

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027582.D
 Acq On : 22 Jun 2017 5:47
 Operator : SJ/JU
 Sample : PB99860BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 07:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19265	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	92030	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	61453	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	176649	20.00	ng	0.00
75) Chrysene-d12	22.21	240	203235	20.00	ng	0.00
86) Perylene-d12	25.84	264	190492	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	192966	142.56	ng	0.00
7) Phenol-d6	7.64	99	271929	135.70	ng	0.00
23) Nitrobenzene-d5	9.67	82	168918	86.85	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	142212	155.23	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	386105	85.82	ng	0.00
78) Terphenyl-d14	20.41	244	784390	90.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.08	88	18601	35.39	ng	93
3) Pyridine	4.47	79	57608	33.86	ng	87
4) n-Nitrosodimethylamine	4.38	42	32624	42.02	ng	# 78
6) Aniline	7.83	93	70302	28.75	ng	94
8) 2-Chlorophenol	8.07	128	68197	47.61	ng	95
9) Benzaldehyde	7.64	77	23101	16.97	ng	96
10) Phenol	7.67	94	96782	47.41	ng	90
11) bis(2-Chloroethyl)ether	7.91	93	64195	40.18	ng	92
12) 1,3-Dichlorobenzene	8.40	146	60293	39.88	ng	97
13) 1,4-Dichlorobenzene	8.54	146	61851	40.52	ng	98
14) 1,2-Dichlorobenzene	8.86	146	59783	39.86	ng	96
15) Benzyl Alcohol	8.73	79	73107	45.69	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	99271	37.45	ng	93
17) 2-Methylphenol	8.92	107	62413	43.45	ng	95
18) Hexachloroethane	9.59	117	24350	40.68	ng	# 83
19) n-Nitroso-di-n-propylamine	9.29	70	59623	37.46	ng	88
20) 3+4-Methylphenols	9.24	107	86625	44.04	ng	93
22) Acetophenone	9.32	105	108290	42.91	ng	# 86
24) Nitrobenzene	9.71	77	88730	41.62	ng	97
25) Isophorone	10.22	82	164049	41.05	ng	98
26) 2-Nitrophenol	10.42	139	34606	43.89	ng	96
27) 2,4-Dimethylphenol	10.46	122	72198	48.48	ng	95
28) bis(2-Chloroethoxy)methane	10.70	93	94910	42.14	ng	98
29) 2,4-Dichlorophenol	10.96	162	64896	50.45	ng	99
30) 1,2,4-Trichlorobenzene	11.18	180	62434	42.46	ng	91
31) Naphthalene	11.37	128	207300	41.68	ng	99
32) Benzoic acid	10.57	122	46089	44.19	ng	88
33) 4-Chloroaniline	11.47	127	25791	12.23	ng	92
34) Hexachlorobutadiene	11.65	225	38000	42.76	ng	98
35) Caprolactam	12.24	113	16629	27.74	ng	# 82
36) 4-Chloro-3-methylphenol	12.55	107	99097	50.24	ng	97
37) 2-Methylnaphthalene	12.94	142	159588	44.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	81128	42.10	ng	97
40) Hexachlorocyclopentadiene	13.28	237	104290	100.96	ng	97

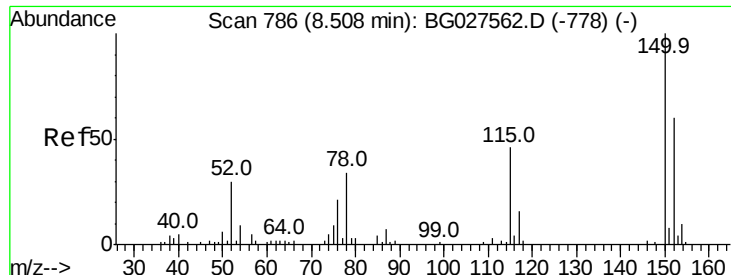
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	59529	47.80	nq	97
43) 2,4,5-Trichlorophenol	13.60	196	68412	46.75	nq	# 93
45) 1,1'-Biphenyl	13.93	154	215970	42.15	nq	98
46) 2-Chloronaphthalene	13.98	162	161249	42.31	nq	94
47) 2-Nitroaniline	14.17	65	78838	46.08	nq	93
48) Acenaphthylene	14.82	152	275267	41.22	nq	98
49) Dimethylphthalate	14.53	163	250430	46.54	nq	98
50) 2,6-Dinitrotoluene	14.65	165	56890	48.73	nq	94
51) Acenaphthene	15.15	154	225465	48.46	nq	97
52) 3-Nitroaniline	14.99	138	28330	22.99	nq	98
53) 2,4-Dinitrophenol	15.19	184	70393	106.67	nq	# 88
54) Dibenzofuran	15.48	168	279470	46.11	nq	98
55) 4-Nitrophenol	15.28	139	102206	99.05	nq	# 83
56) 2,4-Dinitrotoluene	15.44	165	83556	50.47	nq	# 99
57) Fluorene	16.14	166	250424	43.63	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.71	232	71661	55.61	nq	91
59) Diethylphthalate	15.88	149	282578	48.13	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	126036	44.62	nq	95
61) 4-Nitroaniline	16.15	138	64773	47.91	nq	# 84
62) Azobenzene	16.41	77	290060	48.18	nq	92
64) 4,6-Dinitro-2-methylphenol	16.20	198	48896	43.59	nq	77
65) n-Nitrosodiphenylamine	16.33	169	232004	42.84	nq	98
66) 4-Bromophenyl-phenylether	17.01	248	85305	43.91	nq	# 92
67) Hexachlorobenzene	17.14	284	88202	42.48	nq	97
68) Atrazine	17.27	200	93009	46.88	nq	98
69) Pentachlorophenol	17.48	266	119077	92.33	nq	95
70) Phenanthrene	17.88	178	440038	43.79	nq	94
71) Anthracene	17.97	178	443240	43.81	nq	95
72) Carbazole	18.24	167	394572	40.03	nq	96
73) Di-n-butylphthalate	18.76	149	502424	45.49	nq	# 95
74) Fluoranthene	19.87	202	515531	44.03	nq	94
76) Benzidine	20.04	184	153619	30.80	nq	97
77) Pyrene	20.24	202	534051	43.23	nq	94
79) Butylbenzylphthalate	21.11	149	234061	45.39	nq	97
80) Benzo(a)anthracene	22.19	228	524494	43.01	nq	93
81) 3,3'-Dichlorobenzidine	22.08	252	114282	25.92	nq	# 95
82) Chrysene	22.26	228	491815	42.57	nq	94
83) Bis(2-ethylhexyl)phthalate	22.04	149	335957	44.45	nq	97
84) Di-n-octyl phthalate	23.39	149	575042	45.74	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.04	276	594136	45.12	nq	# 92
87) Benzo(b)fluoranthene	24.68	252	514956	42.28	nq	# 96
88) Benzo(k)fluoranthene	24.75	252	521550	43.77	nq	# 93
89) Benzo(a)pyrene	25.67	252	500463	43.54	nq	# 95
90) Dibenzo(a,h)anthracene	30.10	278	506556	43.27	nq	# 96
91) Benzo(g,h,i)perylene	31.36	276	487138	42.84	nq	# 93

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

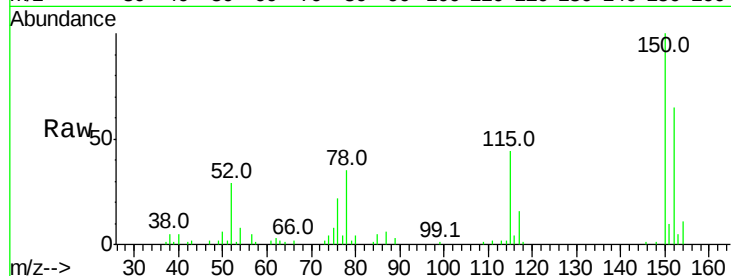


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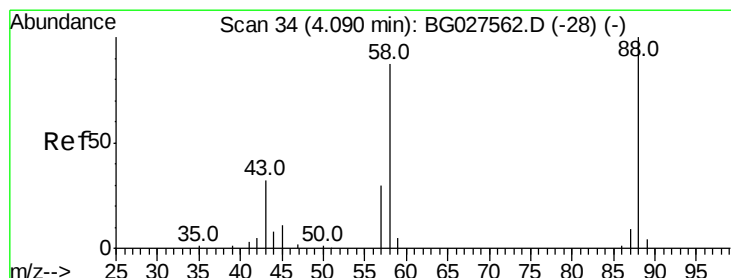
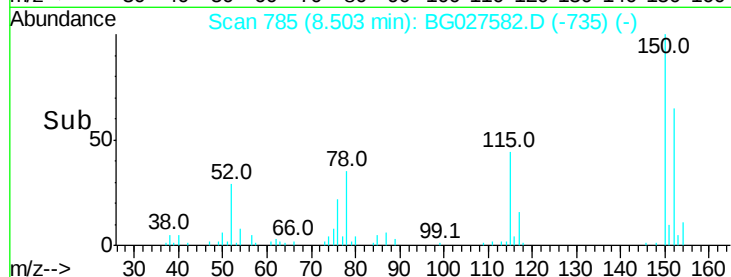
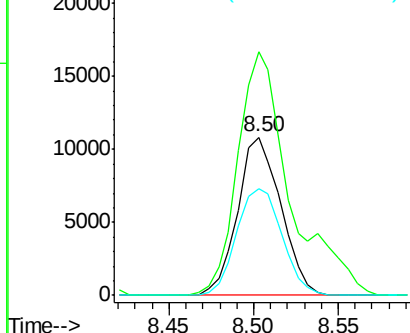
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19265
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 67.6 48.1 72.1



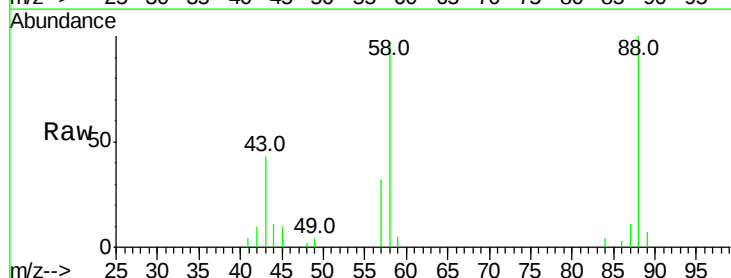
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



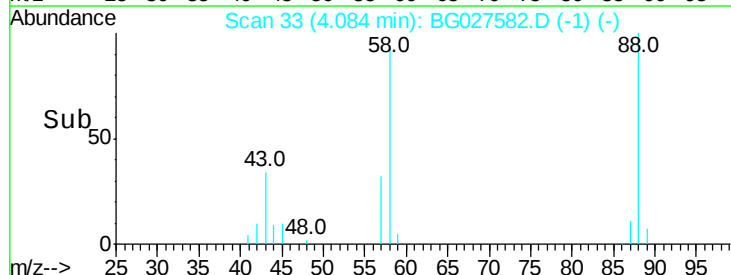
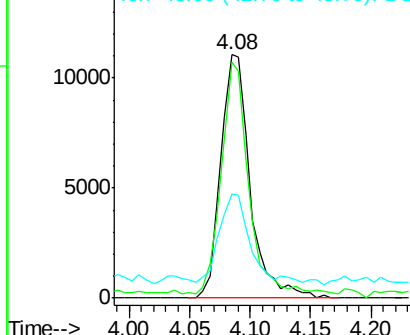
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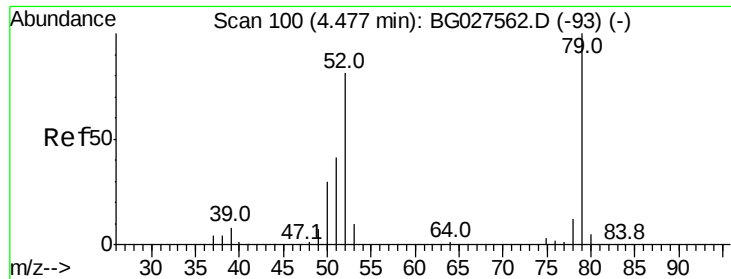
1,4-Dioxane
Concen: 35.39 ng
RT: 4.08 min Scan# 33
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion: 88 Resp: 18601
Ion Ratio Lower Upper
88 100
58 89.2 79.4 119.2
43 41.6 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: 33.86 ng

RT: 4.47 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

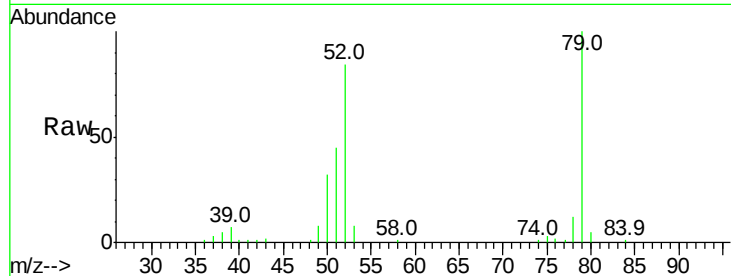
Tot Ion: 79 Resp: 57608

Ion Ratio Lower Upper

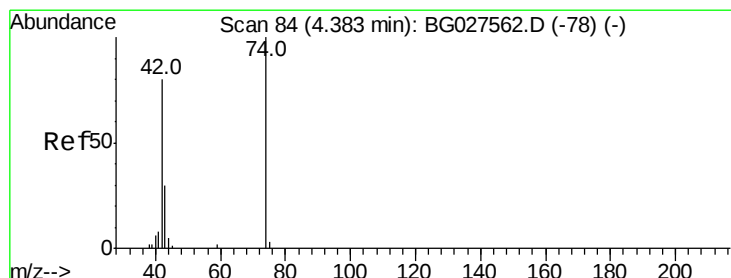
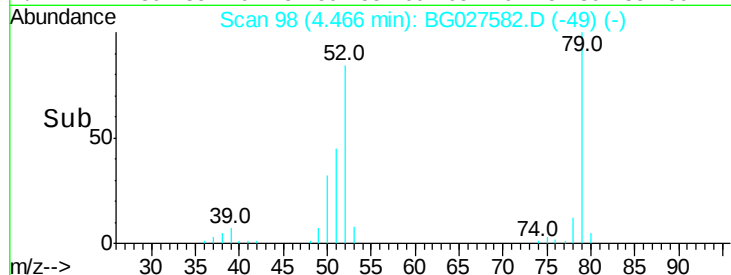
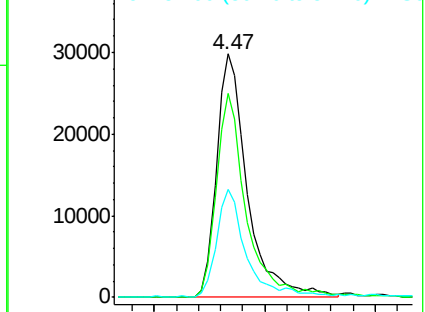
79 100

52 84.0 77.8 116.6

51 44.6 43.2 64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.02 ng

RT: 4.38 min Scan# 83

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

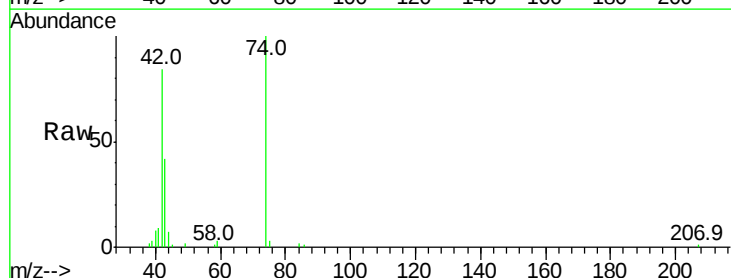
Tgt Ion: 42 Resp: 32624

Ion Ratio Lower Upper

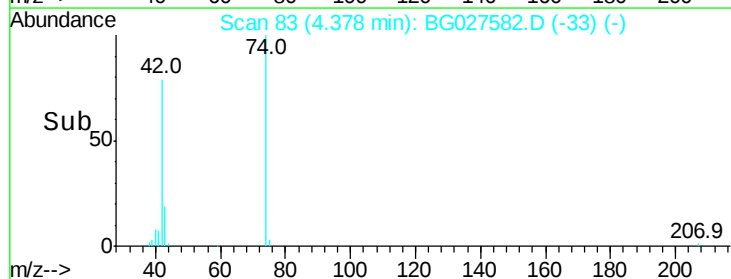
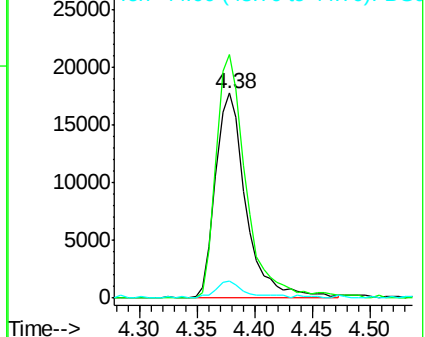
42 100

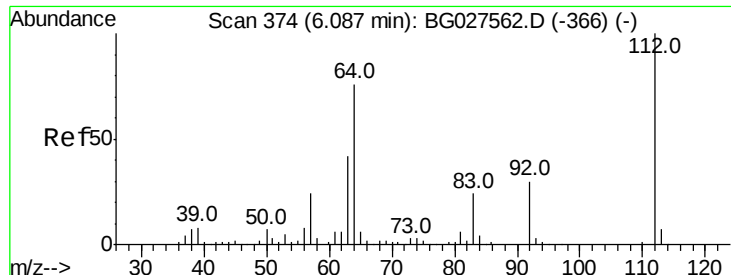
74 118.9 76.7 115.1#

44 8.2 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC

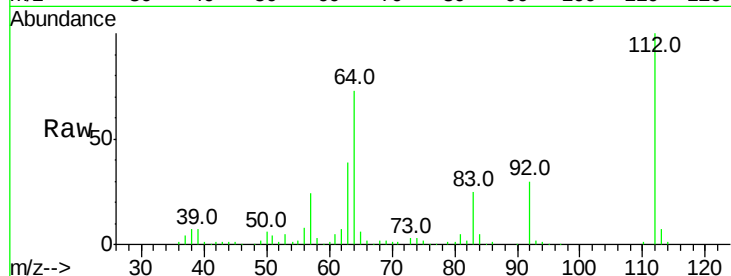




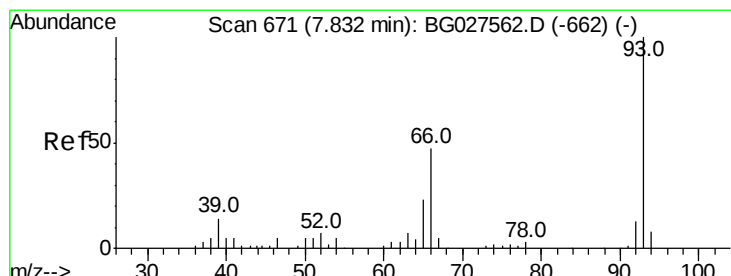
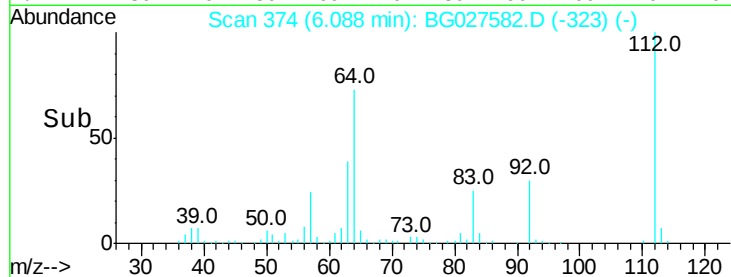
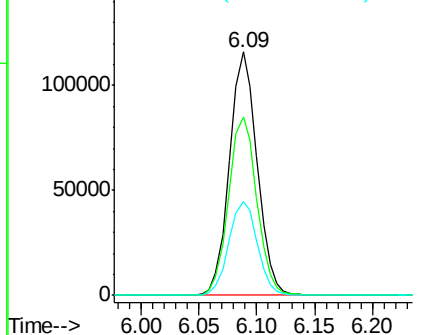
#5
 2-Fluorophenol
 Concen: 142.56 ng
 RT: 6.09 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	112	Resp:	192966
Ion Ratio	Lower	Upper	
112	100		
64	73.4	61.8	92.6
63	38.8	37.2	55.8

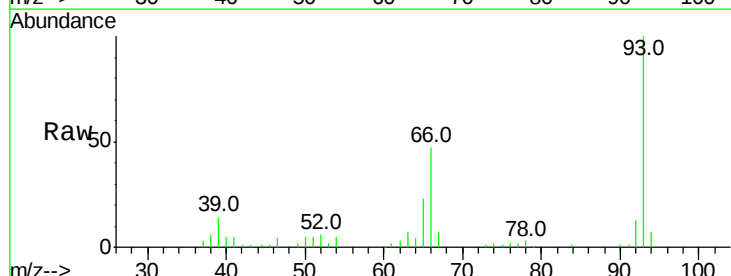


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

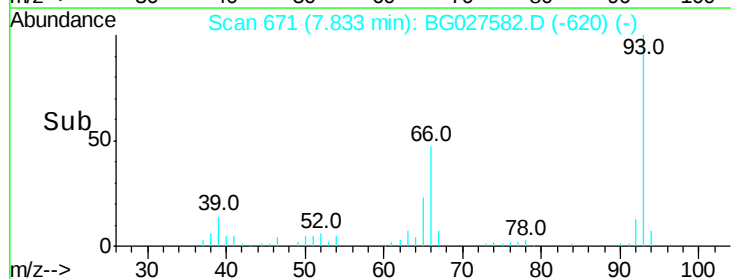
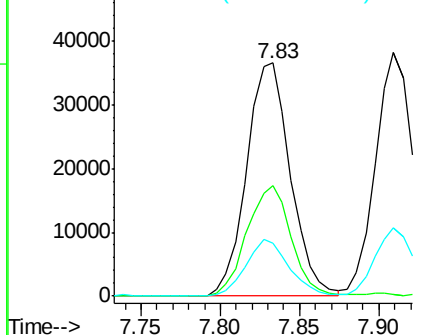


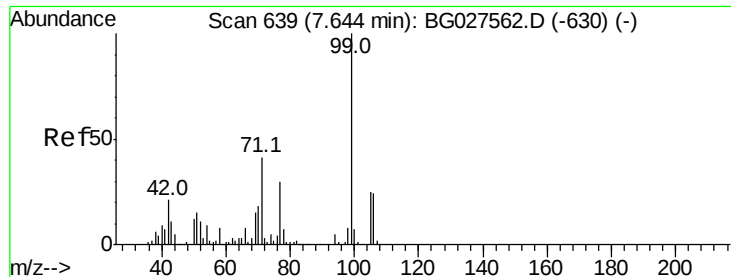
#6
 Aniline
 Concen: 28.75 ng
 RT: 7.83 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:	93	Resp:	70302
Ion Ratio	Lower	Upper	
93	100		
66	47.5	35.4	53.2
65	22.7	21.2	31.8



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





#7

Phenol-d6

Concen: 135.70 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

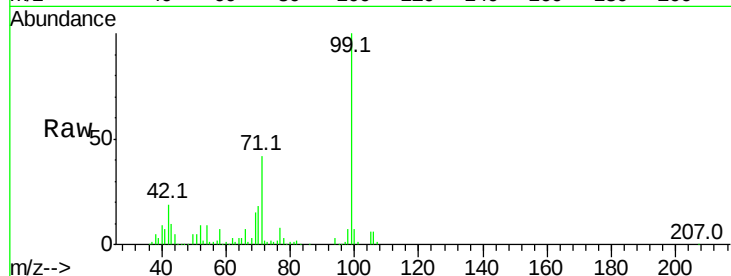
Tot Ion: 99 Resp: 271929

Ion Ratio Lower Upper

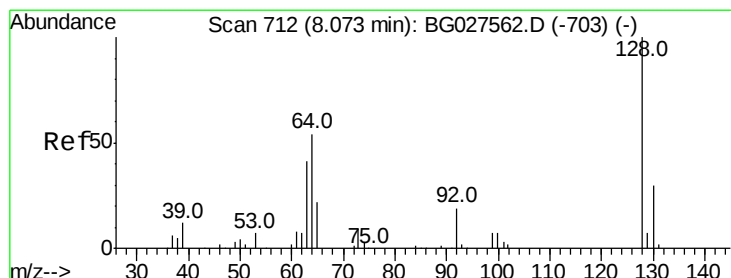
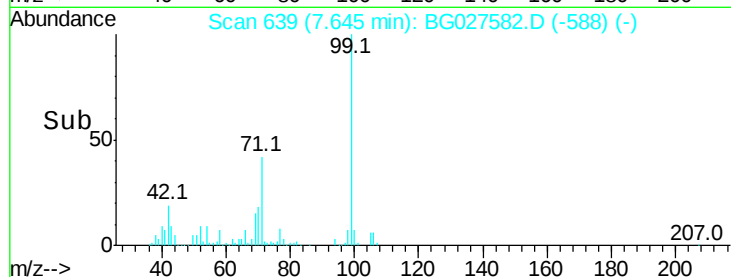
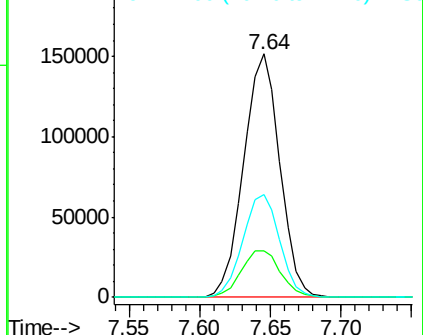
99 100

42 19.3 20.5 30.7#

71 42.3 37.6 56.4



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



#8

2-Chlorophenol

Concen: 47.61 ng

RT: 8.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

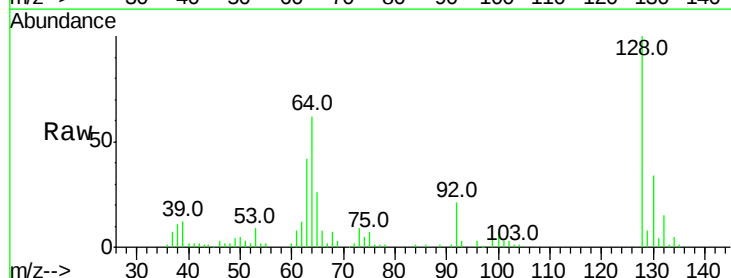
Tgt Ion: 128 Resp: 68197

Ion Ratio Lower Upper

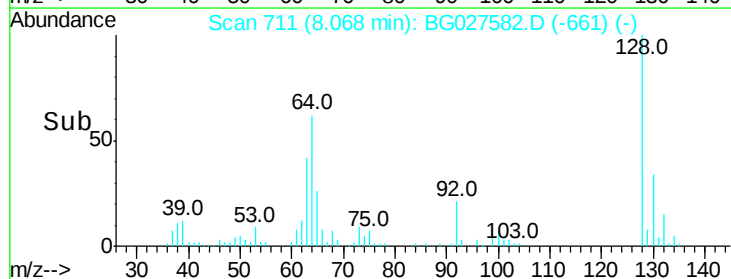
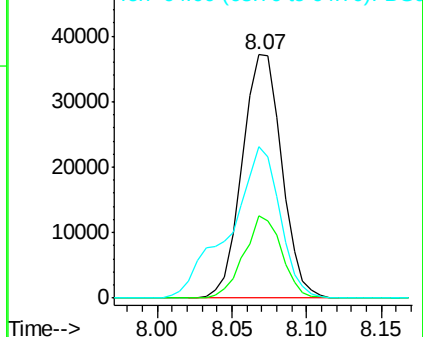
128 100

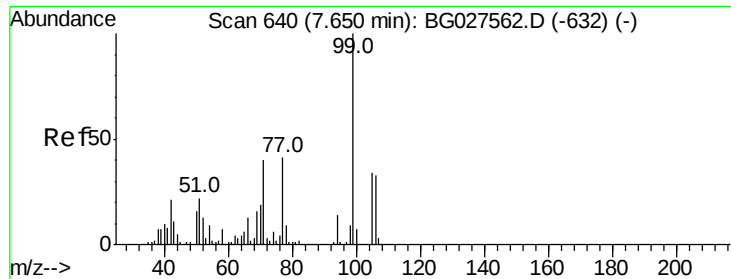
130 33.8 11.4 51.4

64 62.0 46.6 86.6



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





#9

Benzaldehyde

Concen: 16.97 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

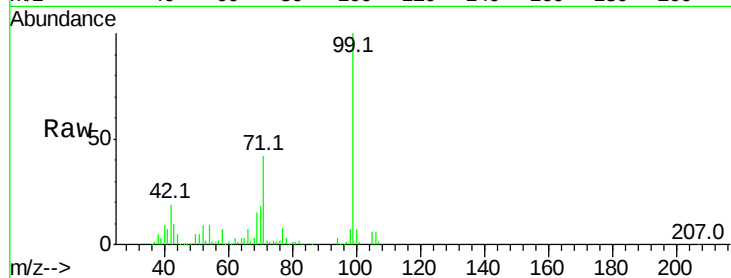
Tot Ion: 77 Resp: 23101

Ion Ratio Lower Upper

77 100

105 79.4 60.9 100.9

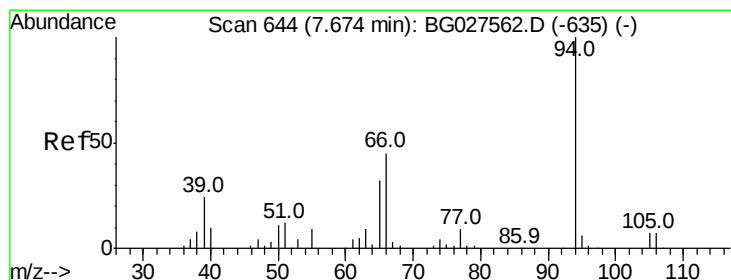
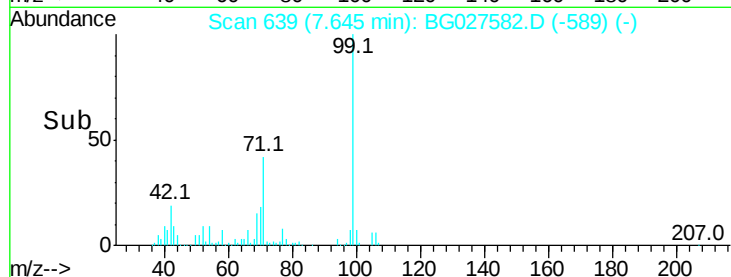
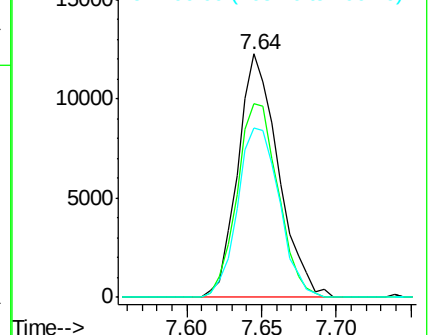
106 69.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.41 ng

RT: 7.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

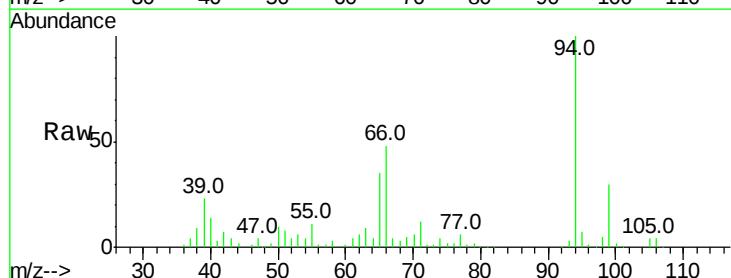
Tgt Ion: 94 Resp: 96782

Ion Ratio Lower Upper

94 100

65 34.6 20.6 60.6

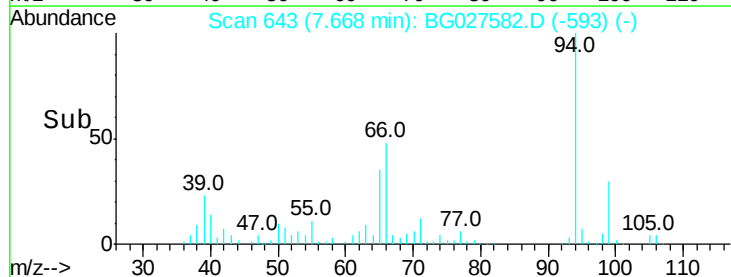
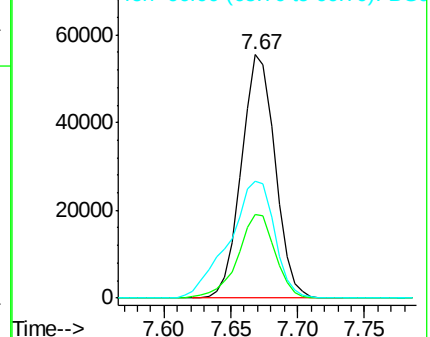
66 47.8 35.5 75.5

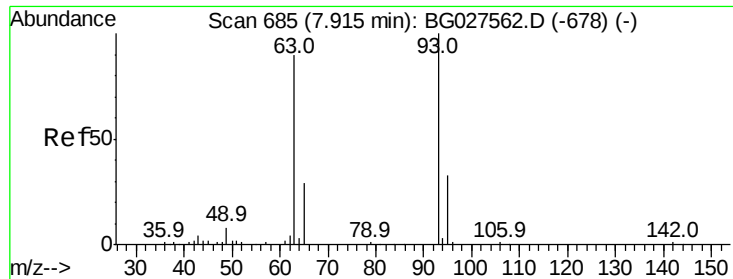


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampled :

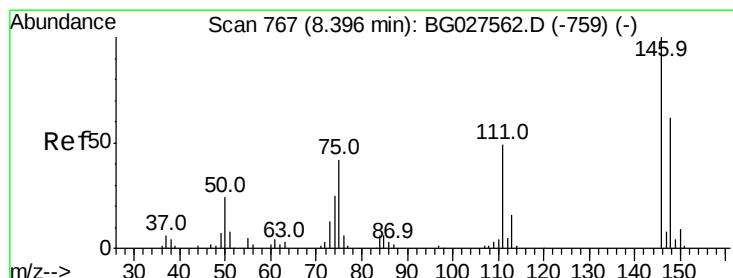
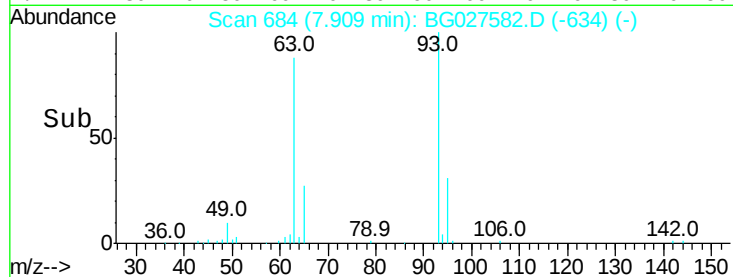
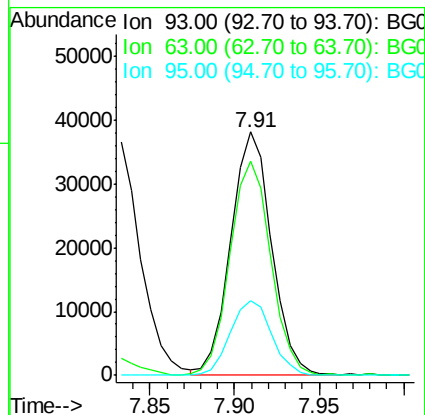
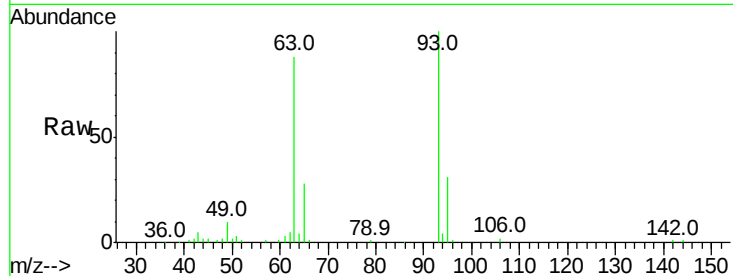
Tot Ion: 93 Resp: 64195

Ion Ratio Lower Upper

93 100

63 88.0 78.5 118.5

95 30.7 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 39.88 ng

RT: 8.40 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

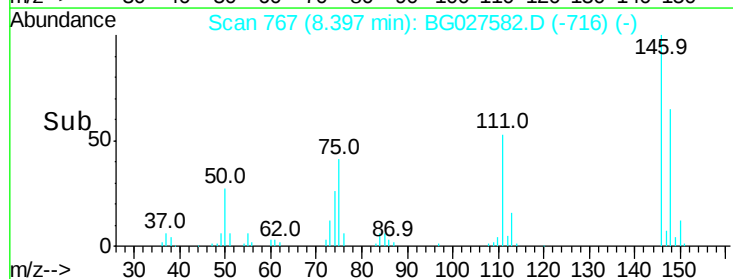
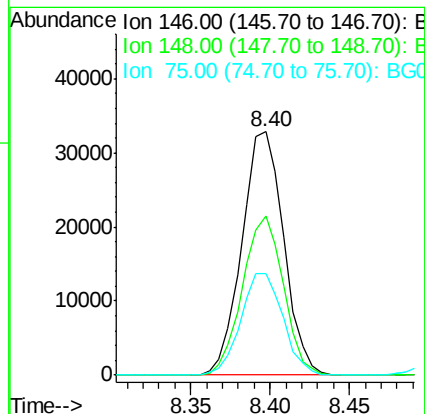
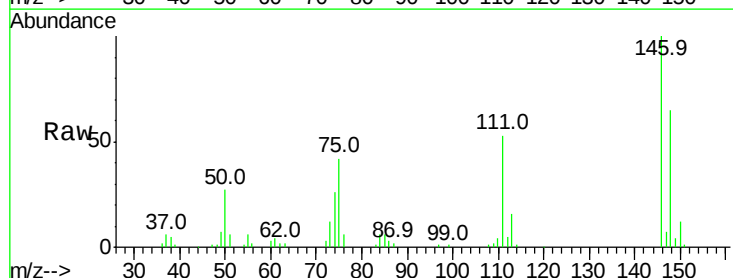
Tgt Ion: 146 Resp: 60293

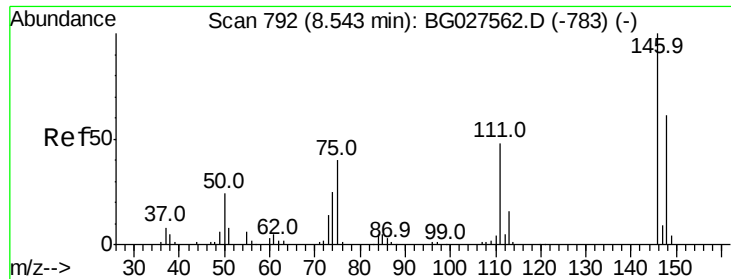
Ion Ratio Lower Upper

146 100

148 65.3 49.2 73.8

75 41.6 33.4 50.2

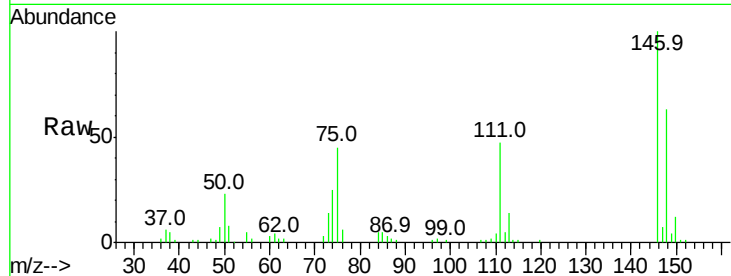




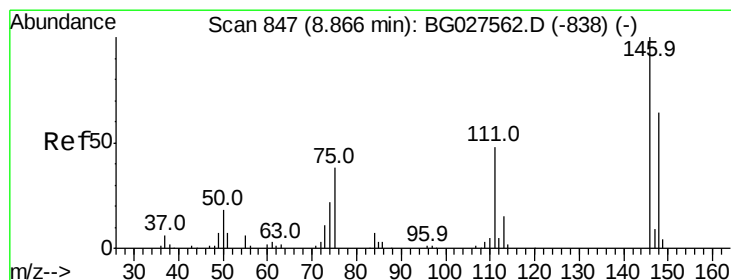
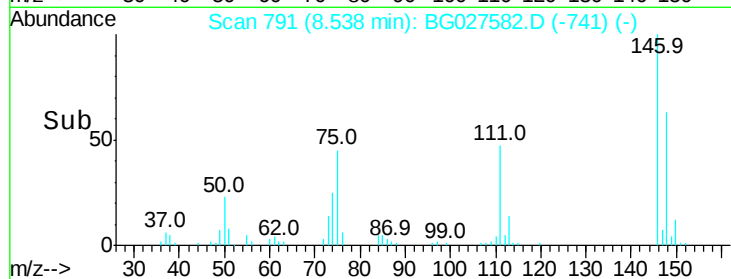
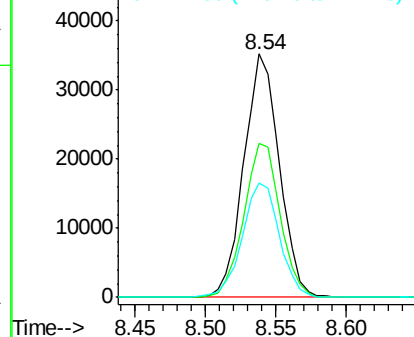
#13
 1,4-Dichlorobenzene
 Concen: 40.52 ng
 RT: 8.54 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 61851
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 46.8 37.0 55.6

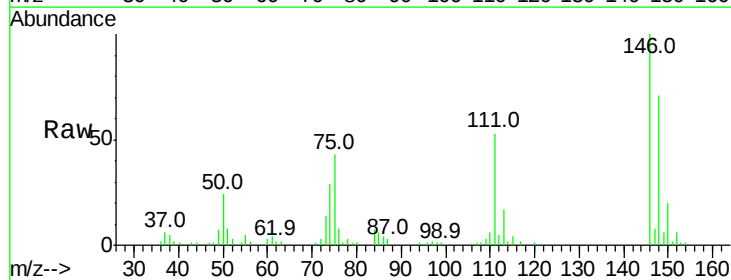


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

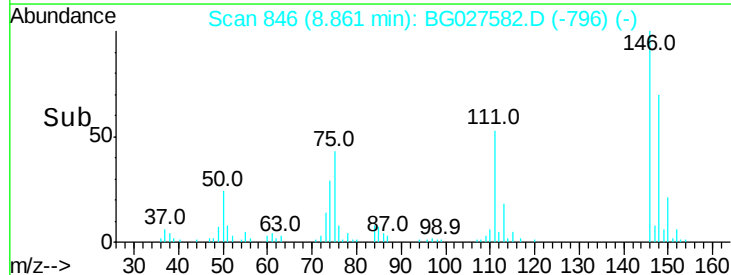
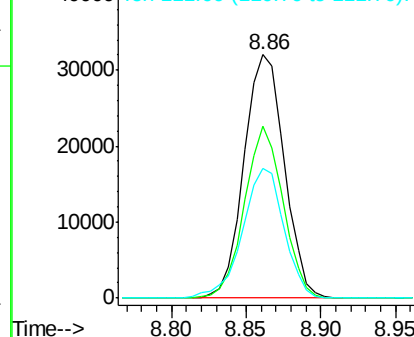


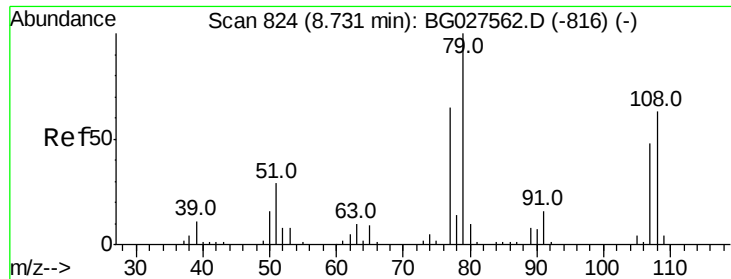
#14
 1,2-Dichlorobenzene
 Concen: 39.86 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:146 Resp: 59783
 Ion Ratio Lower Upper
 146 100
 148 70.8 54.6 81.8
 111 53.1 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 45.69 ng

RT: 8.73 min Scan# 824

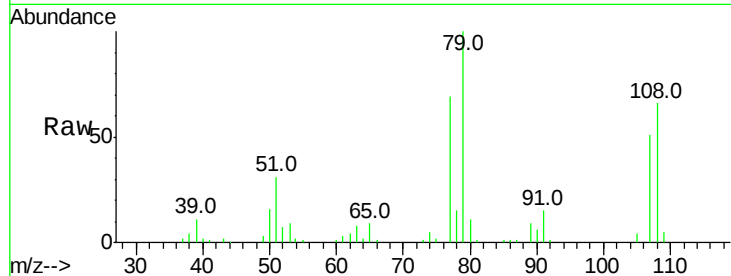
Delta R.T. 0.00 min

Lab File: BG027582.D

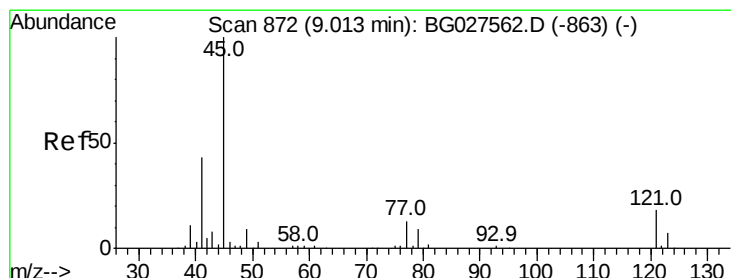
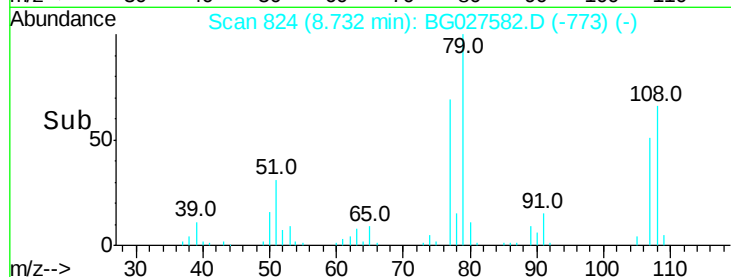
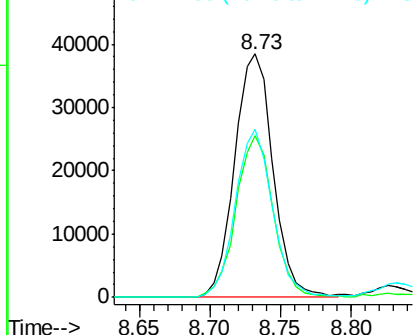
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	79	Resp:	73107
Ion	Ratio	Lower	Upper
79	100		
108	66.3	45.5	68.3
77	68.8	54.3	81.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.45 ng

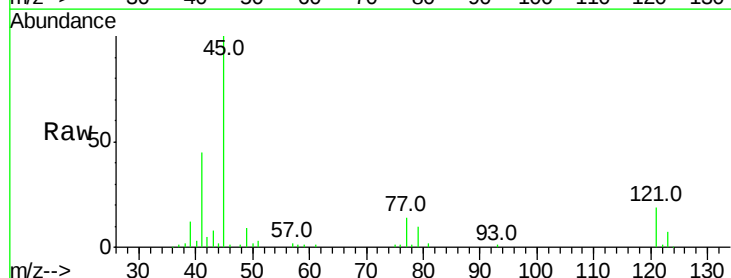
RT: 9.01 min Scan# 872

Delta R.T. 0.00 min

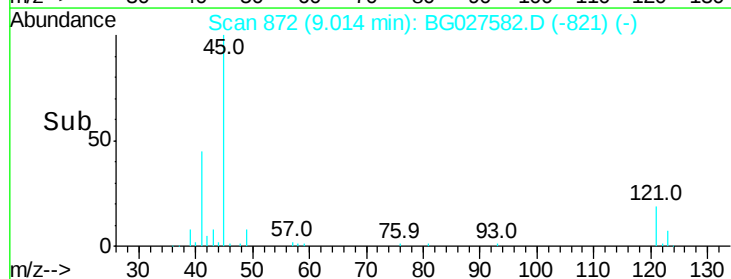
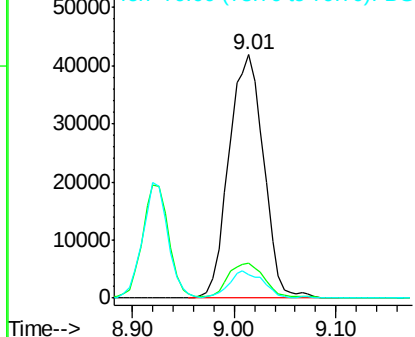
Lab File: BG027582.D

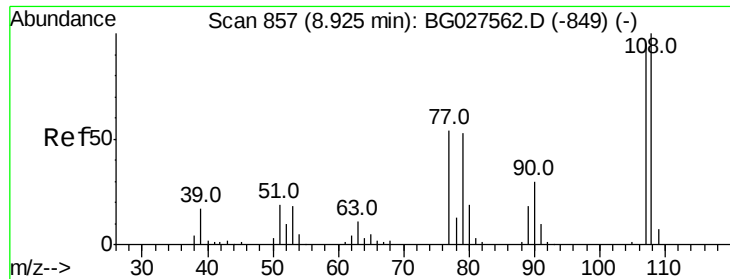
Acq: 22 Jun 2017 5:47

Tgt Ion:	45	Resp:	99271
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.6
79	9.8	0.0	28.5



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

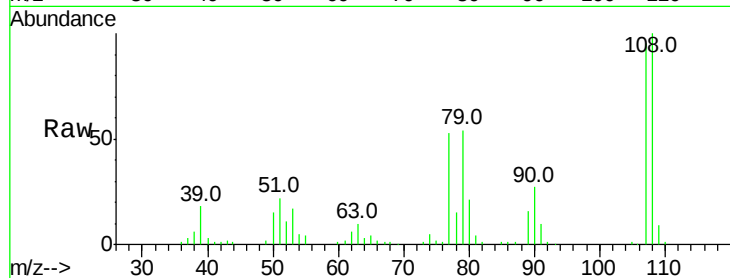




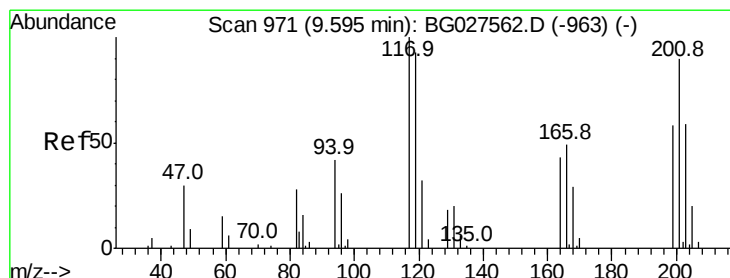
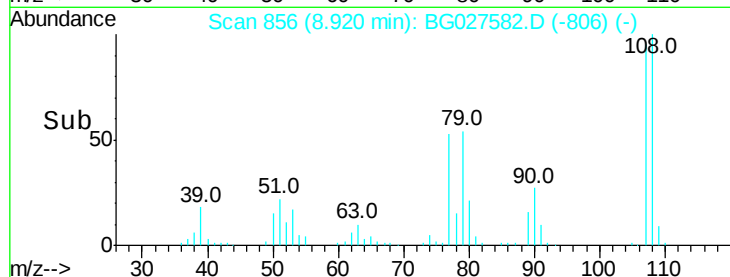
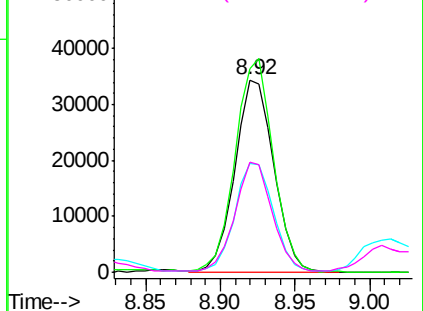
#17
2-Methylphenol
Concen: 43.45 ng
RT: 8.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 62413
Ion Ratio Lower Upper
107 100
108 105.5 85.6 128.4
77 56.2 51.4 77.2
79 57.5 49.2 73.8

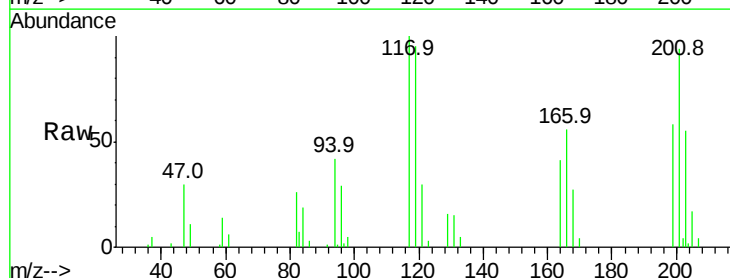


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

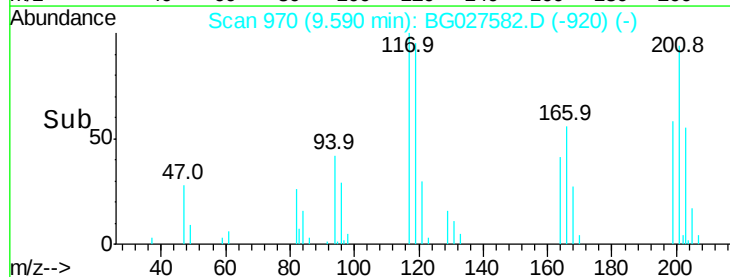
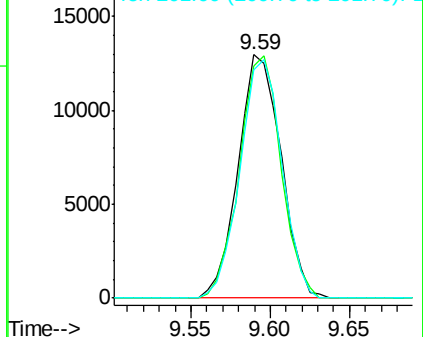


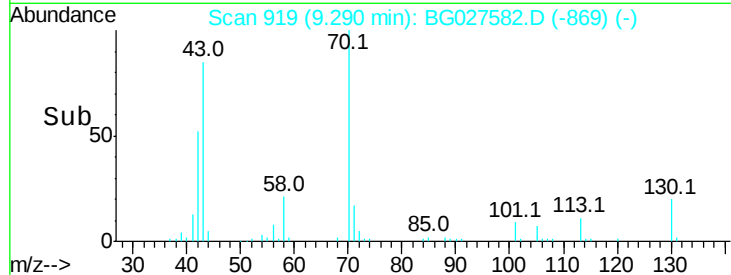
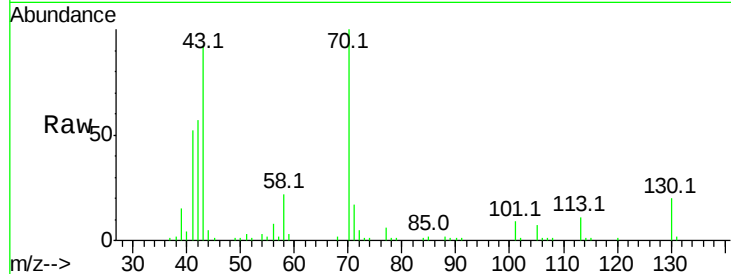
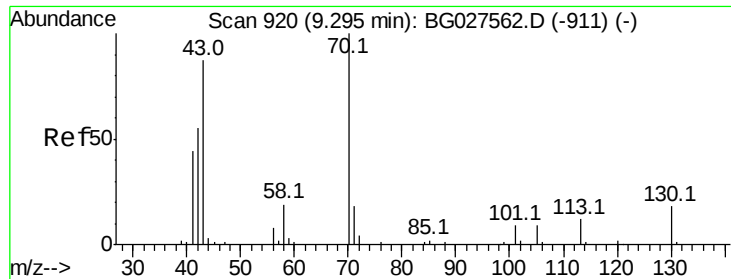
#18
Hexachloroethane
Concen: 40.68 ng
RT: 9.59 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:117 Resp: 24350
Ion Ratio Lower Upper
117 100
119 95.5 69.8 104.6
201 93.9 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

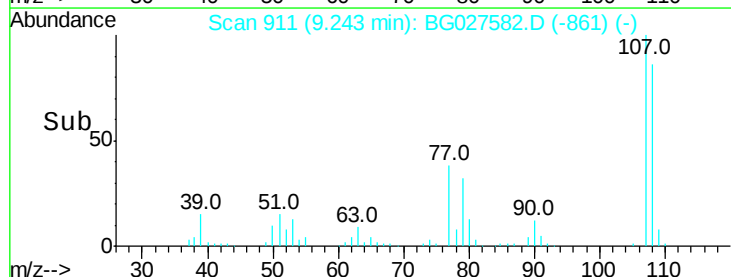
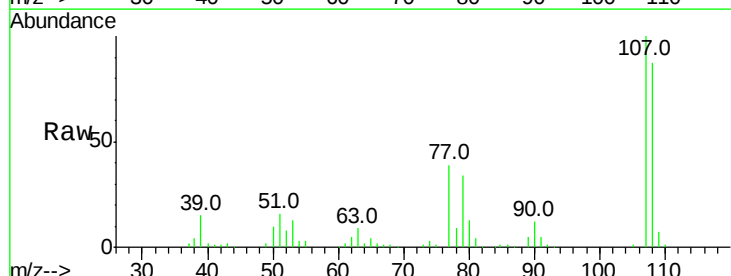
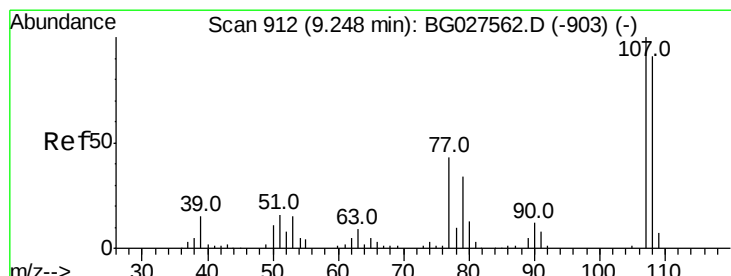
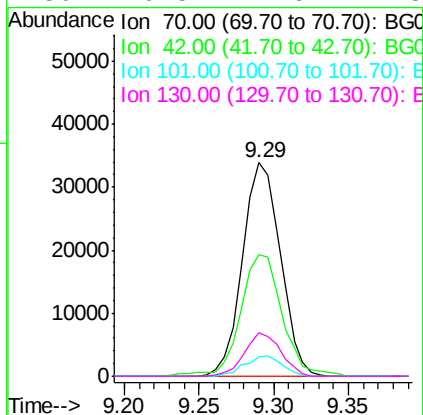




#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 9.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

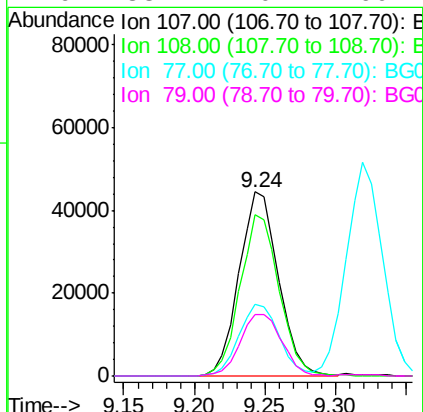
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	59623
Ion	Ratio	Lower	Upper
70	100		
42	56.9	56.1	84.1
101	9.3	7.5	11.3
130	20.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.04 ng
RT: 9.24 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:	107	Resp:	86625
Ion	Ratio	Lower	Upper
107	100		
108	87.4	70.8	110.8
77	38.8	25.8	65.8
79	33.7	20.1	60.1

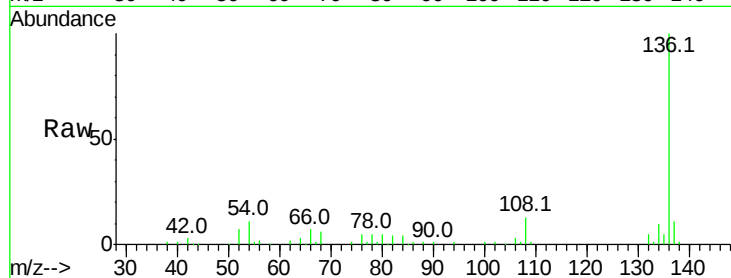




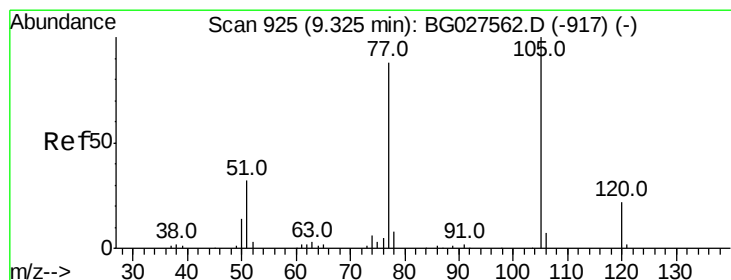
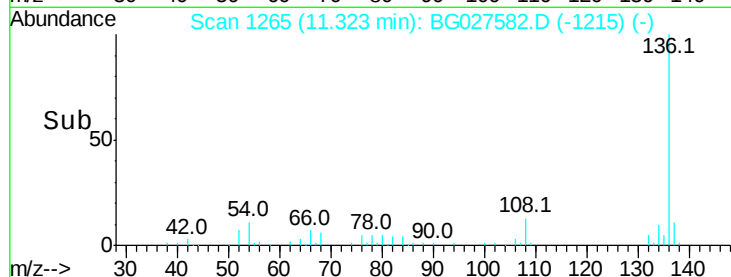
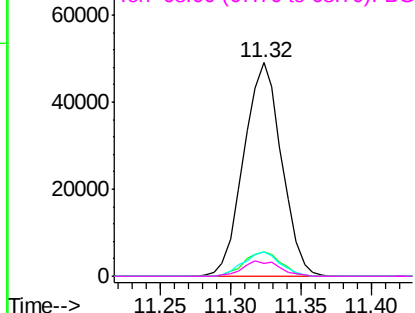
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	92030
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	11.3	9.3 13.9
68	6.0	5.1 7.7

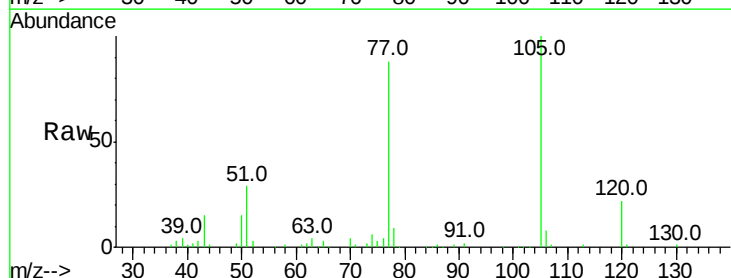


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

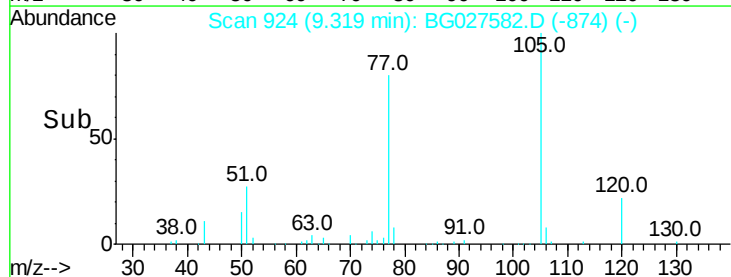
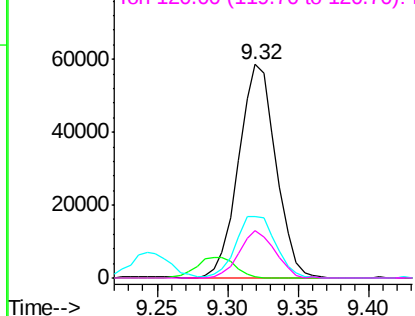


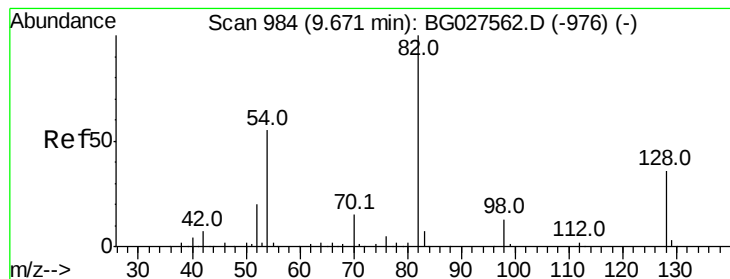
#22
Acetophenone
Concen: 42.91 ng
RT: 9.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:105	Resp:	108290
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.9 1.3#
51	29.0	34.0 51.0#
120	22.3	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: 86.85 ng

RT: 9.67 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampled :

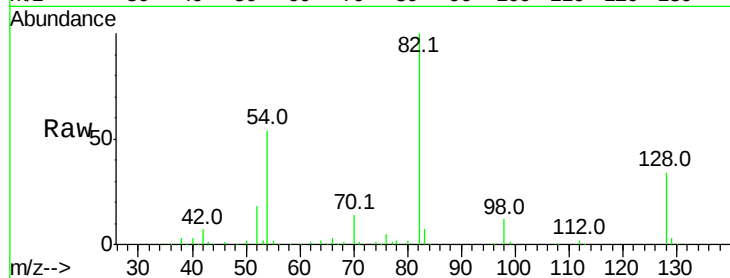
Tot Ion: 82 Resp: 168918

Ion Ratio Lower Upper

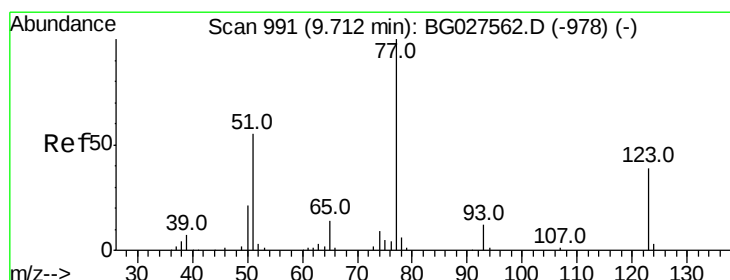
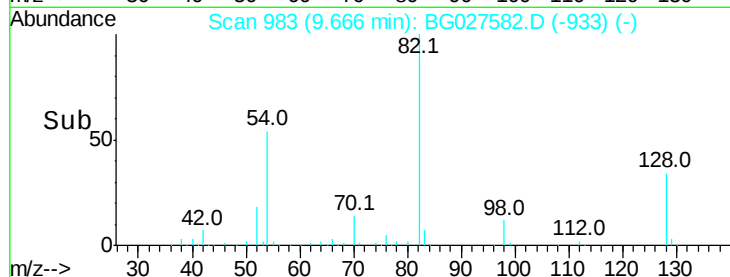
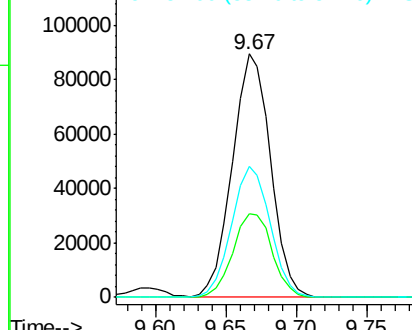
82 100

128 34.4 26.4 39.6

54 53.9 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: 41.62 ng

RT: 9.71 min Scan# 990

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

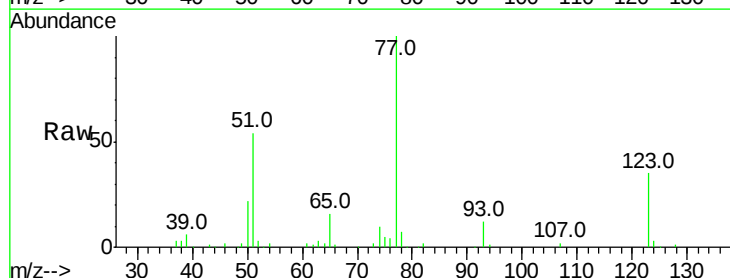
Tgt Ion: 77 Resp: 88730

Ion Ratio Lower Upper

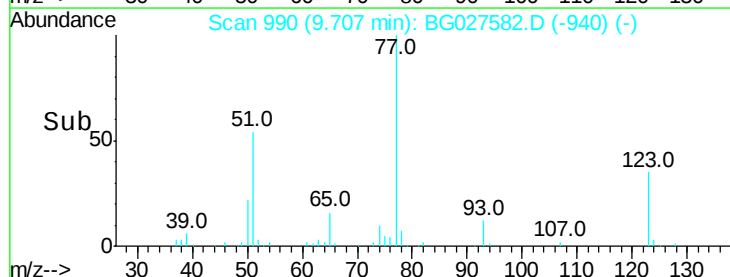
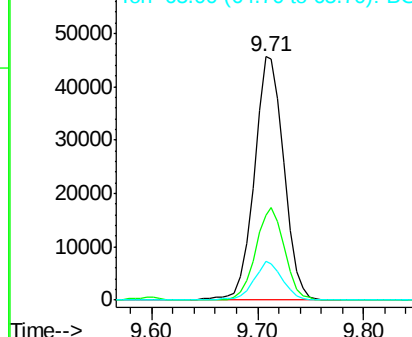
77 100

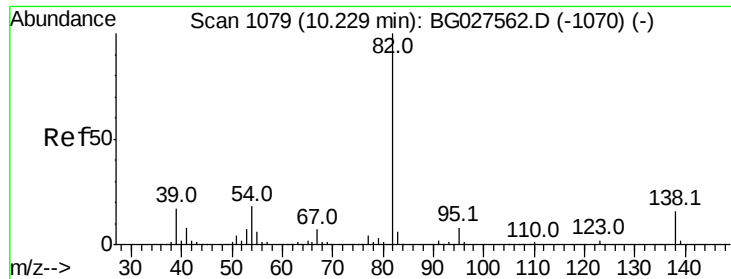
123 34.7 26.1 39.1

65 16.1 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: 41.05 ng

RT: 10.22 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

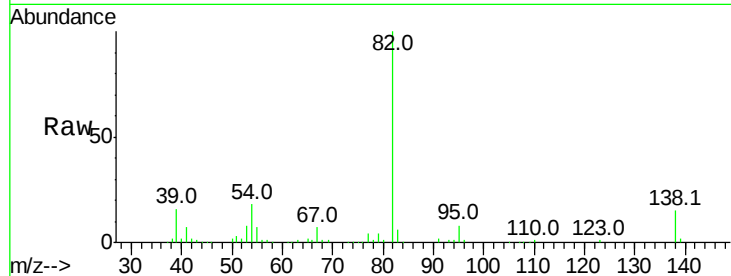
Tot Ion: 82 Resp: 164049

Ion Ratio Lower Upper

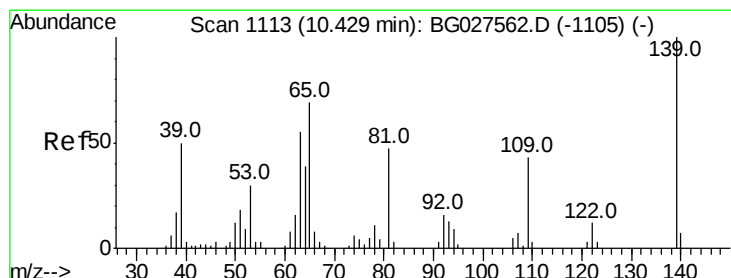
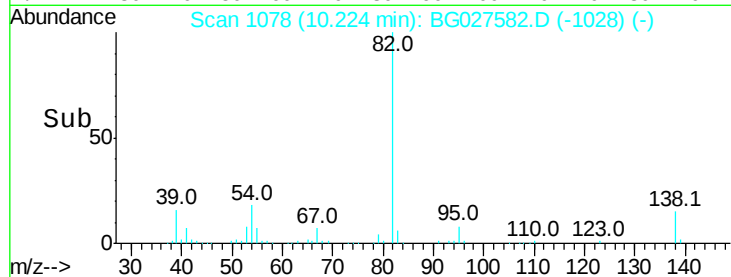
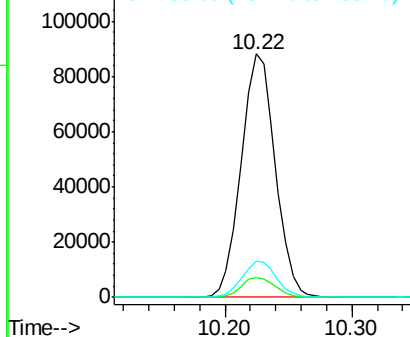
82 100

95 8.0 7.5 11.3

138 14.7 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: 43.89 ng

RT: 10.42 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

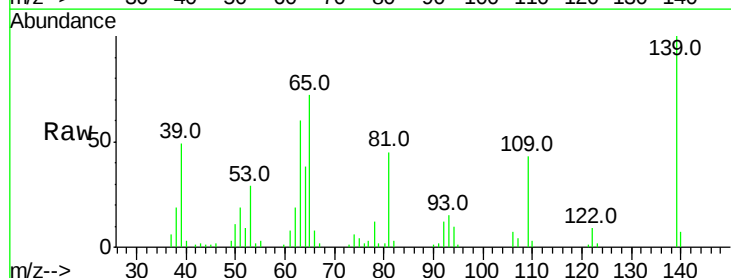
Tgt Ion: 139 Resp: 34606

Ion Ratio Lower Upper

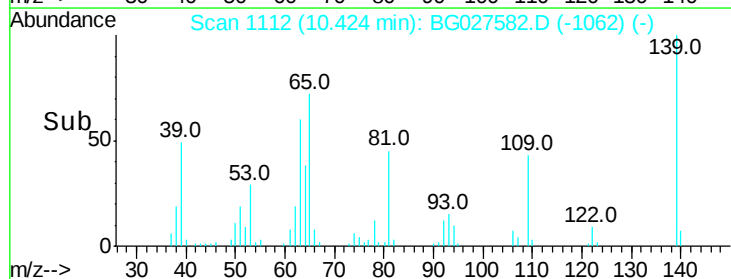
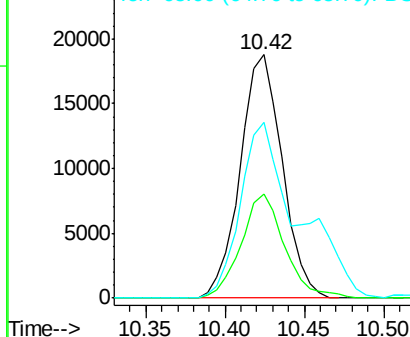
139 100

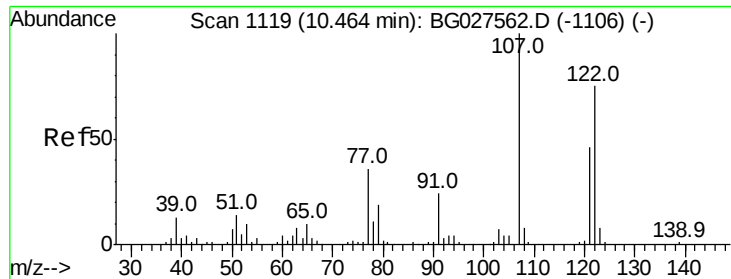
109 42.7 38.6 58.0

65 72.2 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

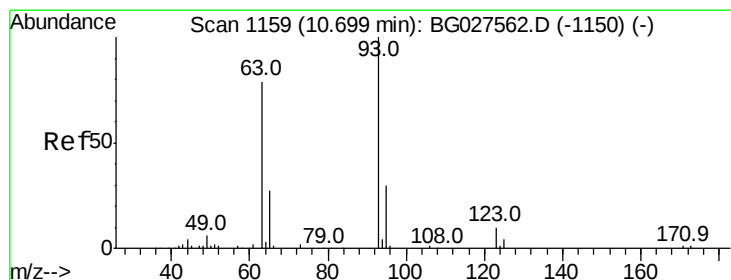
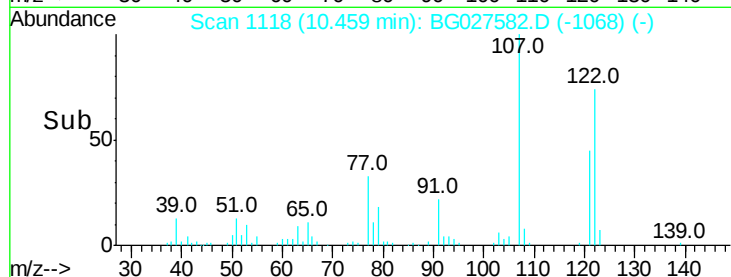
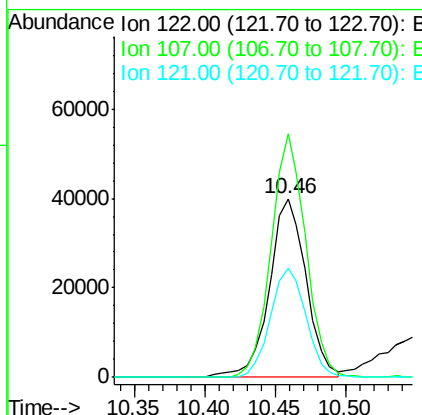
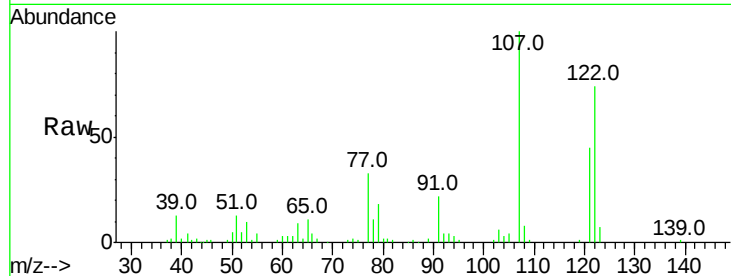




#27
 2,4-Dimethylphenol
 Concen: 48.48 ng
 RT: 10.46 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

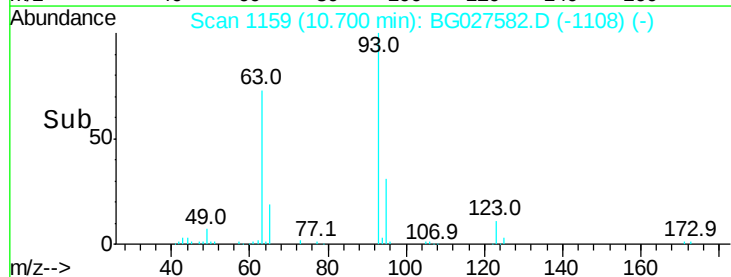
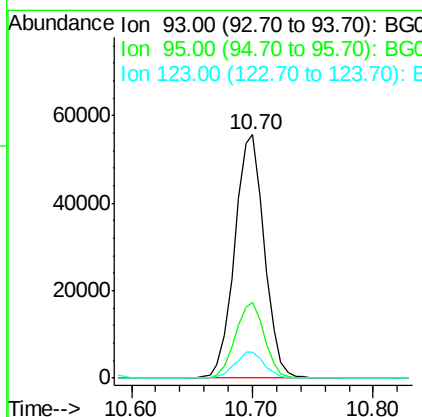
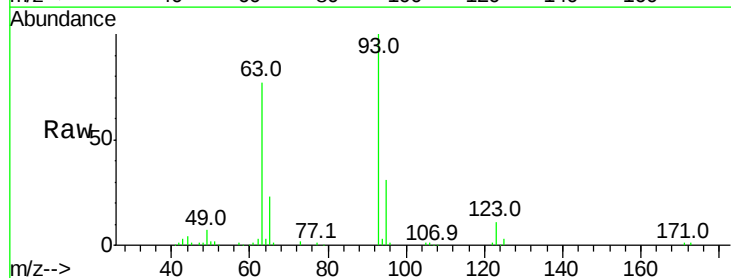
Instrument :
 BNA_G
 ClientSampleId :

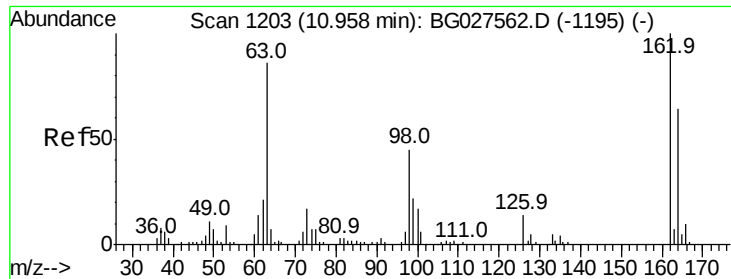
Tot Ion:122 Resp: 72198
 Ion Ratio Lower Upper
 122 100
 107 136.1 104.2 156.4
 121 60.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.14 ng
 RT: 10.70 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion: 93 Resp: 94910
 Ion Ratio Lower Upper
 93 100
 95 30.9 25.7 38.5
 123 10.5 8.3 12.5

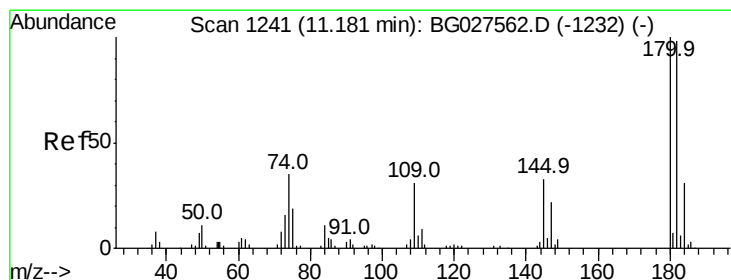
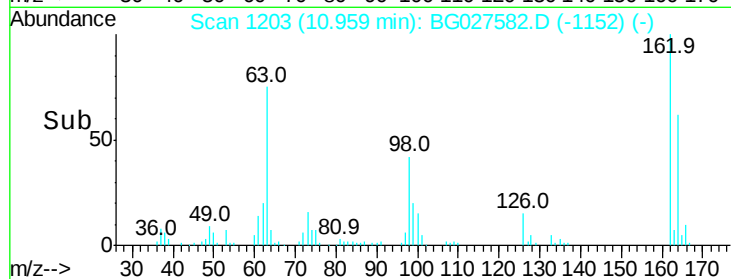
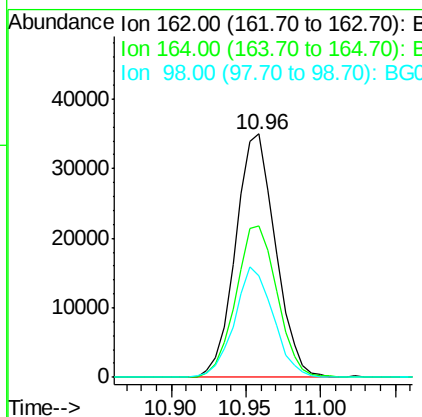
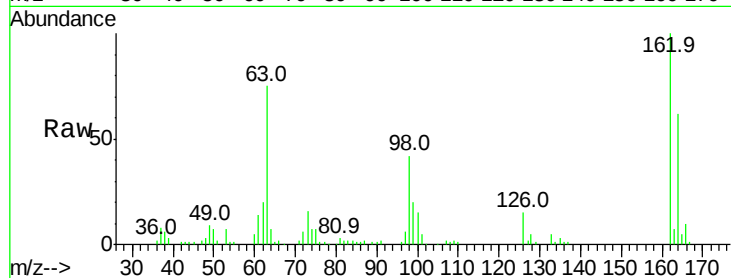




#29
 2,4-Dichlorophenol
 Concen: 50.45 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

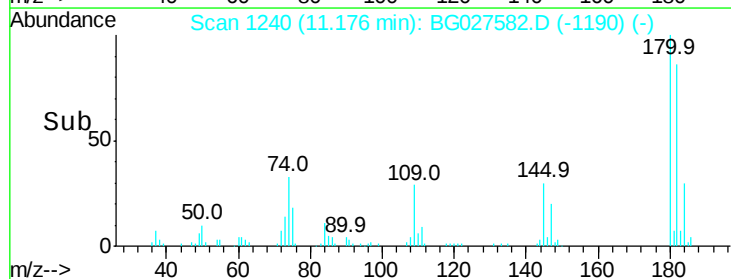
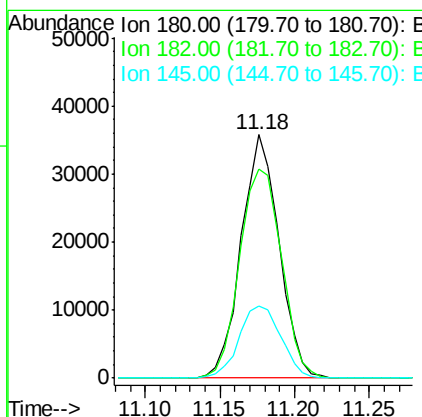
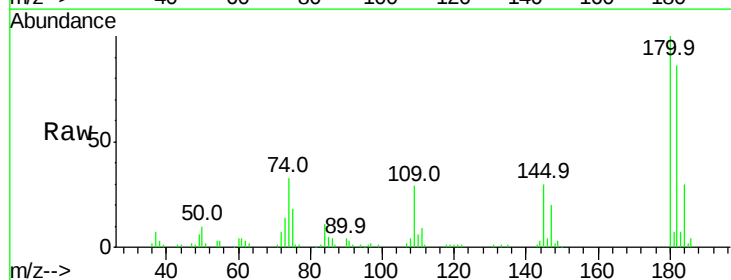
Instrument :
 BNA_G
 ClientSampled :

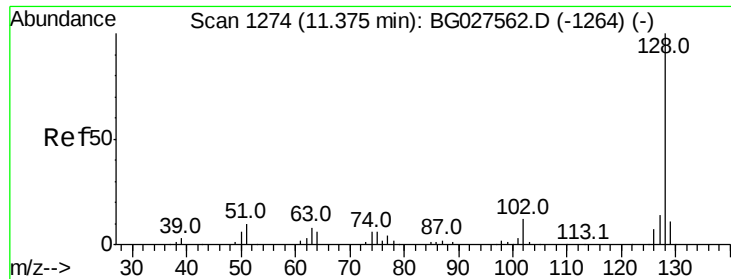
Tot Ion:162 Resp: 64896
 Ion Ratio Lower Upper
 162 100
 164 62.5 42.4 82.4
 98 41.8 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.46 ng
 RT: 11.18 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:180 Resp: 62434
 Ion Ratio Lower Upper
 180 100
 182 85.7 77.0 115.4
 145 29.8 23.4 35.0

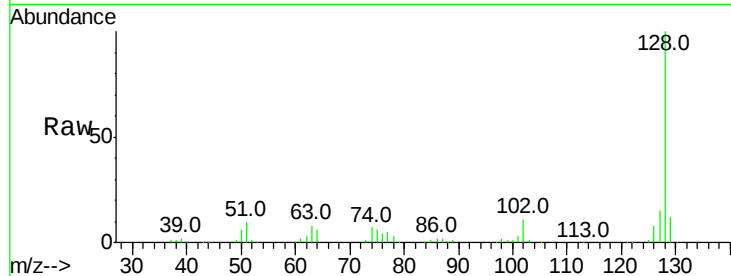




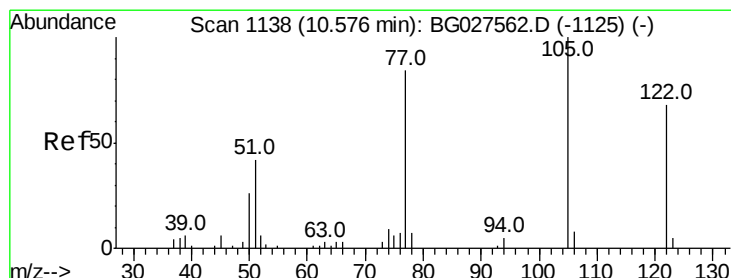
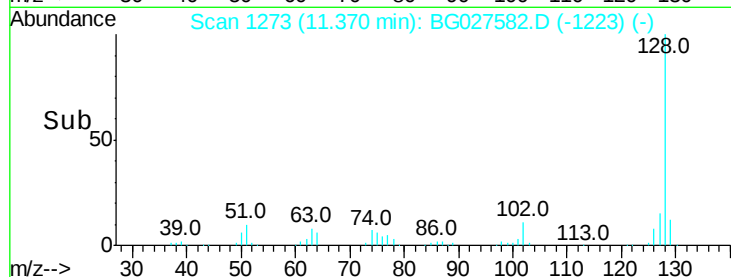
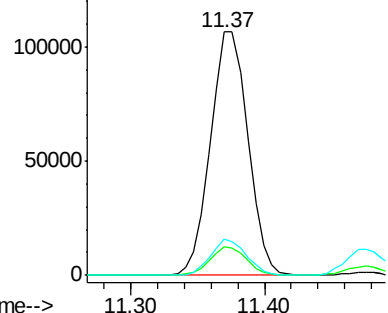
#31
Naphthalene
Concen: 41.68 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 207300
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.8 11.4 17.0

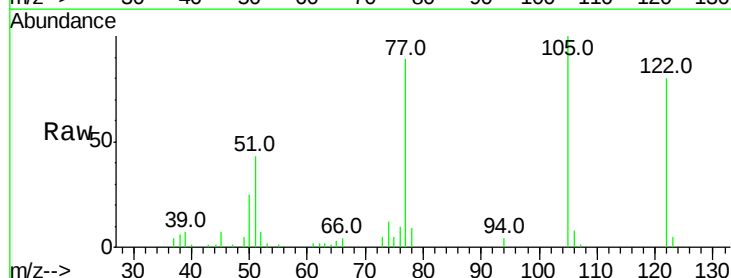


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

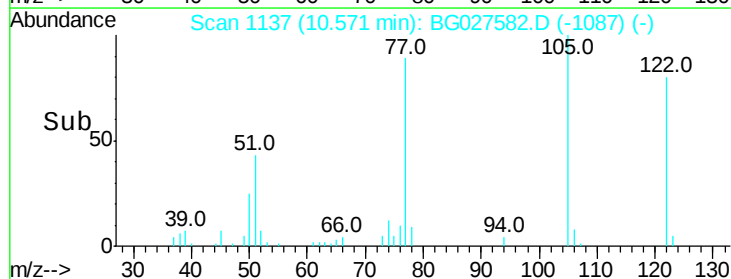
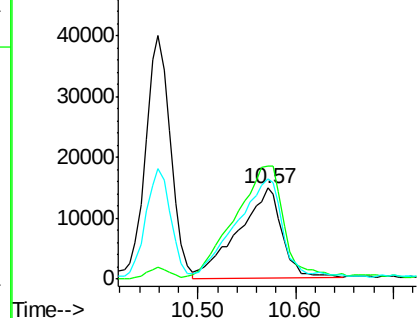


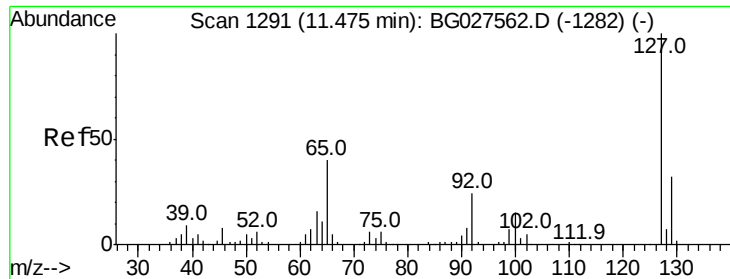
#32
Benzoic acid
Concen: 44.19 ng
RT: 10.57 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:122 Resp: 46089
Ion Ratio Lower Upper
122 100
105 124.9 120.1 160.1
77 110.7 104.6 144.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

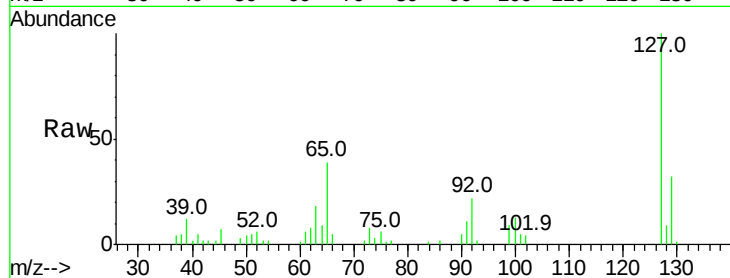




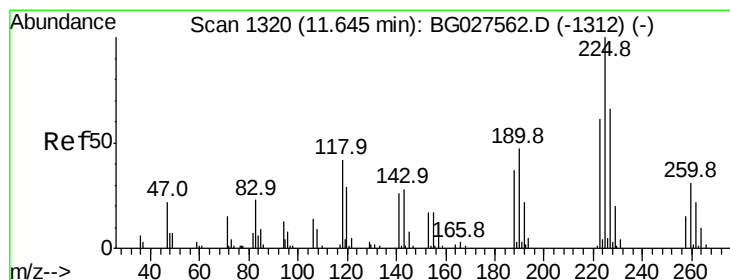
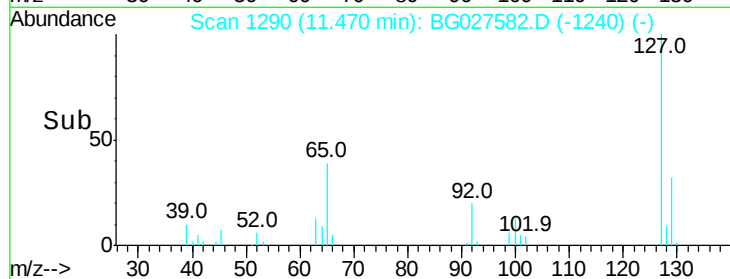
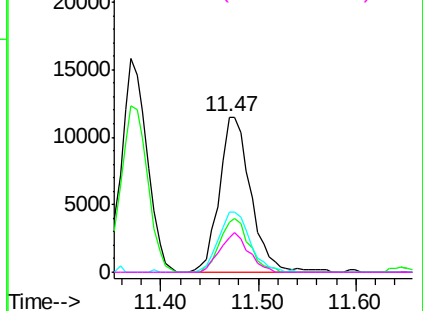
#33
4-Chloroaniline
Concen: 12.23 ng
RT: 11.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	25791
Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	38.7	37.7	56.5
92	22.0	17.6	26.4

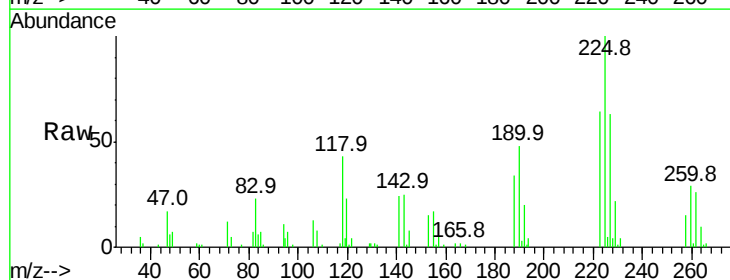


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

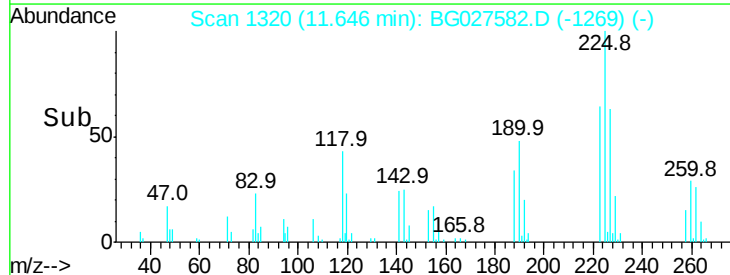
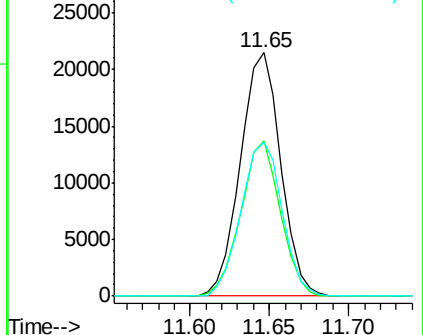


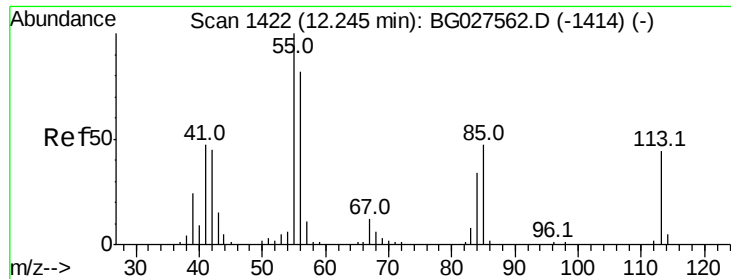
#34
Hexachlorobutadiene
Concen: 42.76 ng
RT: 11.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:	225	Resp:	38000
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.7	76.1
227	63.3	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

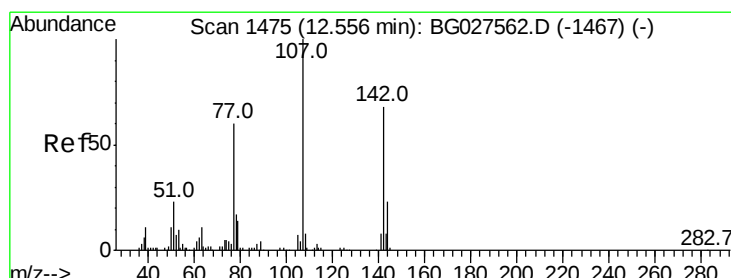
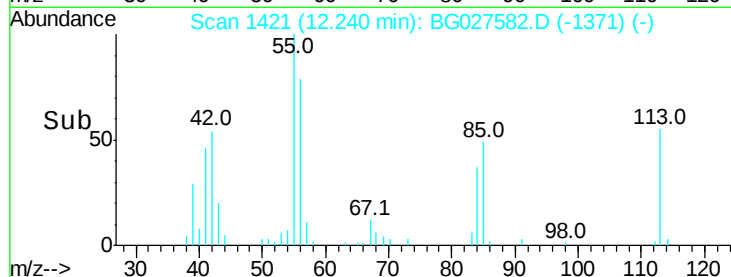
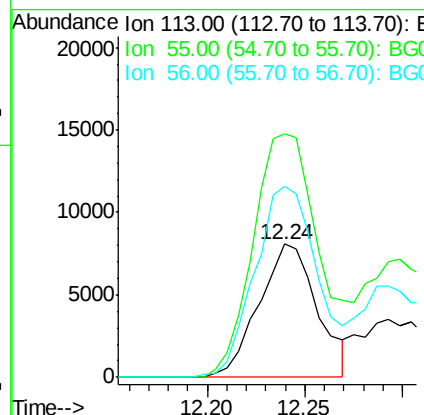
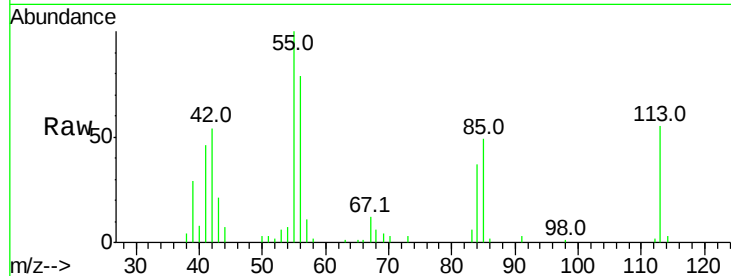




#35
 Caprolactam
 Concen: 27.74 ng
 RT: 12.24 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

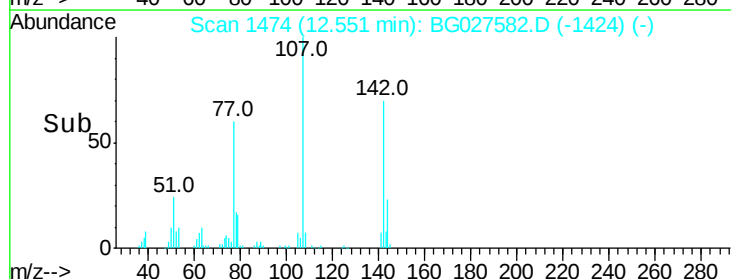
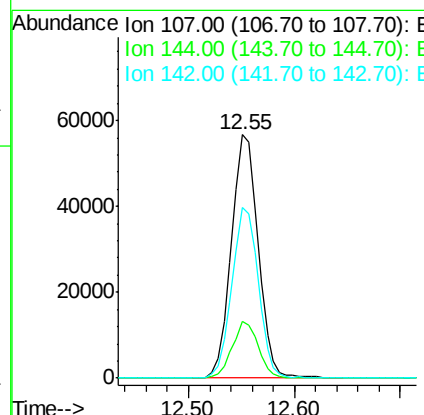
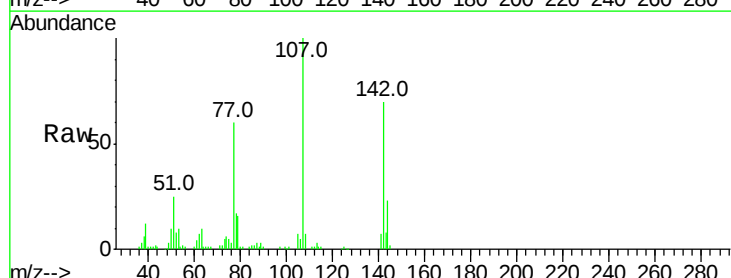
Instrument :
 BNA_G
 ClientSampled :

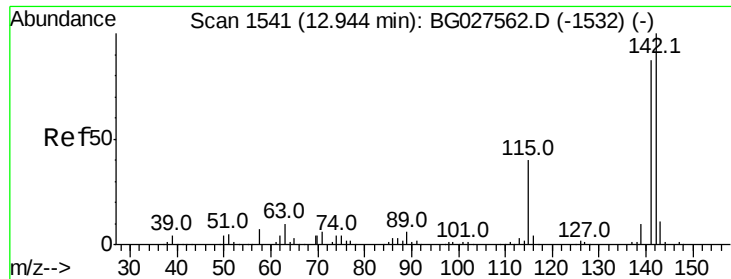
Tot Ion:113 Resp: 16629
 Ion Ratio Lower Upper
 113 100
 55 183.1 198.6 238.6#
 56 143.8 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.24 ng
 RT: 12.55 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:107 Resp: 99097
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.4 26.0
 142 70.1 54.1 81.1

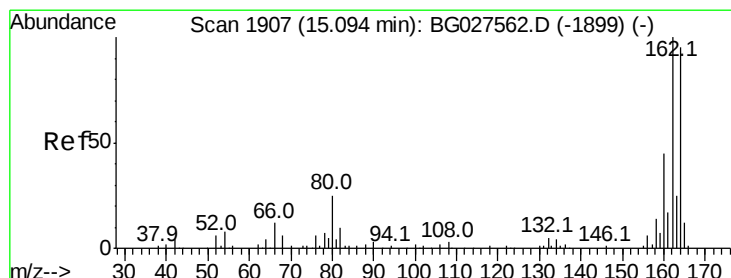
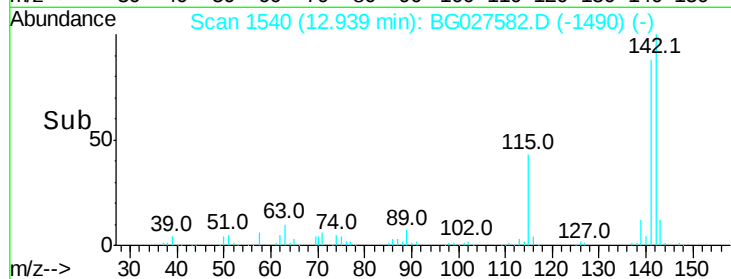
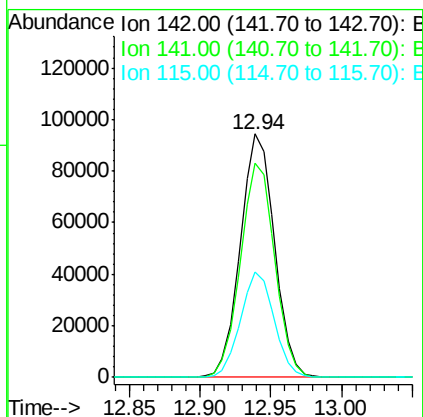
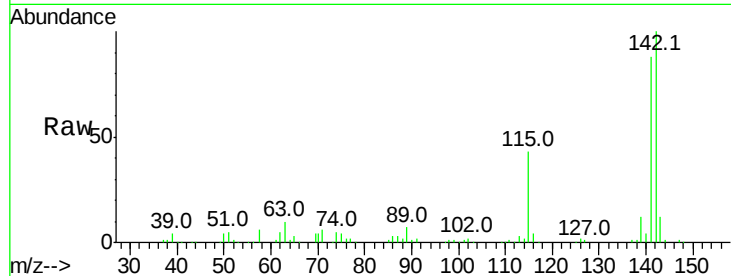




#37
2-Methylnaphthalene
Concen: 44.15 ng
RT: 12.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

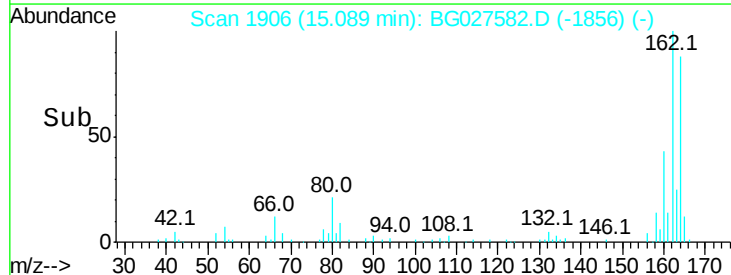
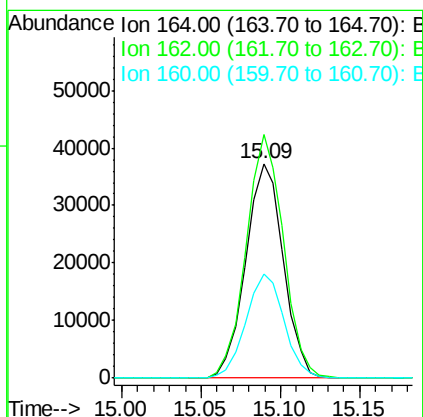
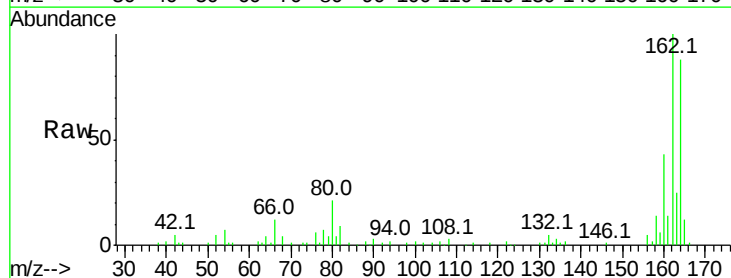
Instrument :
BNA_G
ClientSampleId :

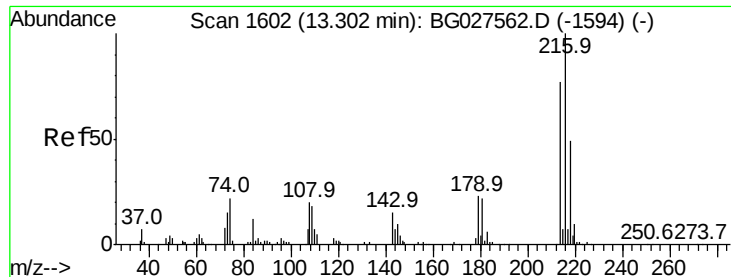
Tot Ion:142 Resp: 159588
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6
115 43.3 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:164 Resp: 61453
Ion Ratio Lower Upper
164 100
162 113.4 85.1 127.7
160 48.3 34.7 52.1

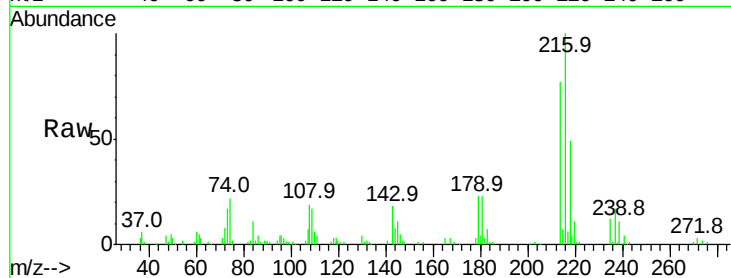




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.10 ng
 RT: 13.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	81128
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.4	96.6
179	22.2	17.4	26.0
108	23.4	15.6	23.4

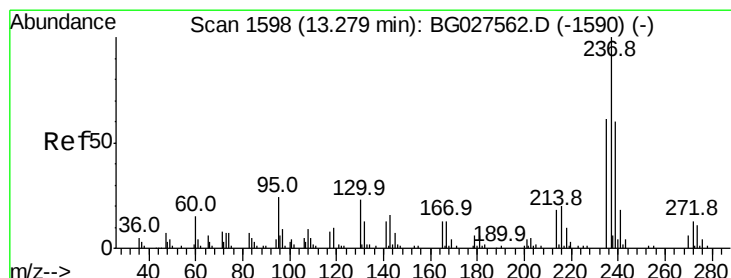
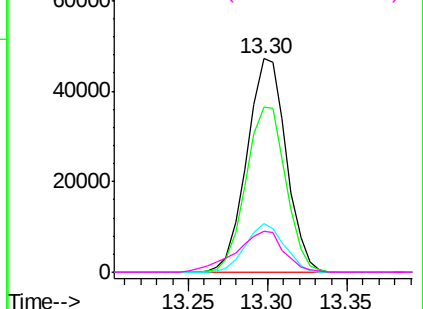
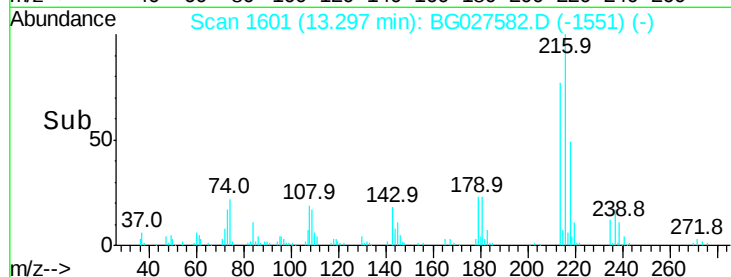


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

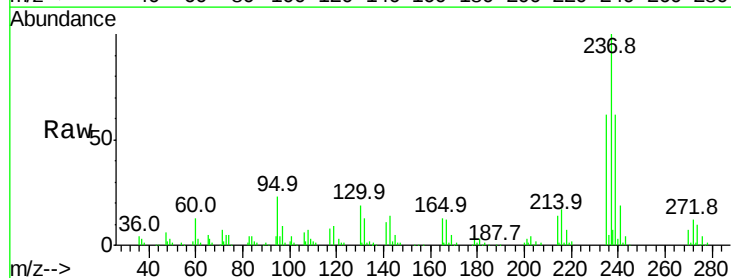
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 100.96 ng
 RT: 13.28 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

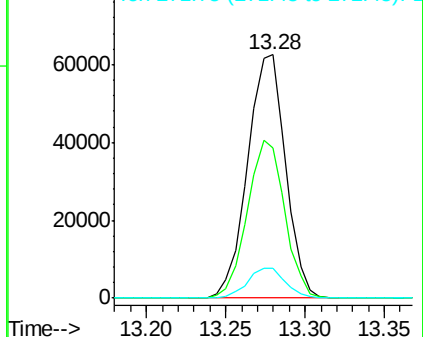
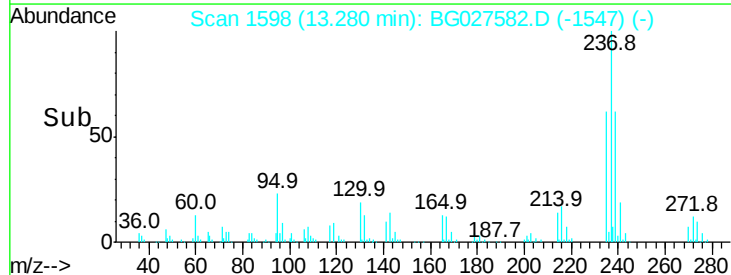
Tgt Ion:	237	Resp:	104290
Ion	Ratio	Lower	Upper
237	100		
235	61.6	39.4	79.4
272	12.2	0.0	32.0

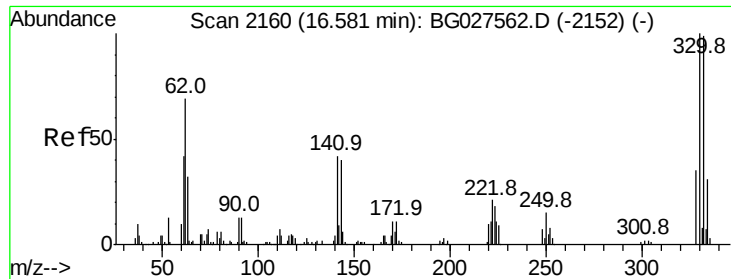


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

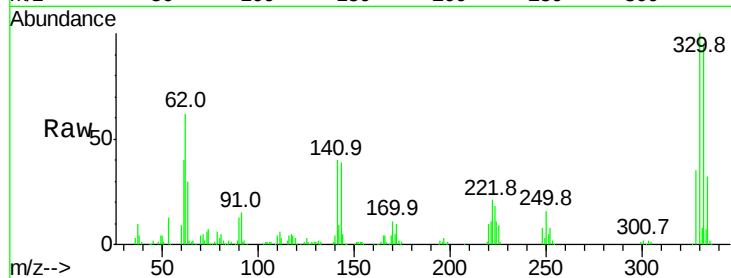




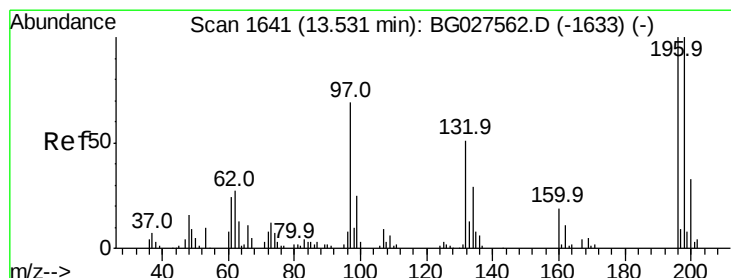
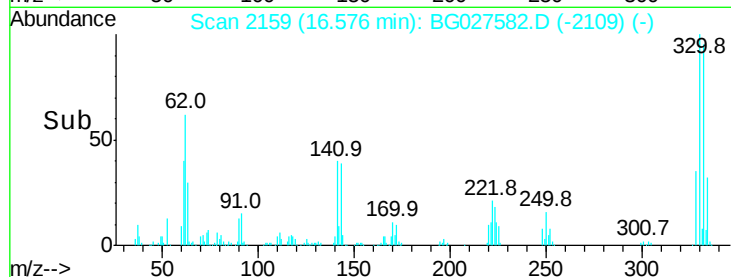
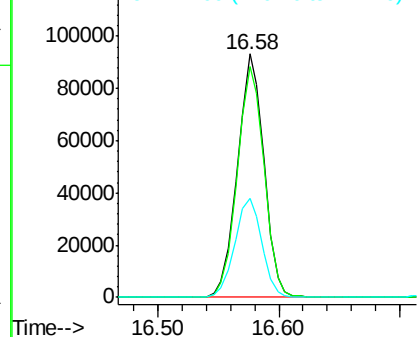
#41
 2,4,6-Tribromophenol
 Concen: 155.23 ng
 RT: 16.58 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 142212
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 41.6 32.1 48.1

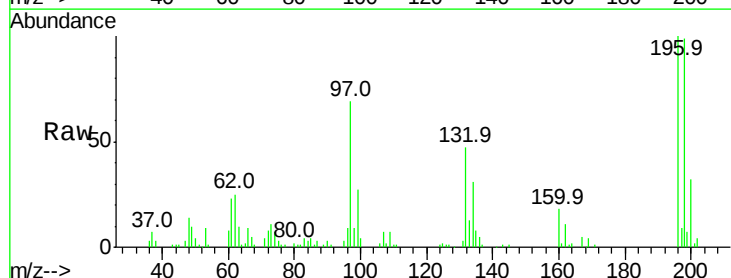


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

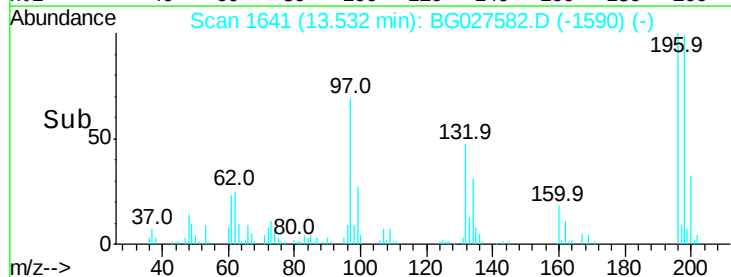
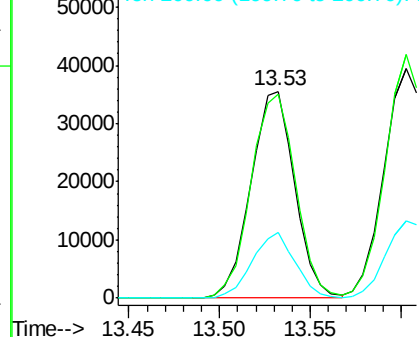


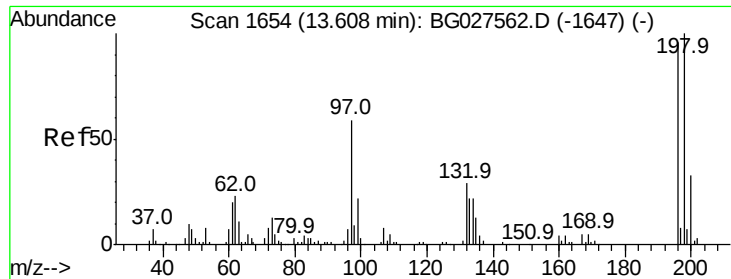
#42
 2,4,6-Trichlorophenol
 Concen: 47.80 ng
 RT: 13.53 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:196 Resp: 59529
 Ion Ratio Lower Upper
 196 100
 198 98.6 81.4 122.2
 200 31.7 27.0 40.6



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

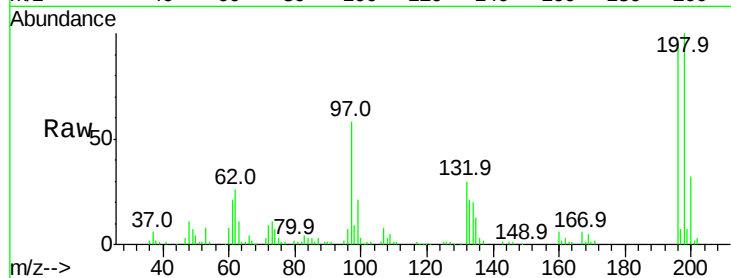




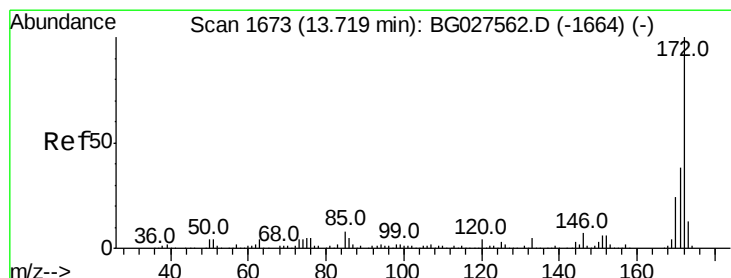
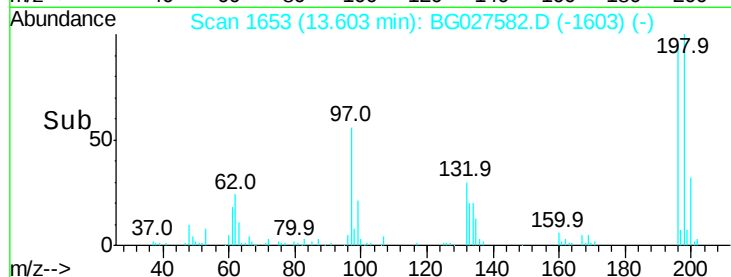
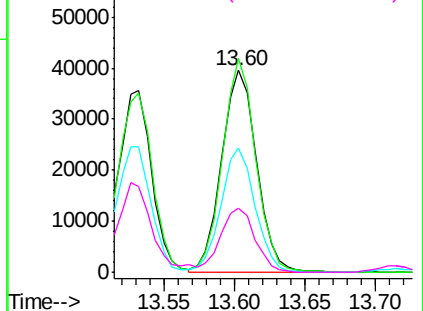
#43
2,4,5-Trichlorophenol
Concen: 46.75 ng
RT: 13.60 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 68412
Ion Ratio Lower Upper
196 100
198 105.8 79.9 119.9
97 61.7 45.4 68.0
132 31.6 20.7 31.1#

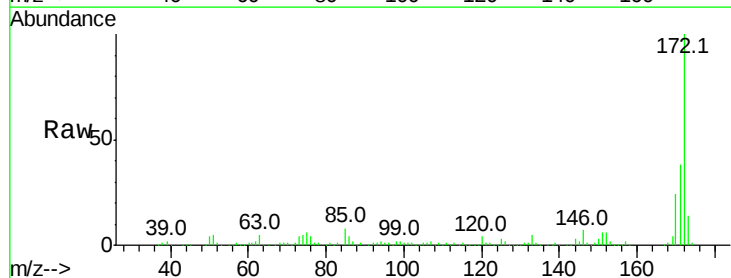


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

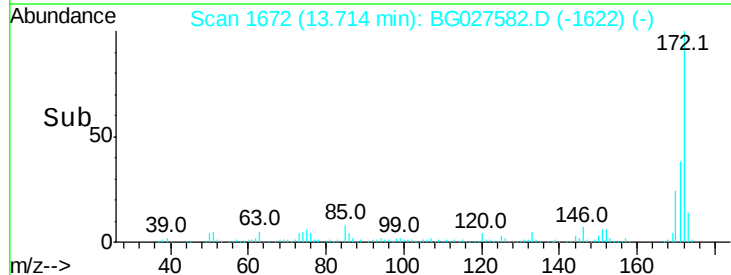
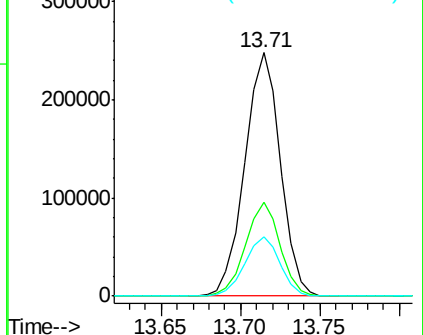


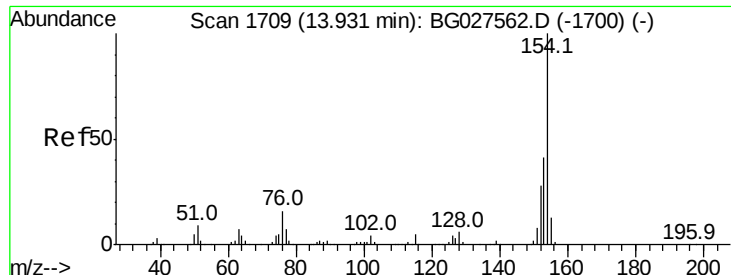
#44
2-Fluorobiphenyl
Concen: 85.82 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:172 Resp: 386105
Ion Ratio Lower Upper
172 100
171 38.3 32.2 48.2
170 24.1 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: 42.15 ng

RT: 13.93 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

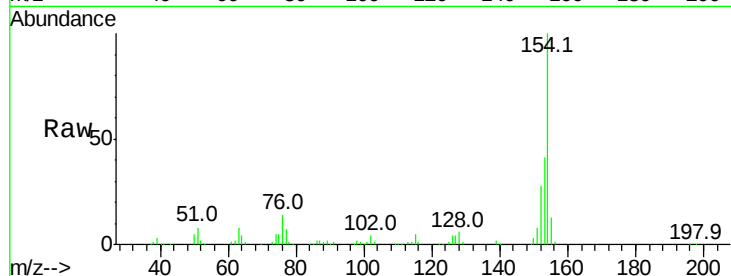
Tot Ion:154 Resp: 215970

Ion Ratio Lower Upper

154 100

153 41.4 23.0 63.0

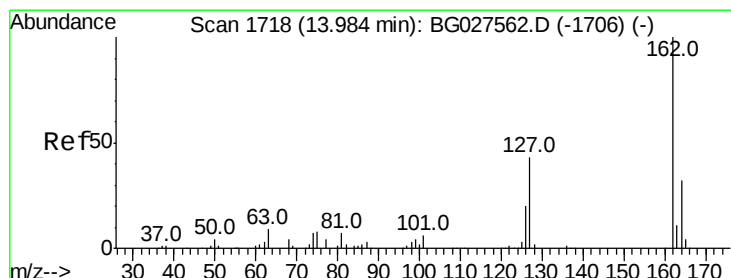
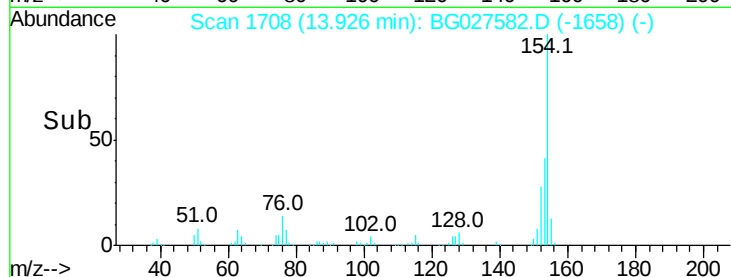
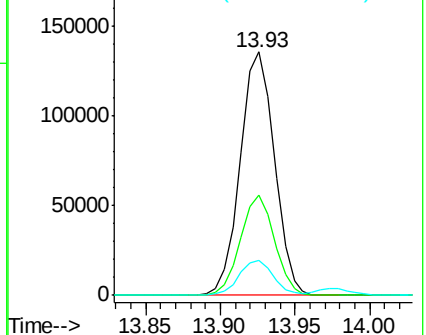
76 14.2 0.0 33.5



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: 42.31 ng

RT: 13.98 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

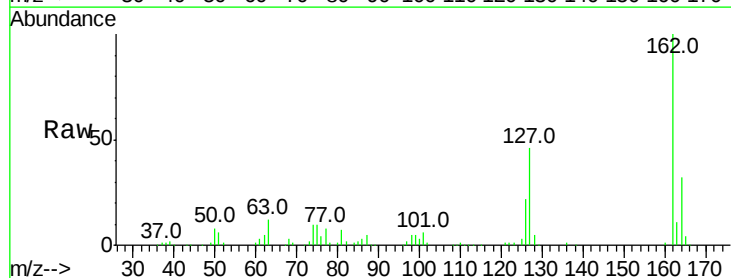
Tgt Ion:162 Resp: 161249

Ion Ratio Lower Upper

162 100

127 46.1 32.2 48.4

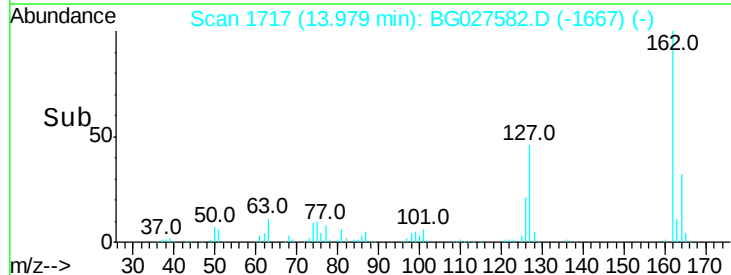
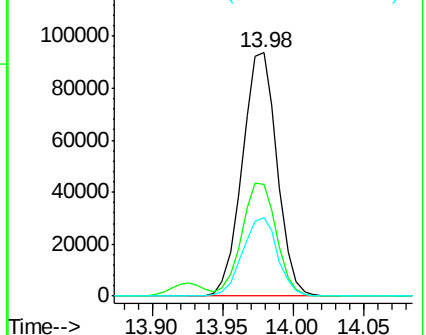
164 32.5 27.3 40.9

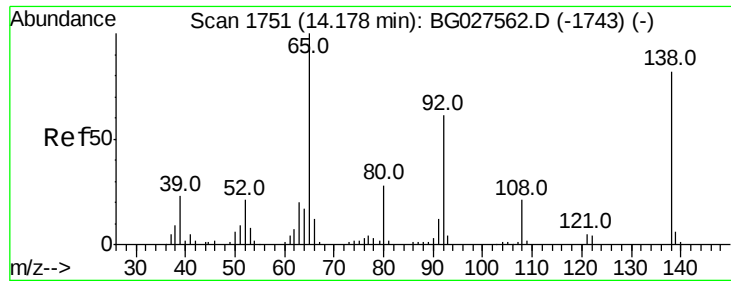


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.08 ng

RT: 14.17 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

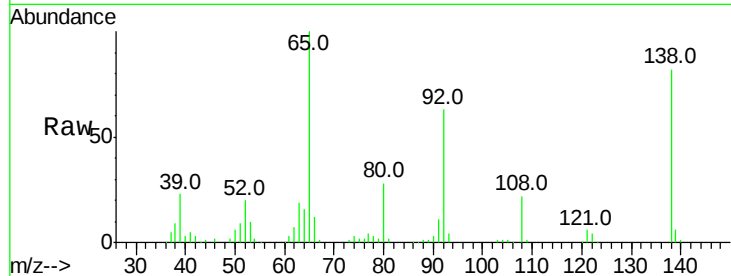
Tot Ion: 65 Resp: 78838

Ion Ratio Lower Upper

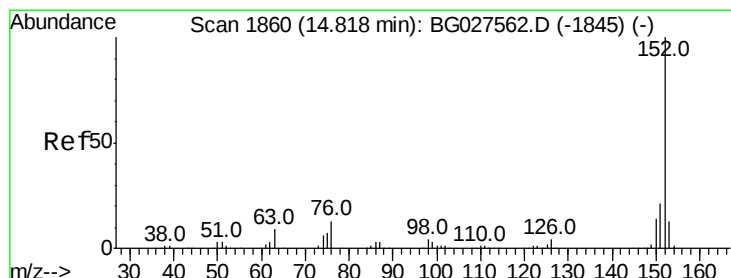
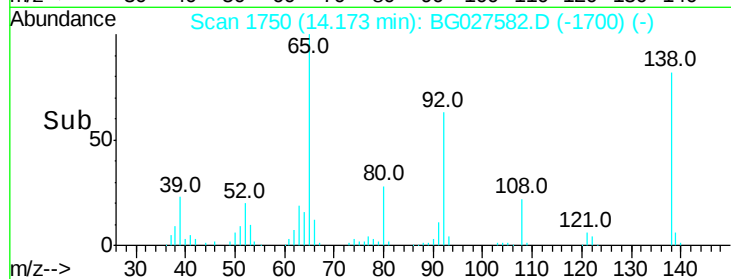
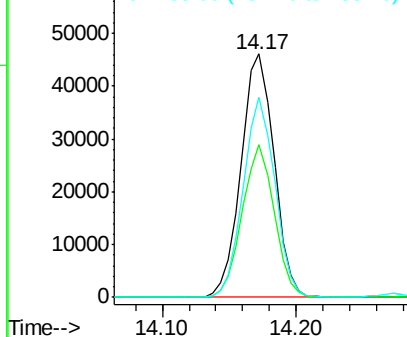
65 100

92 62.7 49.0 73.4

138 81.9 58.6 87.8



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



#48

Acenaphthylene

Concen: 41.22 ng

RT: 14.82 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

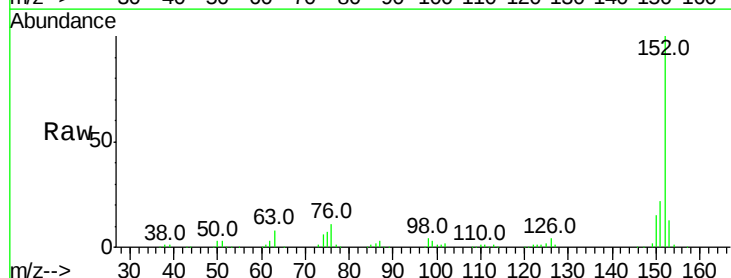
Tgt Ion: 152 Resp: 275267

Ion Ratio Lower Upper

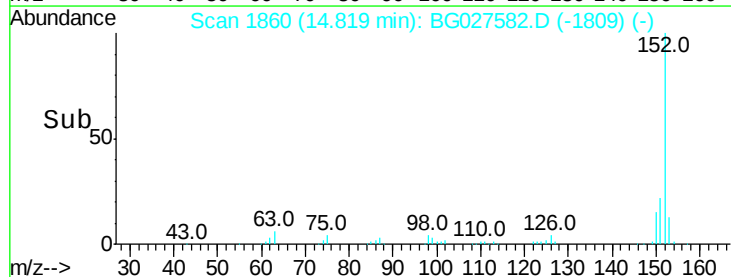
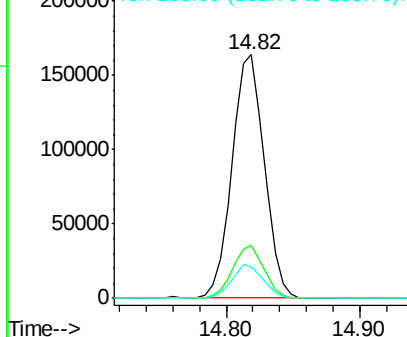
152 100

151 21.6 18.2 27.2

153 13.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

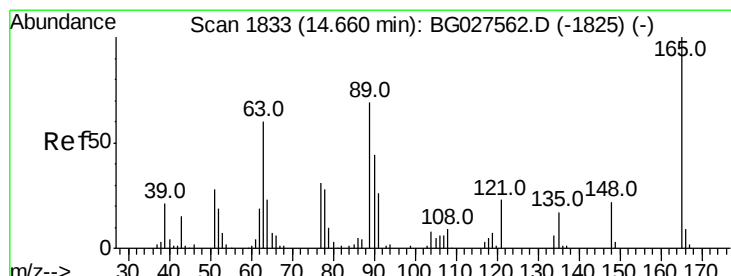
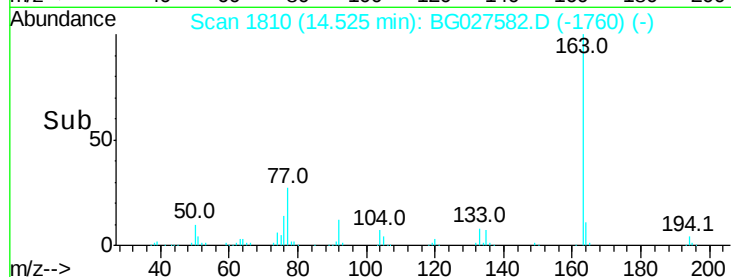
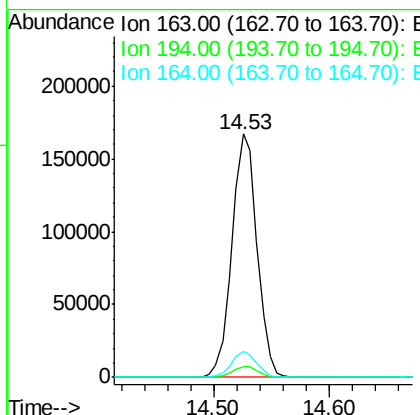
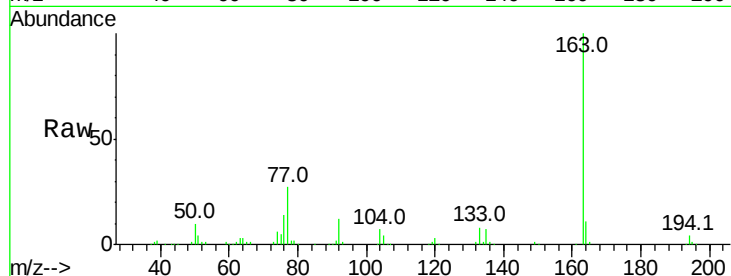




#49
Dimethylphthalate
Concen: 46.54 ng
RT: 14.53 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

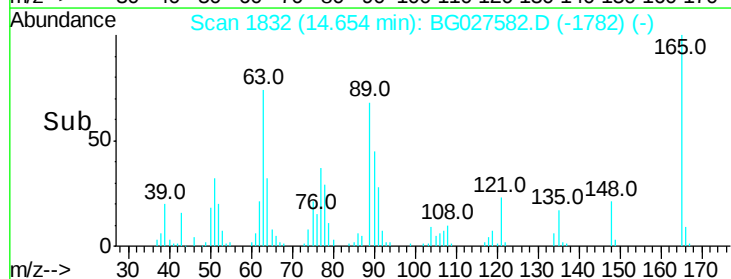
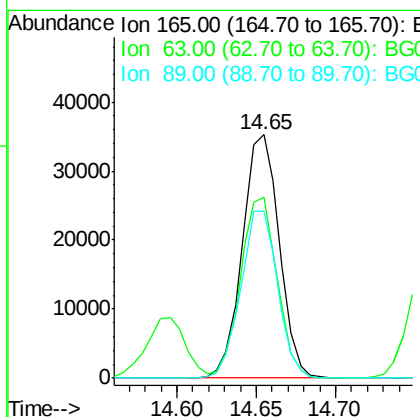
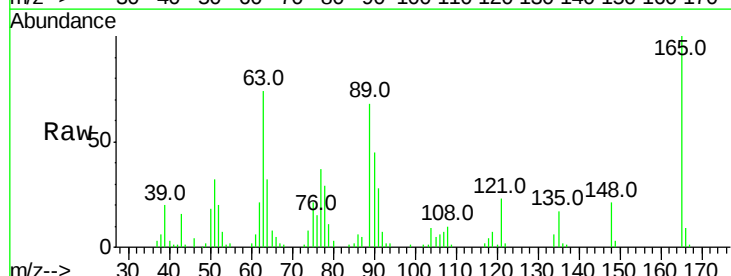
Instrument :
BNA_G
ClientSampleId :

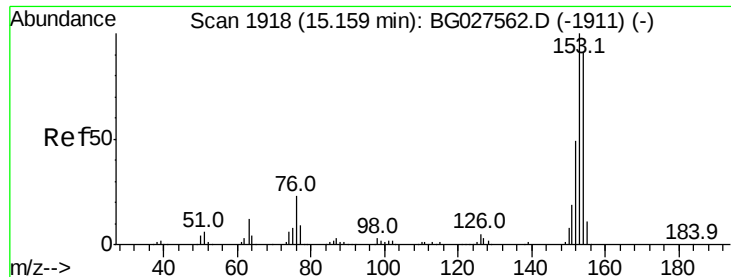
Tot Ion:163 Resp: 250430
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.6 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 48.73 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:165 Resp: 56890
Ion Ratio Lower Upper
165 100
63 74.5 63.9 95.9
89 68.4 58.6 88.0





#51

Acenaphthene

Concen: 48.46 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

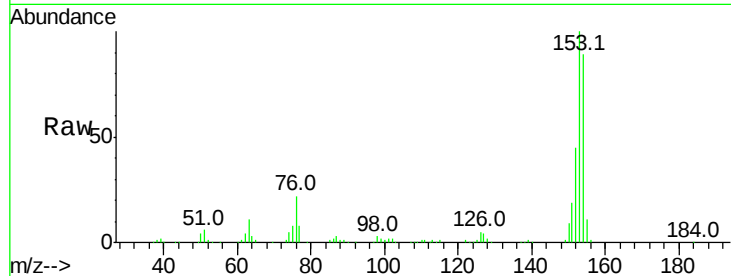
Tot Ion:154 Resp: 225465

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.6

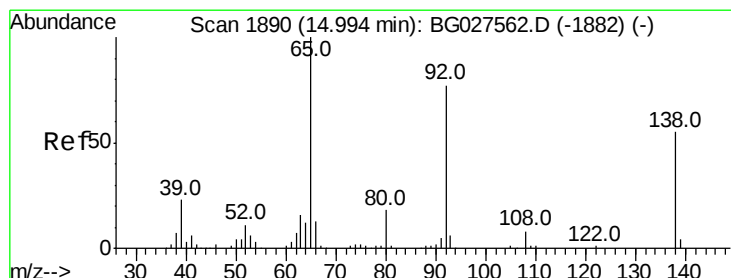
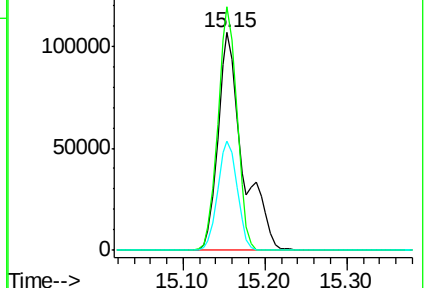
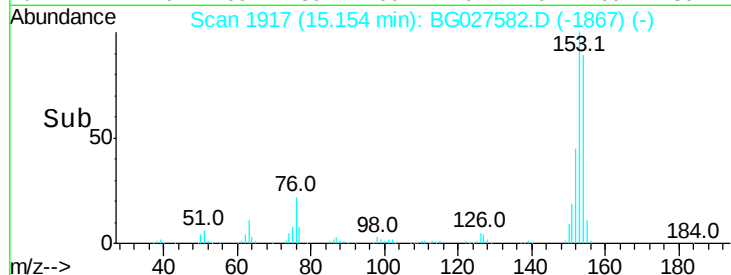
152 50.1 42.2 63.4



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: 22.99 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

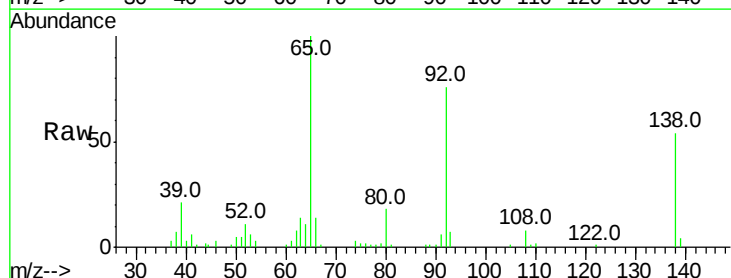
Tgt Ion:138 Resp: 28330

Ion Ratio Lower Upper

138 100

108 15.3 10.9 16.3

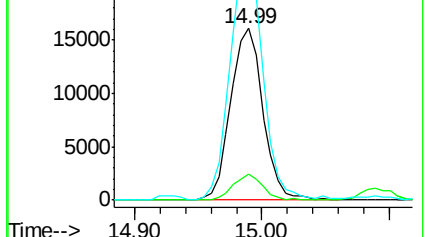
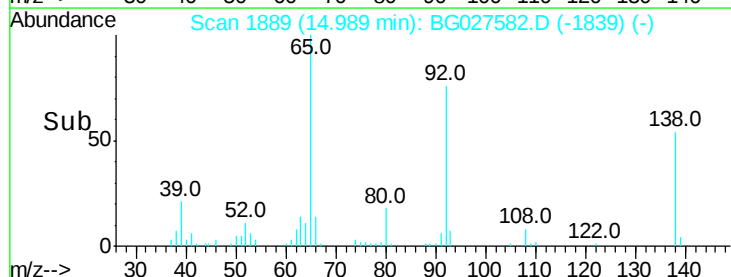
92 142.0 115.3 172.9

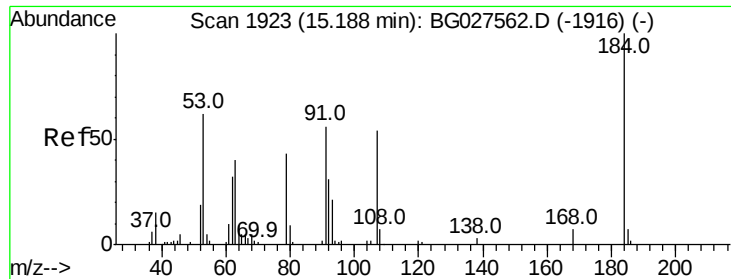


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

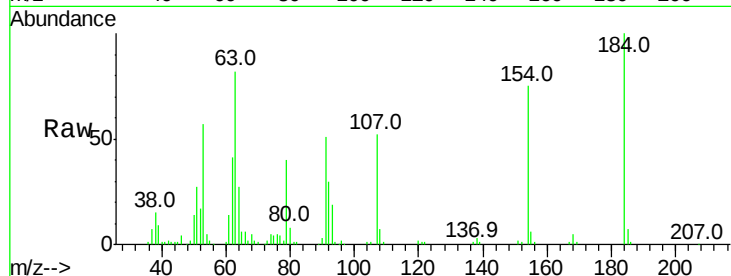




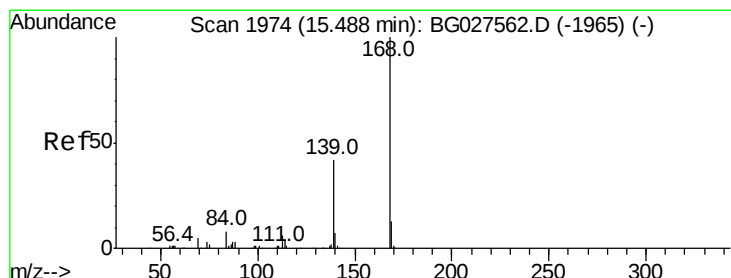
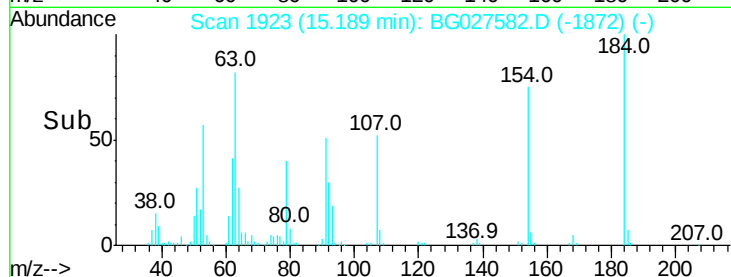
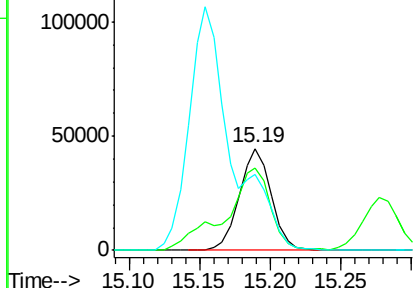
#53
2,4-Dinitrophenol
Concen: 106.67 ng
RT: 15.19 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 70393
Ion Ratio Lower Upper
184 100
63 81.5 52.7 79.1#
154 74.9 57.3 85.9

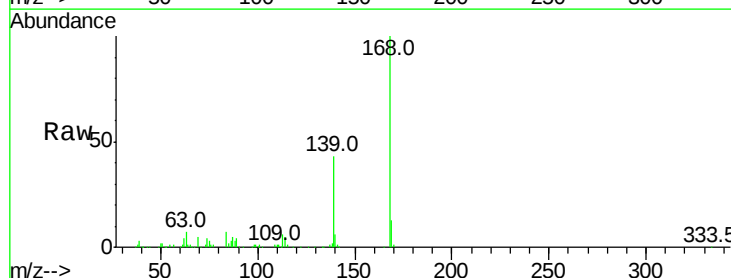


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

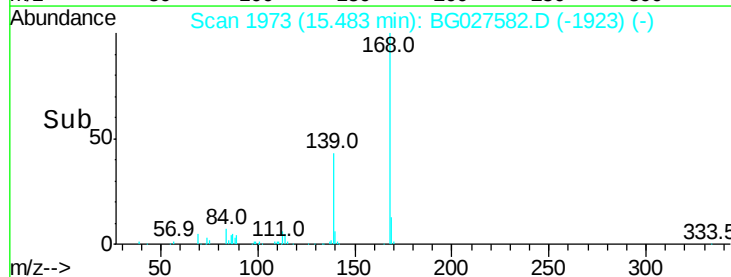
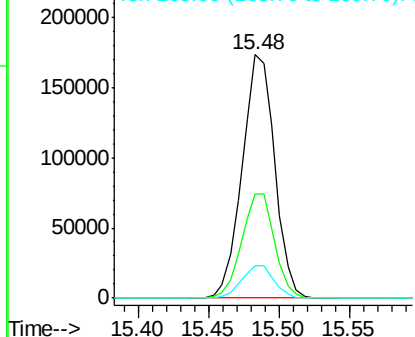


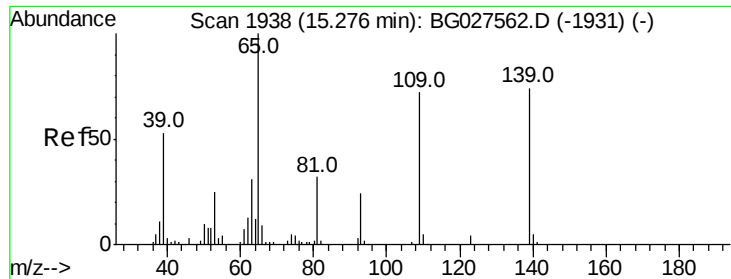
#54
Dibenzofuran
Concen: 46.11 ng
RT: 15.48 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:168 Resp: 279470
Ion Ratio Lower Upper
168 100
139 42.7 35.3 52.9
169 13.2 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.05 ng

RT: 15.28 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

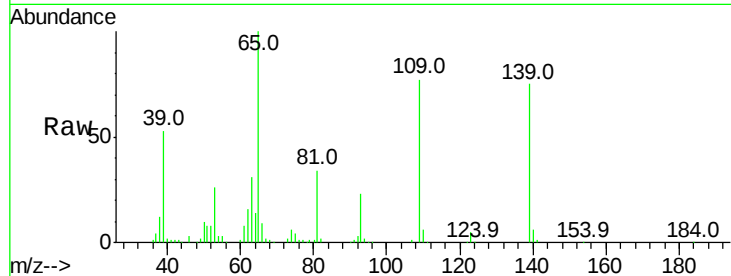
Tot Ion:139 Resp: 102206

Ion Ratio Lower Upper

139 100

109 102.9 101.2 141.2

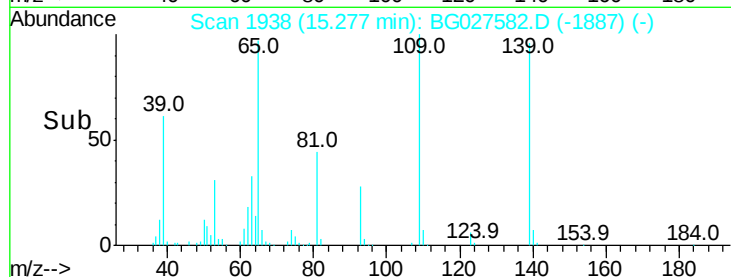
65 133.1 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

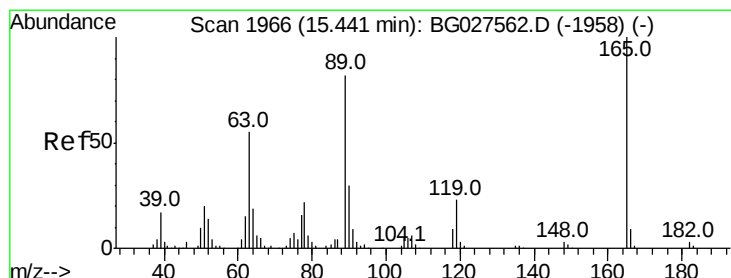
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



15.28

Time-->



#56

2,4-Dinitrotoluene

Concen: 50.47 ng

RT: 15.44 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Tgt Ion:165 Resp: 83556

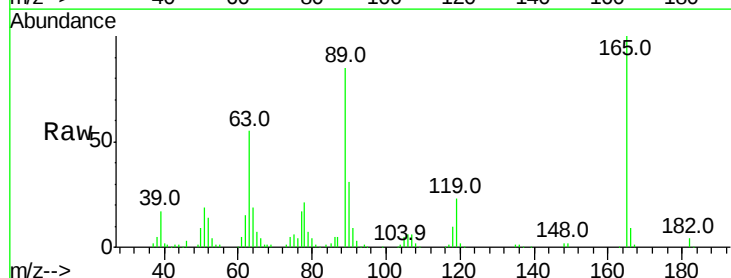
Ion Ratio Lower Upper

165 100

63 55.3 44.0 66.0

89 84.9 67.3 100.9

182 3.6 3.8 5.6#

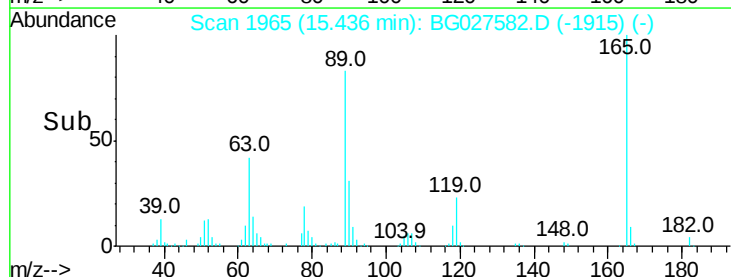


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

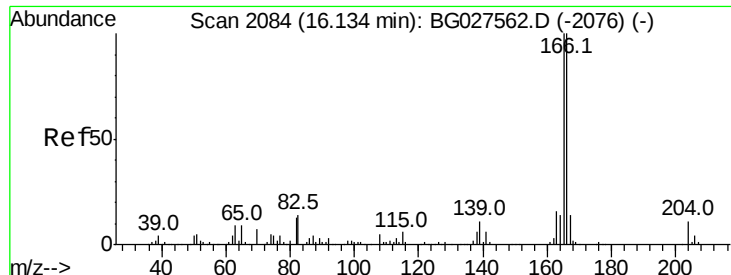
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



15.44

Time-->



#57

Fluorene

Concen: 43.63 ng

RT: 16.14 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

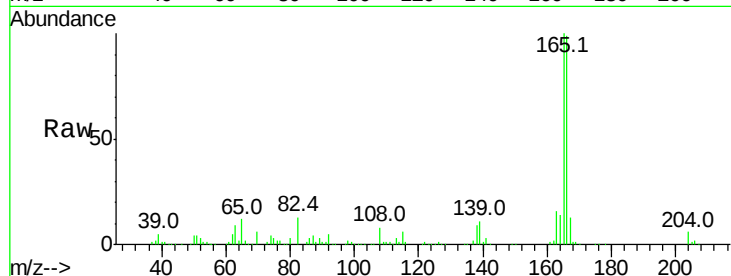
Tot Ion:166 Resp: 250424

Ion Ratio Lower Upper

166 100

165 100.9 78.6 117.8

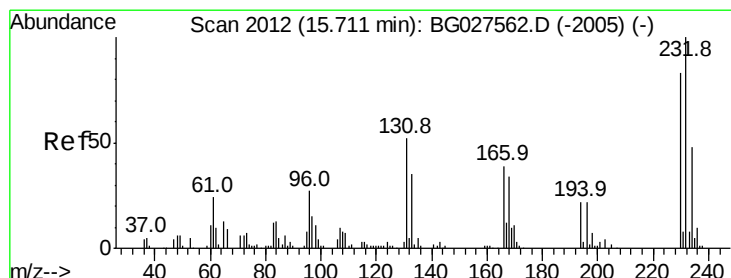
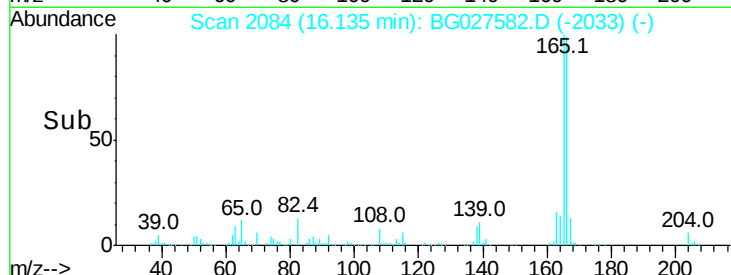
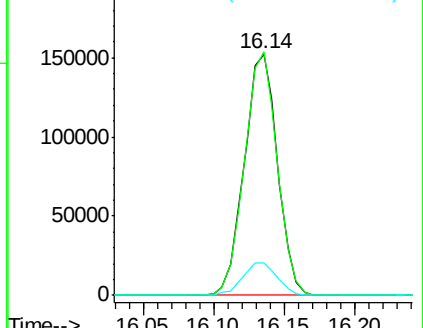
167 13.5 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.61 ng

RT: 15.71 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Tgt Ion:232 Resp: 71661

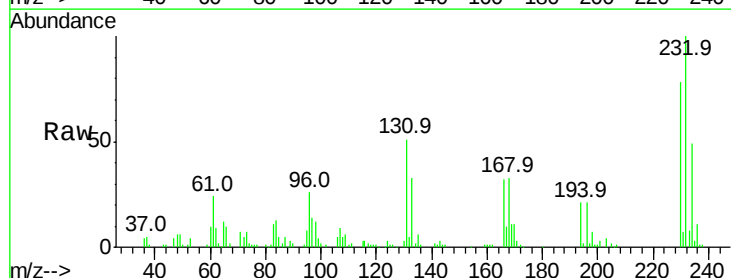
Ion Ratio Lower Upper

232 100

131 50.9 34.9 52.3

130 3.1 2.3 3.5

166 33.4 24.2 36.4

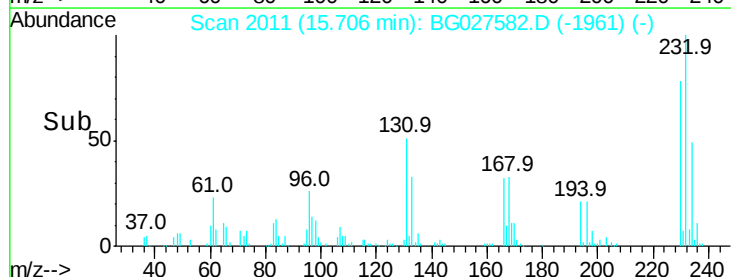
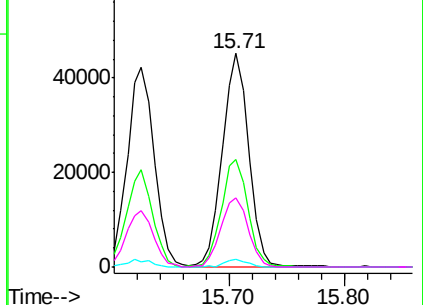


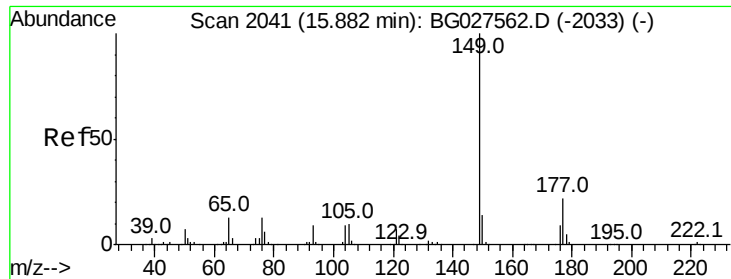
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

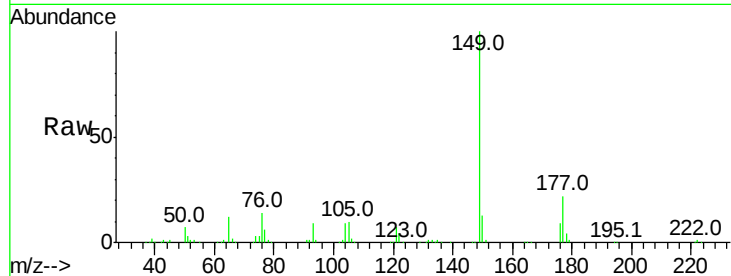




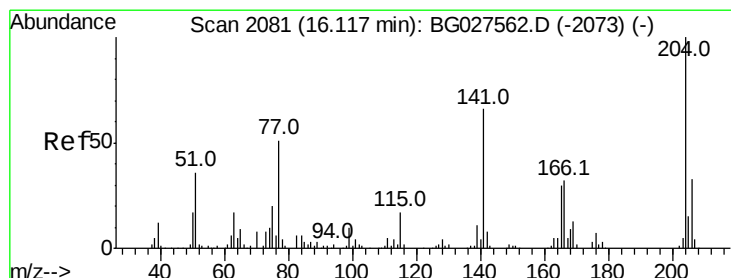
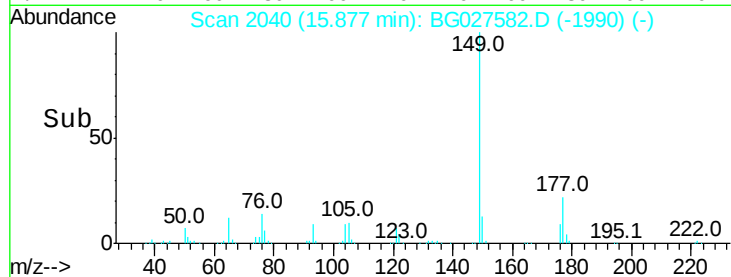
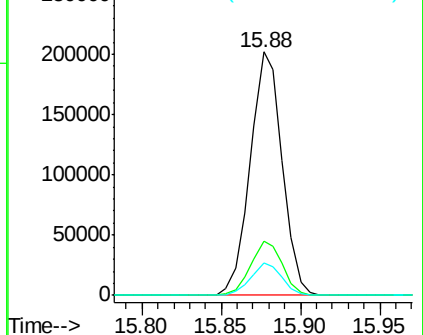
#59
Diethylphthalate
Concen: 48.13 ng
RT: 15.88 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 282578
Ion Ratio Lower Upper
149 100
177 22.5 20.1 30.1
150 13.4 10.2 15.2

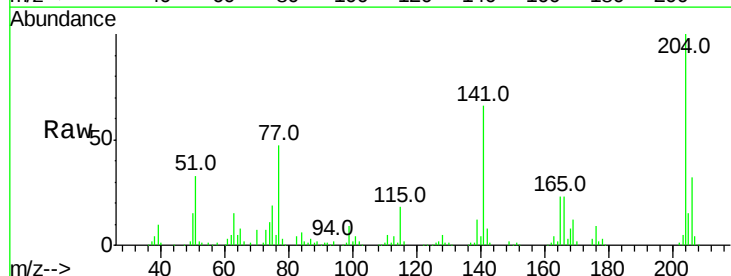


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

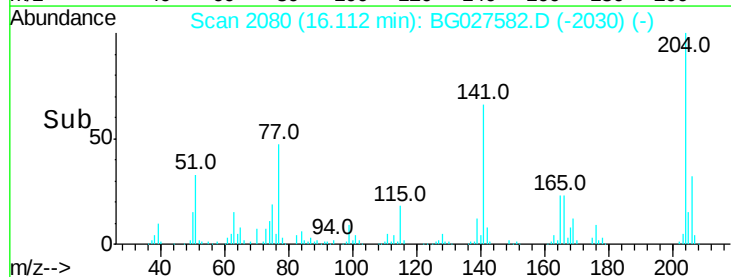
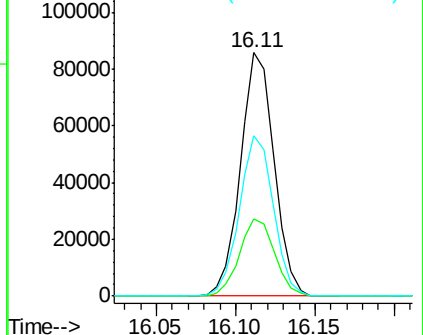


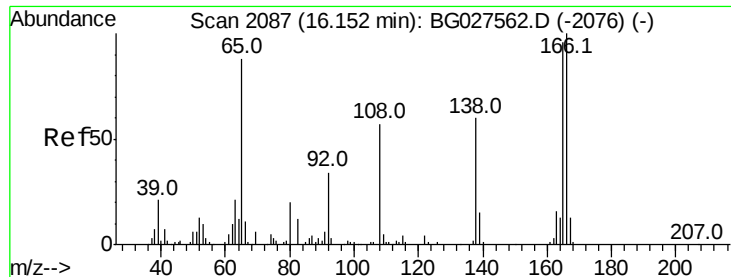
#60
4-Chlorophenyl-phenylether
Concen: 44.62 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:204 Resp: 126036
Ion Ratio Lower Upper
204 100
206 31.8 30.1 45.1
141 65.7 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.91 ng

RT: 16.15 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampled :

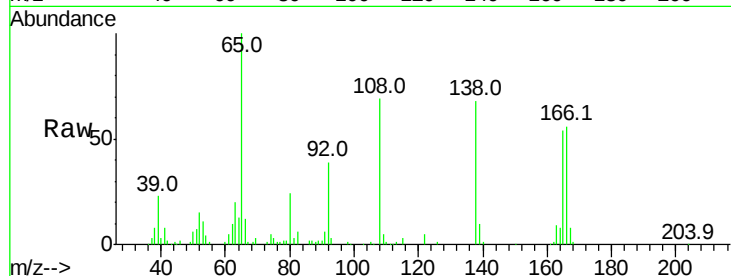
Tot Ion:138 Resp: 64773

Ion Ratio Lower Upper

138 100

92 57.3 44.2 84.2

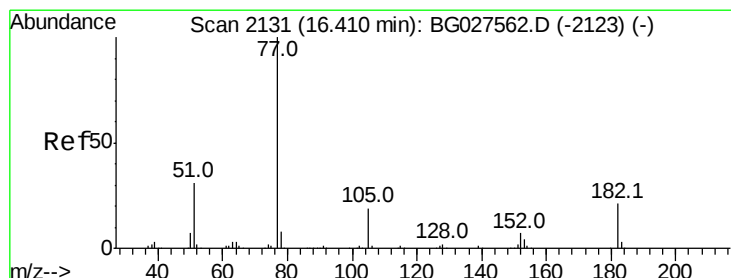
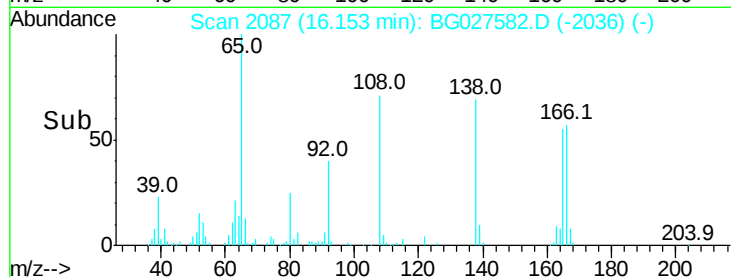
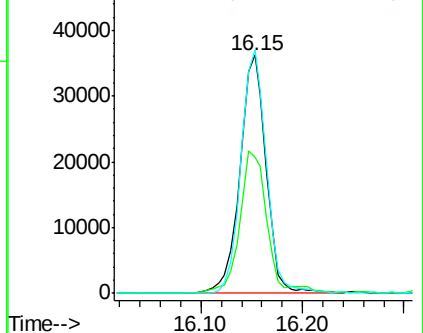
108 102.3 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.18 ng

RT: 16.41 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Tgt Ion: 77 Resp: 290060

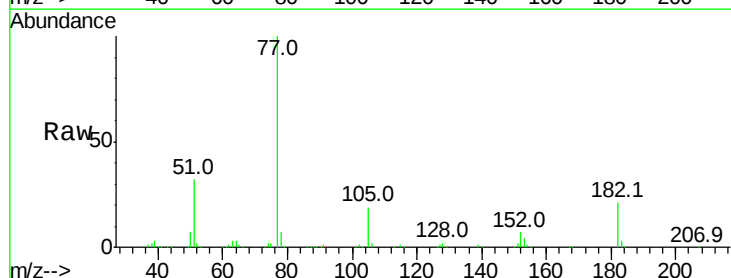
Ion Ratio Lower Upper

77 100

182 21.1 4.7 44.7

105 19.3 0.0 36.3

51 31.7 16.4 56.4

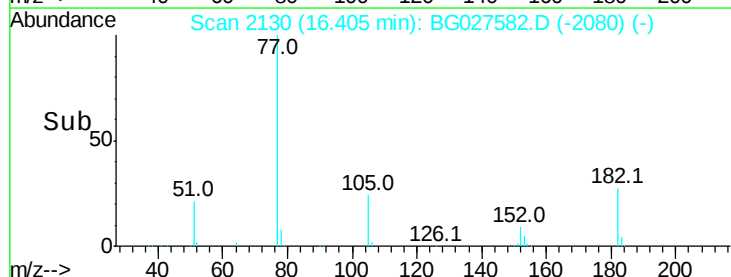
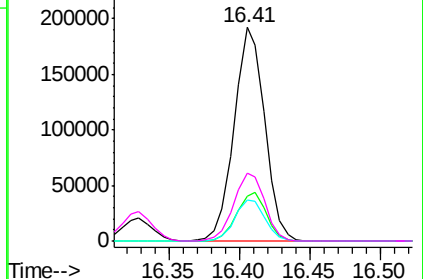


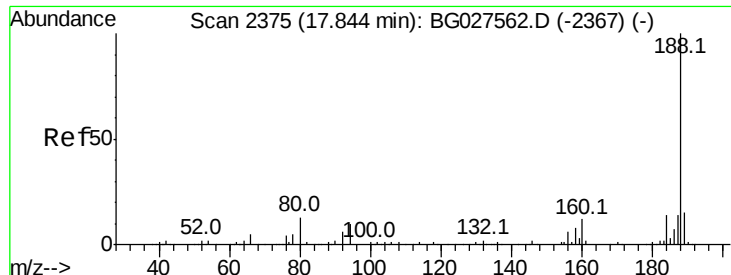
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

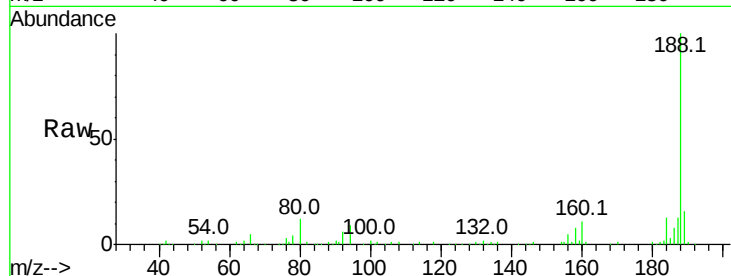




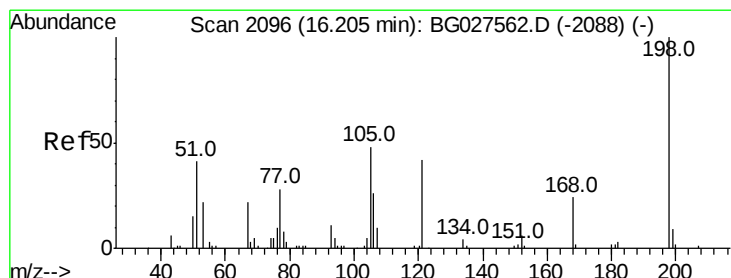
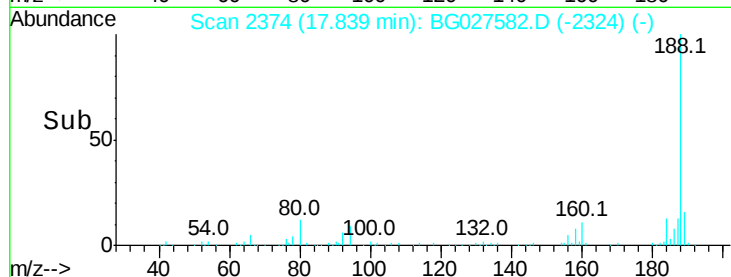
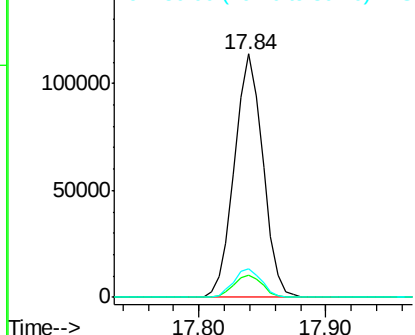
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 176649
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 11.6 7.5 11.3#

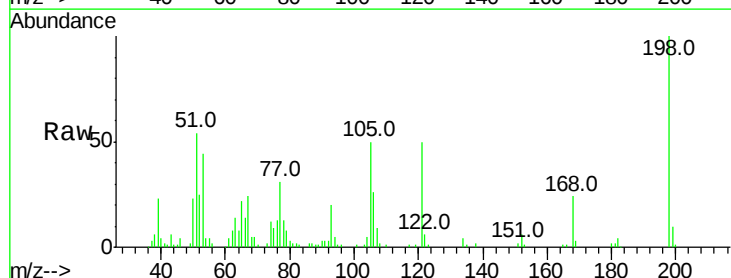


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

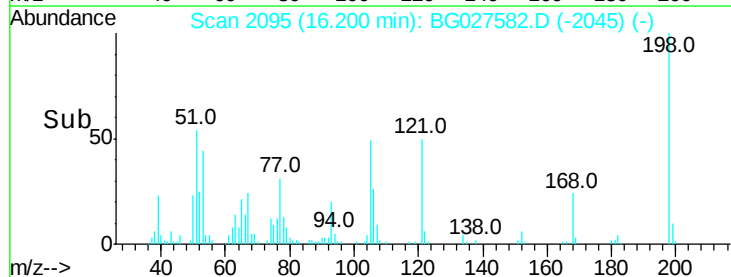
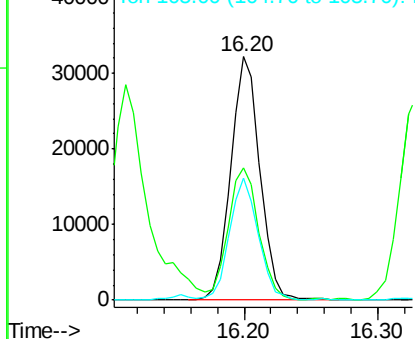


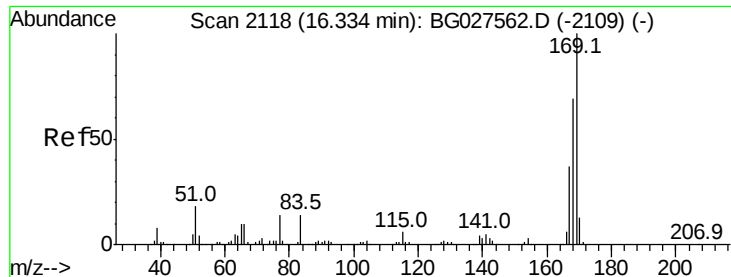
#64
4,6-Dinitro-2-methylphenol
Concen: 43.59 ng
RT: 16.20 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:198 Resp: 48896
Ion Ratio Lower Upper
198 100
51 54.4 22.6 62.6
105 50.2 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

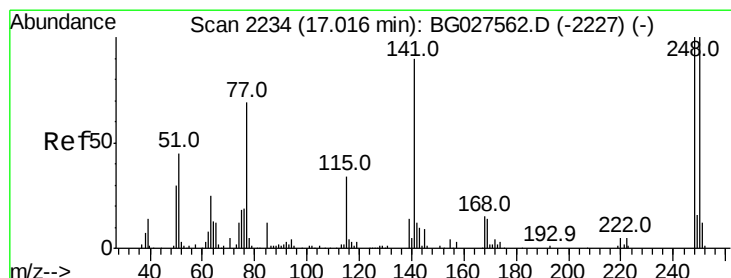
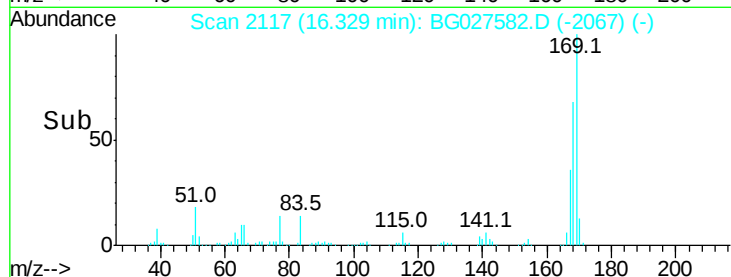
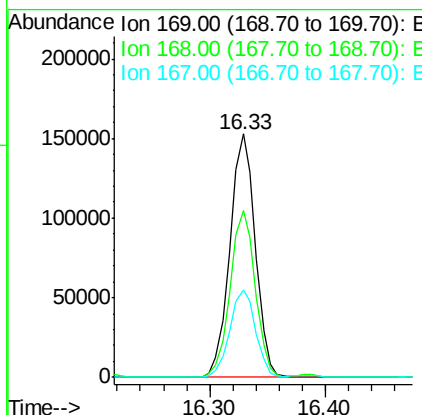
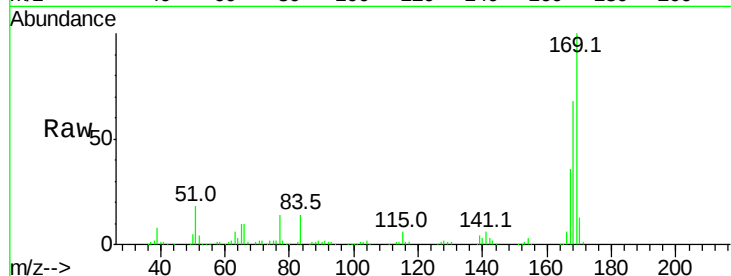




#65
n-Nitrosodiphenylamine
Concen: 42.84 ng
RT: 16.33 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

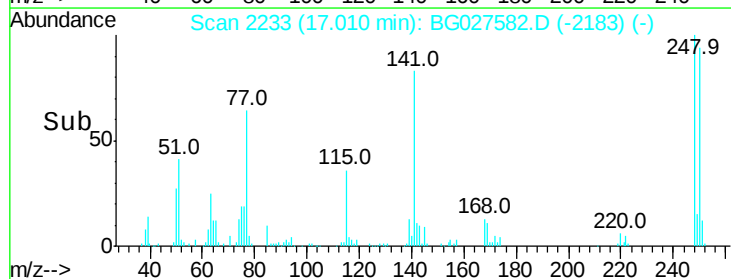
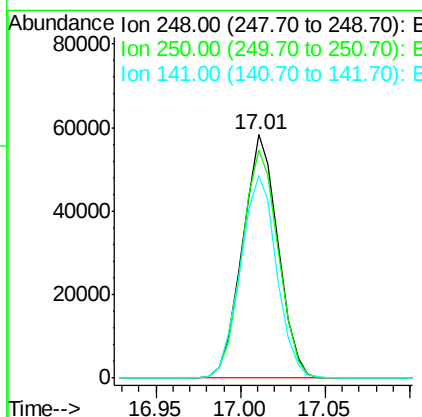
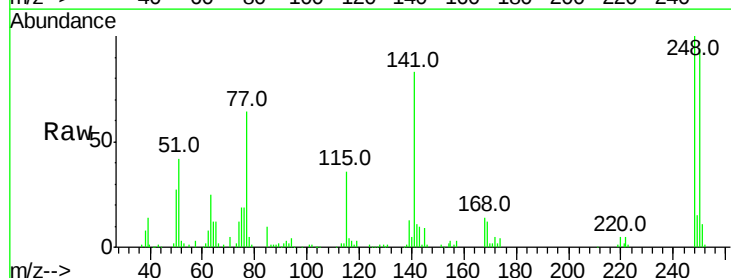
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.7	83.5
167	36.2	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 43.91 ng
RT: 17.01 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	75.0	112.6
141	83.2	55.2	82.8





#67

Hexachlorobenzene

Concen: 42.48 ng

RT: 17.14 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

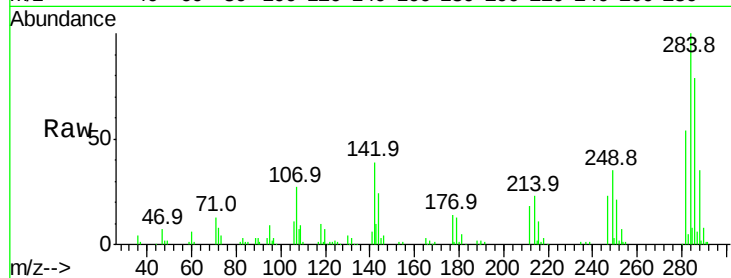
Tot Ion:284 Resp: 88202

Ion Ratio Lower Upper

284 100

142 38.9 29.9 44.9

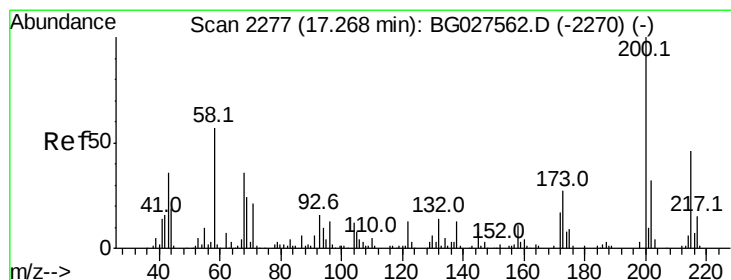
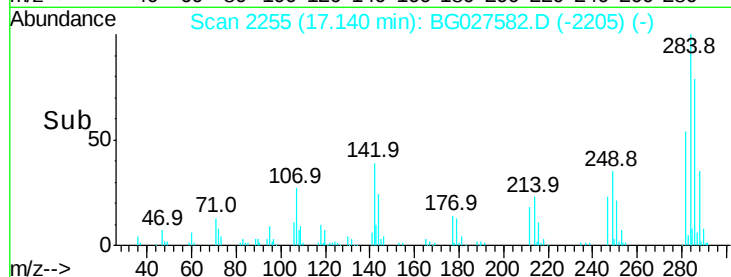
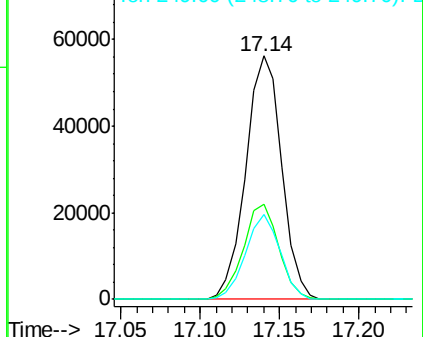
249 34.8 29.2 43.8



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: 46.88 ng

RT: 17.27 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

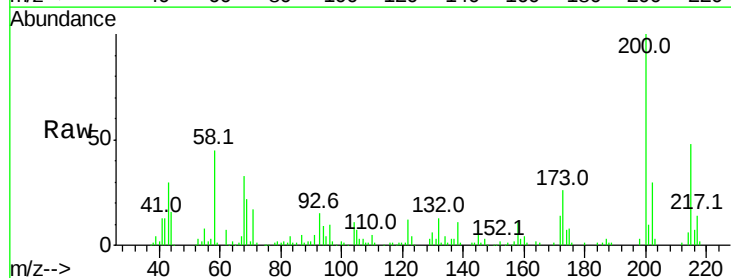
Tgt Ion:200 Resp: 93009

Ion Ratio Lower Upper

200 100

173 25.8 3.0 43.0

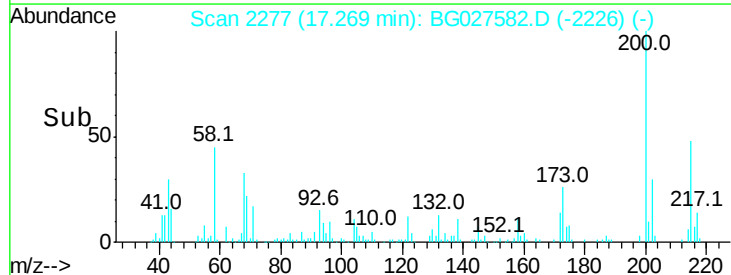
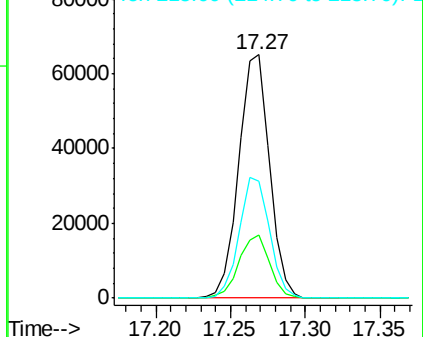
215 48.1 28.4 68.4

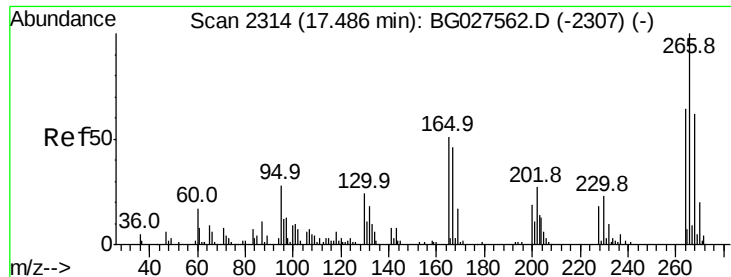


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

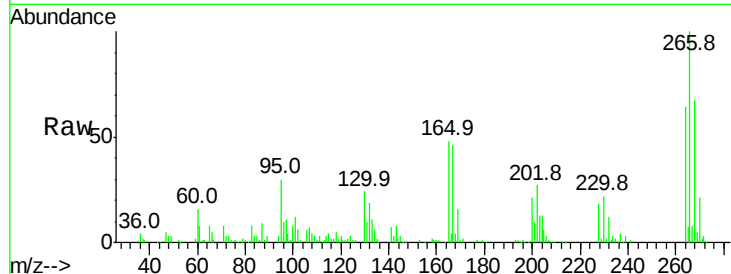




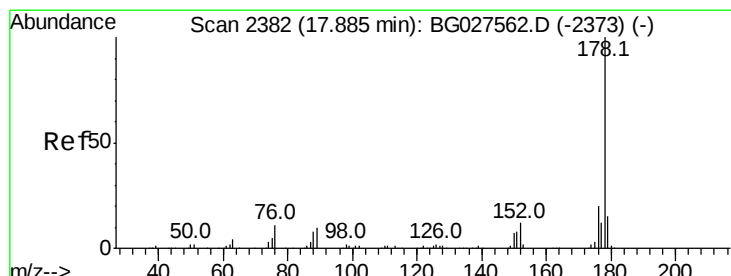
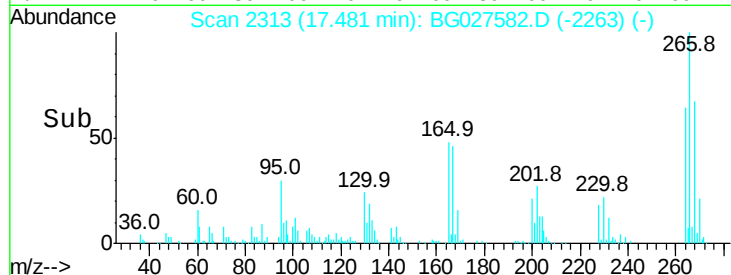
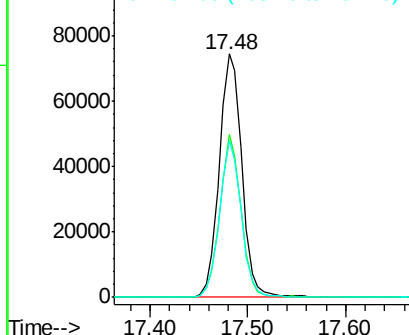
#69
 Pentachlorophenol
 Concen: 92.33 ng
 RT: 17.48 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	48.6	72.8
264	64.1	50.1	75.1

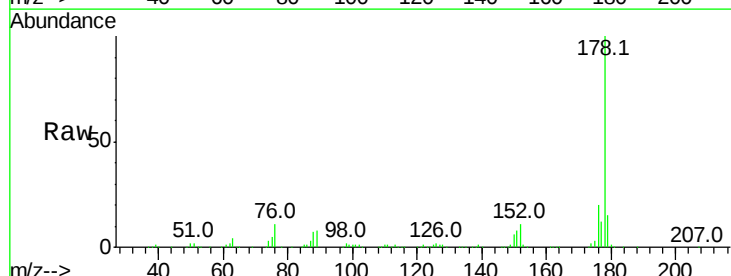


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

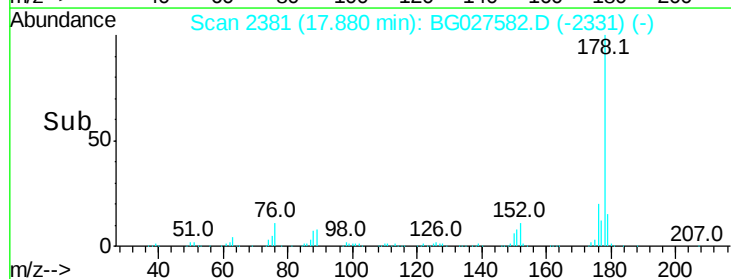
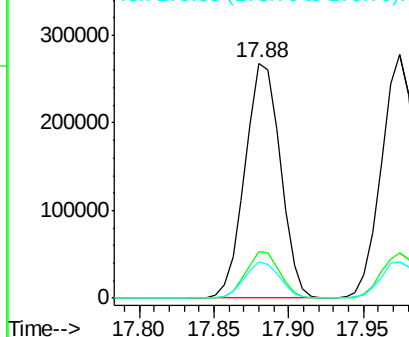


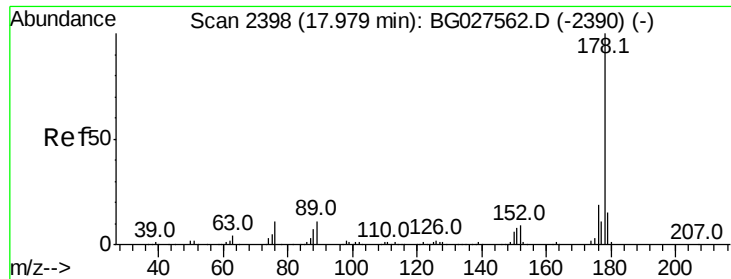
#70
 Phenanthrene
 Concen: 43.79 ng
 RT: 17.88 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.7	26.5
179	15.5	15.0	22.6



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

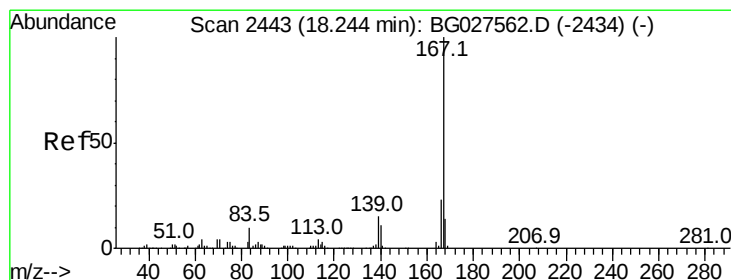
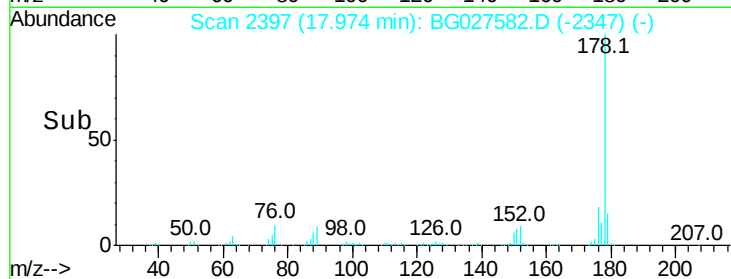
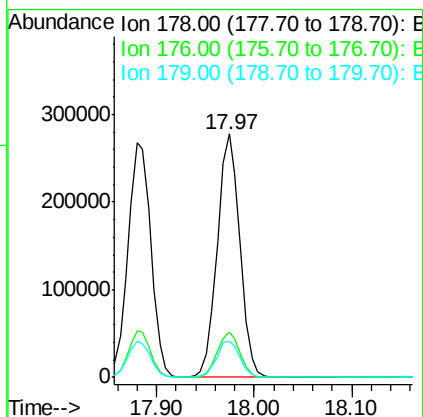
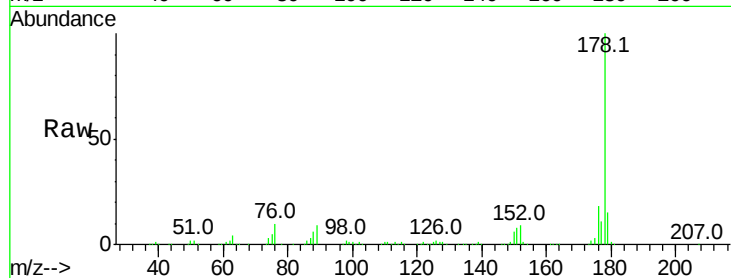




#71
 Anthracene
 Concen: 43.81 ng
 RT: 17.97 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

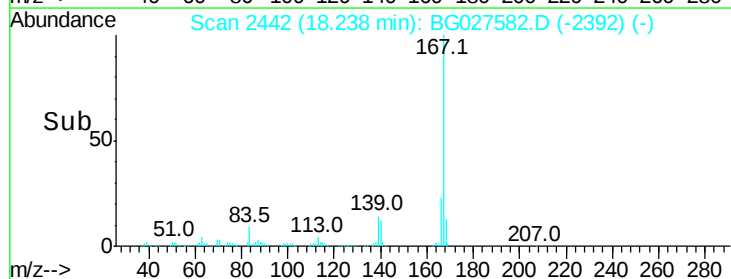
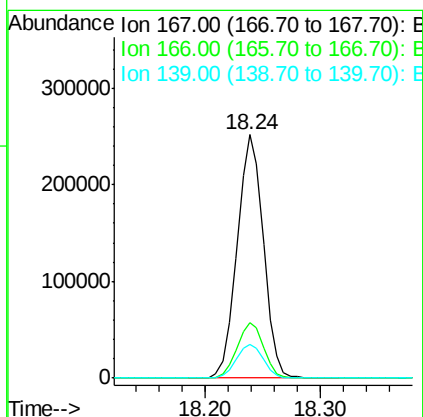
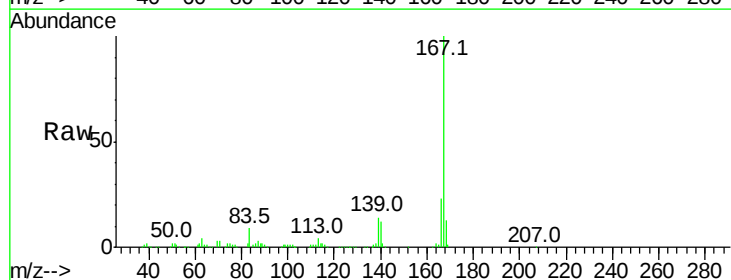
Instrument :
 BNA_G
 ClientSampleId :

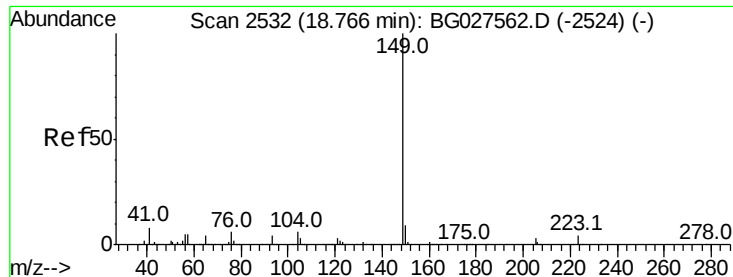
Tot Ion:178 Resp: 443240
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.4 24.6
 179 15.1 13.8 20.8



#72
 Carbazole
 Concen: 40.03 ng
 RT: 18.24 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:167 Resp: 394572
 Ion Ratio Lower Upper
 167 100
 166 23.0 20.2 30.2
 139 14.1 12.8 19.2

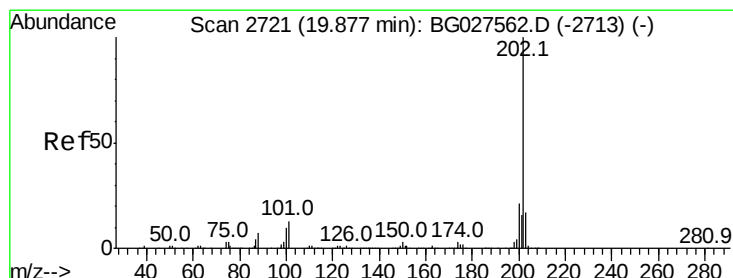
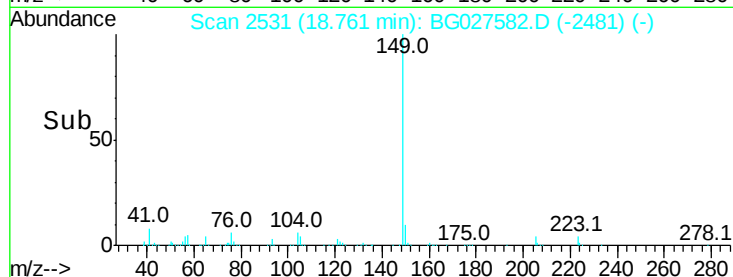
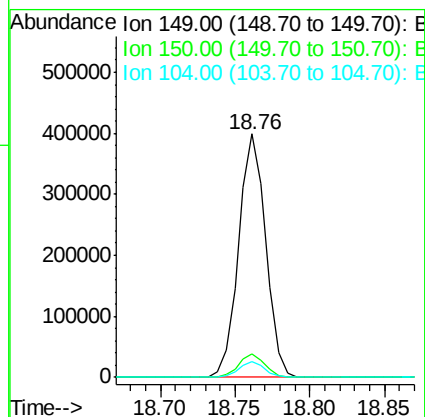
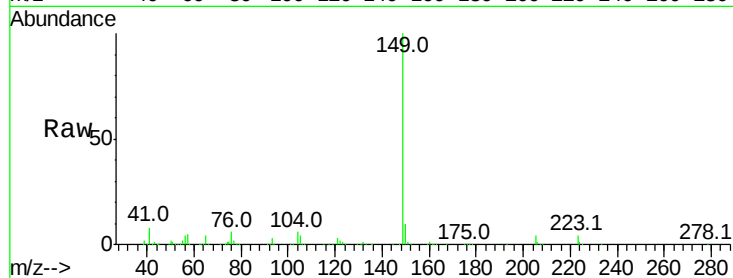




#73
Di-n-butylphthalate
Concen: 45.49 ng
RT: 18.76 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

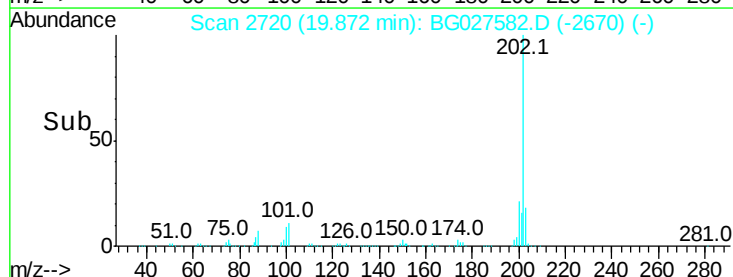
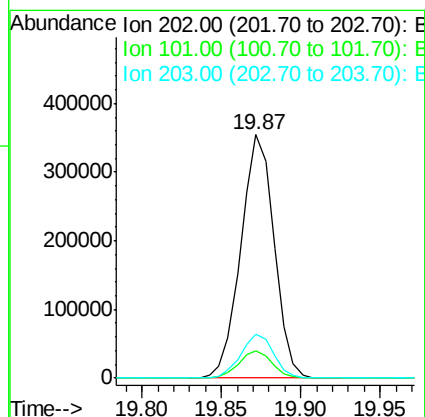
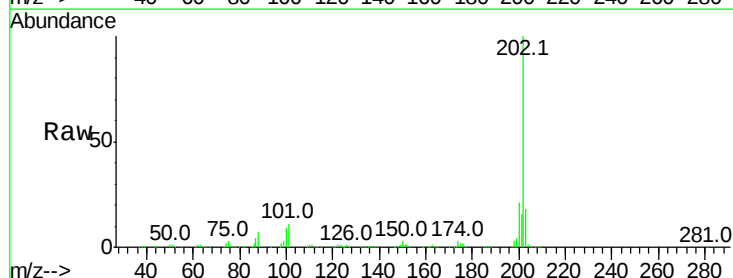
Instrument :
BNA_G
ClientSampleId :

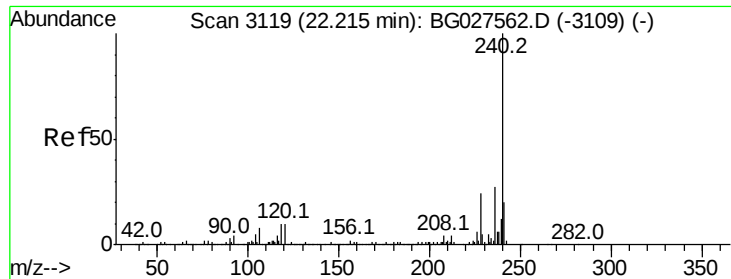
Tot Ion:149 Resp: 502424
Ion Ratio Lower Upper
149 100
150 9.5 9.1 13.7
104 6.2 6.7 10.1#



#74
Fluoranthene
Concen: 44.03 ng
RT: 19.87 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:202 Resp: 515531
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.1
203 18.1 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

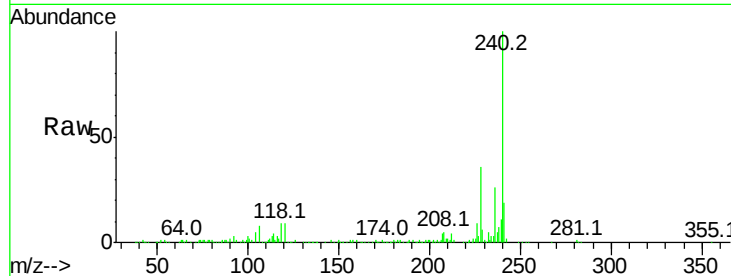
Tot Ion:240 Resp: 203235

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

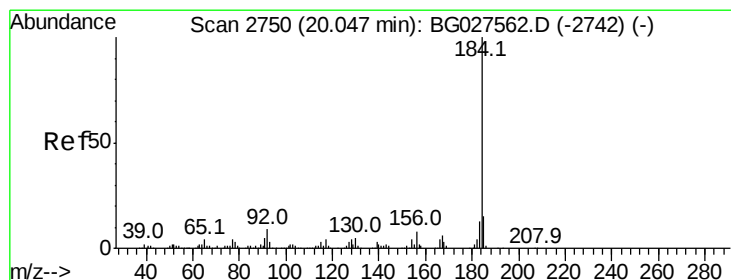
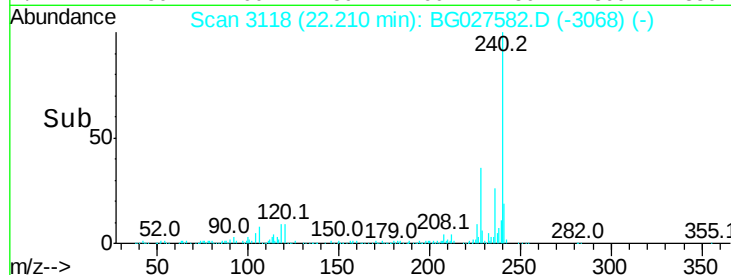
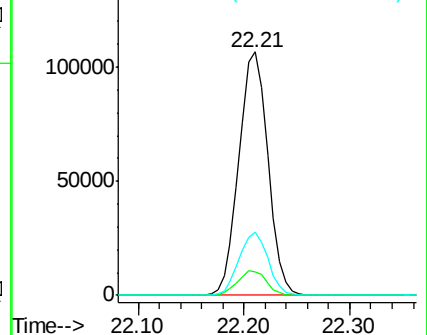
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.80 ng

RT: 20.04 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

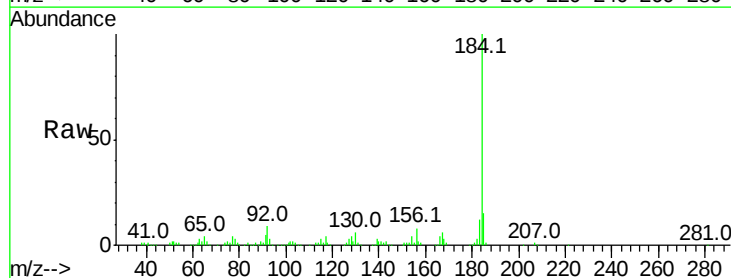
Tgt Ion:184 Resp: 153619

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

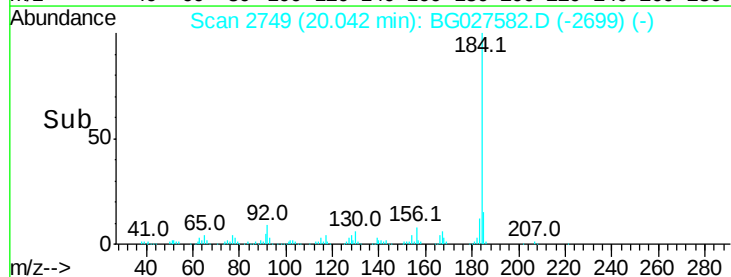
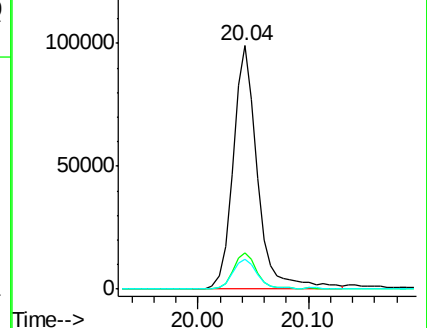
183 12.5 11.0 16.6

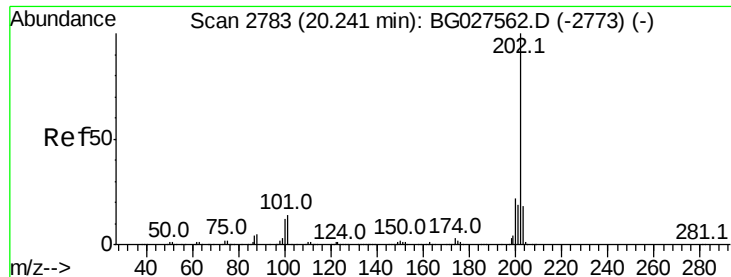


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.23 ng

RT: 20.24 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG027582.D

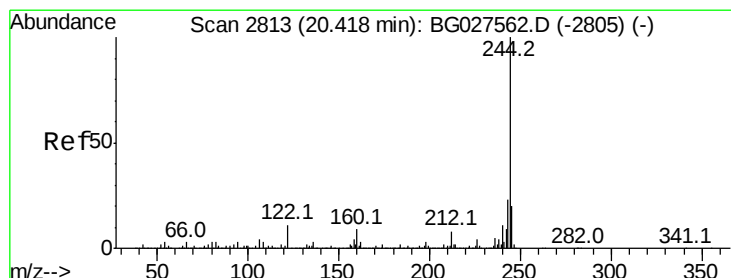
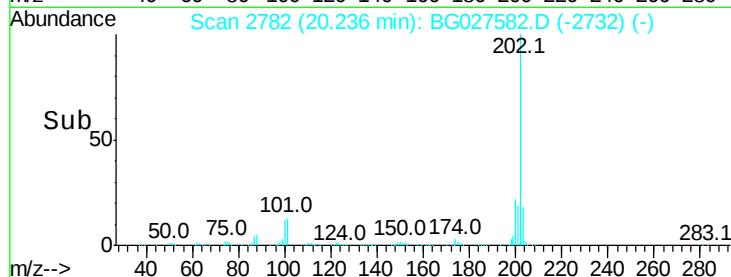
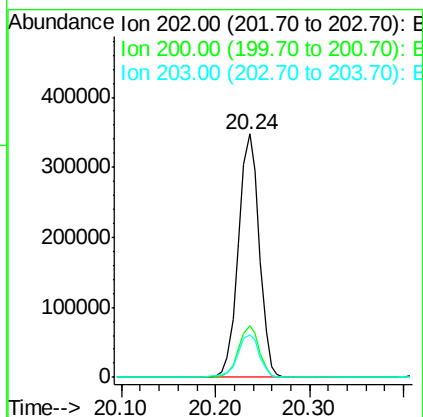
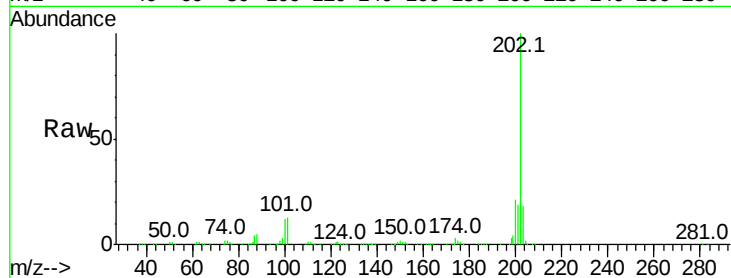
Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	534051
Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.6	29.4
203	17.5	15.8	23.8



#78

Terphenyl-d14

Concen: 90.93 ng

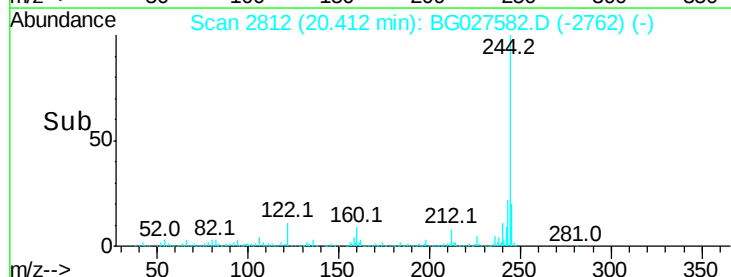
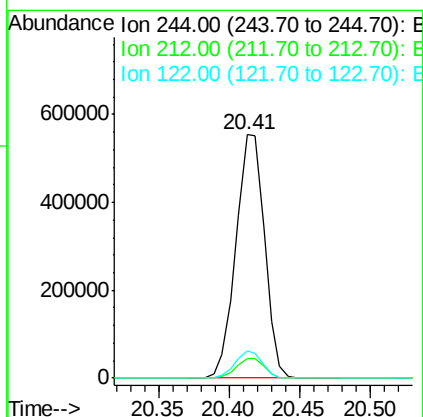
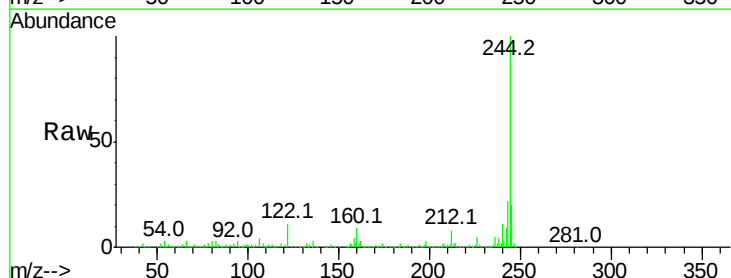
RT: 20.41 min Scan# 2812

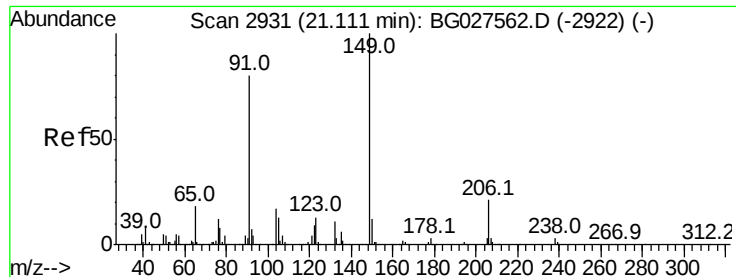
Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Tgt Ion:	244	Resp:	784390
Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	11.5	8.6	12.8

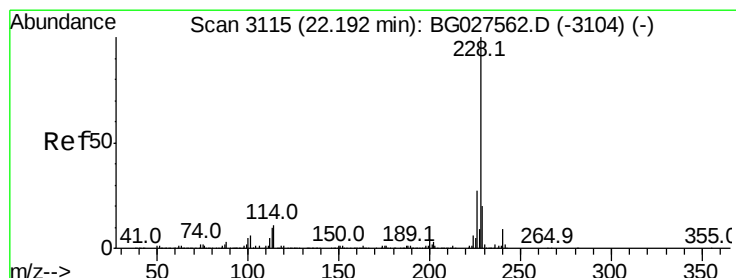
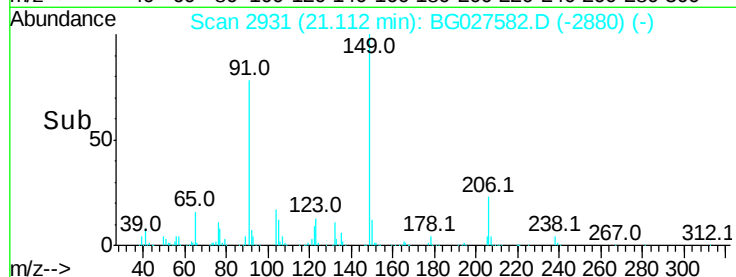
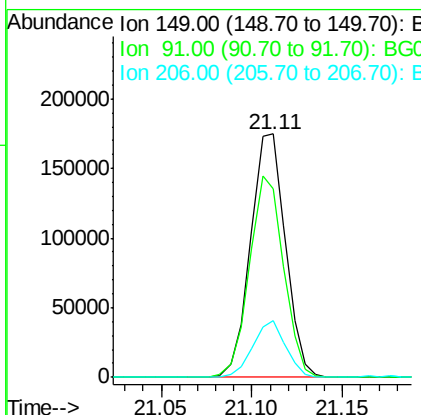
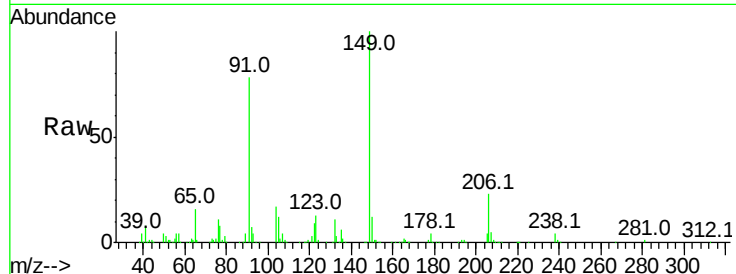




#79
Butylbenzylphthalate
Concen: 45.39 ng
RT: 21.11 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

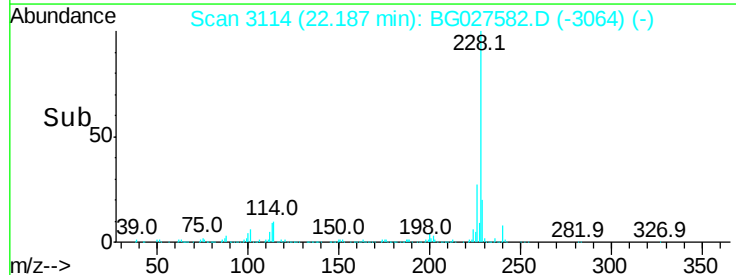
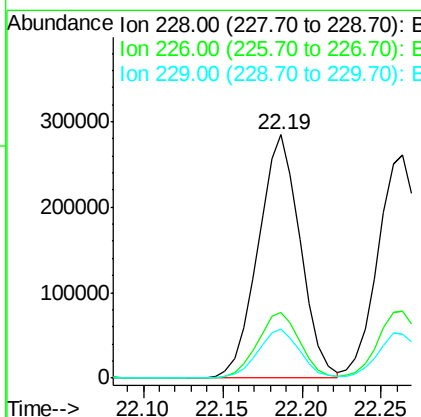
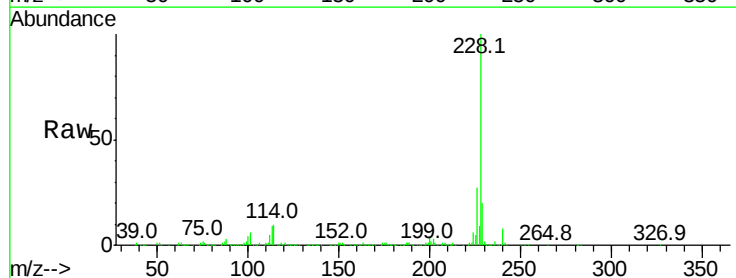
Instrument :
BNA_G
ClientSampleId :

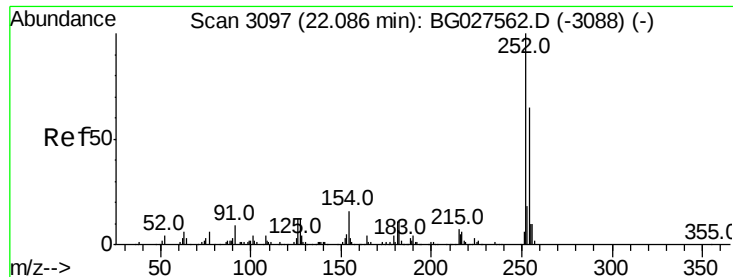
Tot Ion:149 Resp: 234061
Ion Ratio Lower Upper
149 100
91 77.7 63.5 95.3
206 23.2 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.01 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:228 Resp: 524494
Ion Ratio Lower Upper
228 100
226 26.7 24.9 37.3
229 20.4 18.2 27.2

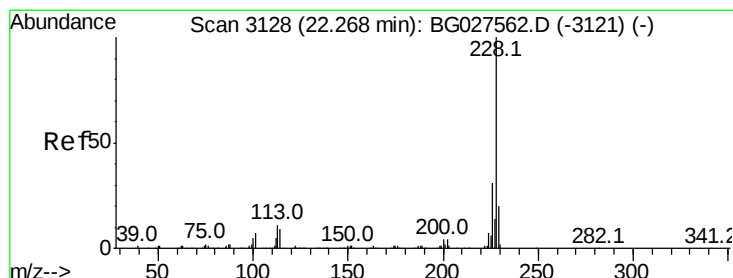
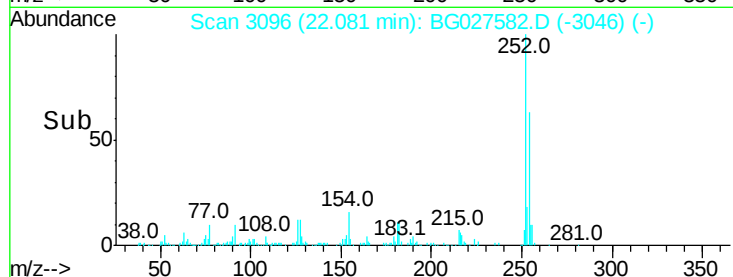
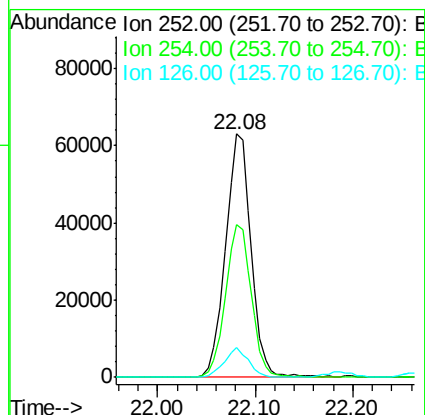
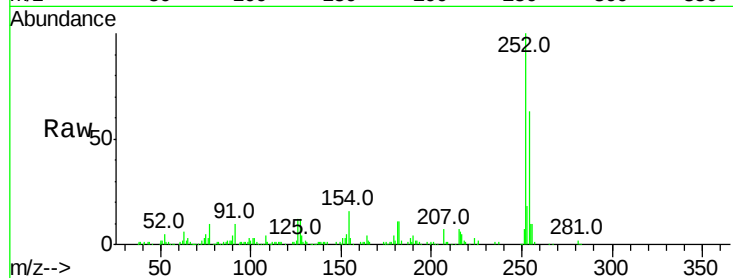




#81
 3,3'-Dichlorobenzidine
 Concen: 25.92 ng
 RT: 22.08 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

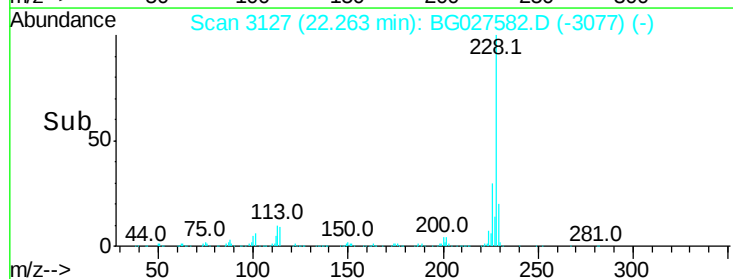
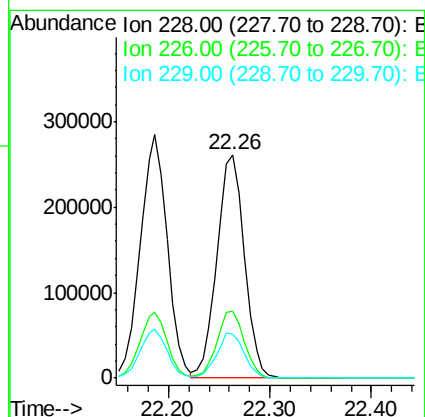
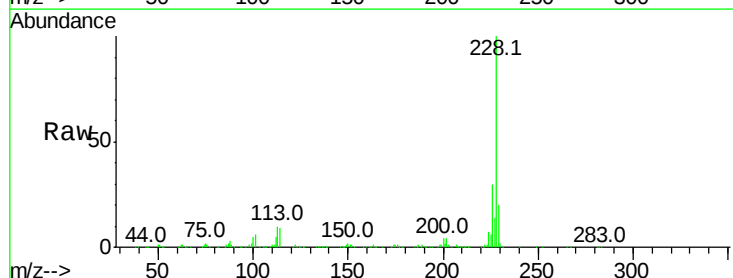
Instrument :
 BNA_G
 ClientSampleId :

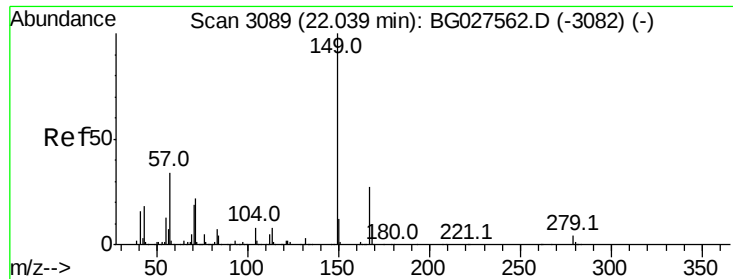
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	53.1	79.7
126	12.5	7.0	10.4



#82
 Chrysene
 Concen: 42.57 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	27.0	40.4
229	19.6	17.8	26.6

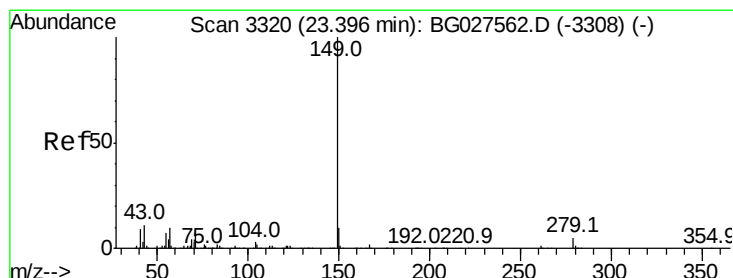
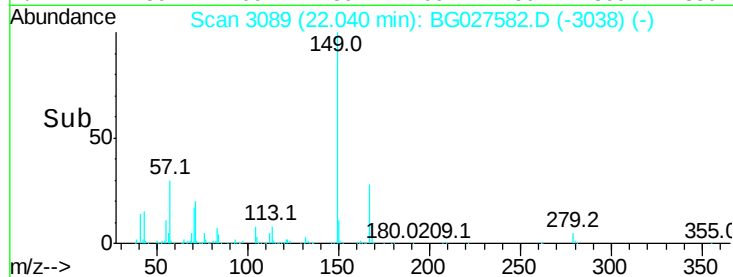
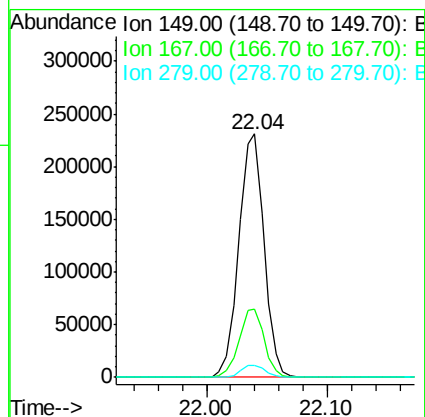
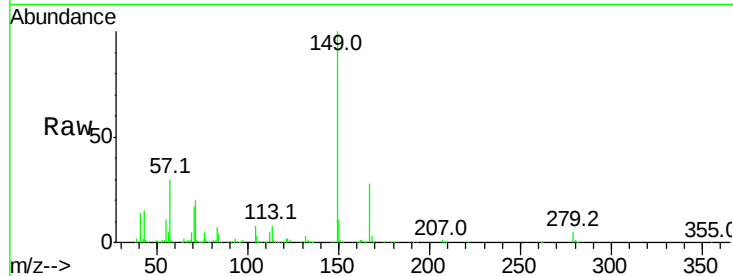




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.45 ng
 RT: 22.04 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

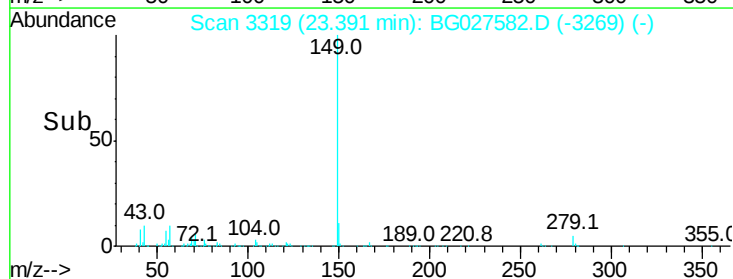
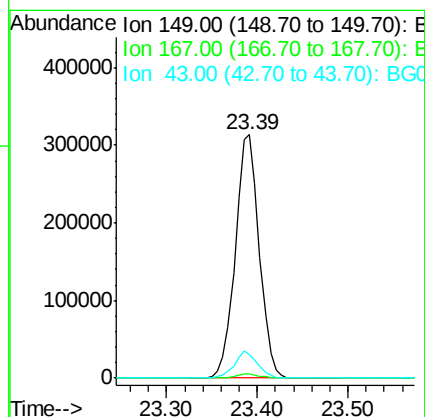
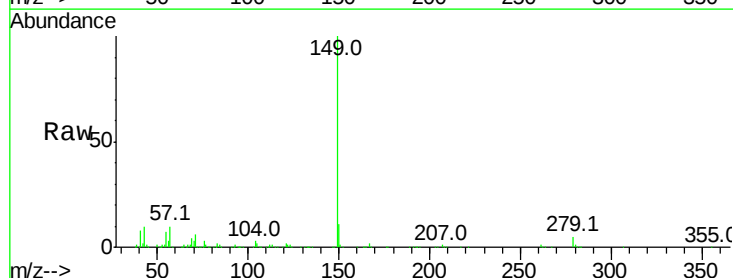
Instrument :
 BNA_G
 ClientSampleId :

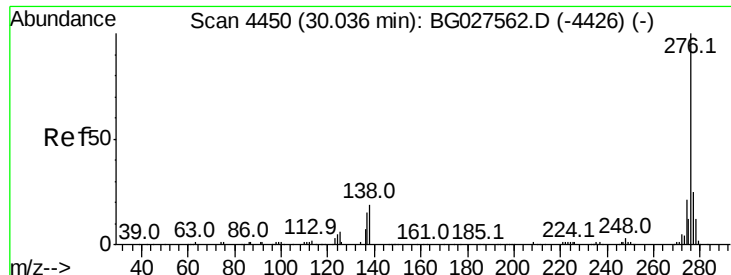
Tot Ion:149 Resp: 335957
 Ion Ratio Lower Upper
 149 100
 167 27.9 23.7 35.5
 279 4.7 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 45.74 ng
 RT: 23.39 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG027582.D
 Acq: 22 Jun 2017 5:47

Tgt Ion:149 Resp: 575042
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 10.6 11.8 17.6#

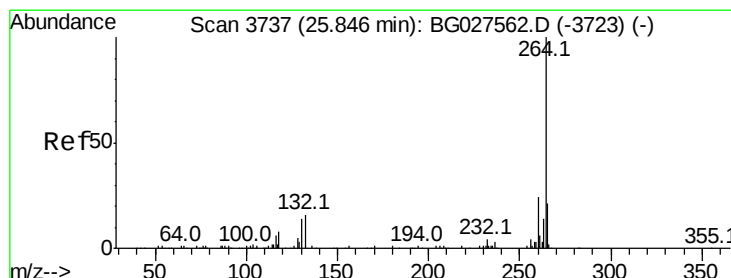
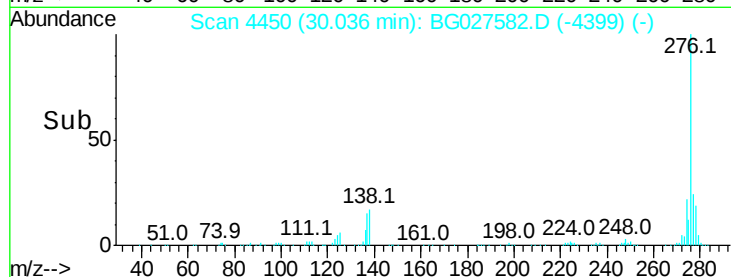
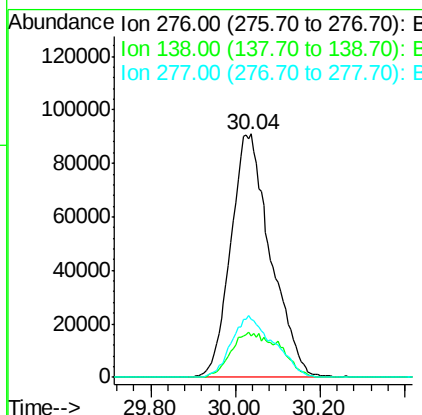
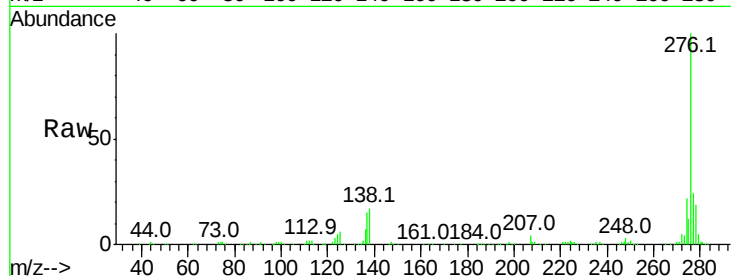




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.12 ng
RT: 30.04 min Scan# 4450
Delta R.T. 0.00 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

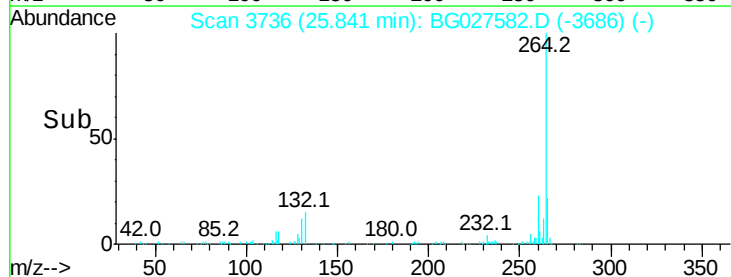
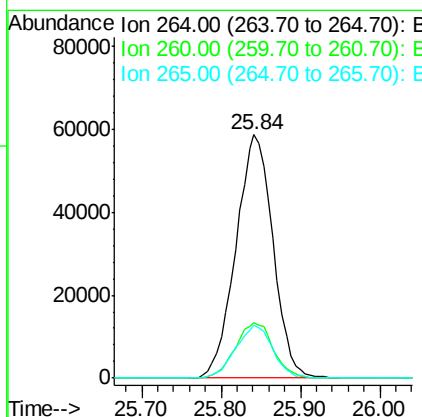
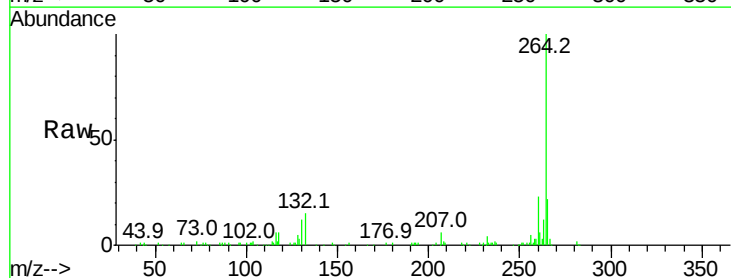
Instrument :
BNA_G
ClientSampleId :

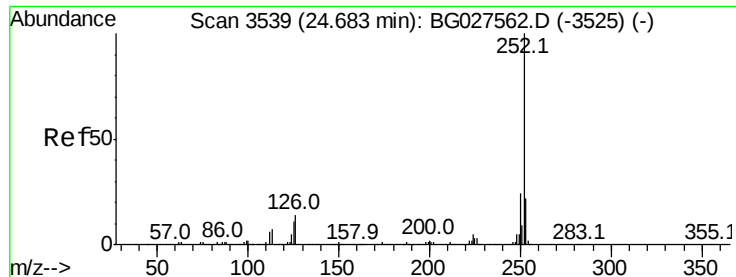
Tot Ion:276 Resp: 594136
Ion Ratio Lower Upper
276 100
138 17.1 4.7 7.1#
277 26.7 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027582.D
Acq: 22 Jun 2017 5:47

Tgt Ion:264 Resp: 190492
Ion Ratio Lower Upper
264 100
260 22.8 21.8 32.8
265 21.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.28 ng

RT: 24.68 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG027582.D

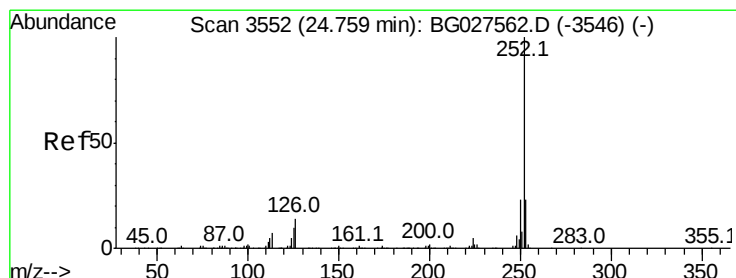
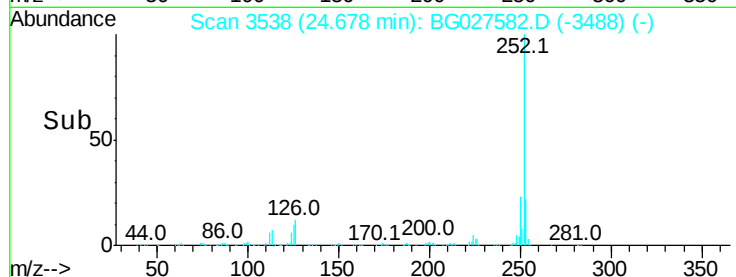
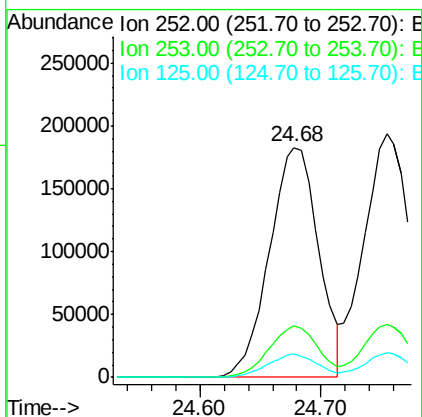
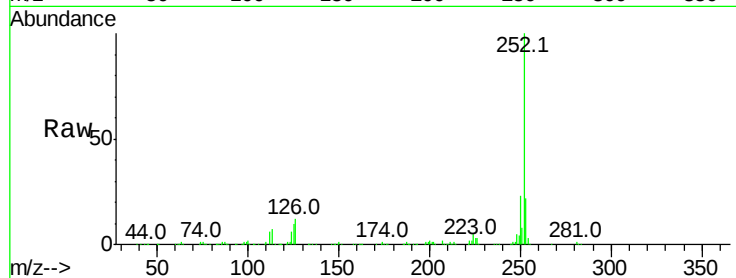
Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	514956
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.7 28.1
125	9.9	5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 43.77 ng

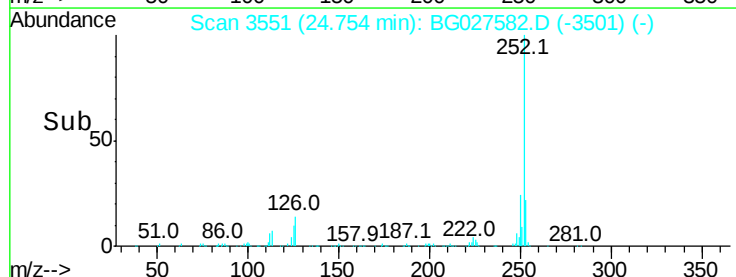
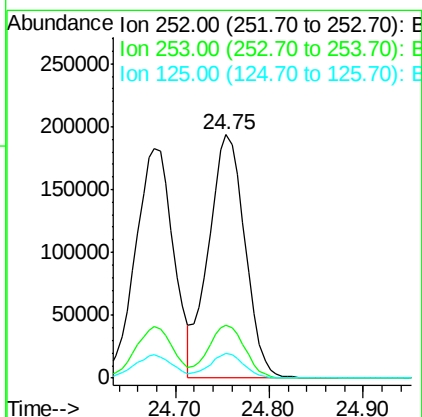
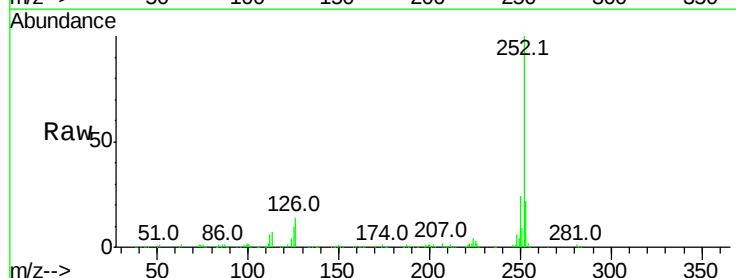
RT: 24.75 min Scan# 3551

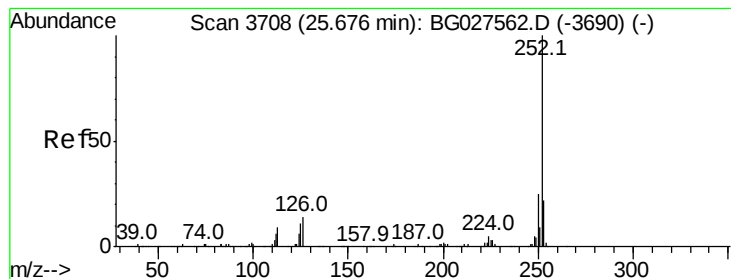
Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Tgt Ion:252	Resp:	521550
Ion Ratio	Lower	Upper
252	100	
253	21.8	20.2 30.2
125	9.9	5.1 7.7#





#89

Benzo(a)pyrene

Concen: 43.54 ng

RT: 25.67 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

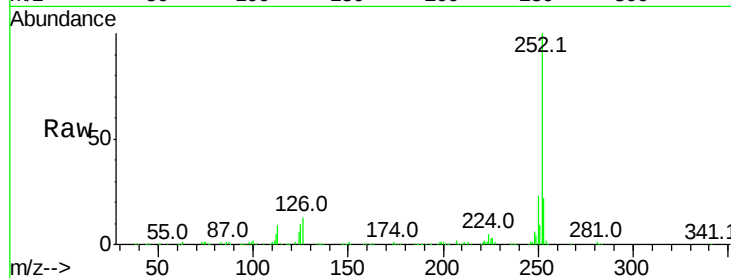
Tot Ion:252 Resp: 500463

Ion Ratio Lower Upper

252 100

253 22.3 19.2 28.8

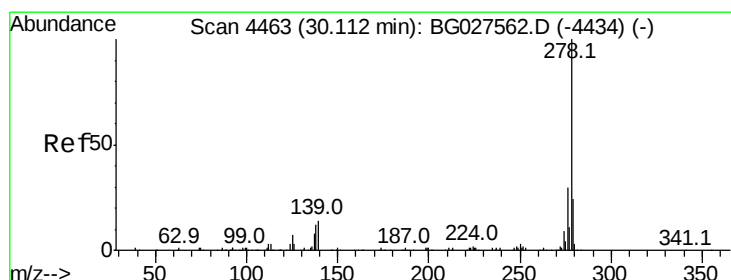
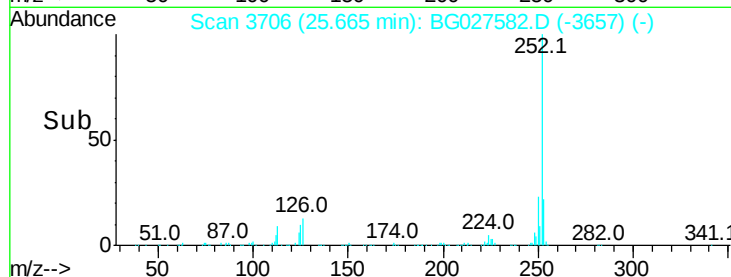
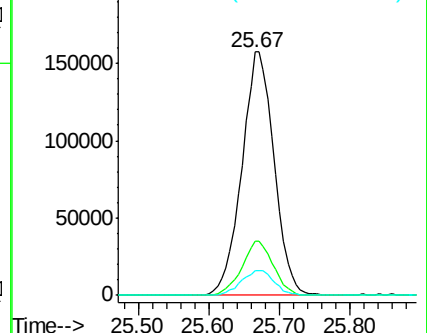
125 10.0 5.4 8.0#



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: 43.27 ng

RT: 30.10 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

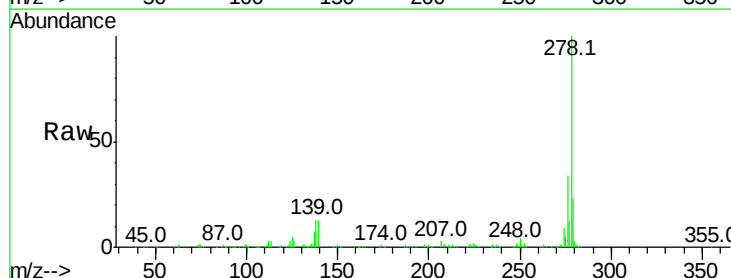
Tgt Ion:278 Resp: 506556

Ion Ratio Lower Upper

278 100

139 13.4 7.7 11.5#

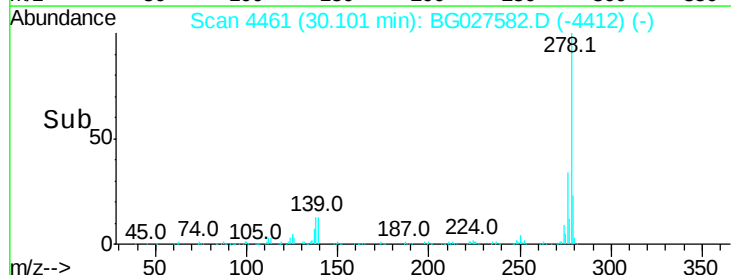
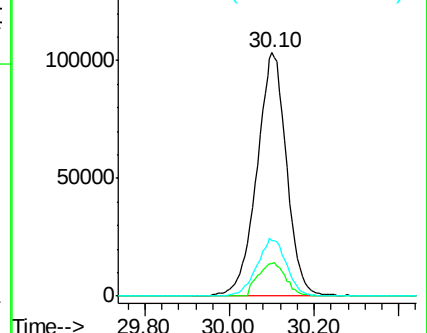
279 23.0 19.1 28.7

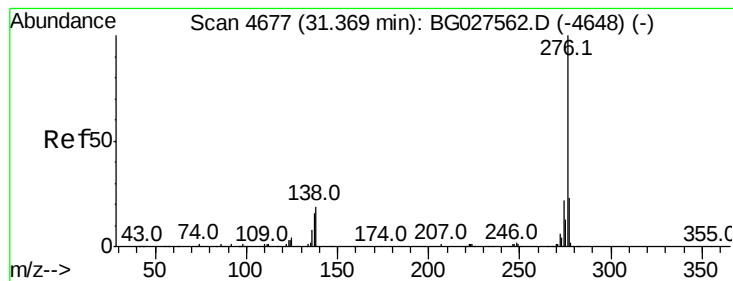


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.84 ng

RT: 31.36 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BG027582.D

Acq: 22 Jun 2017 5:47

Instrument :

BNA_G

ClientSampleId :

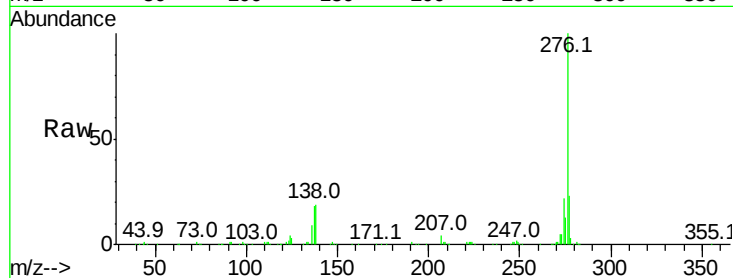
Tot Ion:276 Resp: 487138

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 18.9 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

