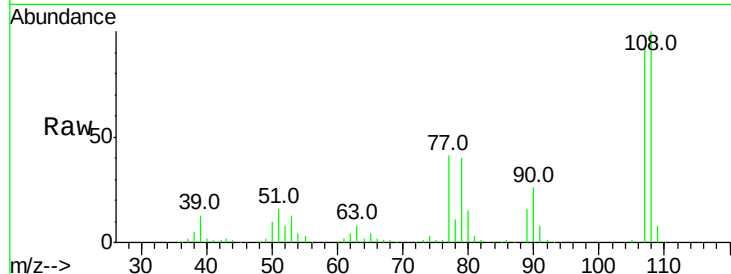




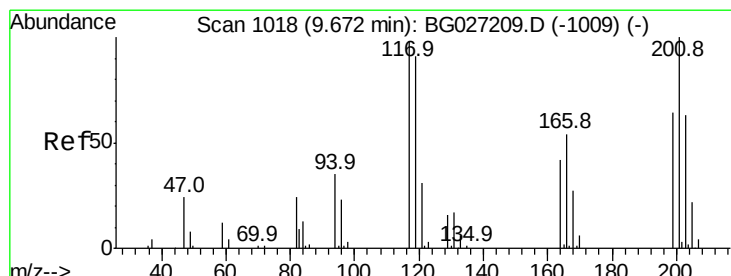
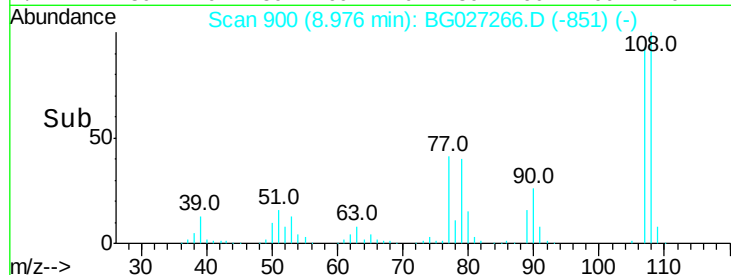
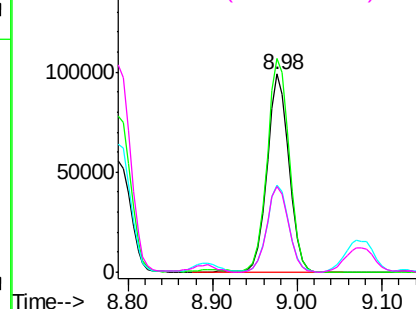
#17
2-Methylphenol
Concen: 47.86 ng
RT: 8.98 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

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

Tot Ion:107 Resp: 177222
Ion Ratio Lower Upper
107 100
108 107.8 85.6 128.4
77 43.8 51.4 77.2#
79 43.4 49.2 73.8#

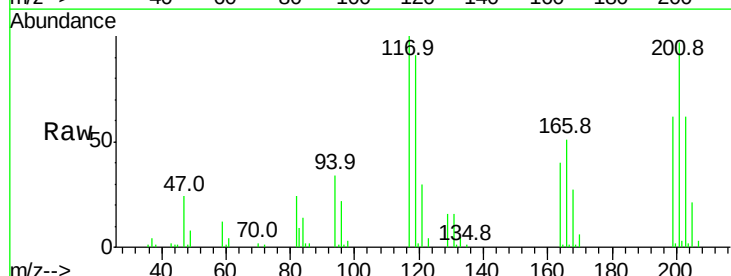


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

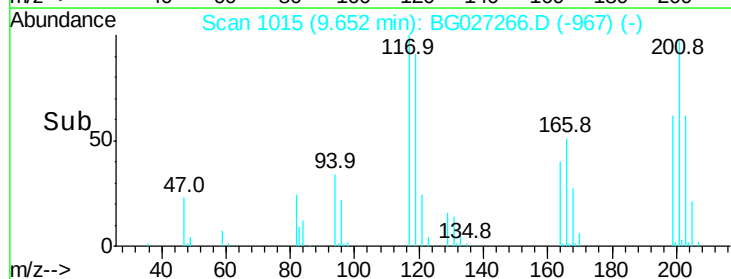
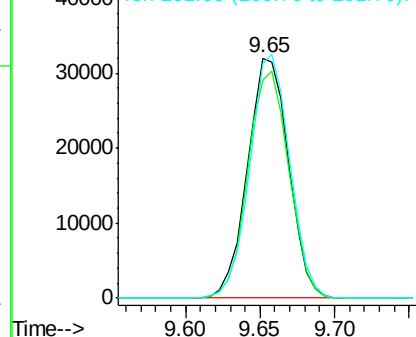


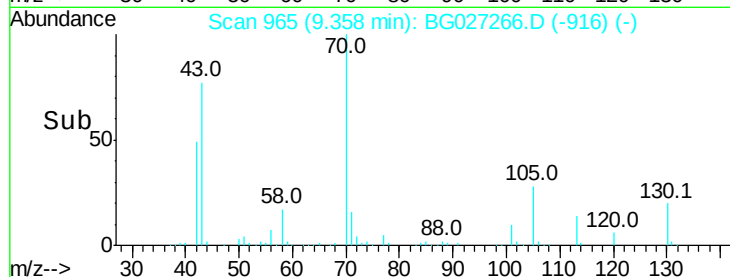
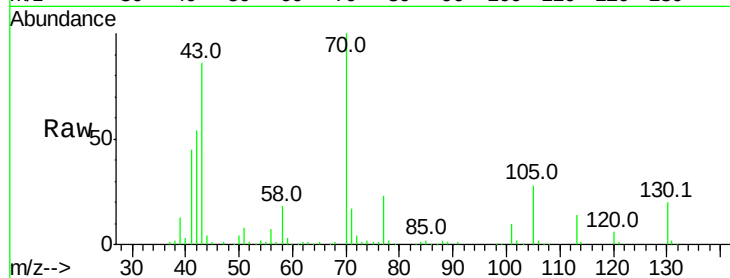
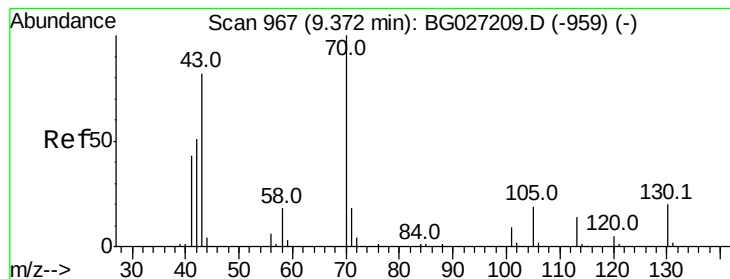
#18
Hexachloroethane
Concen: 42.19 ng
RT: 9.65 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:117 Resp: 60612
Ion Ratio Lower Upper
117 100
119 90.8 69.8 104.6
201 97.4 95.4 143.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.21 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

Tot Ion: 70 Resp: 162011

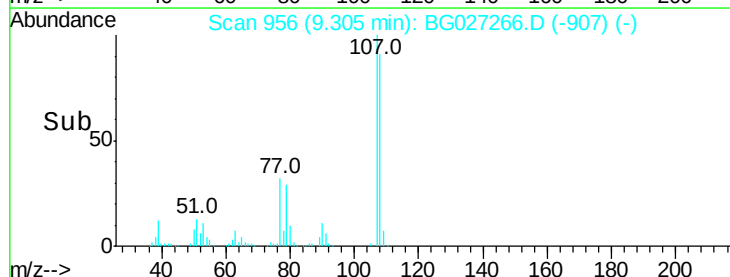
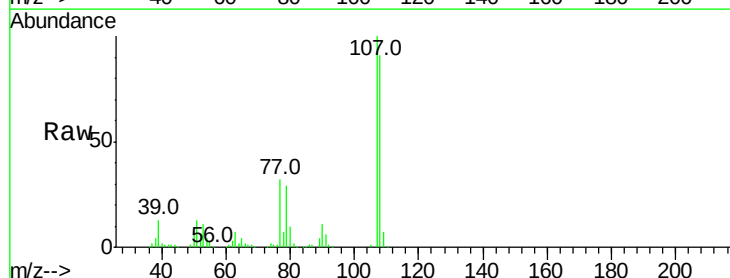
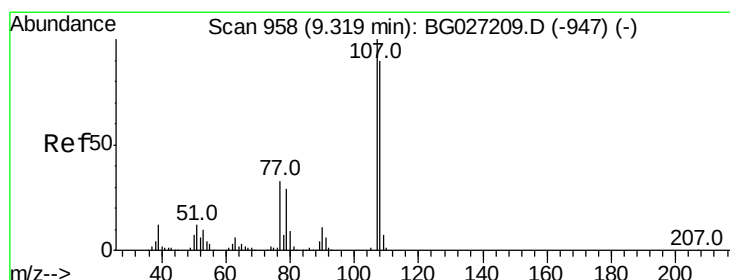
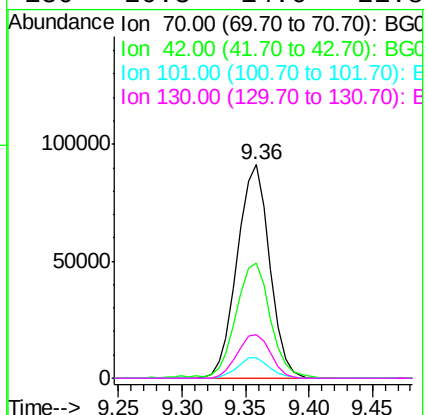
Ion Ratio Lower Upper

70 100

42 54.1 56.1 84.1#

101 9.8 7.5 11.3

130 20.3 14.6 21.8



#20

3+4-Methylphenols

Concen: 47.29 ng

RT: 9.31 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Tgt Ion: 107 Resp: 242577

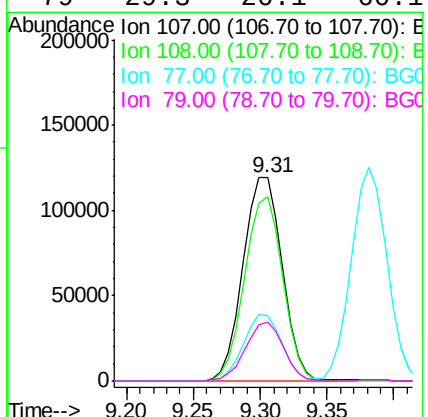
Ion Ratio Lower Upper

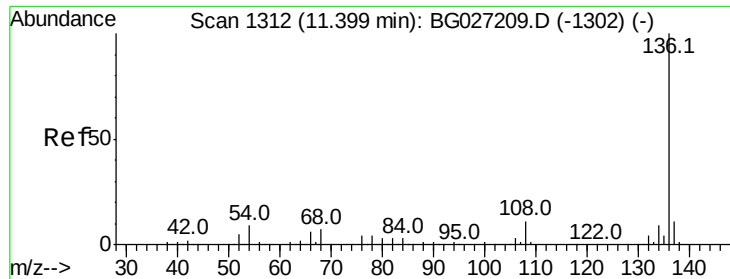
107 100

108 90.9 70.8 110.8

77 32.2 25.8 65.8

79 29.3 20.1 60.1

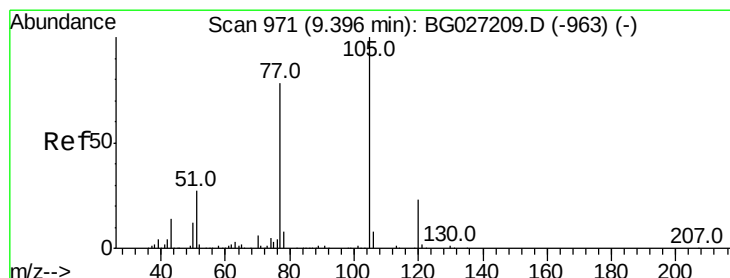
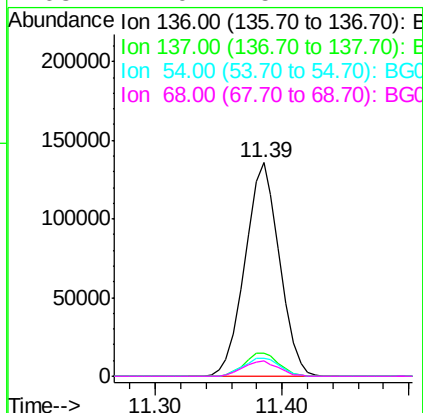
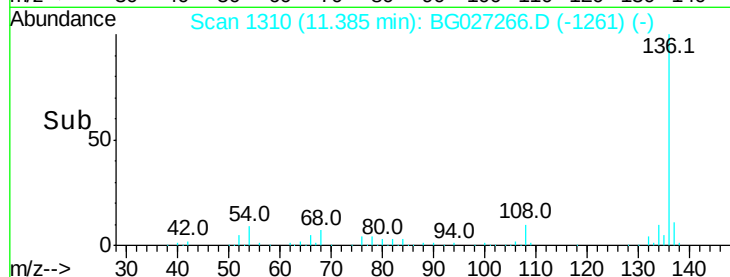
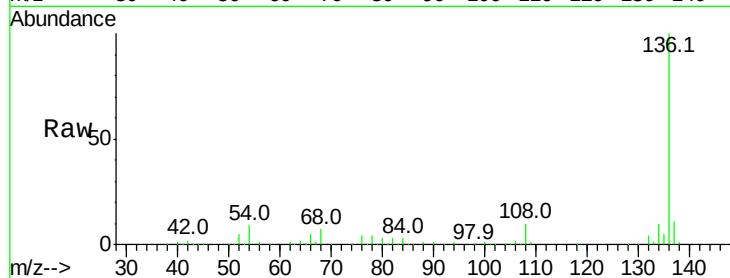




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

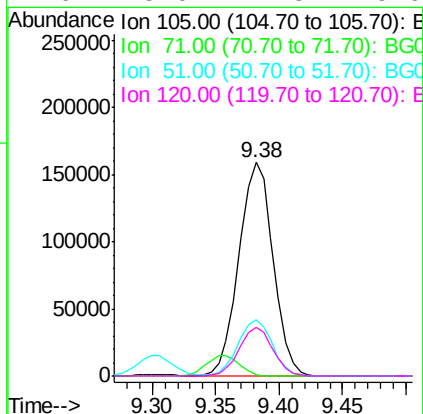
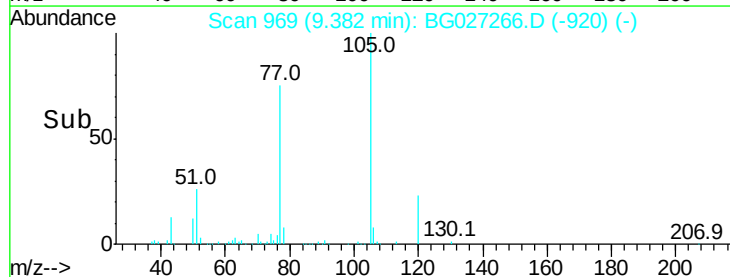
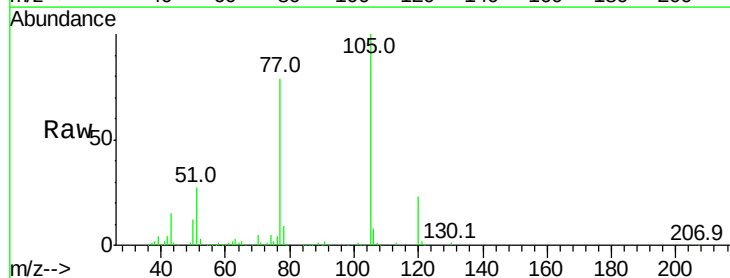
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

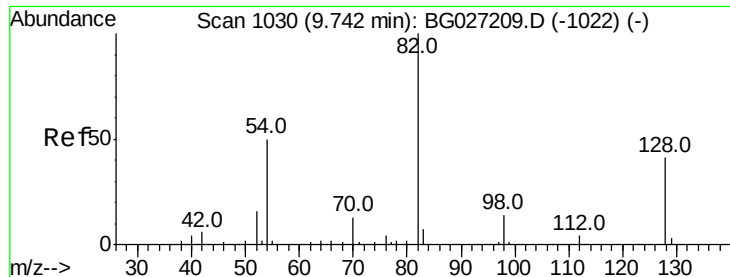
Tot Ion:	136	Resp:	254922
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	9.3	13.9#
68	7.0	5.1	7.7



#22
Acetophenone
Concen: 45.57 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:	105	Resp:	297053
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.9	1.3#
51	26.6	34.0	51.0#
120	23.0	17.3	25.9

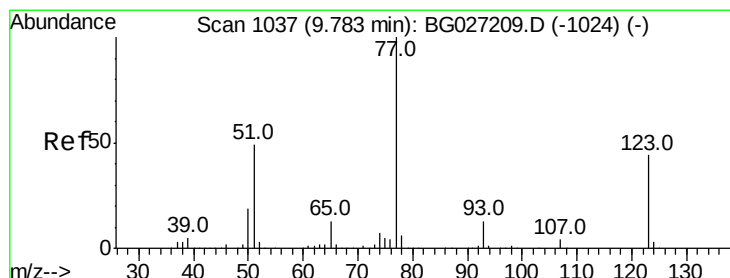
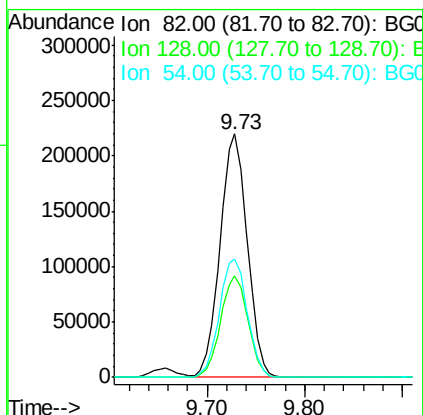
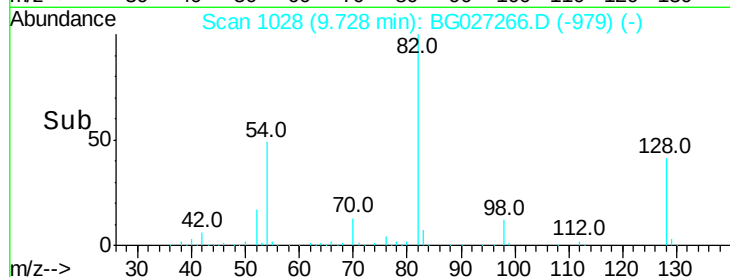
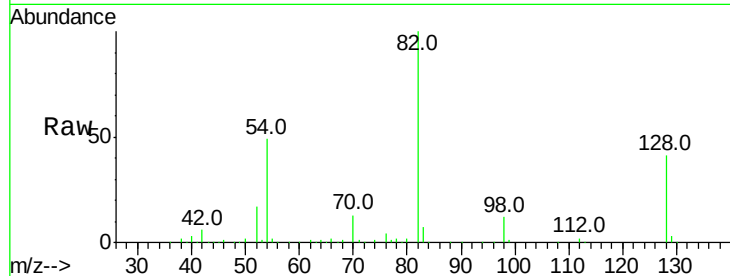




#23
 Nitrobenzene-d5
 Concen: 104.66 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

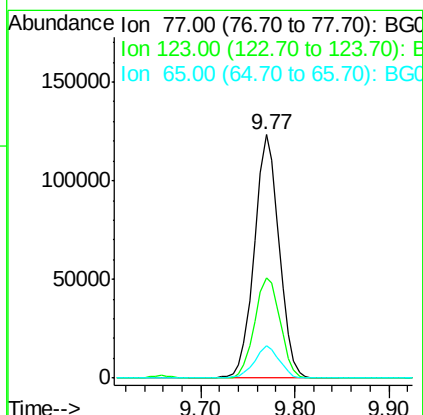
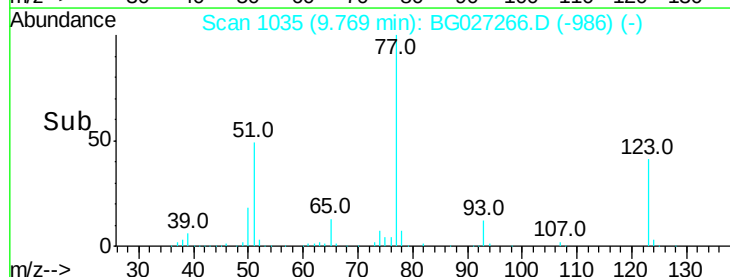
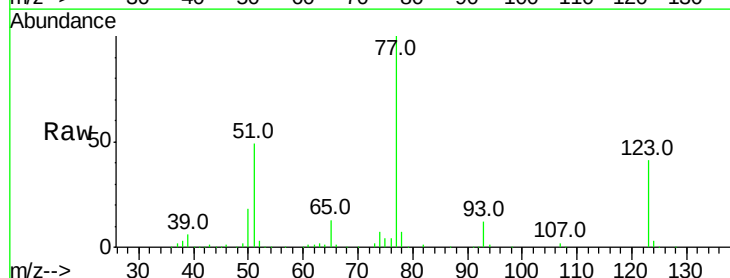
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MSD

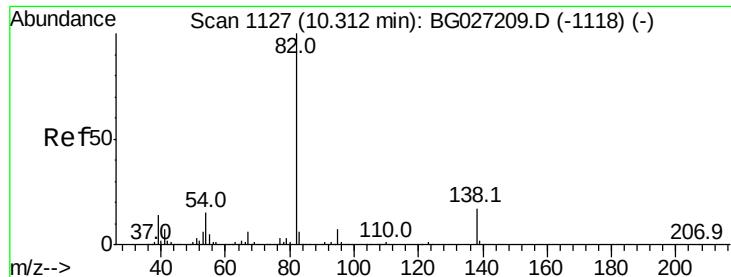
Tot Ion: 82 Resp: 424232
 Ion Ratio Lower Upper
 82 100
 128 41.5 26.4 39.6#
 54 48.7 49.4 74.2#



#24
 Nitrobenzene
 Concen: 48.73 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion: 77 Resp: 225020
 Ion Ratio Lower Upper
 77 100
 123 41.4 26.1 39.1#
 65 13.1 12.4 18.6





#25

Isophorone

Concen: 47.34 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

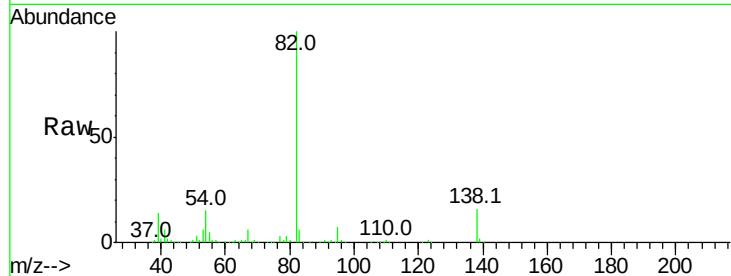
Tot Ion: 82 Resp: 451229

Ion Ratio Lower Upper

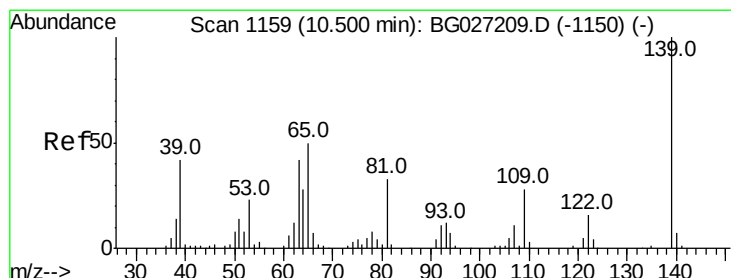
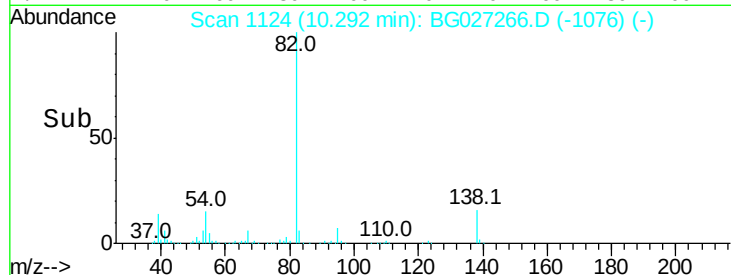
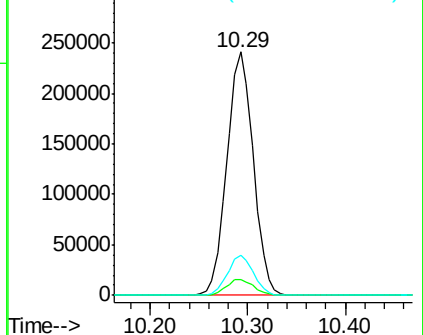
82 100

95 6.6 7.5 11.3#

138 16.4 12.3 18.5



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



#26

2-Nitrophenol

Concen: 51.07 ng

RT: 10.48 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

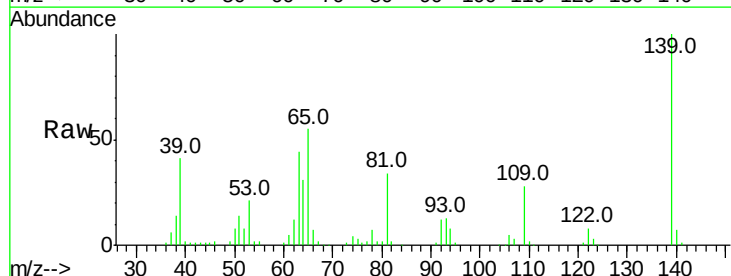
Tgt Ion: 139 Resp: 98267

Ion Ratio Lower Upper

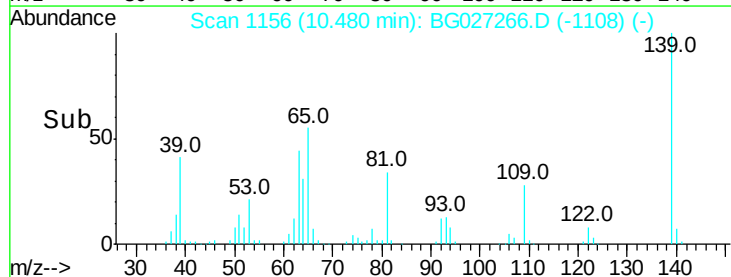
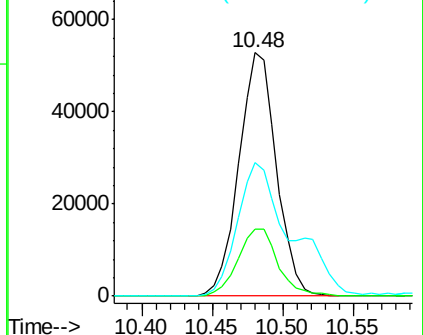
139 100

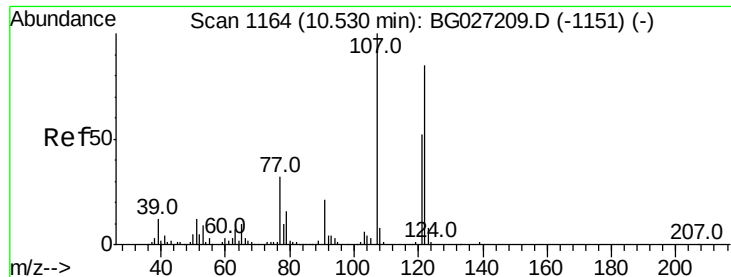
109 27.7 38.6 58.0#

65 54.7 57.1 85.7#



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

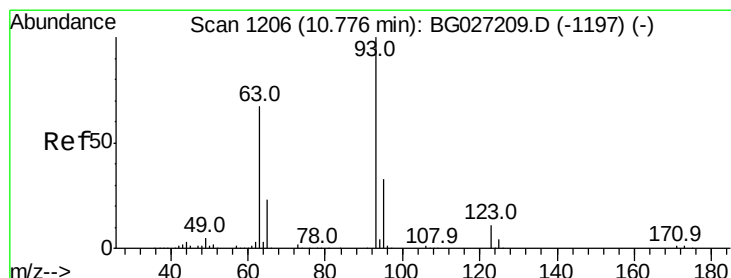
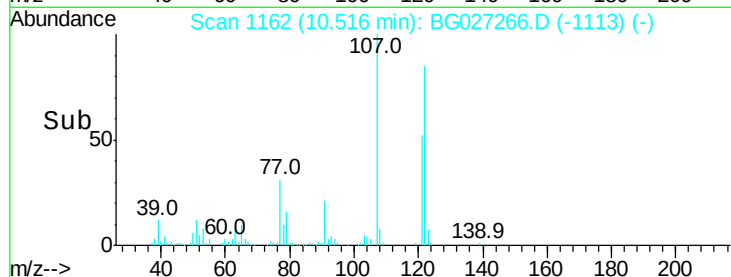
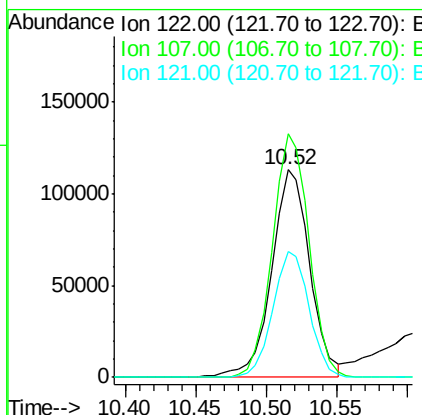
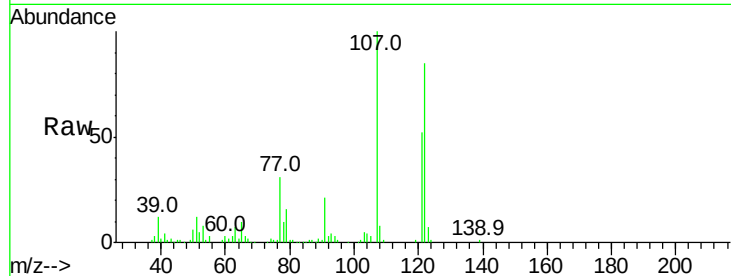




#27
 2,4-Dimethylphenol
 Concen: 51.95 ng
 RT: 10.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

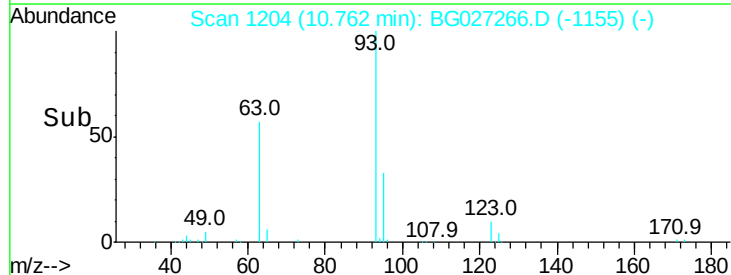
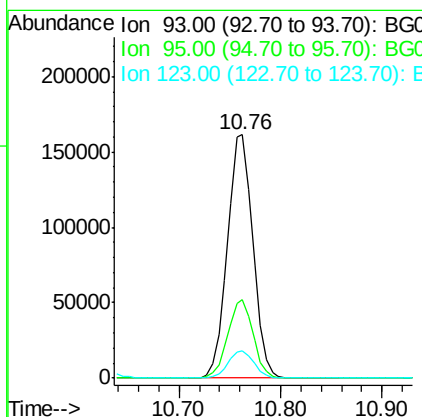
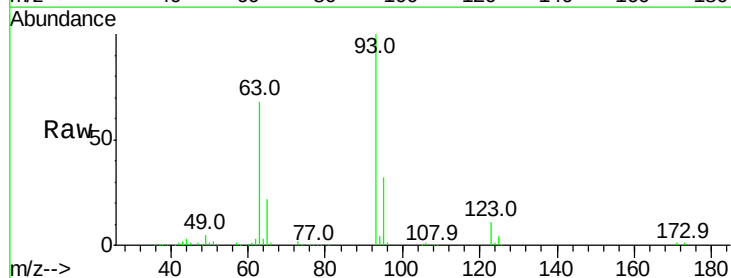
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MSD

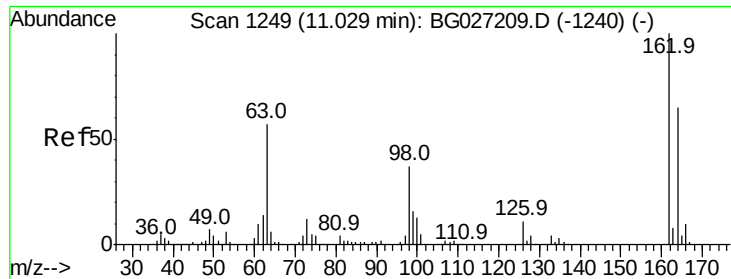
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	104.2	156.4
121	60.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.61 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.0	8.3	12.5

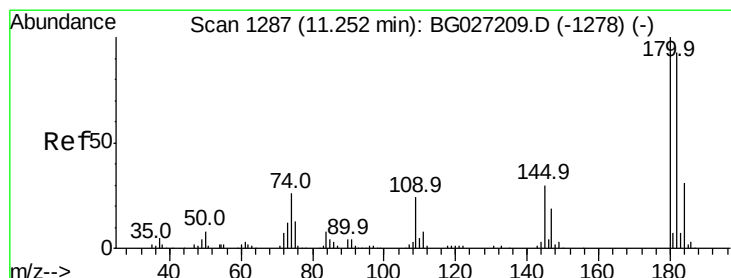
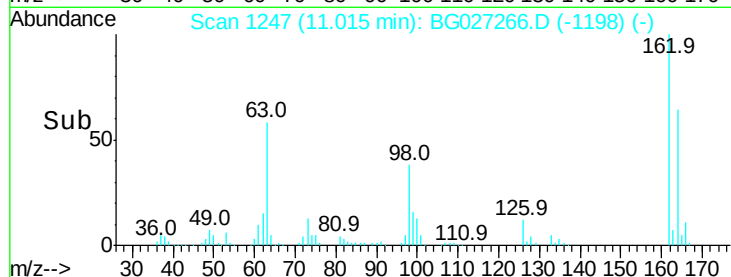
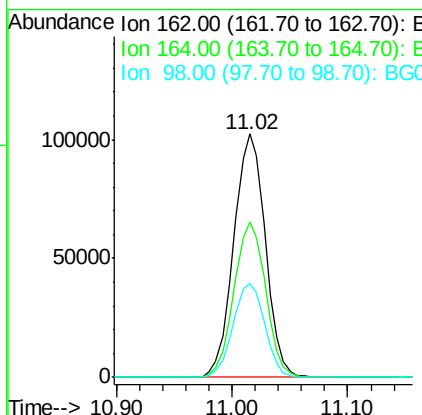
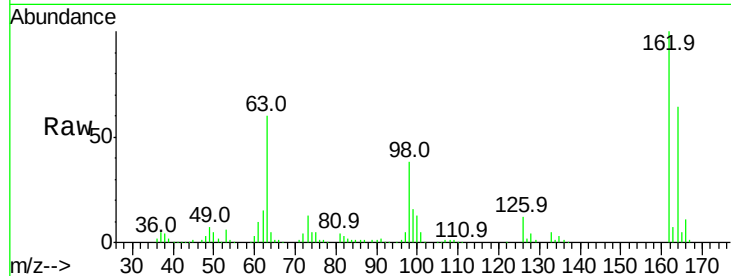




#29
 2,4-Dichlorophenol
 Concen: 51.65 ng
 RT: 11.02 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

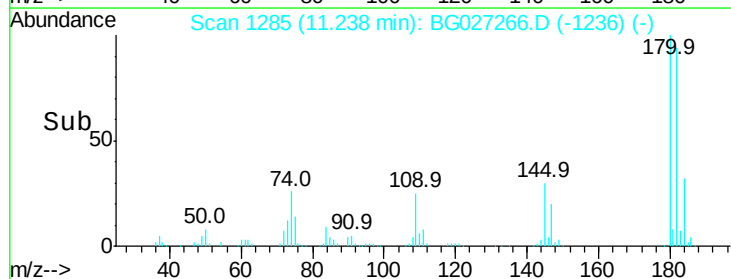
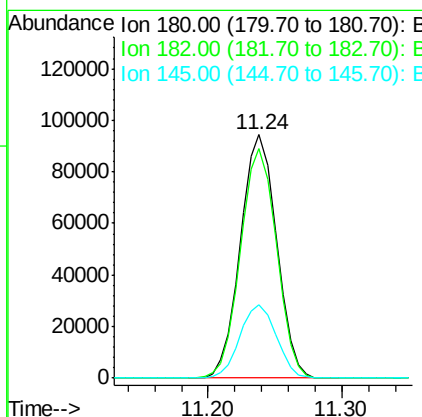
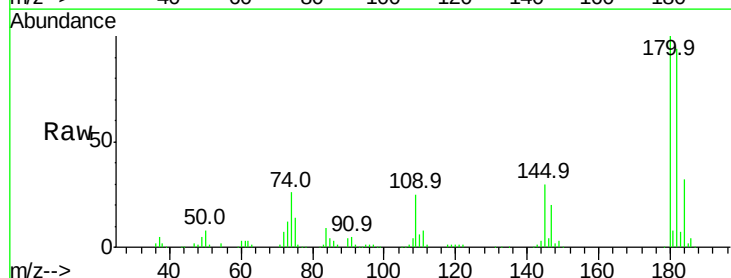
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MSD

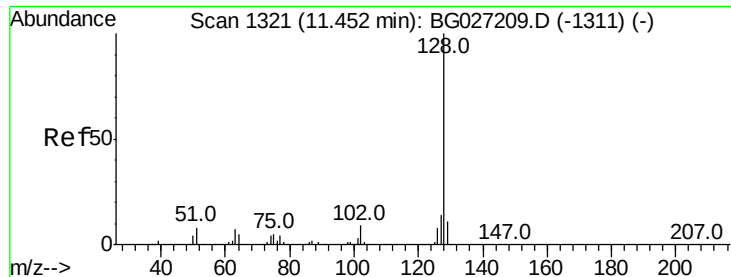
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.4	82.4
98	38.4	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.58 ng
 RT: 11.24 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.4
145	30.1	23.4	35.0





#31

Naphthalene

Concen: 47.67 ng

RT: 11.44 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

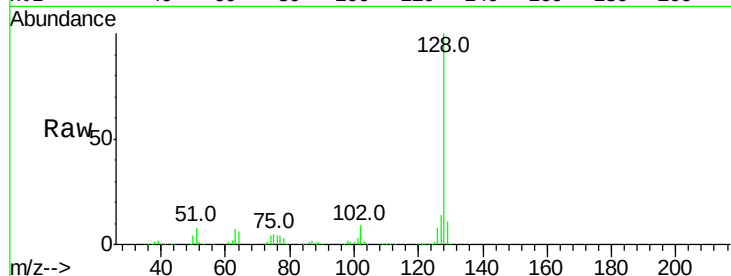
Tot Ion:128 Resp: 664165

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

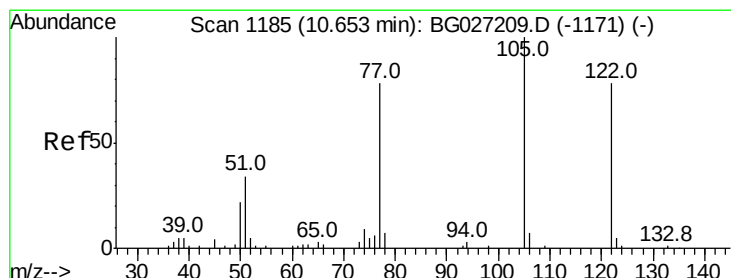
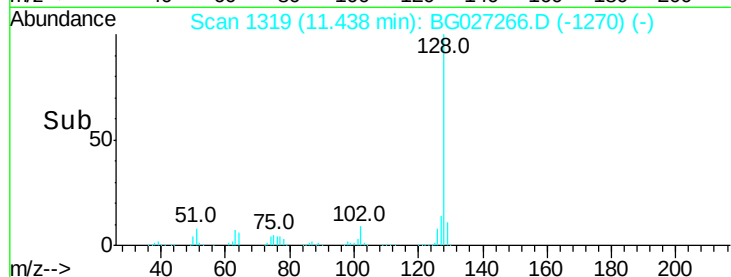
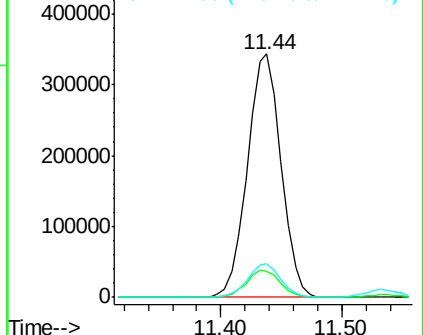
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.87 ng

RT: 10.63 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

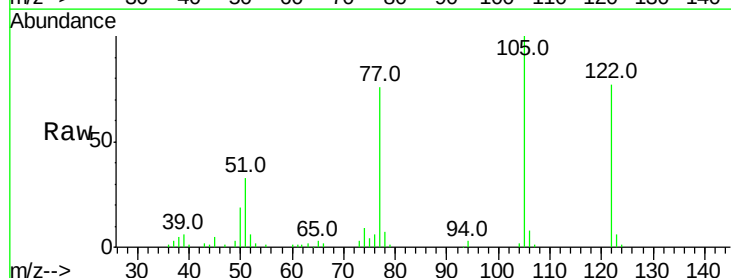
Tgt Ion:122 Resp: 122001

Ion Ratio Lower Upper

122 100

105 129.7 120.1 160.1

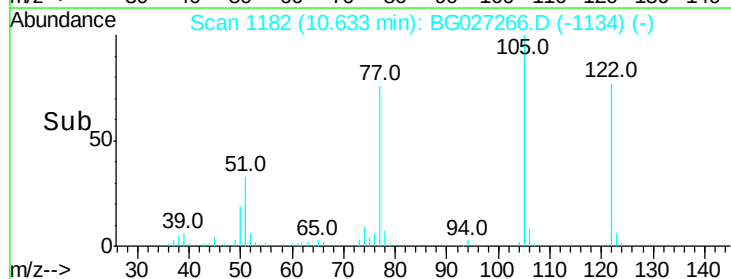
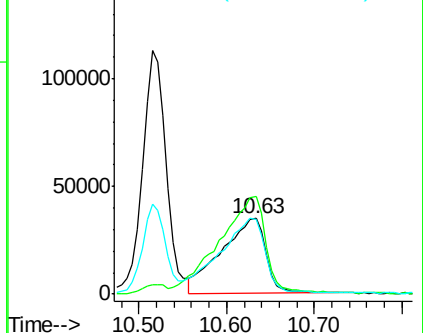
77 99.1 104.6 144.6#

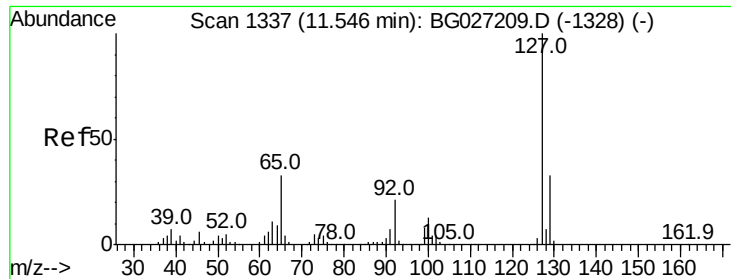


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

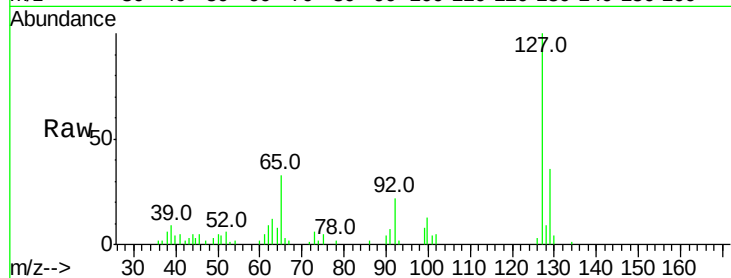




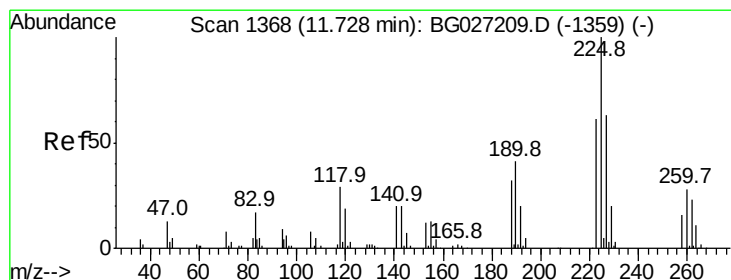
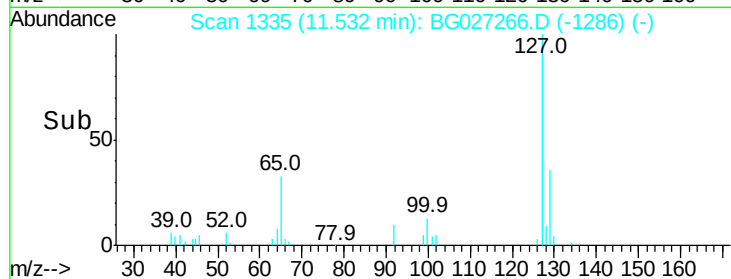
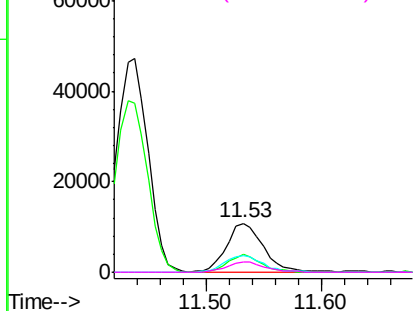
#33
4-Chloroaniline
Concen: 4.13 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

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

Tot Ion:	127	Resp:	23995
Ion	Ratio	Lower	Upper
127	100		
129	36.5	23.6	35.4#
65	33.0	37.7	56.5#
92	21.5	17.6	26.4

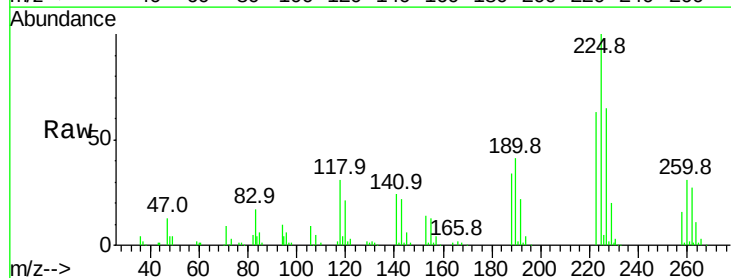


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

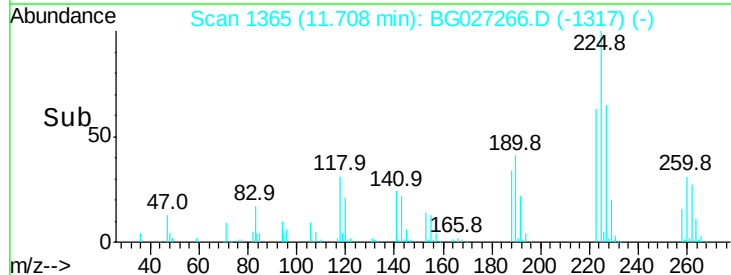
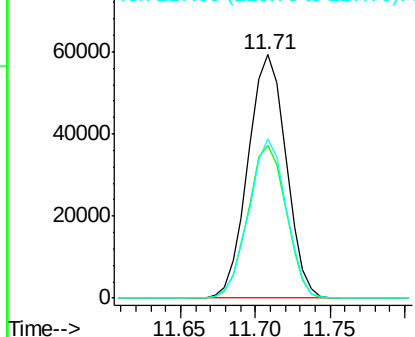


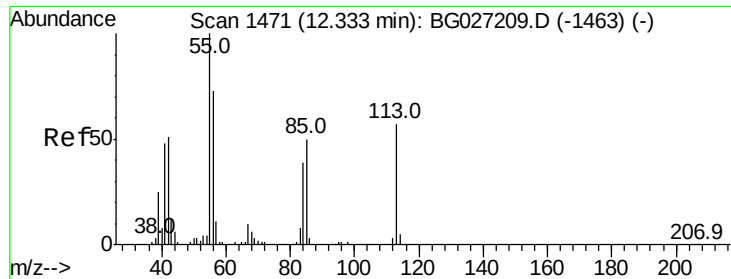
#34
Hexachlorobutadiene
Concen: 41.06 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:	225	Resp:	104527
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	65.2	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: 28.62 ng

RT: 12.31 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

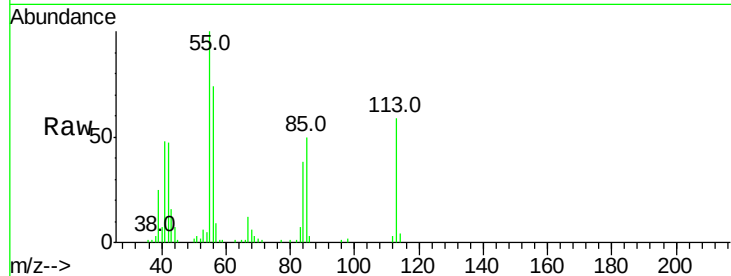
Tot Ion:113 Resp: 36724

Ion Ratio Lower Upper

113 100

55 168.3 198.6 238.6#

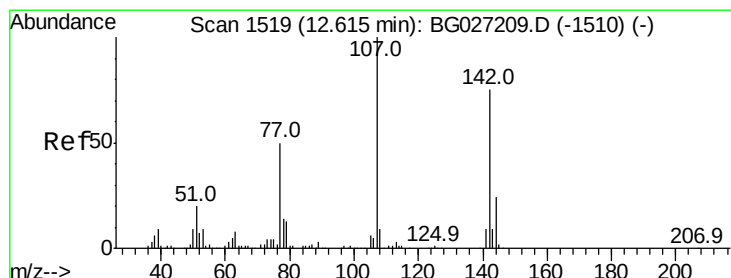
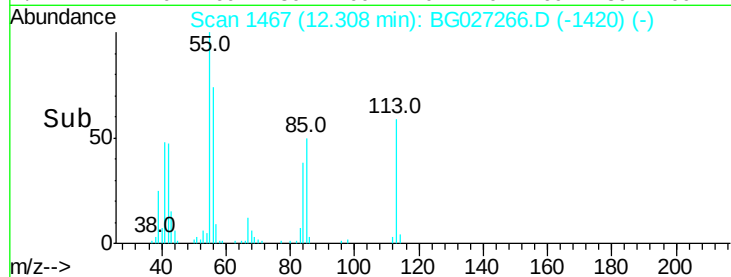
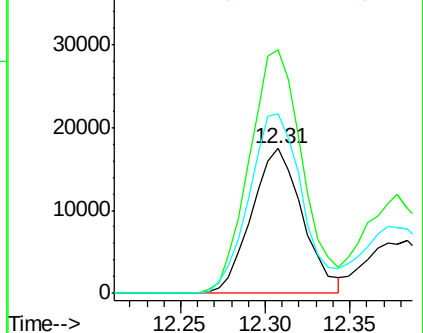
56 124.2 140.4 180.4#



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: 51.51 ng

RT: 12.60 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

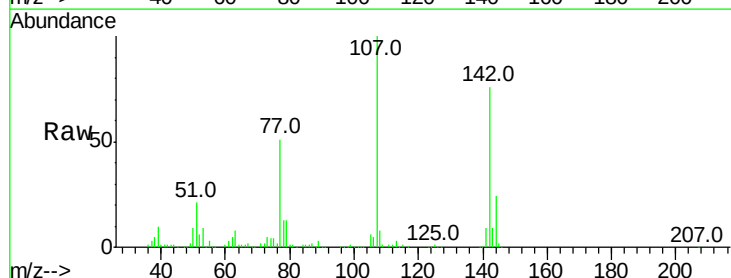
Tgt Ion:107 Resp: 241539

Ion Ratio Lower Upper

107 100

144 24.1 17.4 26.0

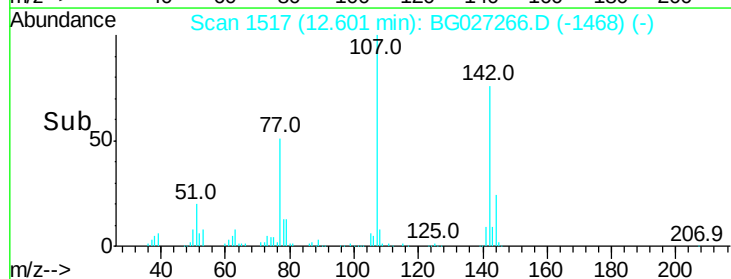
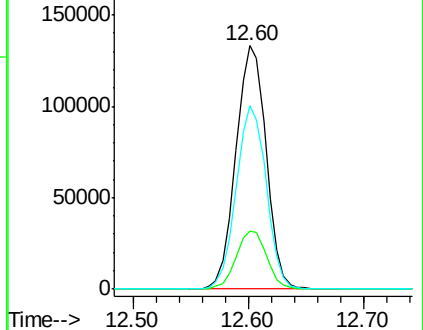
142 75.6 54.1 81.1

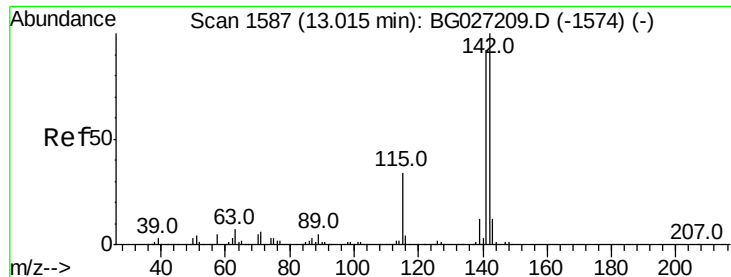


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

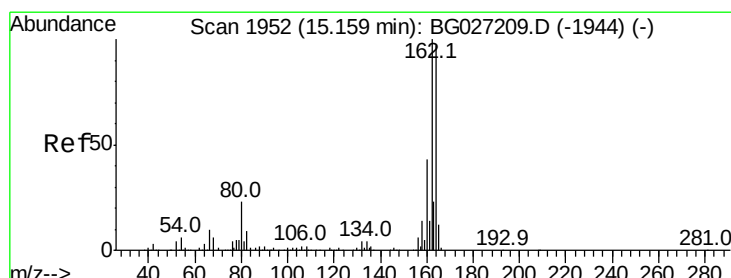
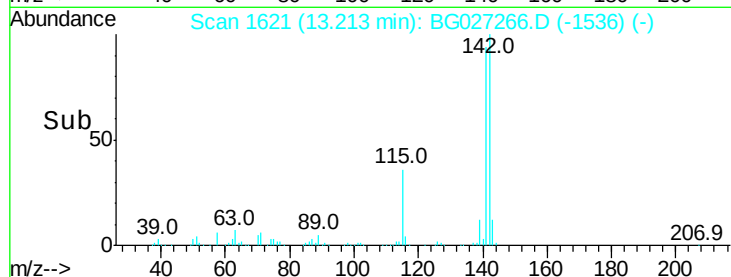
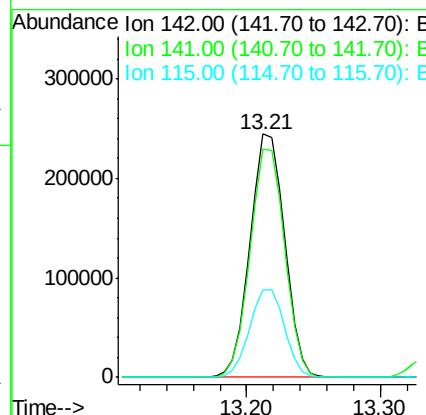
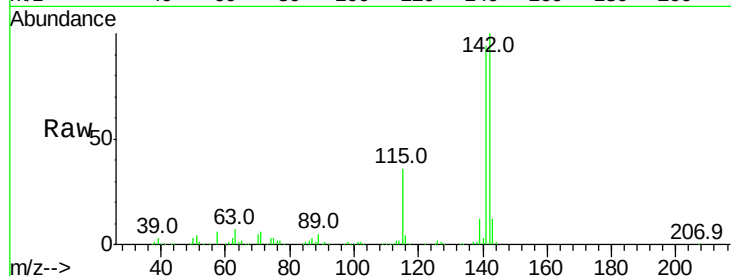




#37
2-Methylnaphthalene
Concen: 43.15 ng
RT: 13.21 min Scan# 1621
Delta R.T. 0.20 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

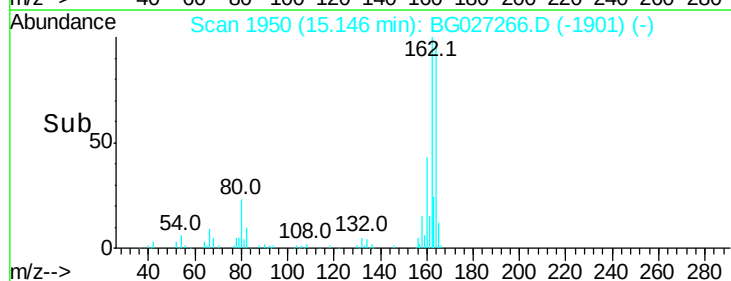
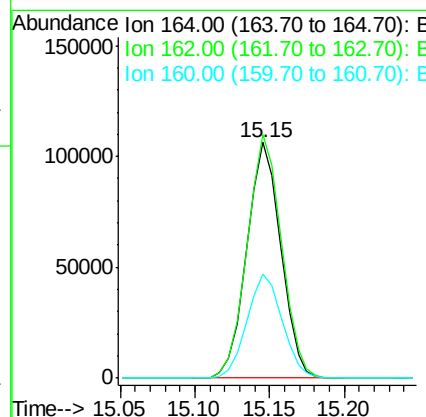
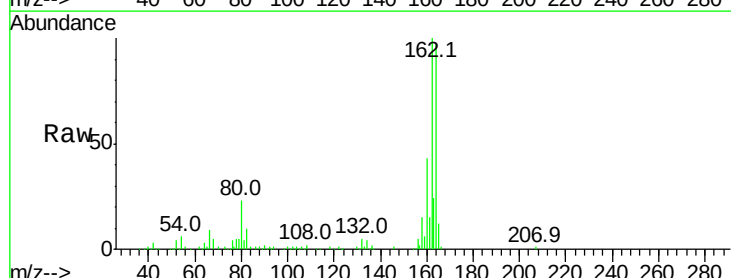
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

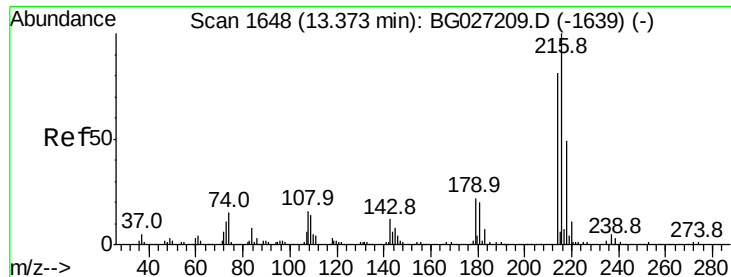
Tot Ion:142 Resp: 438496
Ion Ratio Lower Upper
142 100
141 93.7 70.4 105.6
115 36.1 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:164 Resp: 167513
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 44.1 34.7 52.1

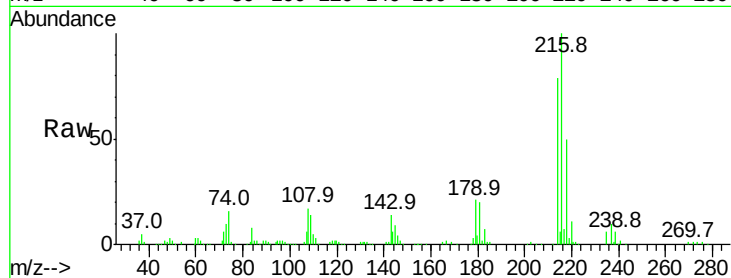




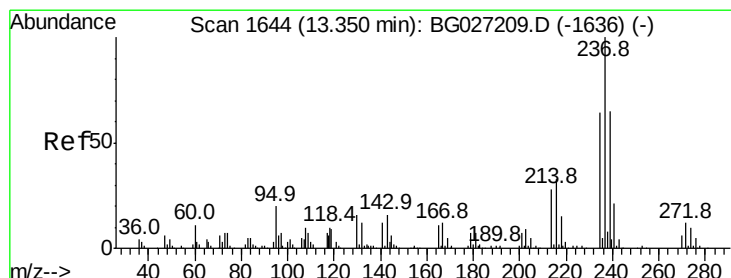
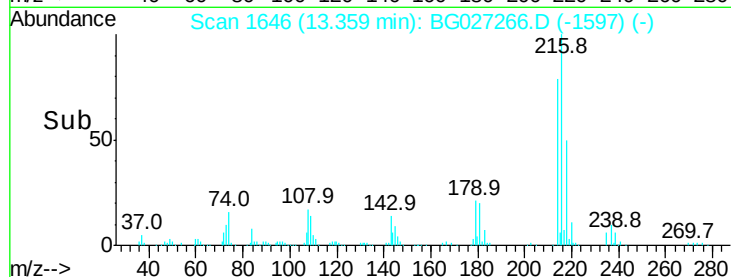
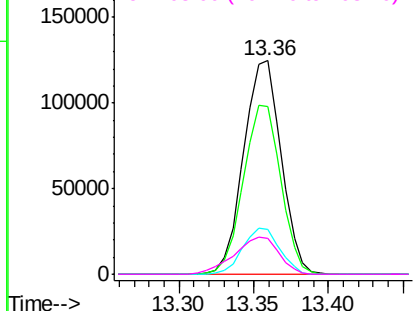
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.40 ng
 RT: 13.36 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

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

Tot Ion:	216	Resp:	216049
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.4	96.6
179	21.3	17.4	26.0
108	20.9	15.6	23.4

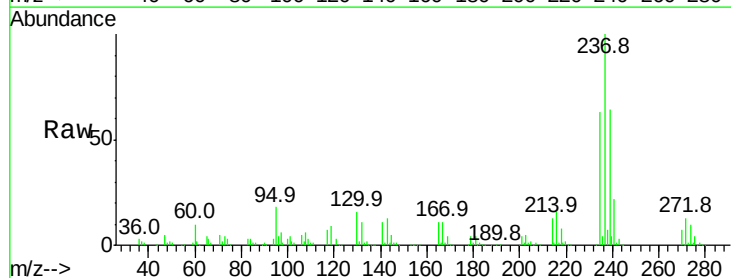


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

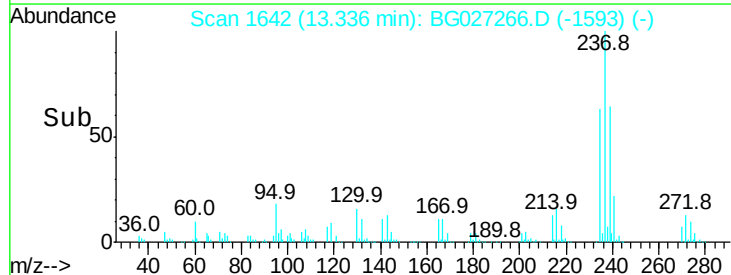
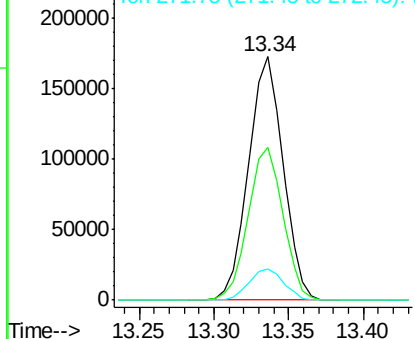


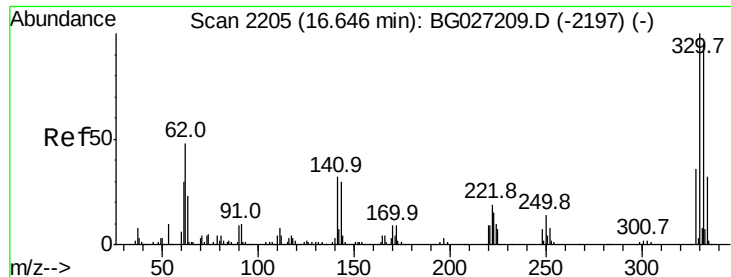
#40
 Hexachlorocyclopentadiene
 Concen: 99.45 ng
 RT: 13.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion:	237	Resp:	276237
Ion	Ratio	Lower	Upper
237	100		
235	62.9	39.4	79.4
272	12.8	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

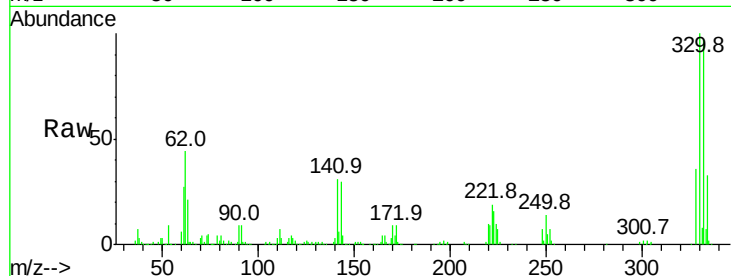




#41
 2,4,6-Tribromophenol
 Concen: 153.31 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.3	32.1	48.1

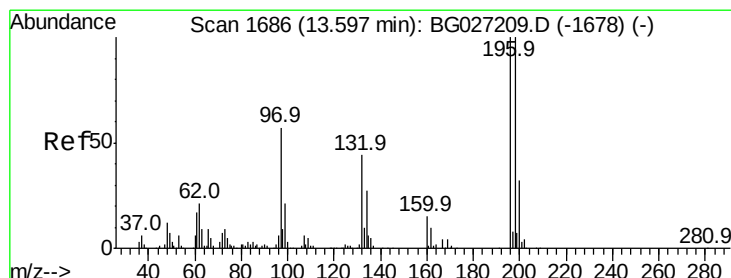
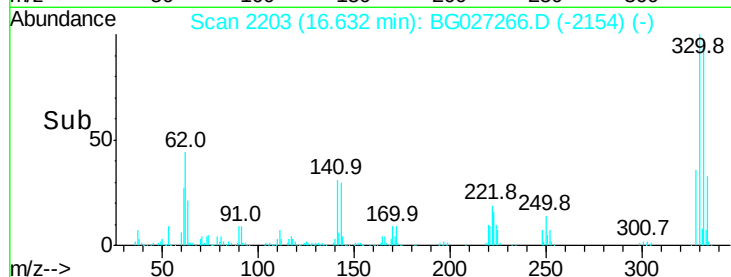
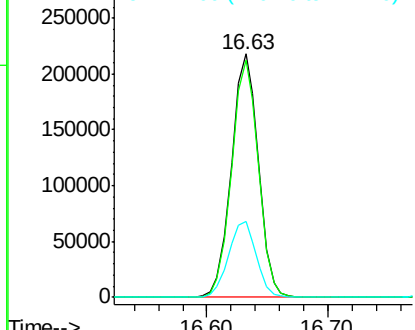


Abundance

Ion 329.80 (329.50 to 330.50): E

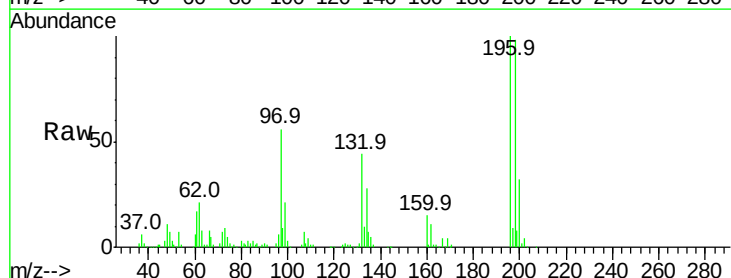
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.61 ng
 RT: 13.58 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	81.4	122.2
200	31.7	27.0	40.6

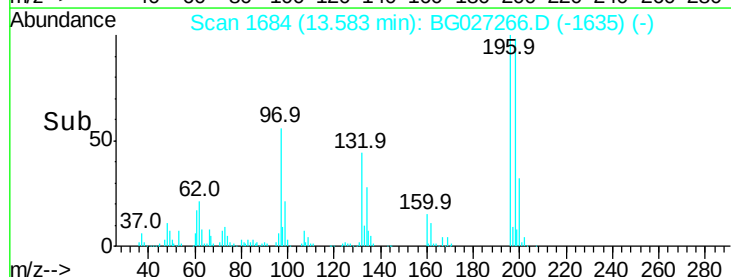
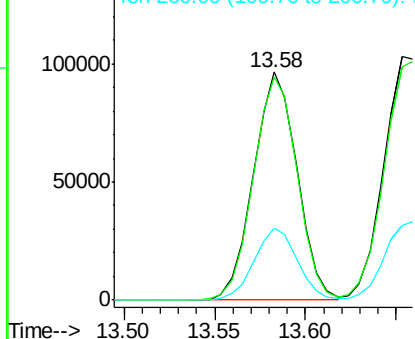


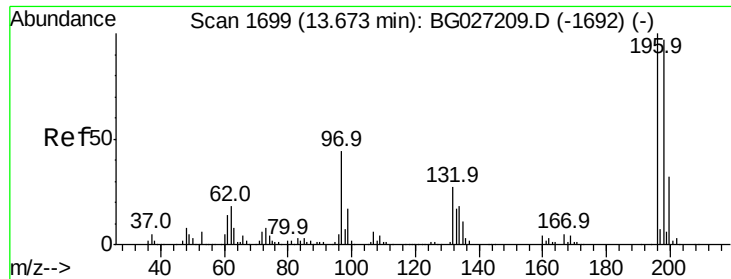
Abundance

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

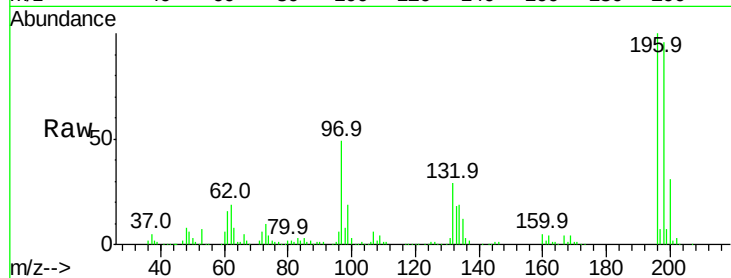




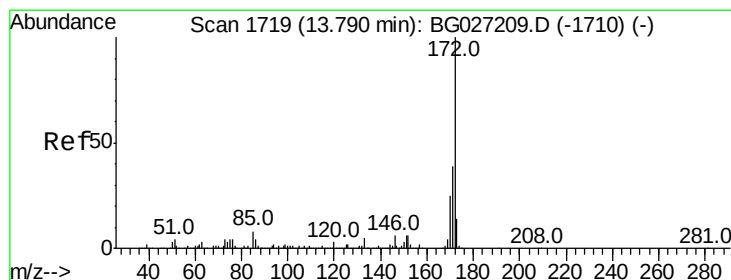
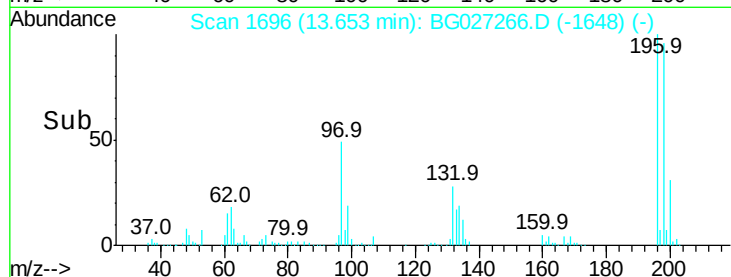
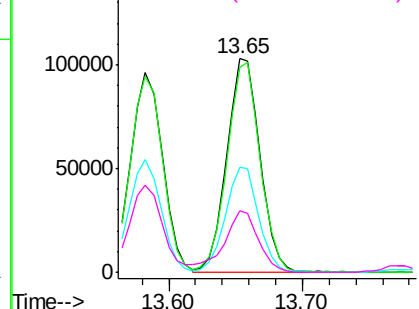
#43
 2,4,5-Trichlorophenol
 Concen: 50.56 ng
 RT: 13.65 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

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

Tot Ion:	196	Resp:	179096
Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.9	119.9
97	49.2	45.4	68.0
132	28.6	20.7	31.1

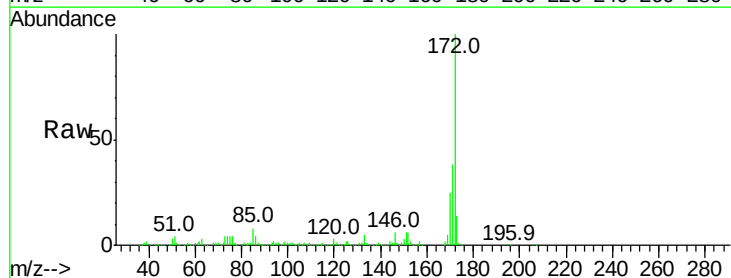


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

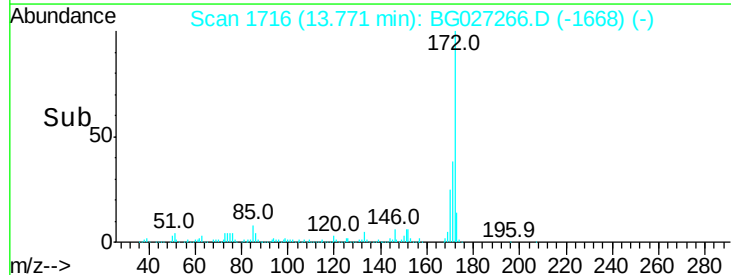
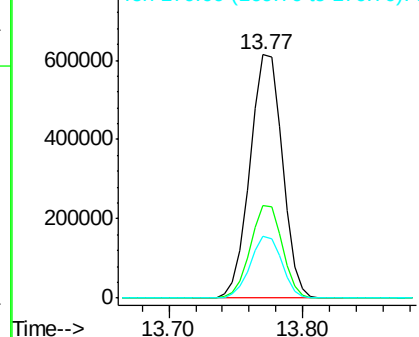


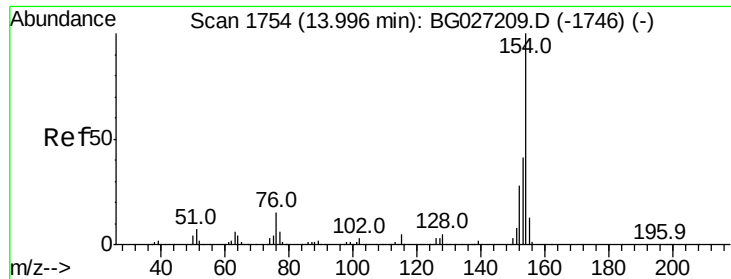
#44
 2-Fluorobiphenyl
 Concen: 85.65 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion:	172	Resp:	1025570
Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.2	21.8	32.6



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

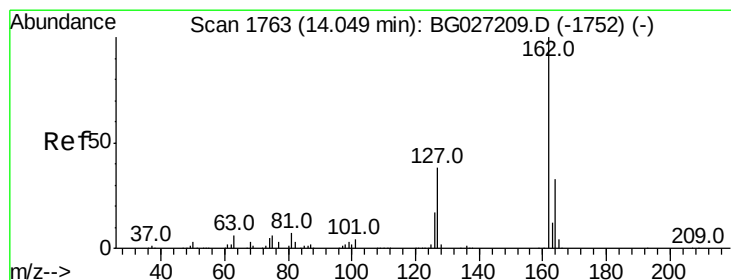
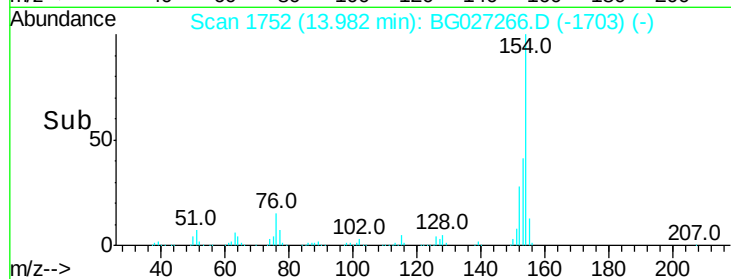
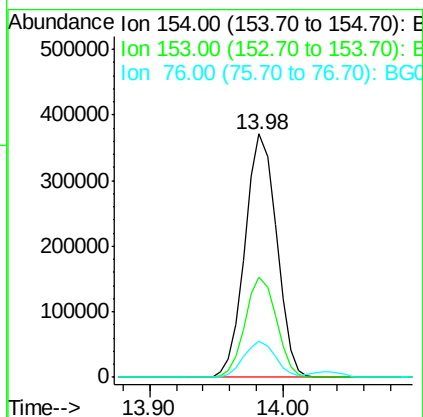
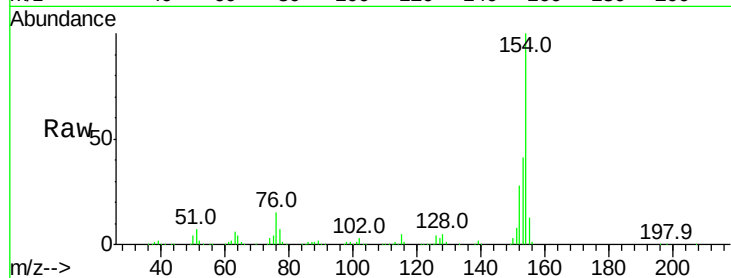




#45
 1,1'-Biphenyl
 Concen: 44.24 ng
 RT: 13.98 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

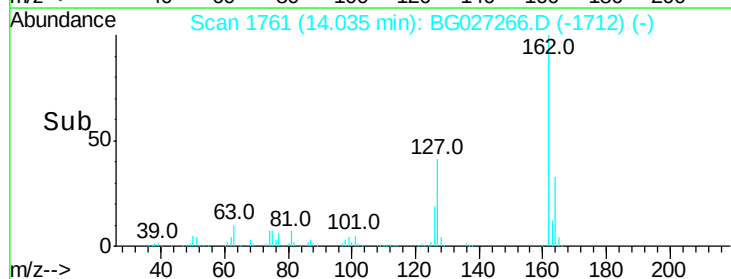
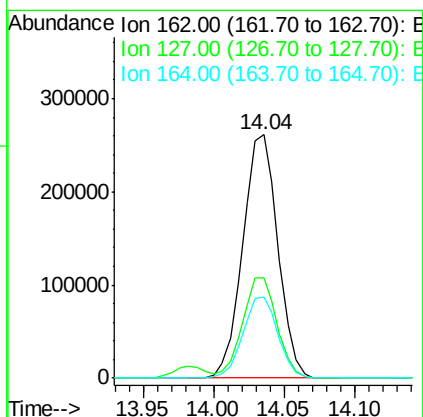
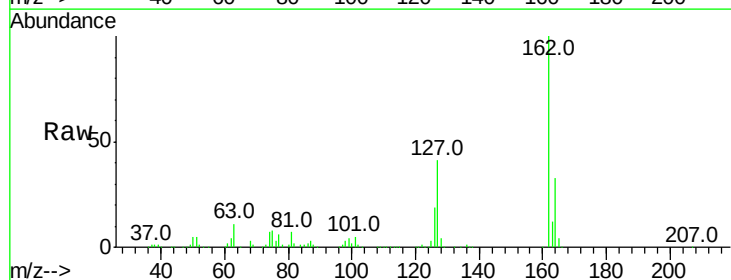
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217MSD

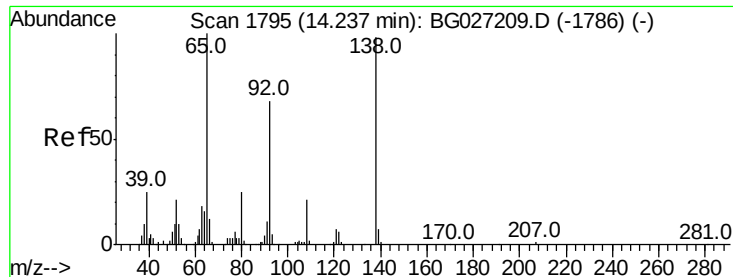
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	15.0	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 44.32 ng
 RT: 14.04 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.4
164	33.4	27.3	40.9

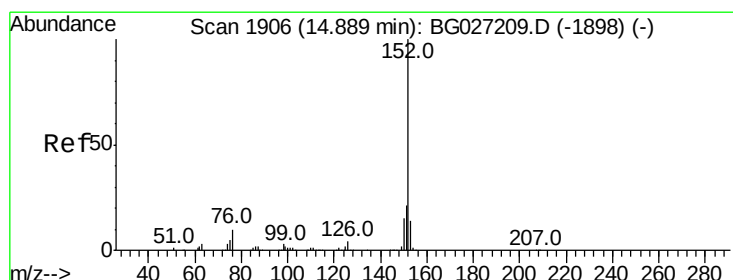
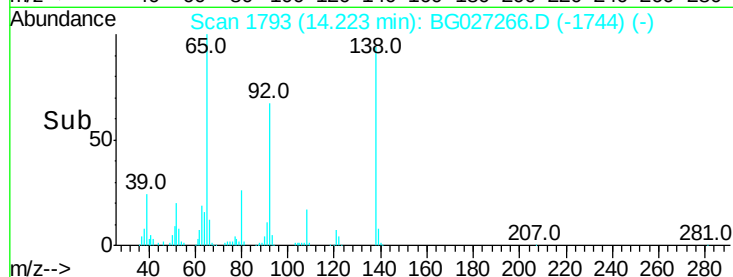
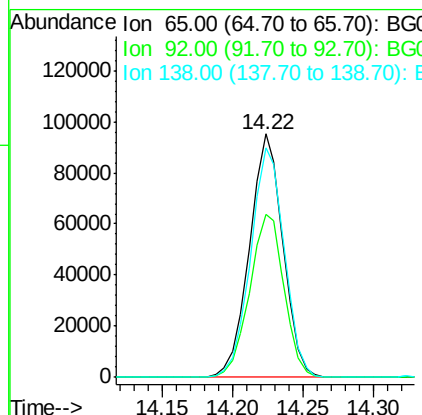
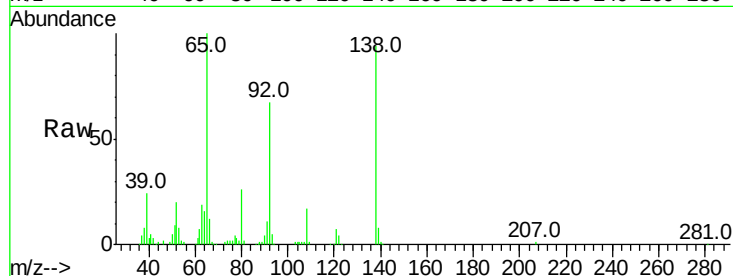




#47
2-Nitroaniline
Concen: 53.40 ng
RT: 14.22 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

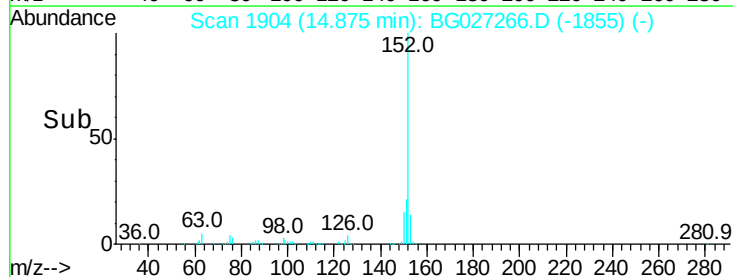
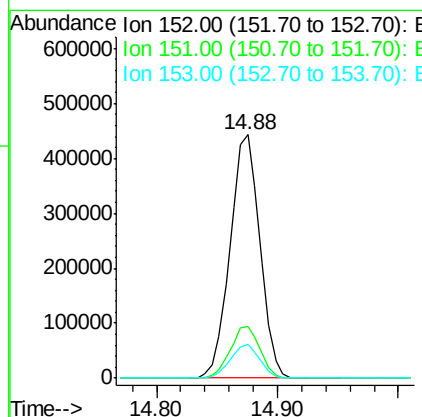
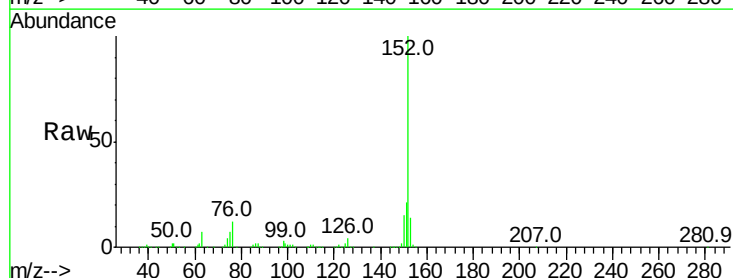
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

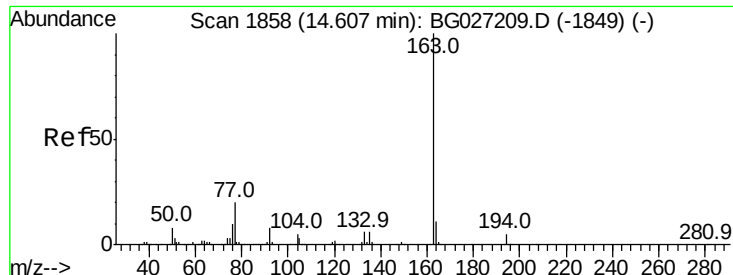
Tot Ion: 65 Resp: 158295
Ion Ratio Lower Upper
65 100
92 67.0 49.0 73.4
138 94.1 58.6 87.8#



#48
Acenaphthylene
Concen: 43.75 ng
RT: 14.88 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion: 152 Resp: 759072
Ion Ratio Lower Upper
152 100
151 21.1 18.2 27.2
153 13.7 11.3 16.9





#49

Dimethylphthalate

Concen: 46.94 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

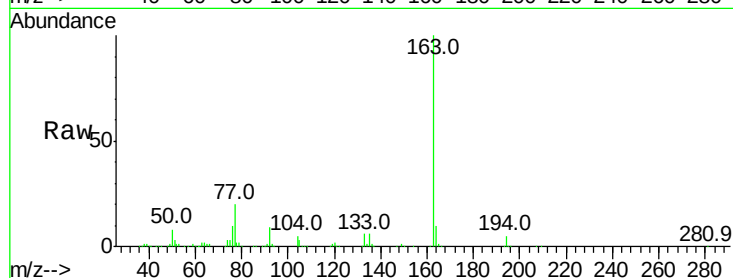
Tot Ion:163 Resp: 623715

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

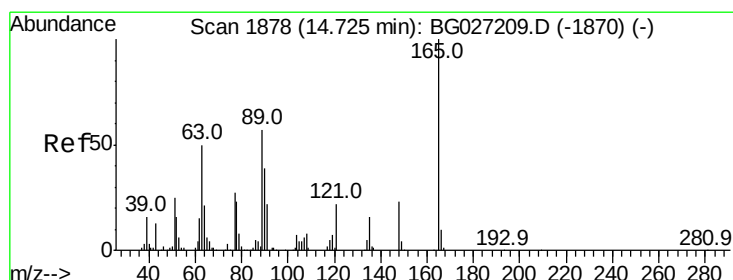
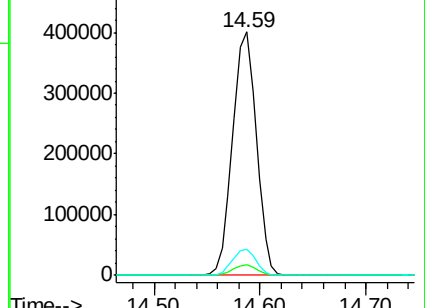
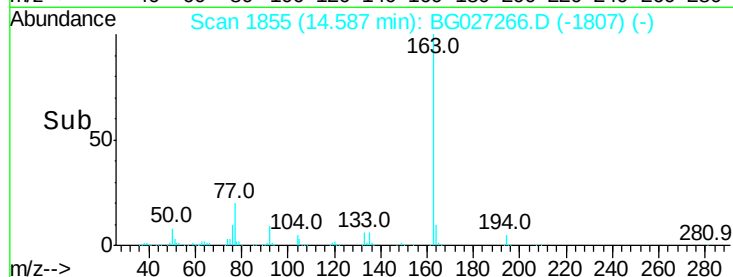
164 10.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.77 ng

RT: 14.70 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

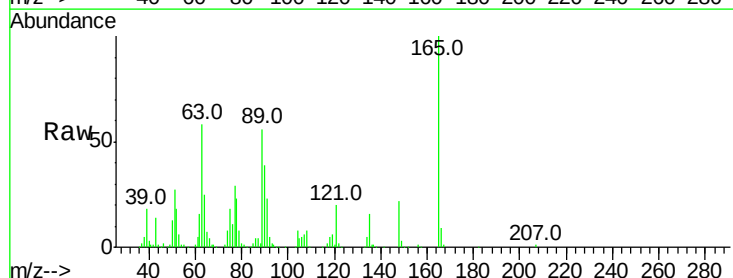
Tgt Ion:165 Resp: 134980

Ion Ratio Lower Upper

165 100

63 58.4 63.9 95.9#

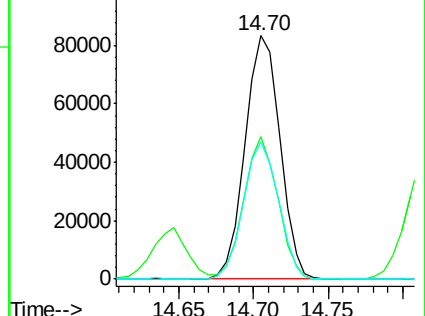
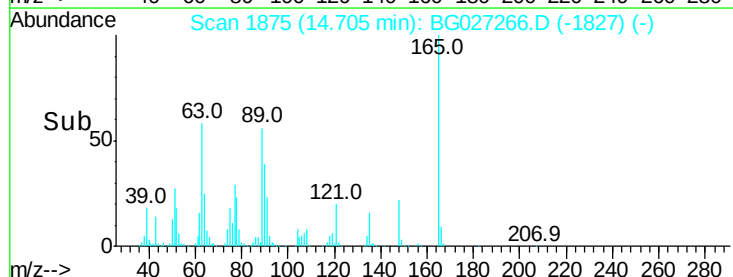
89 56.4 58.6 88.0#

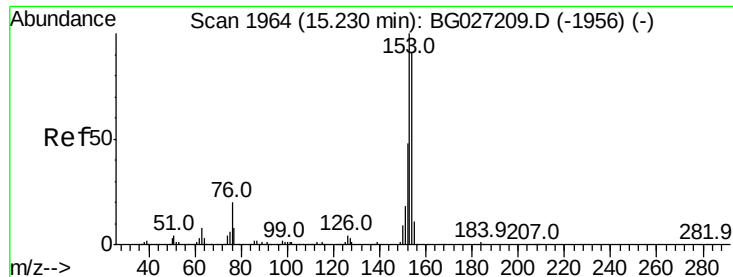


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.17 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

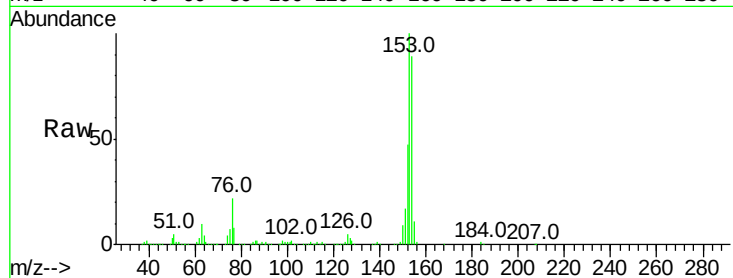
Tot Ion:154 Resp: 554875

Ion Ratio Lower Upper

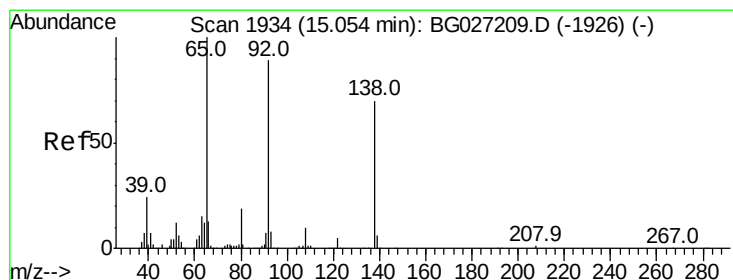
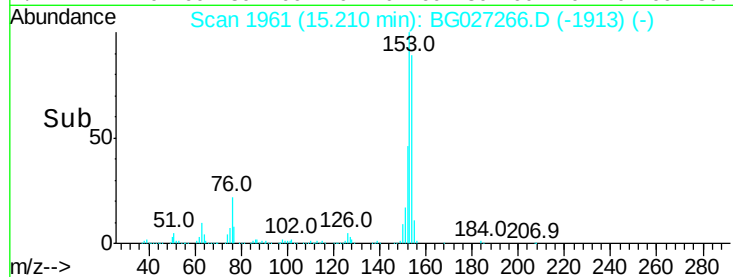
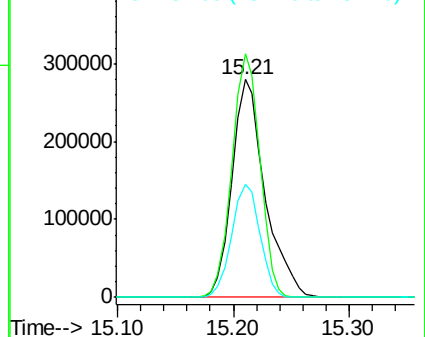
154 100

153 111.8 87.8 131.6

152 52.0 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.76 ng

RT: 15.04 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

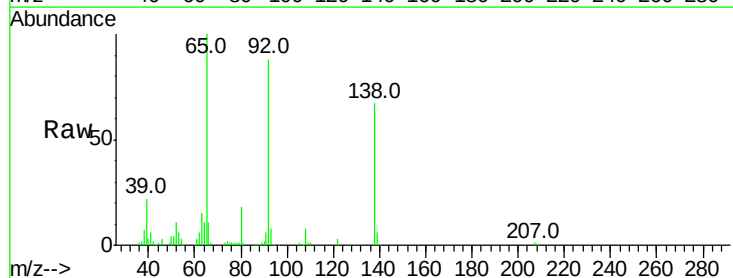
Tgt Ion:138 Resp: 64429

Ion Ratio Lower Upper

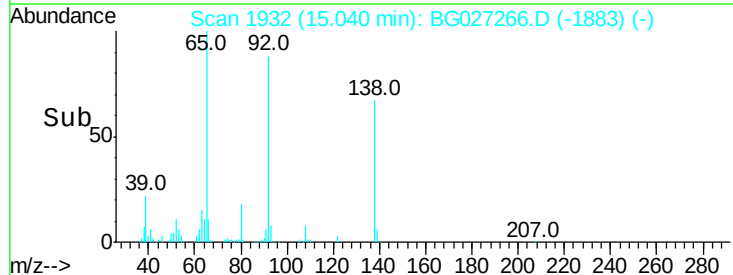
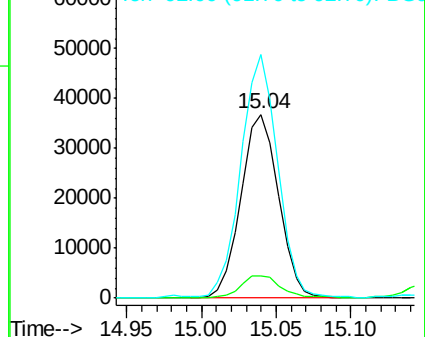
138 100

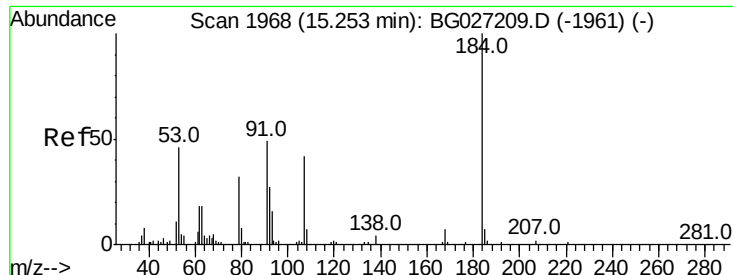
108 11.8 10.9 16.3

92 132.3 115.3 172.9



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

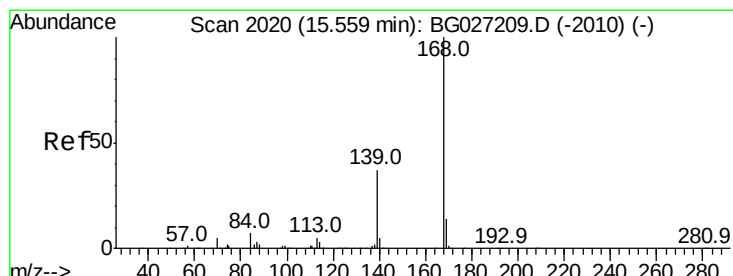
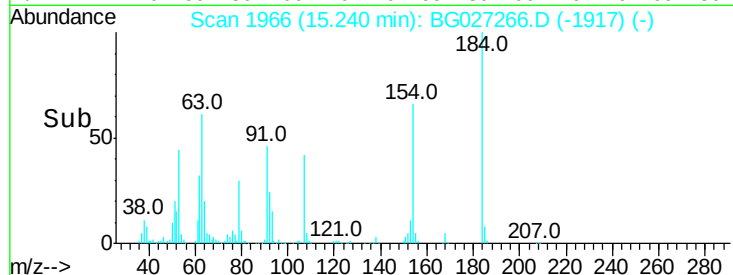
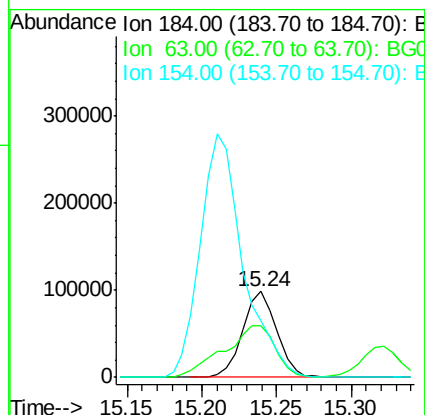
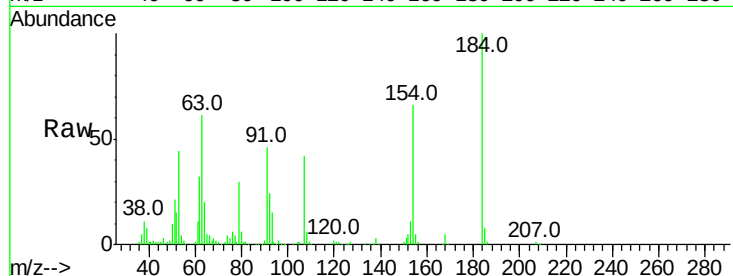




#53
2,4-Dinitrophenol
Concen: 104.76 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

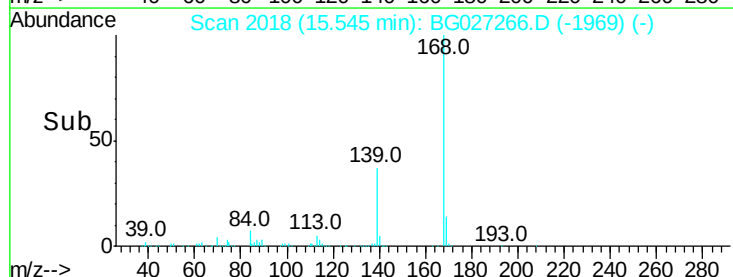
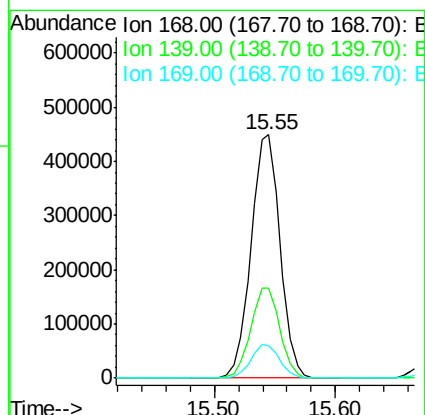
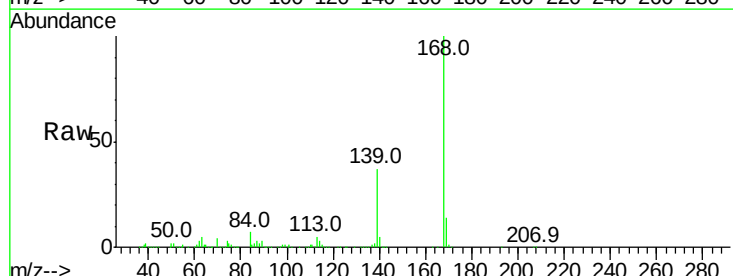
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

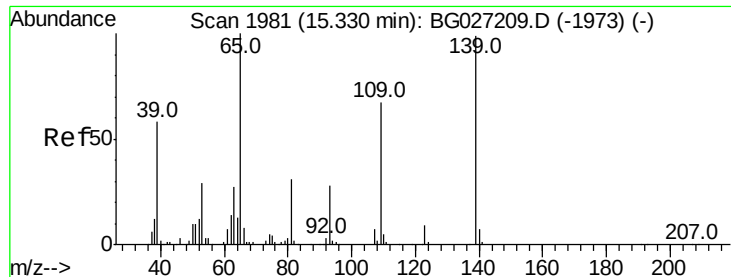
Tot Ion:184 Resp: 155241
Ion Ratio Lower Upper
184 100
63 60.6 52.7 79.1
154 65.8 57.3 85.9



#54
Dibenzofuran
Concen: 47.45 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:168 Resp: 748237
Ion Ratio Lower Upper
168 100
139 36.8 35.3 52.9
169 13.5 11.5 17.3





#55

4-Nitrophenol

Concen: 86.32 ng

RT: 15.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

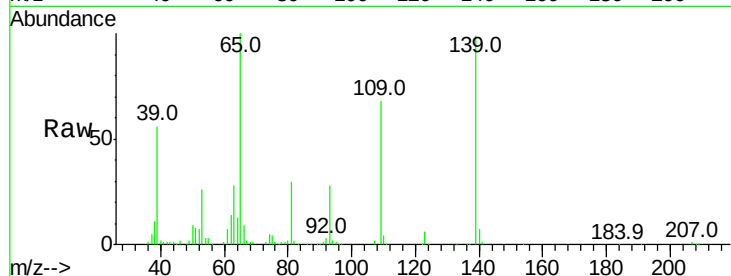
Tot Ion:139 Resp: 217991

Ion Ratio Lower Upper

139 100

109 69.4 101.2 141.2#

65 101.4 135.3 175.3#

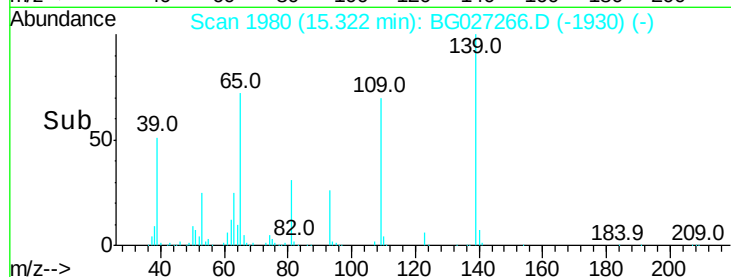


Abundance Ion 139.00 (138.70 to 139.70): E

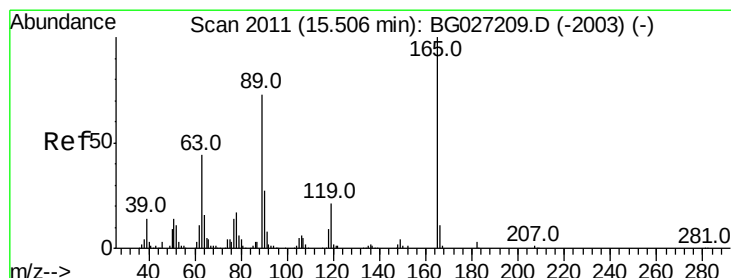
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

15.32



Time--> 15.20 15.30 15.40



#56

2,4-Dinitrotoluene

Concen: 53.22 ng

RT: 15.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Tgt Ion:165 Resp: 186857

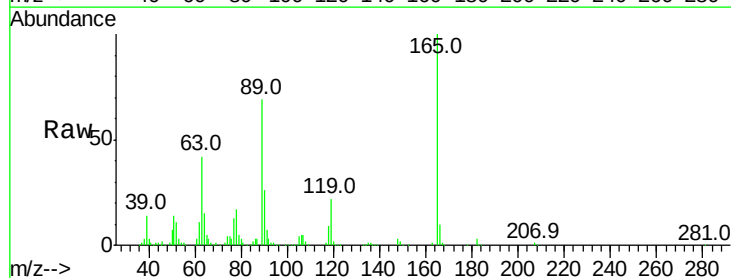
Ion Ratio Lower Upper

165 100

63 41.8 44.0 66.0#

89 69.3 67.3 100.9

182 3.0 3.8 5.6#



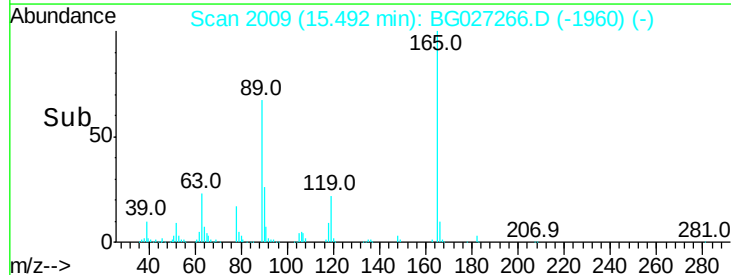
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

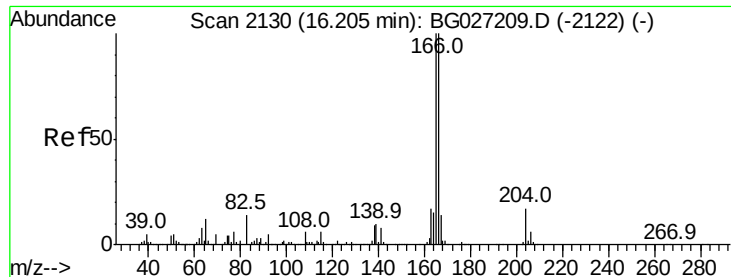
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

15.49



Time--> 15.45 15.50 15.55



#57

Fluorene

Concen: 43.82 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

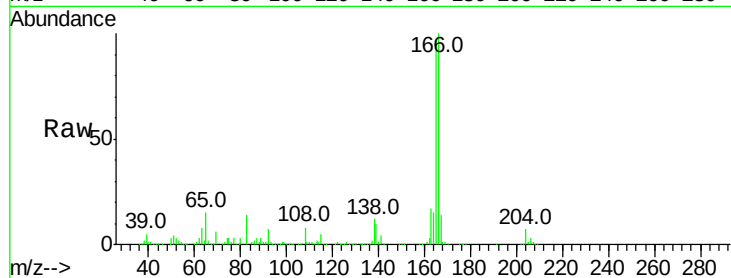
Tot Ion:166 Resp: 613773

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

167 13.8 11.6 17.4

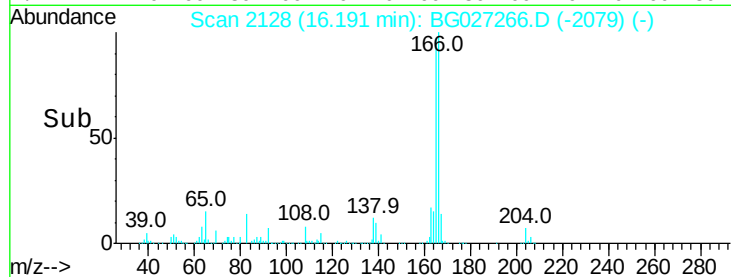


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



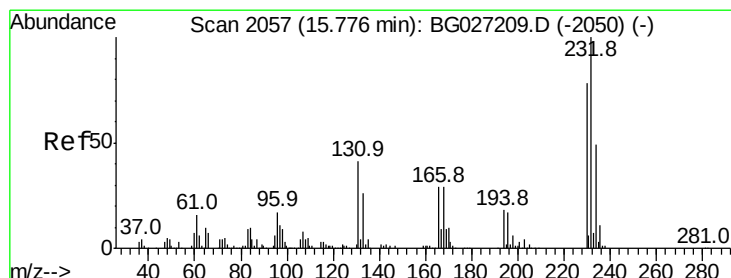
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.56 ng

RT: 15.76 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Tgt Ion:232 Resp: 172517

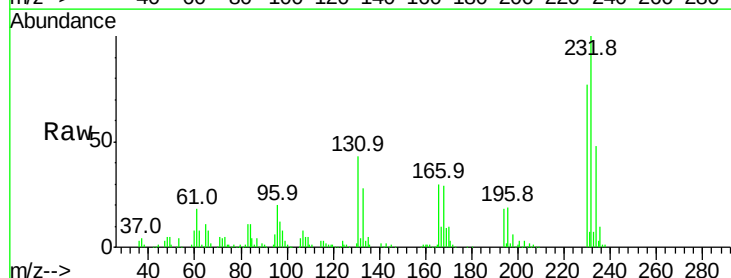
Ion Ratio Lower Upper

232 100

131 43.1 34.9 52.3

130 2.4 2.3 3.5

166 30.3 24.2 36.4



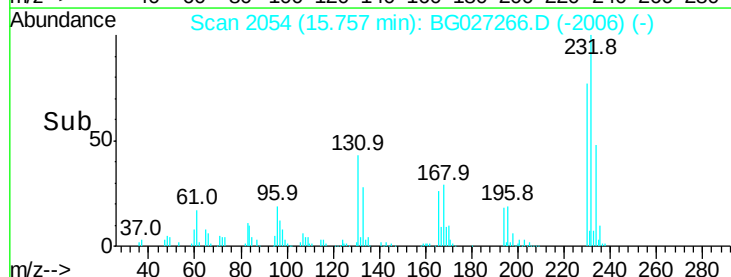
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Abundance

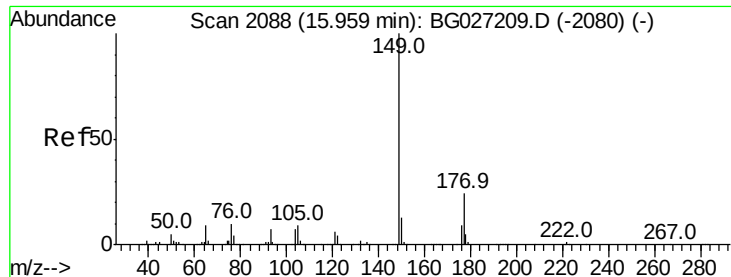
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#59

Diethylphthalate

Concen: 47.91 ng

RT: 15.94 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

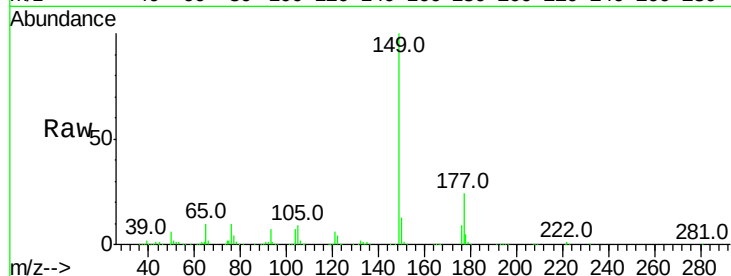
Tot Ion:149 Resp: 635008

Ion Ratio Lower Upper

149 100

177 24.0 20.1 30.1

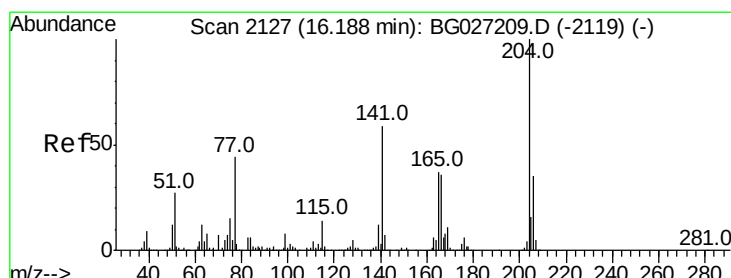
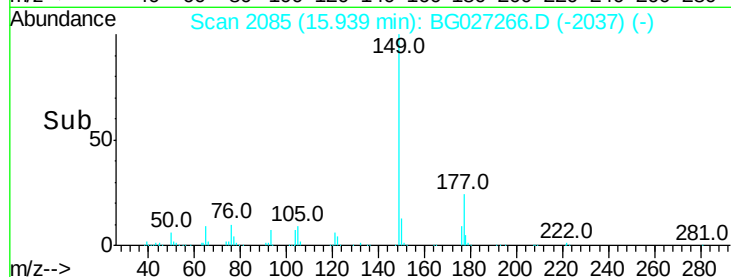
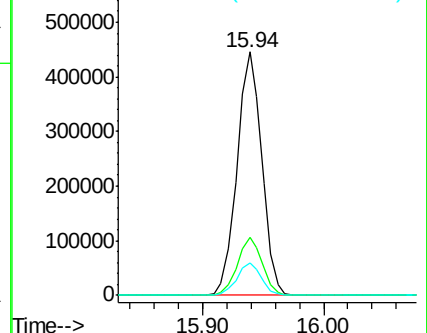
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.30 ng

RT: 16.17 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

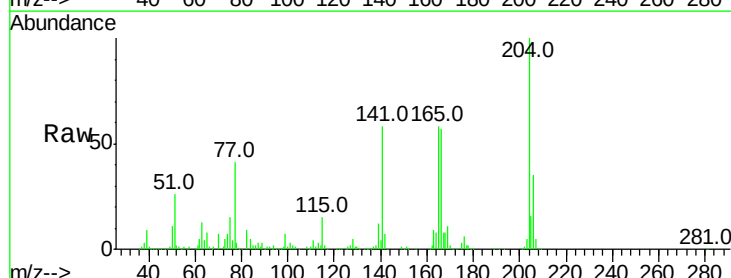
Tgt Ion:204 Resp: 312539

Ion Ratio Lower Upper

204 100

206 34.8 30.1 45.1

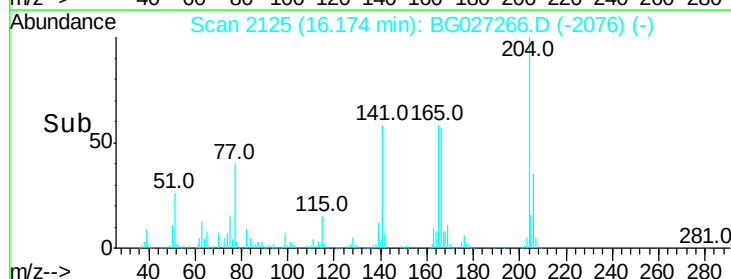
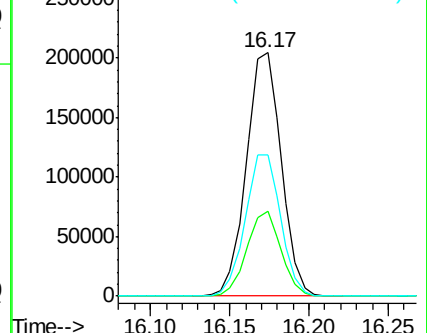
141 58.1 50.6 76.0

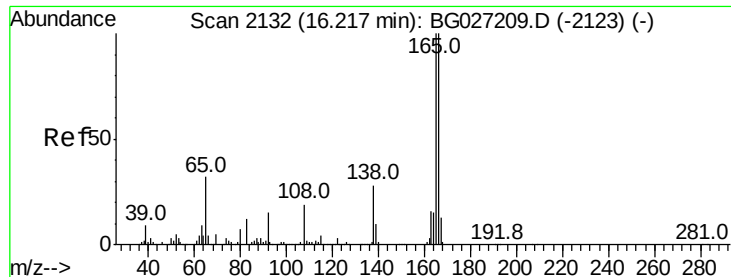


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

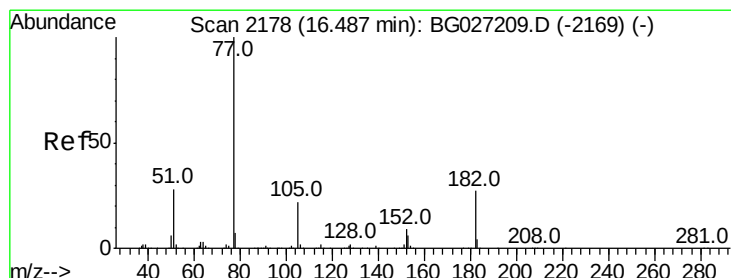
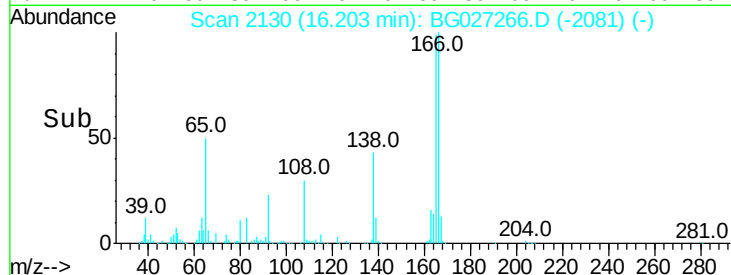
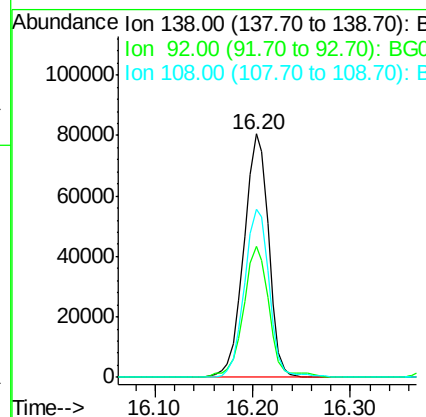
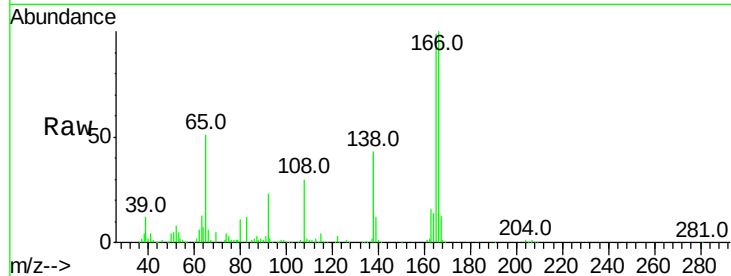




#61
4-Nitroaniline
Concen: 49.50 ng
RT: 16.20 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

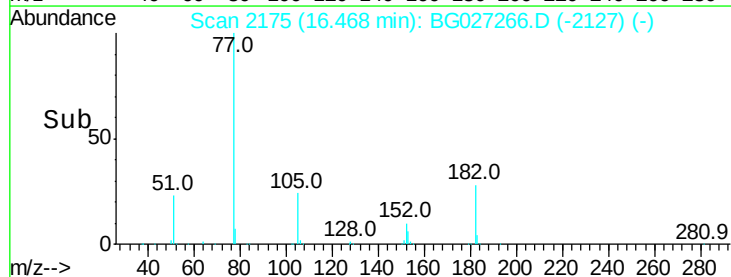
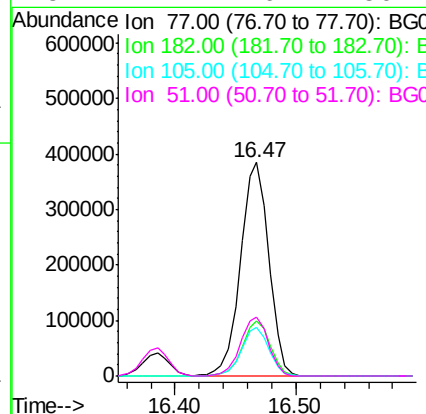
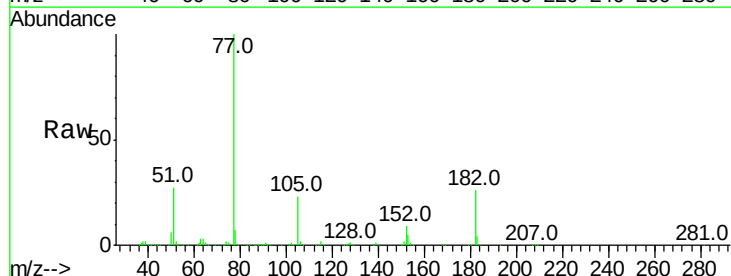
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

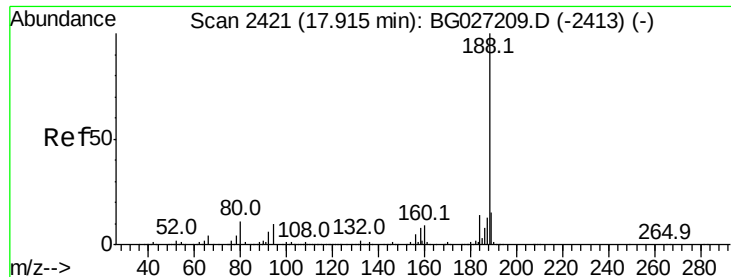
Tot Ion:138 Resp: 142426
Ion Ratio Lower Upper
138 100
92 53.9 44.2 84.2
108 69.2 104.8 144.8#



#62
Azobenzene
Concen: 51.15 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion: 77 Resp: 628327
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 22.6 0.0 36.3
51 27.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

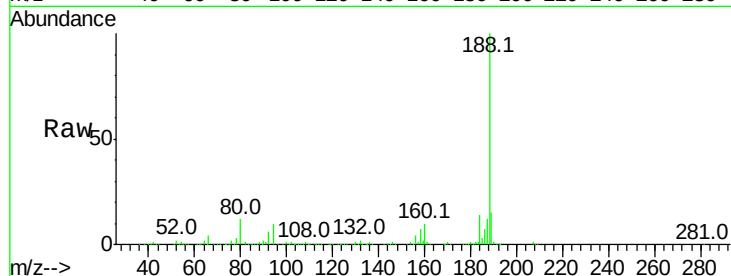
Tot Ion:188 Resp: 390965

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

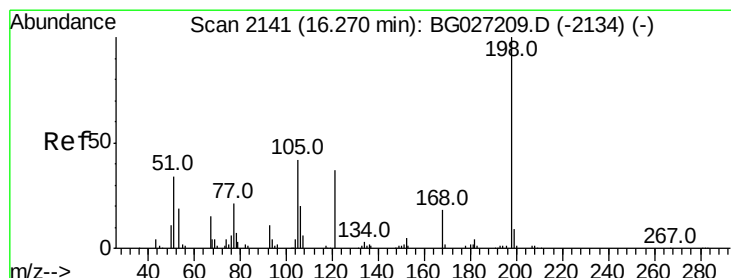
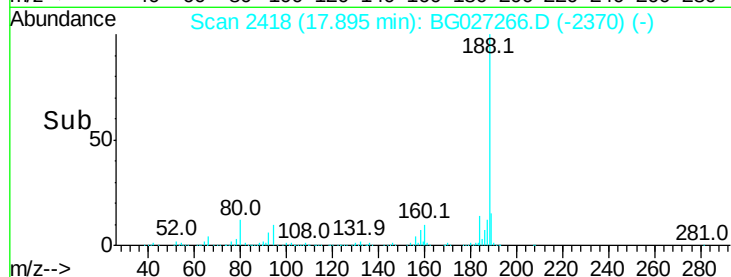
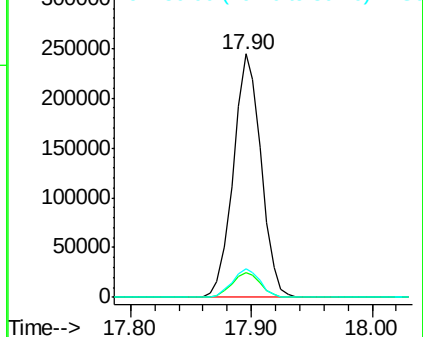
80 11.7 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 57.49 ng

RT: 16.25 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

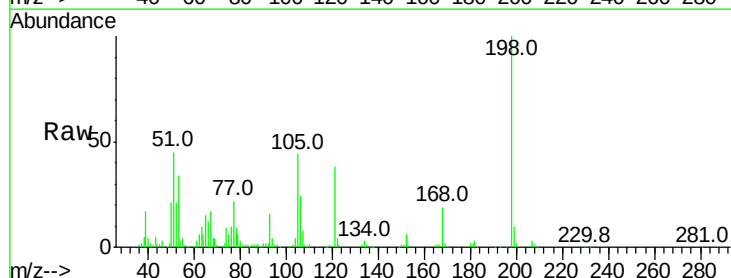
Tgt Ion:198 Resp: 106951

Ion Ratio Lower Upper

198 100

51 44.9 22.6 62.6

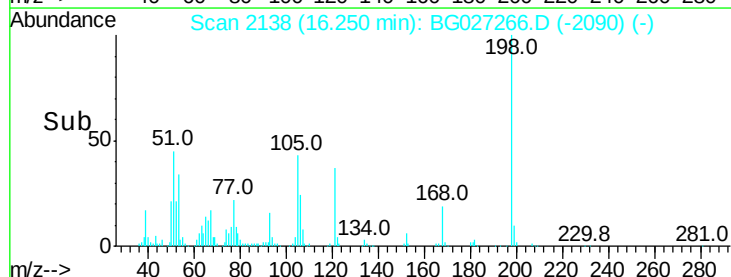
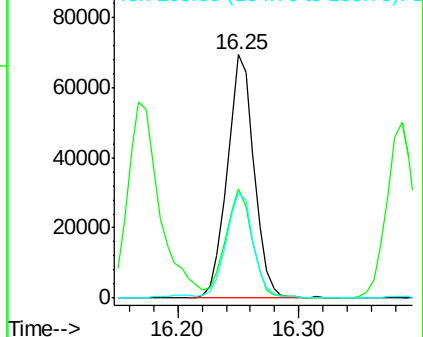
105 43.5 14.4 54.4

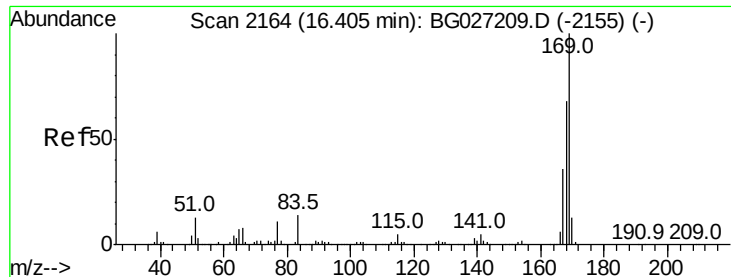


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.10 ng

RT: 16.39 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

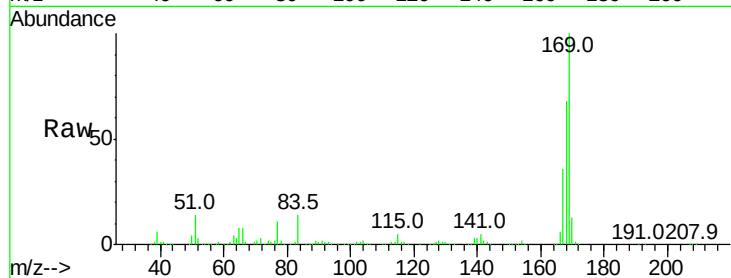
Tot Ion:169 Resp: 552795

Ion Ratio Lower Upper

169 100

168 68.0 55.7 83.5

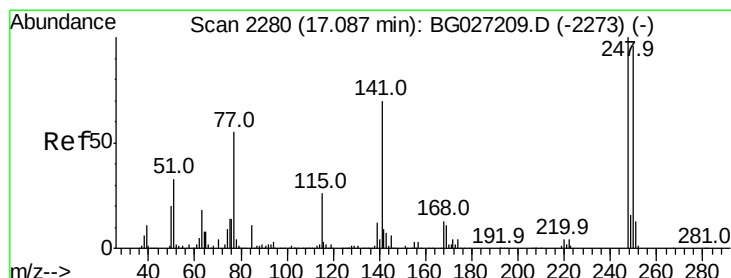
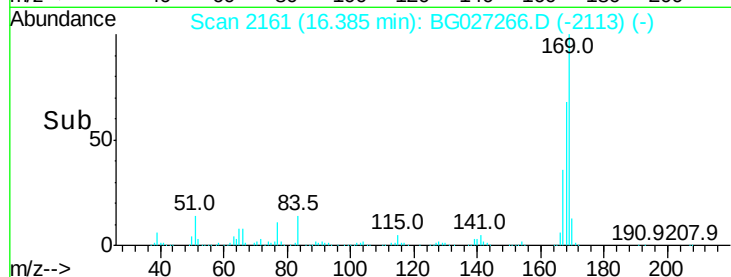
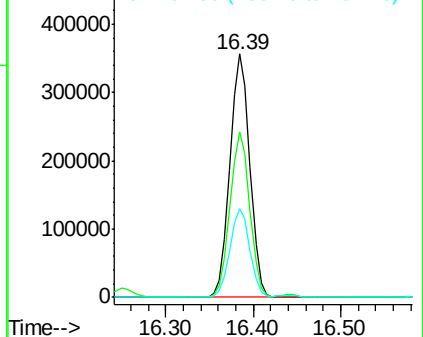
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.26 ng

RT: 17.07 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

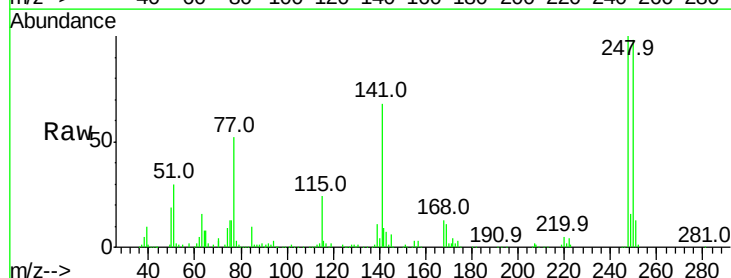
Tgt Ion:248 Resp: 209451

Ion Ratio Lower Upper

248 100

250 97.7 75.0 112.6

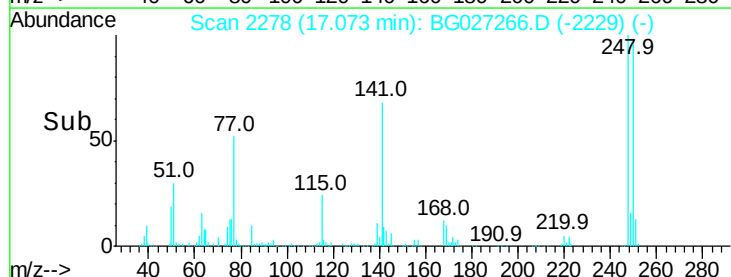
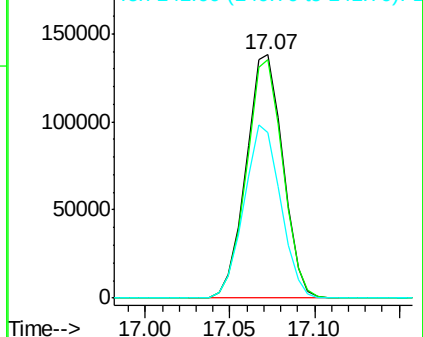
141 67.7 55.2 82.8

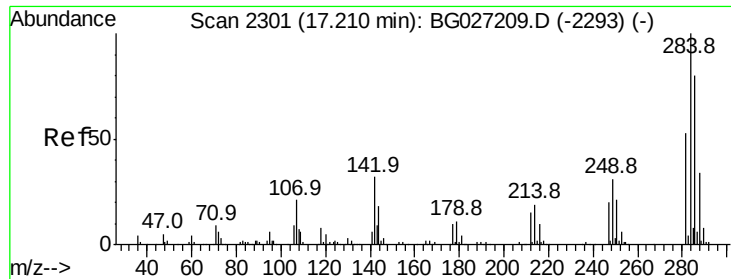


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.00 ng

RT: 17.20 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

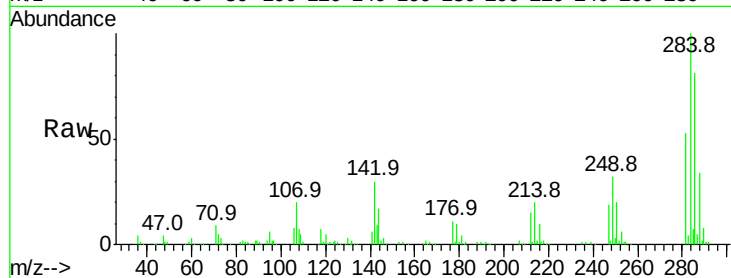
Tot Ion:284 Resp: 223992

Ion Ratio Lower Upper

284 100

142 30.1 29.9 44.9

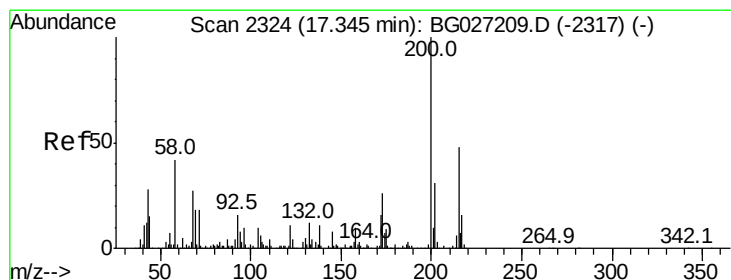
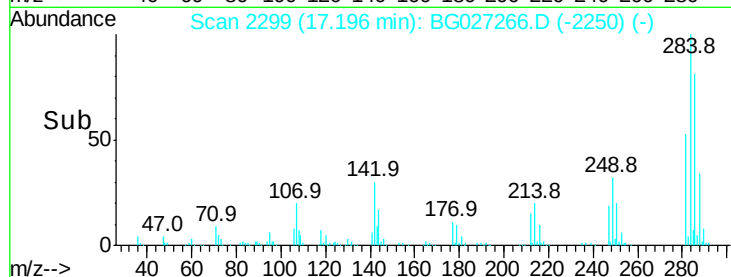
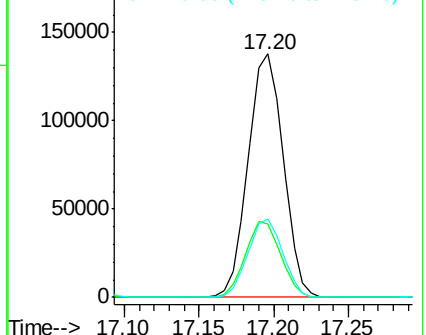
249 32.2 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.57 ng

RT: 17.33 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

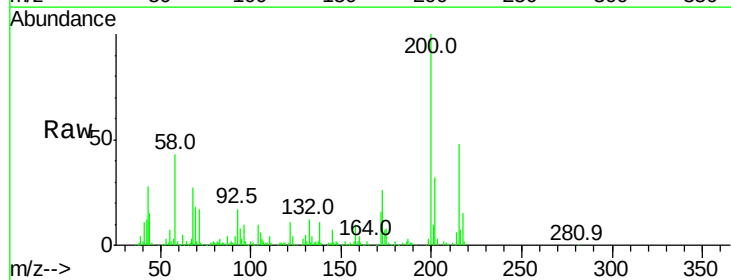
Tgt Ion:200 Resp: 186798

Ion Ratio Lower Upper

200 100

173 26.4 3.0 43.0

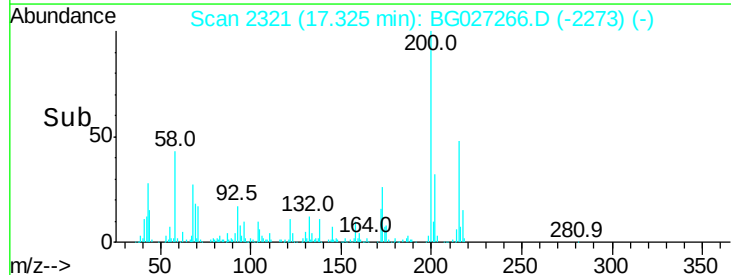
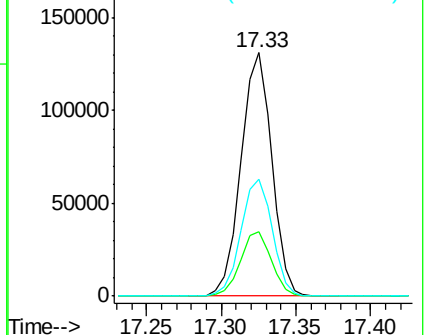
215 48.0 28.4 68.4

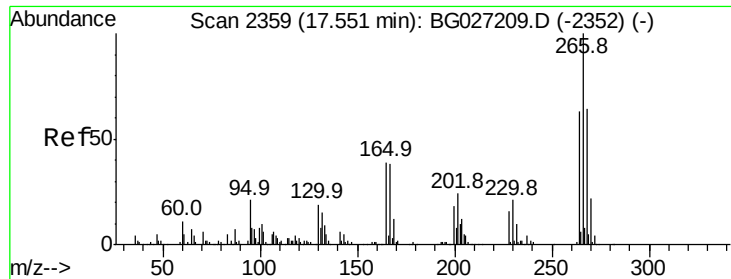


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

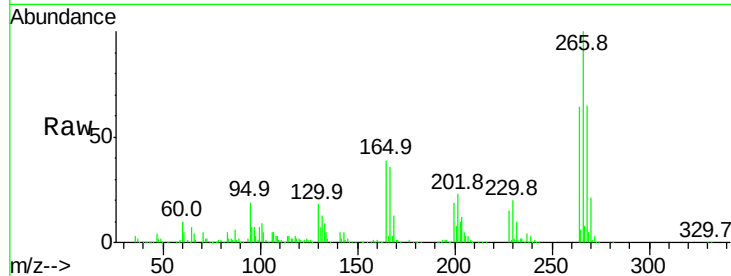




#69
 Pentachlorophenol
 Concen: 97.01 ng
 RT: 17.54 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	48.6	72.8
264	64.0	50.1	75.1

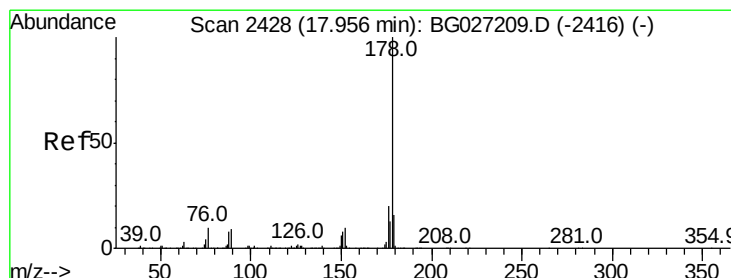
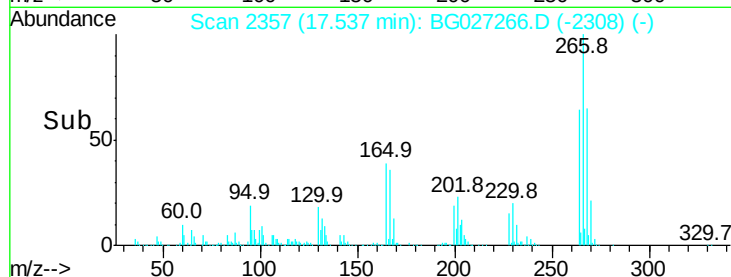
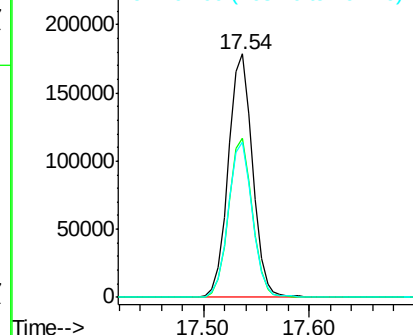


Abundance

Ion 265.70 (265.40 to 266.40): E

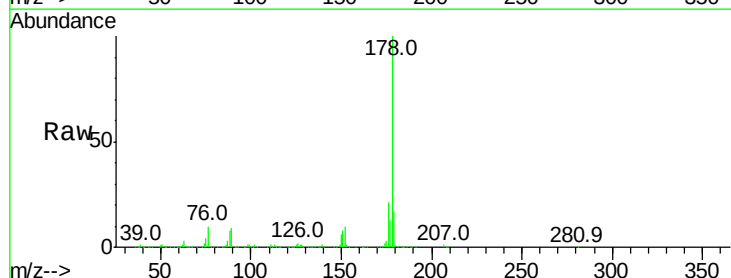
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.31 ng
 RT: 17.94 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.7	26.5
179	16.6	15.0	22.6

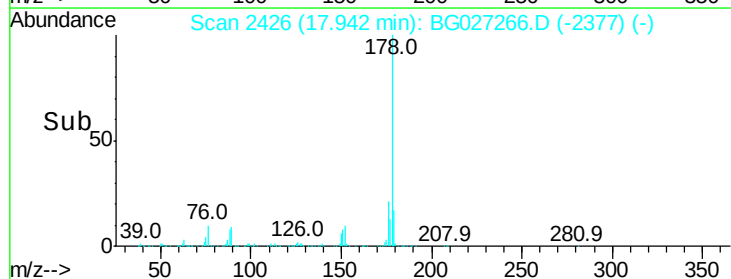
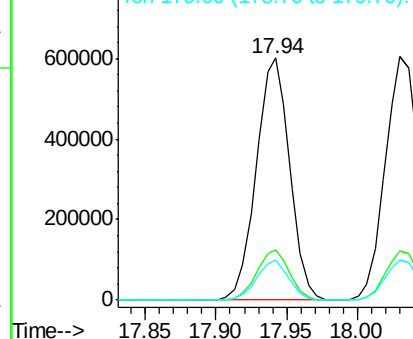


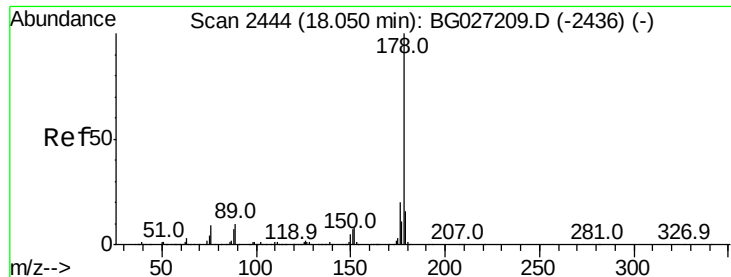
Abundance

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



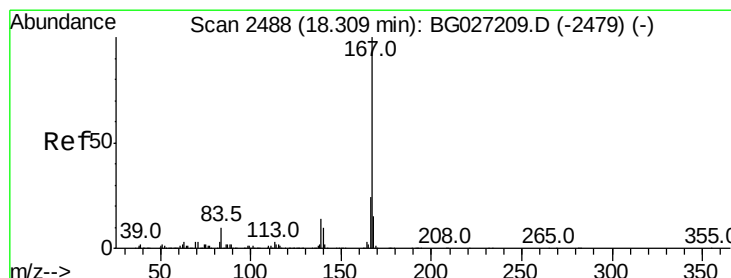
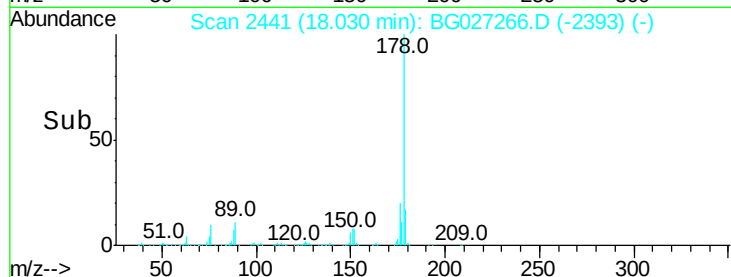
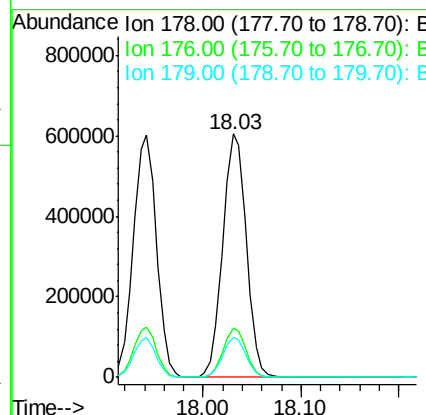
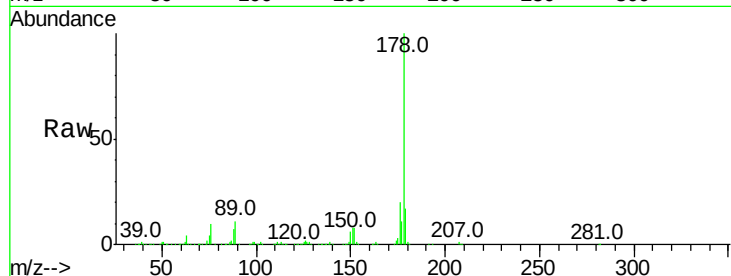


#71
 Anthracene
 Concen: 45.76 ng
 RT: 18.03 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

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

Tot Ion:178 Resp: 1008422

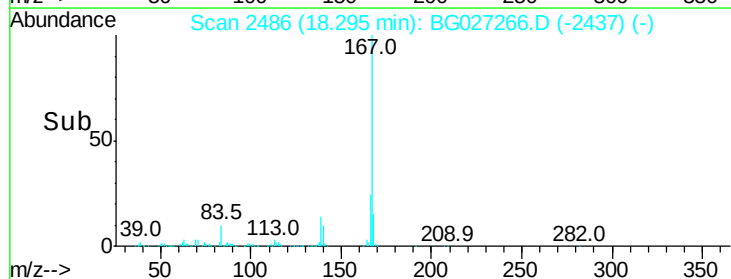
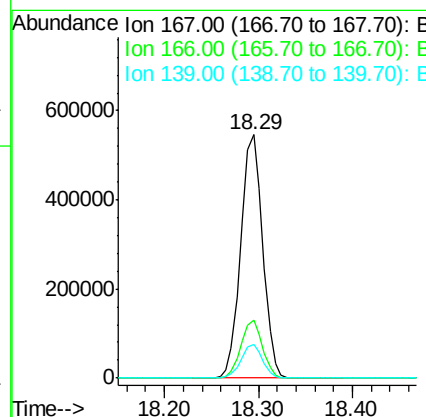
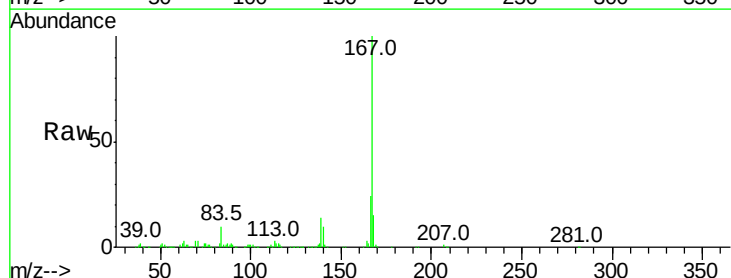
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.6	13.8	20.8

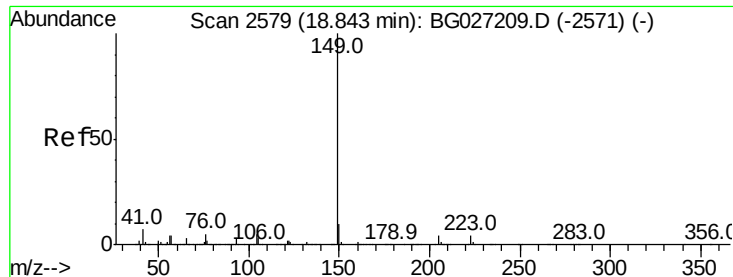


#72
 Carbazole
 Concen: 42.65 ng
 RT: 18.29 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027266.D
 Acq: 7 Jun 2017 2:02

Tgt Ion:167 Resp: 886577

Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.2	30.2
139	13.7	12.8	19.2





#73

Di-n-butylphthalate

Concen: 52.68 ng

RT: 18.82 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

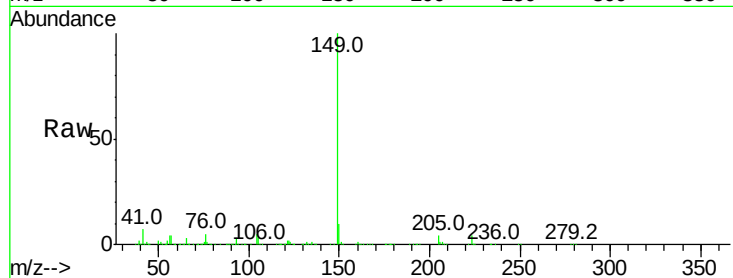
Tot Ion:149 Resp: 1061706

Ion Ratio Lower Upper

149 100

150 9.6 9.1 13.7

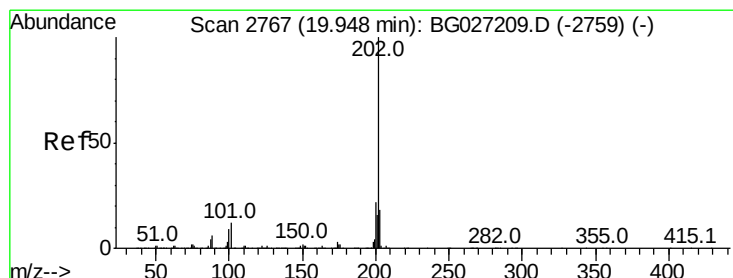
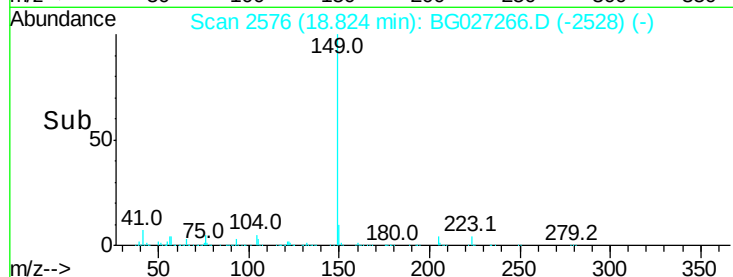
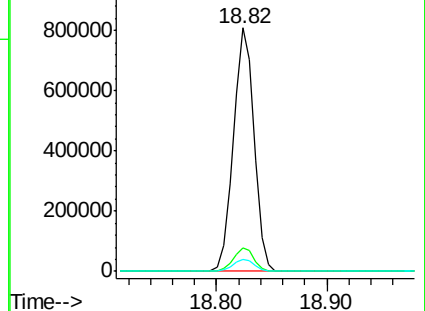
104 5.2 6.7 10.1#



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: 47.93 ng

RT: 19.93 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

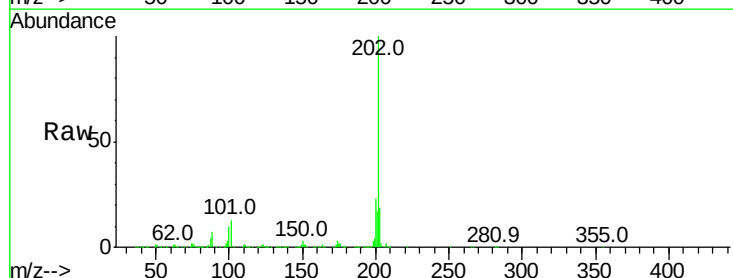
Tgt Ion:202 Resp: 1126371

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.1

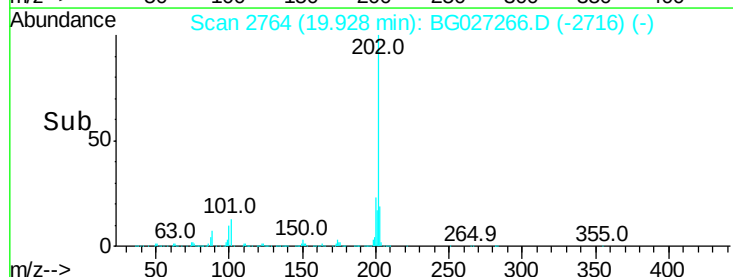
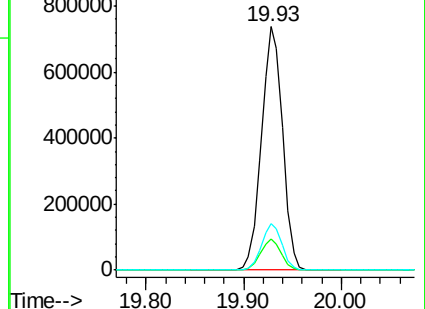
203 19.1 1.3 41.3

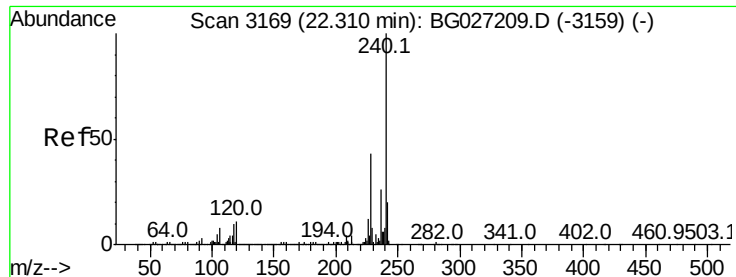


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

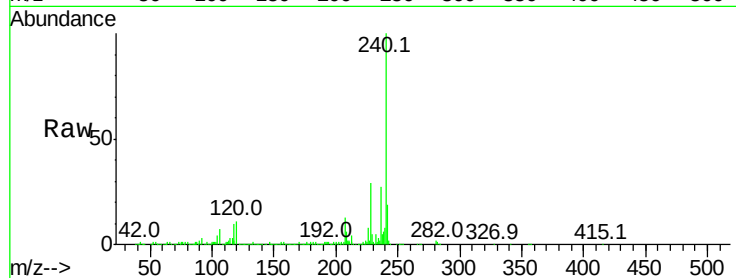
Tot Ion:240 Resp: 453988

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

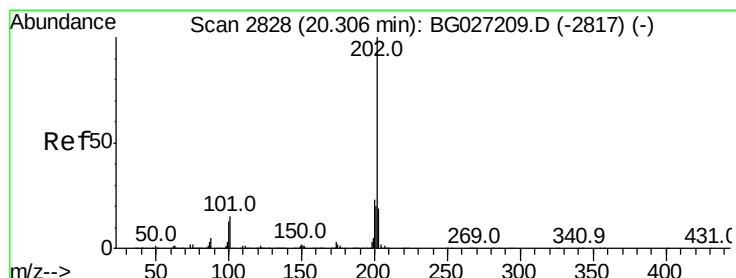
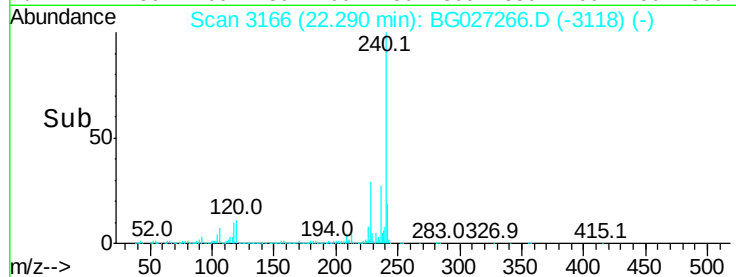
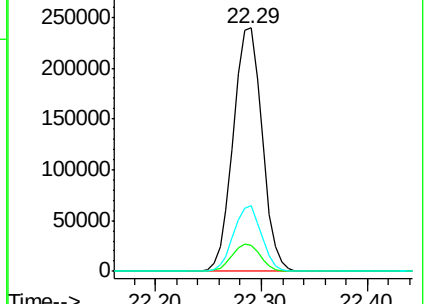
236 27.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 42.68 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

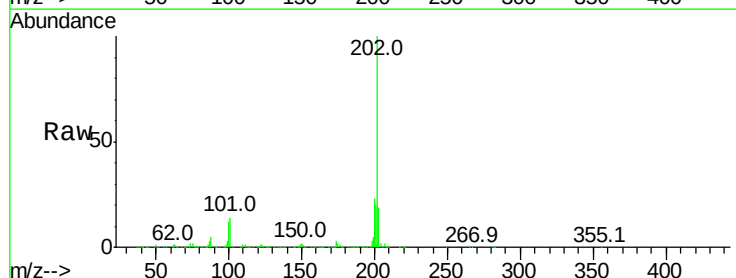
Tgt Ion:202 Resp: 1170853

Ion Ratio Lower Upper

202 100

200 23.3 19.6 29.4

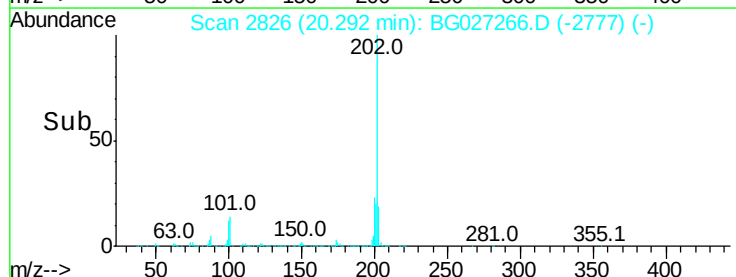
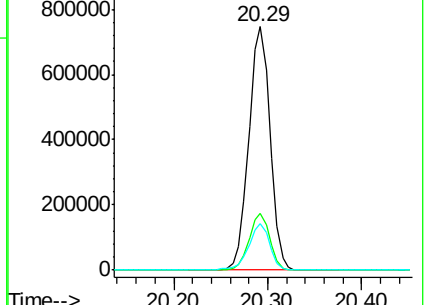
203 19.0 15.8 23.8

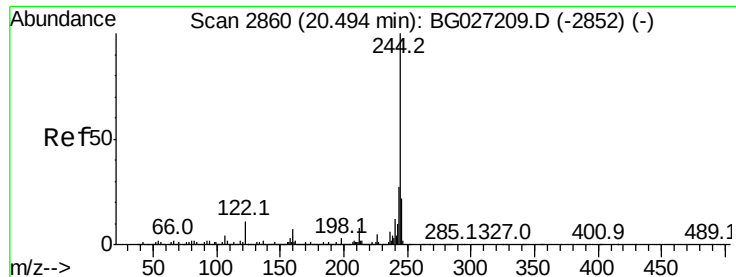


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.31 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

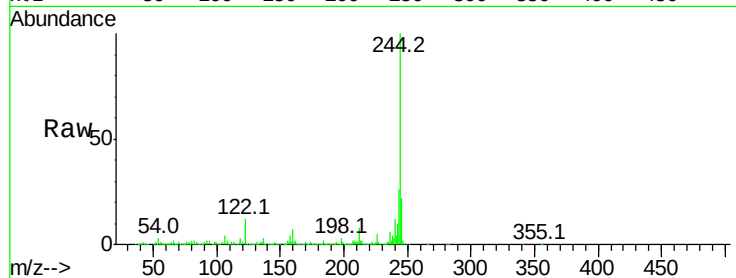
Tot Ion:244 Resp: 1607152

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

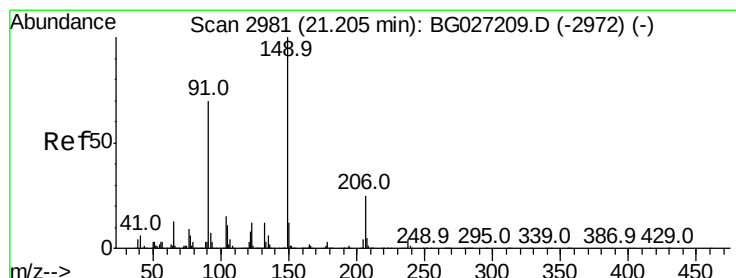
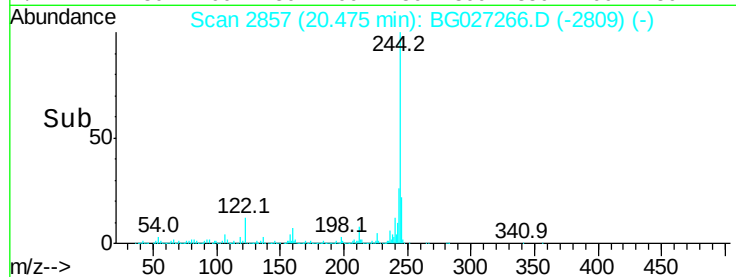
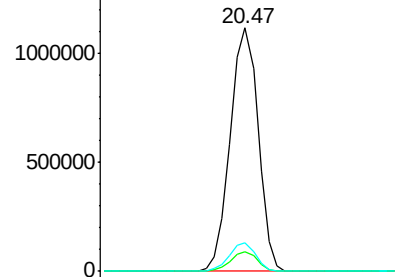
122 11.5 8.6 12.8



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: 49.78 ng

RT: 21.18 min Scan# 2977

Delta R.T. -0.03 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

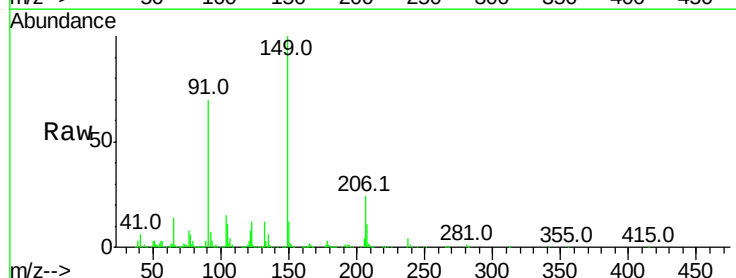
Tgt Ion:149 Resp: 482500

Ion Ratio Lower Upper

149 100

91 70.3 63.5 95.3

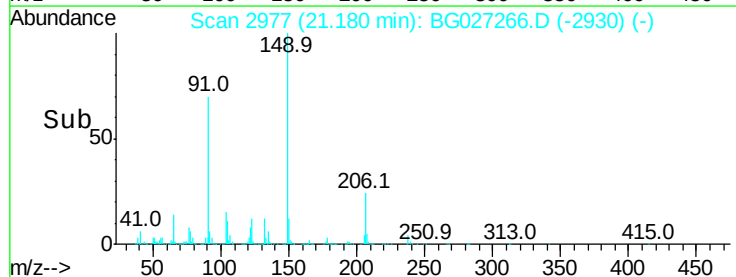
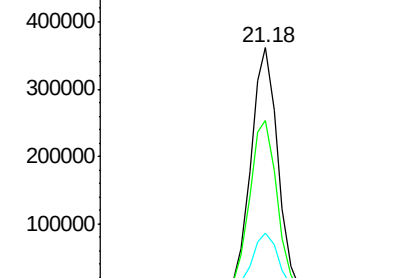
206 23.8 21.0 31.6

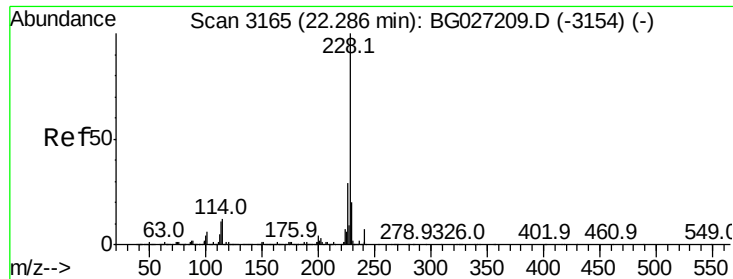


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.21 ng

RT: 22.27 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

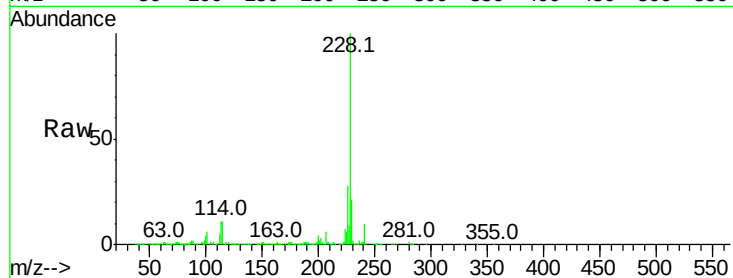
BNA_G

ClientSampleId :

SU-RO-230-060217MSD

Tot Ion:228 Resp: 1170607

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	20.5	18.2	27.2

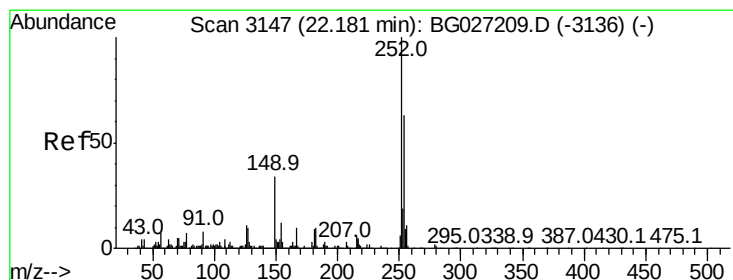
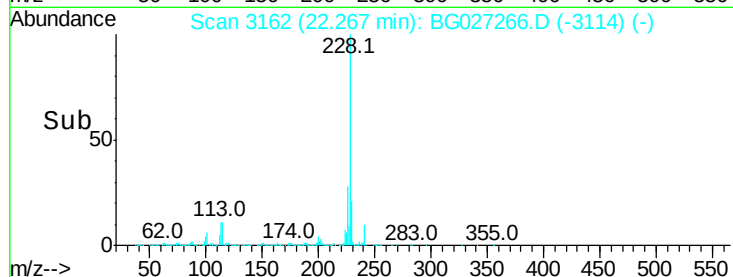
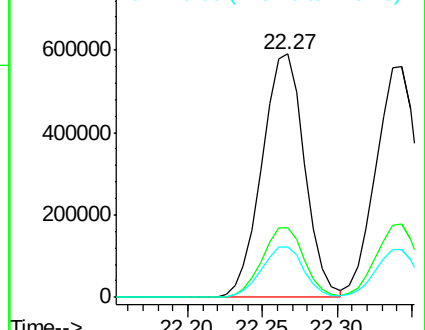


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 24.99 ng

RT: 22.15 min Scan# 3143

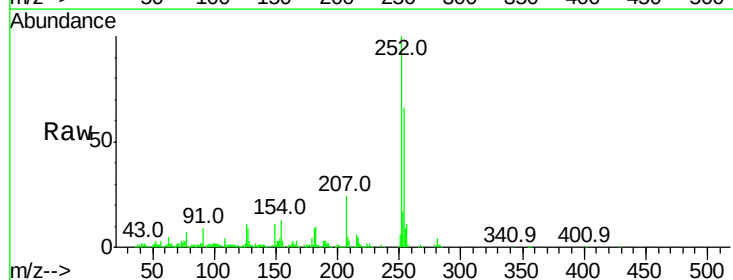
Delta R.T. -0.03 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Tgt Ion:252 Resp: 251658

Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.1	79.7
126	11.2	7.0	10.4

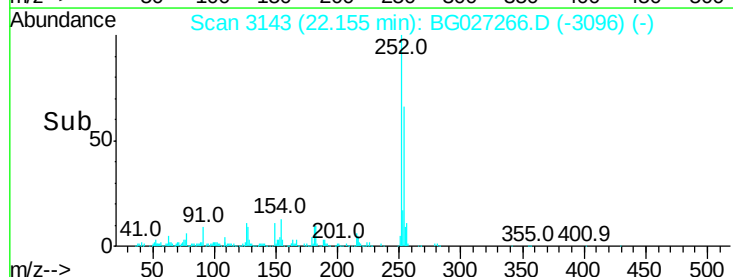
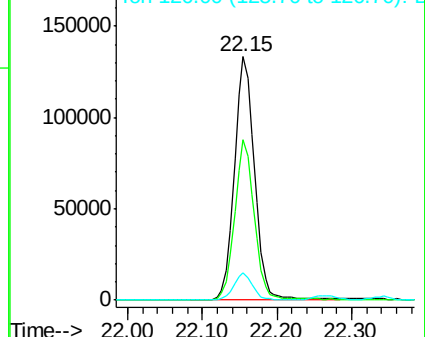


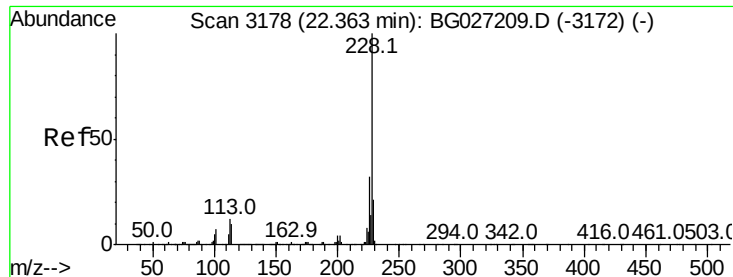
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.12 ng

RT: 22.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

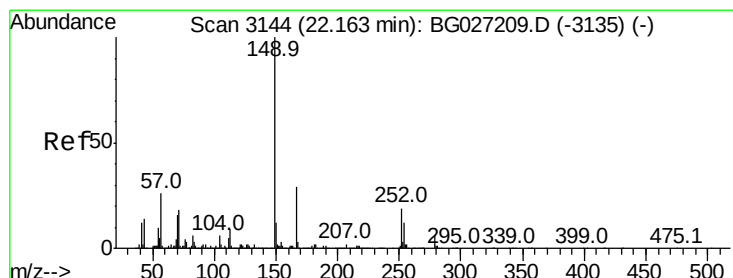
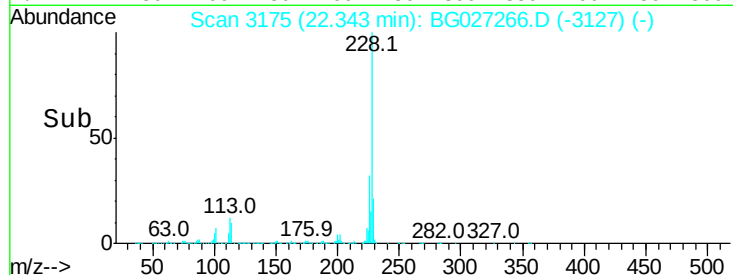
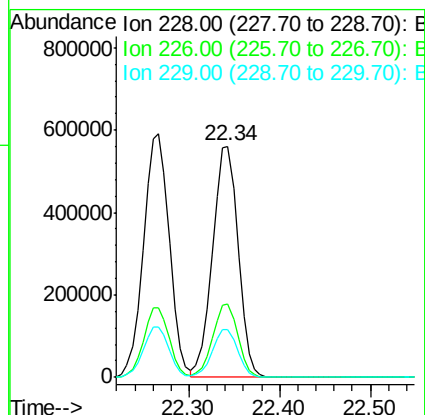
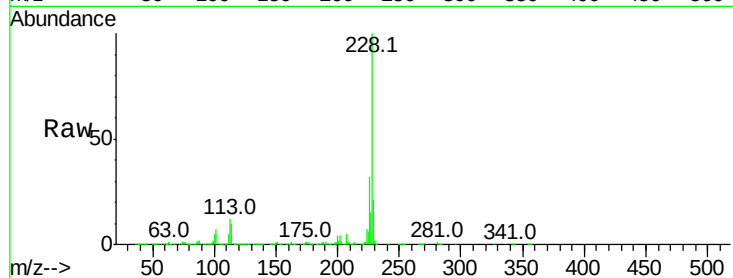
Tot Ion:228 Resp: 1096732

Ion Ratio Lower Upper

228 100

226 31.5 27.0 40.4

229 20.7 17.8 26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.74 ng

RT: 22.13 min Scan# 3139

Delta R.T. -0.03 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

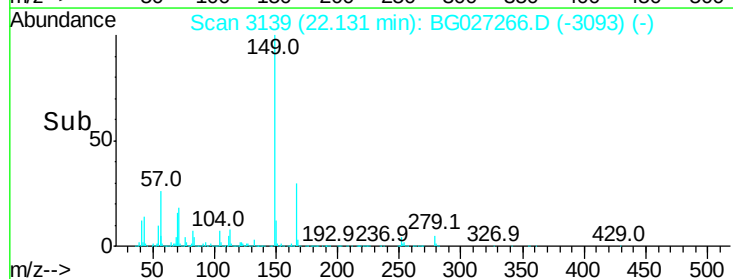
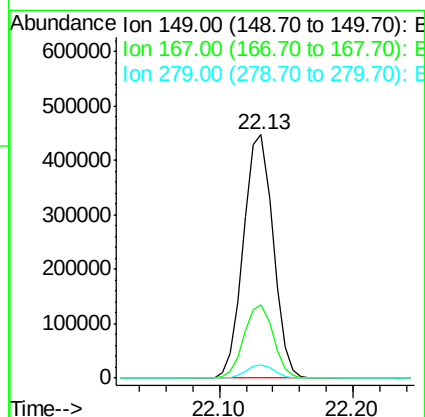
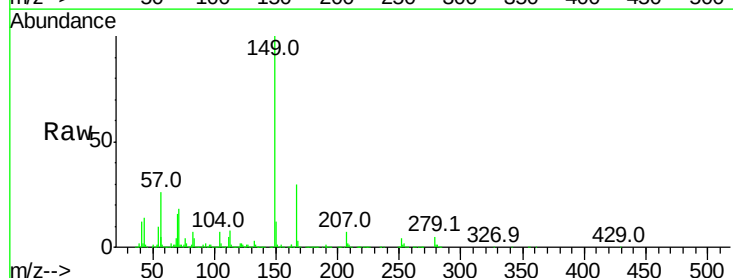
Tgt Ion:149 Resp: 684670

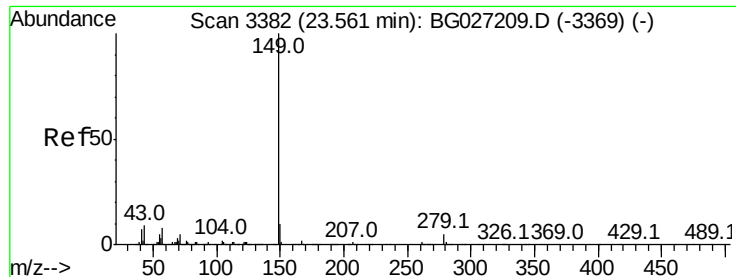
Ion Ratio Lower Upper

149 100

167 30.0 23.7 35.5

279 5.5 4.6 6.8

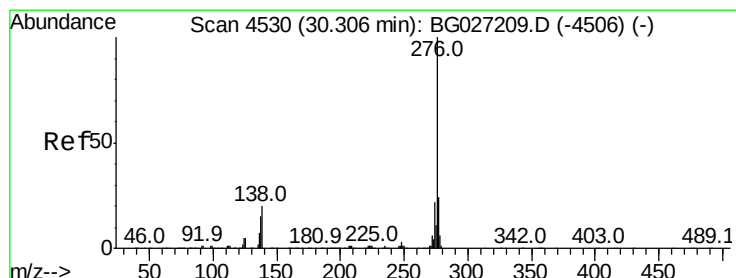
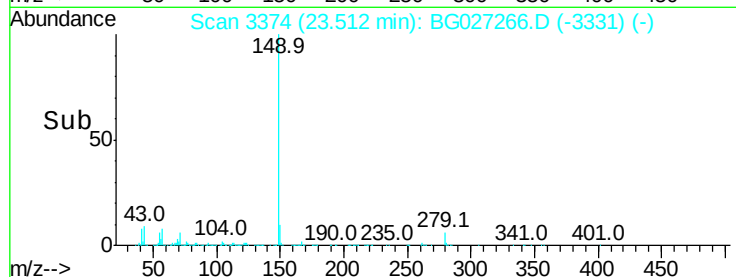
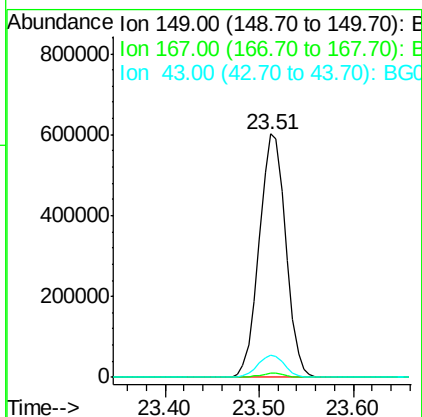
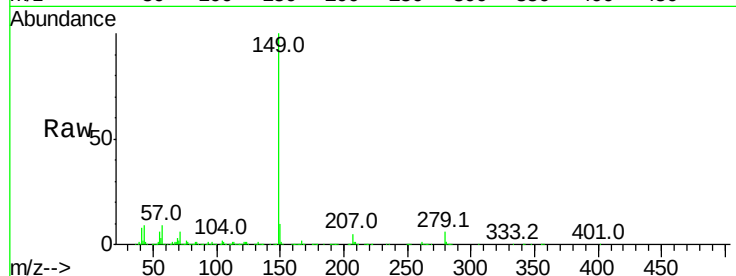




#84
Di-n-octyl phthalate
Concen: 48.33 ng
RT: 23.51 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

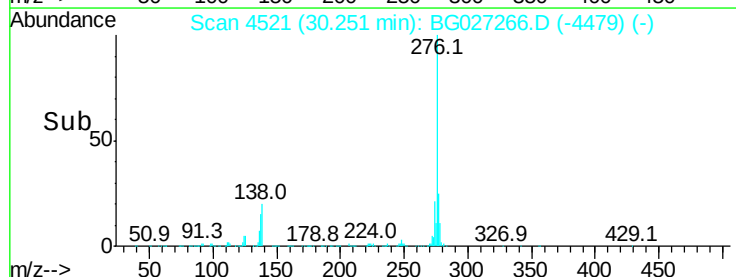
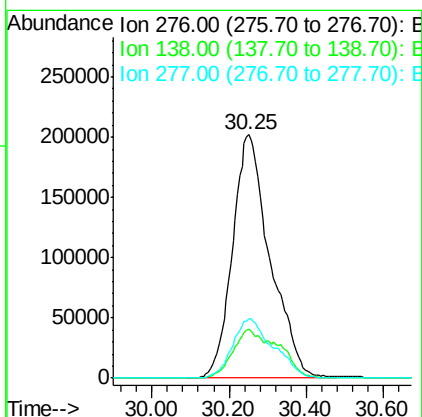
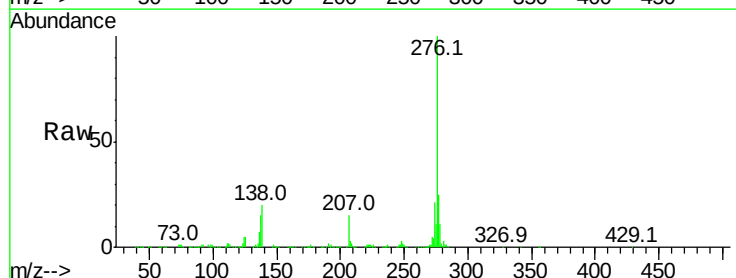
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

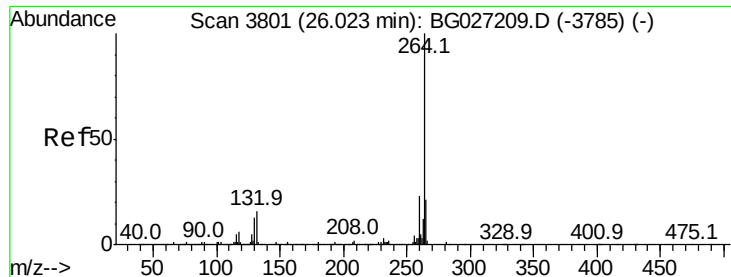
Tot Ion:149 Resp: 1172391
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 9.3 11.8 17.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 45.58 ng
RT: 30.25 min Scan# 4521
Delta R.T. -0.06 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:276 Resp: 1372013
Ion Ratio Lower Upper
276 100
138 15.2 4.7 7.1#
277 26.4 20.6 31.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.99 min Scan# 3795

Delta R.T. -0.04 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

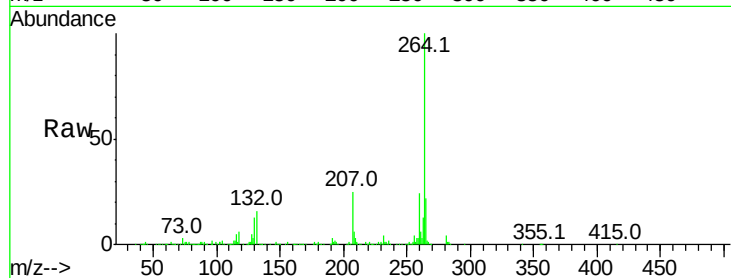
Tot Ion:264 Resp: 413068

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.6 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

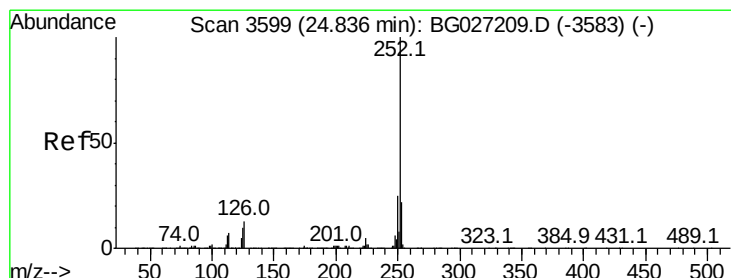
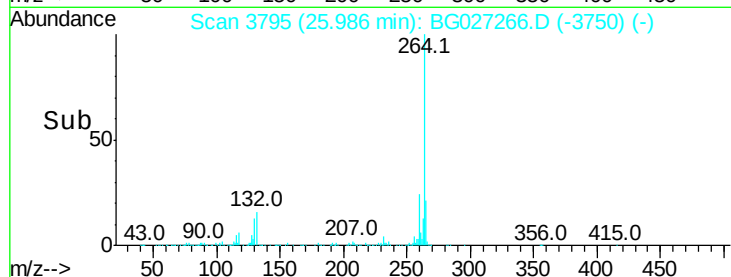
100000

50000

0

25.80 26.00

Time-->



#87

Benzo(b)fluoranthene

Concen: 47.05 ng

RT: 24.80 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

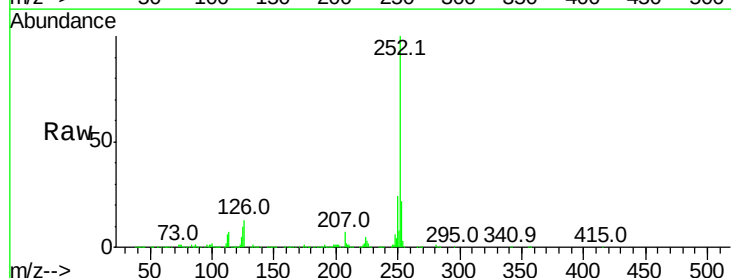
Tgt Ion:252 Resp: 1205427

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

125 10.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

500000

400000

300000

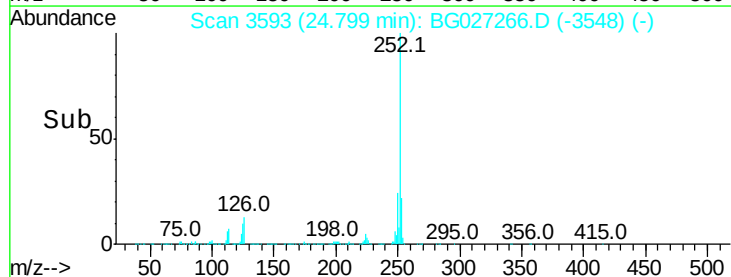
200000

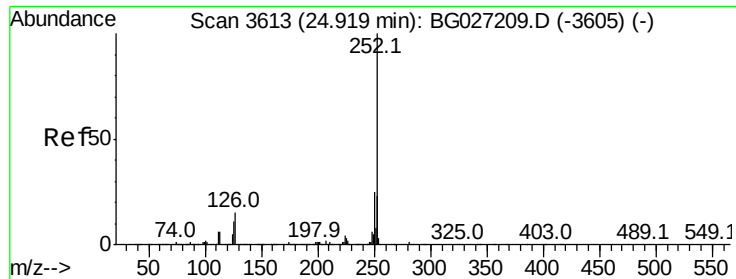
100000

0

24.70 24.80

Time-->

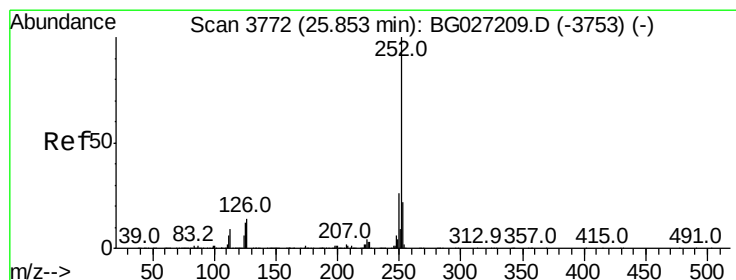
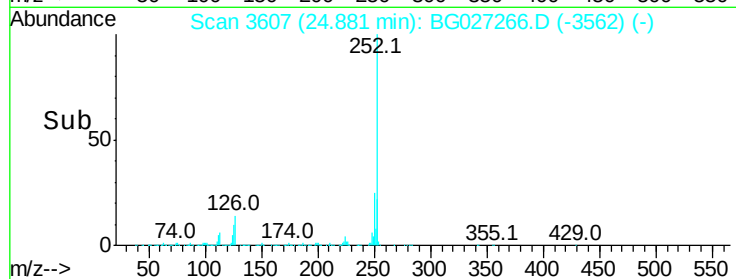
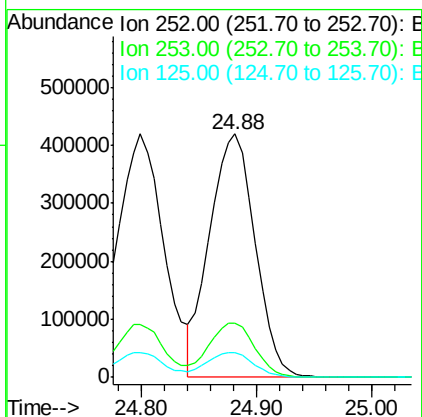
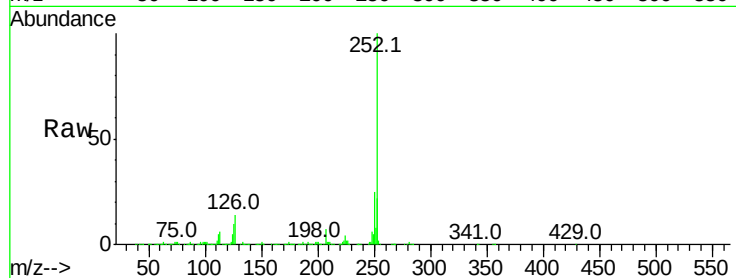




#88
Benzo(k)fluoranthene
Concen: 45.49 ng
RT: 24.88 min Scan# 3607
Delta R.T. -0.04 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

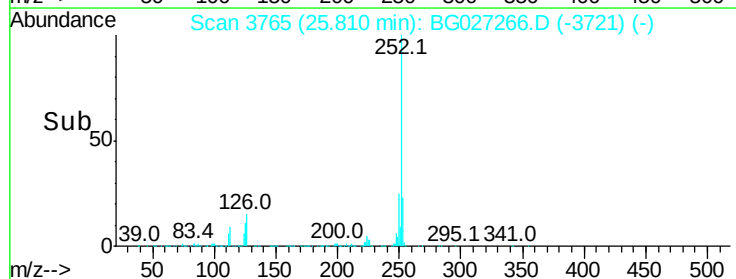
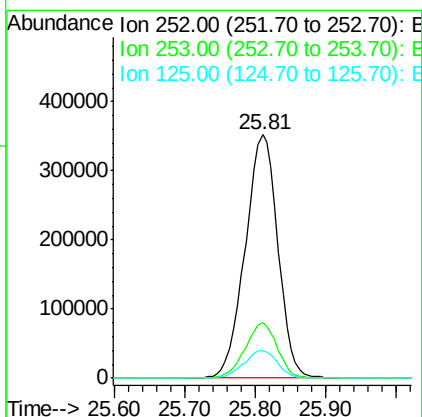
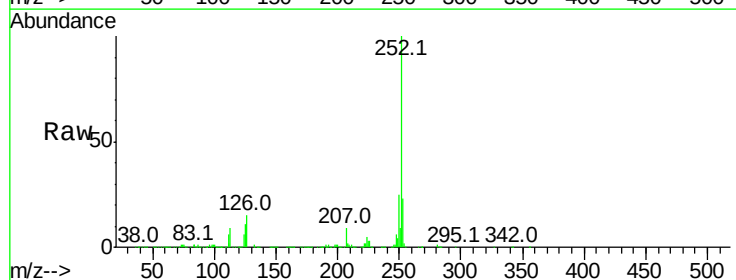
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MSD

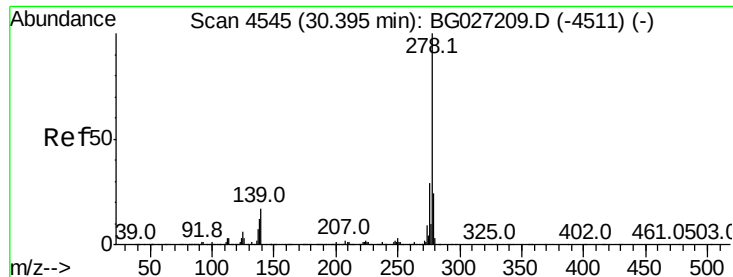
Tot Ion:252 Resp: 1143318
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 10.0 5.1 7.7#



#89
Benzo(a)pyrene
Concen: 47.11 ng
RT: 25.81 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG027266.D
Acq: 7 Jun 2017 2:02

Tgt Ion:252 Resp: 1136072
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 11.4 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 47.08 ng

RT: 30.33 min Scan# 4534

Delta R.T. -0.07 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217MSD

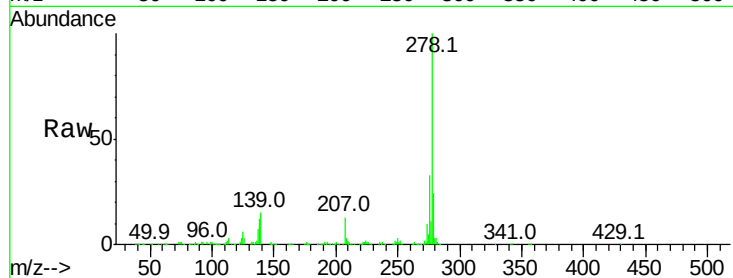
Tot Ion:278 Resp: 1188523

Ion Ratio Lower Upper

278 100

139 15.4 7.7 11.5#

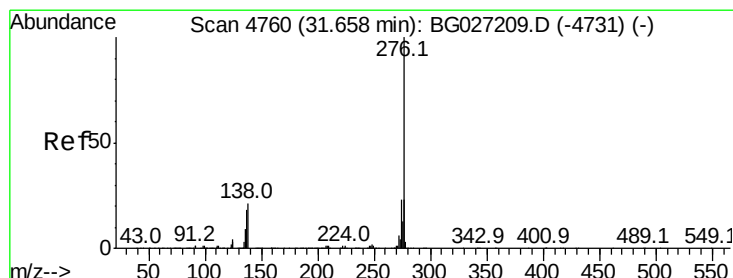
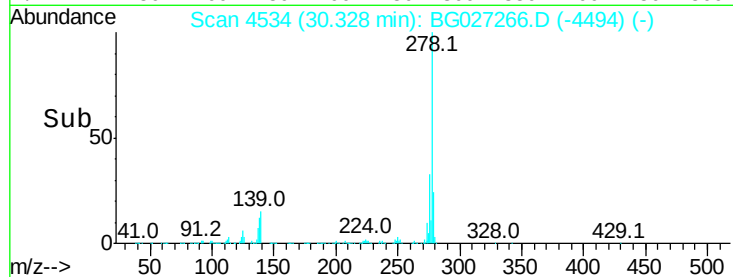
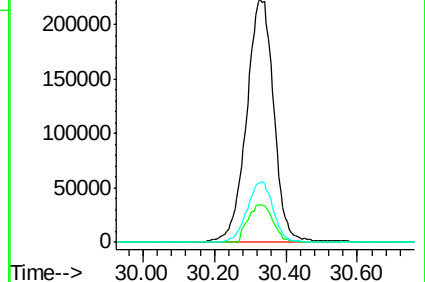
279 24.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 45.73 ng

RT: 31.59 min Scan# 4749

Delta R.T. -0.07 min

Lab File: BG027266.D

Acq: 7 Jun 2017 2:02

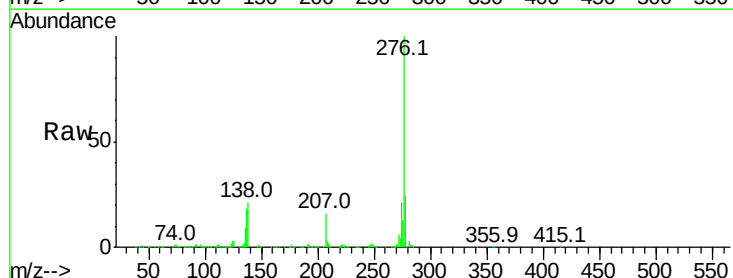
Tgt Ion:276 Resp: 1117973

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 20.9 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

