

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027251.D
 Acq On : 6 Jun 2017 16:14
 Operator : SJ/MA
 Sample : I3437-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Quant Time: Jun 06 18:09:59 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	49542	20.00	ng	-0.02
21) Naphthalene-d8	11.39	136	244021	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	161696	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	379627	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	438442	20.00	ng	-0.02
86) Perylene-d12	25.99	264	411107	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	139180	42.87	ng	-0.01
7) Phenol-d6	7.70	99	486858	102.16	ng	0.00
23) Nitrobenzene-d5	9.73	82	332900	85.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	69954	32.85	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	774915	67.04	ng	-0.02
78) Terphenyl-d14	20.48	244	1183741	68.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.16	88	44841	33.31	ng	# 79
3) Pyridine	4.54	79	132940	32.03	ng	# 75
4) n-Nitrosodimethylamine	4.45	42	60718	39.52	ng	# 50
6) Aniline	7.89	93	133195	22.19	ng	# 93
8) 2-Chlorophenol	8.13	128	112771	32.90	ng	91
9) Benzaldehyde	7.71	77	85081	25.82	ng	82
10) Phenol	7.73	94	215933	44.31	ng	# 76
11) bis(2-Chloroethyl)ether	7.97	93	150210	37.57	ng	84
12) 1,3-Dichlorobenzene	8.60	146	146011	37.76	ng	91
13) 1,4-Dichlorobenzene	8.60	146	146011	36.79	ng	96
14) 1,2-Dichlorobenzene	8.93	146	142240	36.75	ng	91
15) Benzyl Alcohol	8.79	79	150366	44.78	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.07	45	224663	39.27	ng	92
17) 2-Methylphenol	8.98	107	146709	42.59	ng	# 85
18) Hexachloroethane	9.66	117	50444	37.74	ng	88
19) n-Nitroso-di-n-propylamine	9.35	70	128064	38.41	ng	# 86
20) 3+4-Methylphenols	9.30	107	202019	42.33	ng	88
22) Acetophenone	9.38	105	235337	37.71	ng	# 82
24) Nitrobenzene	9.77	77	179709	40.65	ng	# 85
25) Isophorone	10.29	82	352345	38.62	ng	# 96
26) 2-Nitrophenol	10.48	139	40161	25.93	ng	# 74
27) 2,4-Dimethylphenol	10.52	122	153750	39.19	ng	92
28) bis(2-Chloroethoxy)methane	10.76	93	221869	37.56	ng	98
29) 2,4-Dichlorophenol	11.02	162	109878	30.68	ng	98
30) 1,2,4-Trichlorobenzene	11.24	180	145992	36.82	ng	97
31) Naphthalene	11.44	128	486209	36.46	ng	98
32) Benzoic acid	10.52	122	153750	55.21	ng	# 4
33) 4-Chloroaniline	11.53	127	136147	24.50	ng	# 89
34) Hexachlorobutadiene	11.71	225	85838	35.22	ng	96
35) Caprolactam	12.29	113	57313	46.66	ng	# 76
36) 4-Chloro-3-methylphenol	12.61	107	193359	43.08	ng	94
37) 2-Methylnaphthalene	13.22	142	348143	35.79	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	178499	35.44	ng	98
40) Hexachlorocyclopentadiene	13.34	237	201520	75.16	ng	99

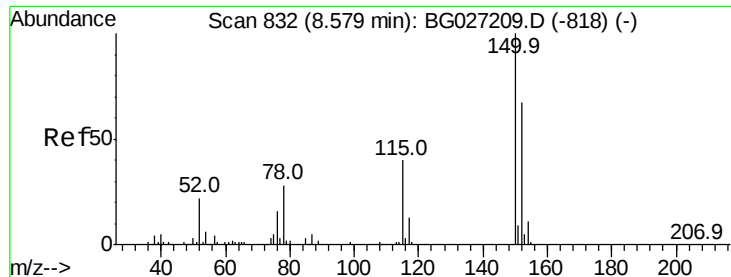
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	34508	11.29	nq	97
43) 2,4,5-Trichlorophenol	13.66	196	69232	20.25	nq	96
45) 1,1'-Biphenyl	13.98	154	481548	36.49	nq	97
46) 2-Chloronaphthalene	14.04	162	365460	36.93	nq	99
47) 2-Nitroaniline	14.23	65	124880	44.89	nq	# 81
48) Acenaphthylene	14.88	152	589666	35.21	nq	98
49) Dimethylphthalate	14.59	163	641883	50.04	nq	97
50) 2,6-Dinitrotoluene	14.71	165	104204	40.93	nq	# 76
51) Acenaphthene	15.21	154	366268	33.62	nq	96
52) 3-Nitroaniline	15.04	138	93933	35.99	nq	89
53) 2,4-Dinitrophenol	15.24	184	174	4.83	nq	# 1
54) Dibenzofuran	15.54	168	593309	38.98	nq	92
55) 4-Nitrophenol	15.32	139	13304	11.20	nq	# 55
56) 2,4-Dinitrotoluene	15.49	165	141559	43.27	nq	# 85
57) Fluorene	16.19	166	479823	35.49	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	16787	5.50	nq	91
59) Diethylphthalate	15.94	149	505209	39.49	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	244493	35.90	nq	96
61) 4-Nitroaniline	16.20	138	117340	43.11	nq	# 66
62) Azobenzene	16.47	77	501099	42.26	nq	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	4012	7.73	nq	# 76
65) n-Nitrosodiphenylamine	16.39	169	438718	36.86	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	162078	36.07	nq	98
67) Hexachlorobenzene	17.20	284	172640	35.72	nq	# 90
68) Atrazine	17.33	200	163482	41.08	nq	97
69) Pentachlorophenol	17.53	266	23062	8.14	nq	95
70) Phenanthrene	17.94	178	780962	36.56	nq	95
71) Anthracene	18.03	178	793305	37.07	nq	98
72) Carbazole	18.30	167	715439	35.45	nq	94
73) Di-n-butylphthalate	18.83	149	842654	43.06	nq	# 94
74) Fluoranthene	19.93	202	889056	38.96	nq	94
76) Benzidine	20.10	184	421085	31.88	nq	96
77) Pyrene	20.29	202	913949	34.50	nq	97
79) Butylbenzylphthalate	21.18	149	383128	40.93	nq	92
80) Benzo(a)anthracene	22.26	228	902880	36.11	nq	96
81) 3,3'-Dichlorobenzidine	22.16	252	222620	22.89	nq	# 97
82) Chrysene	22.34	228	847904	35.32	nq	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	555545	39.27	nq	99
84) Di-n-octyl phthalate	23.52	149	958596	40.92	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1073435	36.92	nq	# 74
87) Benzo(b)fluoranthene	24.80	252	928971	36.44	nq	# 97
88) Benzo(k)fluoranthene	24.88	252	889491	35.56	nq	# 94
89) Benzo(a)pyrene	25.81	252	886074	36.92	nq	# 94
90) Dibenzo(a,h)anthracene	30.33	278	912994	36.34	nq	# 95
91) Benzo(g,h,i)perylene	31.59	276	871364	35.81	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# 829

Delta R.T. -0.02 min

Lab File: BG027251.D

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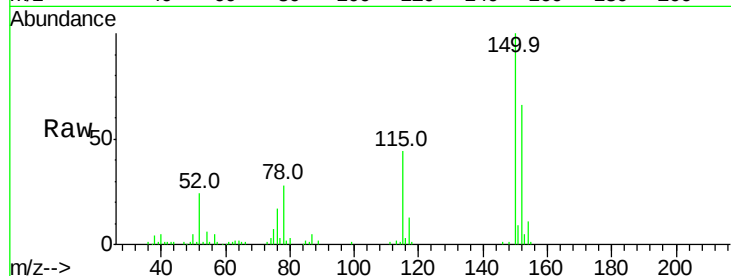
Tot Ion:152 Resp: 49542

Ion Ratio Lower Upper

152 100

150 151.6 114.0 171.0

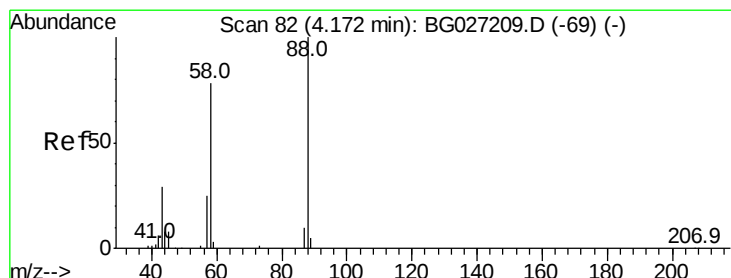
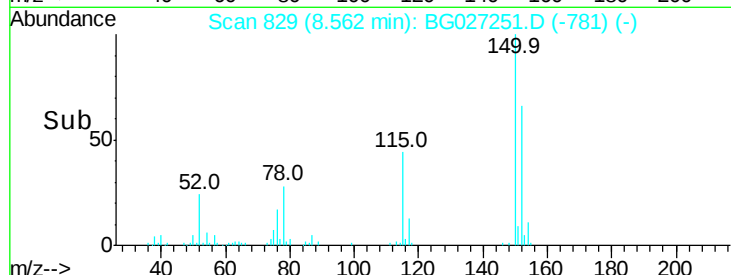
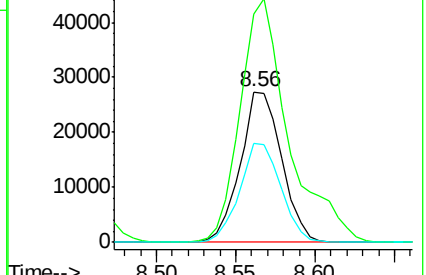
115 66.0 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.31 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

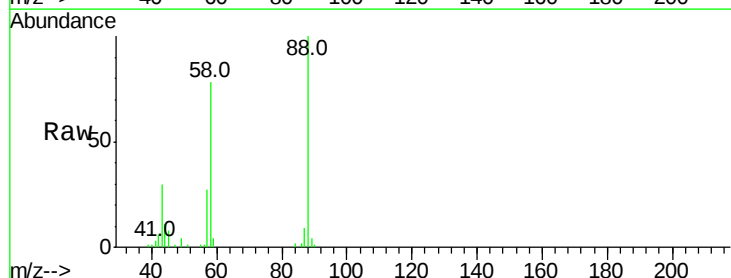
Tgt Ion: 88 Resp: 44841

Ion Ratio Lower Upper

88 100

58 79.6 79.4 119.2

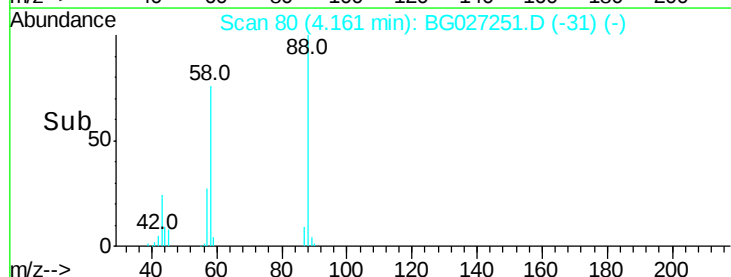
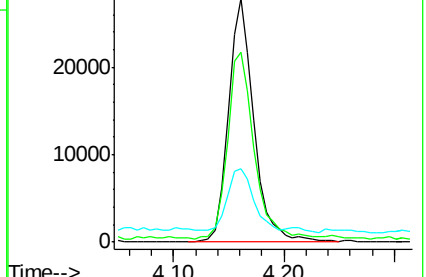
43 26.2 33.8 50.6#

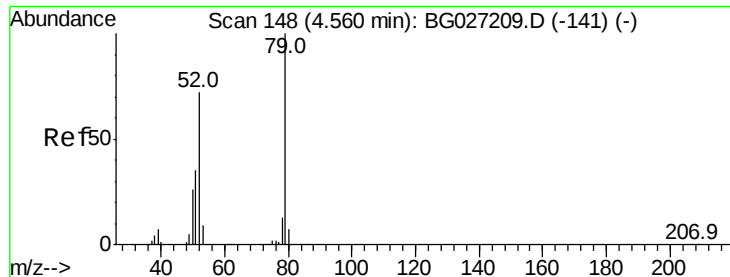


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.03 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

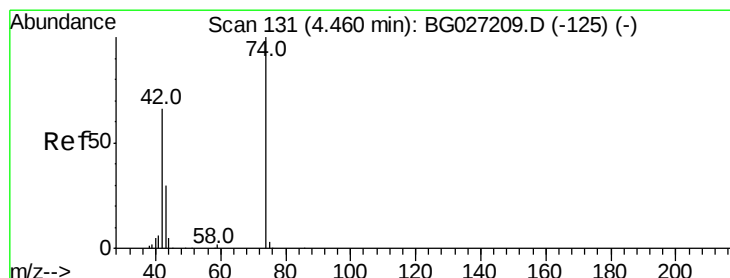
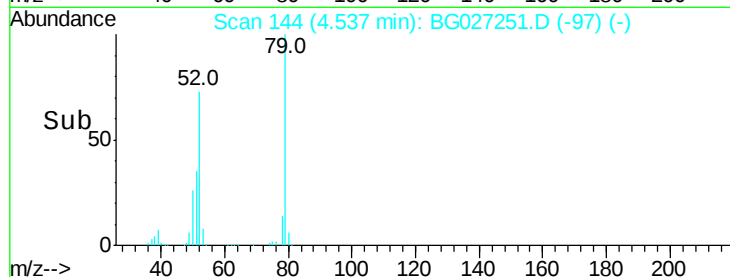
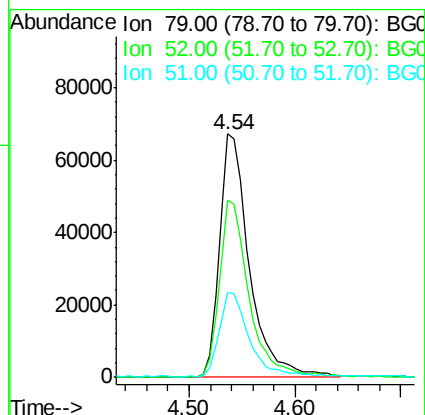
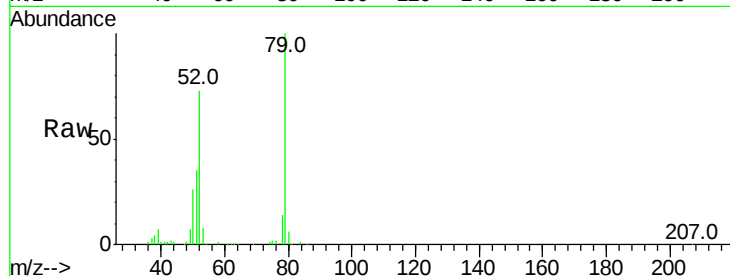
Tot Ion: 79 Resp: 132940

Ion Ratio Lower Upper

79 100

52 72.7 77.8 116.6#

51 35.0 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 39.52 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

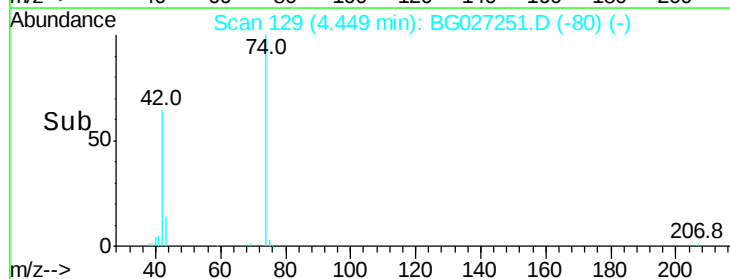
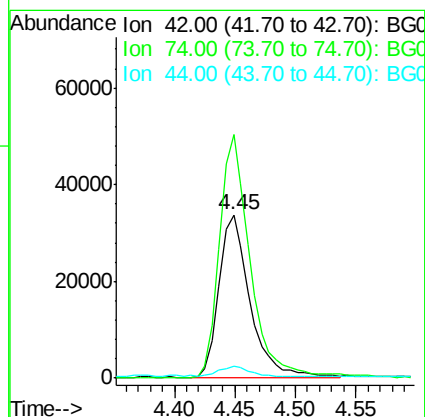
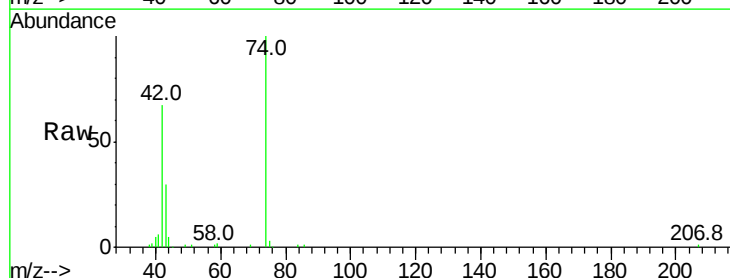
Tgt Ion: 42 Resp: 60718

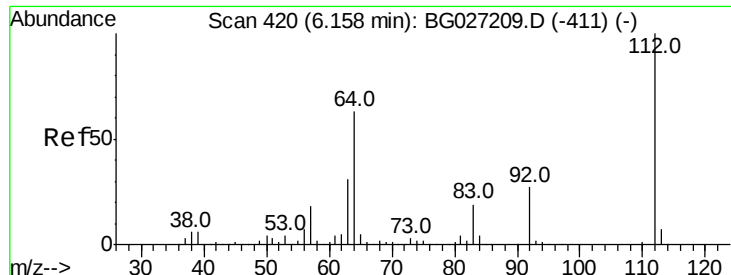
Ion Ratio Lower Upper

42 100

74 149.0 76.7 115.1#

44 7.3 6.1 9.1





#5

2-Fluorophenol

Concen: 42.87 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

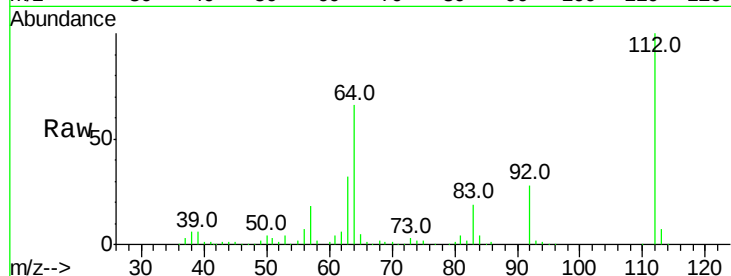
Tot Ion:112 Resp: 139180

Ion Ratio Lower Upper

112 100

64 65.8 61.8 92.6

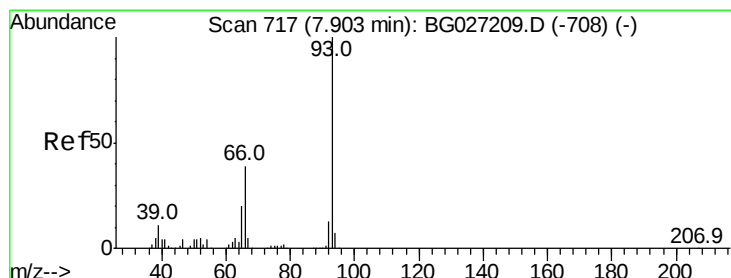
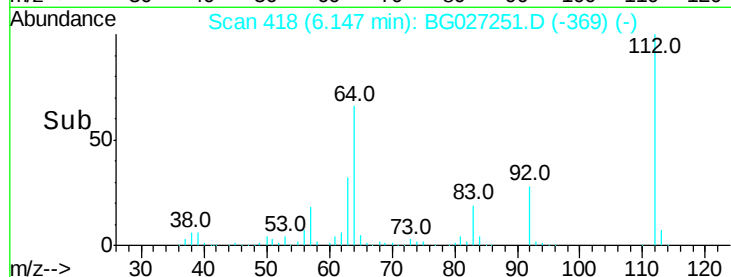
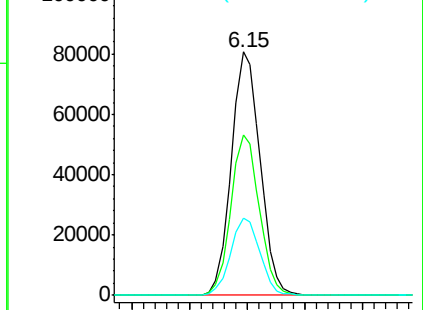
63 31.7 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.19 ng

RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

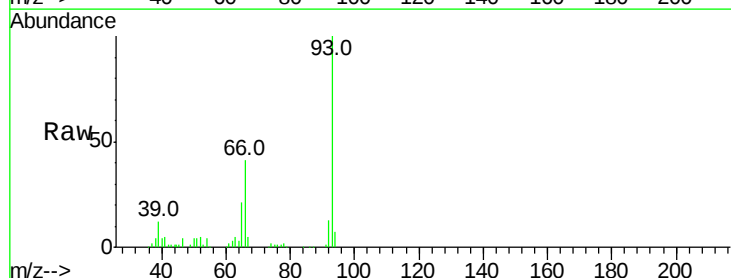
Tgt Ion: 93 Resp: 133195

Ion Ratio Lower Upper

93 100

66 41.2 35.4 53.2

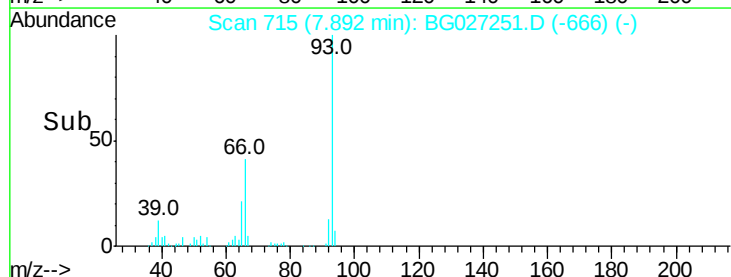
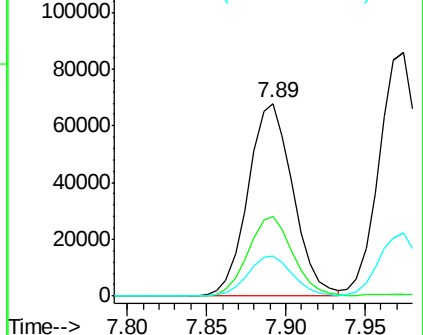
65 20.6 21.2 31.8#

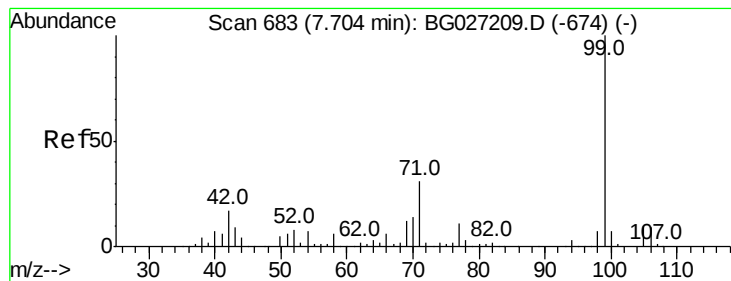


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.16 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

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ClientSampleId :

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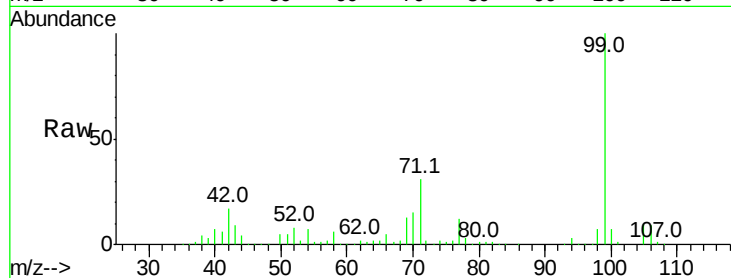
Tot Ion: 99 Resp: 486858

Ion Ratio Lower Upper

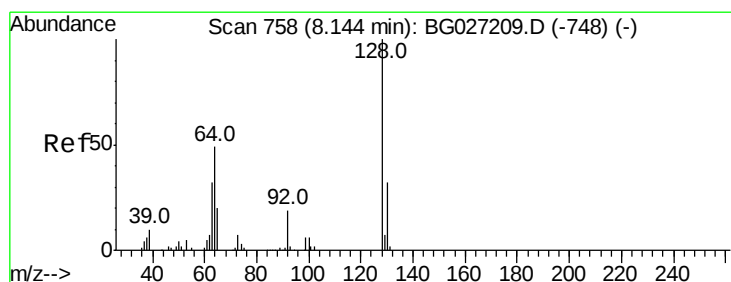
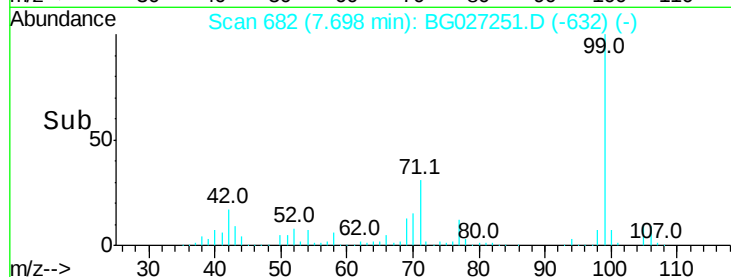
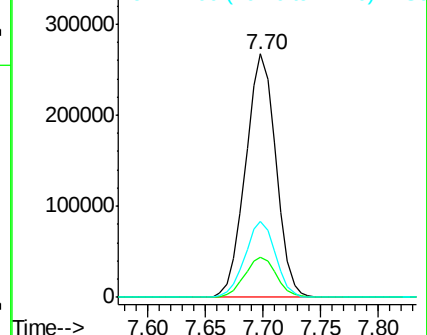
99 100

42 16.7 20.5 30.7#

71 31.0 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: 32.90 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

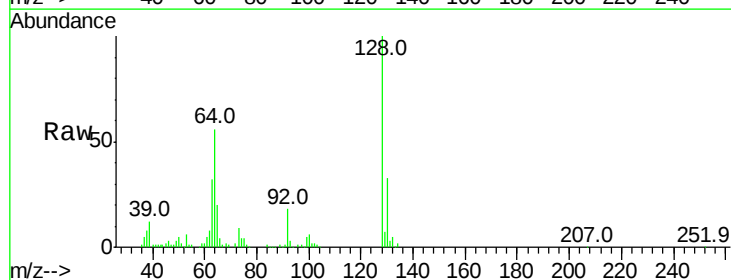
Tgt Ion:128 Resp: 112771

Ion Ratio Lower Upper

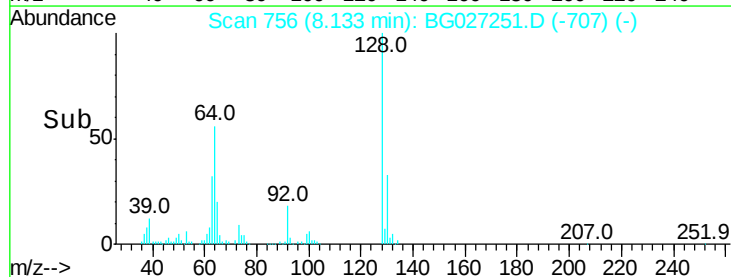
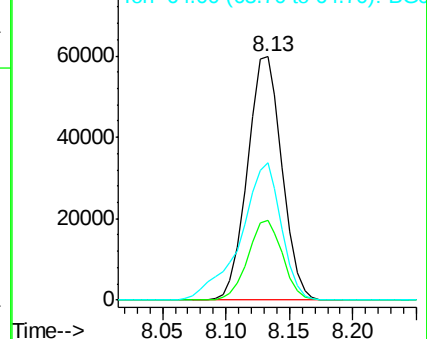
128 100

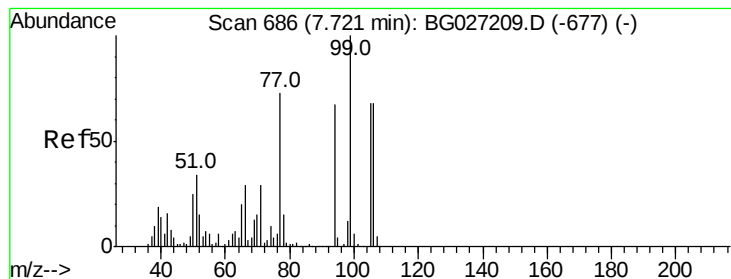
130 32.9 11.4 51.4

64 56.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 25.82 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

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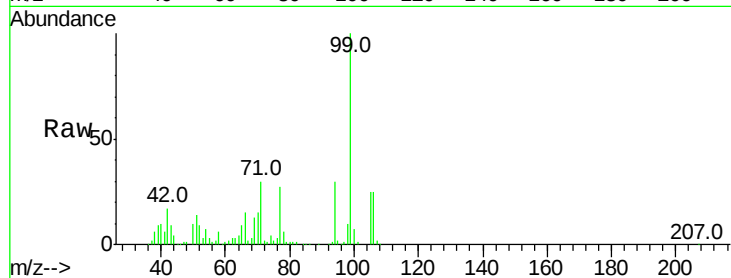
Tot Ion: 77 Resp: 85081

Ion Ratio Lower Upper

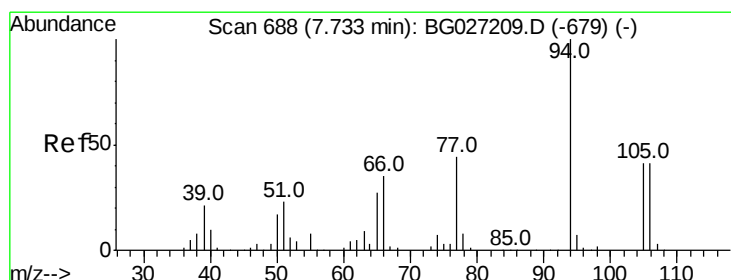
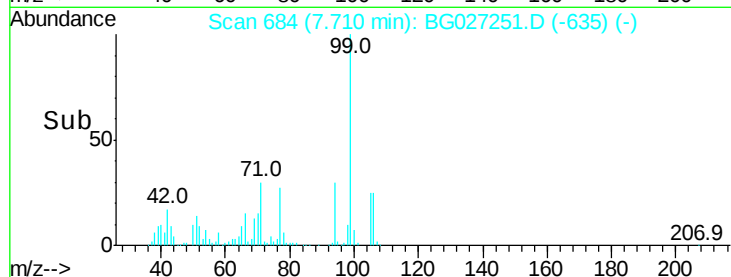
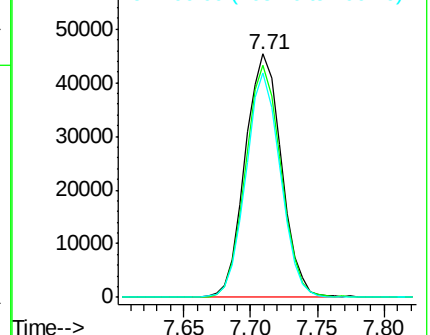
77 100

105 95.3 60.9 100.9

106 92.3 55.1 95.1



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



#10

Phenol

Concen: 44.31 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

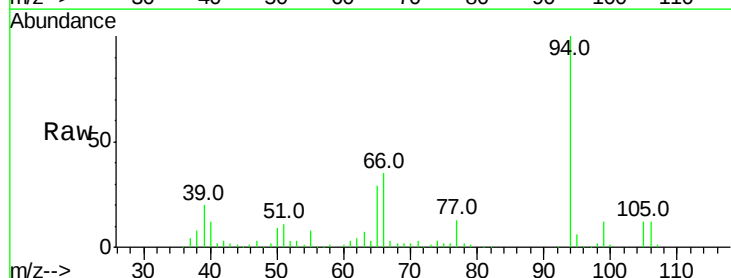
Tgt Ion: 94 Resp: 215933

Ion Ratio Lower Upper

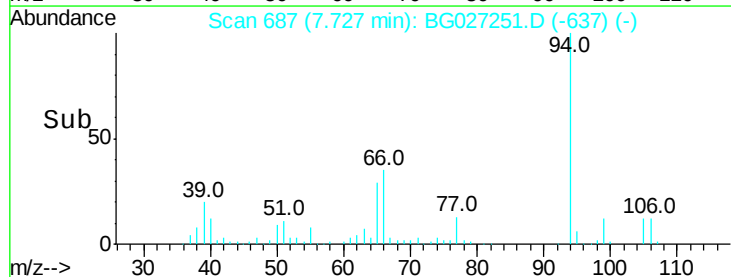
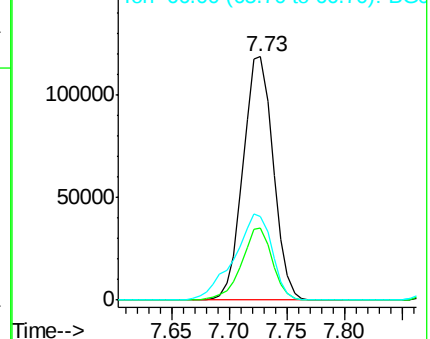
94 100

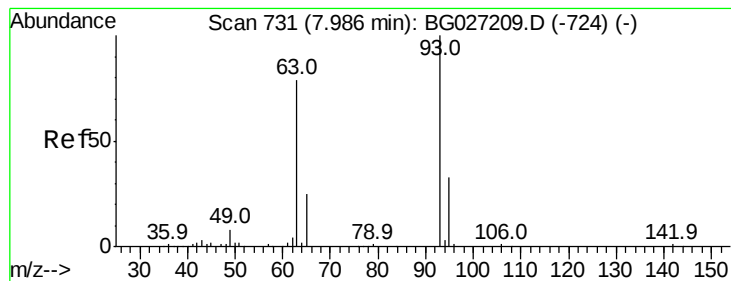
65 29.5 20.6 60.6

66 34.6 35.5 75.5#



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

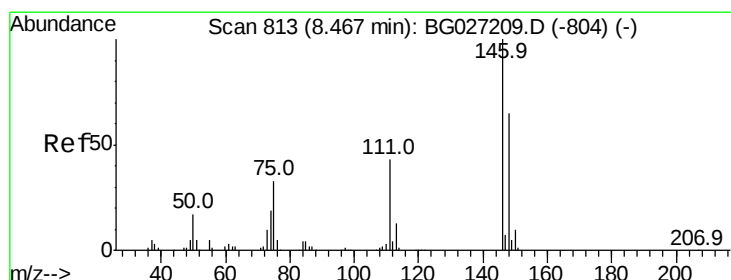
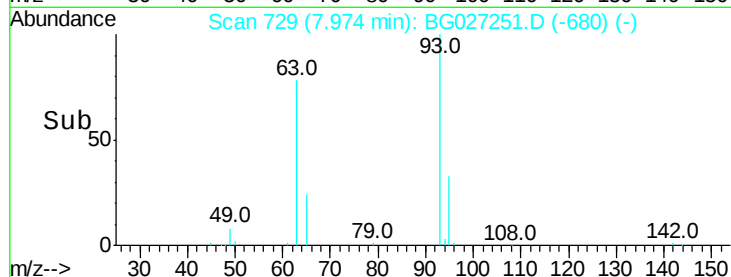
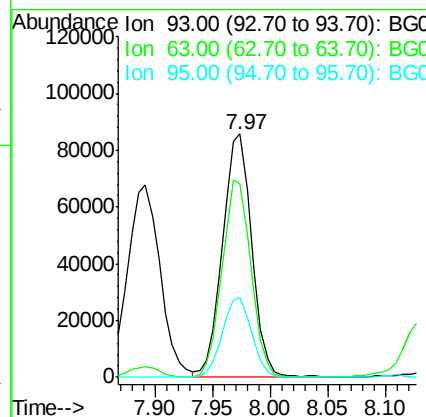
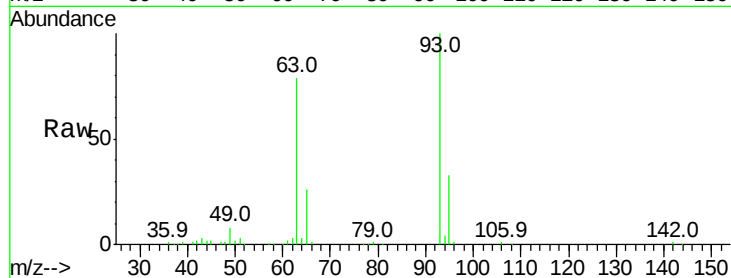




#11
 bis(2-Chloroethyl)ether
 Concen: 37.57 ng
 RT: 7.97 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

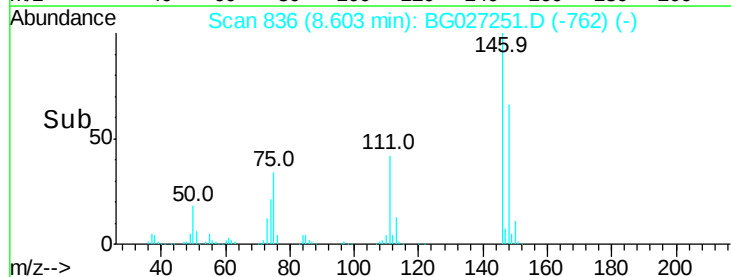
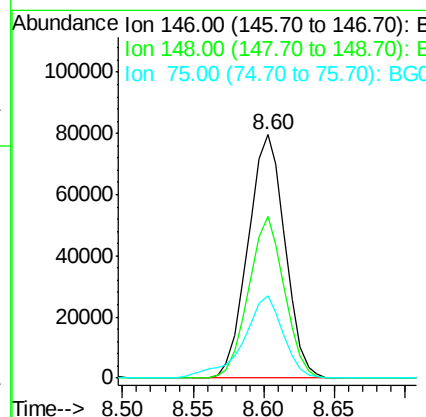
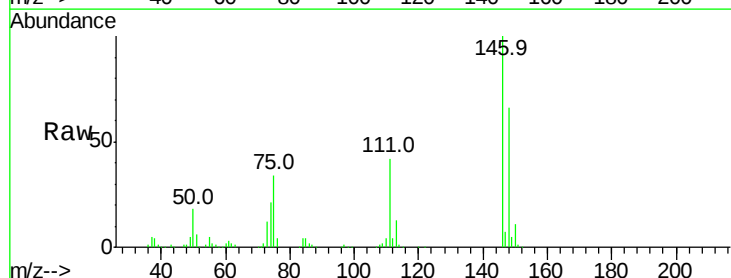
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tot Ion: 93 Resp: 150210
 Ion Ratio Lower Upper
 93 100
 63 79.3 78.5 118.5
 95 32.9 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 37.76 ng
 RT: 8.60 min Scan# 836
 Delta R.T. 0.14 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion: 146 Resp: 146011
 Ion Ratio Lower Upper
 146 100
 148 66.2 49.2 73.8
 75 34.1 33.4 50.2

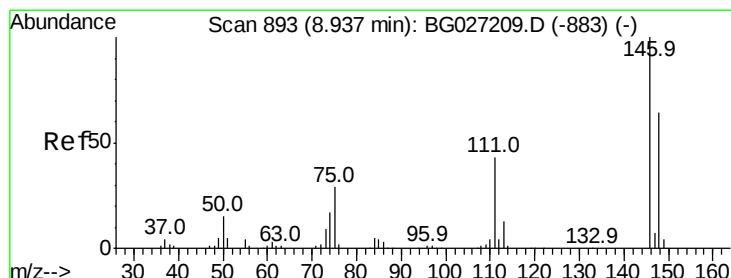
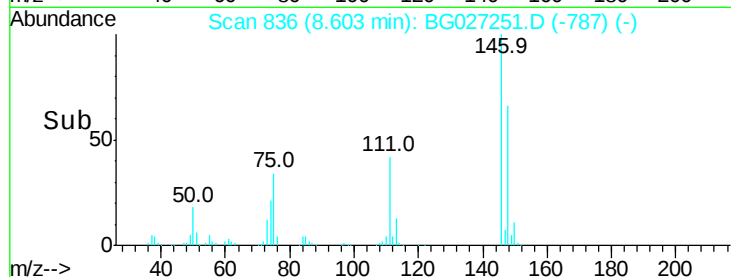
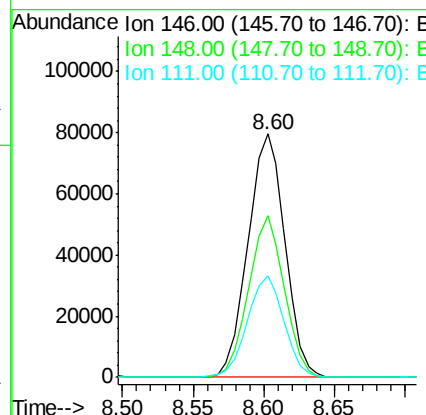
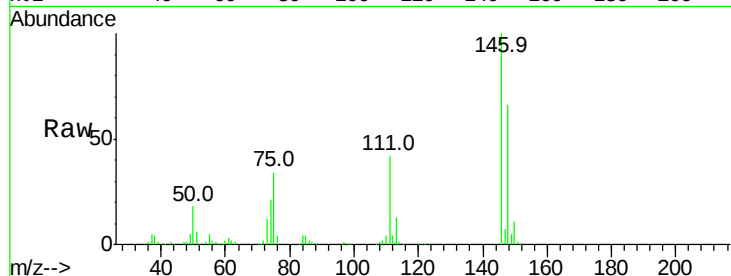




#13
1,4-Dichlorobenzene
Concen: 36.79 ng
RT: 8.60 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

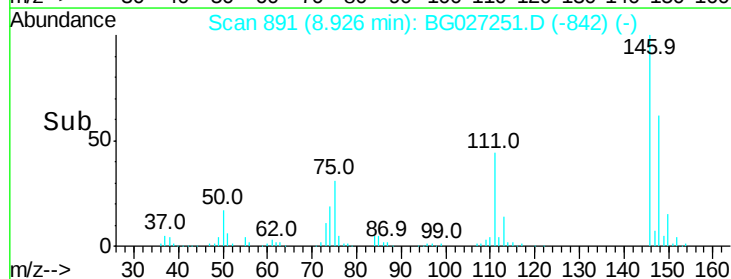
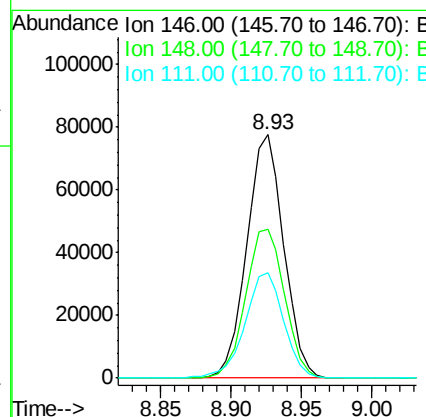
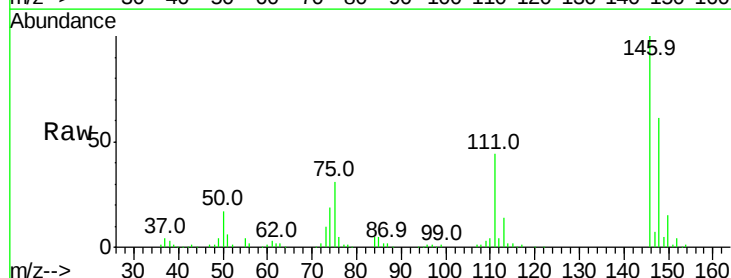
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

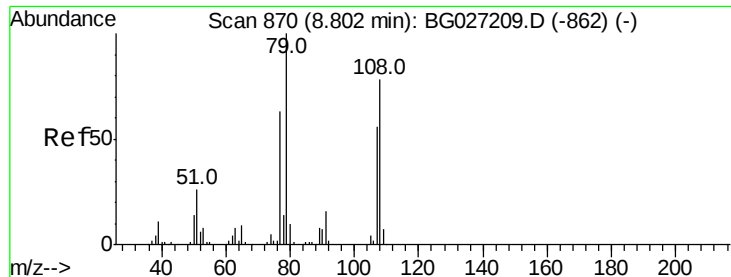
Tot Ion:146 Resp: 146011
Ion Ratio Lower Upper
146 100
148 66.2 52.2 78.2
111 41.6 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 36.75 ng
RT: 8.93 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:146 Resp: 142240
Ion Ratio Lower Upper
146 100
148 61.4 54.6 81.8
111 43.5 39.7 59.5





#15

Benzyl Alcohol

Concen: 44.78 ng

RT: 8.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampled :

COMP-1MSD

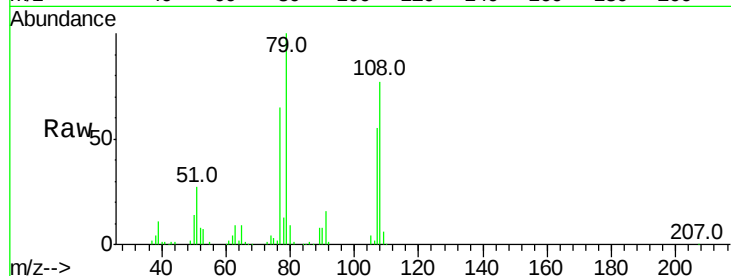
Tot Ion: 79 Resp: 150366

Ion Ratio Lower Upper

79 100

108 77.3 45.5 68.3#

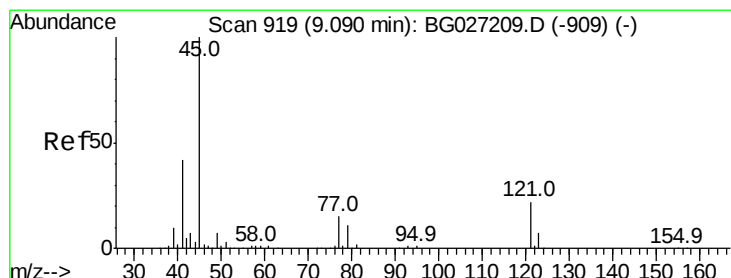
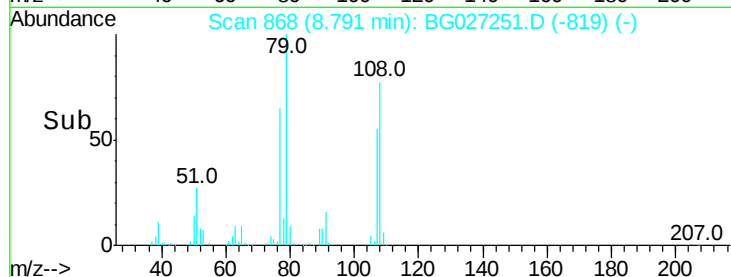
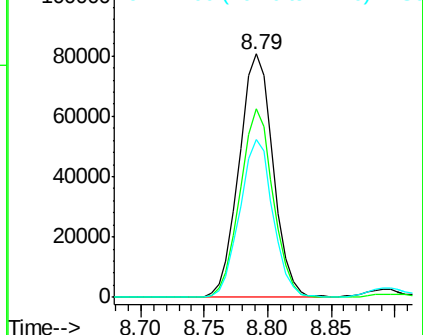
77 64.7 54.3 81.5



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: 39.27 ng

RT: 9.07 min Scan# 916

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

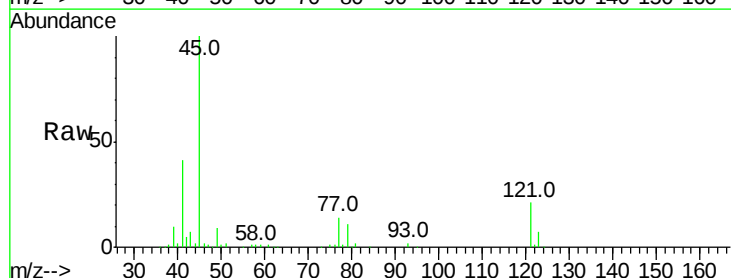
Tgt Ion: 45 Resp: 224663

Ion Ratio Lower Upper

45 100

77 14.1 0.0 30.6

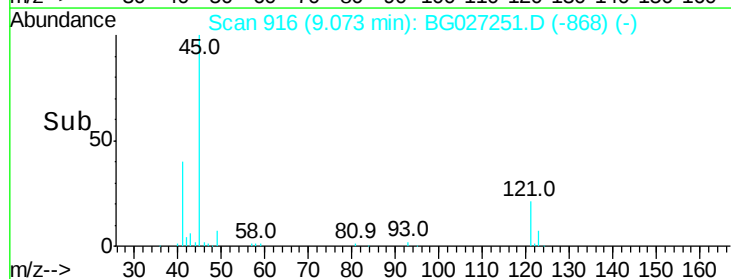
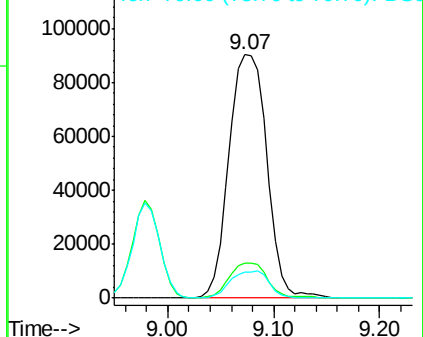
79 10.7 0.0 28.5

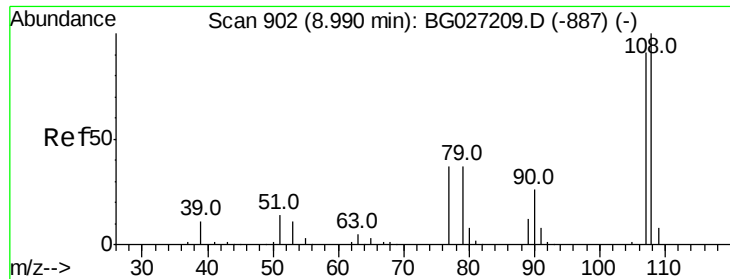


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

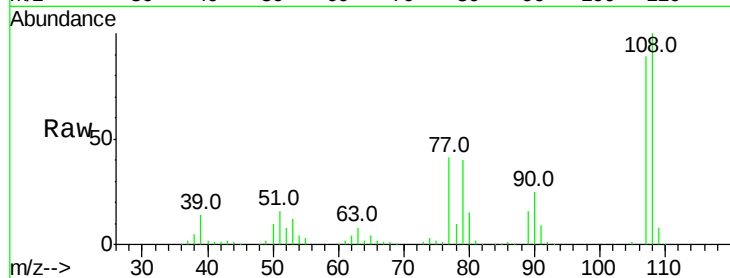




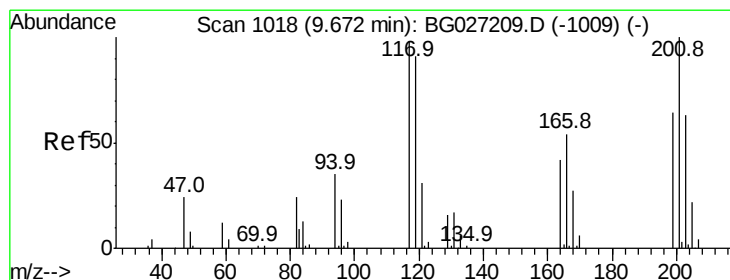
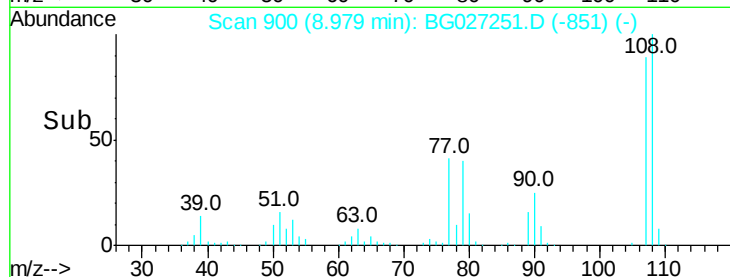
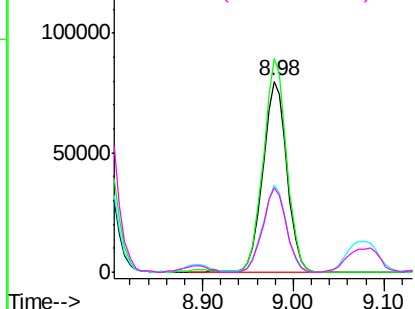
#17
2-Methylphenol
Concen: 42.59 ng
RT: 8.98 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:107 Resp: 146709
Ion Ratio Lower Upper
107 100
108 111.7 85.6 128.4
77 45.3 51.4 77.2#
79 44.3 49.2 73.8#

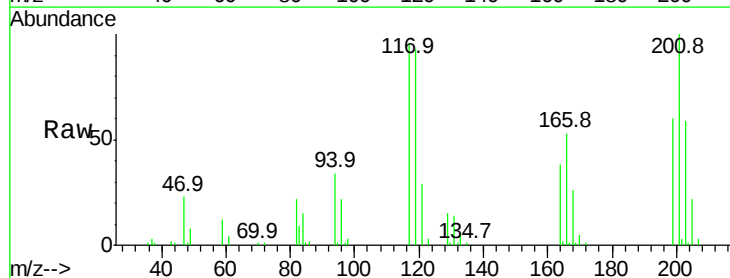


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

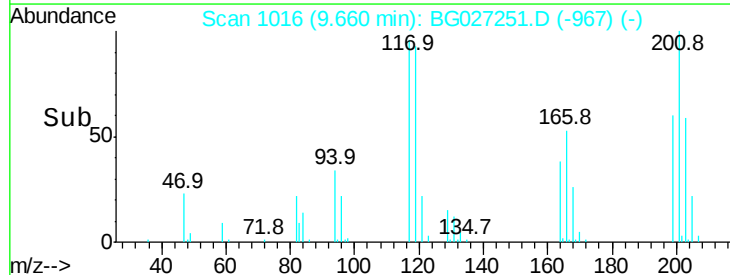
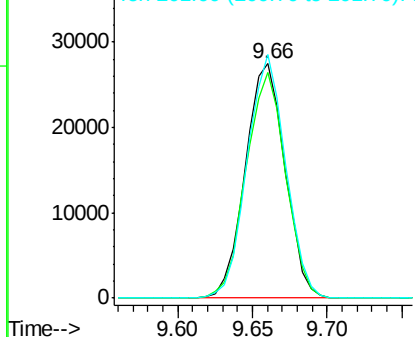


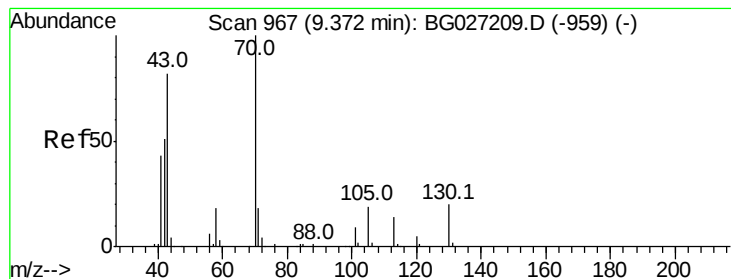
#18
Hexachloroethane
Concen: 37.74 ng
RT: 9.66 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:117 Resp: 50444
Ion Ratio Lower Upper
117 100
119 96.3 69.8 104.6
201 104.0 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: 38.41 ng

RT: 9.35 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

Tot Ion: 70 Resp: 128064

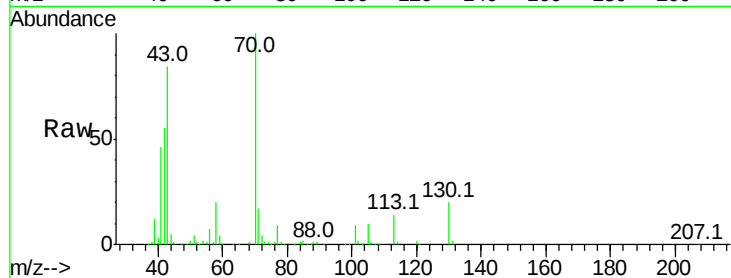
Ion Ratio Lower Upper

70 100

42 54.6 56.1 84.1#

101 9.5 7.5 11.3

130 19.8 14.6 21.8

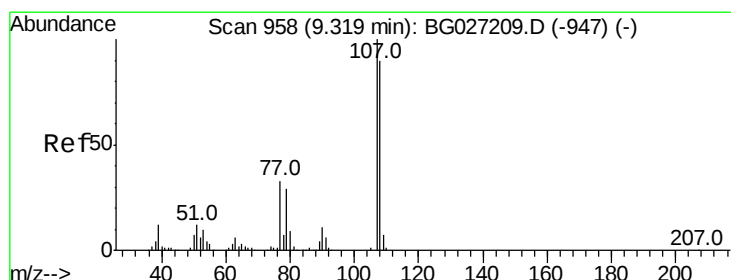
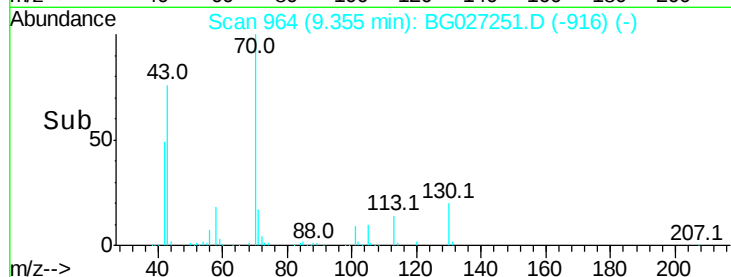
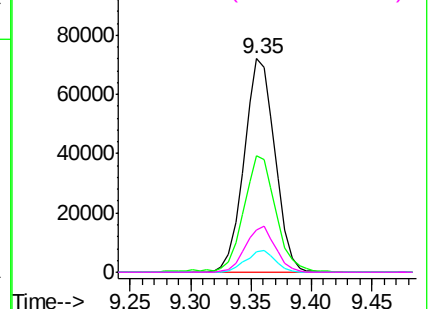


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.33 ng

RT: 9.30 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion: 107 Resp: 202019

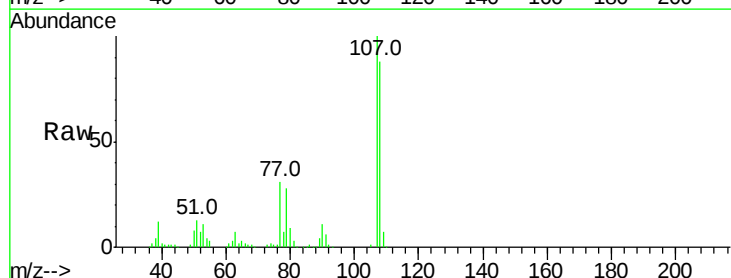
Ion Ratio Lower Upper

107 100

108 88.1 70.8 110.8

77 31.3 25.8 65.8

79 28.2 20.1 60.1

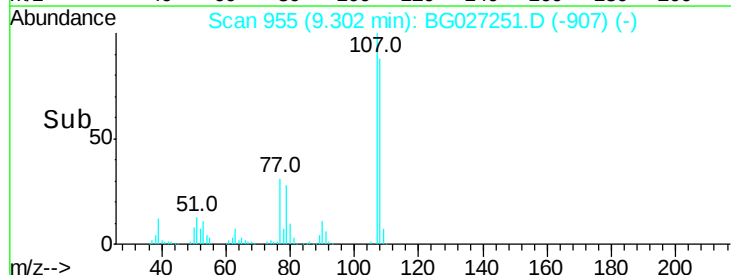
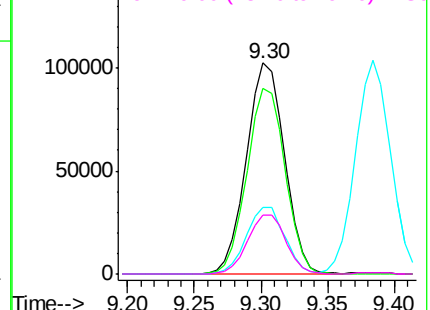


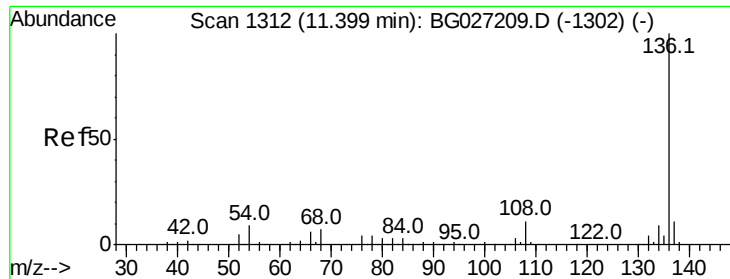
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

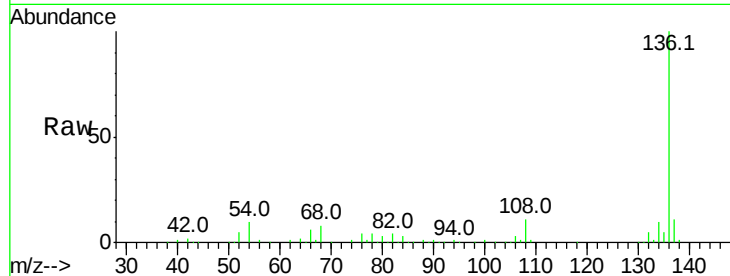




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:	136	Resp:	244021
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	9.3	13.9
68	8.0	5.1	7.7#



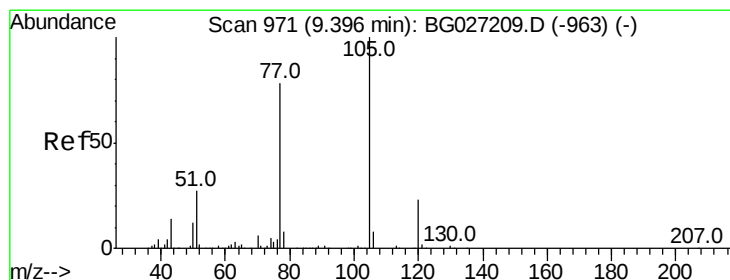
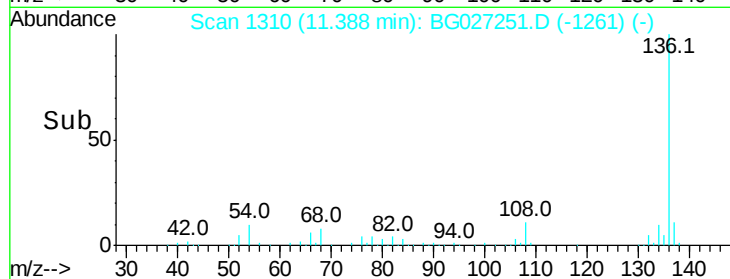
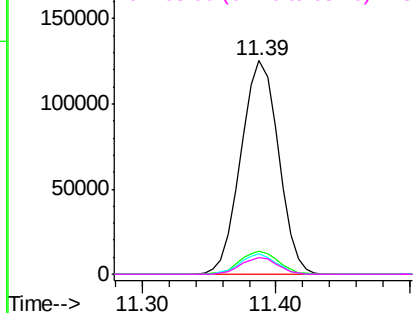
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.71 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:	105	Resp:	235337
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.9	1.3#
51	26.1	34.0	51.0#
120	22.8	17.3	25.9

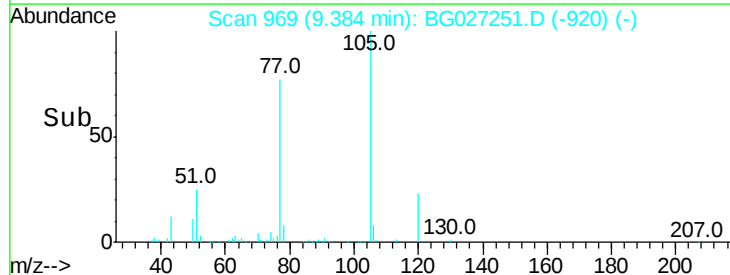
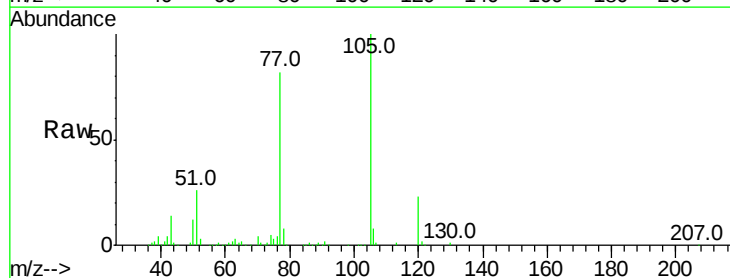
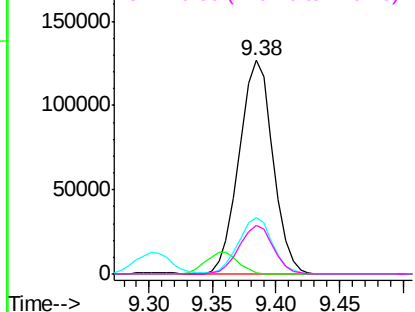
Abundance

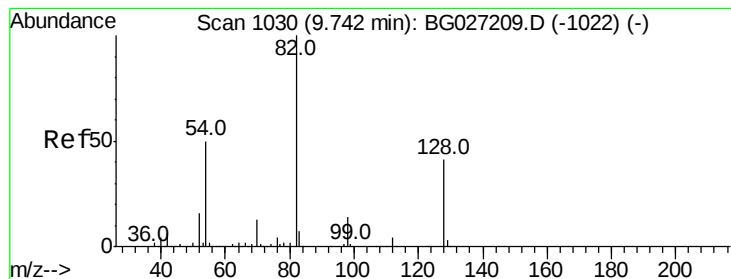
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.80 ng

RT: 9.73 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

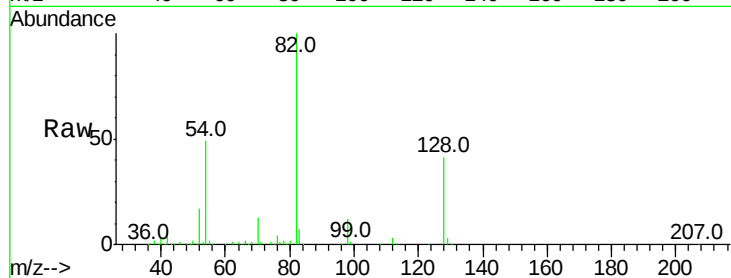
Tot Ion: 82 Resp: 332900

Ion Ratio Lower Upper

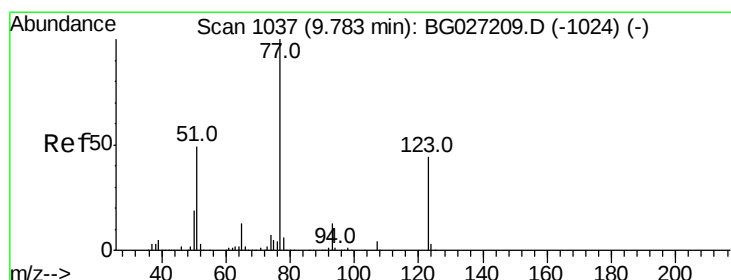
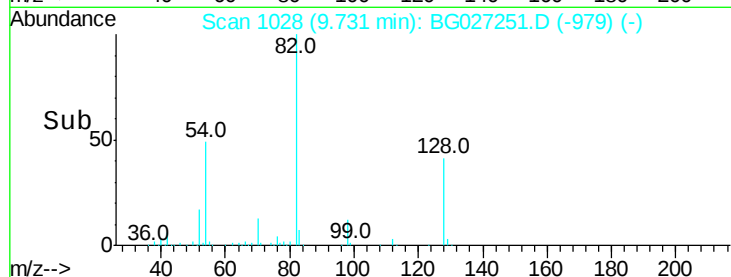
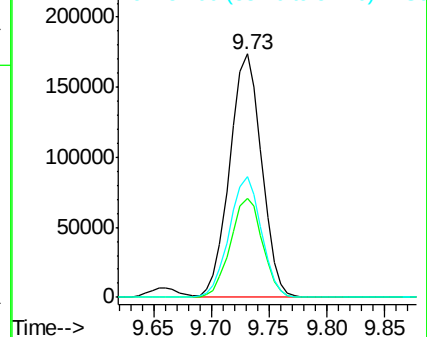
82 100

128 40.6 26.4 39.6#

54 49.4 49.4 74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 40.65 ng

RT: 9.77 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

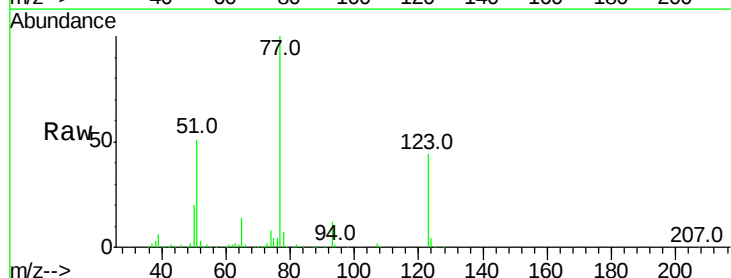
Tgt Ion: 77 Resp: 179709

Ion Ratio Lower Upper

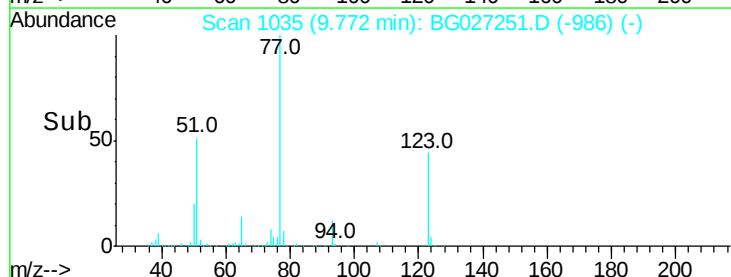
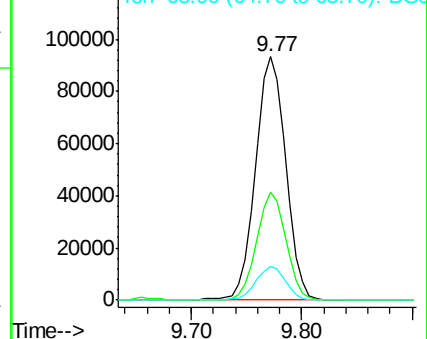
77 100

123 44.2 26.1 39.1#

65 13.7 12.4 18.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.62 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

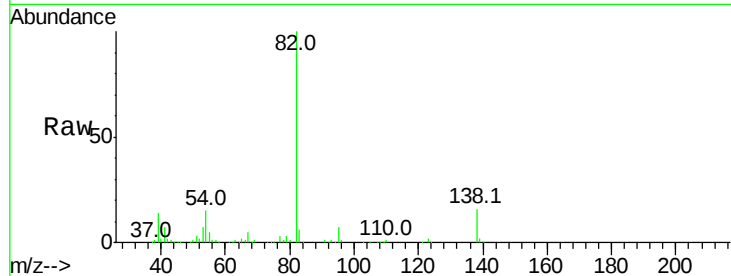
Tot Ion: 82 Resp: 352345

Ion Ratio Lower Upper

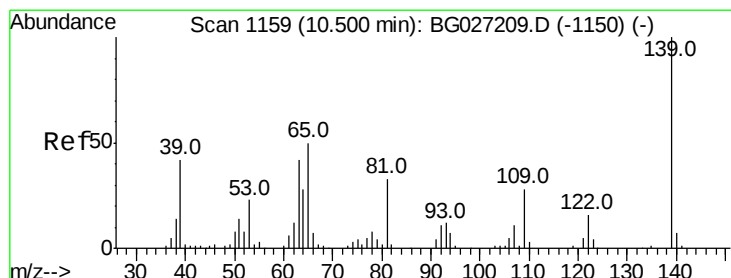
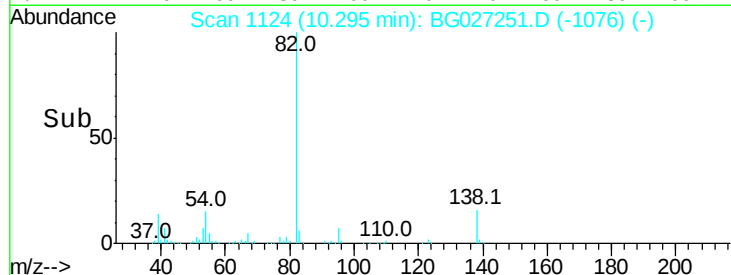
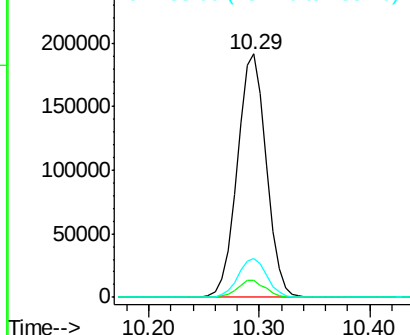
82 100

95 6.9 7.5 11.3#

138 16.1 12.3 18.5



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



#26

2-Nitrophenol

Concen: 25.93 ng

RT: 10.48 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

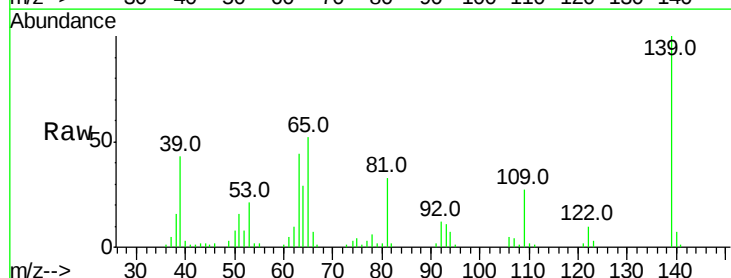
Tgt Ion: 139 Resp: 40161

Ion Ratio Lower Upper

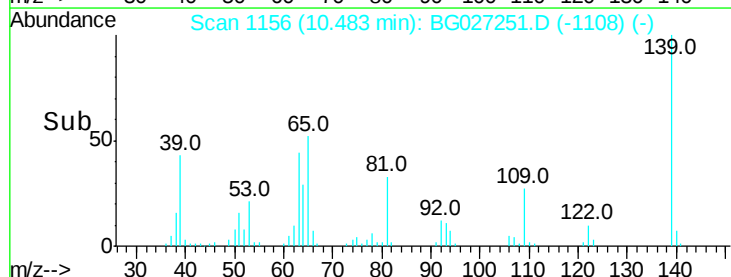
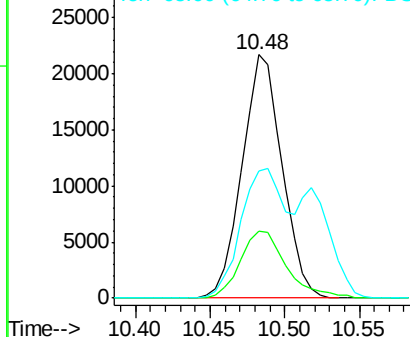
139 100

109 27.3 38.6 58.0#

65 52.2 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

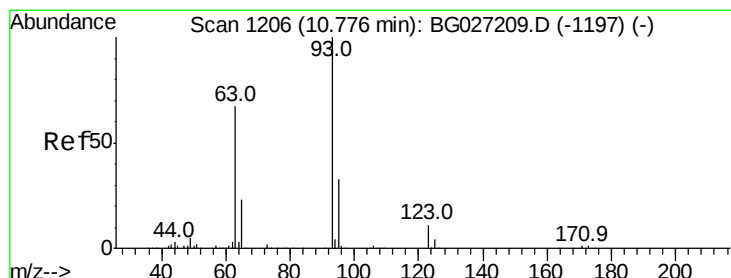
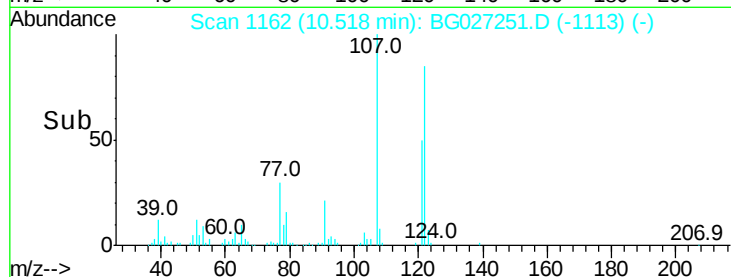
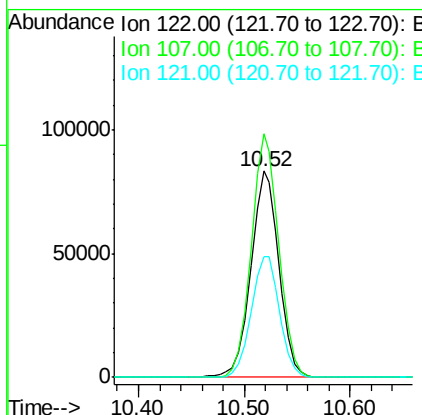
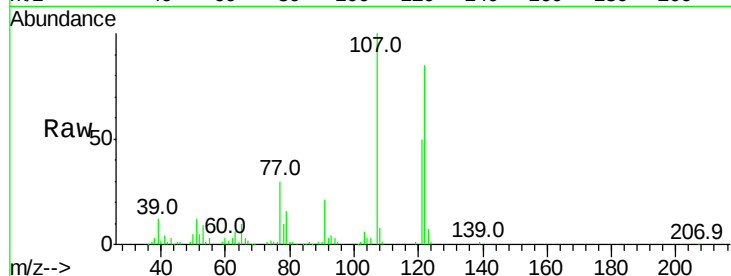




#27
 2,4-Dimethylphenol
 Concen: 39.19 ng
 RT: 10.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

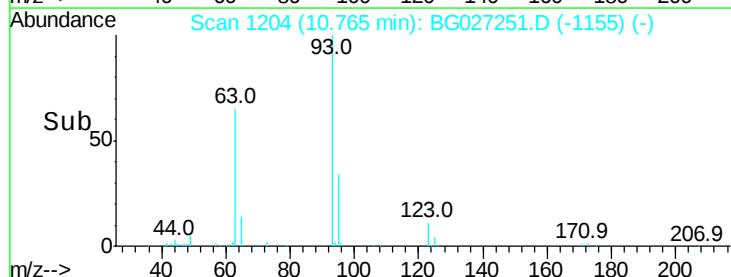
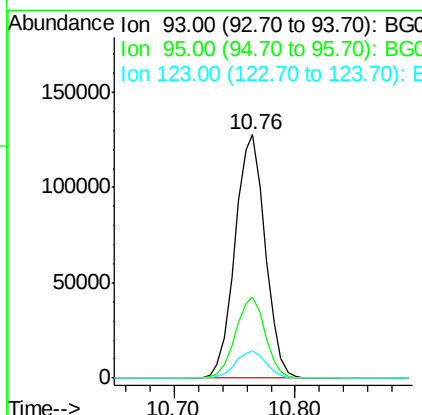
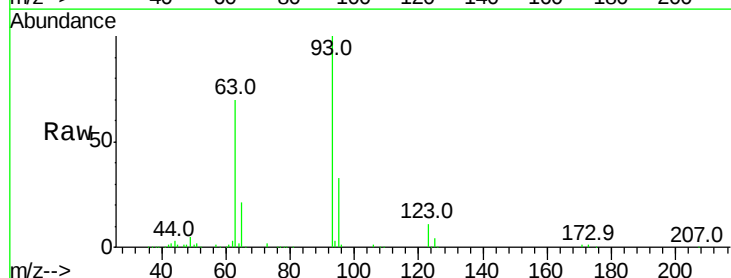
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

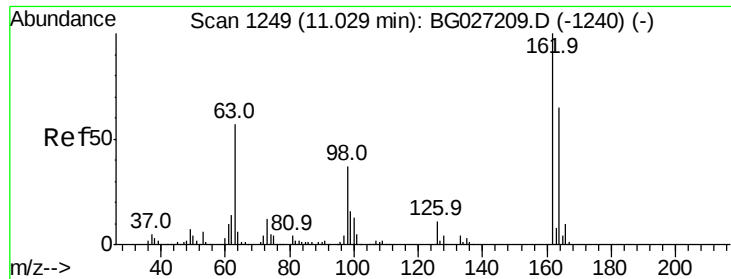
Tot Ion:122 Resp: 153750
 Ion Ratio Lower Upper
 122 100
 107 118.2 104.2 156.4
 121 58.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.56 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion: 93 Resp: 221869
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.7 38.5
 123 11.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 30.68 ng

RT: 11.02 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

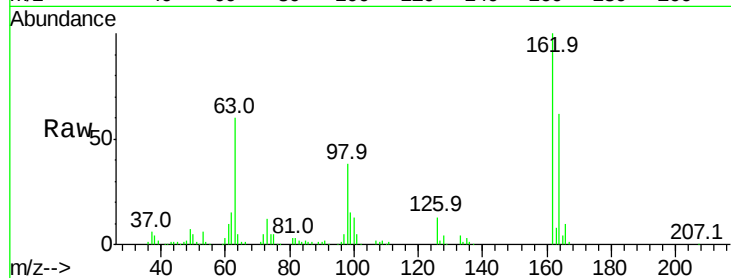
Tot Ion:162 Resp: 109878

Ion Ratio Lower Upper

162 100

164 61.9 42.4 82.4

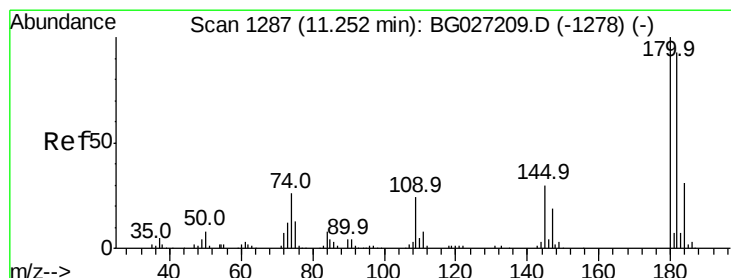
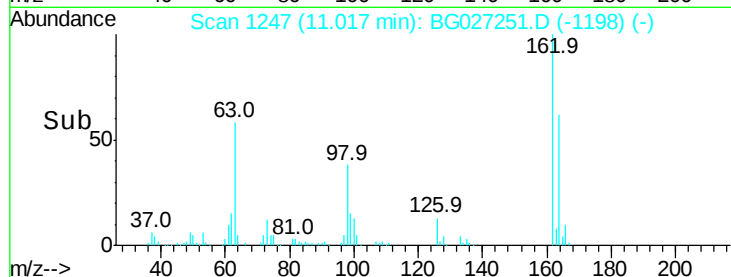
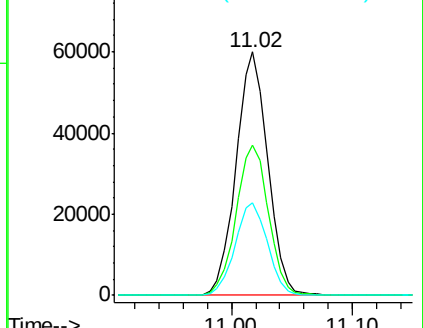
98 38.0 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.82 ng

RT: 11.24 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

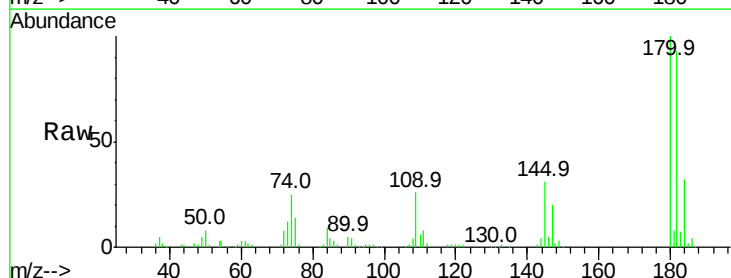
Tgt Ion:180 Resp: 145992

Ion Ratio Lower Upper

180 100

182 93.0 77.0 115.4

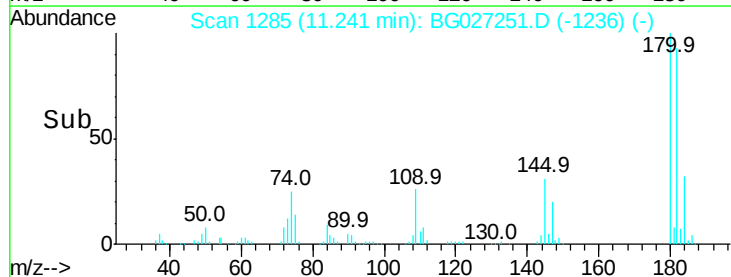
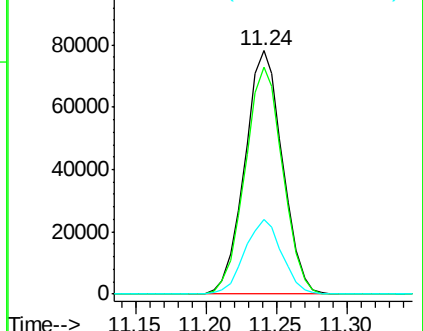
145 30.6 23.4 35.0

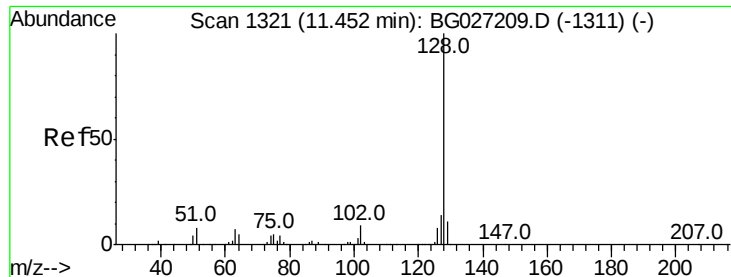


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

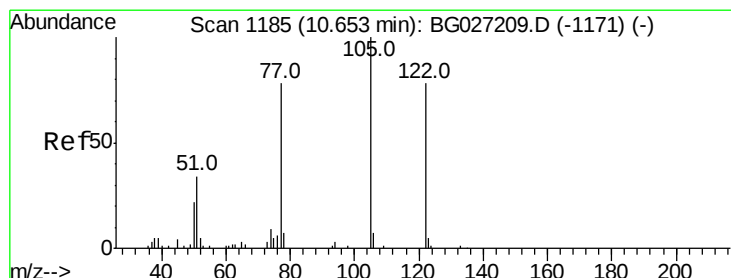
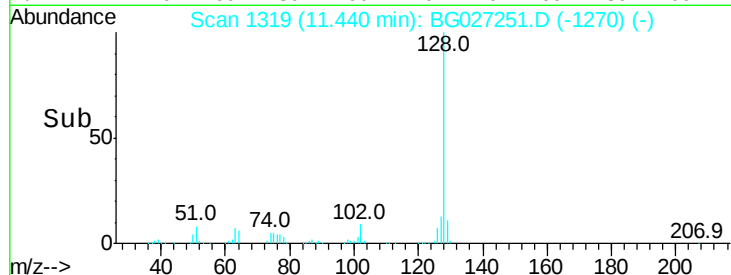
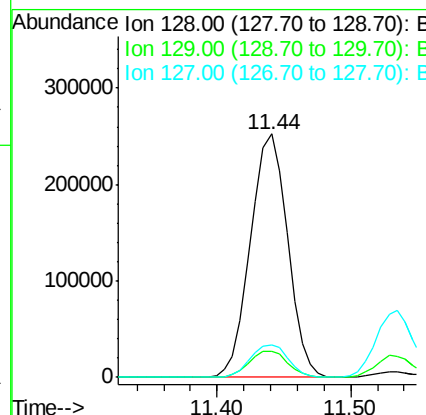
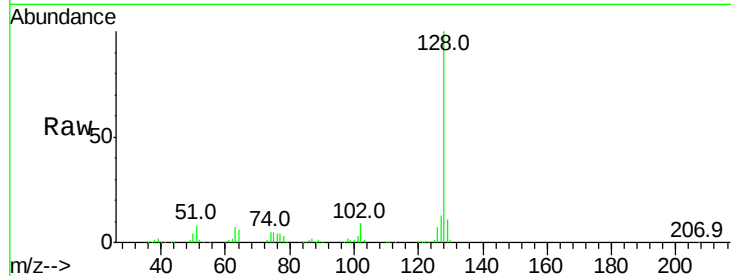




#31
Naphthalene
Concen: 36.46 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

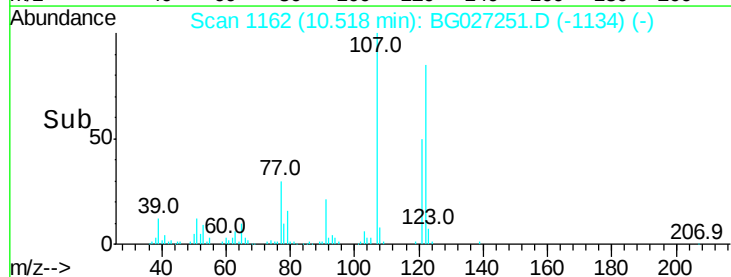
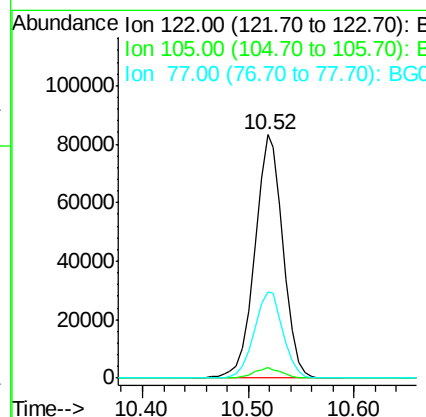
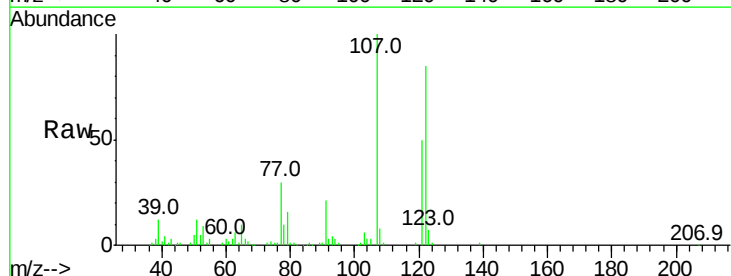
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

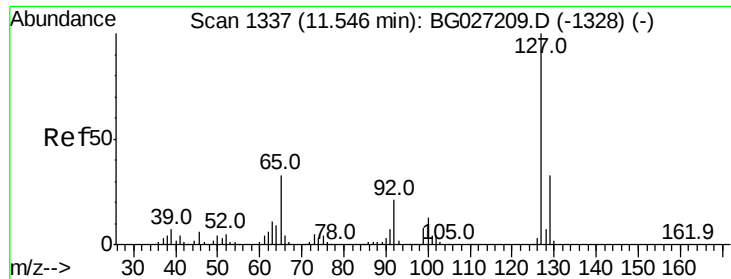
Tot Ion:128 Resp: 486209
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 55.21 ng
RT: 10.52 min Scan# 1162
Delta R.T. -0.13 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:122 Resp: 153750
Ion Ratio Lower Upper
122 100
105 4.1 120.1 160.1#
77 35.4 104.6 144.6#

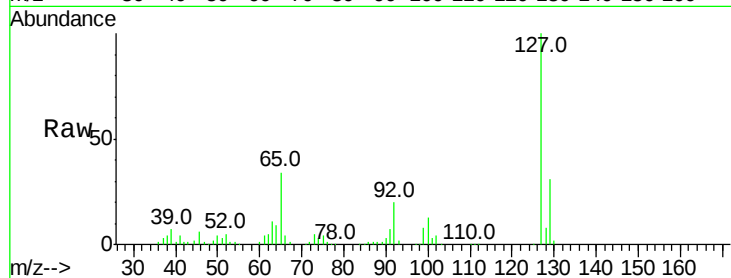




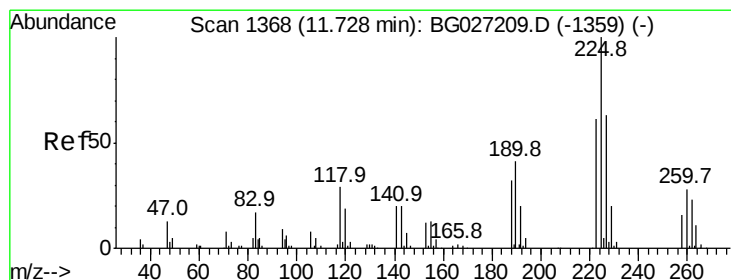
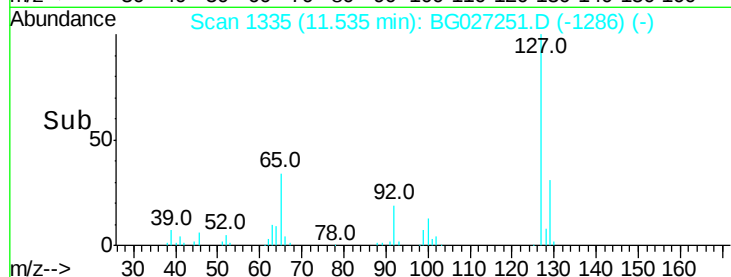
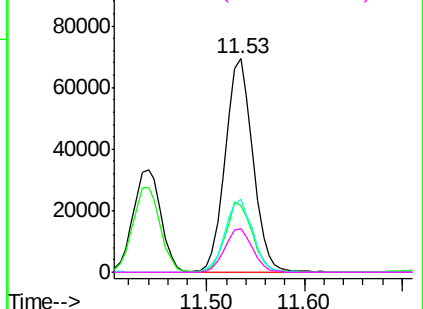
#33
4-Chloroaniline
Concen: 24.50 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:	127	Resp:	136147
Ion	Ratio	Lower	Upper
127	100		
129	31.1	23.6	35.4
65	34.2	37.7	56.5#
92	20.4	17.6	26.4

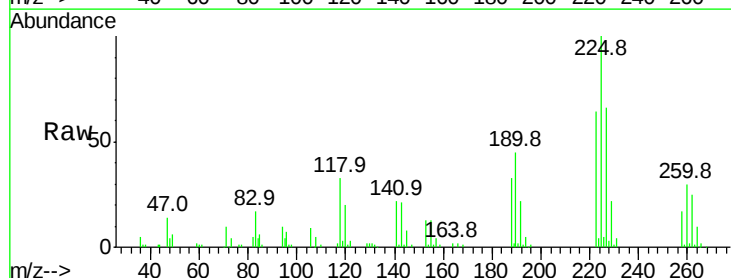


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

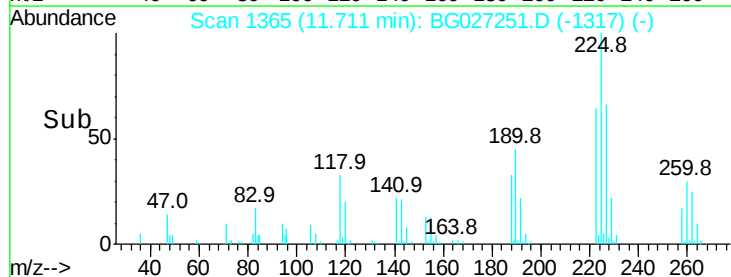
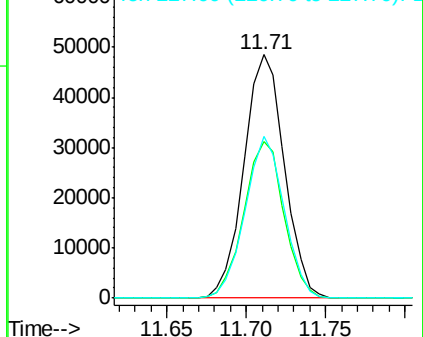


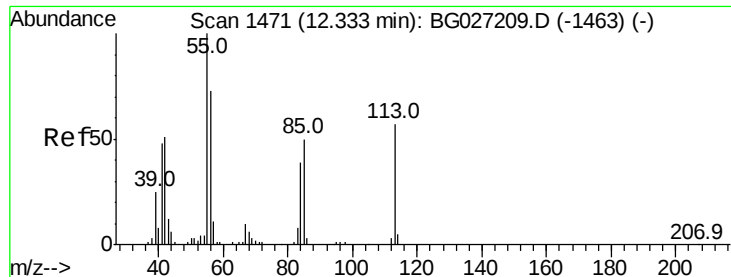
#34
Hexachlorobutadiene
Concen: 35.22 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:	225	Resp:	85838
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.7	76.1
227	66.2	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: 46.66 ng

RT: 12.29 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

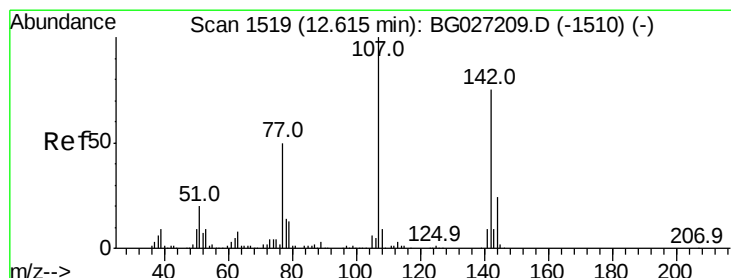
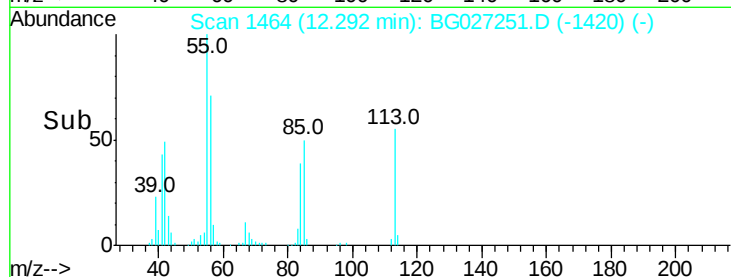
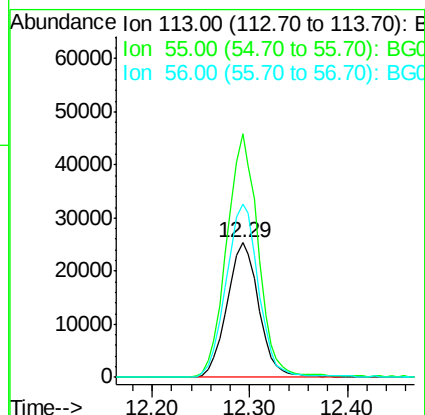
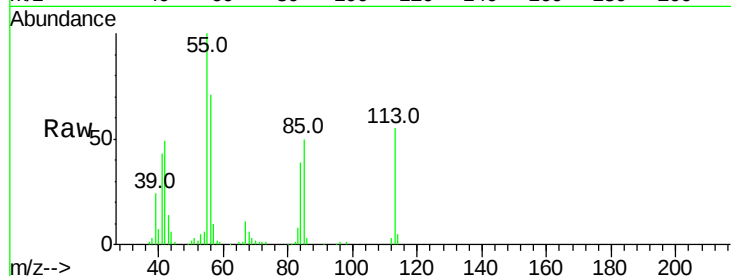
Tot Ion:113 Resp: 57313

Ion Ratio Lower Upper

113 100

55 181.1 198.6 238.6#

56 128.6 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 43.08 ng

RT: 12.61 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

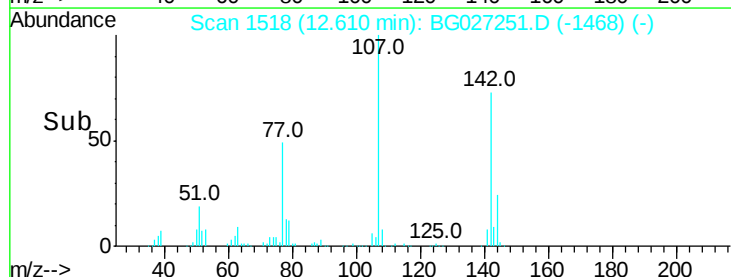
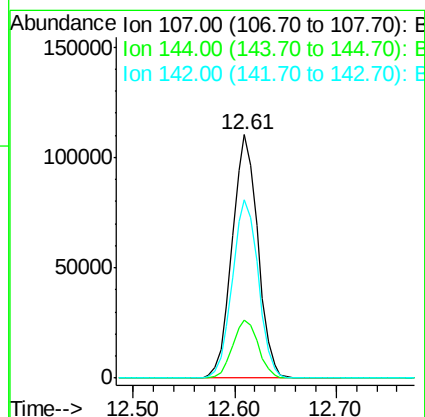
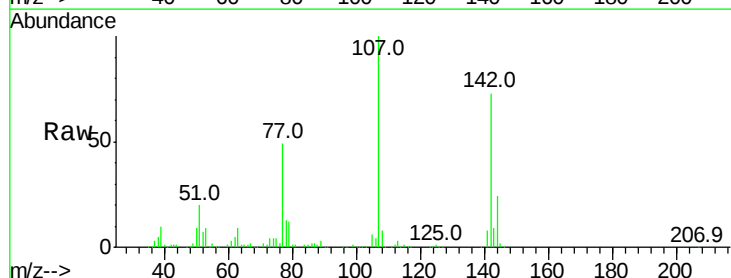
Tgt Ion:107 Resp: 193359

Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

142 73.3 54.1 81.1

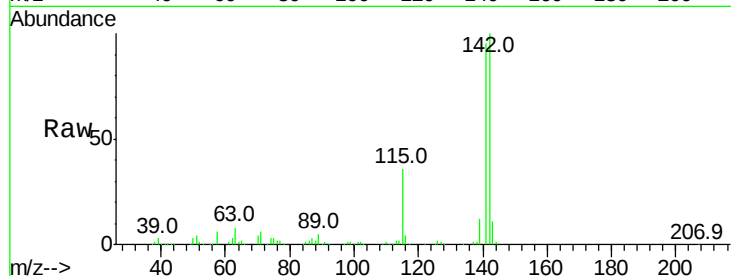




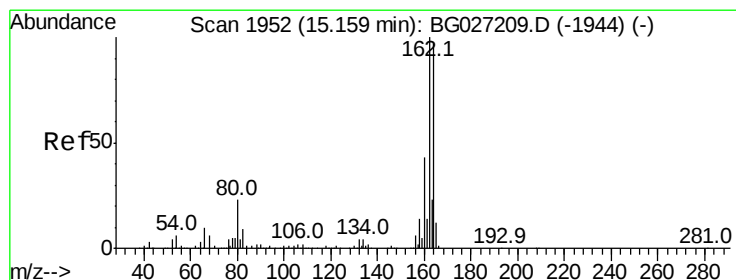
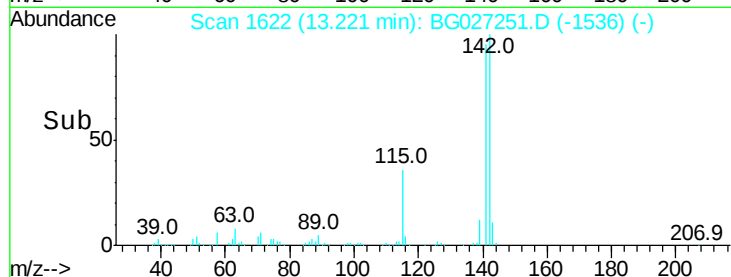
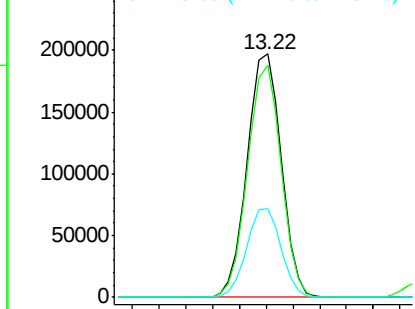
#37
2-Methylnaphthalene
Concen: 35.79 ng
RT: 13.22 min Scan# 1622
Delta R.T. 0.21 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:142 Resp: 348143
Ion Ratio Lower Upper
142 100
141 95.3 70.4 105.6
115 36.5 35.5 53.3

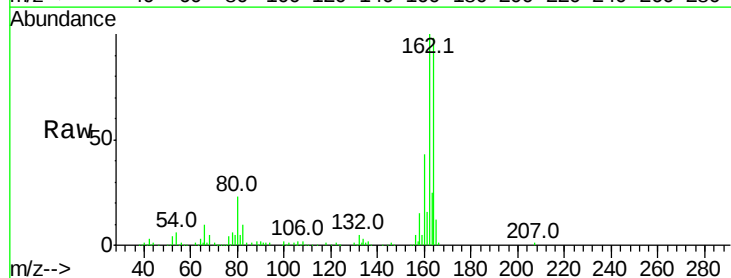


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

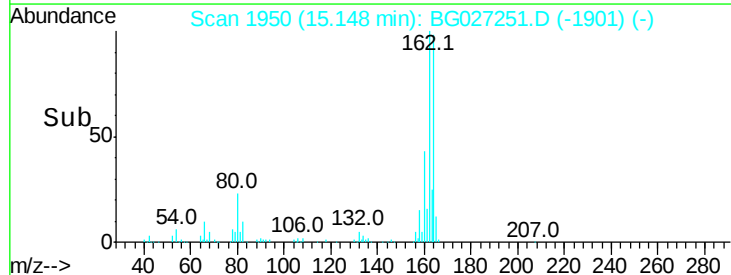
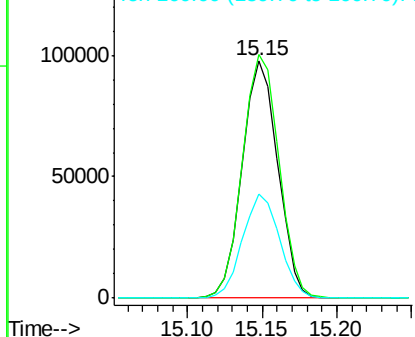


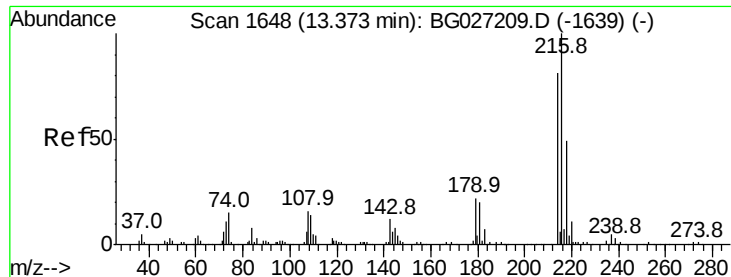
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:164 Resp: 161696
Ion Ratio Lower Upper
164 100
162 102.5 85.1 127.7
160 44.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.44 ng

RT: 13.36 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

Tot Ion:216 Resp: 178499

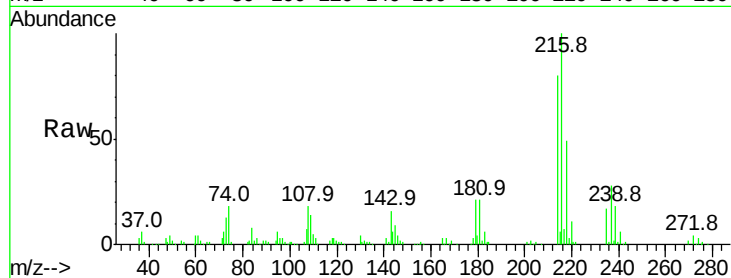
Ion Ratio Lower Upper

216 100

214 78.7 64.4 96.6

179 20.8 17.4 26.0

108 20.6 15.6 23.4

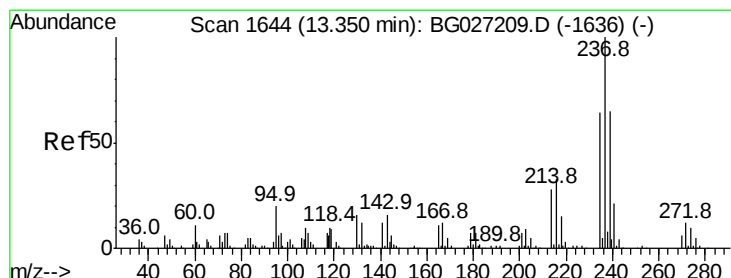
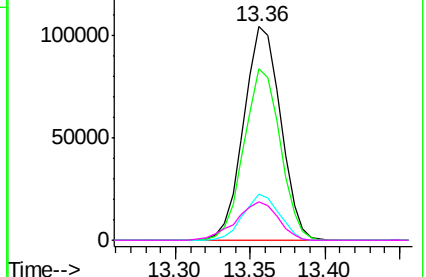
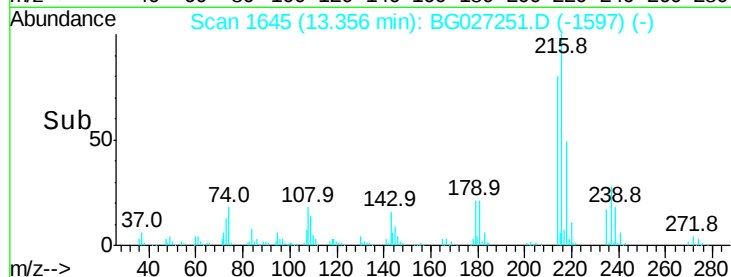


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.16 ng

RT: 13.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

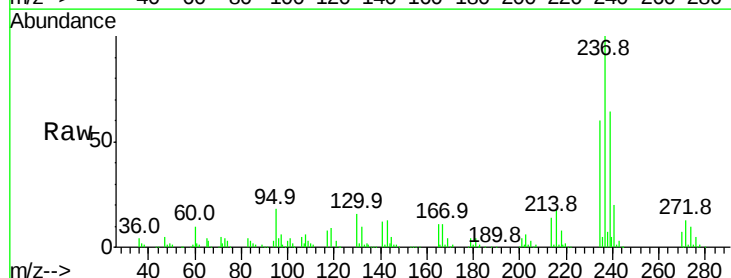
Tgt Ion:237 Resp: 201520

Ion Ratio Lower Upper

237 100

235 60.0 39.4 79.4

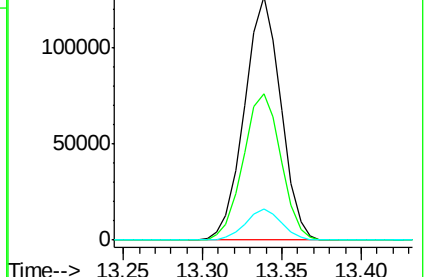
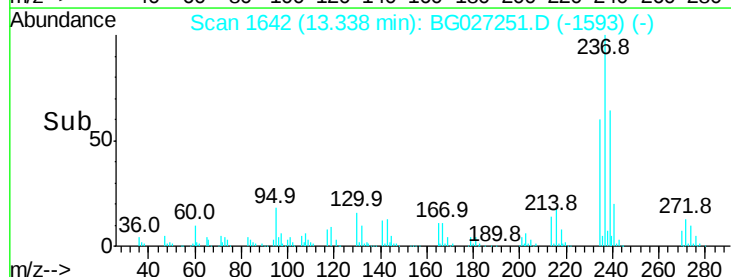
272 12.9 0.0 32.0



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: 32.85 ng

RT: 16.63 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

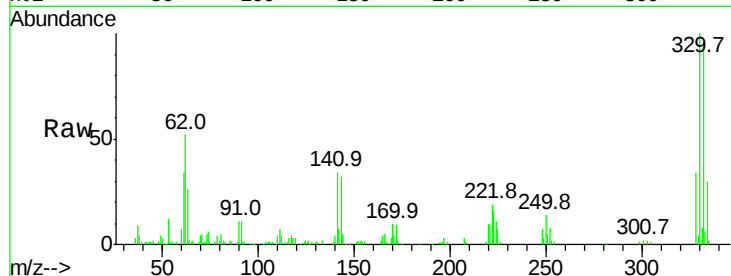
Tot Ion:330 Resp: 69954

Ion Ratio Lower Upper

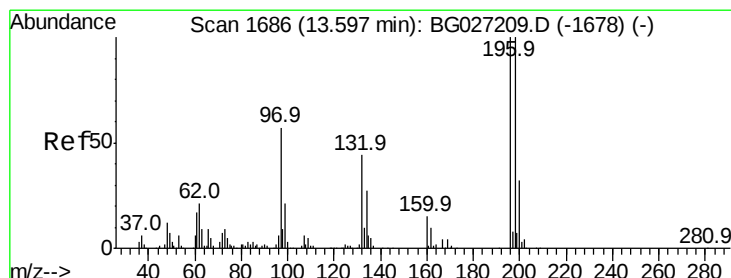
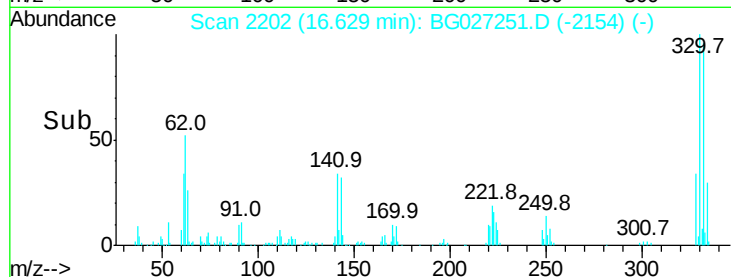
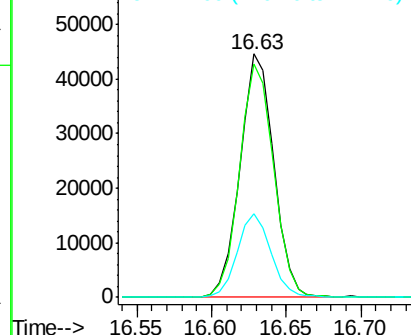
330 100

332 96.9 77.3 115.9

141 34.4 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: 11.29 ng

RT: 13.59 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

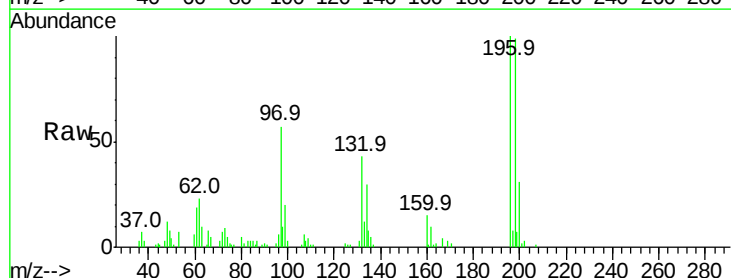
Tgt Ion:196 Resp: 34508

Ion Ratio Lower Upper

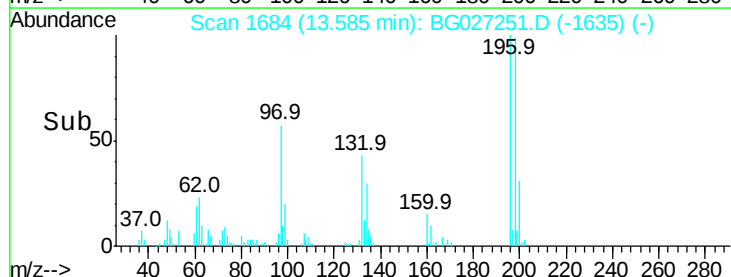
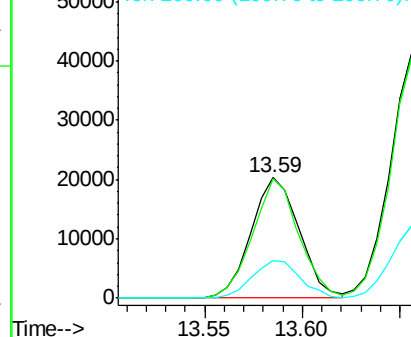
196 100

198 99.5 81.4 122.2

200 31.0 27.0 40.6



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

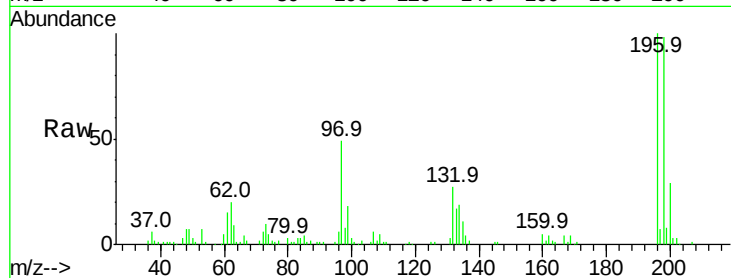




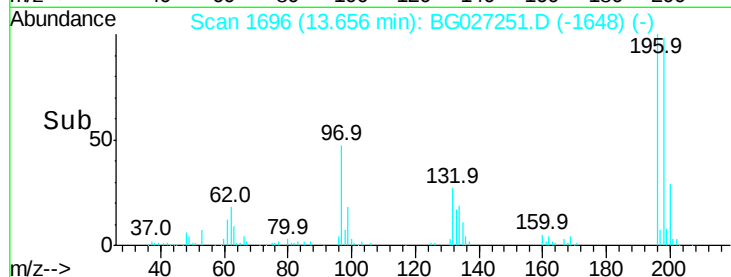
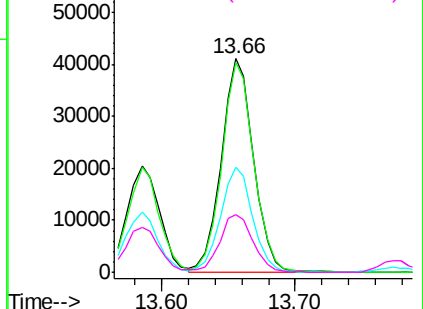
#43
 2,4,5-Trichlorophenol
 Concen: 20.25 ng
 RT: 13.66 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tot Ion:196 Resp: 69232
 Ion Ratio Lower Upper
 196 100
 198 98.4 79.9 119.9
 97 49.2 45.4 68.0
 132 27.0 20.7 31.1

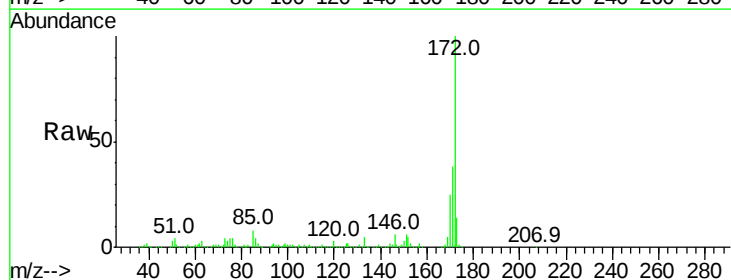


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

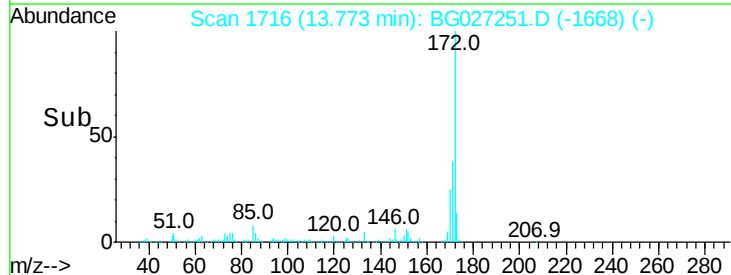
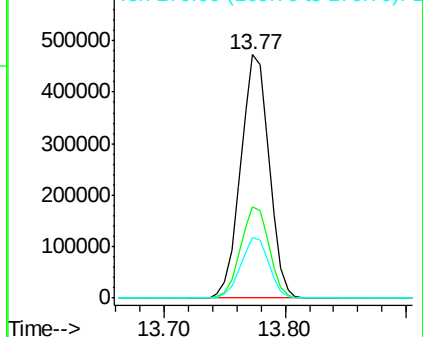


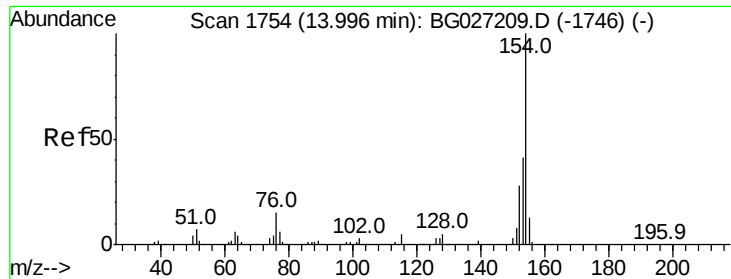
#44
 2-Fluorobiphenyl
 Concen: 67.04 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion:172 Resp: 774915
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 24.9 21.8 32.6



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





#45

1,1'-Biphenyl

Concen: 36.49 ng

RT: 13.98 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

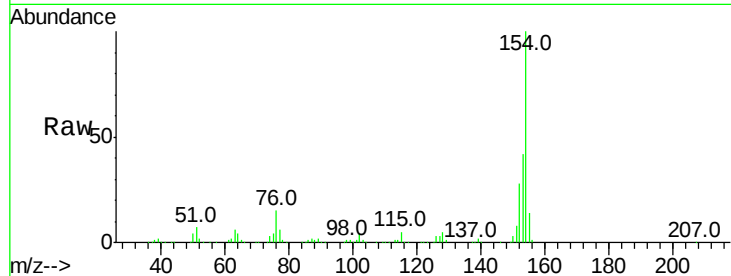
Tot Ion:154 Resp: 481548

Ion Ratio Lower Upper

154 100

153 41.5 23.0 63.0

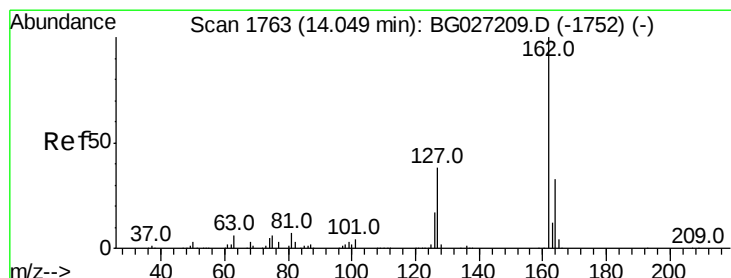
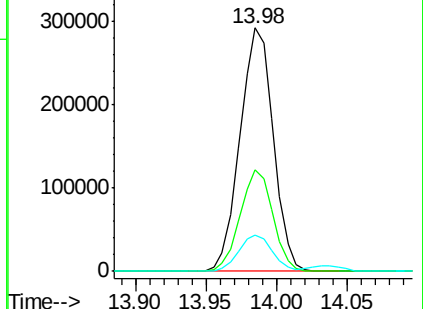
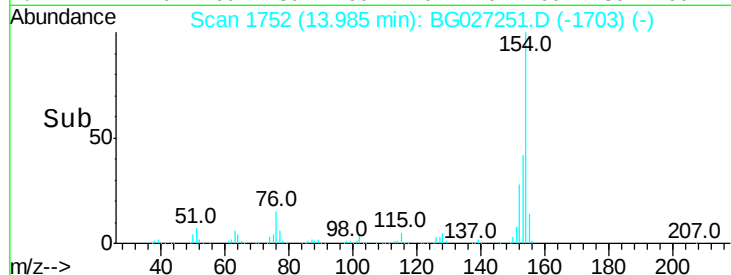
76 15.1 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.93 ng

RT: 14.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

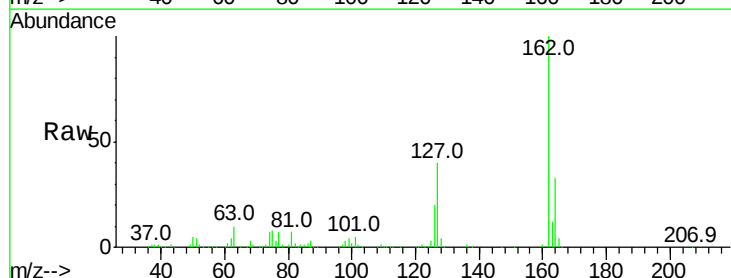
Tgt Ion:162 Resp: 365460

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.4

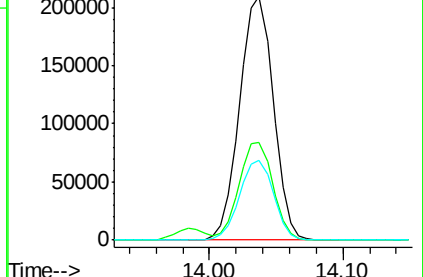
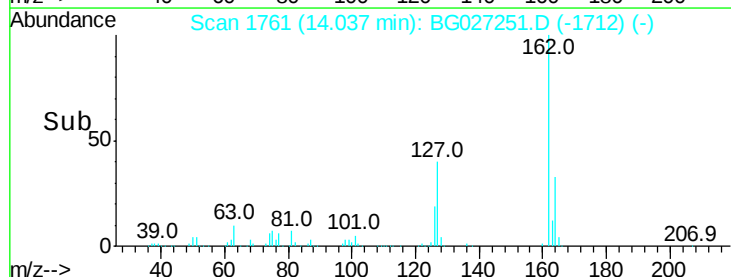
164 33.0 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.89 ng

RT: 14.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

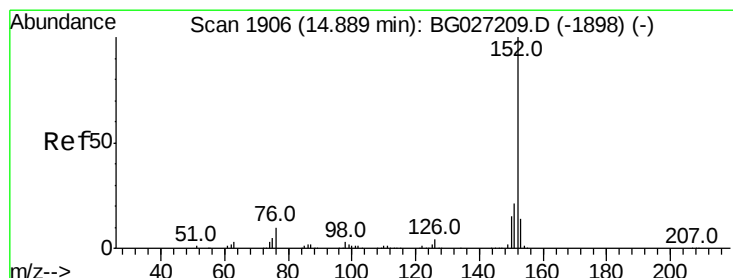
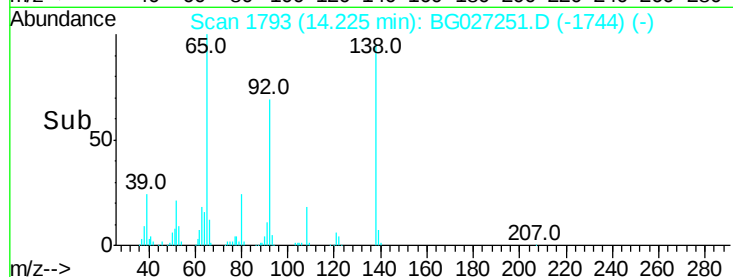
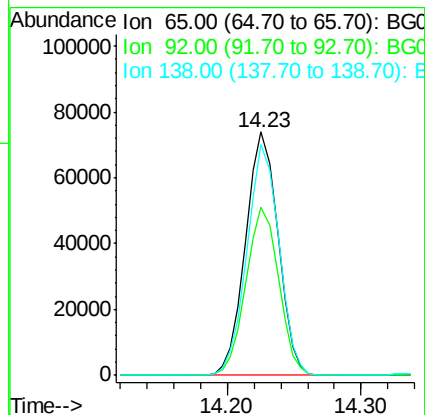
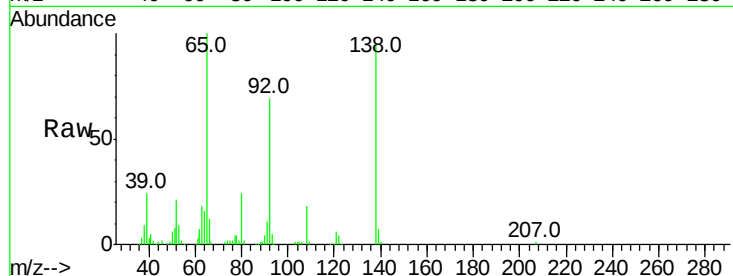
Tot Ion: 65 Resp: 124880

Ion Ratio Lower Upper

65 100

92 69.3 49.0 73.4

138 94.5 58.6 87.8#



#48

Acenaphthylene

Concen: 35.21 ng

RT: 14.88 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

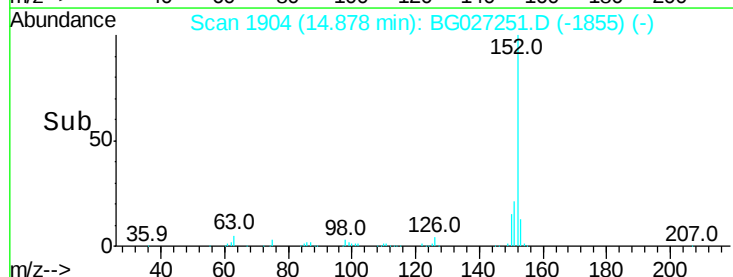
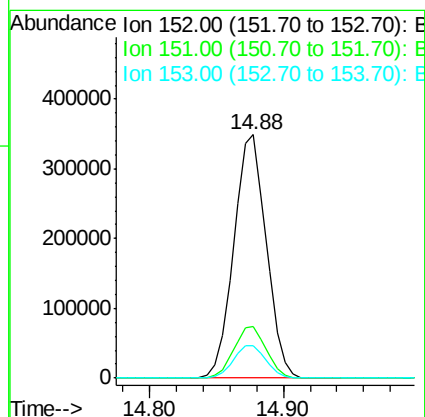
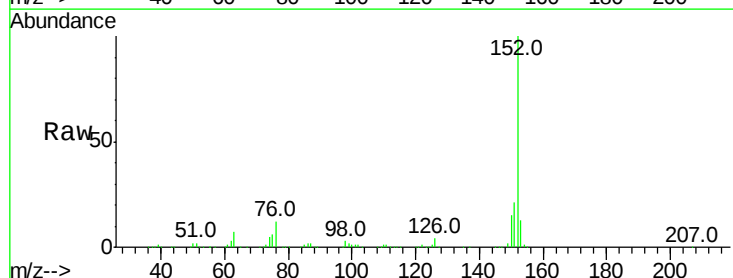
Tgt Ion: 152 Resp: 589666

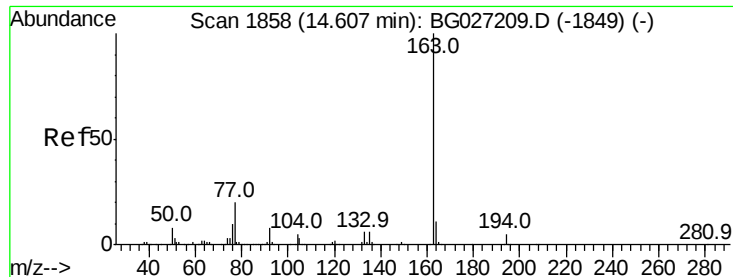
Ion Ratio Lower Upper

152 100

151 21.3 18.2 27.2

153 13.4 11.3 16.9





#49

Dimethylphthalate

Concen: 50.04 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

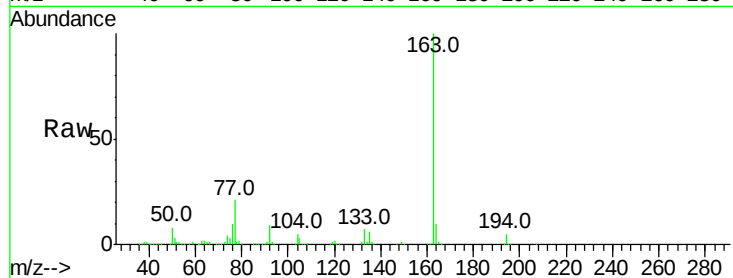
Tot Ion:163 Resp: 641883

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

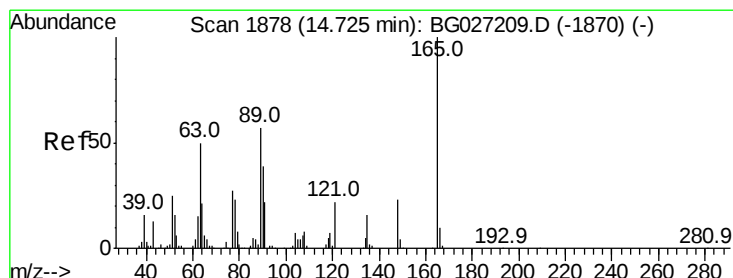
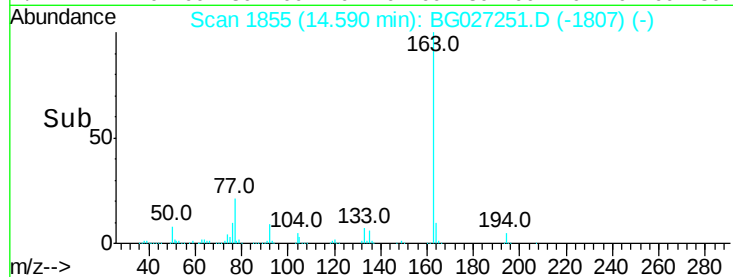
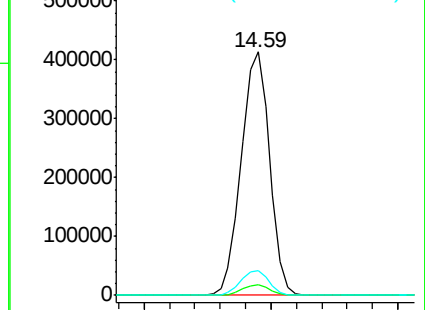
164 10.3 9.3 13.9



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: 40.93 ng

RT: 14.71 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

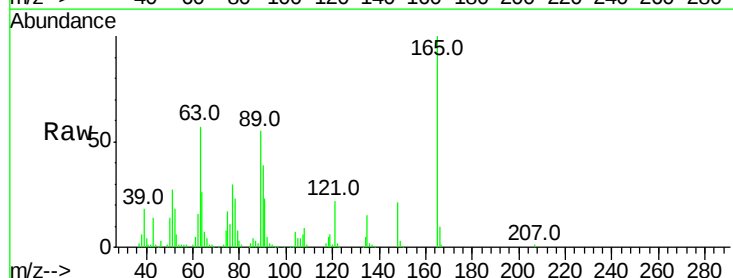
Tgt Ion:165 Resp: 104204

Ion Ratio Lower Upper

165 100

63 56.8 63.9 95.9#

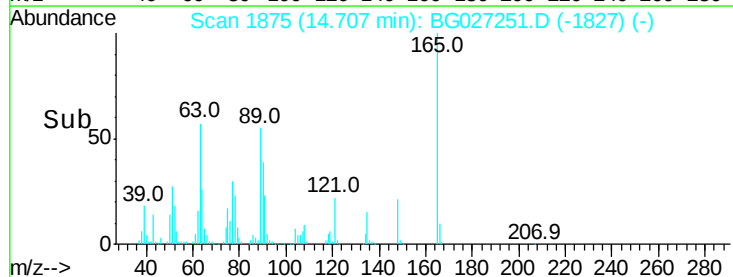
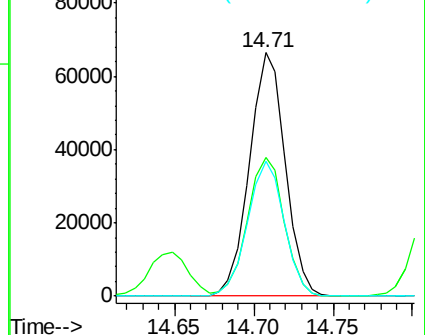
89 55.3 58.6 88.0#



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: 33.62 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

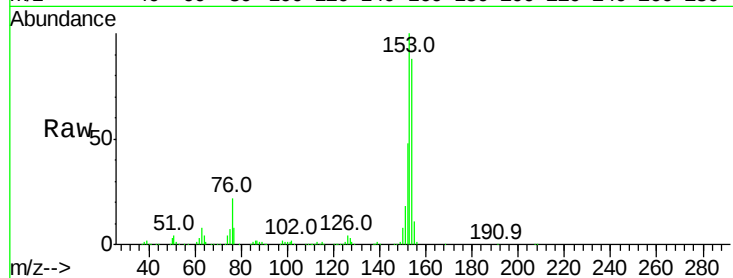
Tot Ion:154 Resp: 366268

Ion Ratio Lower Upper

154 100

153 114.3 87.8 131.6

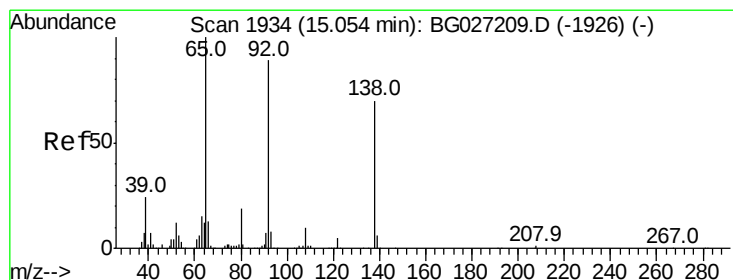
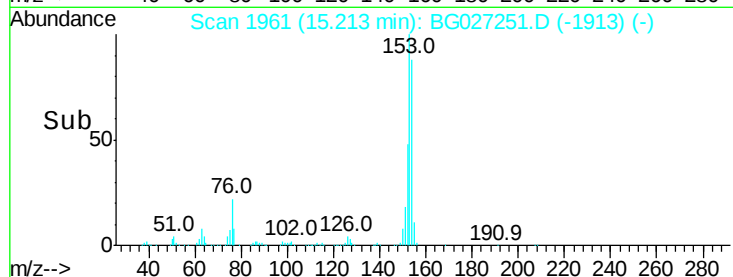
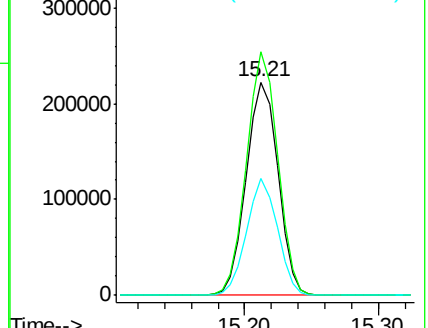
152 54.8 42.2 63.4



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: 35.99 ng

RT: 15.04 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

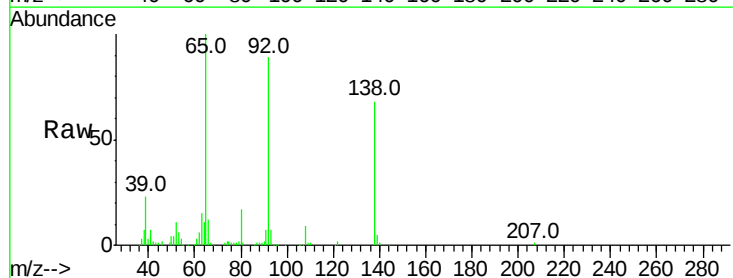
Tgt Ion:138 Resp: 93933

Ion Ratio Lower Upper

138 100

108 13.2 10.9 16.3

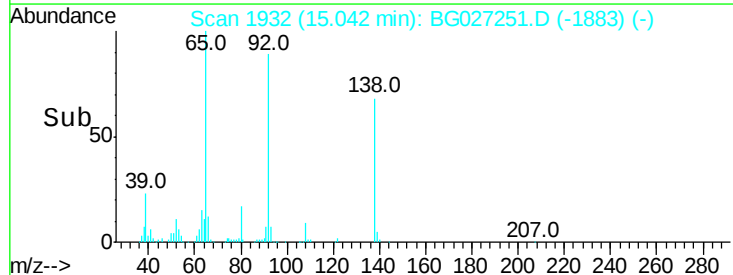
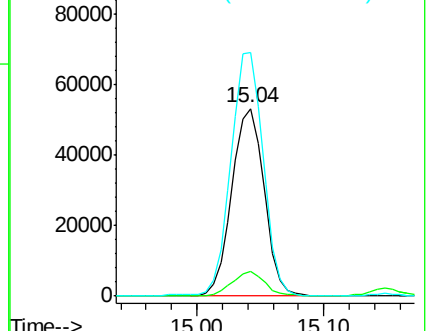
92 129.6 115.3 172.9



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

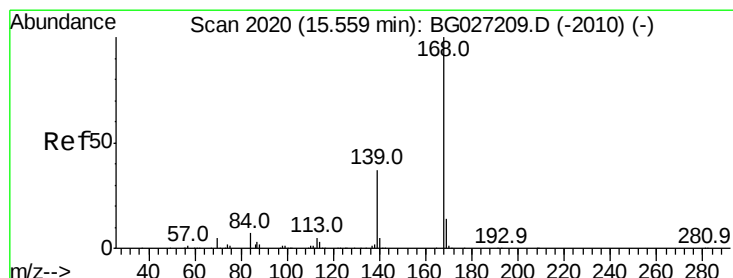
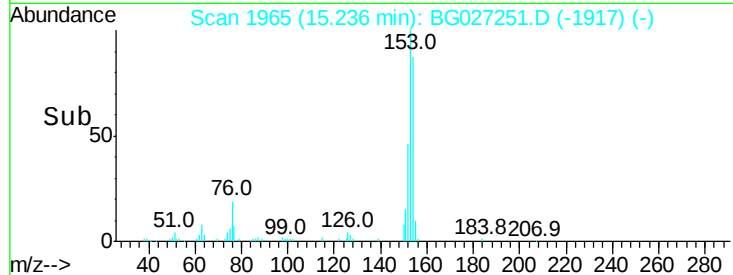
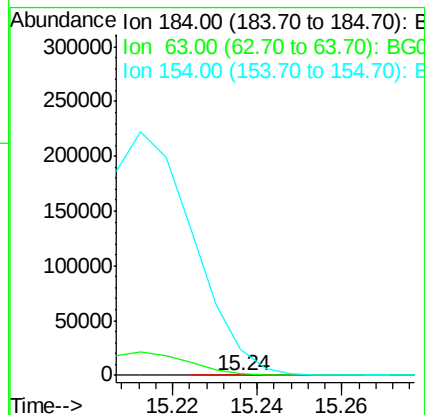
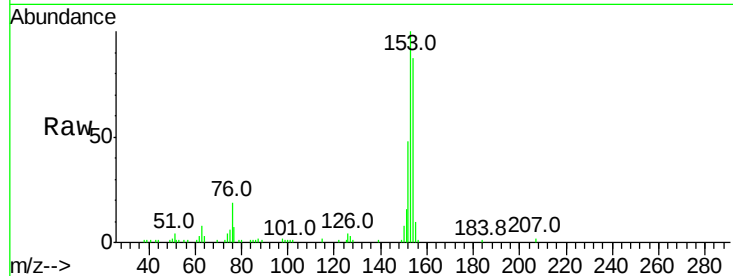




#53
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 15.24 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

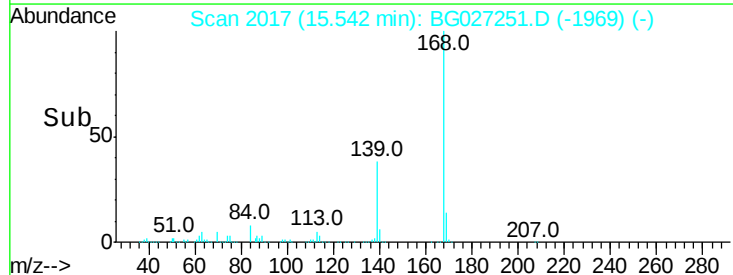
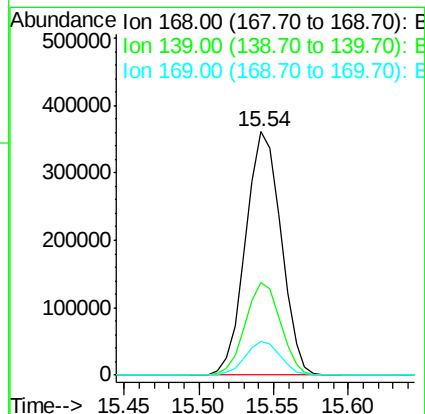
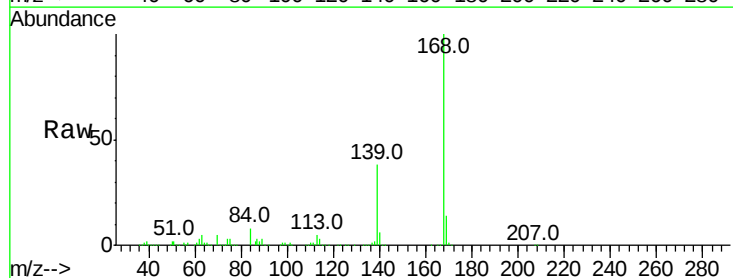
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

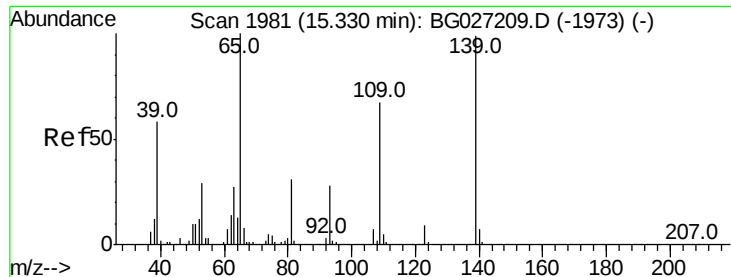
Tot Ion:184 Resp: 174
Ion Ratio Lower Upper
184 100
63 686.6 52.7 79.1#
154 7972.5 57.3 85.9#



#54
Dibenzofuran
Concen: 38.98 ng
RT: 15.54 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:168 Resp: 593309
Ion Ratio Lower Upper
168 100
139 37.8 35.3 52.9
169 14.0 11.5 17.3

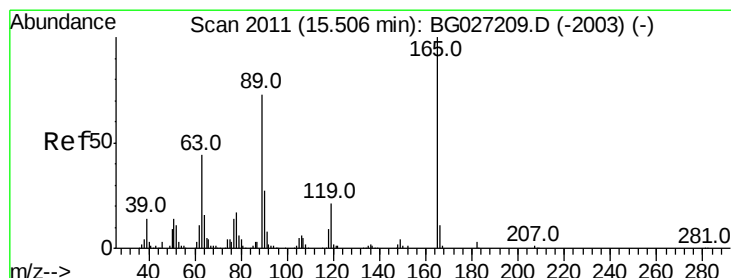
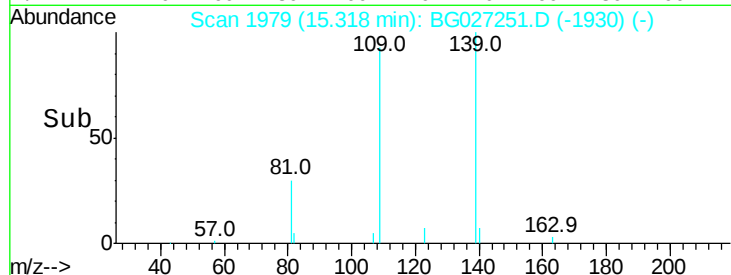
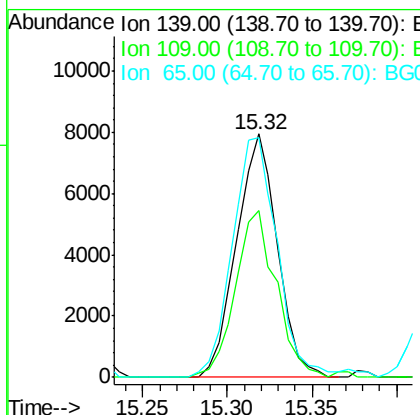
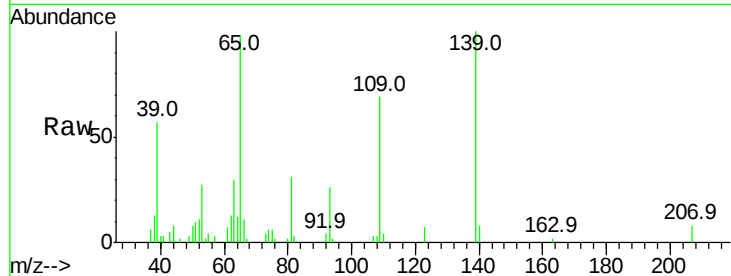




#55
4-Nitrophenol
Concen: 11.20 ng
RT: 15.32 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

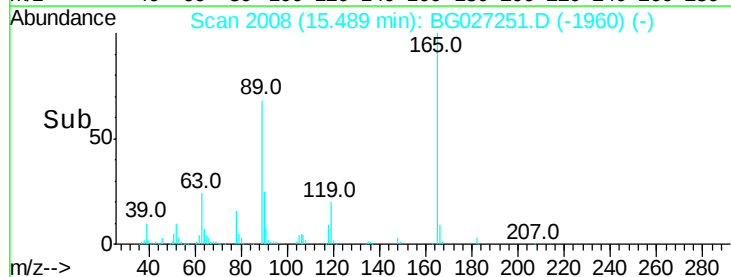
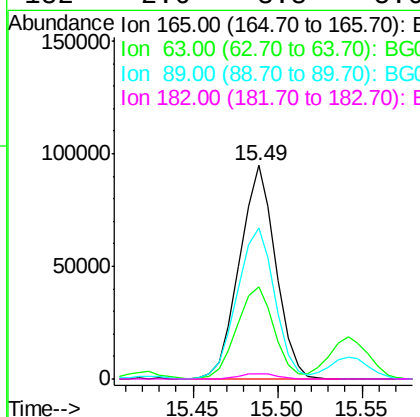
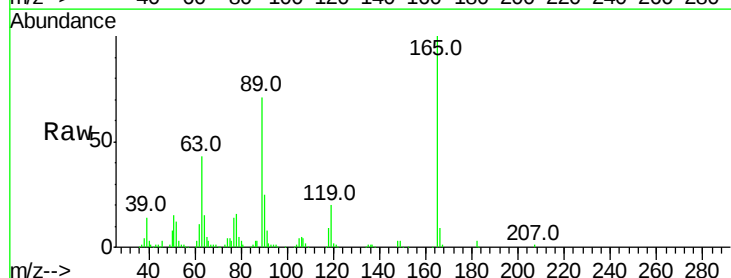
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:139 Resp: 13304
Ion Ratio Lower Upper
139 100
109 68.5 101.2 141.2#
65 98.2 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 43.27 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:165 Resp: 141559
Ion Ratio Lower Upper
165 100
63 42.9 44.0 66.0#
89 70.5 67.3 100.9
182 2.6 3.8 5.6#





#57

Fluorene

Concen: 35.49 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

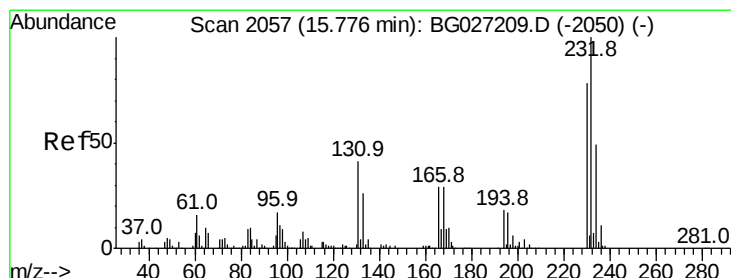
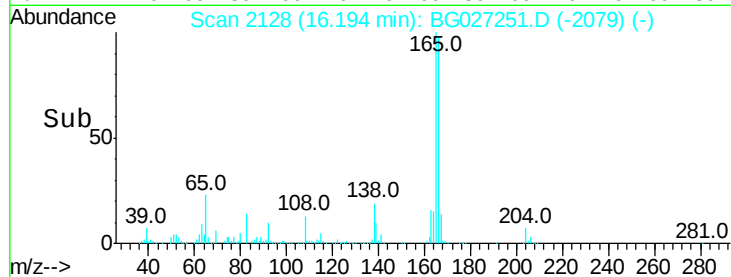
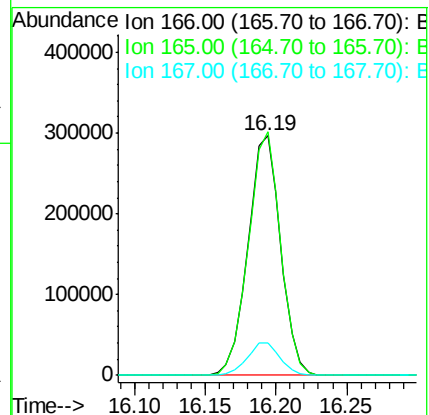
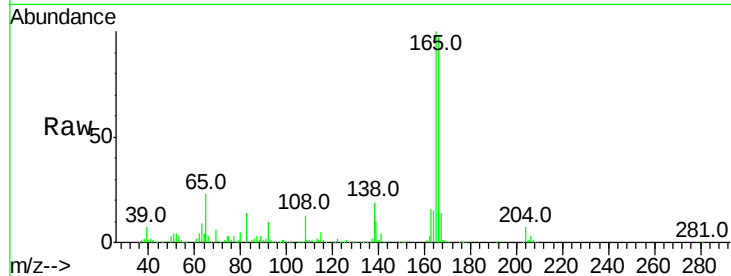
Tot Ion:166 Resp: 479823

Ion Ratio Lower Upper

166 100

165 101.7 78.6 117.8

167 13.8 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.50 ng

RT: 15.68 min Scan# 2040

Delta R.T. -0.10 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:232 Resp: 16787

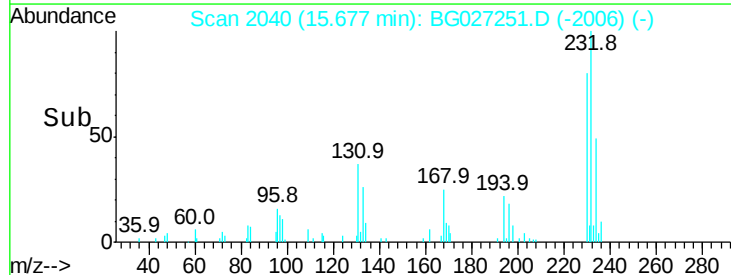
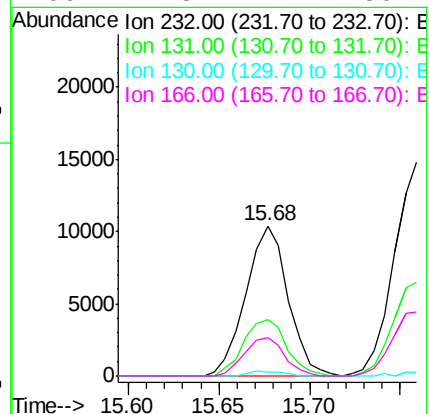
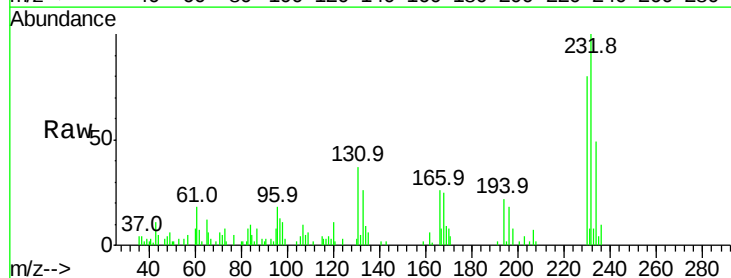
Ion Ratio Lower Upper

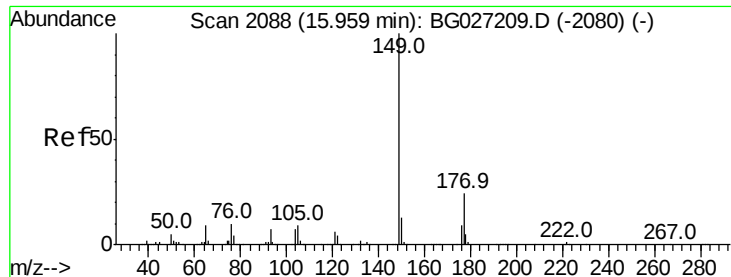
232 100

131 38.4 34.9 52.3

130 2.6 2.3 3.5

166 24.8 24.2 36.4

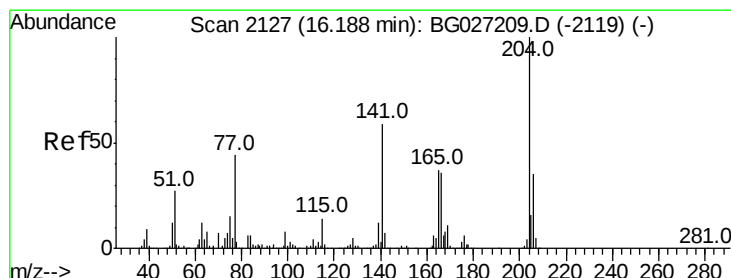
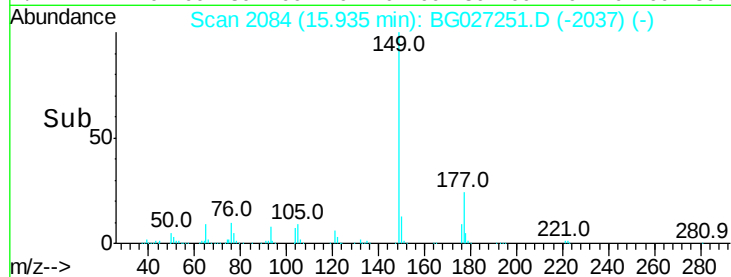
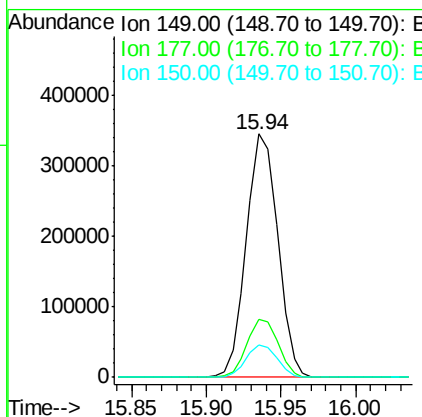
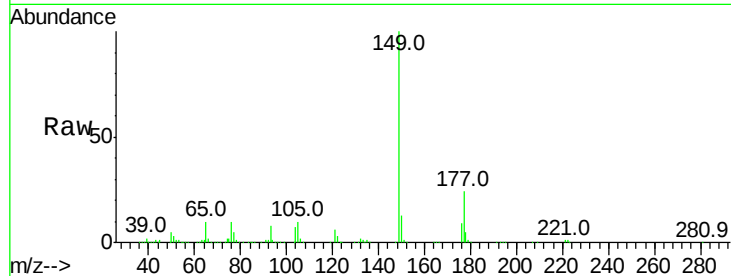




#59
Diethylphthalate
Concen: 39.49 ng
RT: 15.94 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

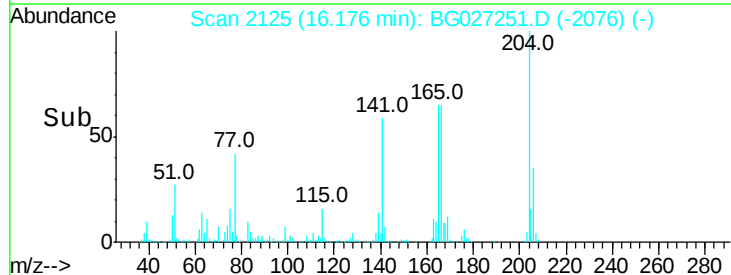
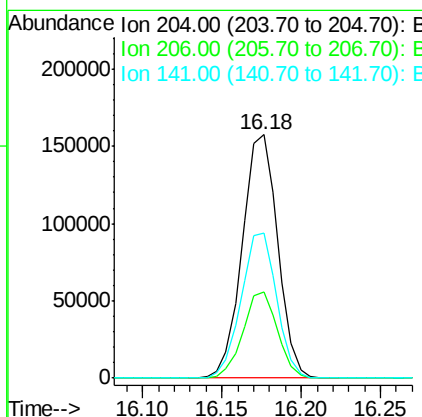
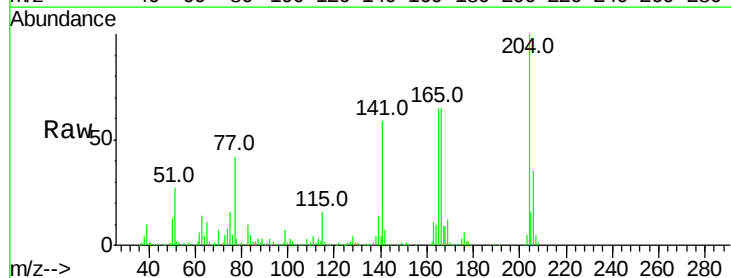
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

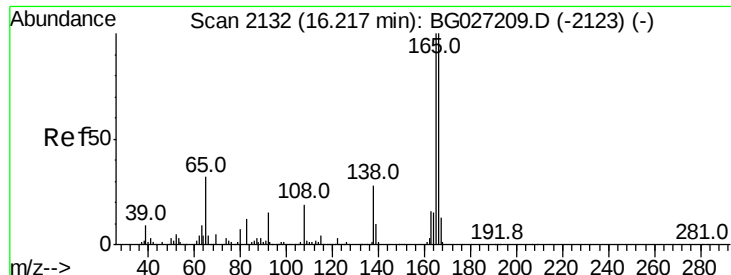
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	13.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.90 ng
RT: 16.18 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.4	30.1	45.1
141	59.4	50.6	76.0

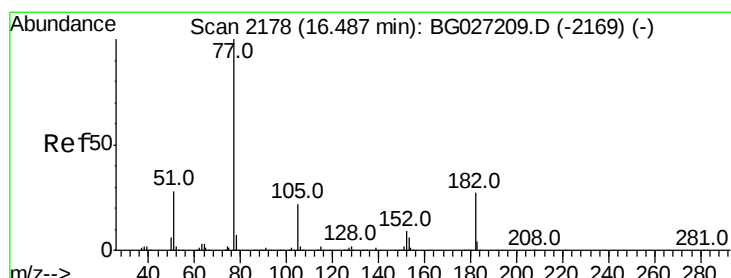
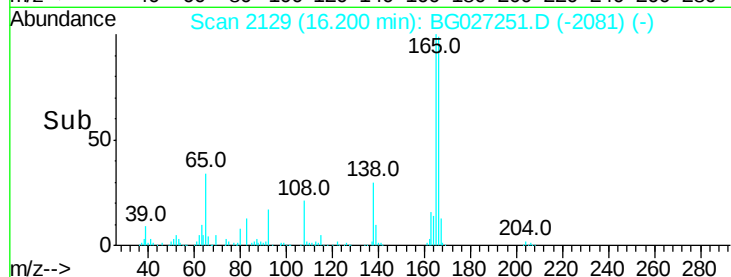
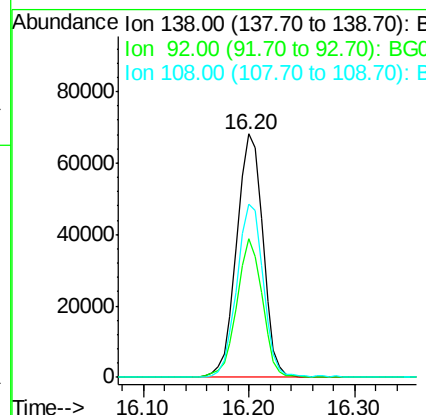
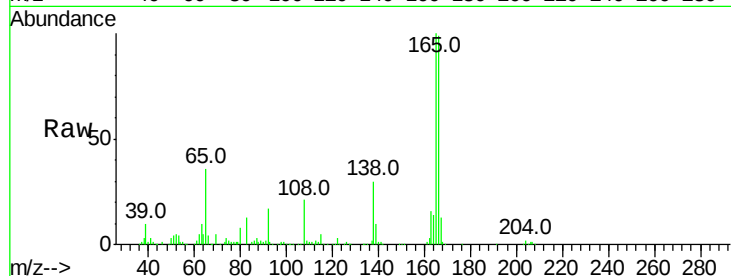




#61
4-Nitroaniline
Concen: 43.11 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

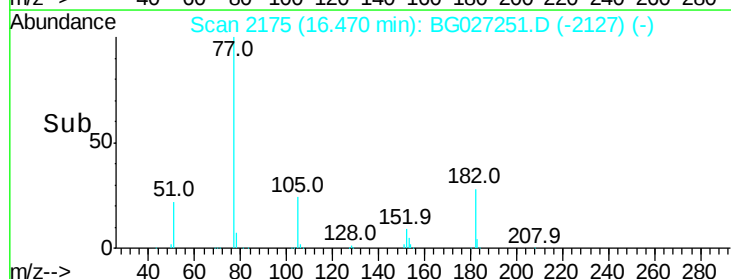
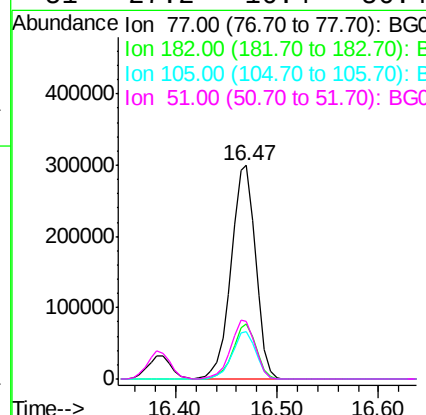
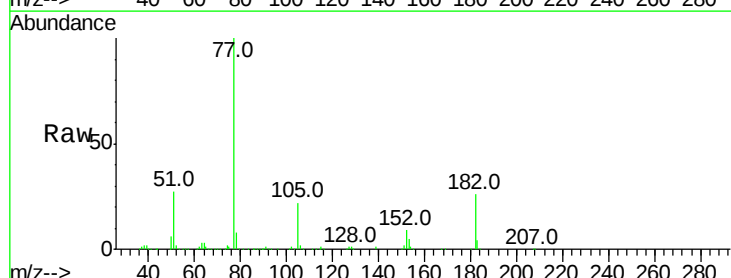
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:138 Resp: 117340
Ion Ratio Lower Upper
138 100
92 57.2 44.2 84.2
108 71.2 104.8 144.8#



#62
Azobenzene
Concen: 42.26 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion: 77 Resp: 501099
Ion Ratio Lower Upper
77 100
182 25.8 4.7 44.7
105 22.3 0.0 36.3
51 27.2 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: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

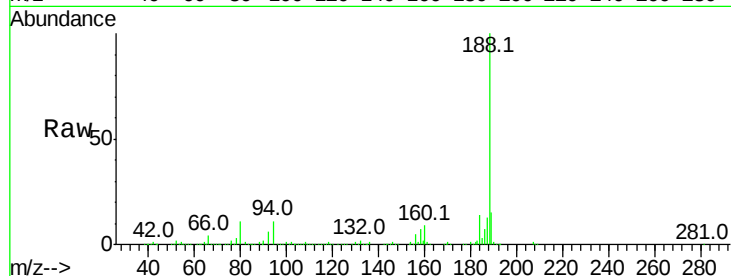
Tot Ion:188 Resp: 379627

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.8#

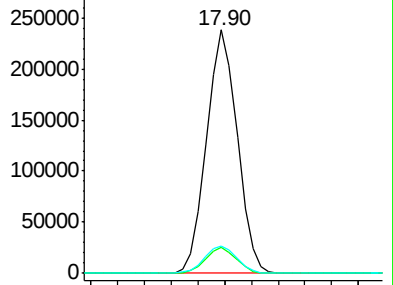
80 11.0 7.5 11.3



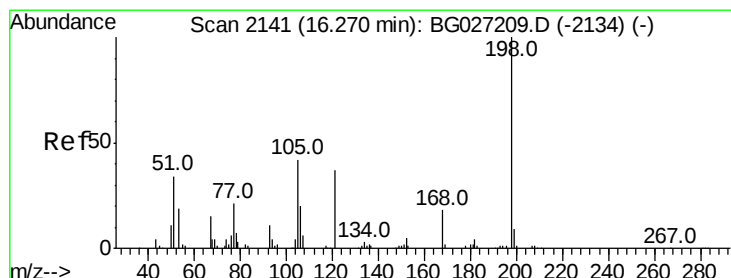
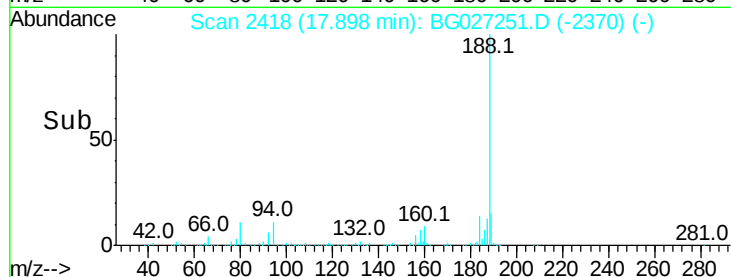
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.80 17.90



#64

4,6-Dinitro-2-methylphenol

Concen: 7.73 ng

RT: 16.25 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

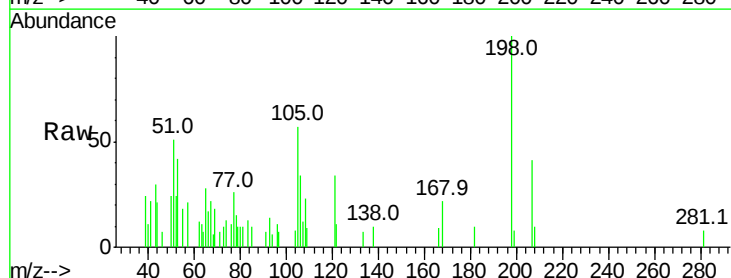
Tgt Ion:198 Resp: 4012

Ion Ratio Lower Upper

198 100

51 50.8 22.6 62.6

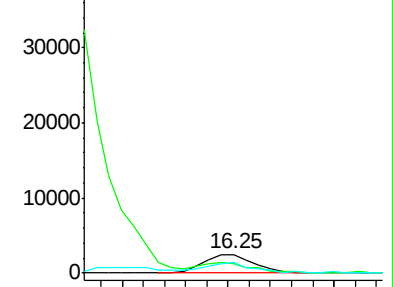
105 56.6 14.4 54.4#



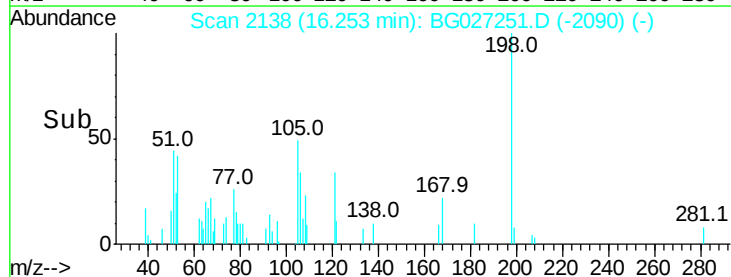
Abundance Ion 198.00 (197.70 to 198.70): E

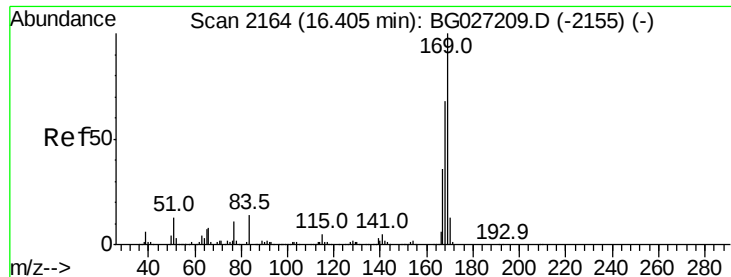
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 16.20 16.25 16.30

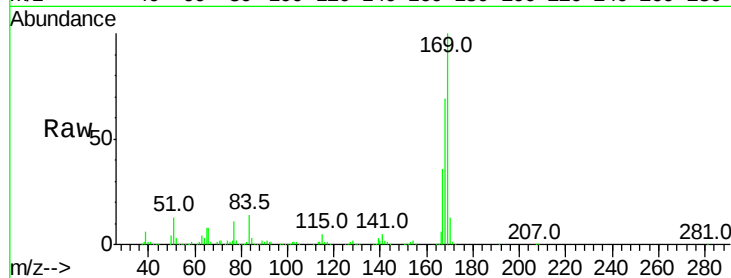




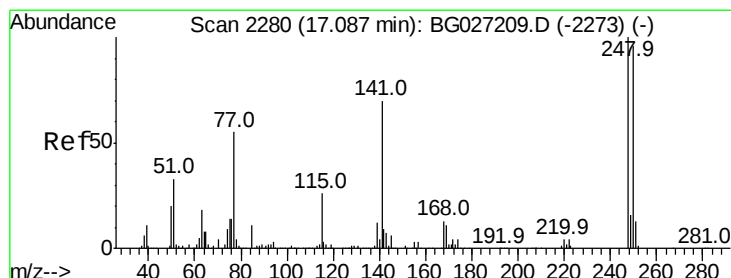
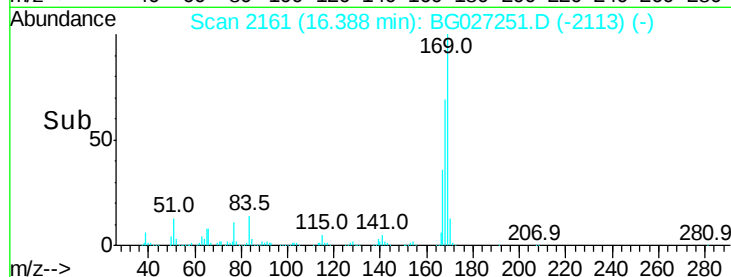
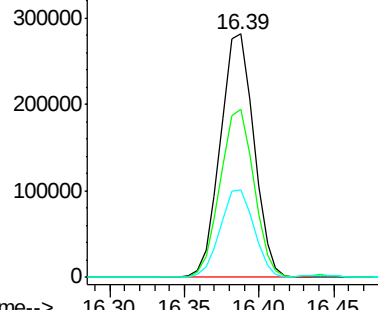
#65
n-Nitrosodiphenylamine
Concen: 36.86 ng
RT: 16.39 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:169 Resp: 438718
Ion Ratio Lower Upper
169 100
168 69.0 55.7 83.5
167 36.1 29.8 44.6

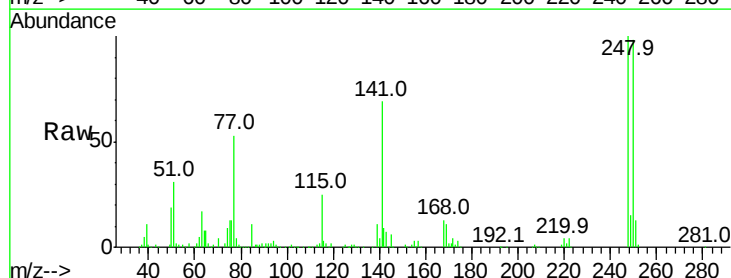


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

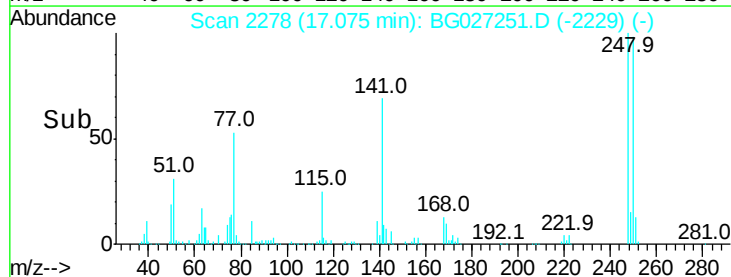
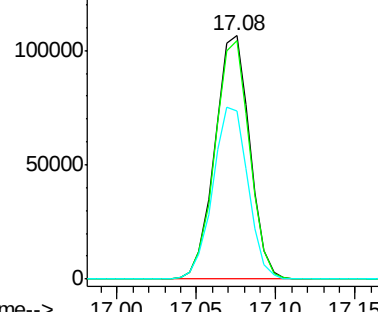


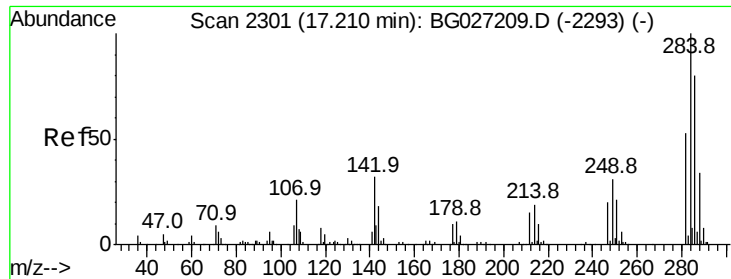
#66
4-Bromophenyl-phenylether
Concen: 36.07 ng
RT: 17.08 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:248 Resp: 162078
Ion Ratio Lower Upper
248 100
250 97.8 75.0 112.6
141 68.9 55.2 82.8



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





#67

Hexachlorobenzene

Concen: 35.72 ng

RT: 17.20 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

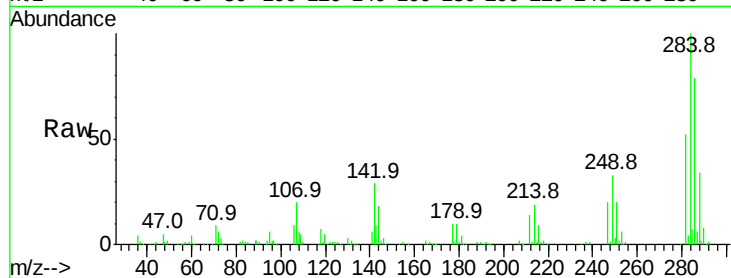
Tot Ion:284 Resp: 172640

Ion Ratio Lower Upper

284 100

142 29.5 29.9 44.9#

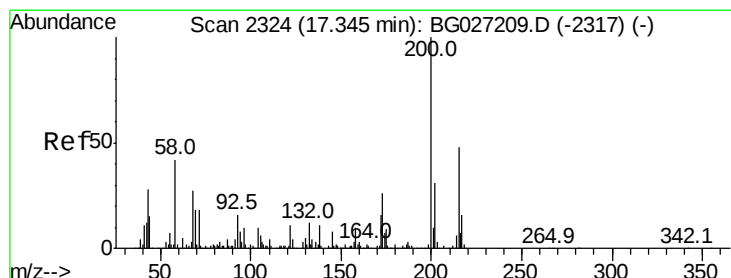
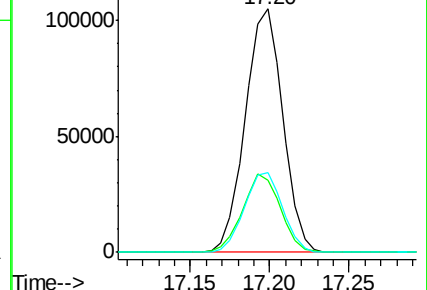
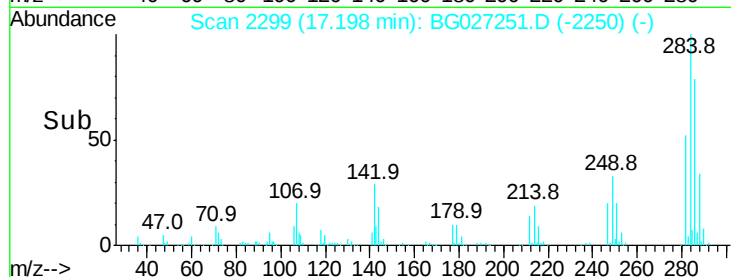
249 32.7 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.08 ng

RT: 17.33 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

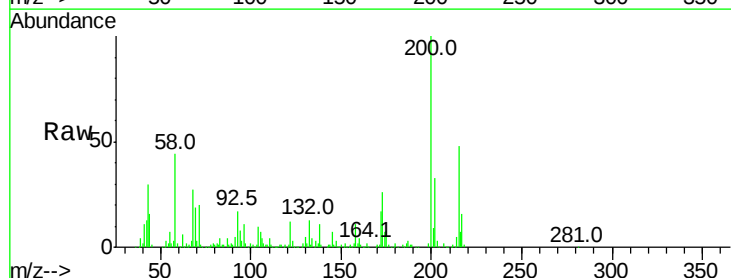
Tgt Ion:200 Resp: 163482

Ion Ratio Lower Upper

200 100

173 26.3 3.0 43.0

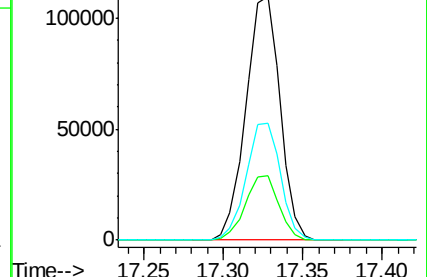
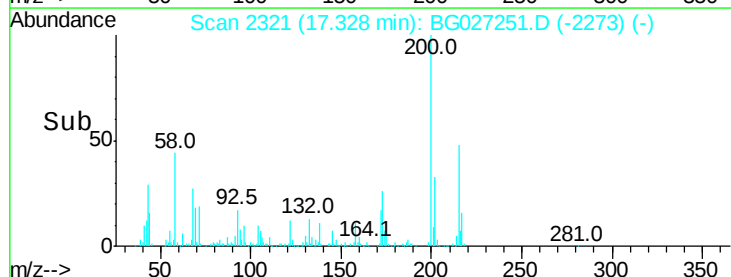
215 48.0 28.4 68.4

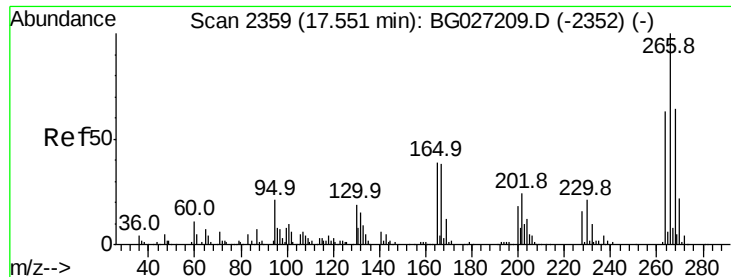


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

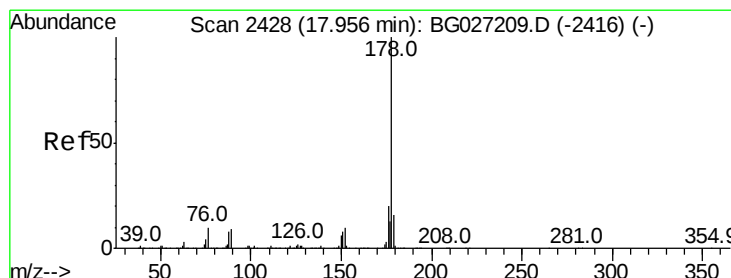
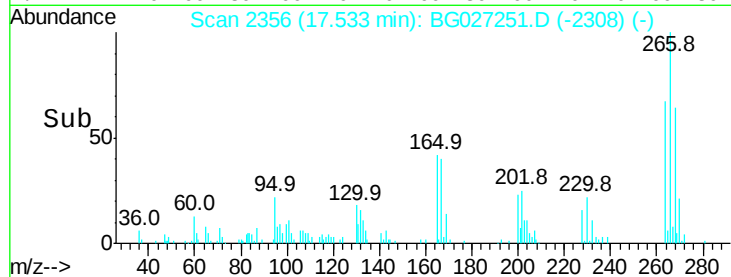
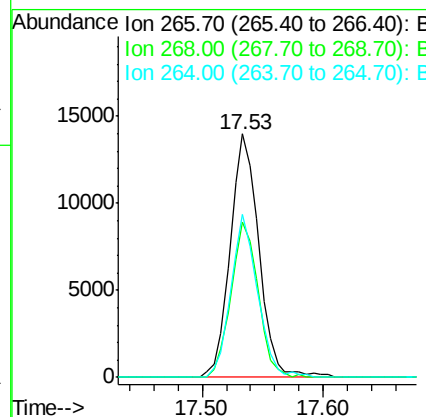
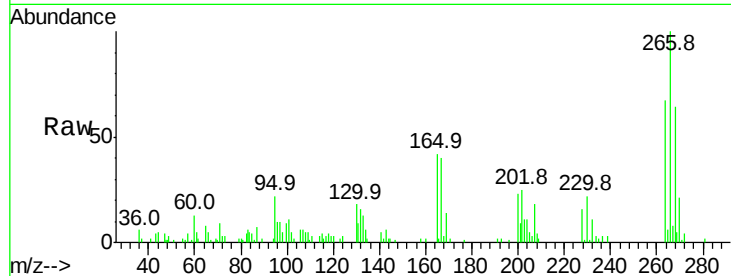




#69
 Pentachlorophenol
 Concen: 8.14 ng
 RT: 17.53 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

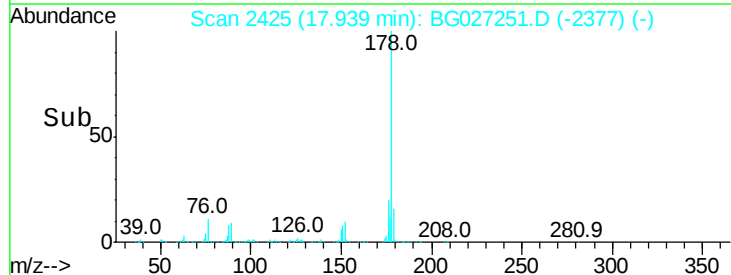
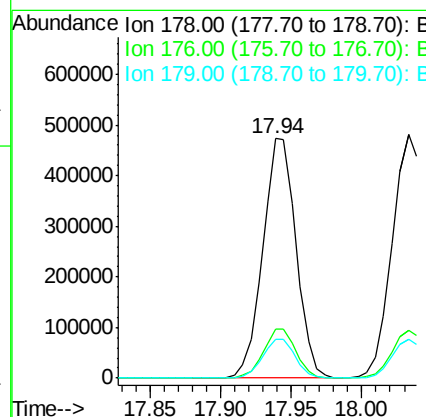
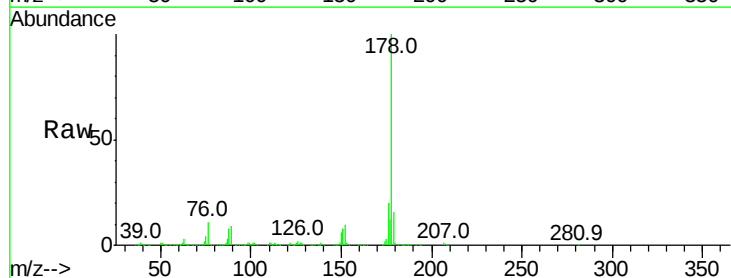
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

Tot Ion:266 Resp: 23062
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.6 72.8
 264 66.8 50.1 75.1



#70
 Phenanthrene
 Concen: 36.56 ng
 RT: 17.94 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion:178 Resp: 780962
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.7 26.5
 179 16.2 15.0 22.6

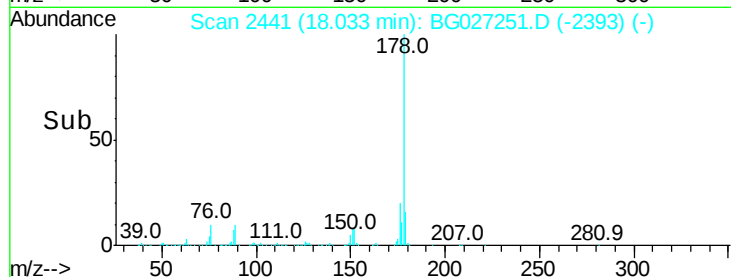
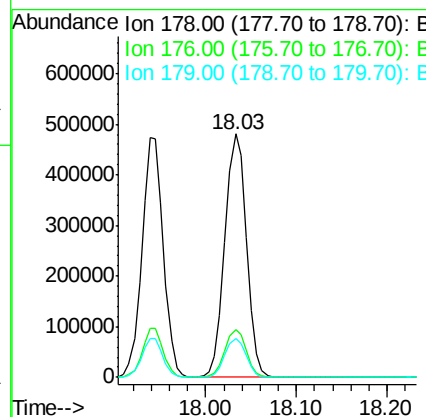
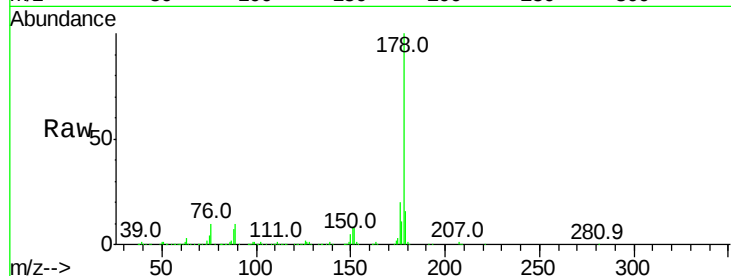




#71
 Anthracene
 Concen: 37.07 ng
 RT: 18.03 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

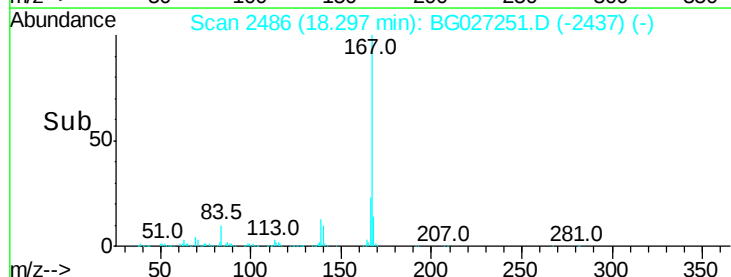
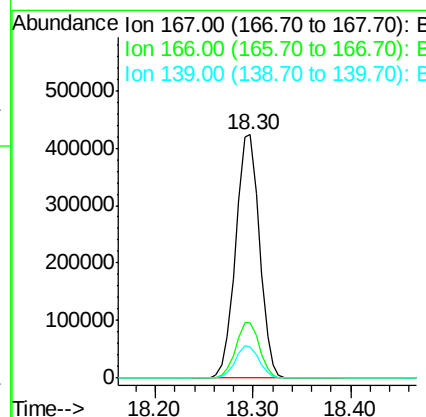
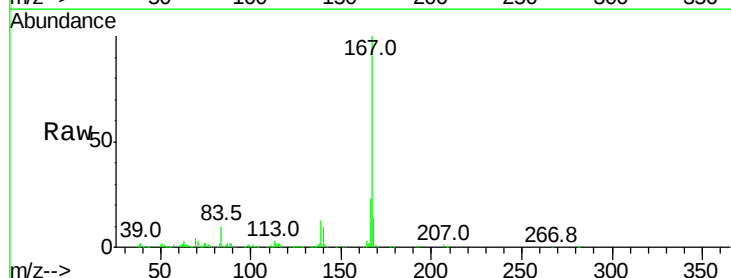
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

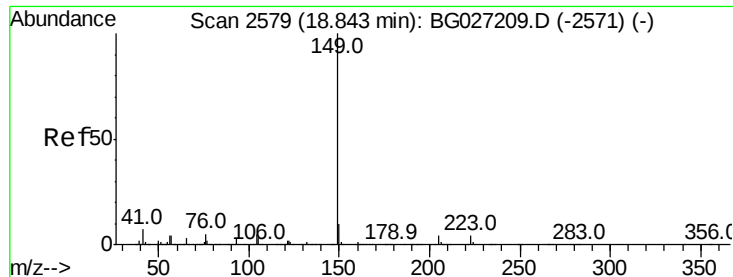
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.4	24.6
179	16.1	13.8	20.8



#72
 Carbazole
 Concen: 35.45 ng
 RT: 18.30 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	20.2	30.2
139	12.9	12.8	19.2





#73

Di-n-butylphthalate

Concen: 43.06 ng

RT: 18.83 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

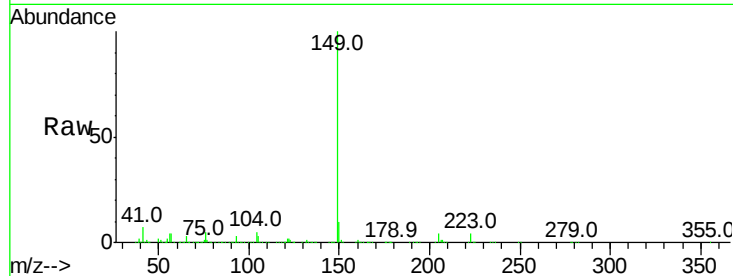
Tot Ion:149 Resp: 842654

Ion Ratio Lower Upper

149 100

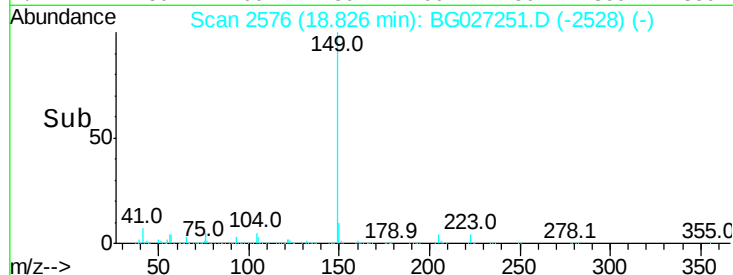
150 9.8 9.1 13.7

104 5.2 6.7 10.1#

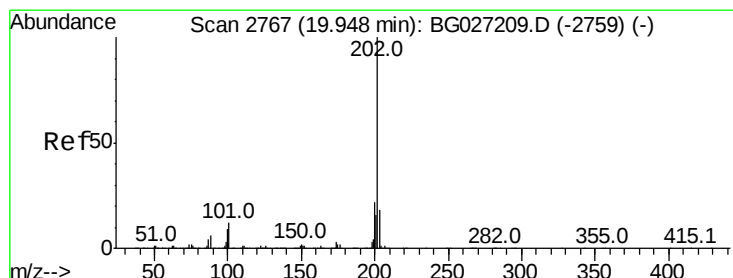


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

18.83



Time--> 18.70 18.80 18.90



#74

Fluoranthene

Concen: 38.96 ng

RT: 19.93 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

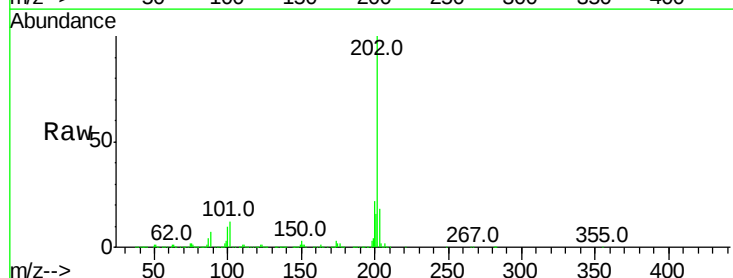
Tgt Ion:202 Resp: 889056

Ion Ratio Lower Upper

202 100

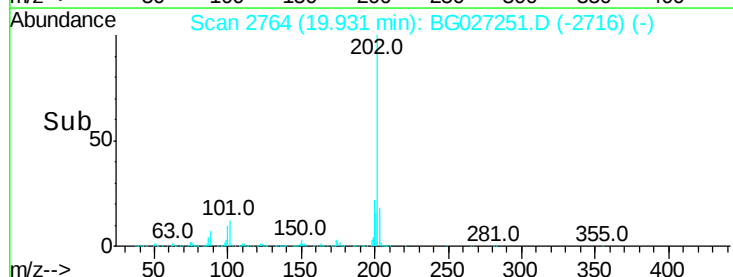
101 12.5 0.0 30.1

203 18.3 1.3 41.3

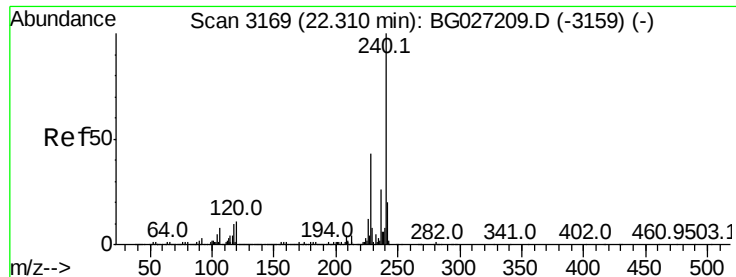


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.93



Time--> 19.80 19.90 20.00



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

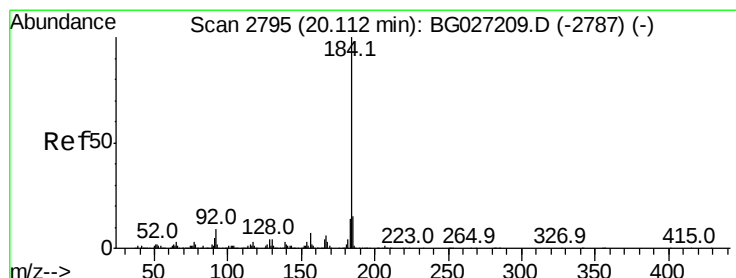
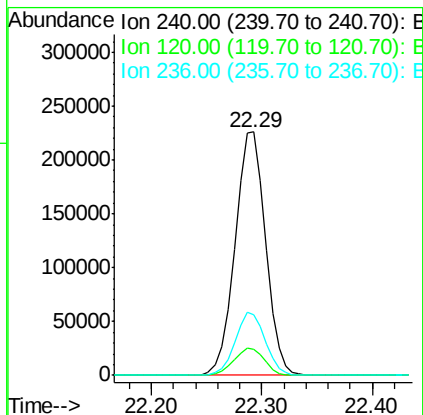
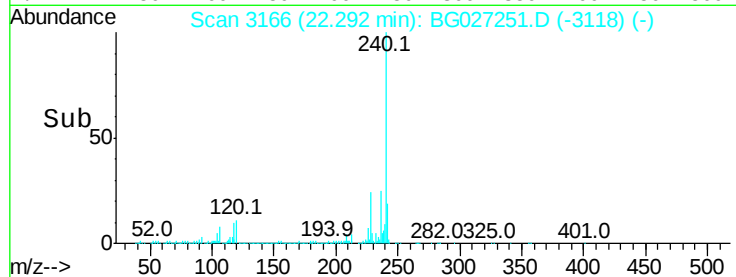
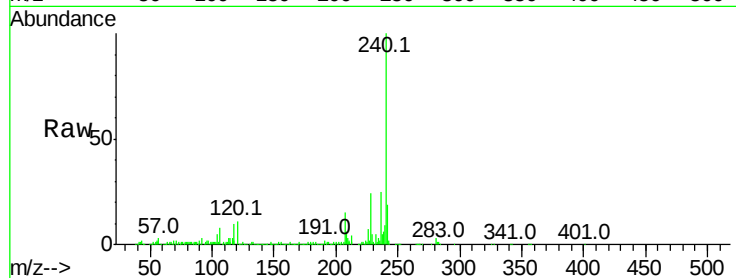
Tot Ion:240 Resp: 438442

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

236 24.9 22.2 33.4



#76

Benzidine

Concen: 31.88 ng

RT: 20.10 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

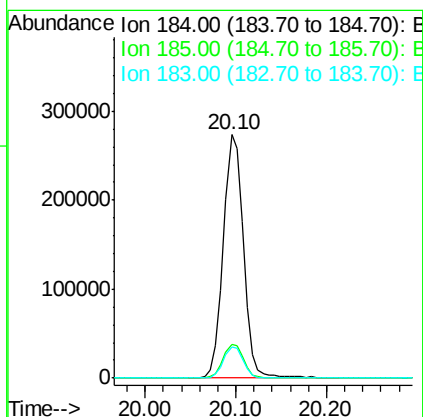
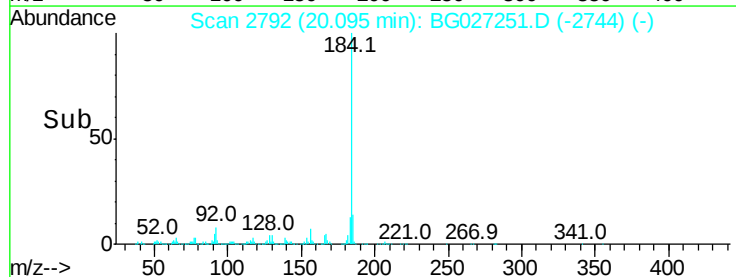
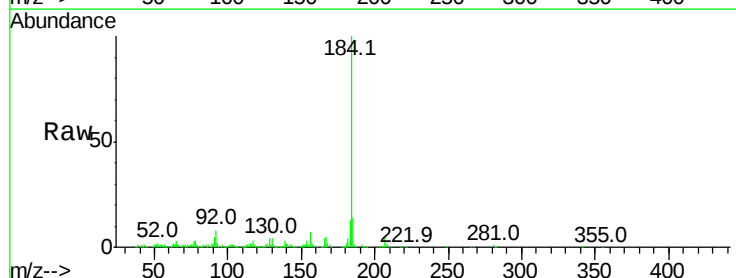
Tgt Ion:184 Resp: 421085

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

183 12.7 11.0 16.6





#77

Pvrene

Concen: 34.50 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

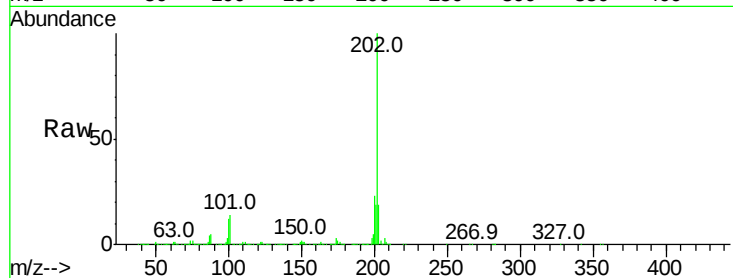
Tot Ion:202 Resp: 913949

Ion Ratio Lower Upper

202 100

200 22.6 19.6 29.4

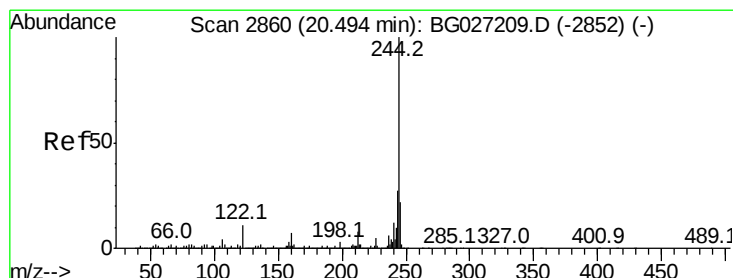
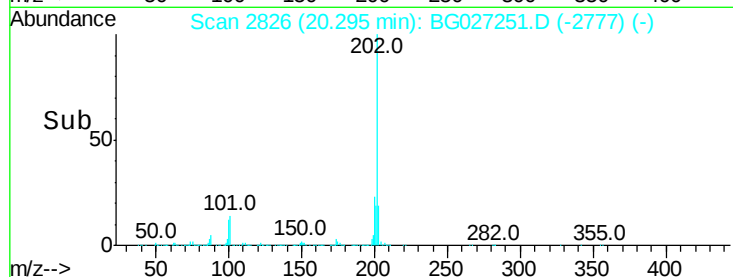
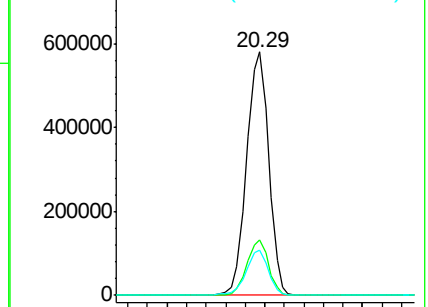
203 18.5 15.8 23.8



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: 68.87 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

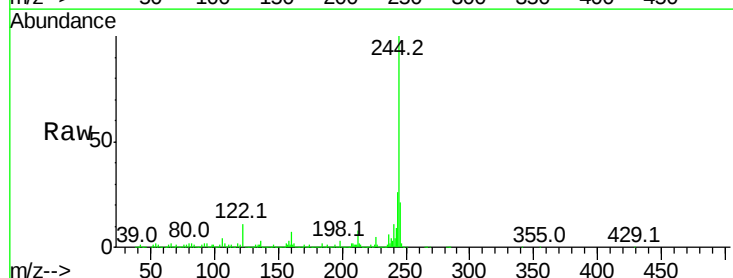
Tgt Ion:244 Resp: 1183741

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

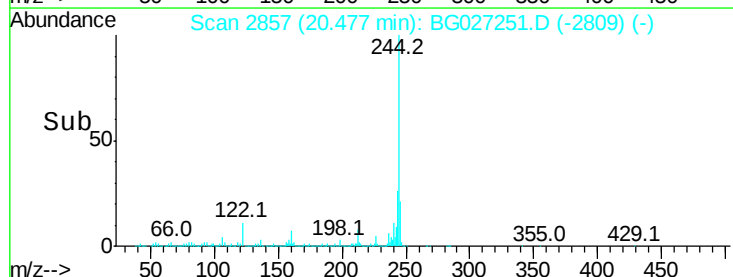
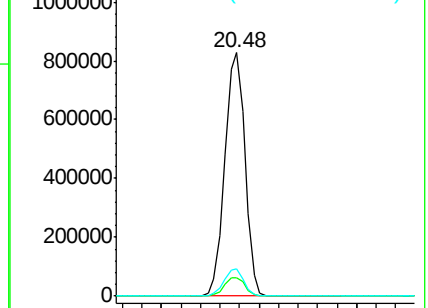
122 11.0 8.6 12.8



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

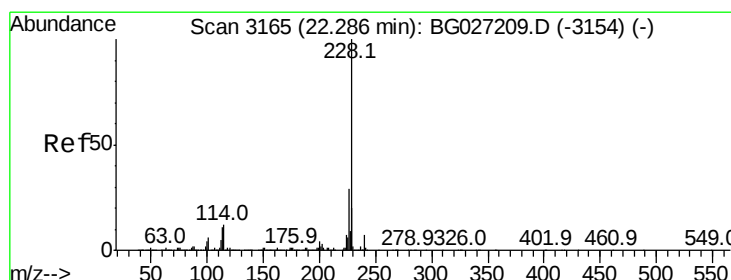
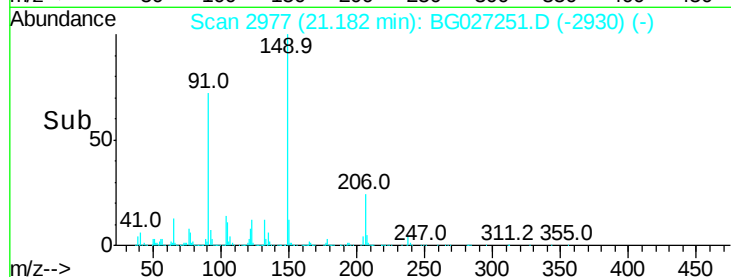
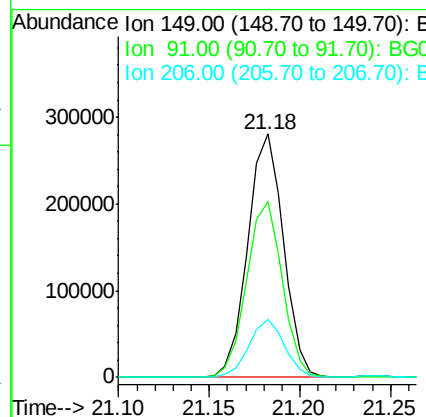
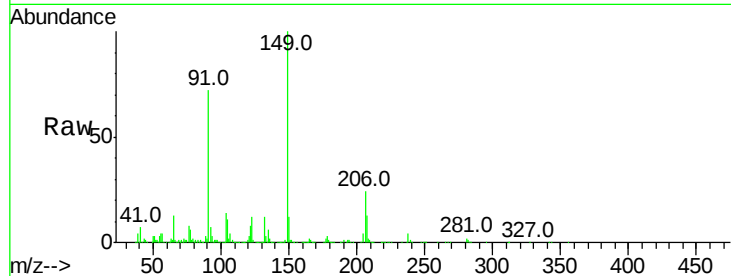




#79
Butylbenzylphthalate
Concen: 40.93 ng
RT: 21.18 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

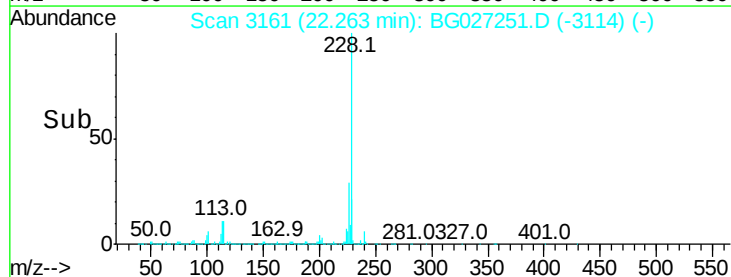
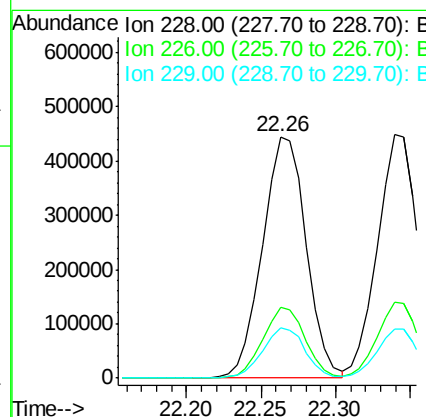
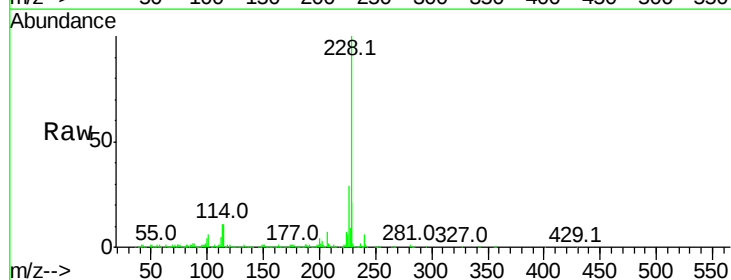
Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

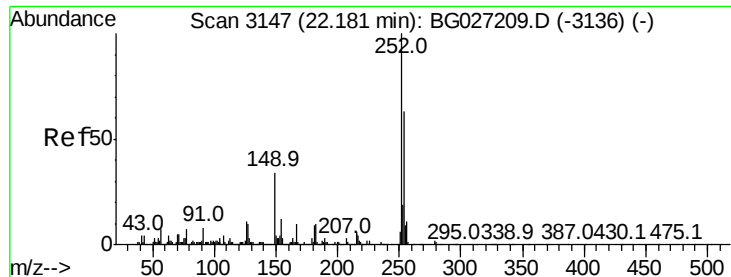
Tot Ion:149 Resp: 383128
Ion Ratio Lower Upper
149 100
91 72.1 63.5 95.3
206 23.7 21.0 31.6



#80
Benzo(a)anthracene
Concen: 36.11 ng
RT: 22.26 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:228 Resp: 902880
Ion Ratio Lower Upper
228 100
226 29.2 24.9 37.3
229 20.7 18.2 27.2

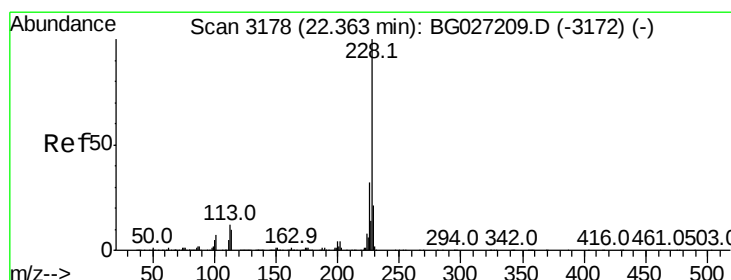
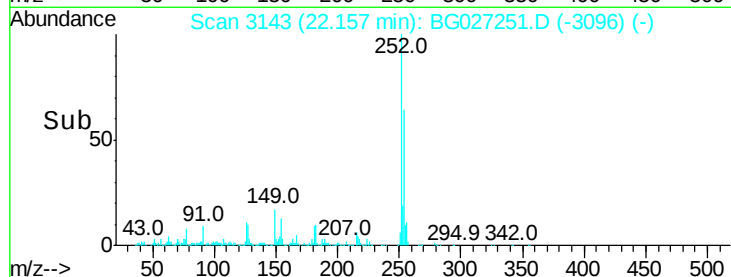
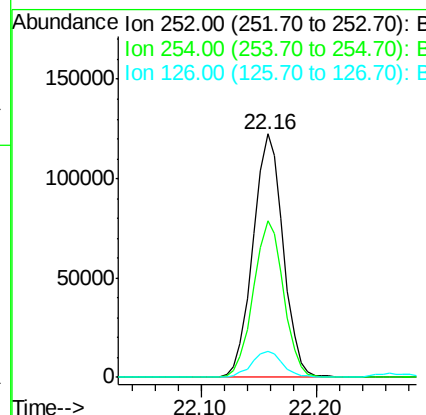
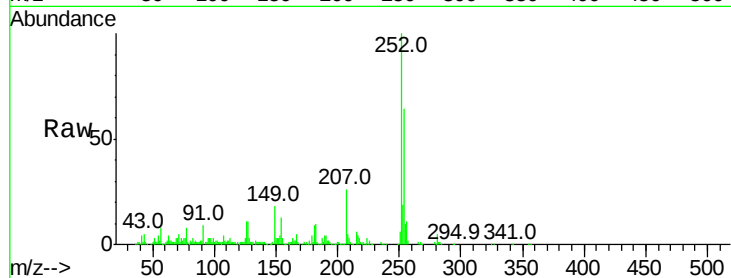




#81
 3,3'-Dichlorobenzidine
 Concen: 22.89 ng
 RT: 22.16 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

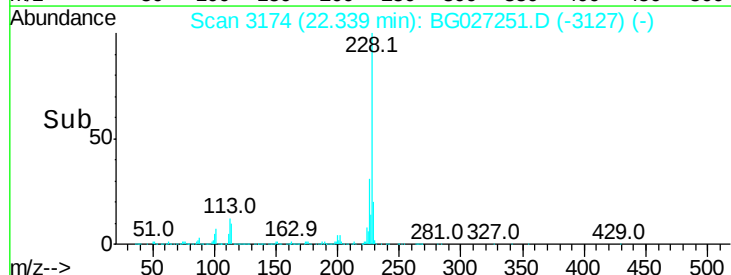
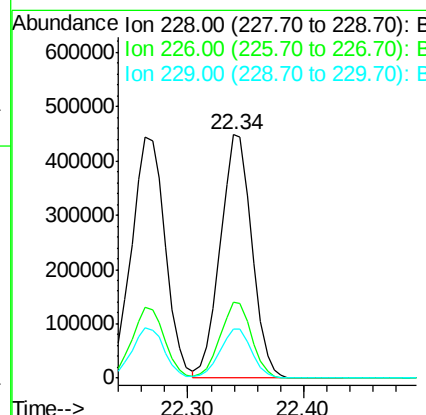
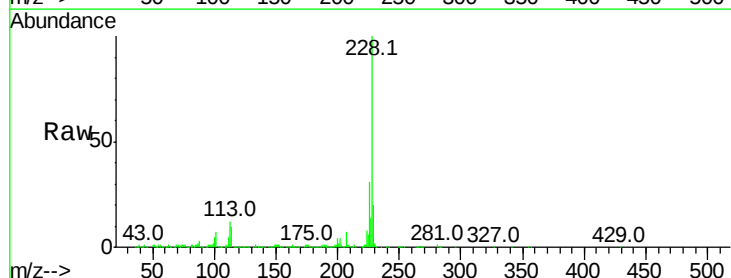
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MSD

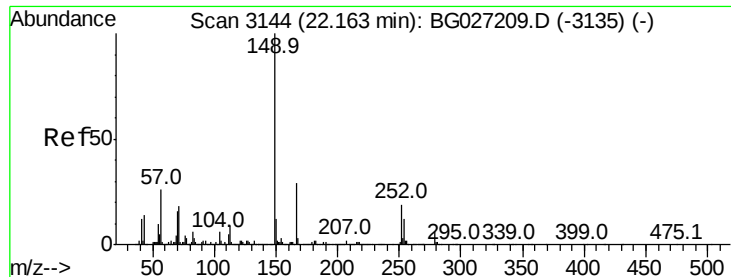
Tot Ion:252 Resp: 222620
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.1 79.7
 126 10.9 7.0 10.4#



#82
 Chrysene
 Concen: 35.32 ng
 RT: 22.34 min Scan# 3174
 Delta R.T. -0.02 min
 Lab File: BG027251.D
 Acq: 6 Jun 2017 16:14

Tgt Ion:228 Resp: 847904
 Ion Ratio Lower Upper
 228 100
 226 31.2 27.0 40.4
 229 20.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.27 ng

RT: 22.13 min Scan# 3139

Delta R.T. -0.03 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

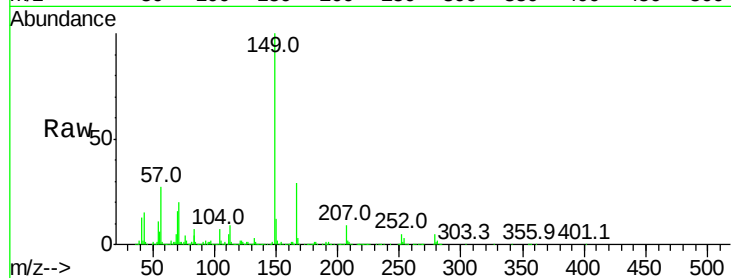
BNA_G

ClientSampleId :

COMP-1MSD

Tot Ion:149 Resp: 555545

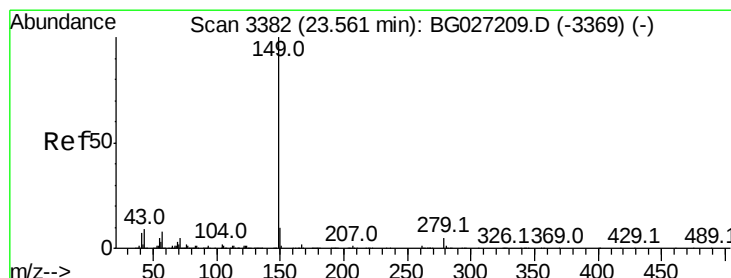
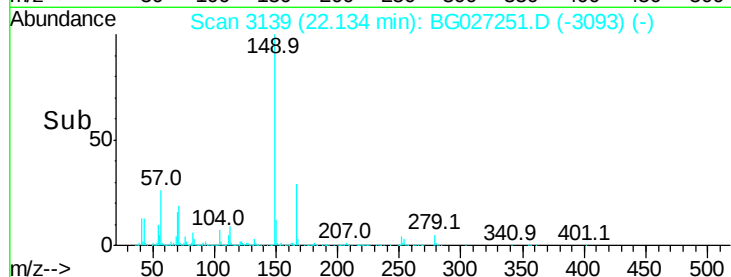
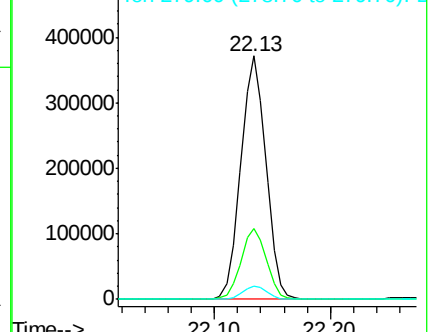
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	5.4	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.92 ng

RT: 23.52 min Scan# 3375

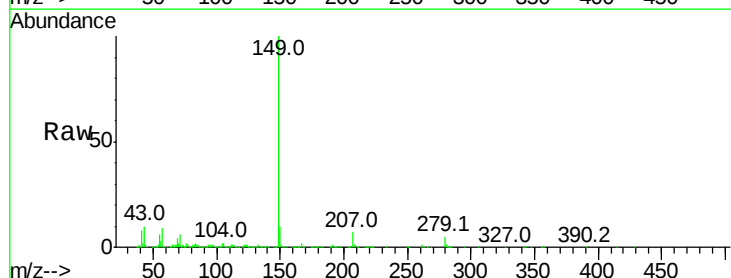
Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Tgt Ion:149 Resp: 958596

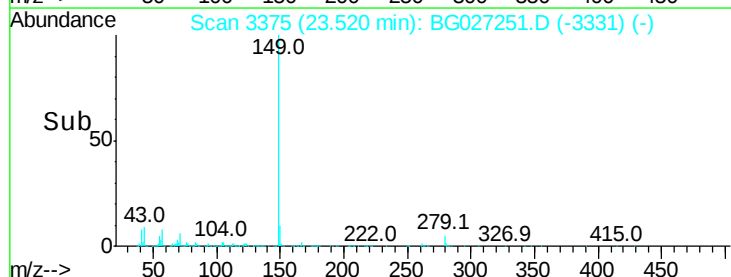
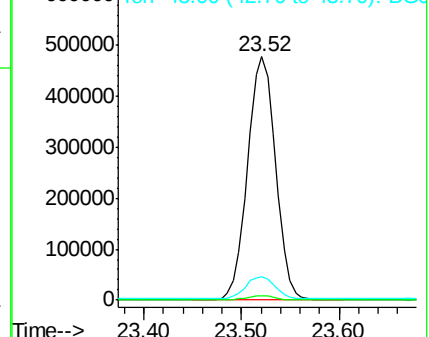
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.3	11.8	17.6

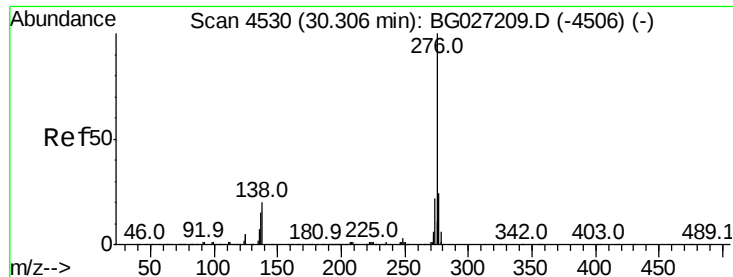


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

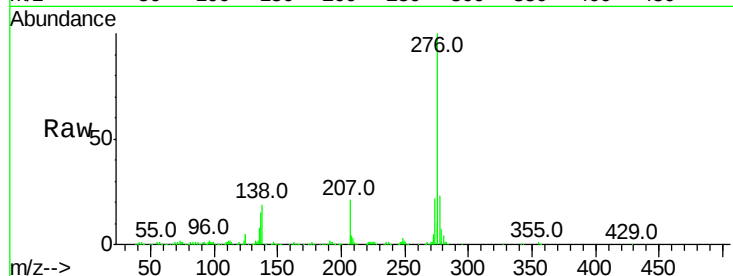




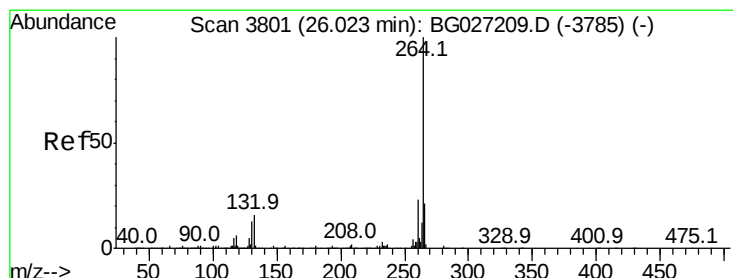
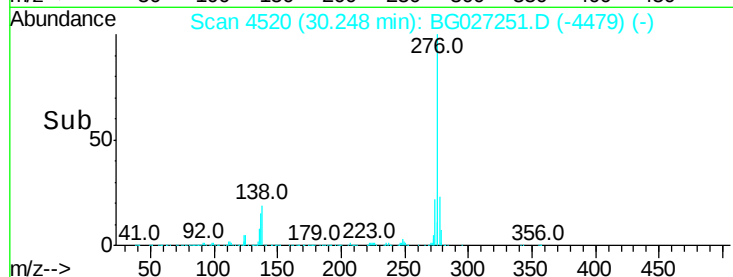
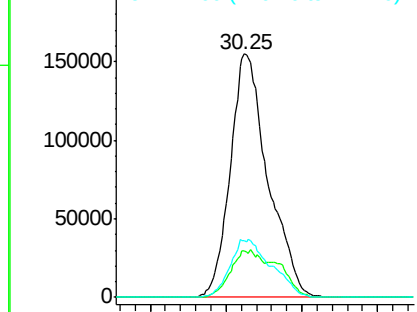
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.92 ng
RT: 30.25 min Scan# 4520
Delta R.T. -0.06 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Tot Ion:276 Resp: 1073435
Ion Ratio Lower Upper
276 100
138 9.5 4.7 7.1#
277 10.8 20.6 31.0#

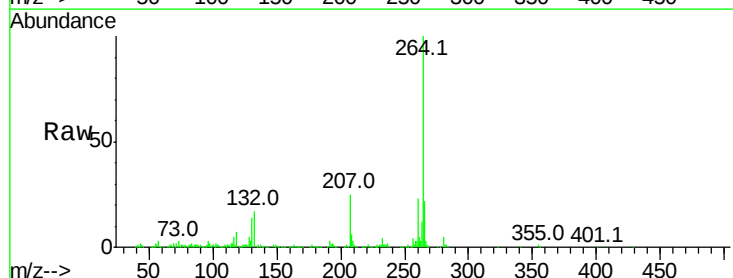


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

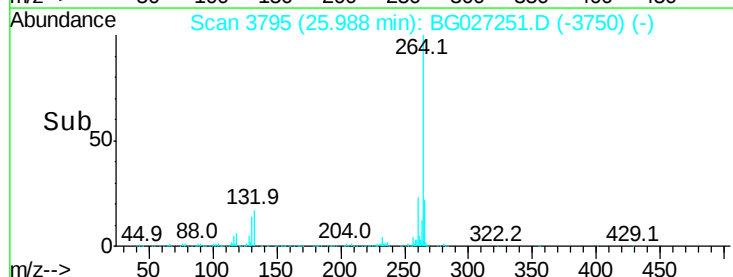
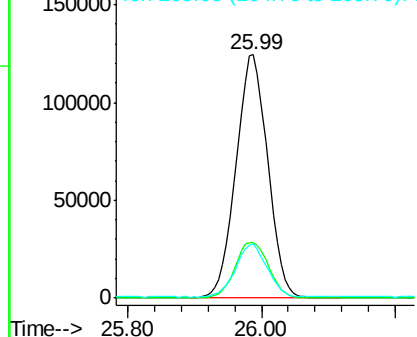


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.99 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BG027251.D
Acq: 6 Jun 2017 16:14

Tgt Ion:264 Resp: 411107
Ion Ratio Lower Upper
264 100
260 22.7 21.8 32.8
265 22.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.44 ng

RT: 24.80 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

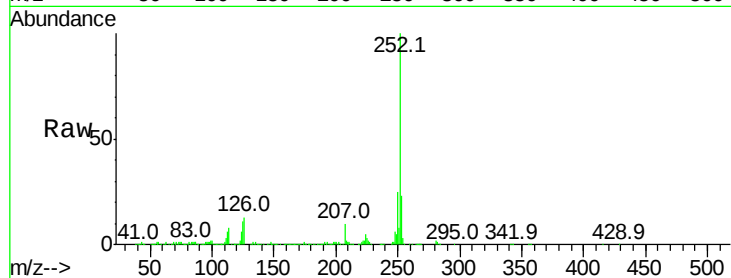
Tot Ion:252 Resp: 928971

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

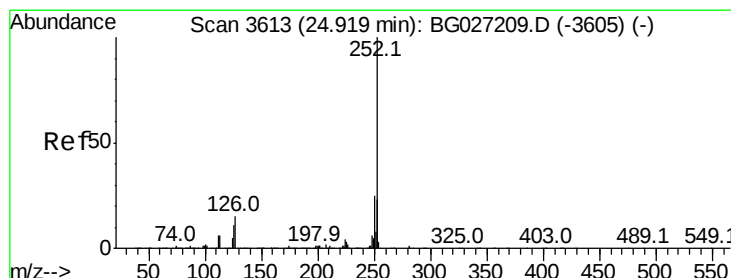
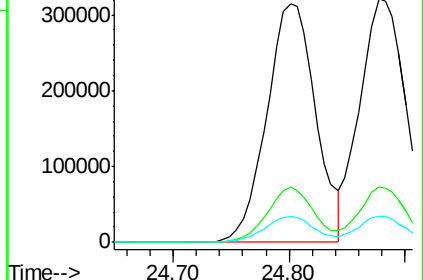
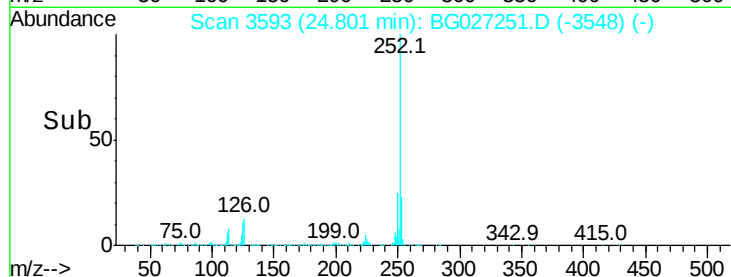
125 11.0 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.56 ng

RT: 24.88 min Scan# 3606

Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

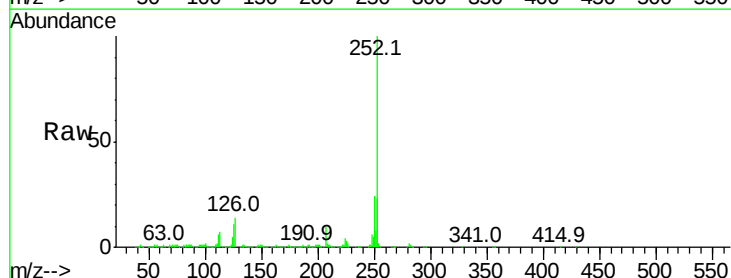
Tgt Ion:252 Resp: 889491

Ion Ratio Lower Upper

252 100

253 22.8 20.2 30.2

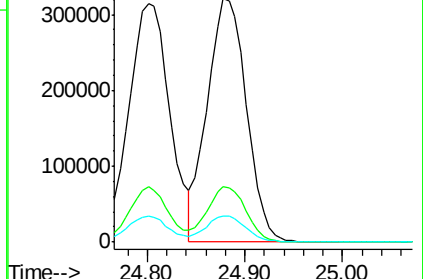
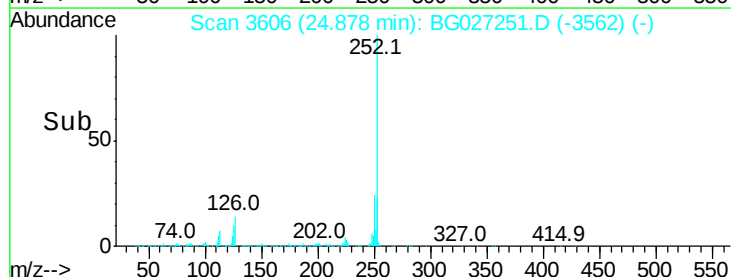
125 10.7 5.1 7.7#

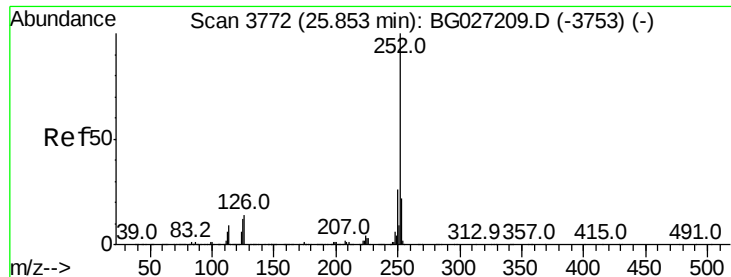


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.92 ng

RT: 25.81 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

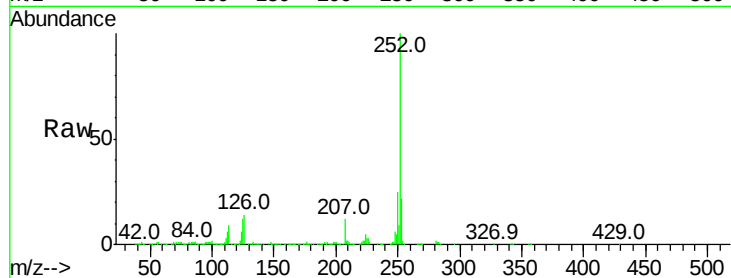
Tot Ion:252 Resp: 886074

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

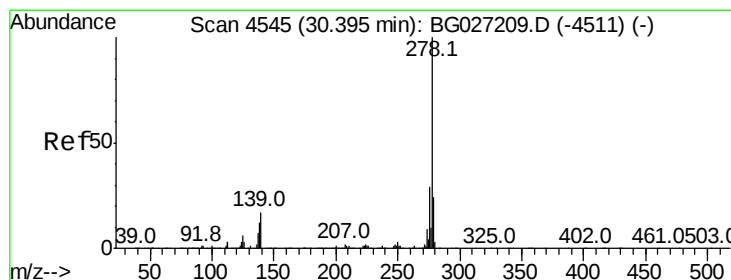
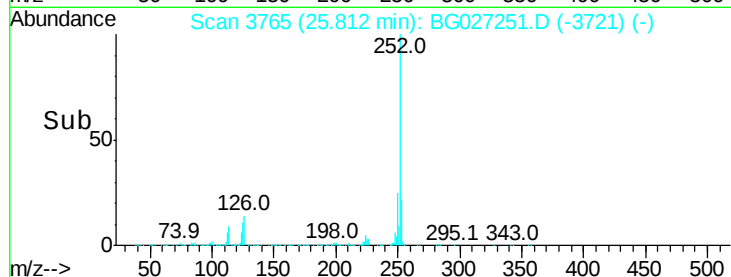
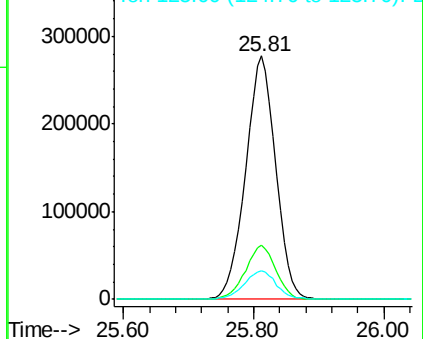
125 11.8 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.34 ng

RT: 30.33 min Scan# 4534

Delta R.T. -0.06 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

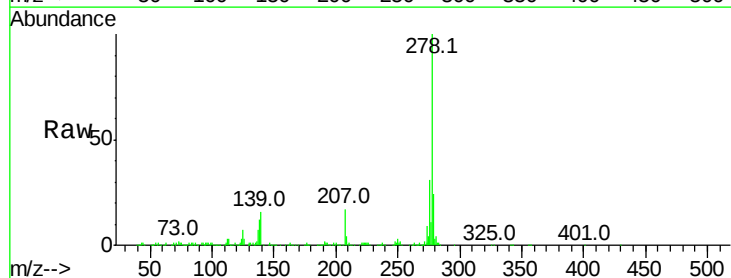
Tgt Ion:278 Resp: 912994

Ion Ratio Lower Upper

278 100

139 15.7 7.7 11.5#

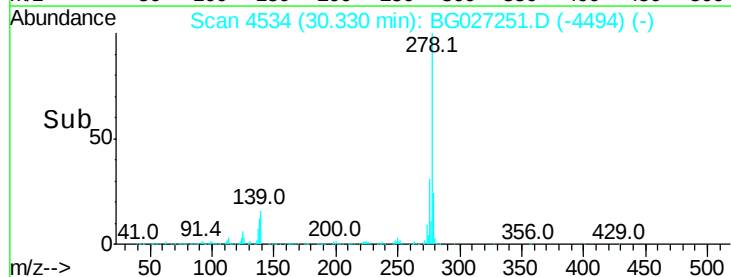
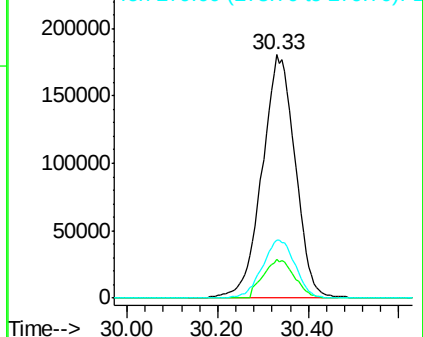
279 23.8 19.1 28.7

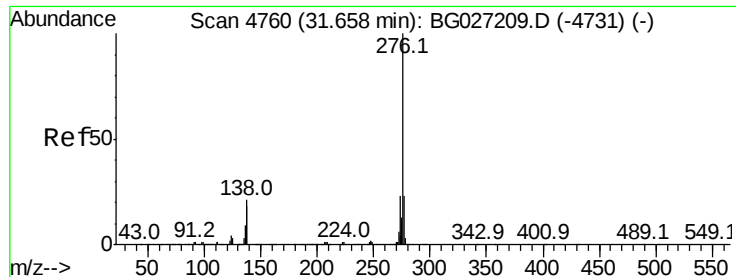


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.81 ng

RT: 31.59 min Scan# 4749

Delta R.T. -0.06 min

Lab File: BG027251.D

Acq: 6 Jun 2017 16:14

Instrument :

BNA_G

ClientSampleId :

COMP-1MSD

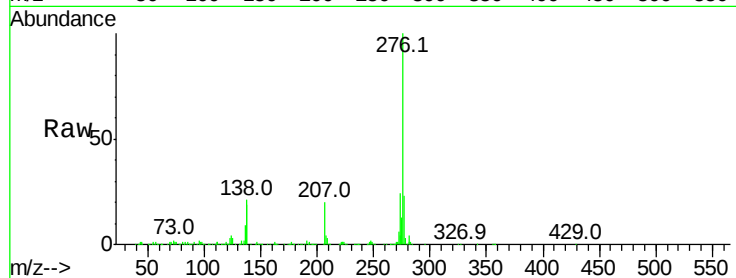
Tot Ion:276 Resp: 871364

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 21.4 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

