

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027588.D
 Acq On : 22 Jun 2017 9:42
 Operator : SJ/JU
 Sample : I3799-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:21:04 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	20266	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	100736	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	66965	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	174710	20.00	ng	0.00
75) Chrysene-d12	22.21	240	199503	20.00	ng	0.00
86) Perylene-d12	25.84	264	186429	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	237765	166.98	ng	0.00
7) Phenol-d6	7.64	99	342059	162.27	ng	0.00
23) Nitrobenzene-d5	9.67	82	219213	102.97	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	172319	172.61	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	503214	102.65	ng	0.00
78) Terphenyl-d14	20.41	244	914505	108.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	4.09	88	22570	40.83	ng	92
3) Pyridine	4.47	79	61575	34.41	ng	# 79
4) n-Nitrosodimethylamine	4.38	42	41430	50.72	ng	83
6) Aniline	7.83	93	120575	46.87	ng	95
8) 2-Chlorophenol	8.07	128	83668	55.53	ng	94
9) Benzaldehyde	7.65	77	56660	39.56	ng	97
10) Phenol	7.67	94	127897	59.56	ng	92
11) bis(2-Chloroethyl)ether	7.91	93	80583	47.94	ng	91
12) 1,3-Dichlorobenzene	8.40	146	76366	48.01	ng	95
13) 1,4-Dichlorobenzene	8.54	146	78581	48.94	ng	97
14) 1,2-Dichlorobenzene	8.86	146	76027	48.18	ng	96
15) Benzyl Alcohol	8.73	79	95732	56.88	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.01	45	120756	43.30	ng	90
17) 2-Methylphenol	8.92	107	78902	52.21	ng	96
18) Hexachloroethane	9.60	117	30627	48.64	ng	87
19) n-Nitroso-di-n-propylamine	9.30	70	80922	48.33	ng	# 86
20) 3+4-Methylphenols	9.25	107	111042	53.67	ng	91
22) Acetophenone	9.32	105	141378	51.18	ng	# 86
24) Nitrobenzene	9.71	77	116055	49.73	ng	93
25) Isophorone	10.23	82	218999	50.07	ng	98
26) 2-Nitrophenol	10.42	139	46005	53.30	ng	95
27) 2,4-Dimethylphenol	10.46	122	90288	55.39	ng	94
28) bis(2-Chloroethoxy)methane	10.70	93	121498	49.29	ng	98
29) 2,4-Dichlorophenol	10.96	162	83601	59.38	ng	97
30) 1,2,4-Trichlorobenzene	11.18	180	81531	50.65	ng	97
31) Naphthalene	11.38	128	269012	49.41	ng	99
32) Benzoic acid	10.55	122	22186	23.85	ng	98
33) 4-Chloroaniline	11.47	127	70782	30.65	ng	95
34) Hexachlorobutadiene	11.65	225	49598	50.99	ng	97
35) Caprolactam	12.25	113	17782	27.10	ng	# 87
36) 4-Chloro-3-methylphenol	12.55	107	124515	57.67	ng	98
37) 2-Methylnaphthalene	12.94	142	209834	53.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	105804	50.38	ng	98
40) Hexachlorocyclopentadiene	13.27	237	127854	113.59	ng	96

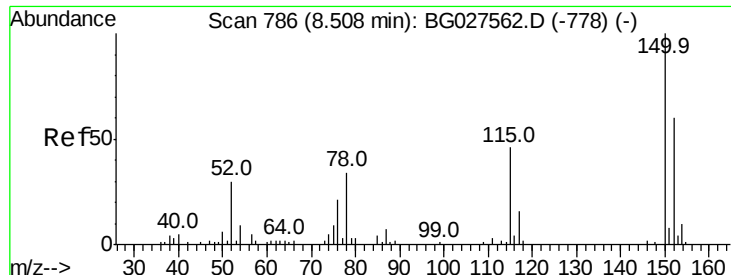
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027588.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	77020	56.76	nq	97
43) 2,4,5-Trichlorophenol	13.60	196	83510	52.37	nq	# 96
45) 1,1'-Biphenyl	13.93	154	285083	51.06	nq	95
46) 2-Chloronaphthalene	13.98	162	211114	50.84	nq	95
47) 2-Nitroaniline	14.17	65	96189	51.59	nq	96
48) Acenaphthylene	14.82	152	349040	47.96	nq	97
49) Dimethylphthalate	14.53	163	524663	89.48	nq	98
50) 2,6-Dinitrotoluene	14.65	165	68742	54.03	nq	93
51) Acenaphthene	15.15	154	277636	54.76	nq	95
52) 3-Nitroaniline	14.99	138	51229	38.15	nq	97
53) 2,4-Dinitrophenol	15.19	184	77115	107.24	nq	# 85
54) Dibenzofuran	15.48	168	354553	53.69	nq	99
55) 4-Nitrophenol	15.28	139	120835	107.47	nq	# 79
56) 2,4-Dinitrotoluene	15.44	165	99230	55.00	nq	# 99
57) Fluorene	16.13	166	310454	49.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	85745	61.07	nq	92
59) Diethylphthalate	15.88	149	335567	52.45	nq	96
60) 4-Chlorophenyl-phenylether	16.11	204	158141	51.38	nq	93
61) 4-Nitroaniline	16.15	138	78402	53.21	nq	# 85
62) Azobenzene	16.40	77	350941	53.49	nq	93
64) 4,6-Dinitro-2-methylphenol	16.20	198	57428	51.76	nq	76
65) n-Nitrosodiphenylamine	16.33	169	271996	50.79	nq	99
66) 4-Bromophenyl-phenylether	17.01	248	102788	53.49	nq	# 88
67) Hexachlorobenzene	17.14	284	107566	52.38	nq	95
68) Atrazine	17.27	200	102708	52.35	nq	97
69) Pentachlorophenol	17.48	266	139420	109.30	nq	99
70) Phenanthrene	17.89	178	504092	50.72	nq	94
71) Anthracene	17.97	178	513023	51.27	nq	97
72) Carbazole	18.24	167	450108	46.17	nq	96
73) Di-n-butylphthalate	18.76	149	573142	52.47	nq	# 95
74) Fluoranthene	19.87	202	595555	51.43	nq	94
76) Benzidine	20.04	184	345367	70.53	nq	98
77) Pyrene	20.24	202	604337	49.83	nq	96
79) Butylbenzylphthalate	21.11	149	267771	52.90	nq	95
80) Benzo(a)anthracene	22.19	228	599859	50.11	nq	93
81) 3,3'-Dichlorobenzidine	22.08	252	146545	33.86	nq	# 99
82) Chrysene	22.26	228	556760	49.09	nq	95
83) Bis(2-ethylhexyl)phthalate	22.04	149	386448	52.09	nq	98
84) Di-n-octyl phthalate	23.39	149	661634	53.61	nq	# 90
85) Indeno(1,2,3-cd)pyrene	30.03	276	691432	53.49	nq	# 95
87) Benzo(b)fluoranthene	24.68	252	611689	51.32	nq	# 95
88) Benzo(k)fluoranthene	24.76	252	581346	49.85	nq	# 94
89) Benzo(a)pyrene	25.68	252	579838	51.55	nq	# 94
90) Dibenzo(a,h)anthracene	30.11	278	588218	51.34	nq	# 96
91) Benzo(g,h,i)perylene	31.35	276	560624	50.37	nq	# 92

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

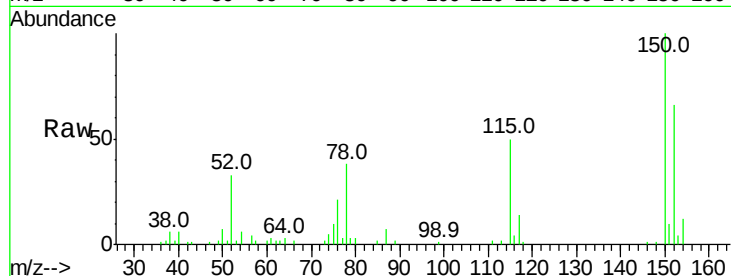


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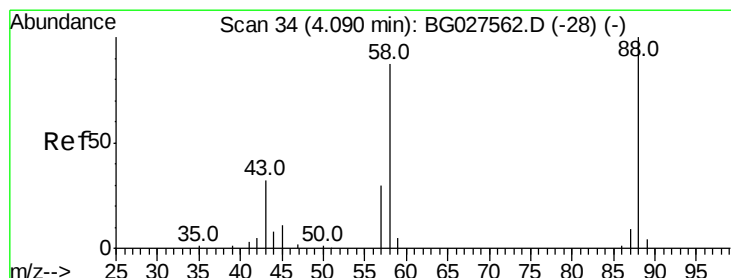
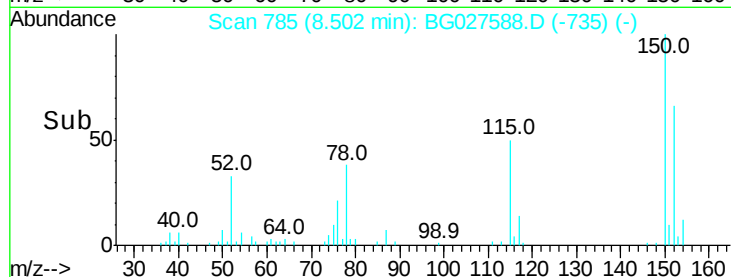
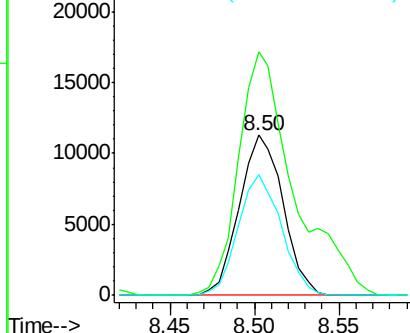
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20266
Ion Ratio Lower Upper
152 100
150 152.3 114.0 171.0
115 75.6 48.1 72.1#



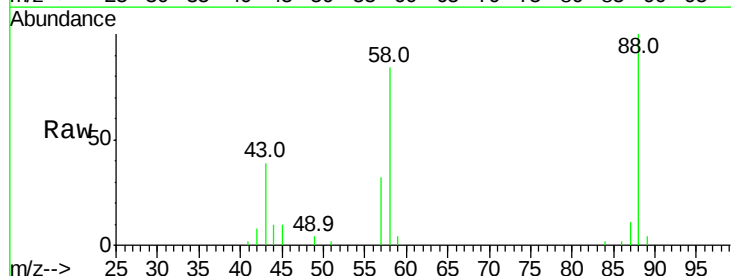
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



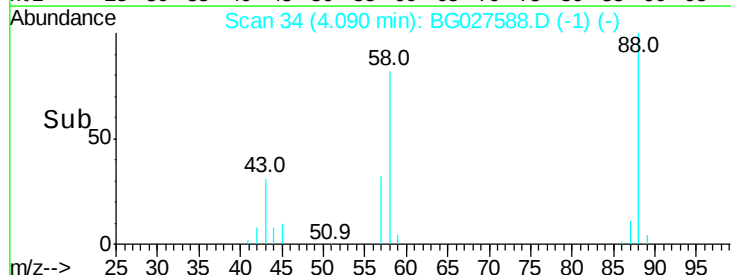
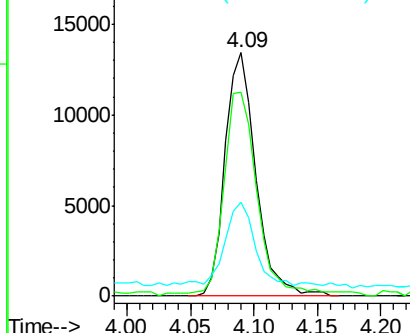
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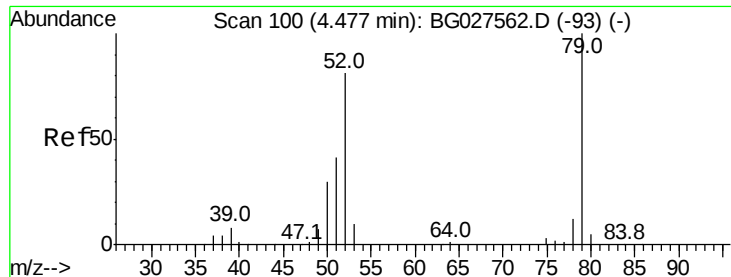
1,4-Dioxane
Concen: 40.83 ng
RT: 4.09 min Scan# 34
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion: 88 Resp: 22570
Ion Ratio Lower Upper
88 100
58 92.2 79.4 119.2
43 35.0 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: 34.41 ng

RT: 4.47 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

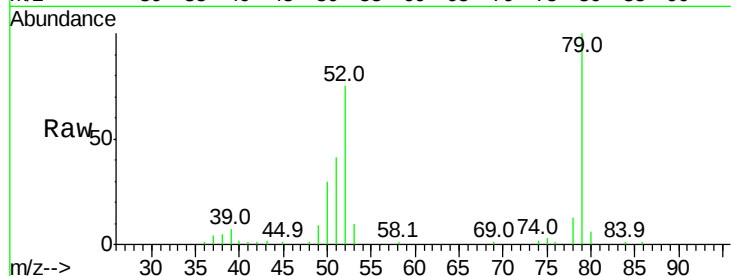
Tot Ion: 79 Resp: 61575

Ion Ratio Lower Upper

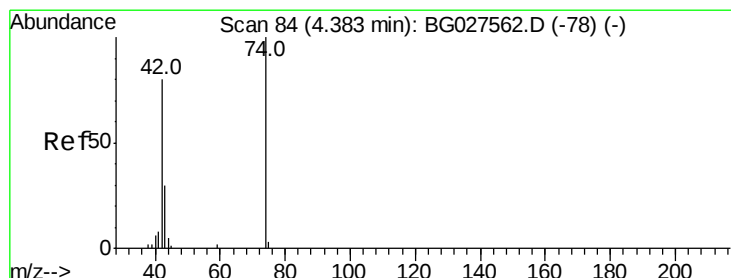
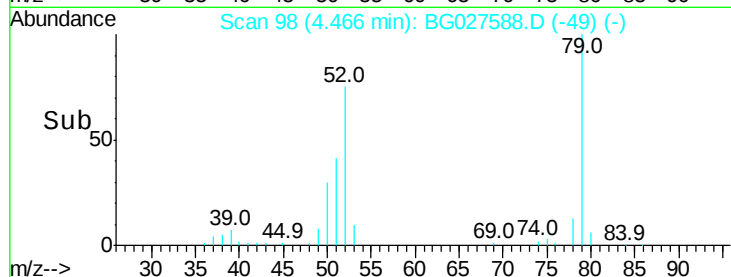
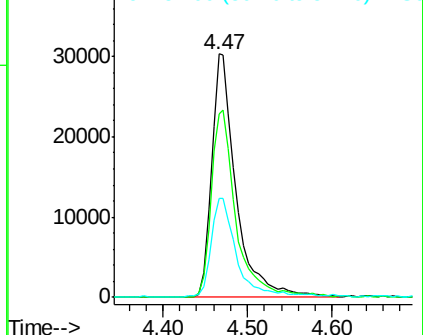
79 100

52 75.2 77.8 116.6#

51 40.5 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: 50.72 ng

RT: 4.38 min Scan# 83

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

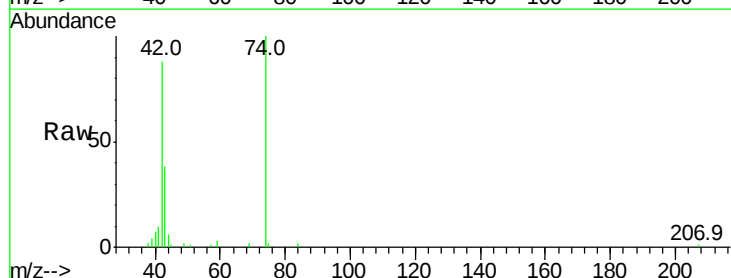
Tgt Ion: 42 Resp: 41430

Ion Ratio Lower Upper

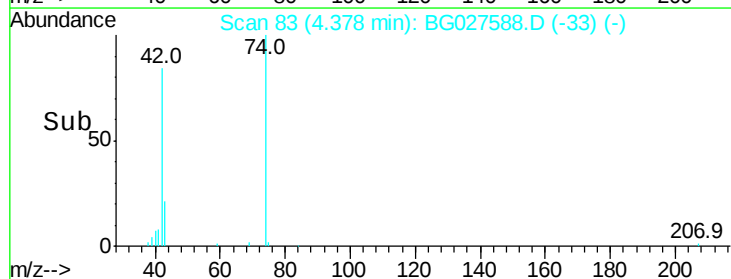
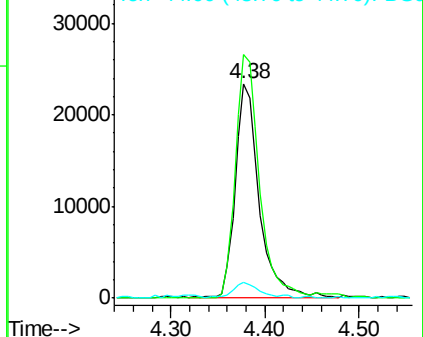
42 100

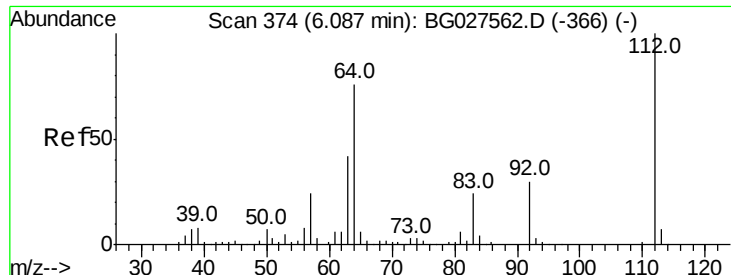
74 113.5 76.7 115.1

44 7.1 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: 166.98 ng

RT: 6.09 min Scan# 374

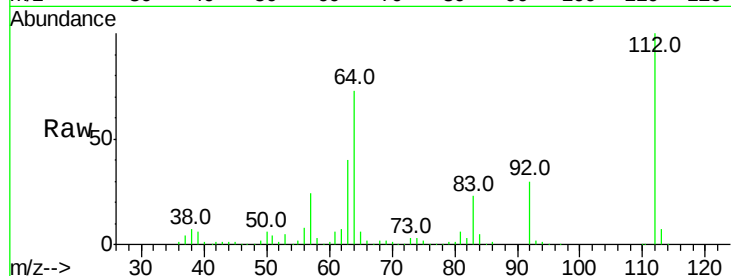
Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

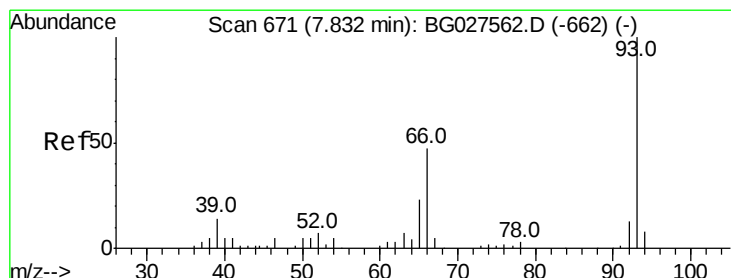
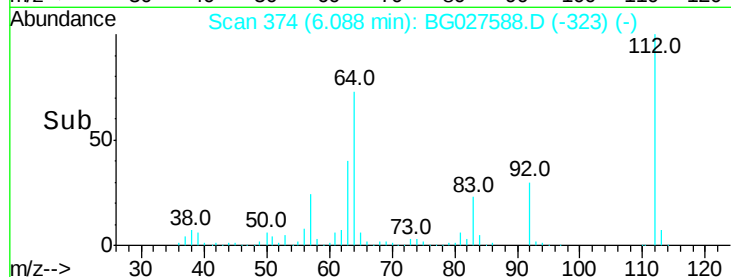
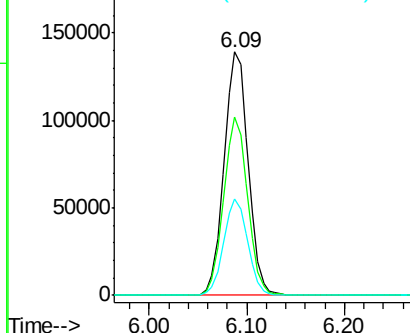
Tot Ion:	112	Resp:	237765
Ion	Ratio	Lower	Upper
112	100		
64	73.2	61.8	92.6
63	39.8	37.2	55.8



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: 46.87 ng

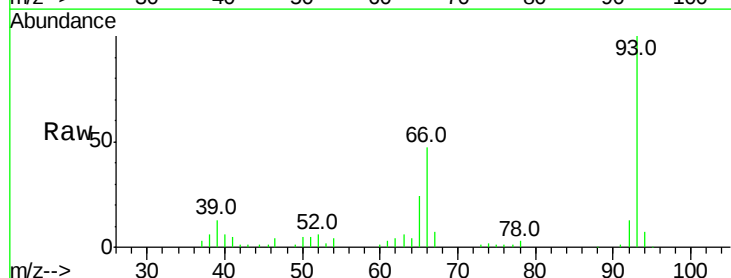
RT: 7.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

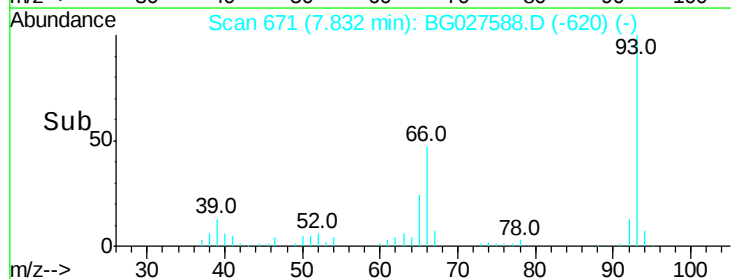
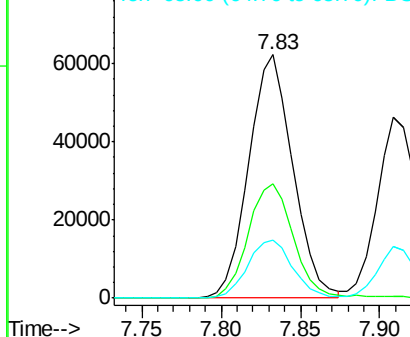
Tgt Ion:	93	Resp:	120575
Ion	Ratio	Lower	Upper
93	100		
66	47.2	35.4	53.2
65	24.0	21.2	31.8

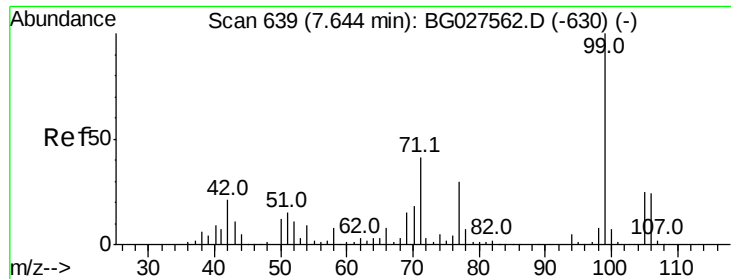


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.27 ng

RT: 7.64 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

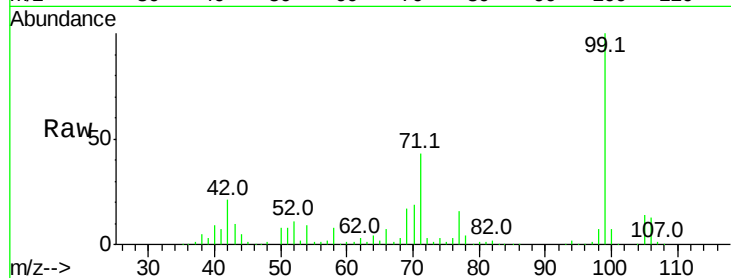
Tot Ion: 99 Resp: 342059

Ion Ratio Lower Upper

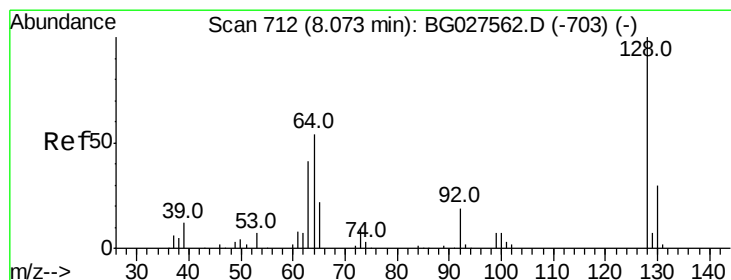
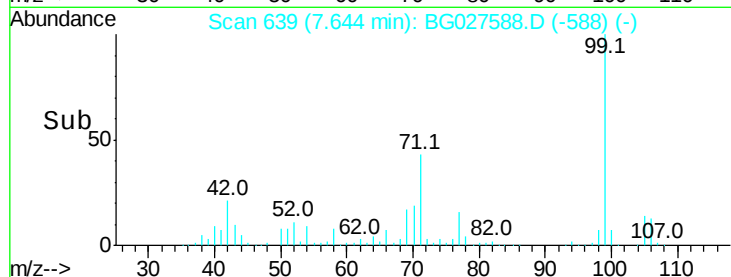
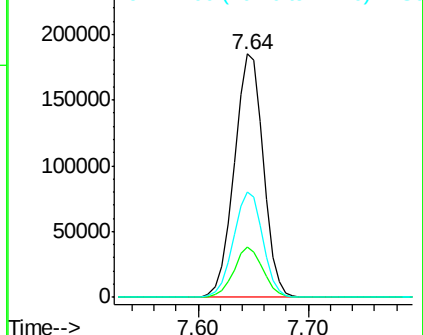
99 100

42 20.6 20.5 30.7

71 43.4 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: 55.53 ng

RT: 8.07 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

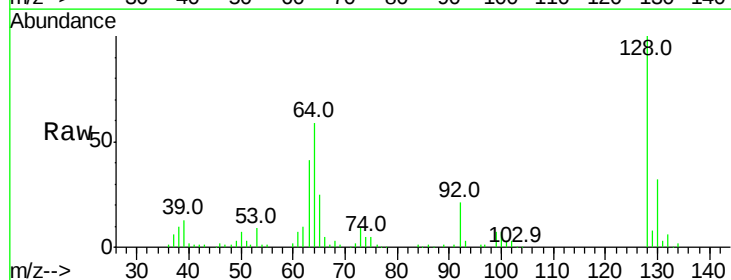
Tgt Ion: 128 Resp: 83668

Ion Ratio Lower Upper

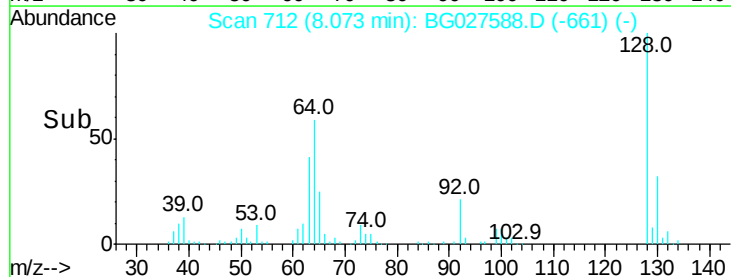
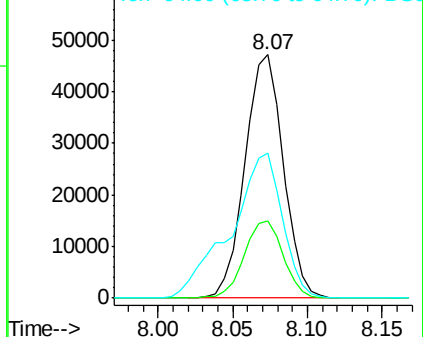
128 100

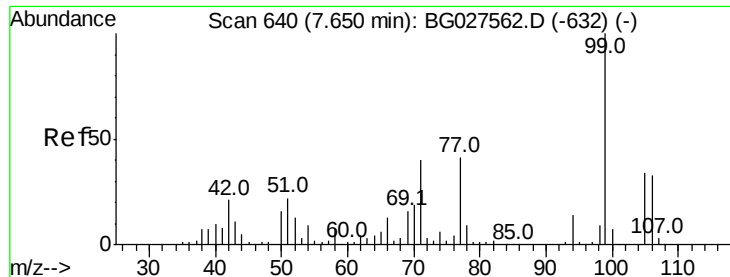
130 31.7 11.4 51.4

64 59.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 39.56 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

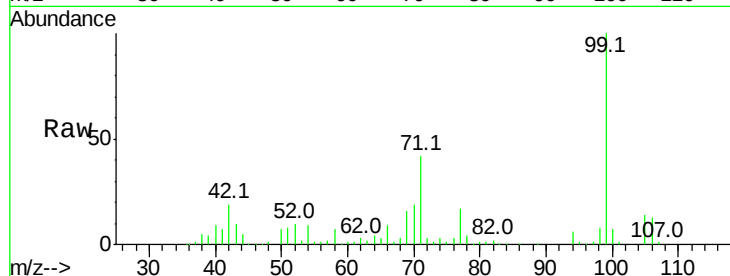
Tot Ion: 77 Resp: 56660

Ion Ratio Lower Upper

77 100

105 83.7 60.9 100.9

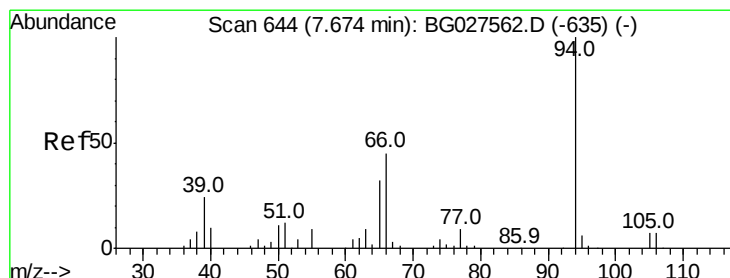
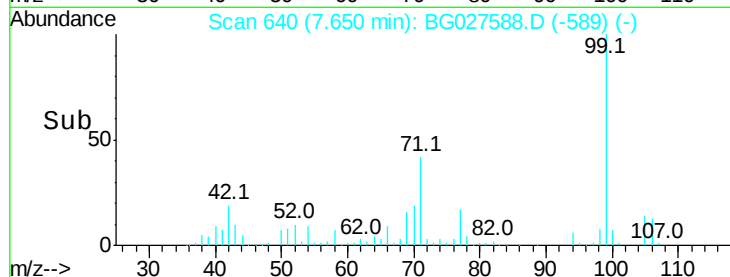
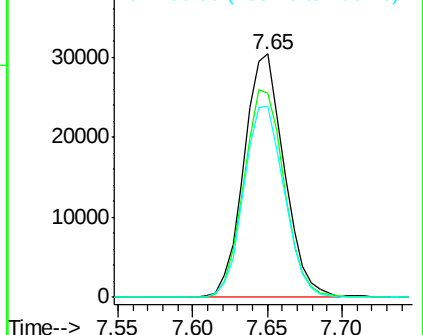
106 78.3 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 59.56 ng

RT: 7.67 min Scan# 644

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

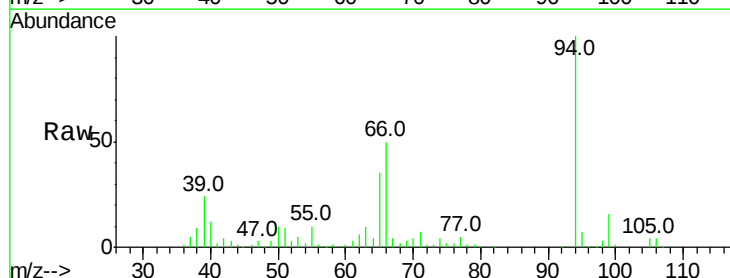
Tgt Ion: 94 Resp: 127897

Ion Ratio Lower Upper

94 100

65 35.2 20.6 60.6

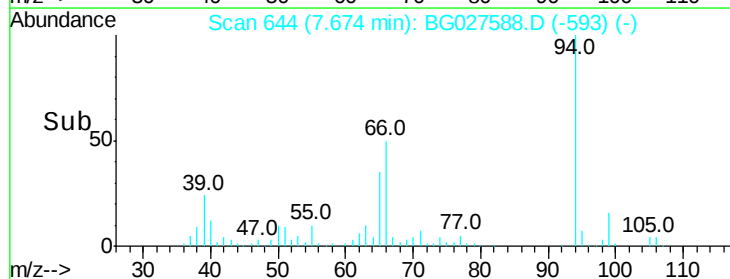
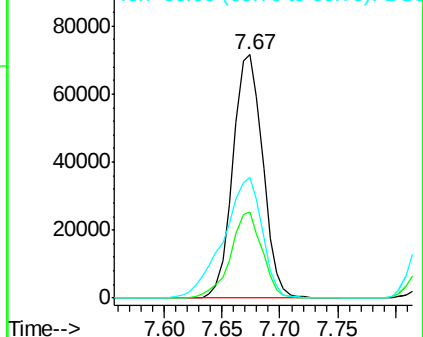
66 49.7 35.5 75.5

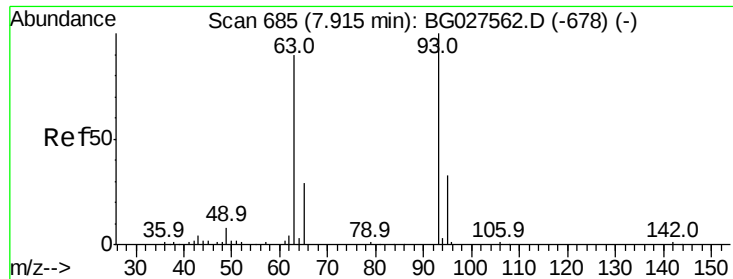


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.94 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

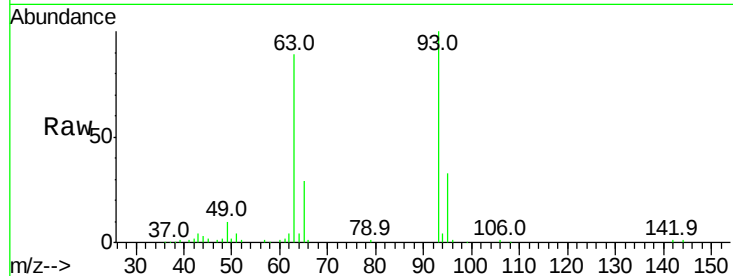
Tot Ion: 93 Resp: 80583

Ion Ratio Lower Upper

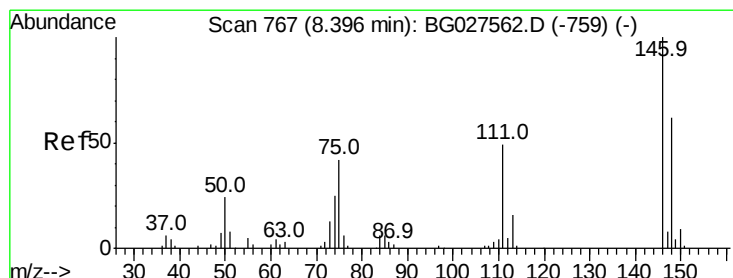
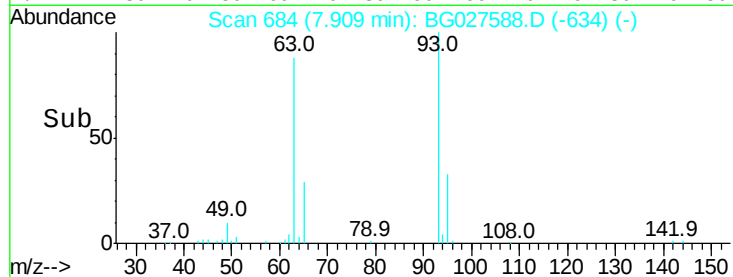
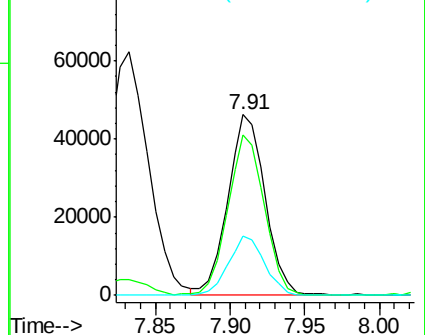
93 100

63 88.7 78.5 118.5

95 32.8 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 48.01 ng

RT: 8.40 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

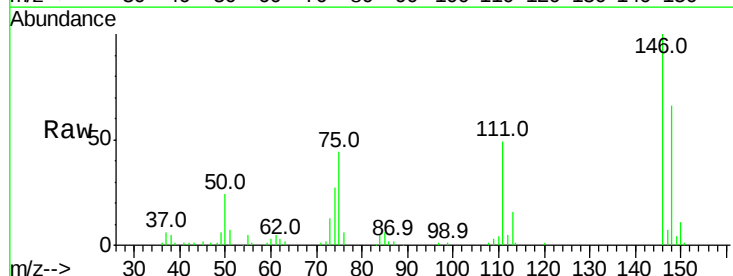
Tgt Ion: 146 Resp: 76366

Ion Ratio Lower Upper

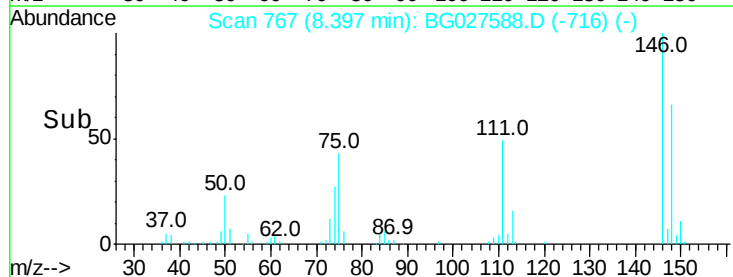
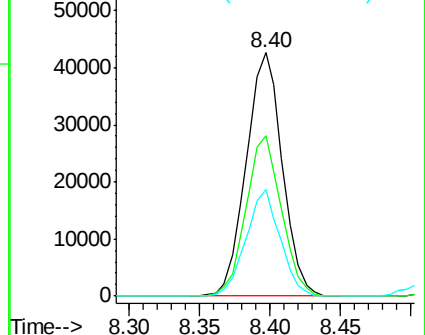
146 100

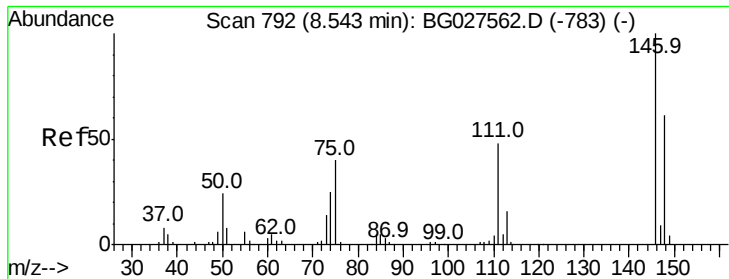
148 65.8 49.2 73.8

75 43.7 33.4 50.2



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

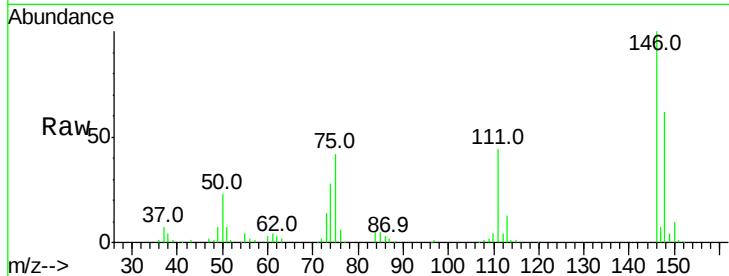




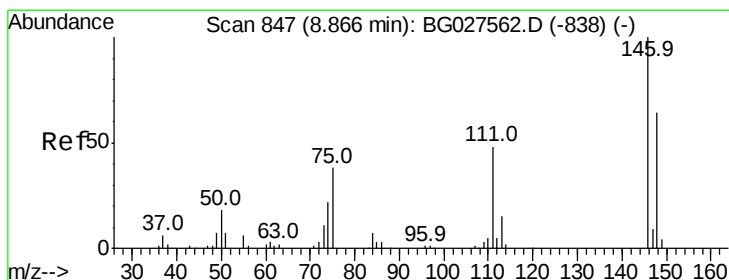
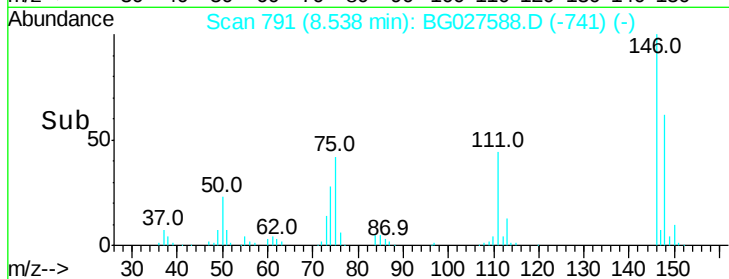
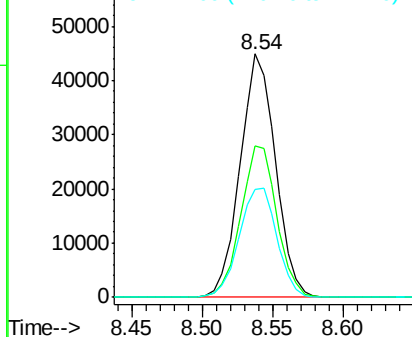
#13
 1,4-Dichlorobenzene
 Concen: 48.94 ng
 RT: 8.54 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 78581
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.2 78.2
 111 44.3 37.0 55.6

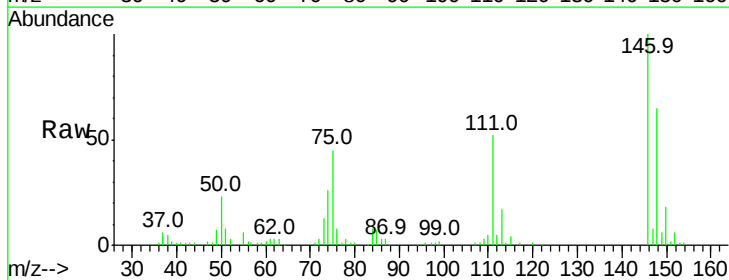


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

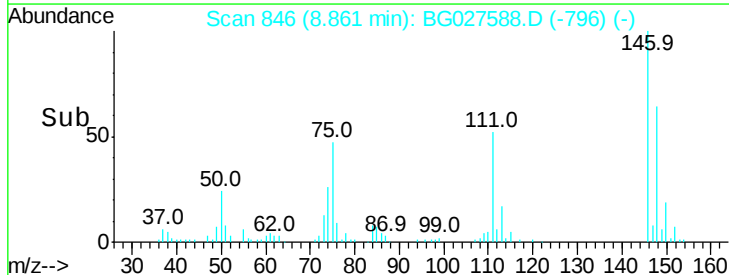
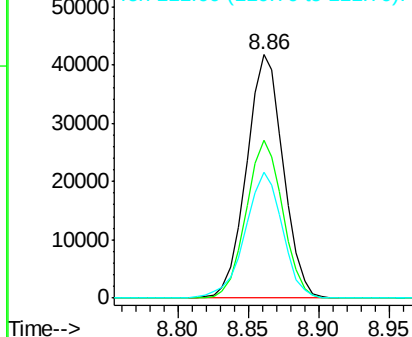


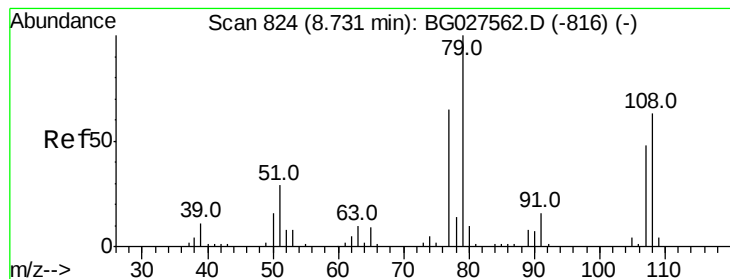
#14
 1,2-Dichlorobenzene
 Concen: 48.18 ng
 RT: 8.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:146 Resp: 76027
 Ion Ratio Lower Upper
 146 100
 148 64.8 54.6 81.8
 111 51.9 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: 56.88 ng

RT: 8.73 min Scan# 824

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

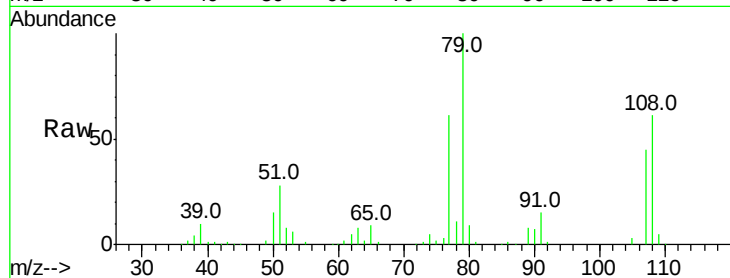
Tot Ion: 79 Resp: 95732

Ion Ratio Lower Upper

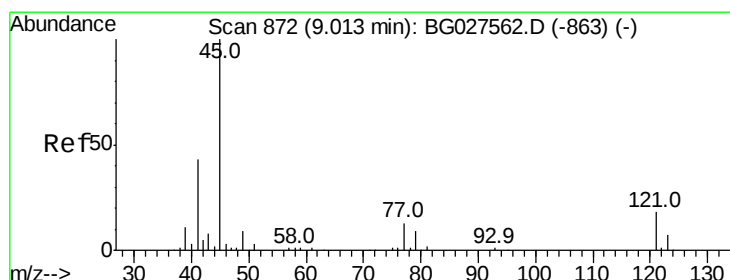
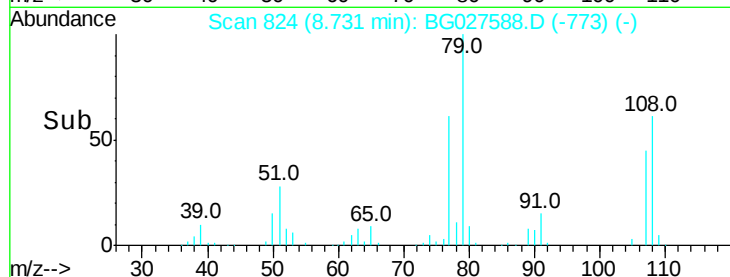
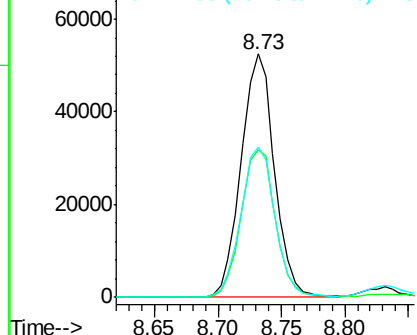
79 100

108 60.8 45.5 68.3

77 61.4 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: 43.30 ng

RT: 9.01 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

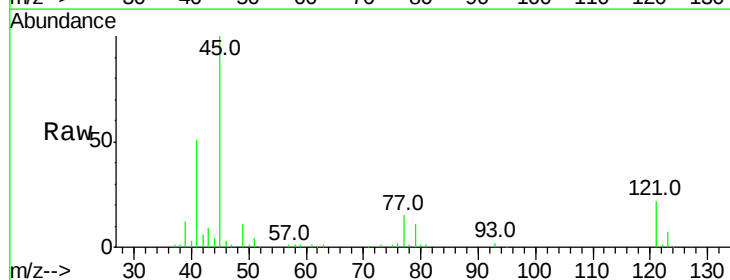
Tgt Ion: 45 Resp: 120756

Ion Ratio Lower Upper

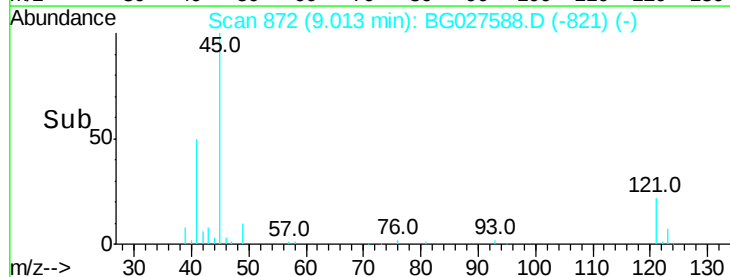
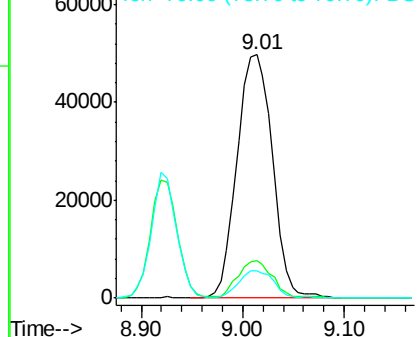
45 100

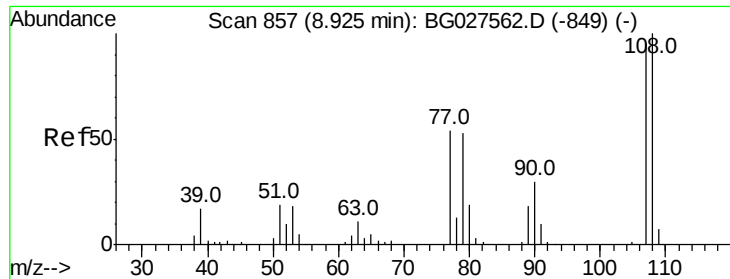
77 15.5 0.0 30.6

79 11.1 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

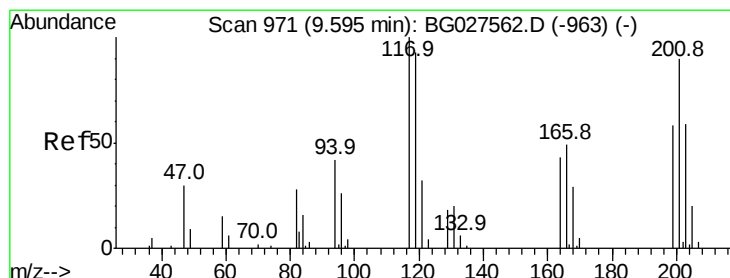
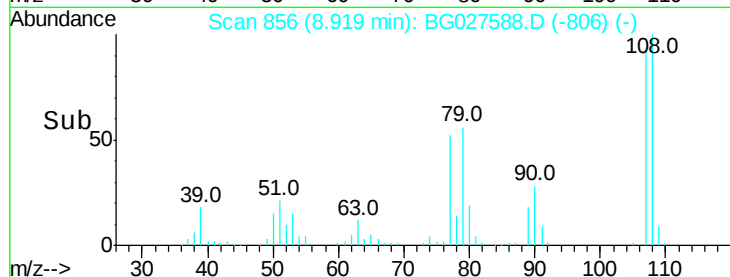
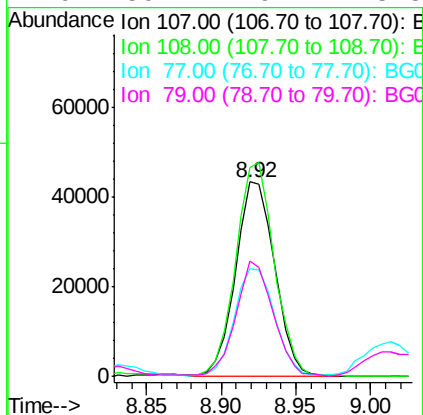
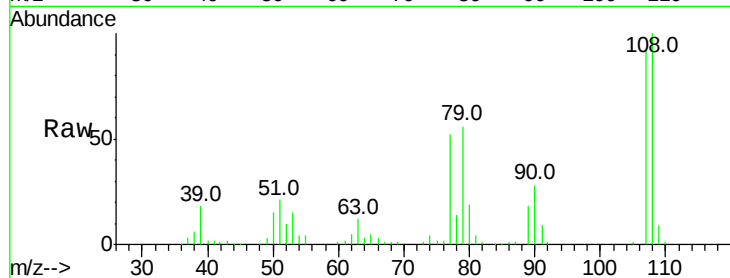




#17
2-Methylphenol
Concen: 52.21 ng
RT: 8.92 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

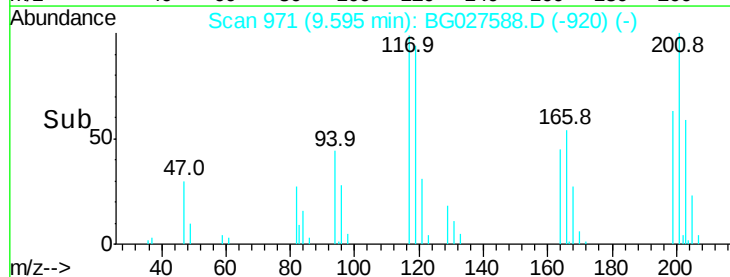
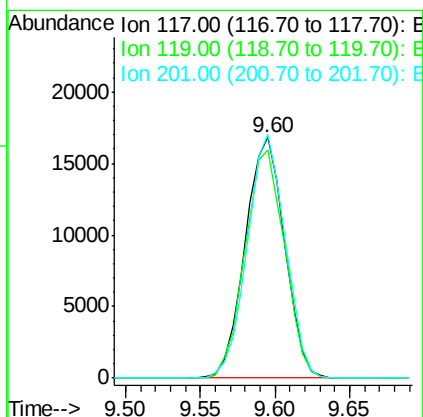
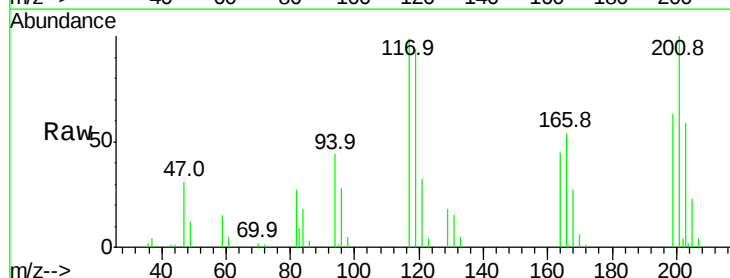
Instrument :
BNA_G
ClientSampled :

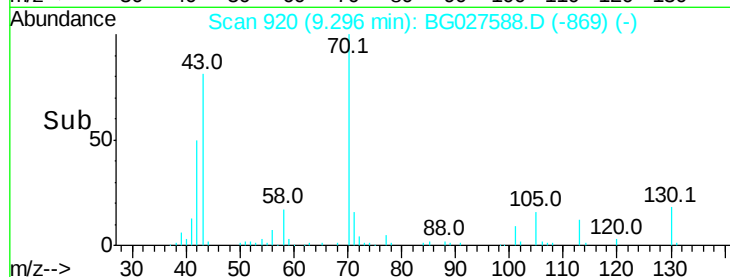
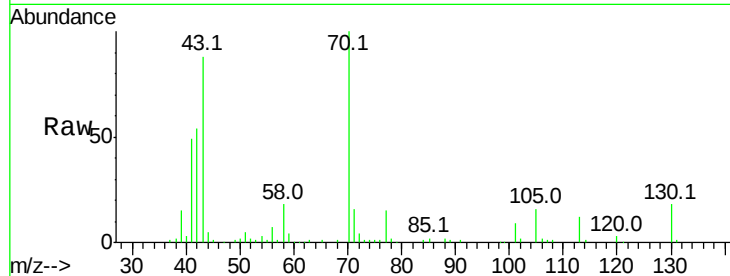
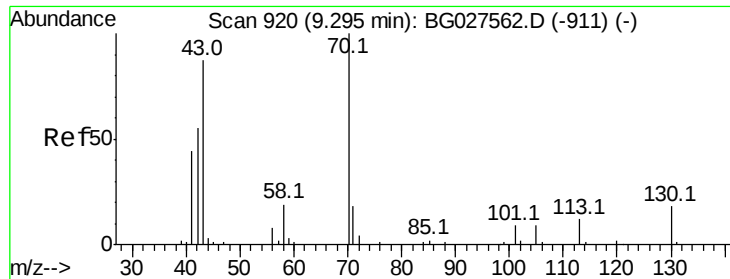
Tot Ion:	107	Resp:	78902
Ion	Ratio	Lower	Upper
107	100		
108	107.5	85.6	128.4
77	55.7	51.4	77.2
79	59.7	49.2	73.8



#18
Hexachloroethane
Concen: 48.64 ng
RT: 9.60 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:	117	Resp:	30627
Ion	Ratio	Lower	Upper
117	100		
119	94.8	69.8	104.6
201	101.2	95.4	143.0

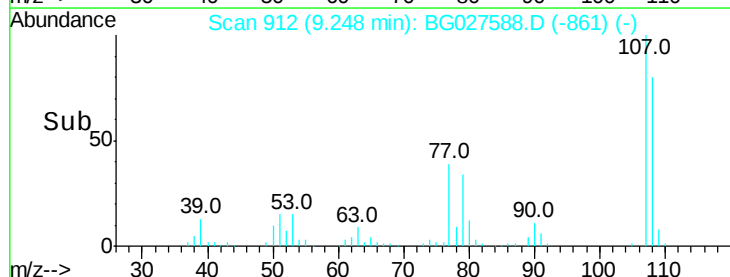
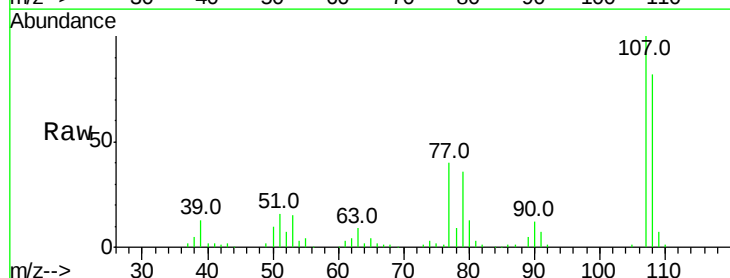
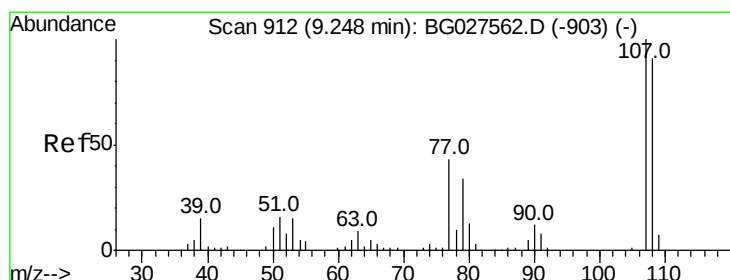
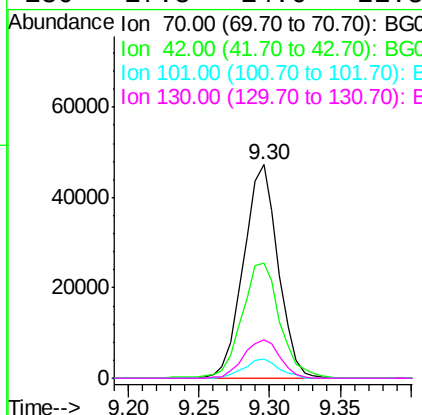




#19
n-Nitroso-di-n-propylamine
Concen: 48.33 ng
RT: 9.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

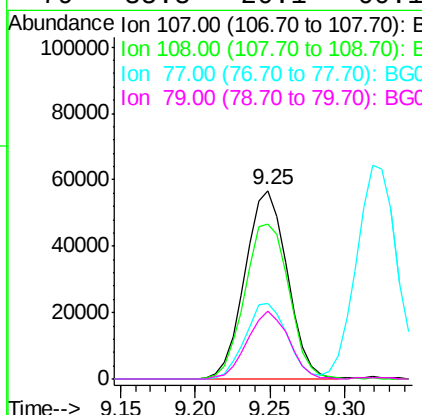
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 80922
Ion Ratio Lower Upper
70 100
42 54.0 56.1 84.1#
101 8.8 7.5 11.3
130 17.8 14.6 21.8



#20
3+4-Methylphenols
Concen: 53.67 ng
RT: 9.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion: 107 Resp: 111042
Ion Ratio Lower Upper
107 100
108 81.9 70.8 110.8
77 40.2 25.8 65.8
79 35.8 20.1 60.1

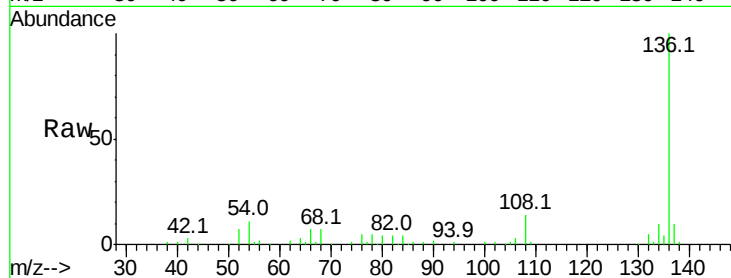




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	100736
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	11.2	9.3 13.9
68	6.6	5.1 7.7



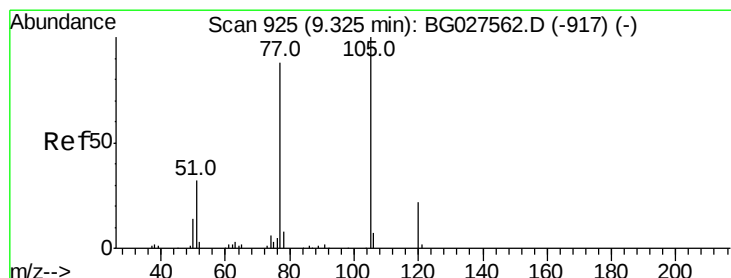
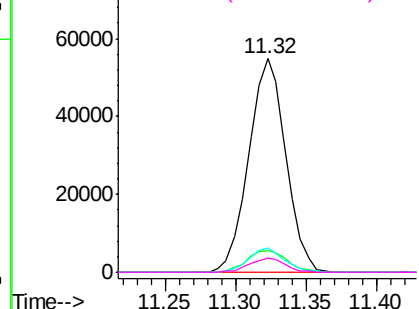
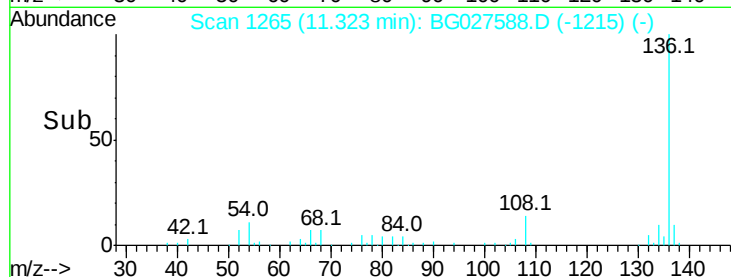
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

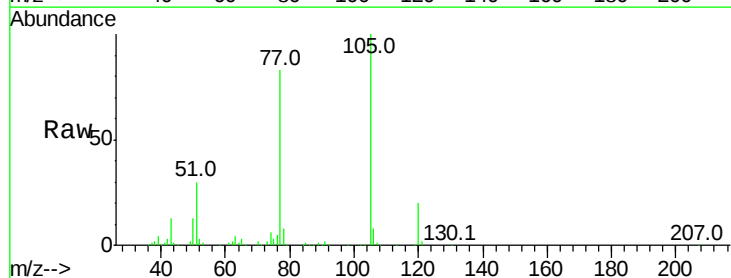
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 51.18 ng
RT: 9.32 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:105	Resp:	141378
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.9 1.3#
51	30.1	34.0 51.0#
120	20.3	17.3 25.9



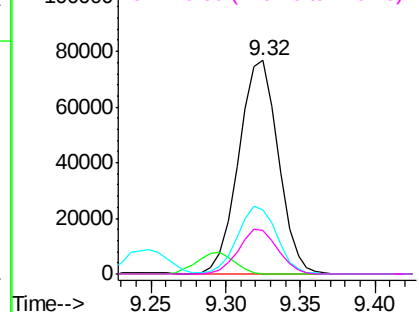
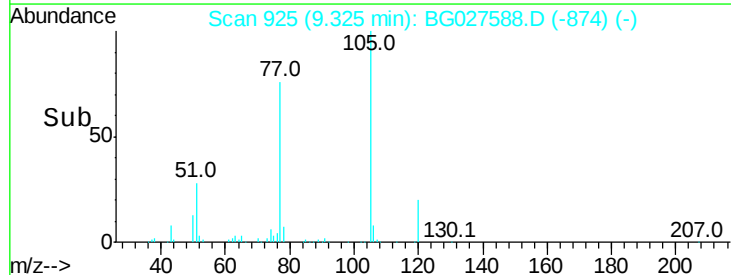
Abundance

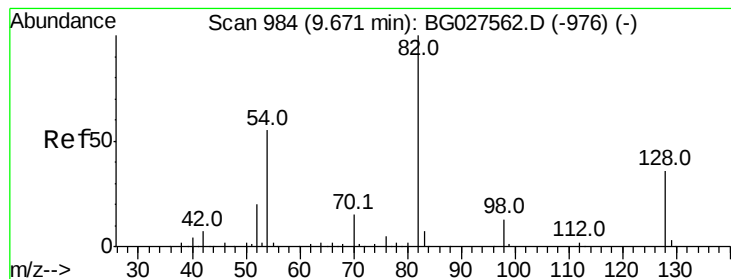
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 102.97 ng

RT: 9.67 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

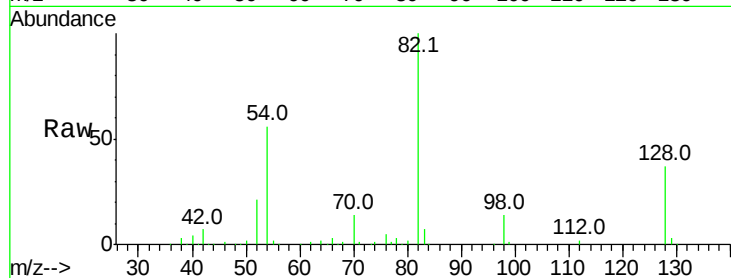
Tot Ion: 82 Resp: 219213

Ion Ratio Lower Upper

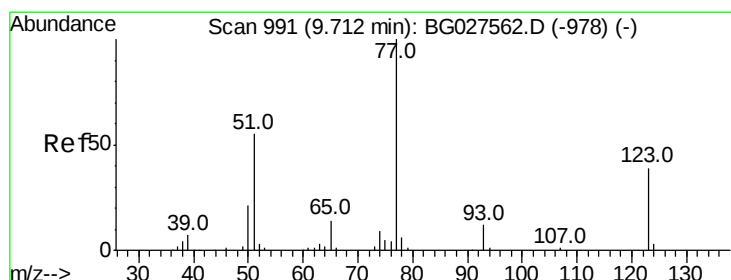
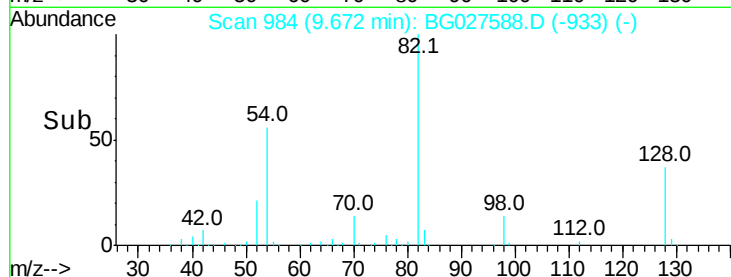
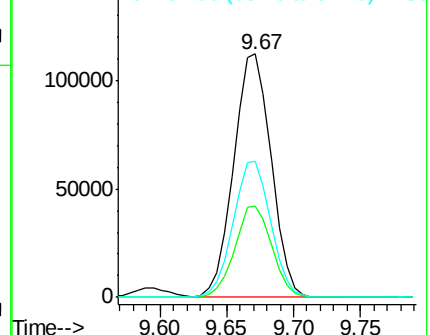
82 100

128 37.5 26.4 39.6

54 56.0 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: 49.73 ng

RT: 9.71 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

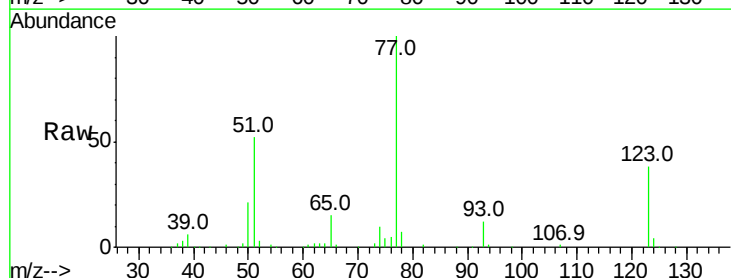
Tgt Ion: 77 Resp: 116055

Ion Ratio Lower Upper

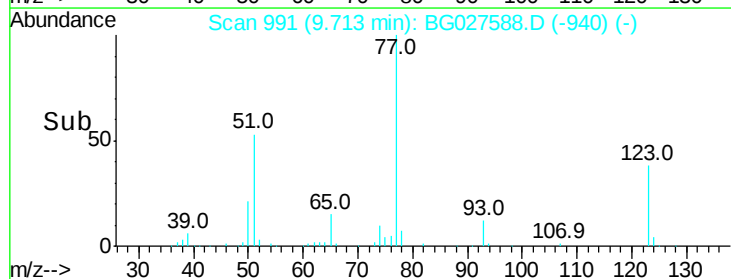
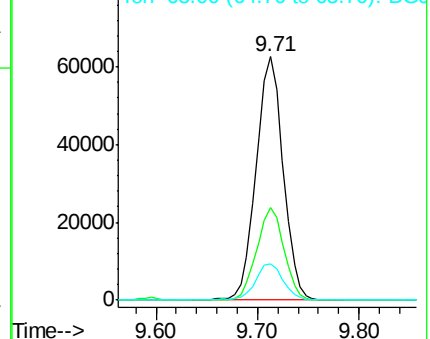
77 100

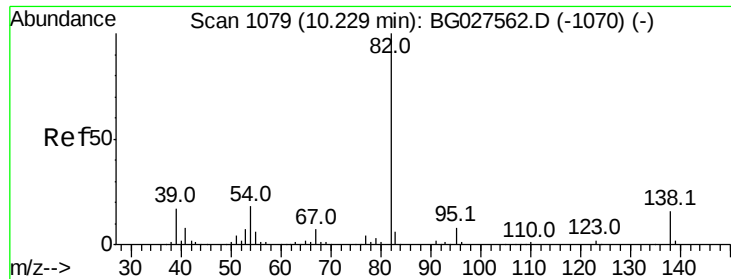
123 38.0 26.1 39.1

65 14.8 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: 50.07 ng

RT: 10.23 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

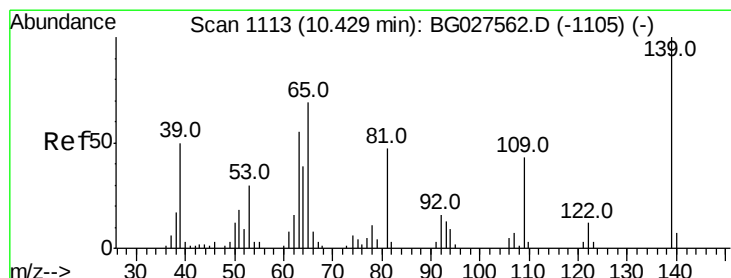
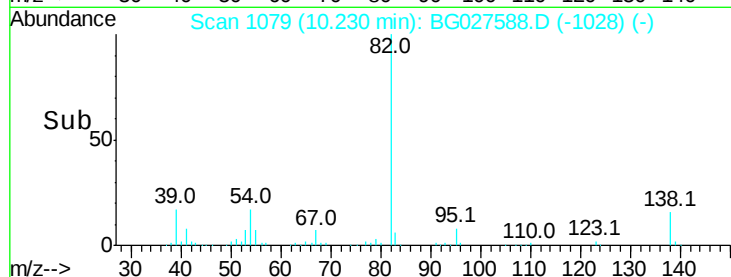
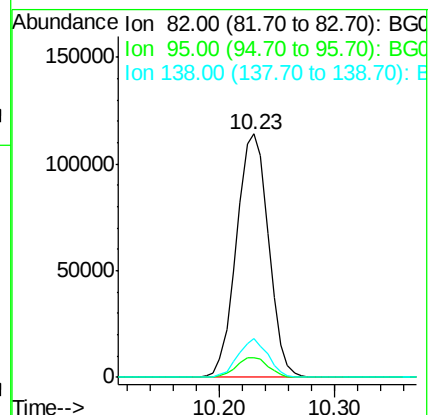
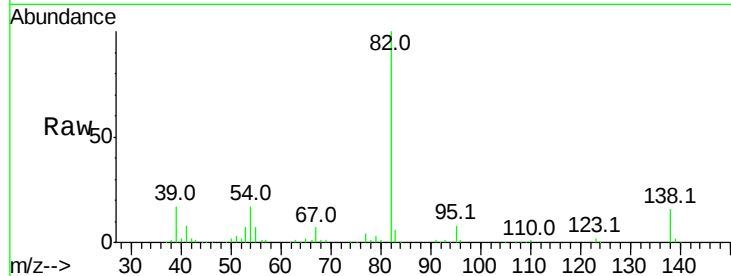
Tot Ion: 82 Resp: 218999

Ion	Ratio	Lower	Upper
82	100		
95	8.1	7.5	11.3
138	16.1	12.3	18.5

82 100

95 8.1 7.5 11.3

138 16.1 12.3 18.5



#26

2-Nitrophenol

Concen: 53.30 ng

RT: 10.42 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

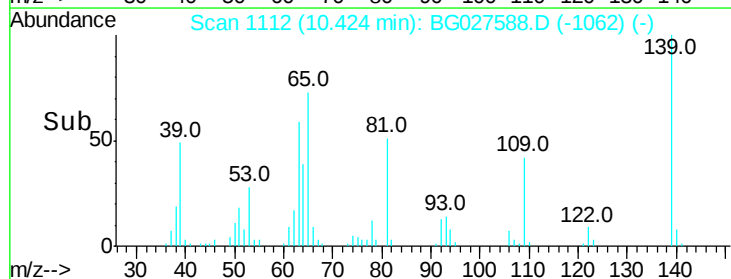
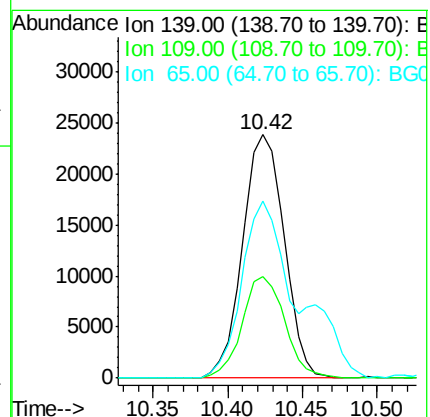
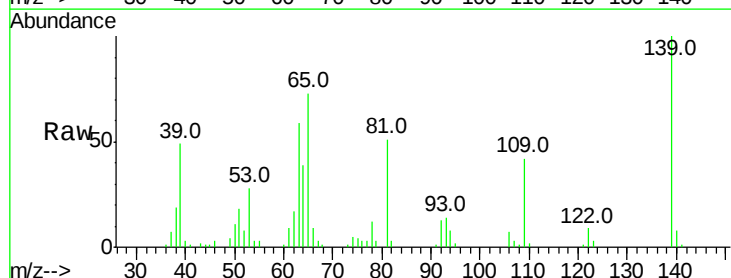
Tgt Ion: 139 Resp: 46005

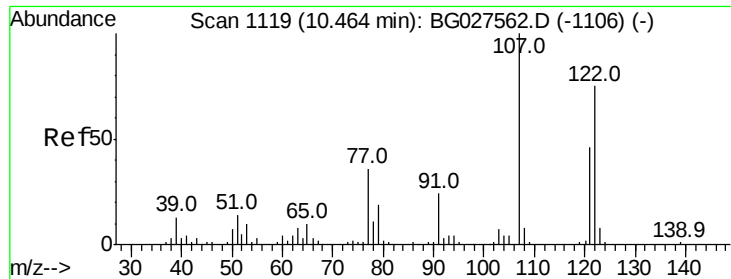
Ion	Ratio	Lower	Upper
139	100		
109	41.7	38.6	58.0
65	73.0	57.1	85.7

139 100

109 41.7 38.6 58.0

65 73.0 57.1 85.7

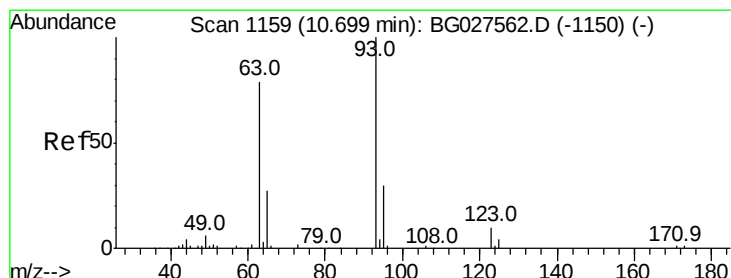
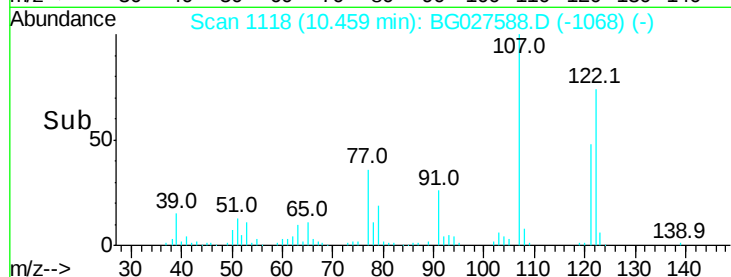
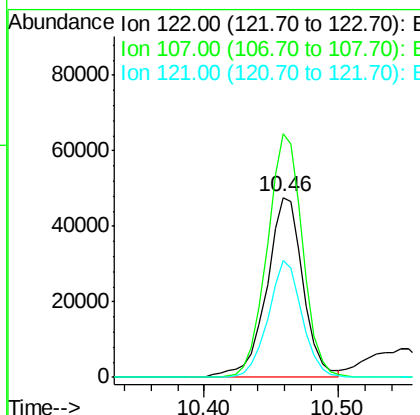
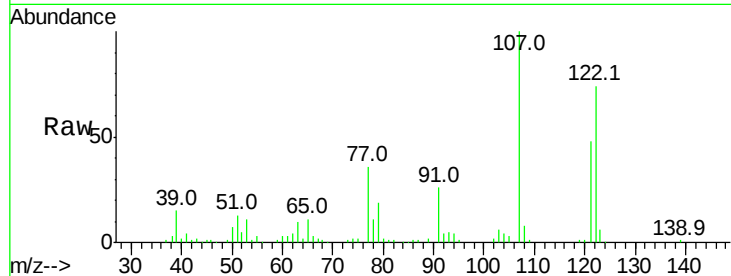




#27
2,4-Dimethylphenol
Concen: 55.39 ng
RT: 10.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

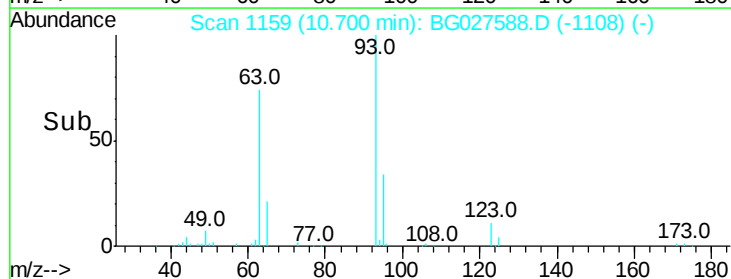
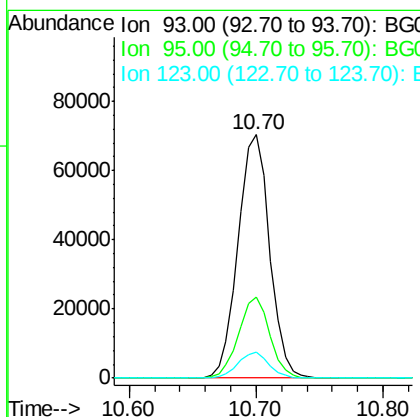
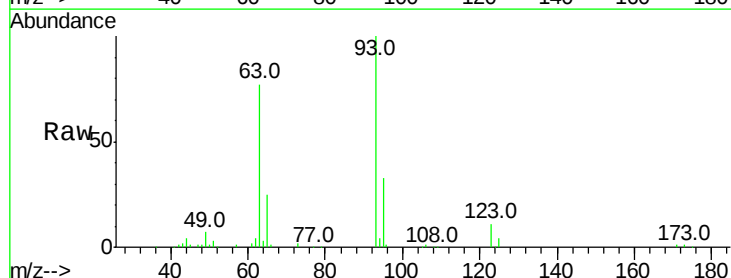
Instrument :
BNA_G
ClientSampled :

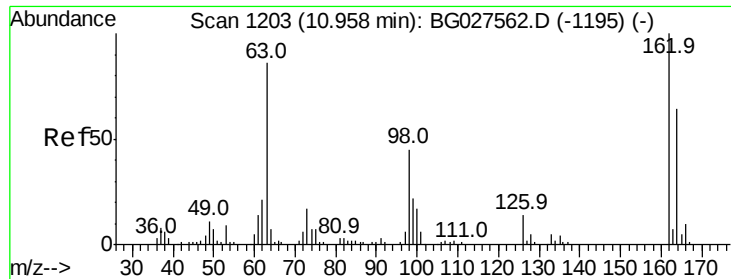
Tot Ion:122 Resp: 90288
Ion Ratio Lower Upper
122 100
107 135.2 104.2 156.4
121 64.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.29 ng
RT: 10.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion: 93 Resp: 121498
Ion Ratio Lower Upper
93 100
95 33.2 25.7 38.5
123 10.8 8.3 12.5

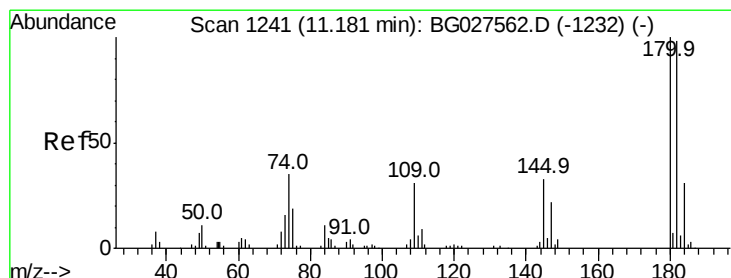
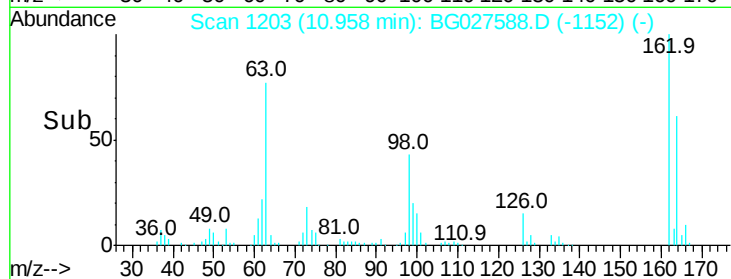
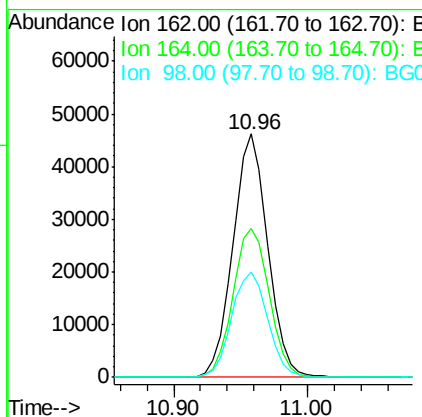
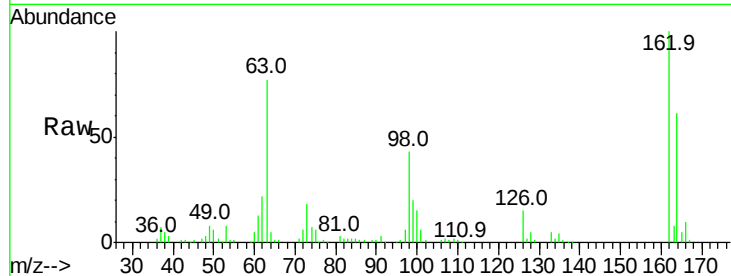




#29
 2,4-Dichlorophenol
 Concen: 59.38 ng
 RT: 10.96 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

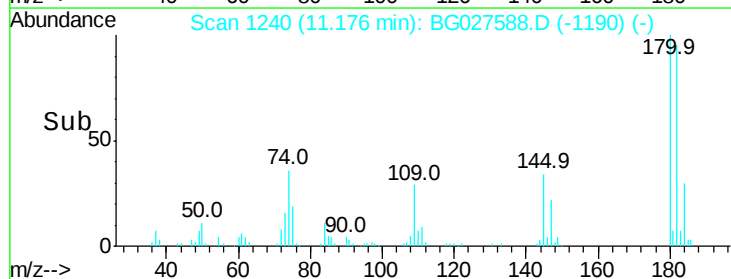
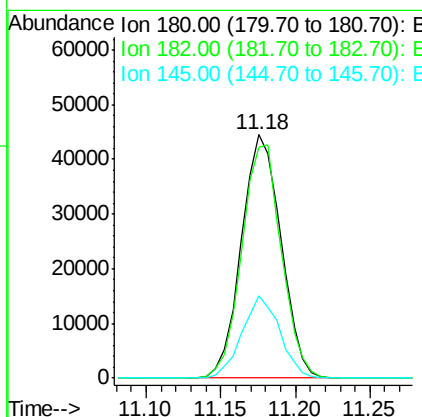
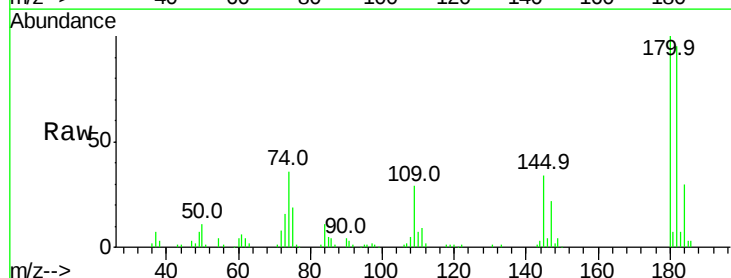
Instrument :
 BNA_G
 ClientSampleId :

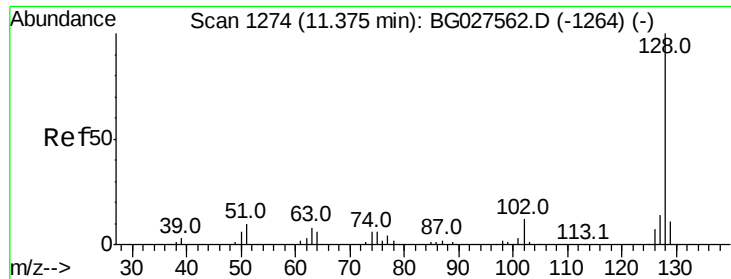
Tot Ion:162 Resp: 83601
 Ion Ratio Lower Upper
 162 100
 164 61.2 42.4 82.4
 98 43.3 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 50.65 ng
 RT: 11.18 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:180 Resp: 81531
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.0 115.4
 145 34.0 23.4 35.0

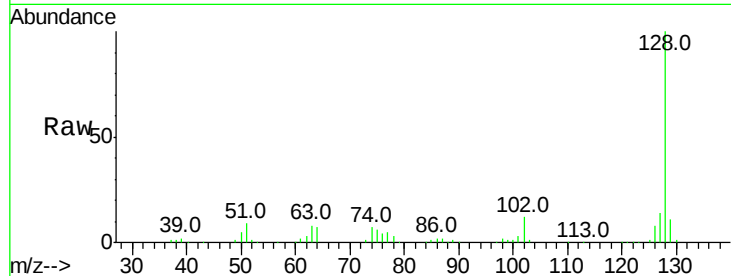




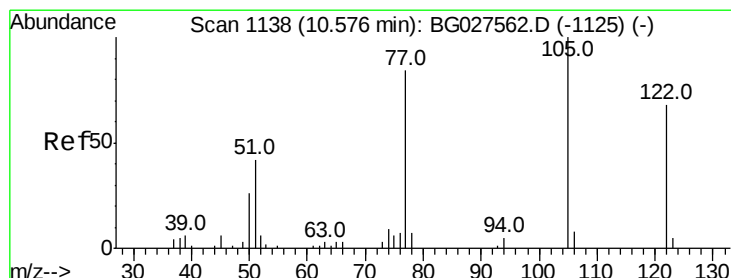
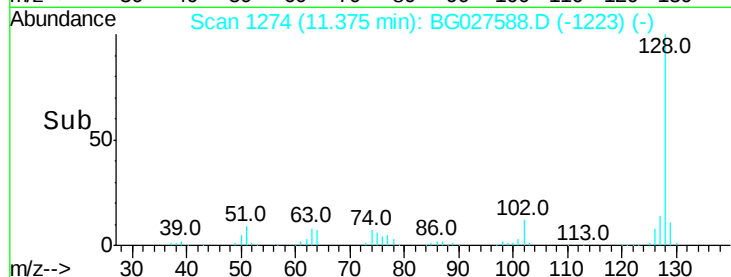
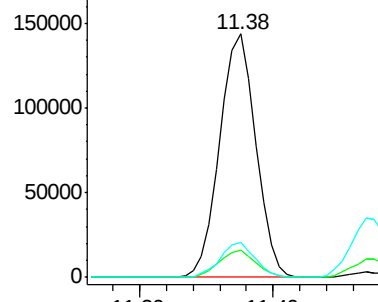
#31
Naphthalene
Concen: 49.41 ng
RT: 11.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 269012
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 14.4 11.4 17.0

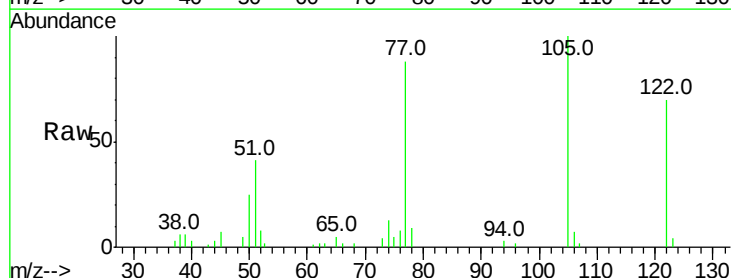


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

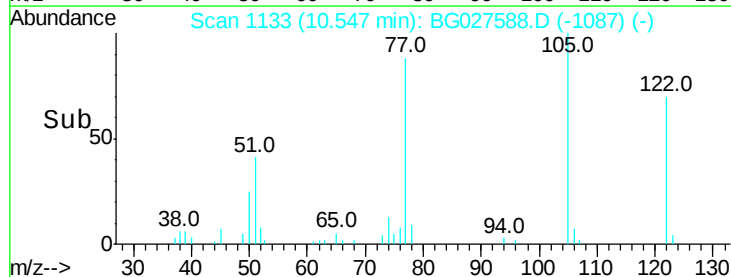
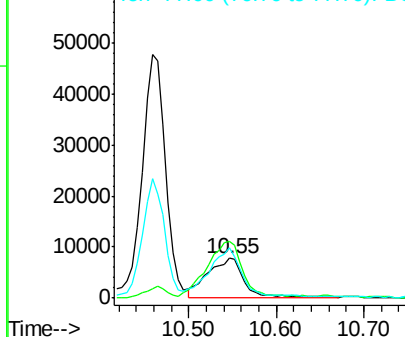


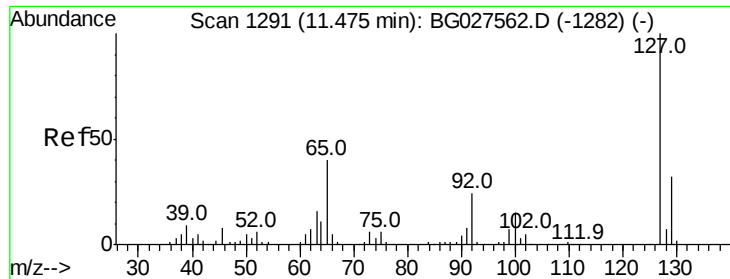
#32
Benzoic acid
Concen: 23.85 ng
RT: 10.55 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:122 Resp: 22186
Ion Ratio Lower Upper
122 100
105 143.6 120.1 160.1
77 126.5 104.6 144.6



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

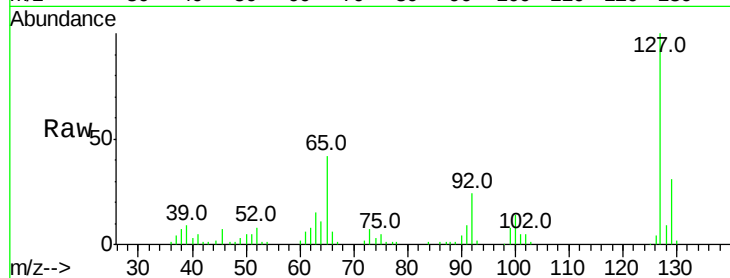




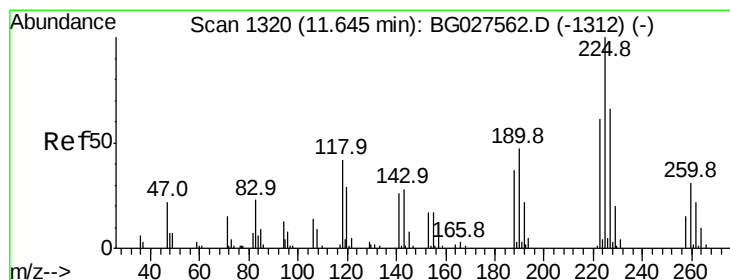
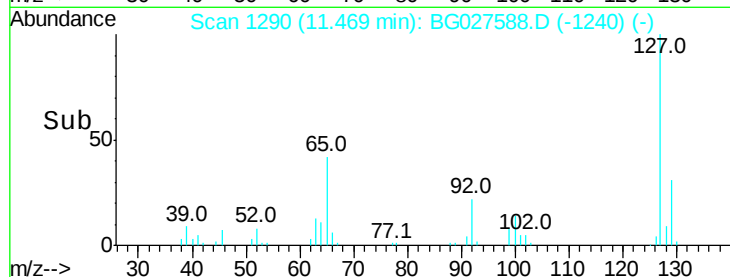
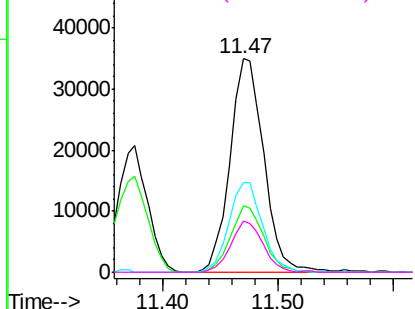
#33
4-Chloroaniline
Concen: 30.65 ng
RT: 11.47 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	70782
Ion	Ratio	Lower	Upper
127	100		
129	31.0	23.6	35.4
65	41.9	37.7	56.5
92	23.8	17.6	26.4

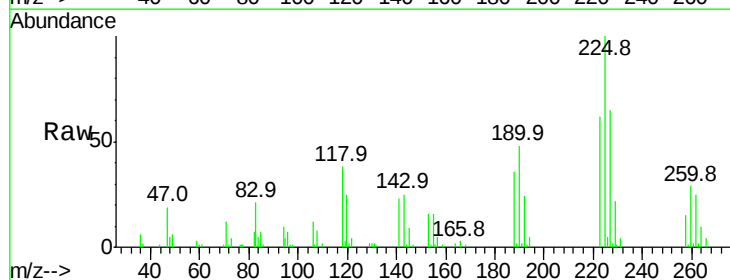


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

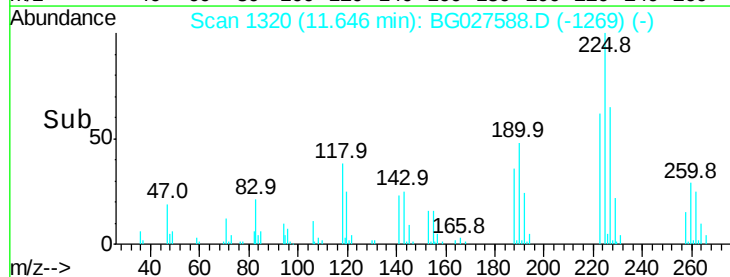
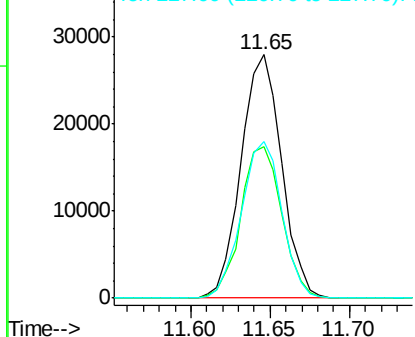


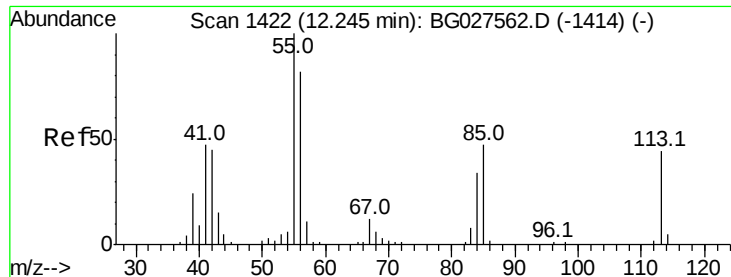
#34
Hexachlorobutadiene
Concen: 50.99 ng
RT: 11.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:	225	Resp:	49598
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	64.6	49.0	73.6



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





#35

Caprolactam

Concen: 27.10 ng

RT: 12.25 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

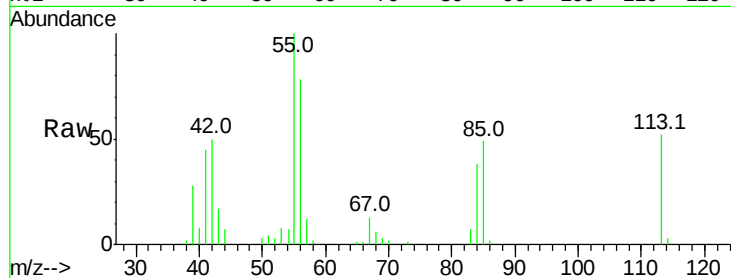
Tot Ion:113 Resp: 17782

Ion Ratio Lower Upper

113 100

55 192.3 198.6 238.6#

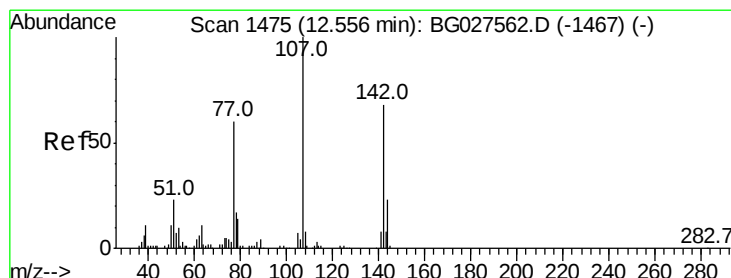
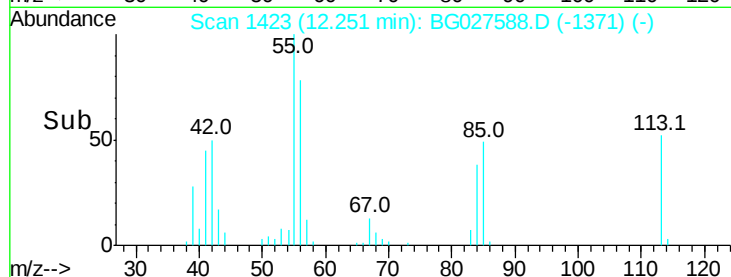
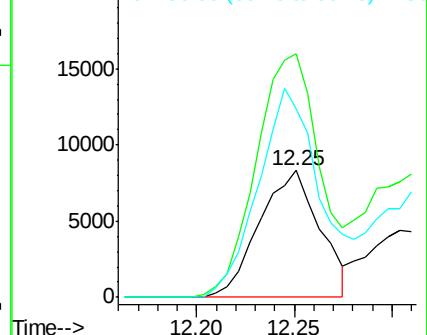
56 149.4 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.67 ng

RT: 12.55 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

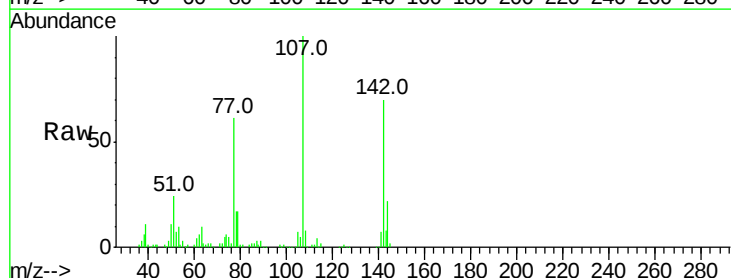
Tgt Ion:107 Resp: 124515

Ion Ratio Lower Upper

107 100

144 22.4 17.4 26.0

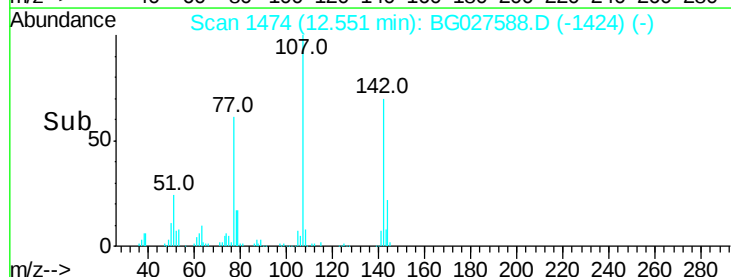
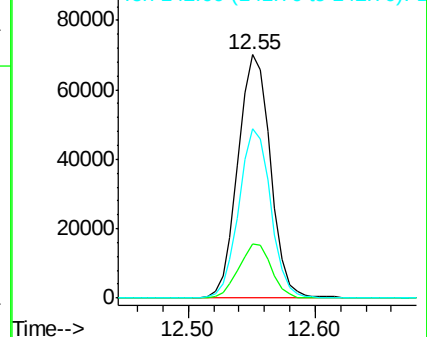
142 69.7 54.1 81.1

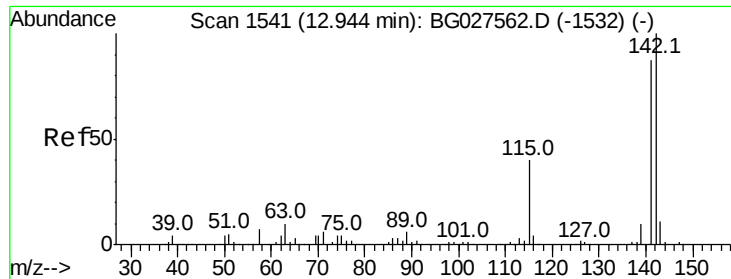


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

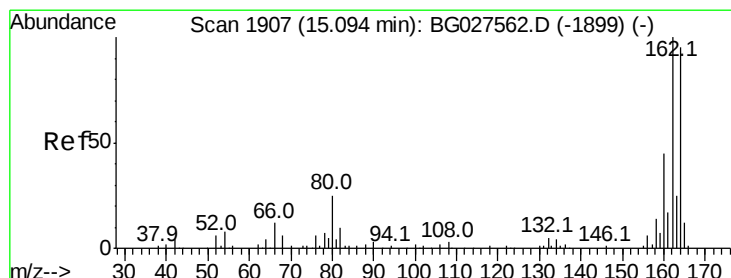
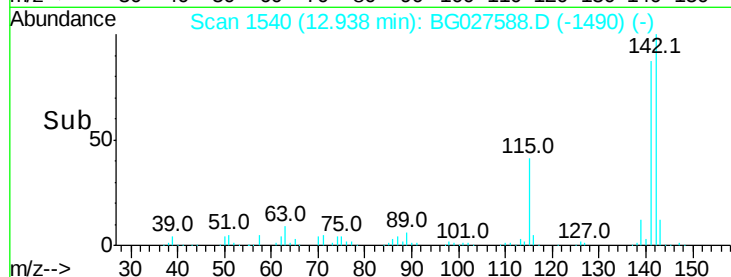
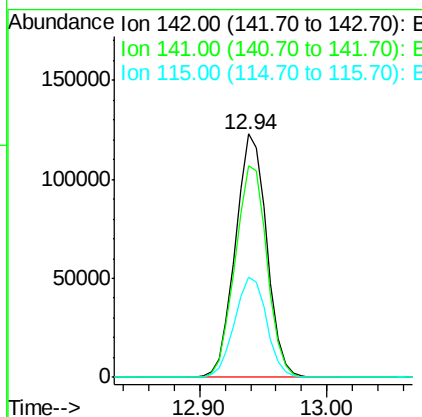
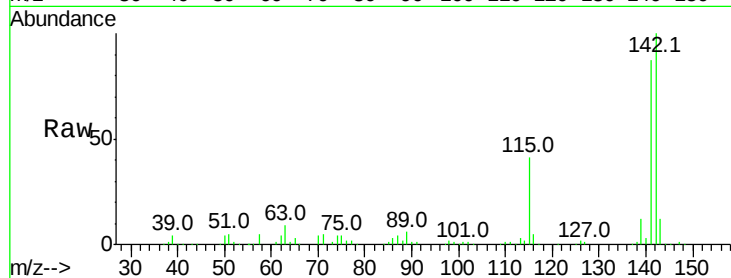




#37
2-Methylnaphthalene
Concen: 53.03 ng
RT: 12.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

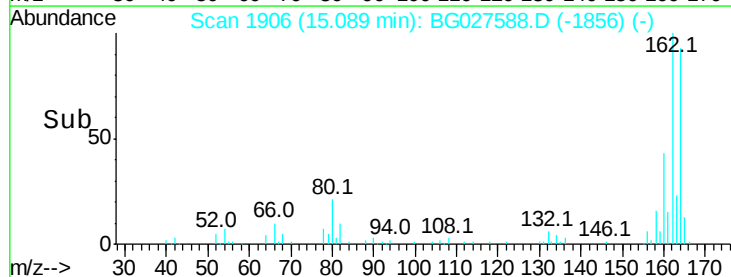
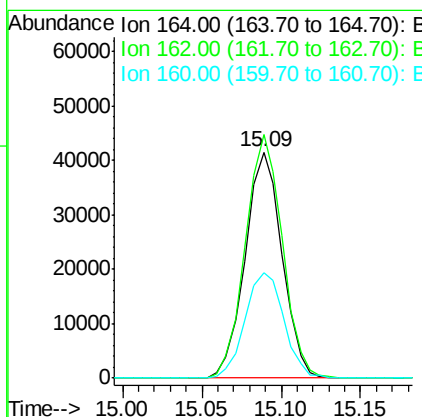
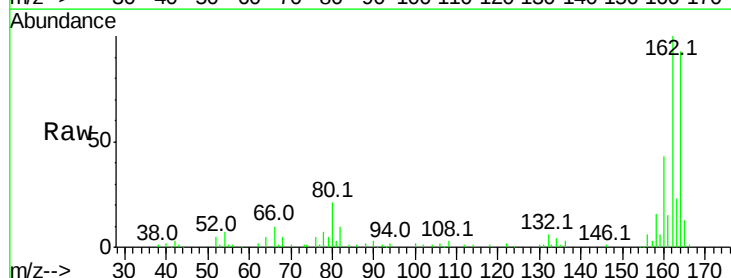
Instrument :
BNA_G
ClientSampleId :

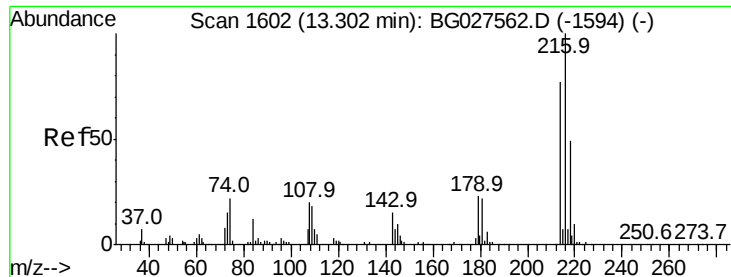
Tot Ion:142 Resp: 209834
Ion Ratio Lower Upper
142 100
141 86.9 70.4 105.6
115 41.2 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:164 Resp: 66965
Ion Ratio Lower Upper
164 100
162 107.7 85.1 127.7
160 46.5 34.7 52.1

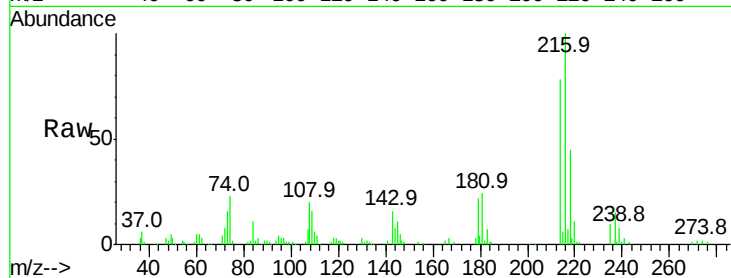




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.38 ng
 RT: 13.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	105804
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	22.6	17.4	26.0
108	23.2	15.6	23.4

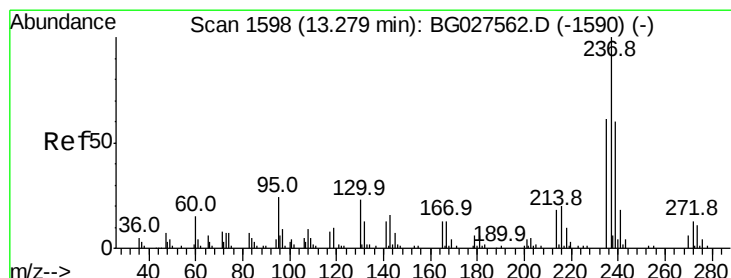
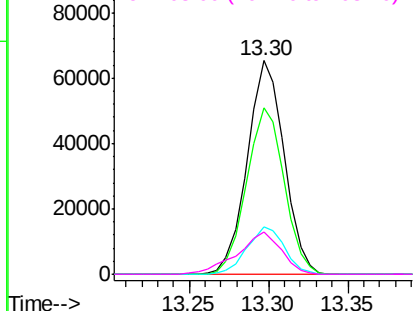
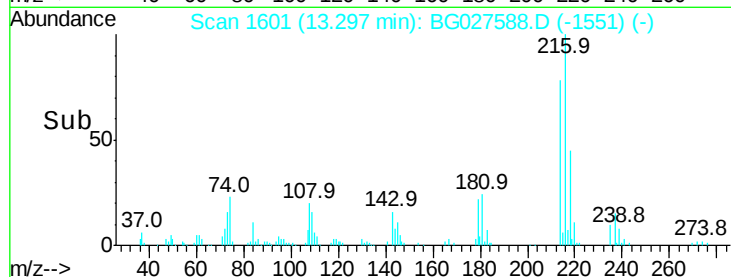


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

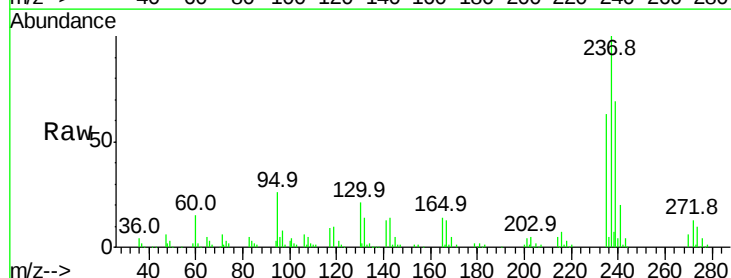
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 113.59 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

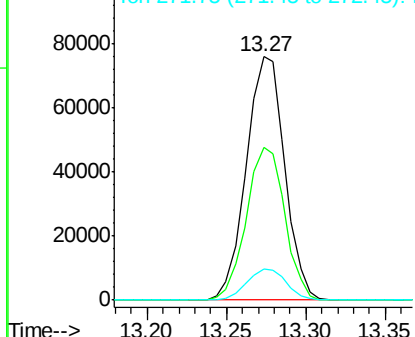
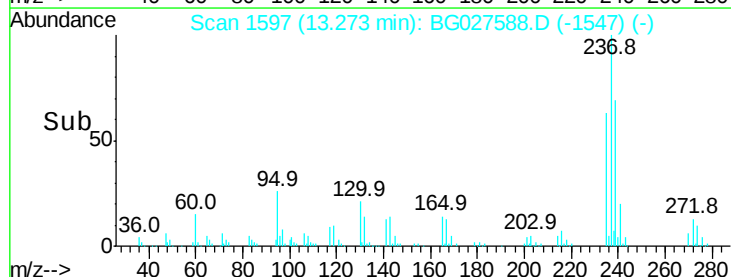
Tgt Ion:	237	Resp:	127854
Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.4	79.4
272	12.7	0.0	32.0

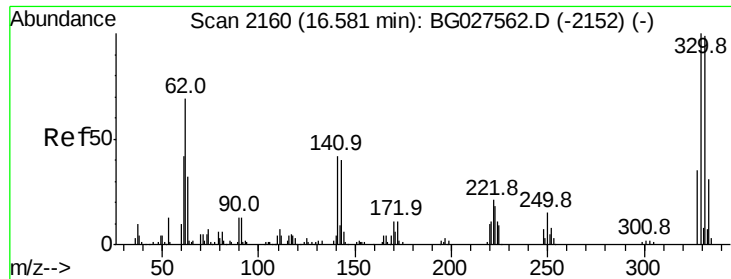


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 172.61 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

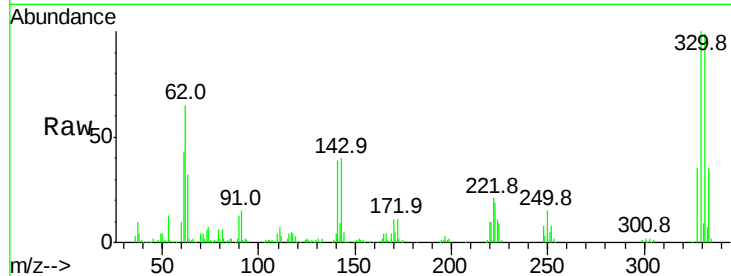
Tot Ion:330 Resp: 172319

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

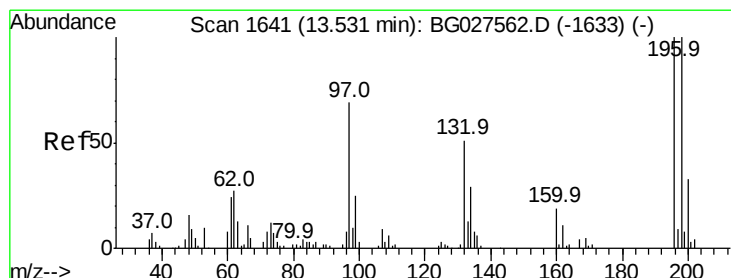
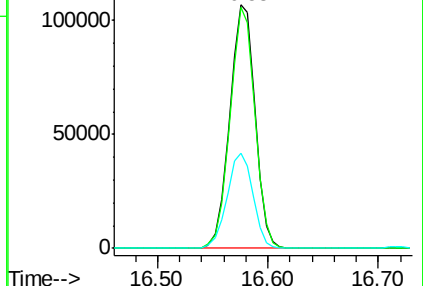
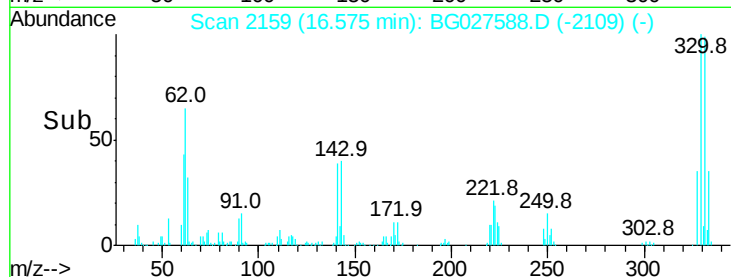
141 39.7 32.1 48.1



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: 56.76 ng

RT: 13.53 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

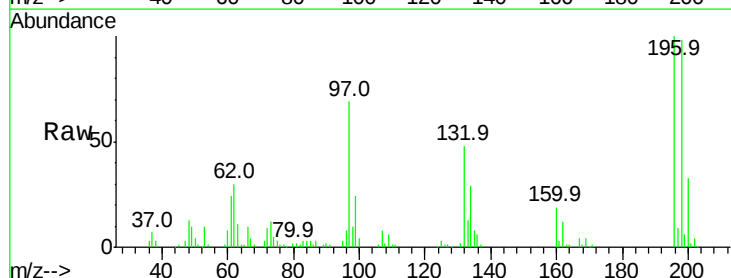
Tgt Ion:196 Resp: 77020

Ion Ratio Lower Upper

196 100

198 97.6 81.4 122.2

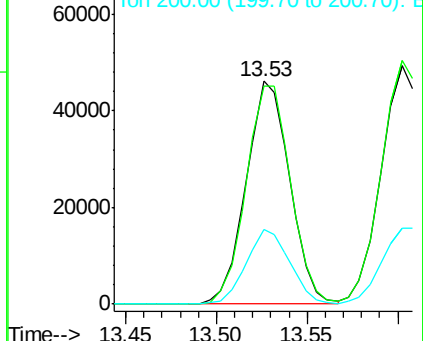
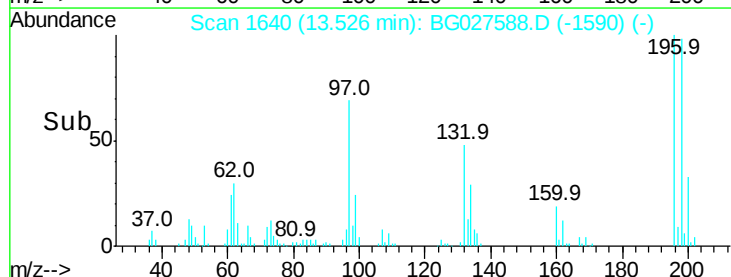
200 33.2 27.0 40.6

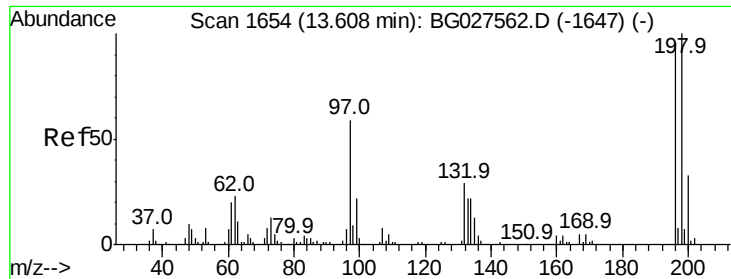


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

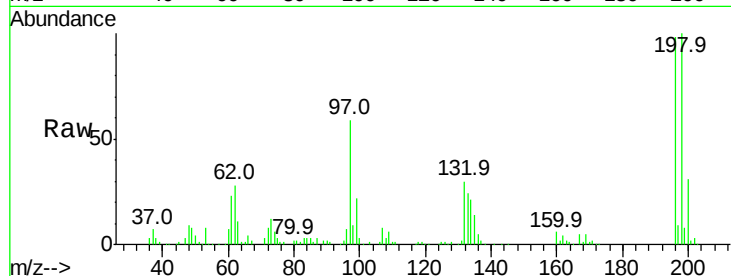




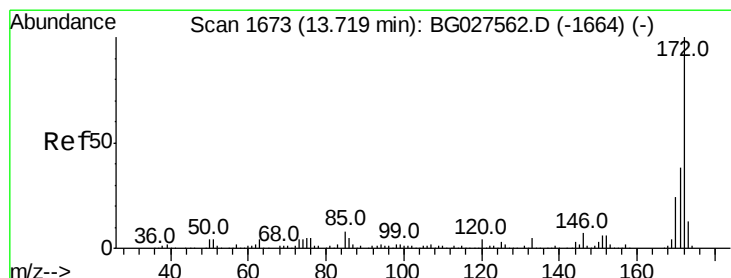
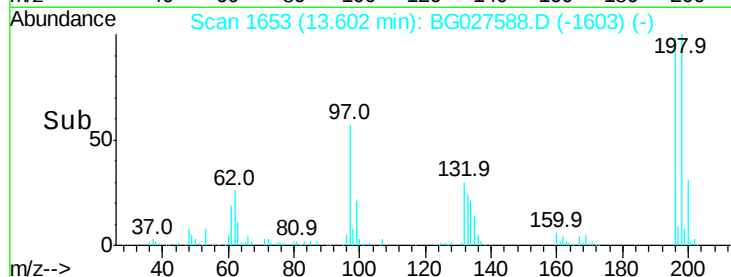
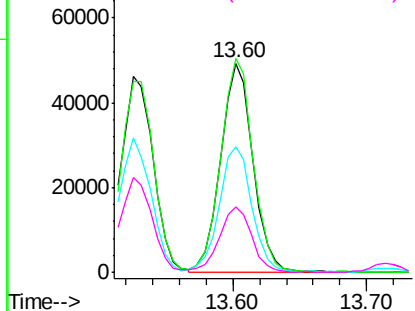
#43
 2,4,5-Trichlorophenol
 Concen: 52.37 ng
 RT: 13.60 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 83510
 Ion Ratio Lower Upper
 196 100
 198 102.3 79.9 119.9
 97 60.0 45.4 68.0
 132 31.1 20.7 31.1#

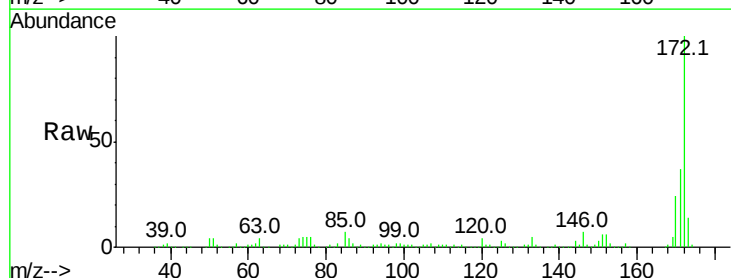


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

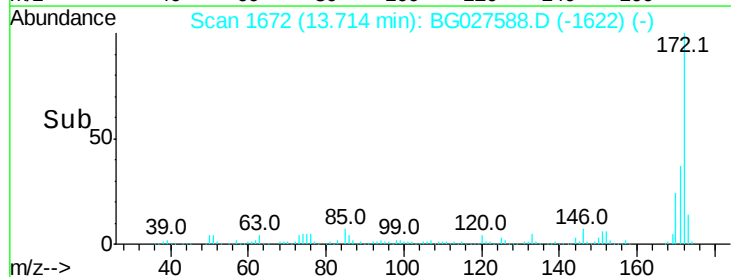
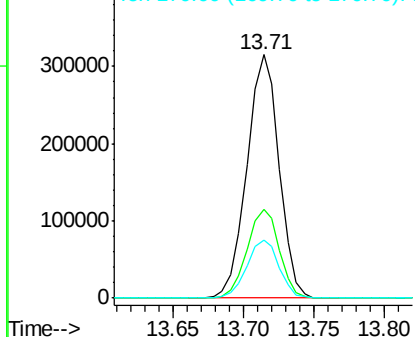


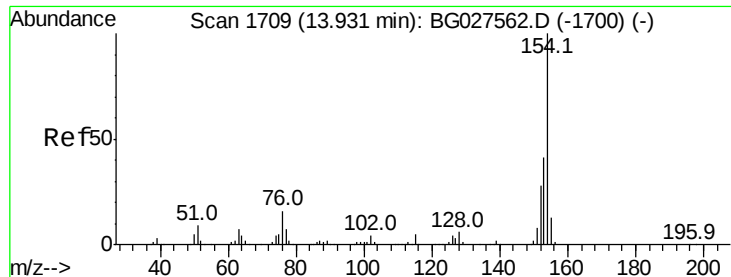
#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:172 Resp: 503214
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 51.06 ng

RT: 13.93 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

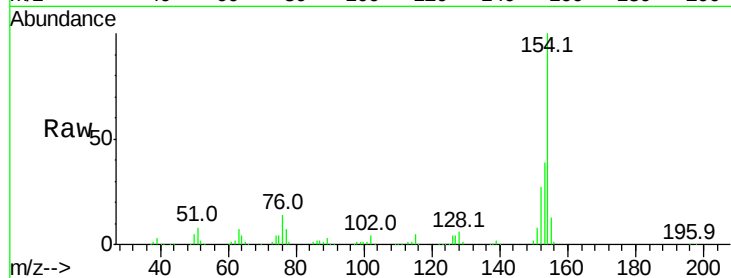
Tot Ion:154 Resp: 285083

Ion Ratio Lower Upper

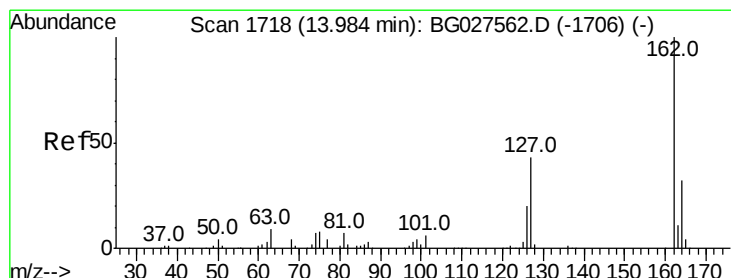
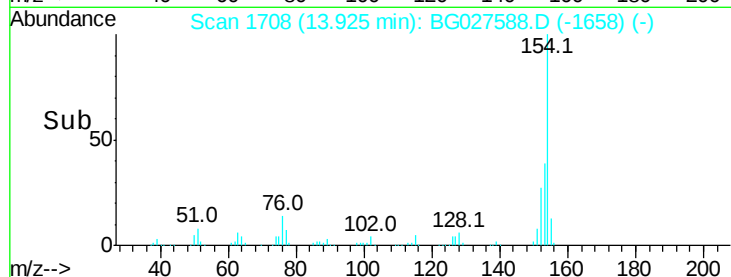
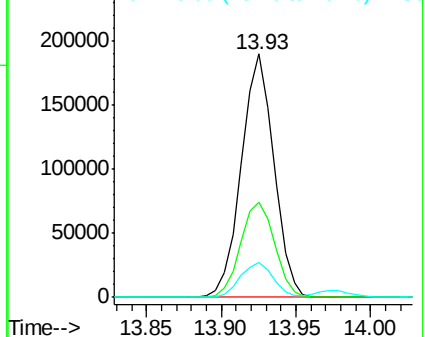
154 100

153 39.0 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): B



#46

2-Chloronaphthalene

Concen: 50.84 ng

RT: 13.98 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

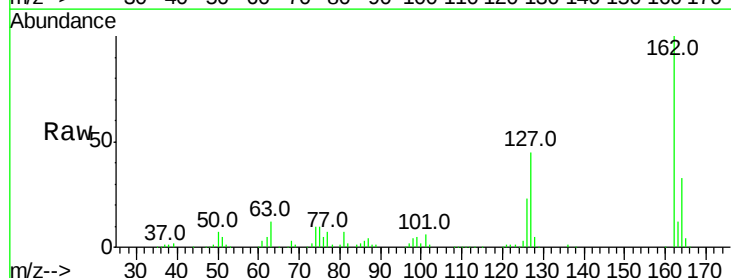
Tgt Ion:162 Resp: 211114

Ion Ratio Lower Upper

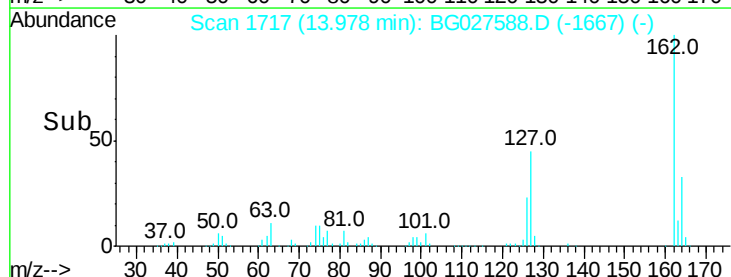
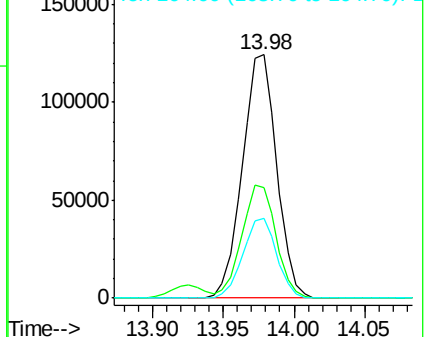
162 100

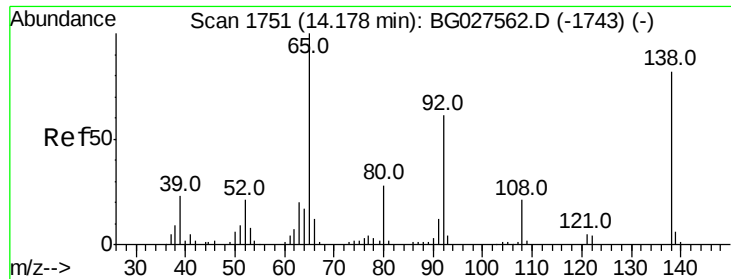
127 45.1 32.2 48.4

164 32.9 27.3 40.9



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

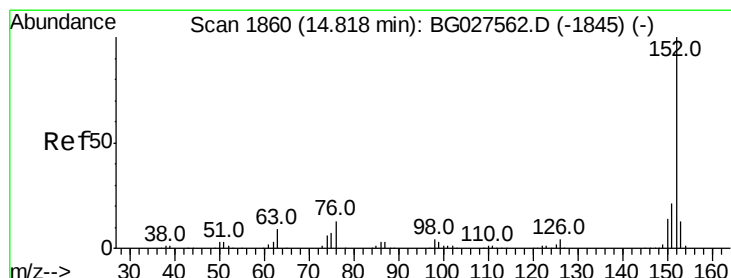
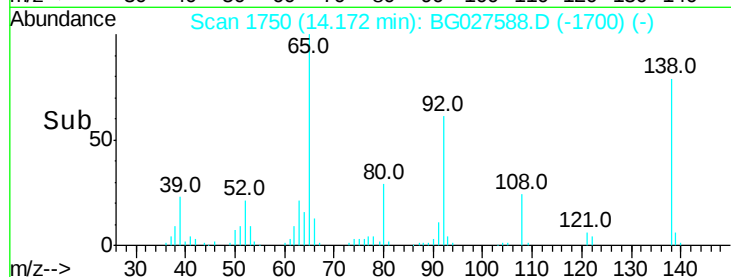
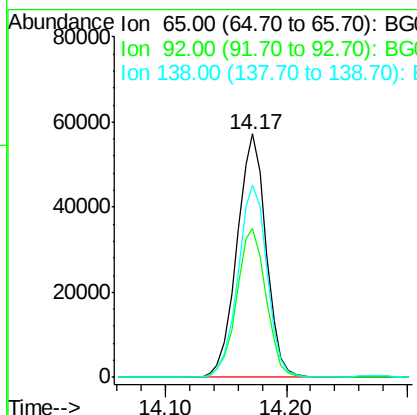
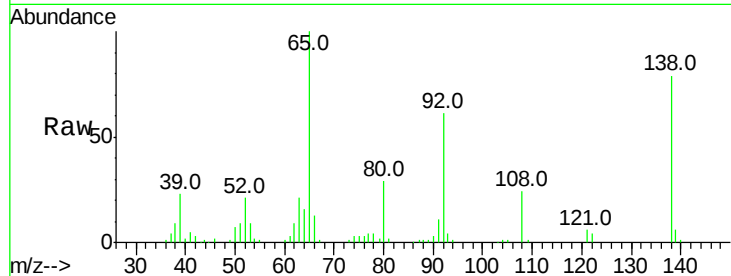




#47
2-Nitroaniline
Concen: 51.59 ng
RT: 14.17 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

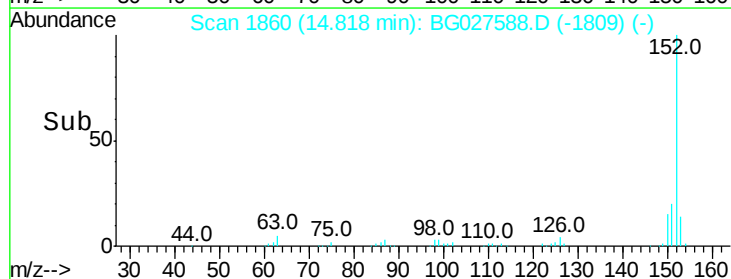
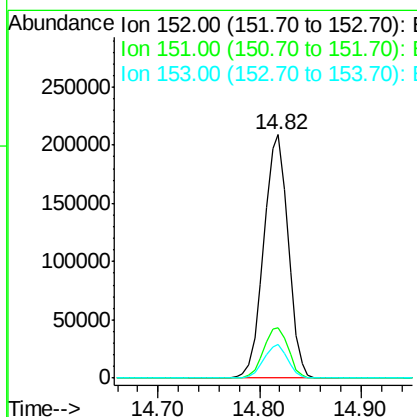
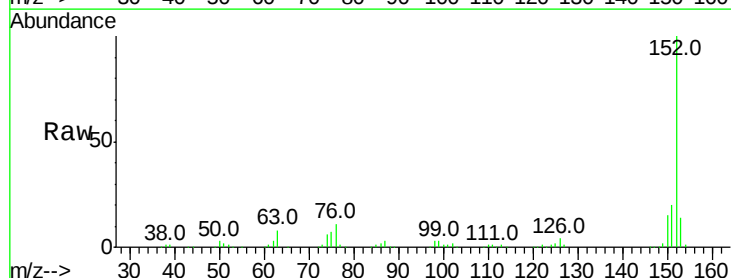
Instrument :
BNA_G
ClientSampled :

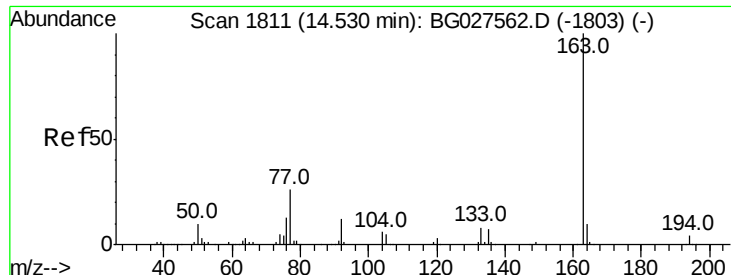
Tot Ion	65	Resp	96189
Ion Ratio	Lower	Upper	
65	100		
92	61.3	49.0	73.4
138	79.3	58.6	87.8



#48
Acenaphthylene
Concen: 47.96 ng
RT: 14.82 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	152	Resp	349040
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.2	27.2
153	13.9	11.3	16.9

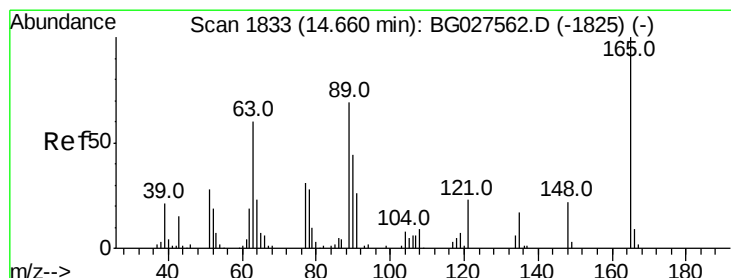
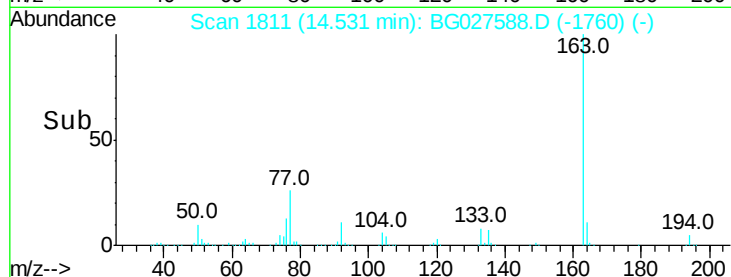
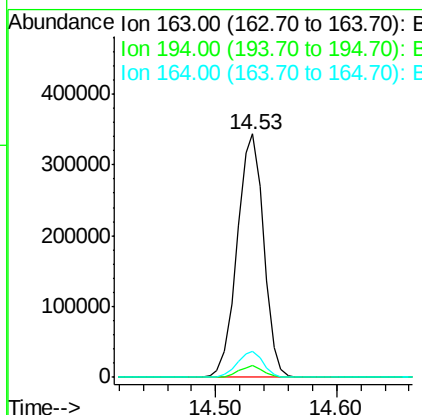
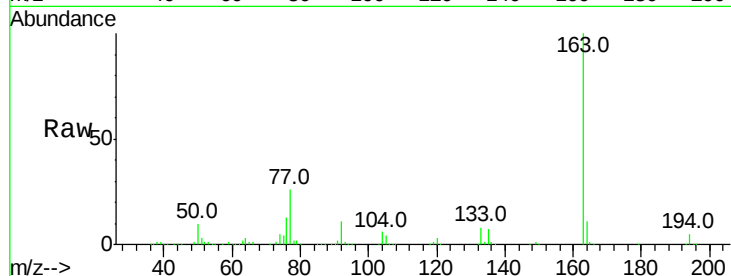




#49
Dimethylphthalate
Concen: 89.48 ng
RT: 14.53 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

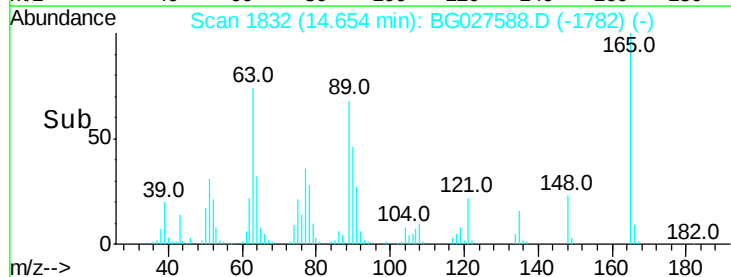
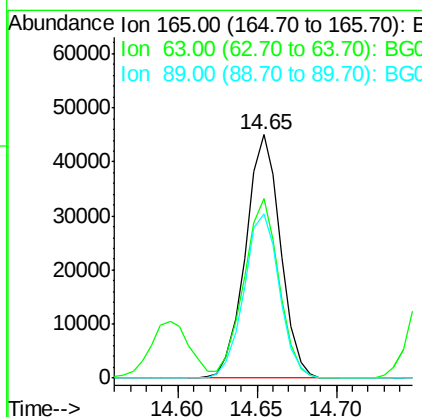
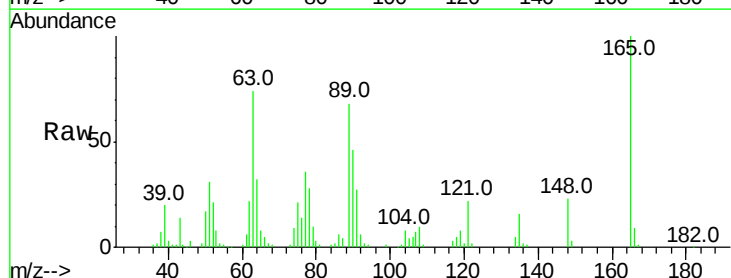
Instrument :
BNA_G
ClientSampleId :

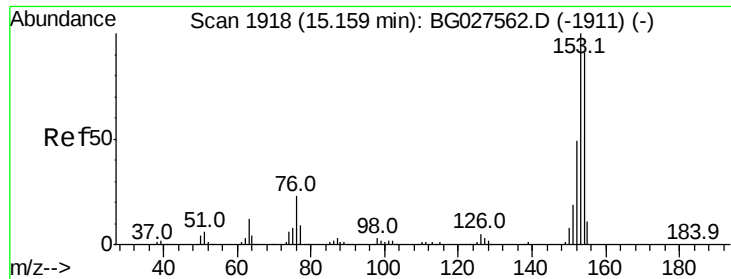
Tot Ion:163 Resp: 524663
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 10.6 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 54.03 ng
RT: 14.65 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:165 Resp: 68742
Ion Ratio Lower Upper
165 100
63 73.9 63.9 95.9
89 67.6 58.6 88.0





#51

Acenaphthene

Concen: 54.76 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

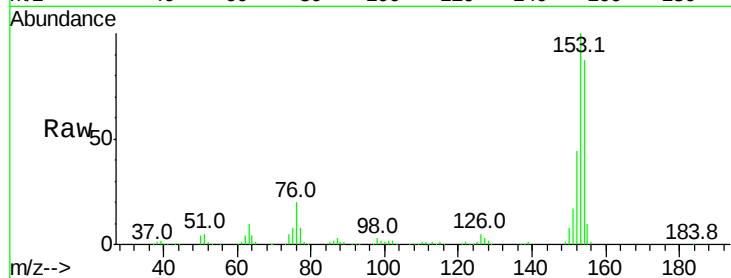
Tot Ion:154 Resp: 277636

Ion Ratio Lower Upper

154 100

153 115.6 87.8 131.6

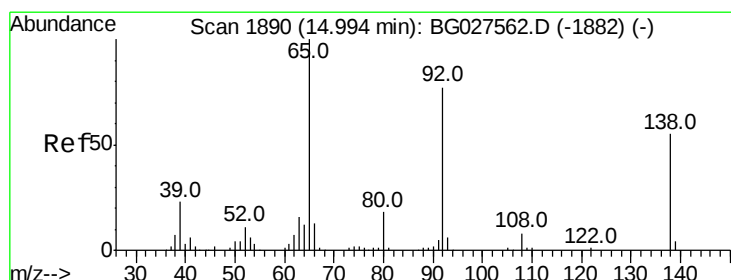
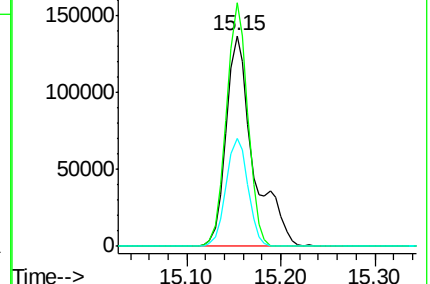
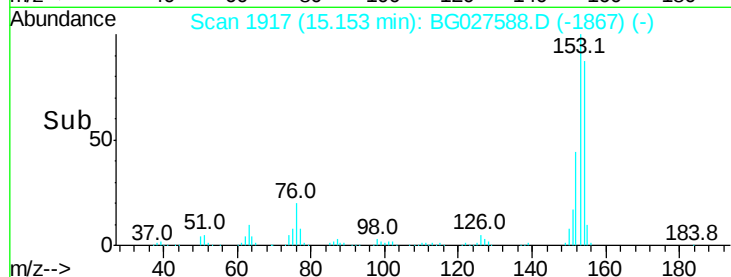
152 50.9 42.2 63.4



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: 38.15 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

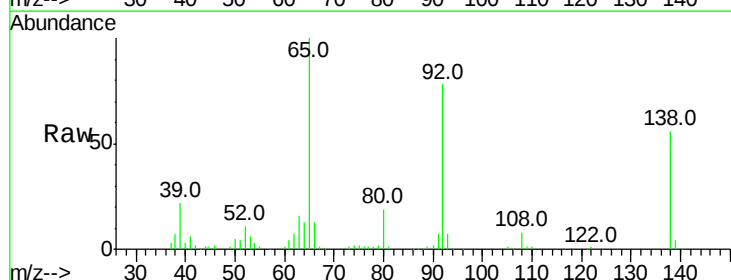
Tgt Ion:138 Resp: 51229

Ion Ratio Lower Upper

138 100

108 14.5 10.9 16.3

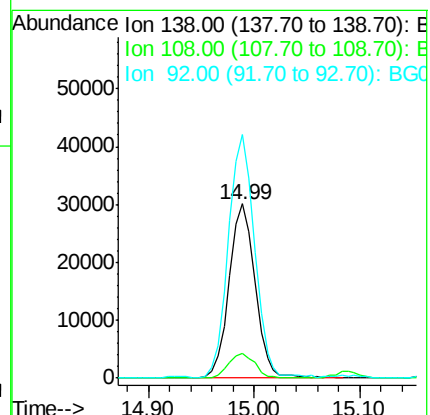
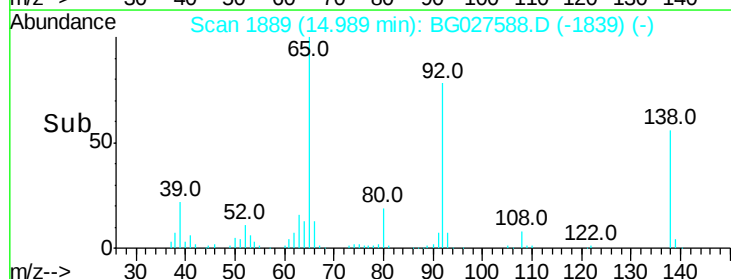
92 139.7 115.3 172.9

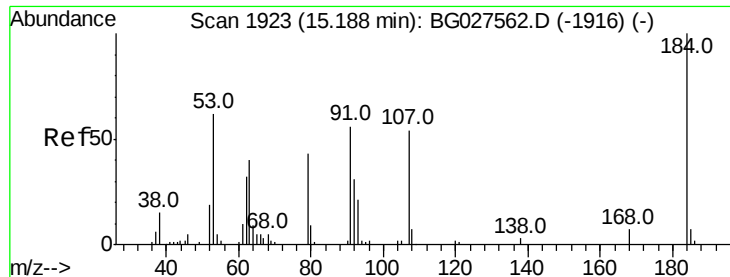


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

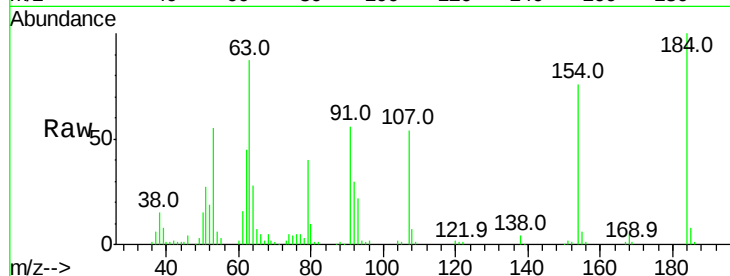




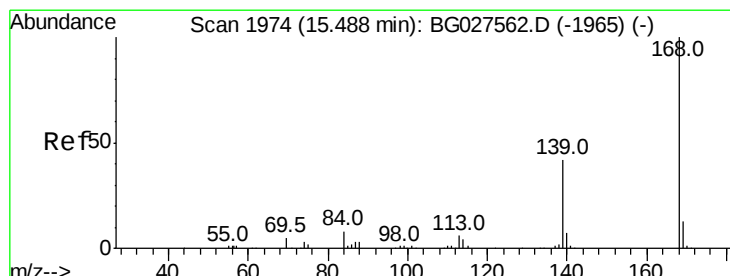
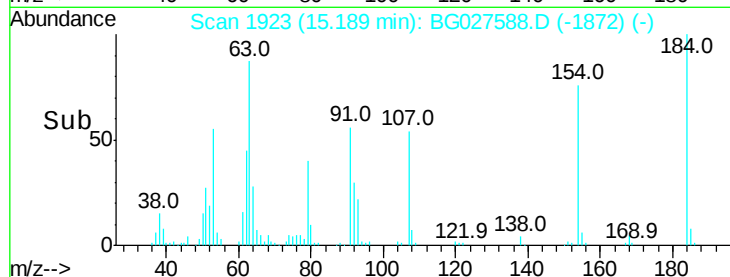
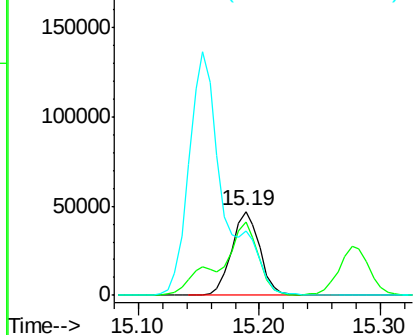
#53
 2,4-Dinitrophenol
 Concen: 107.24 ng
 RT: 15.19 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 77115
 Ion Ratio Lower Upper
 184 100
 63 86.6 52.7 79.1#
 154 76.3 57.3 85.9

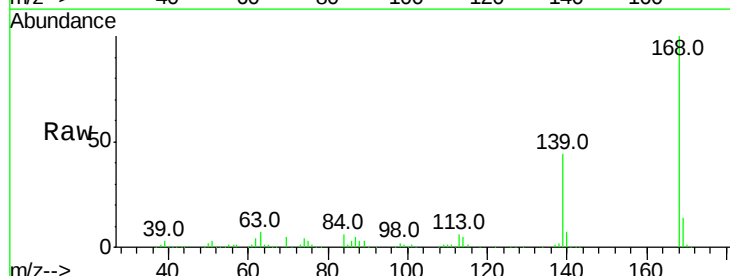


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

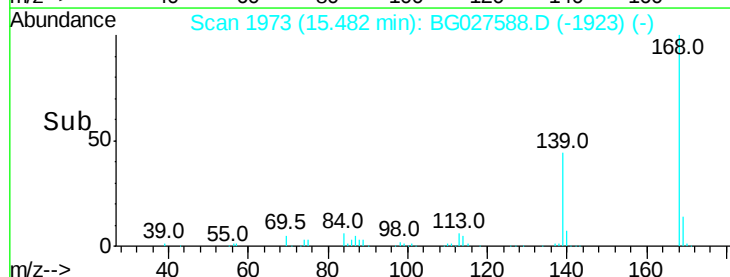
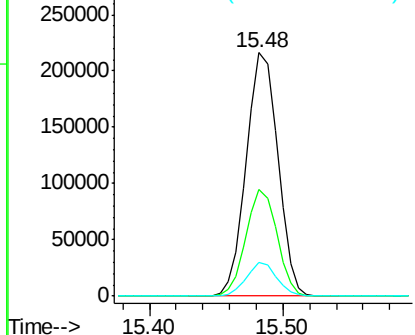


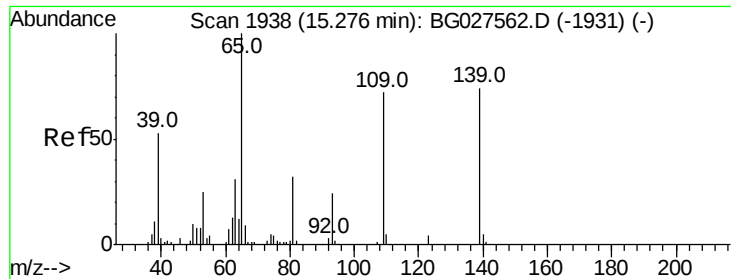
#54
 Dibenzofuran
 Concen: 53.69 ng
 RT: 15.48 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:168 Resp: 354553
 Ion Ratio Lower Upper
 168 100
 139 43.7 35.3 52.9
 169 13.6 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: 107.47 ng

RT: 15.28 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

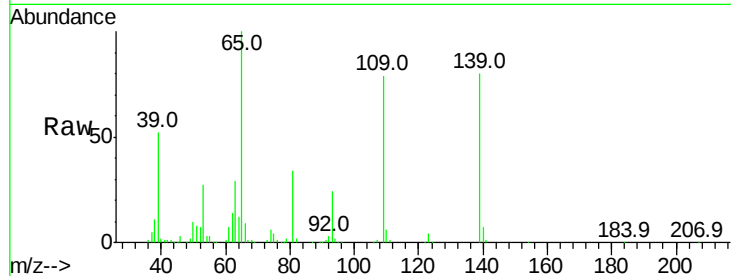
Tot Ion:139 Resp: 120835

Ion Ratio Lower Upper

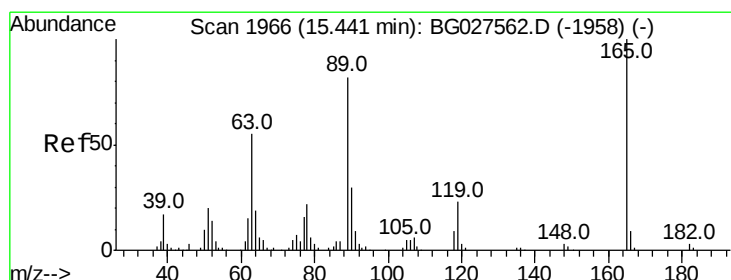
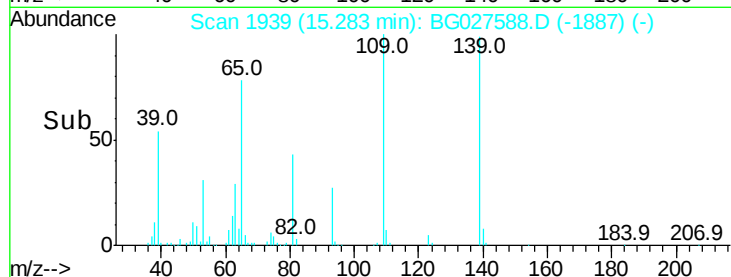
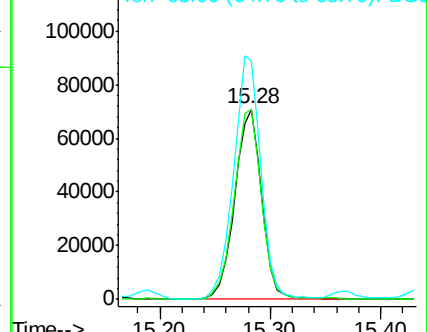
139 100

109 99.6 101.2 141.2#

65 125.5 135.3 175.3#



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



#56

2,4-Dinitrotoluene

Concen: 55.00 ng

RT: 15.44 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:165 Resp: 99230

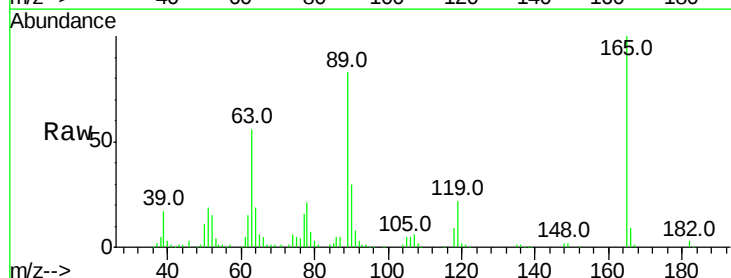
Ion Ratio Lower Upper

165 100

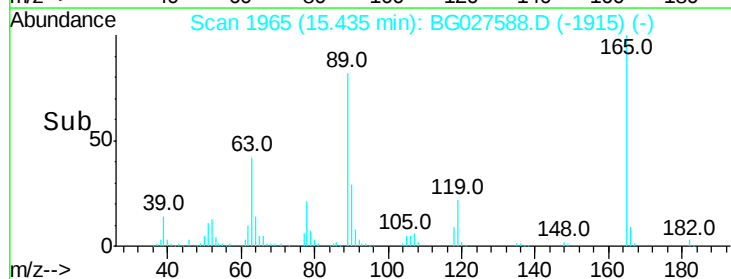
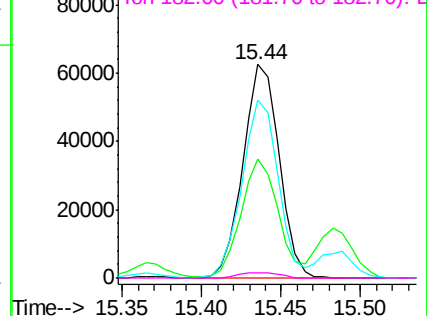
63 56.0 44.0 66.0

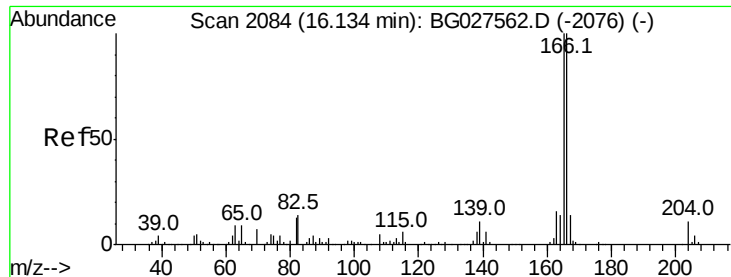
89 83.4 67.3 100.9

182 2.6 3.8 5.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.64 ng

RT: 16.13 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

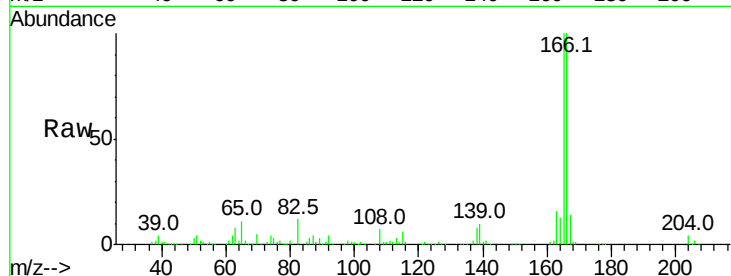
Tot Ion:166 Resp: 310454

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

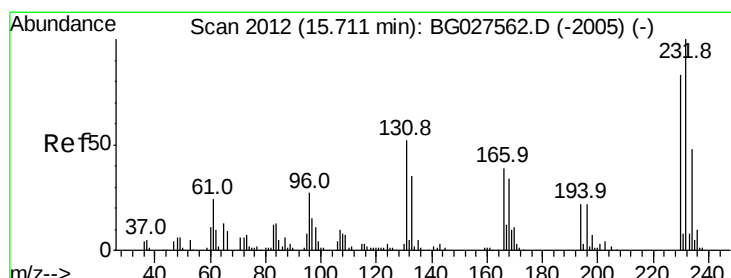
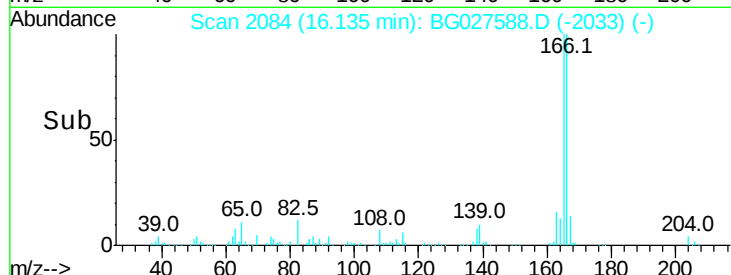
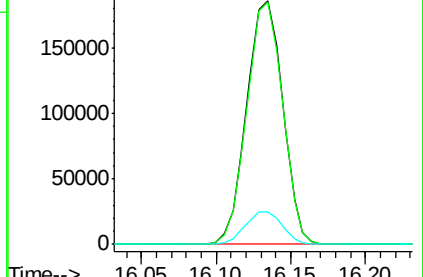
167 13.5 11.6 17.4



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: 61.07 ng

RT: 15.71 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Tgt Ion:232 Resp: 85745

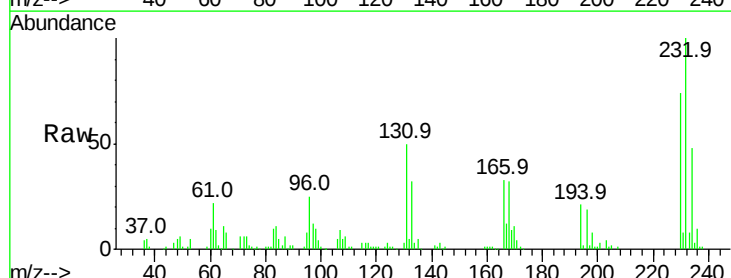
Ion Ratio Lower Upper

232 100

131 50.4 34.9 52.3

130 3.4 2.3 3.5

166 32.6 24.2 36.4

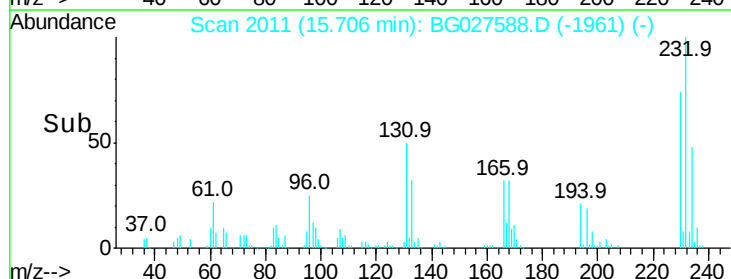
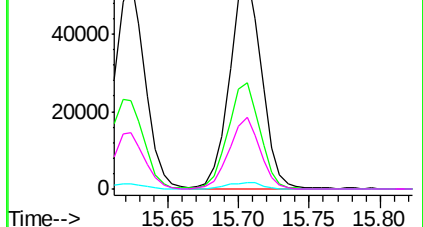


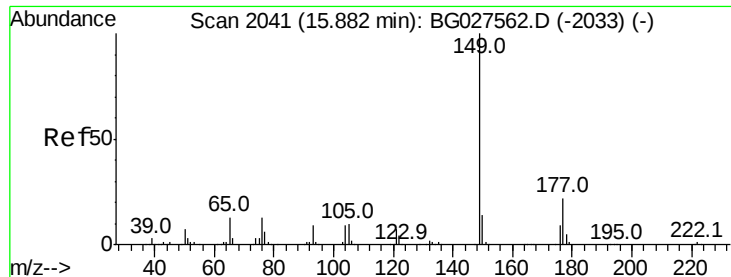
Abundance Ion 232.00 (231.70 to 232.70): E

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

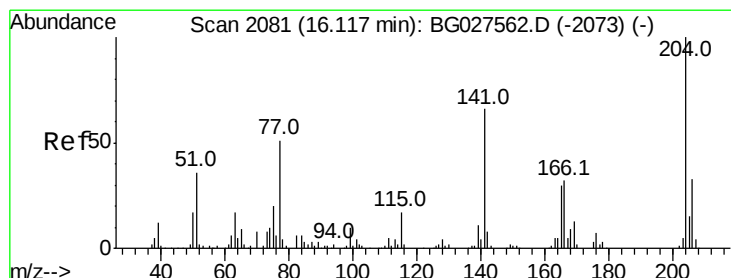
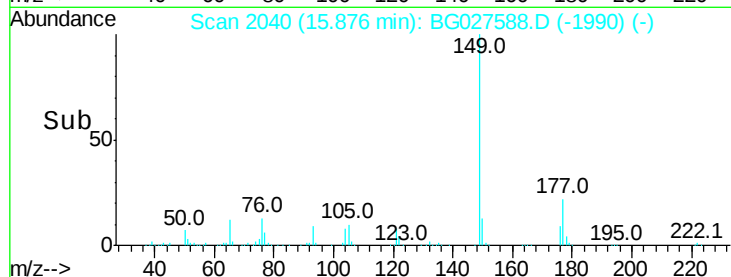
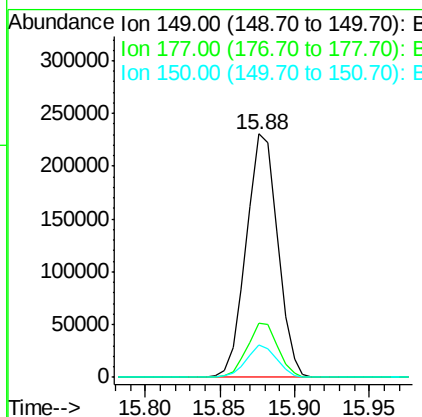
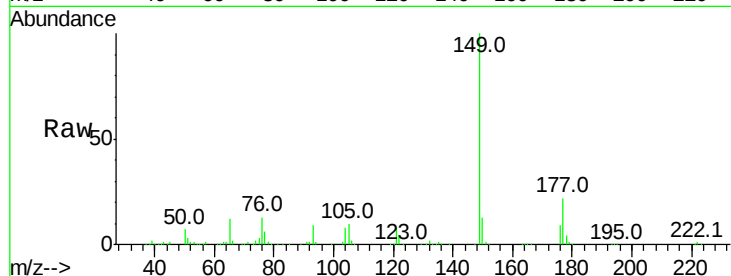




#59
Diethylphthalate
Concen: 52.45 ng
RT: 15.88 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

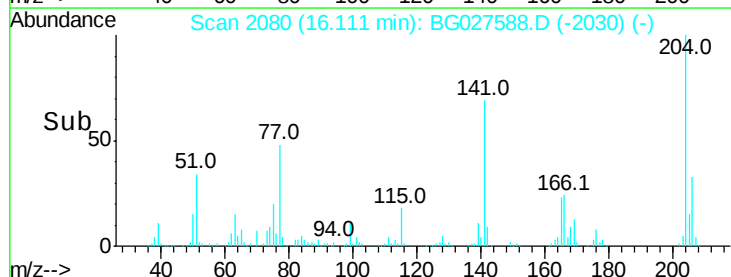
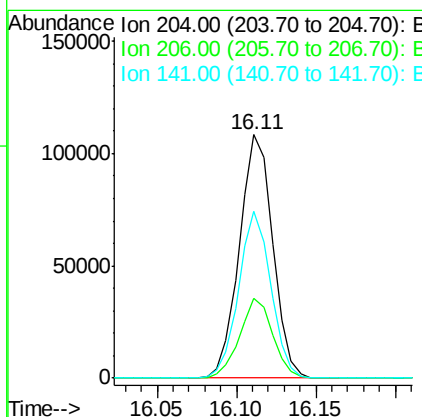
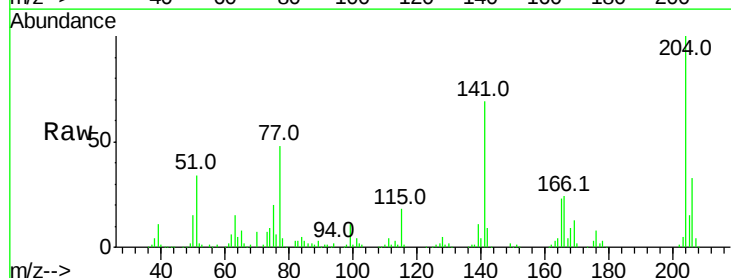
Instrument :
BNA_G
ClientSampleId :

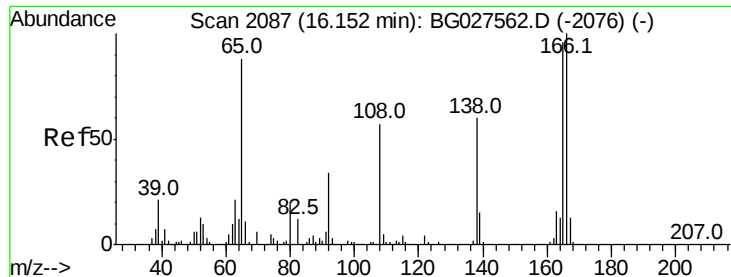
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	20.1	30.1
150	13.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 51.38 ng
RT: 16.11 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	30.1	45.1
141	68.6	50.6	76.0

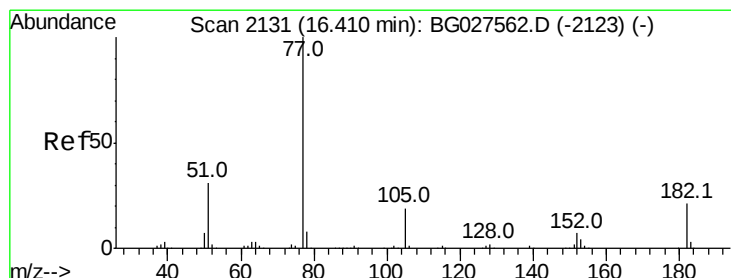
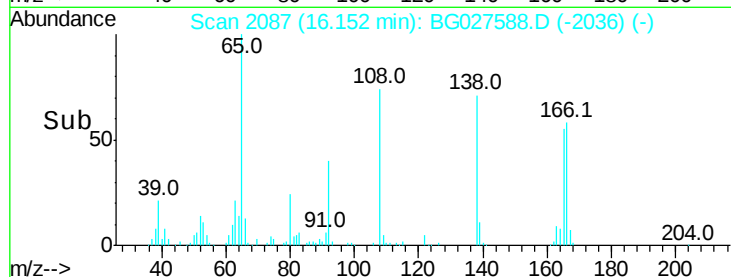
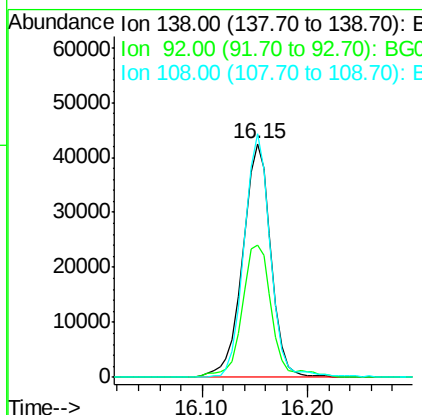
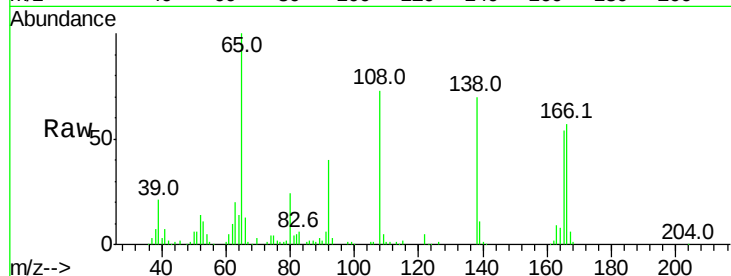




#61
4-Nitroaniline
Concen: 53.21 ng
RT: 16.15 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

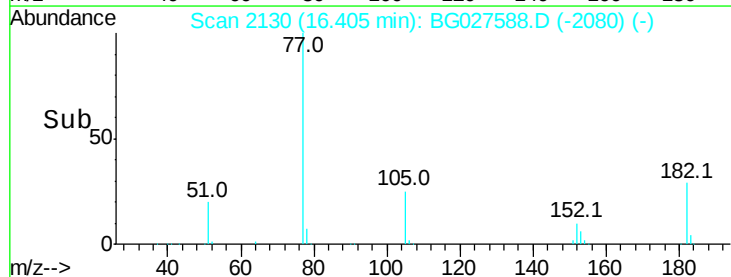
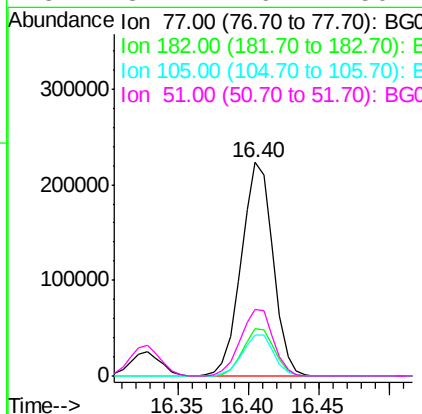
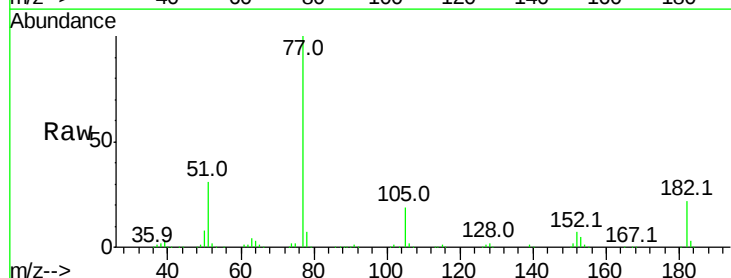
Instrument :
BNA_G
ClientSampled :

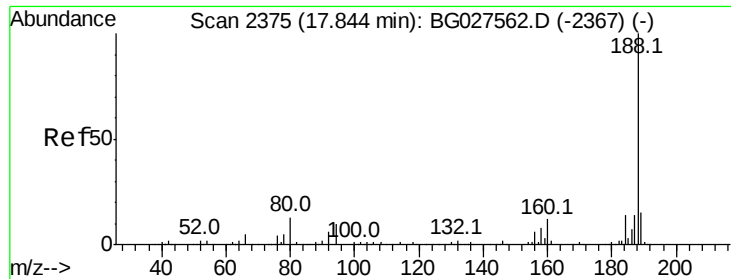
Tot Ion:138 Resp: 78402
Ion Ratio Lower Upper
138 100
92 56.8 44.2 84.2
108 104.2 104.8 144.8#



#62
Azobenzene
Concen: 53.49 ng
RT: 16.40 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion: 77 Resp: 350941
Ion Ratio Lower Upper
77 100
182 22.2 4.7 44.7
105 19.4 0.0 36.3
51 31.4 16.4 56.4

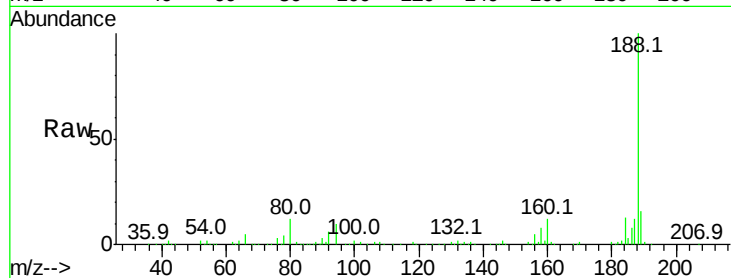




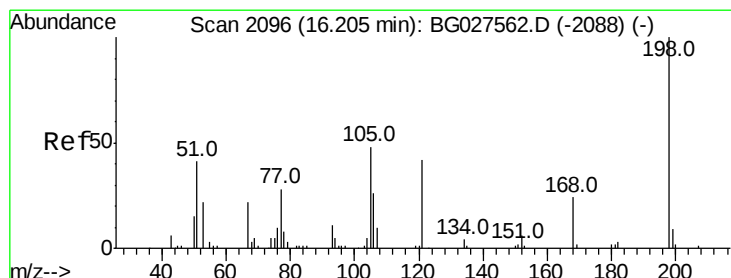
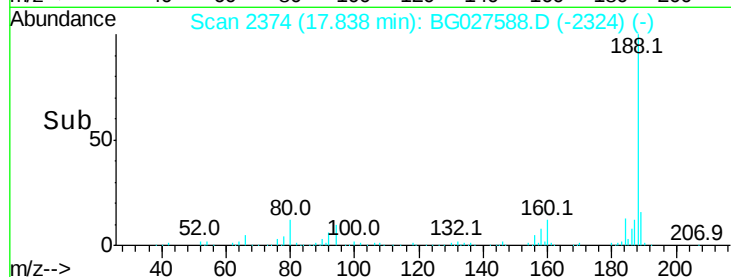
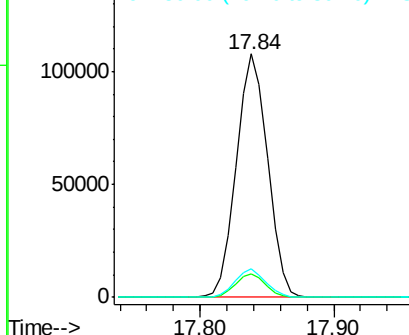
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 174710
 Ion Ratio Lower Upper
 188 100
 94 9.6 5.8 8.8#
 80 12.0 7.5 11.3#

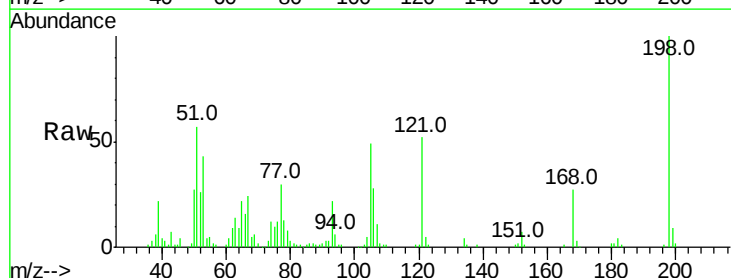


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

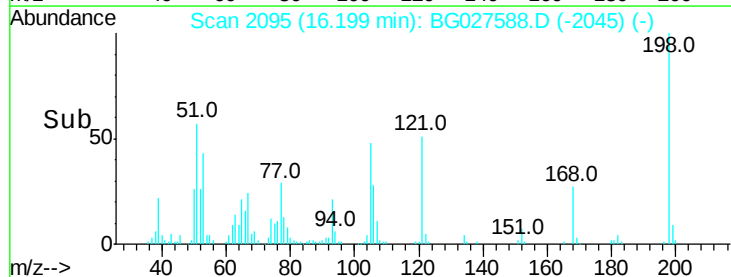
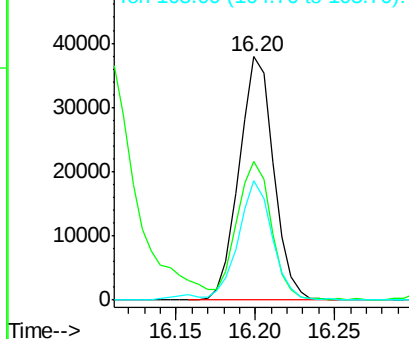


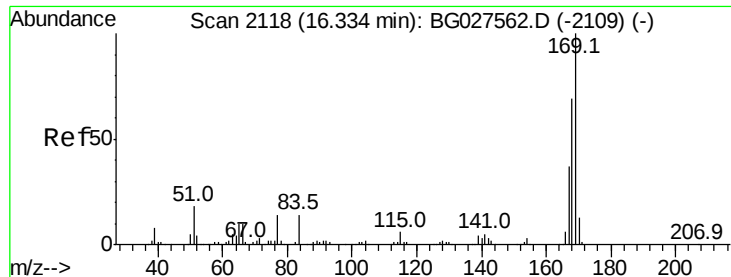
#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.76 ng
 RT: 16.20 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:198 Resp: 57428
 Ion Ratio Lower Upper
 198 100
 51 57.0 22.6 62.6
 105 49.2 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

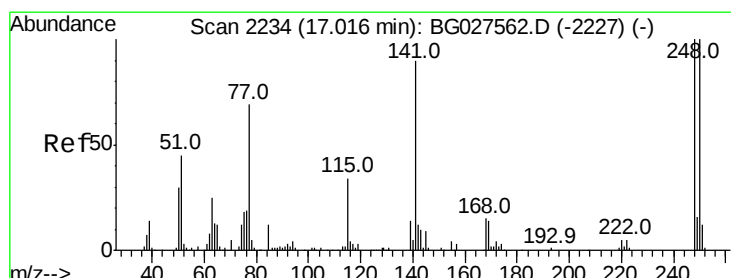
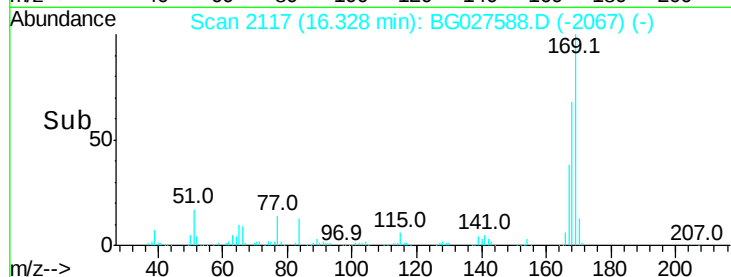
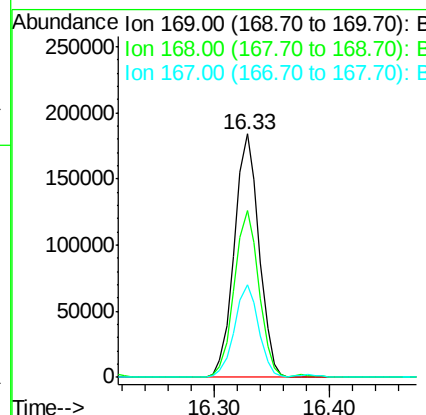
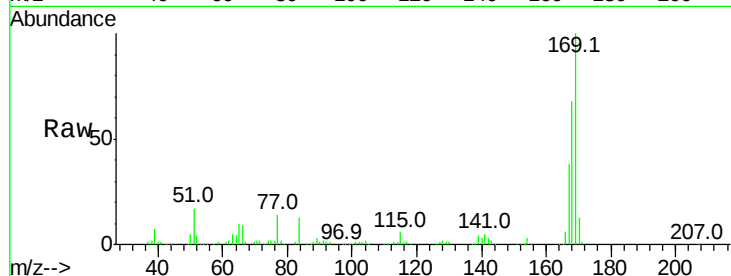




#65
 n-Nitrosodiphenylamine
 Concen: 50.79 ng
 RT: 16.33 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

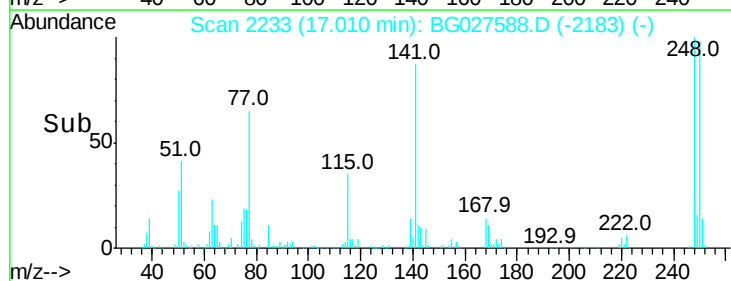
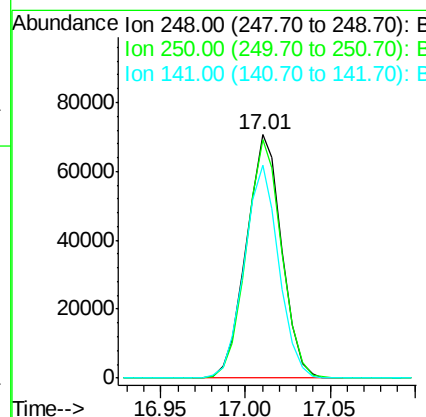
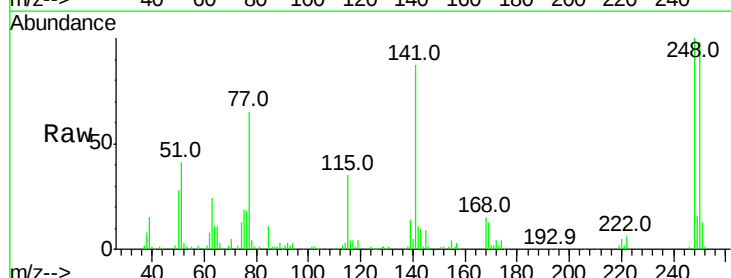
Instrument :
 BNA_G
 ClientSampled :

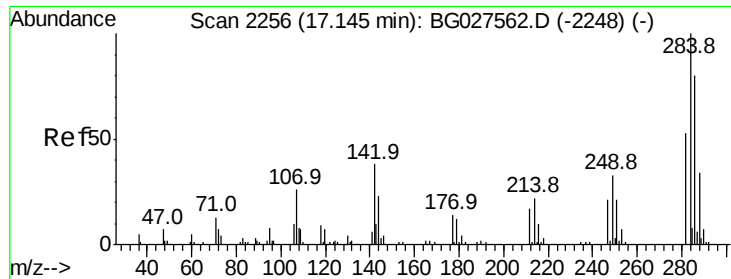
Tot Ion:169 Resp: 271996
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.7 83.5
 167 38.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 53.49 ng
 RT: 17.01 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:248 Resp: 102788
 Ion Ratio Lower Upper
 248 100
 250 98.0 75.0 112.6
 141 87.4 55.2 82.8#





#67

Hexachlorobenzene

Concen: 52.38 ng

RT: 17.14 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampled :

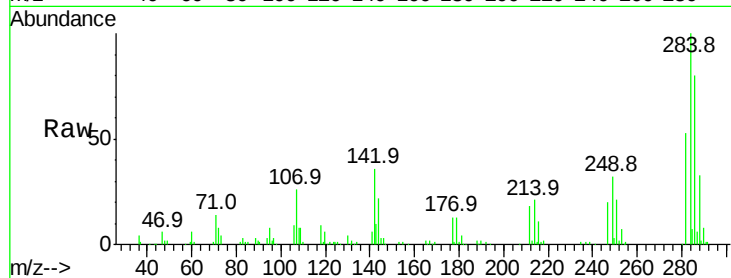
Tot Ion:284 Resp: 107566

Ion Ratio Lower Upper

284 100

142 36.4 29.9 44.9

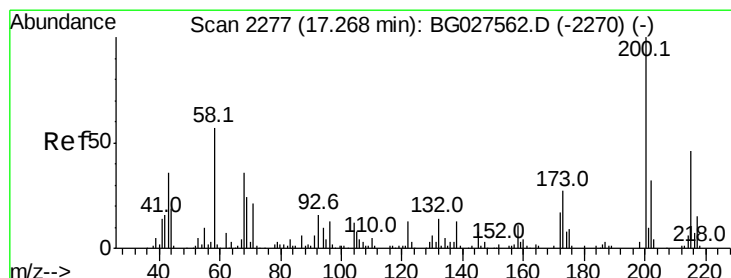
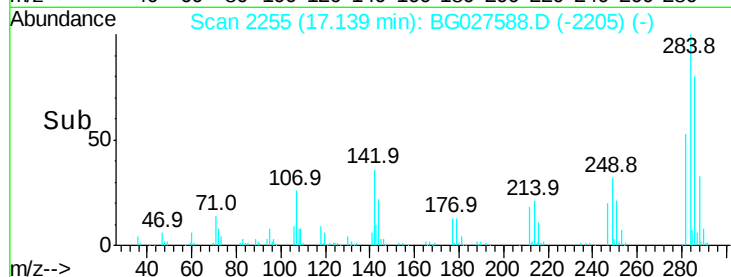
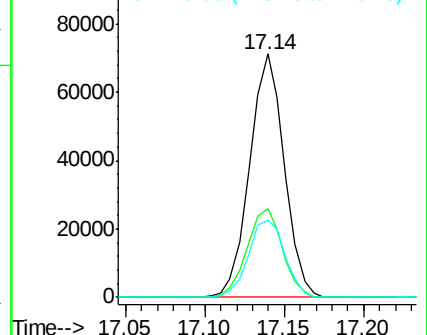
249 31.7 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.35 ng

RT: 17.27 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

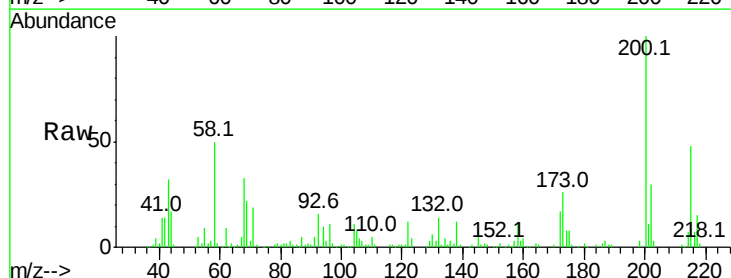
Tgt Ion:200 Resp: 102708

Ion Ratio Lower Upper

200 100

173 25.8 3.0 43.0

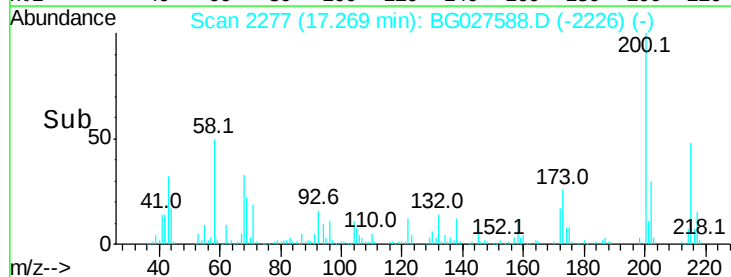
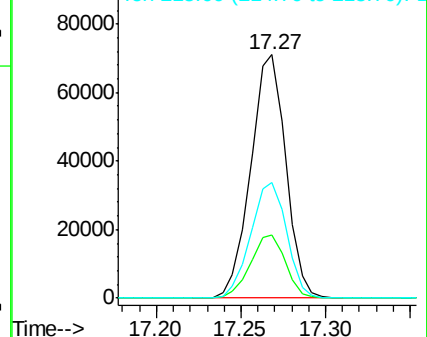
215 47.5 28.4 68.4

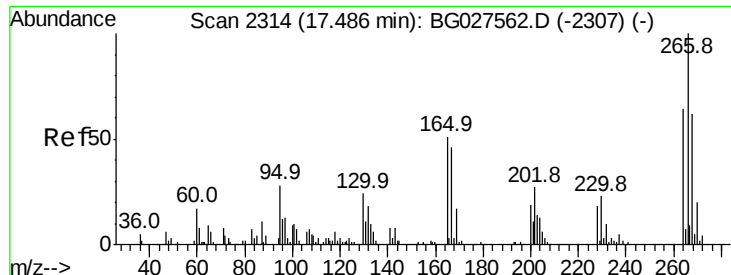


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

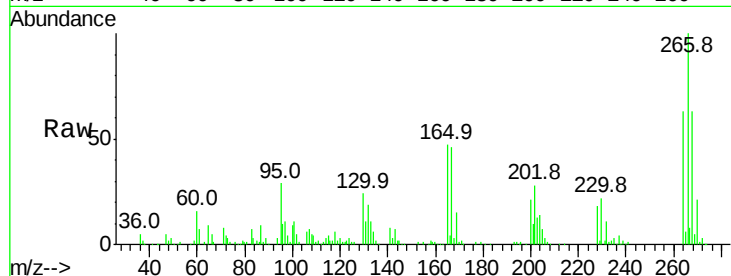




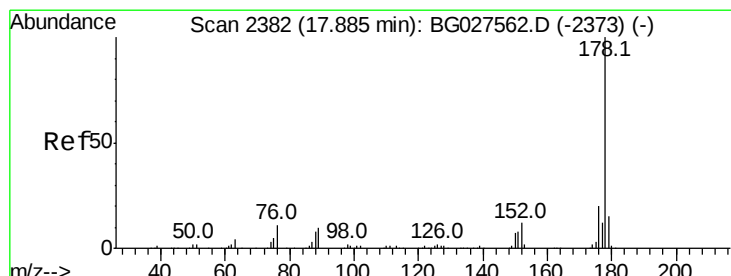
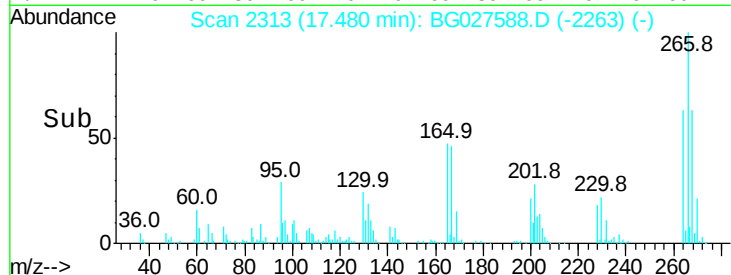
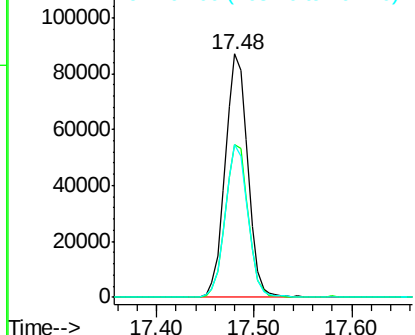
#69
 Pentachlorophenol
 Concen: 109.30 ng
 RT: 17.48 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampled :

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

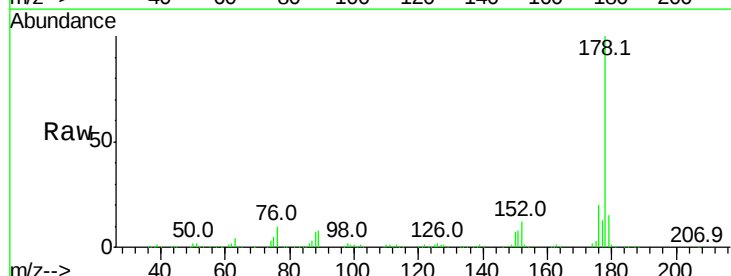


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

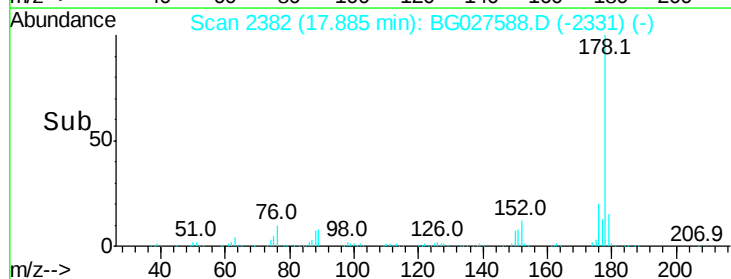
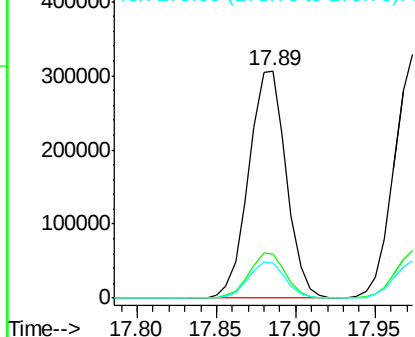


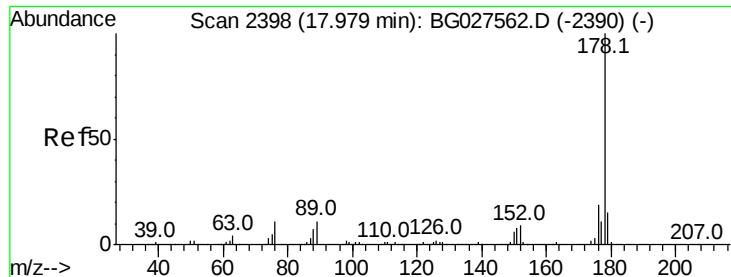
#70
 Phenanthrene
 Concen: 50.72 ng
 RT: 17.89 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.7	26.5
179	15.3	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

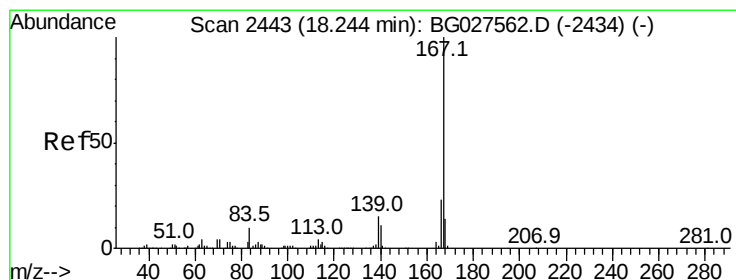
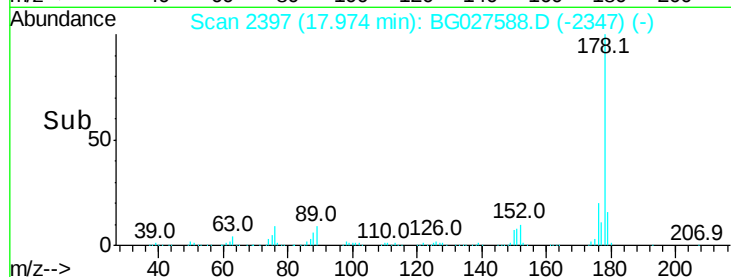
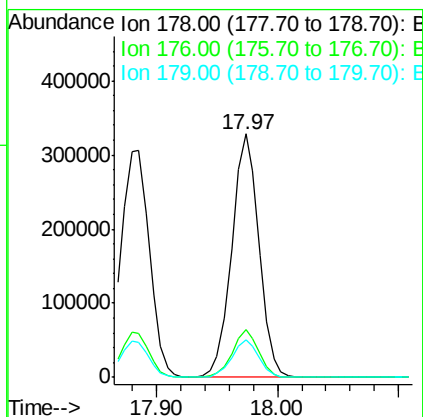
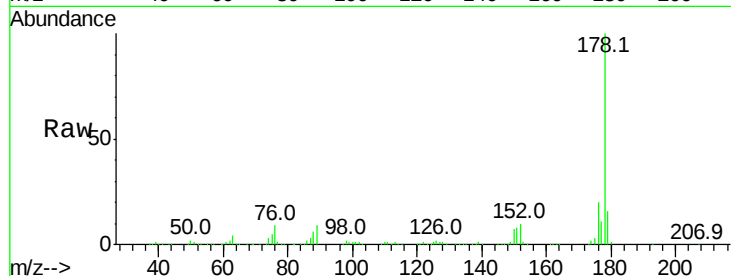




#71
 Anthracene
 Concen: 51.27 ng
 RT: 17.97 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

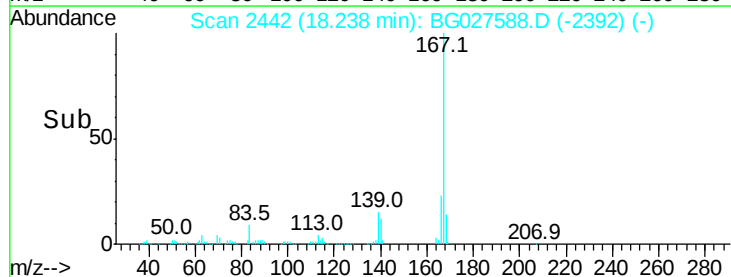
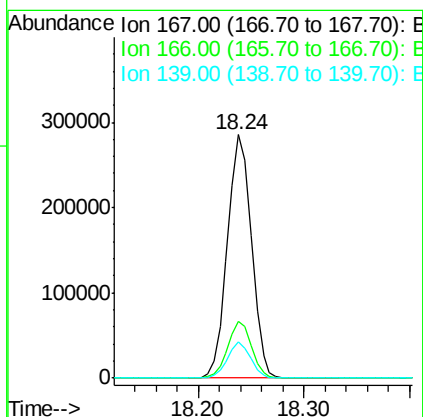
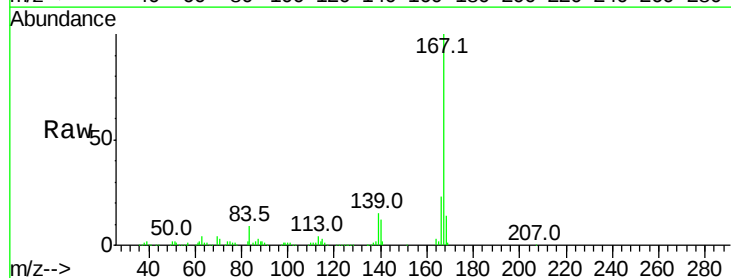
Instrument :
 BNA_G
 ClientSampleId :

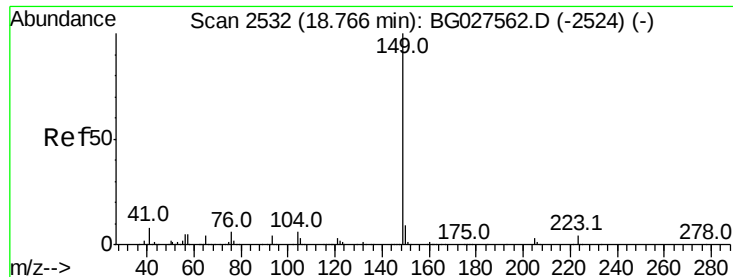
Tot Ion:178 Resp: 513023
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.4 24.6
 179 15.6 13.8 20.8



#72
 Carbazole
 Concen: 46.17 ng
 RT: 18.24 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:167 Resp: 450108
 Ion Ratio Lower Upper
 167 100
 166 23.2 20.2 30.2
 139 14.6 12.8 19.2

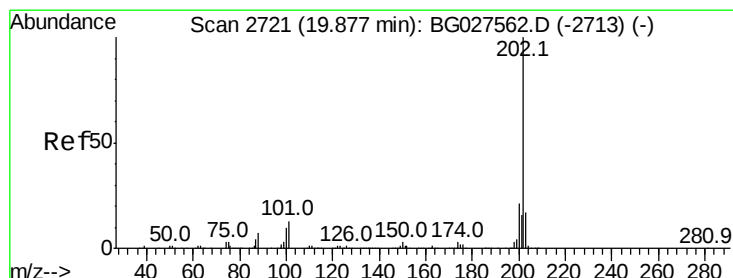
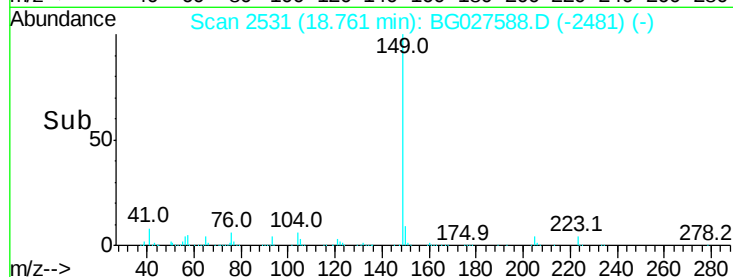
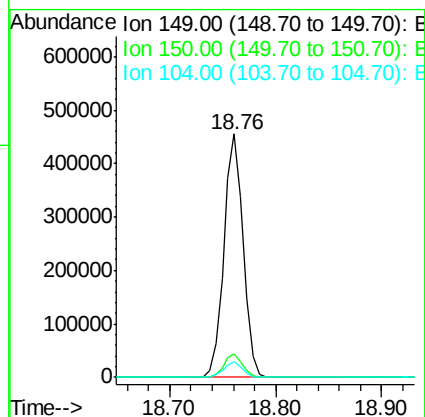
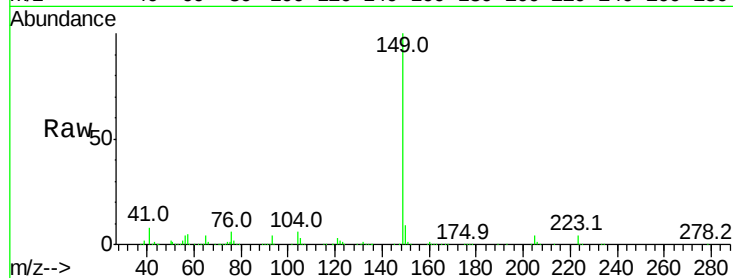




#73
Di-n-butylphthalate
Concen: 52.47 ng
RT: 18.76 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

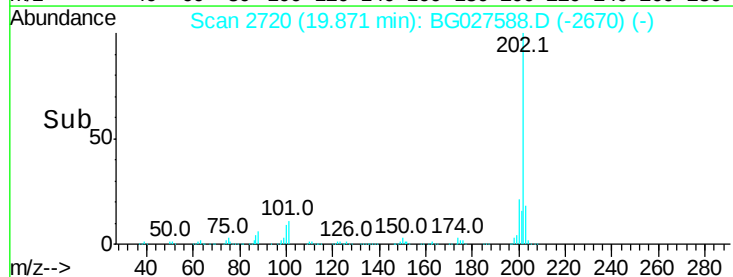
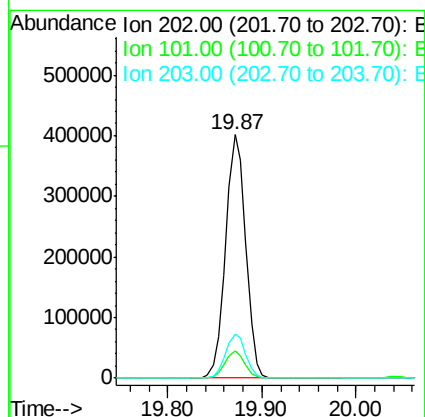
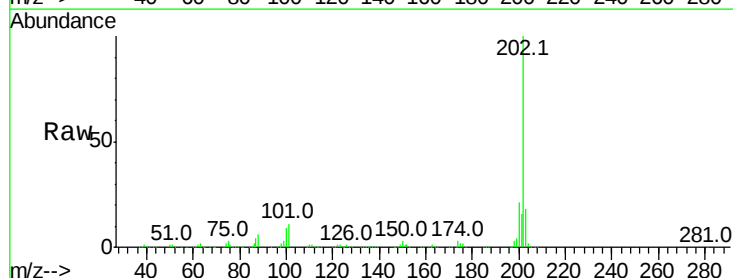
Instrument :
BNA_G
ClientSampleId :

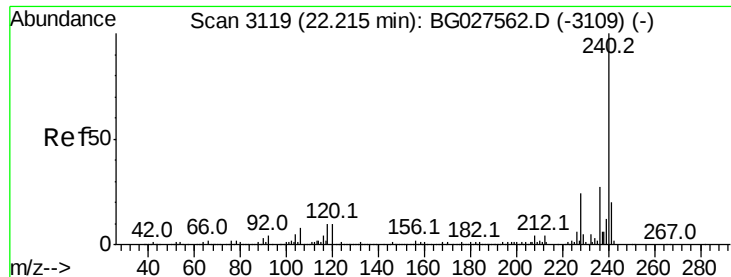
Tot Ion:149 Resp: 573142
Ion Ratio Lower Upper
149 100
150 9.4 9.1 13.7
104 6.3 6.7 10.1#



#74
Fluoranthene
Concen: 51.43 ng
RT: 19.87 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:202 Resp: 595555
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.1
203 17.9 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: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

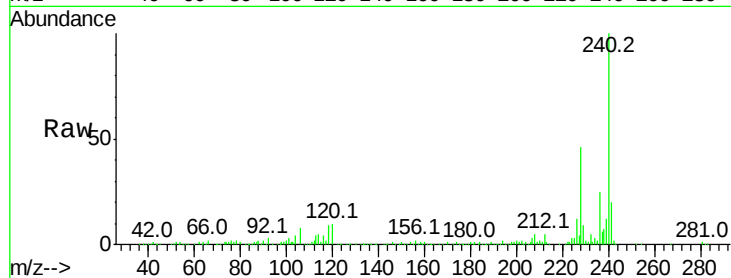
Tot Ion:240 Resp: 199503

Ion Ratio Lower Upper

240 100

120 9.6 5.7 8.5#

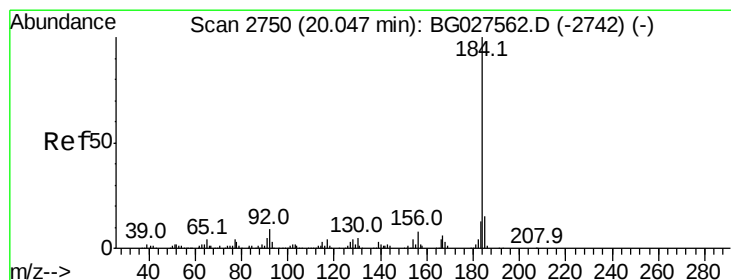
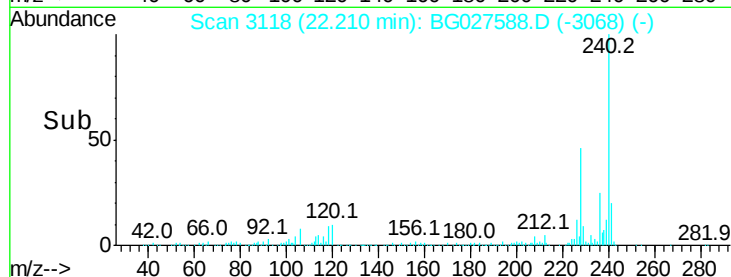
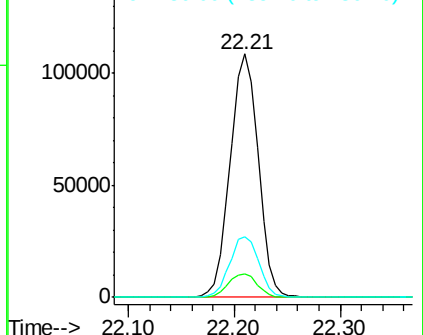
236 25.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 70.53 ng

RT: 20.04 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

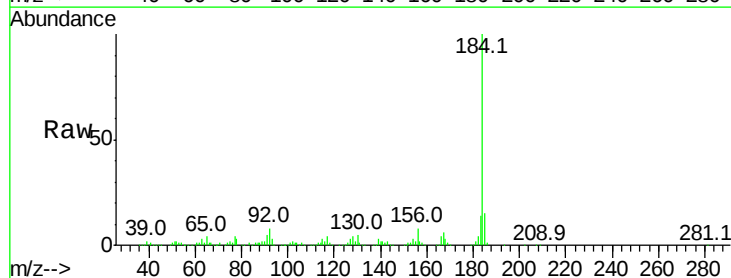
Tgt Ion:184 Resp: 345367

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

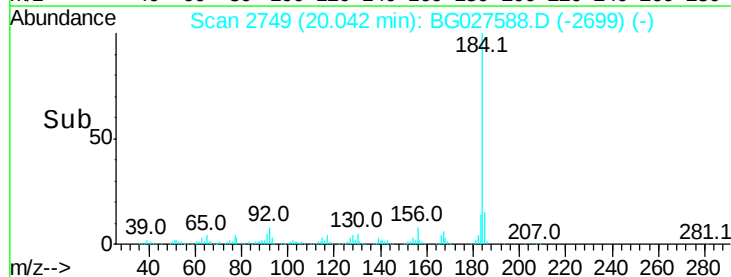
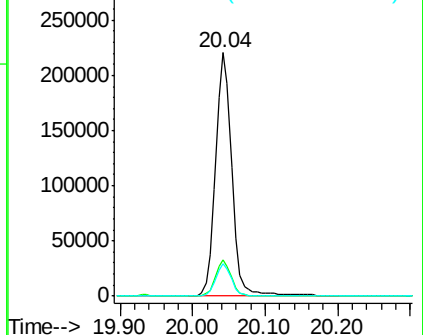
183 13.5 11.0 16.6

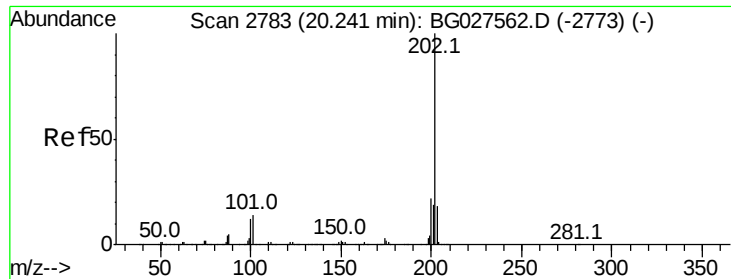


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

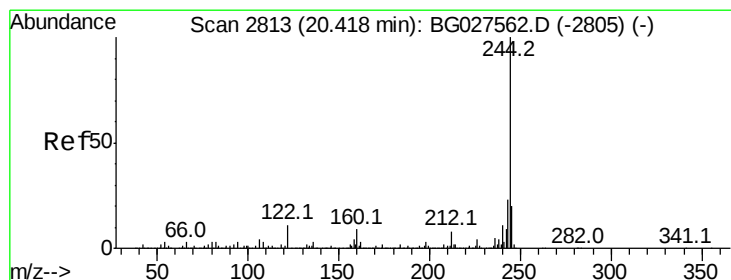
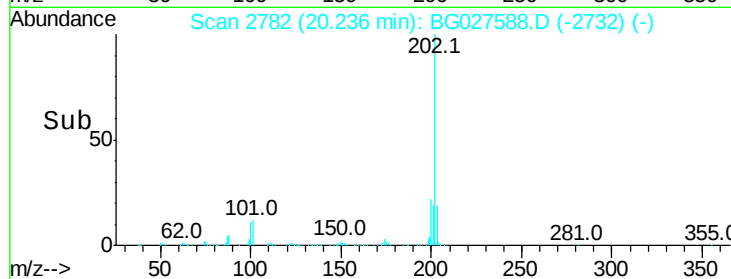
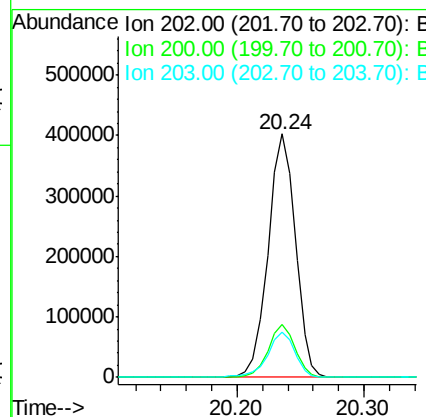
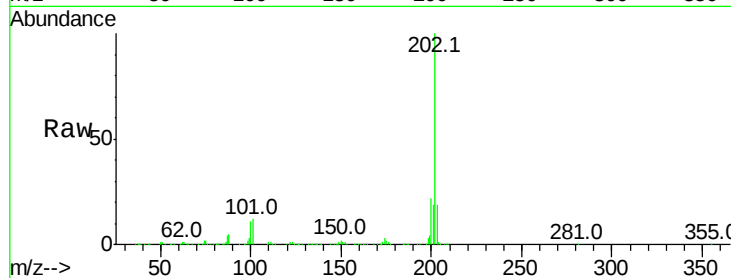




#77
Pvrene
Concen: 49.83 ng
RT: 20.24 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

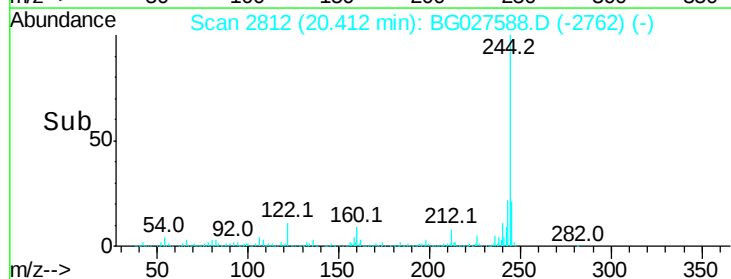
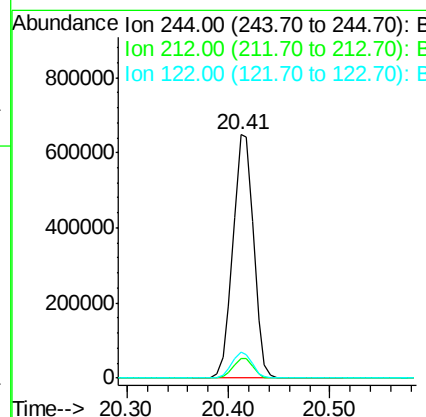
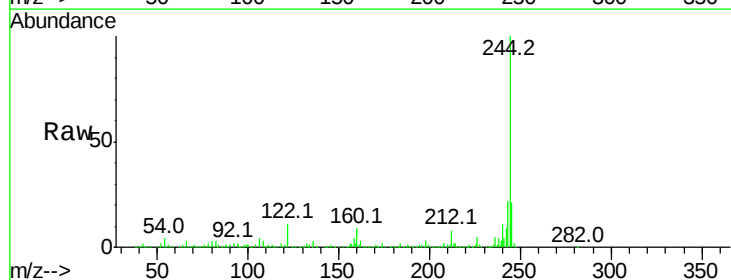
Instrument :
BNA_G
ClientSampleId :

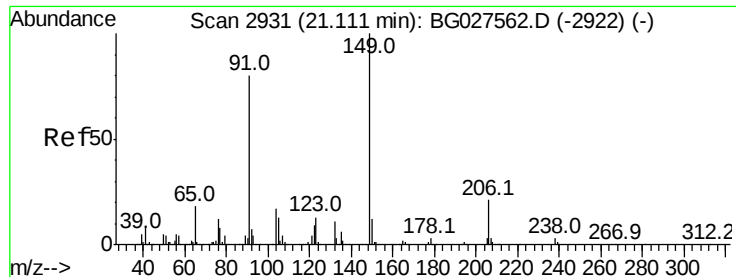
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.6	29.4
203	18.7	15.8	23.8



#78
Terphenyl-d14
Concen: 108.00 ng
RT: 20.41 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	10.7	8.6	12.8

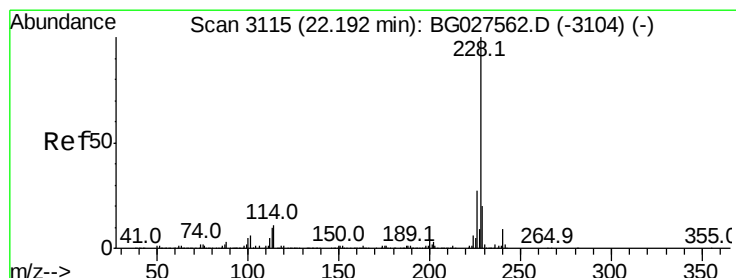
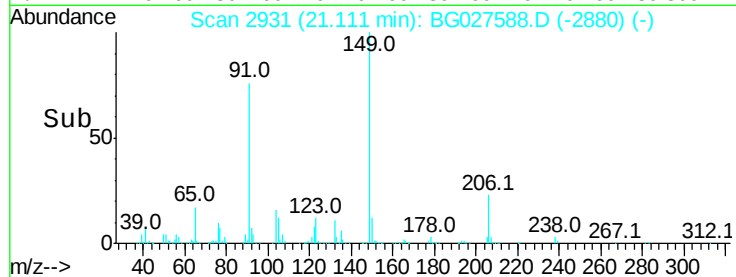
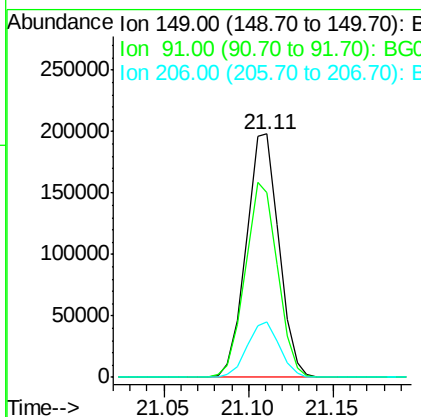
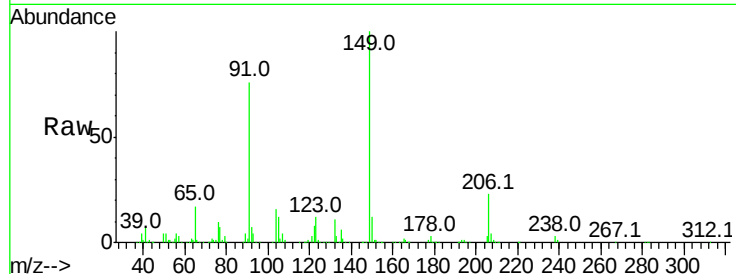




#79
 Butylbenzylphthalate
 Concen: 52.90 ng
 RT: 21.11 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

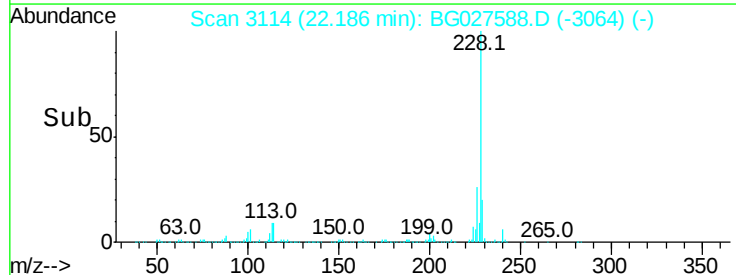
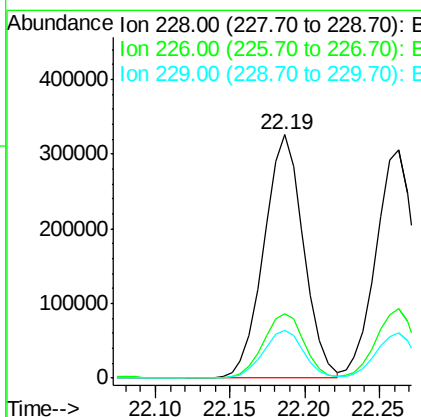
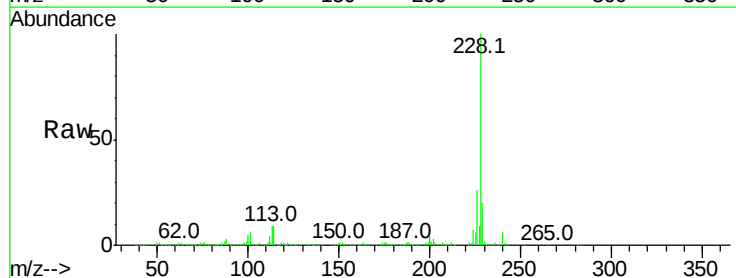
Instrument :
 BNA_G
 ClientSampled :

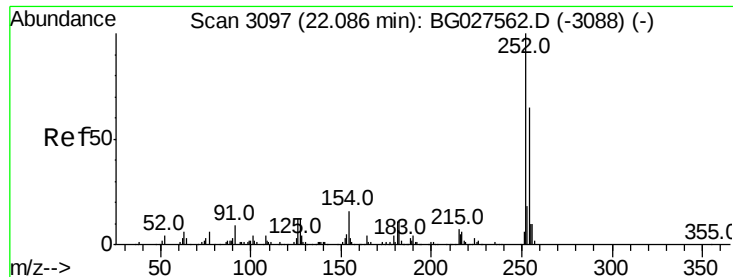
Tot Ion:	149	Resp:	267771
Ion	Ratio	Lower	Upper
149	100		
91	75.9	63.5	95.3
206	22.8	21.0	31.6



#80
 Benzo(a)anthracene
 Concen: 50.11 ng
 RT: 22.19 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion:	228	Resp:	599859
Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.9	37.3
229	19.8	18.2	27.2

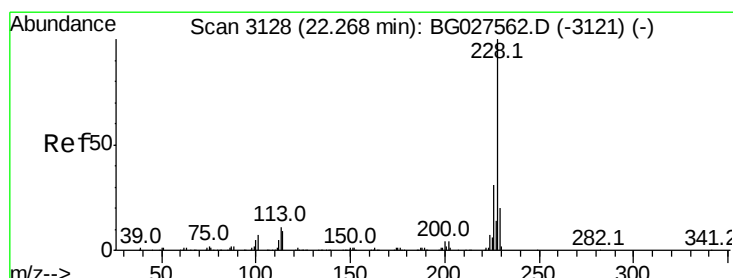
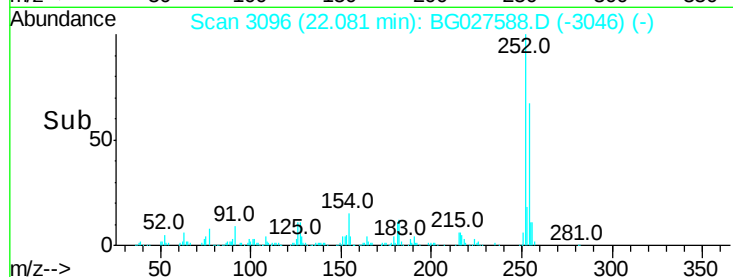
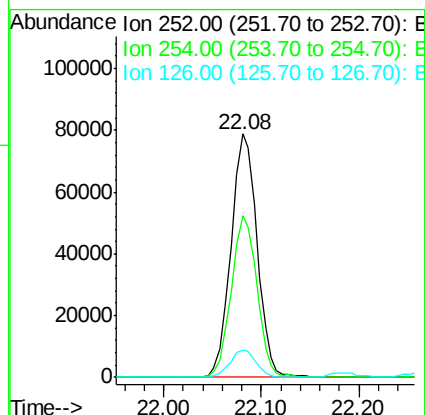
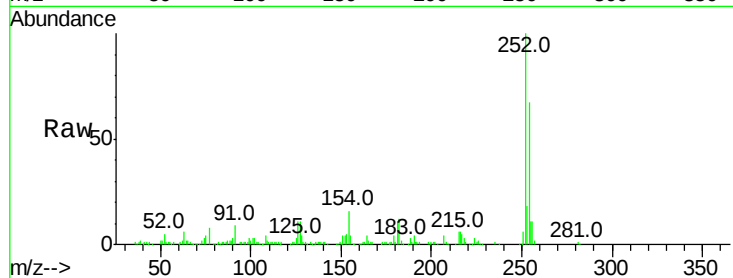




#81
 3,3'-Dichlorobenzidine
 Concen: 33.86 ng
 RT: 22.08 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

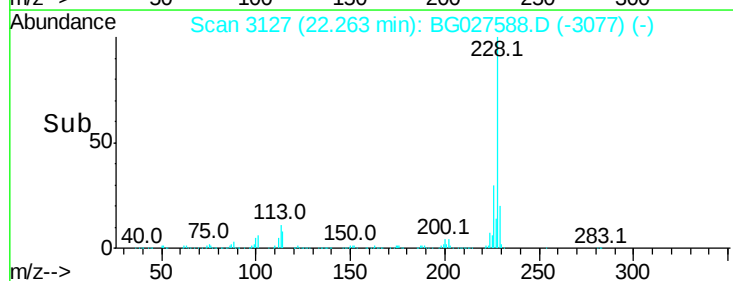
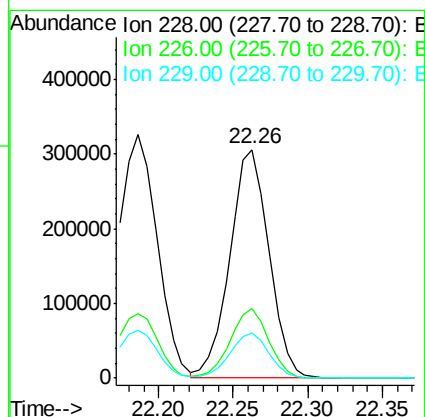
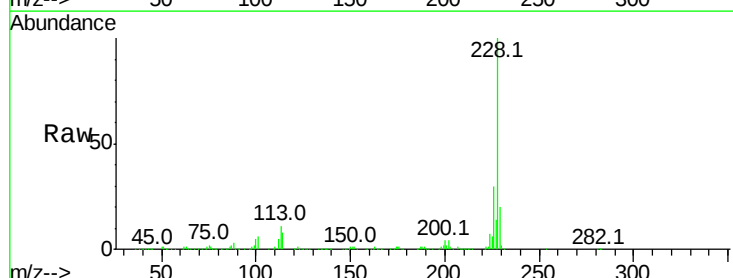
Instrument :
 BNA_G
 ClientSampleId :

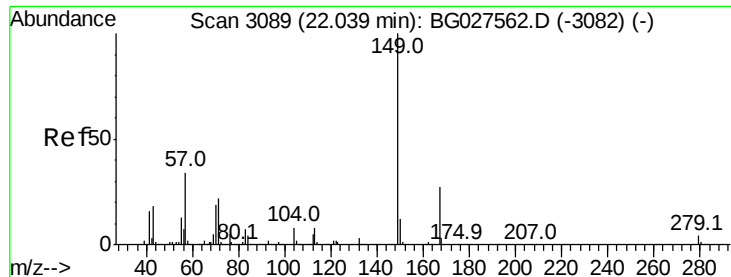
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.1	79.7
126	11.3	7.0	10.4



#82
 Chrysene
 Concen: 49.09 ng
 RT: 22.26 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	27.0	40.4
229	20.0	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.09 ng

RT: 22.04 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

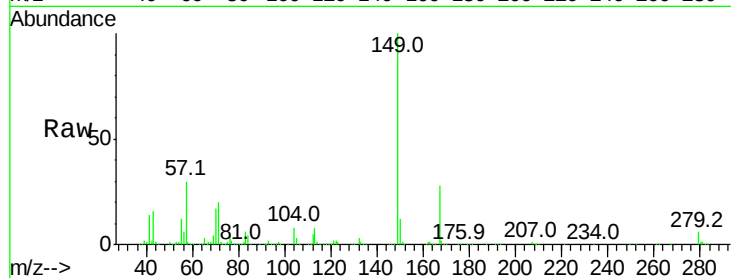
Tot Ion:149 Resp: 386448

Ion Ratio Lower Upper

149 100

167 28.4 23.7 35.5

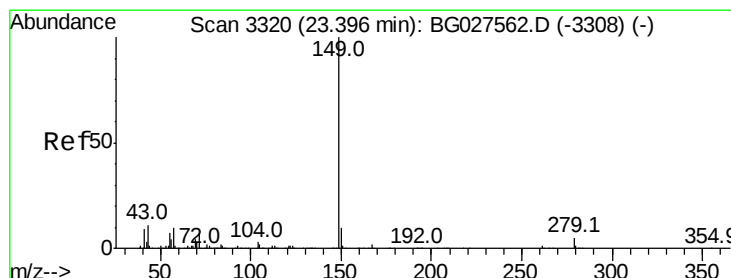
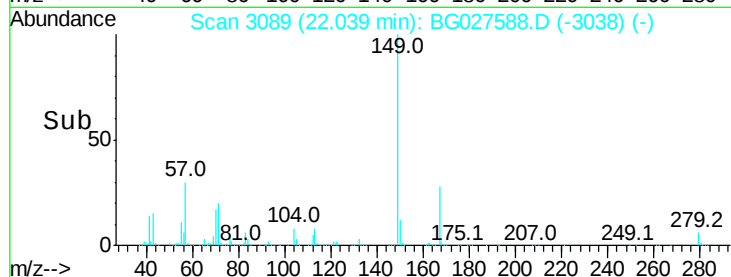
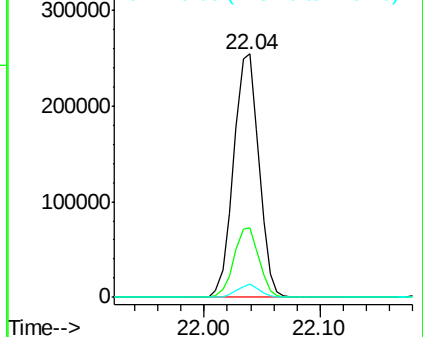
279 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.61 ng

RT: 23.39 min Scan# 3319

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

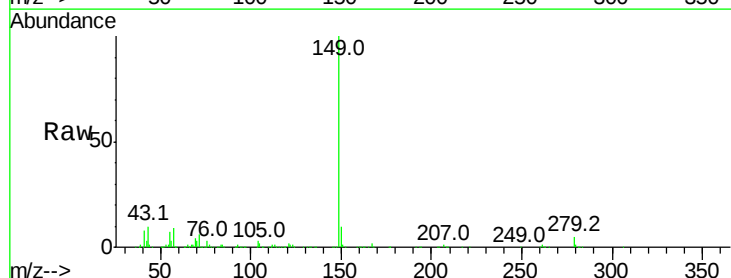
Tgt Ion:149 Resp: 661634

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

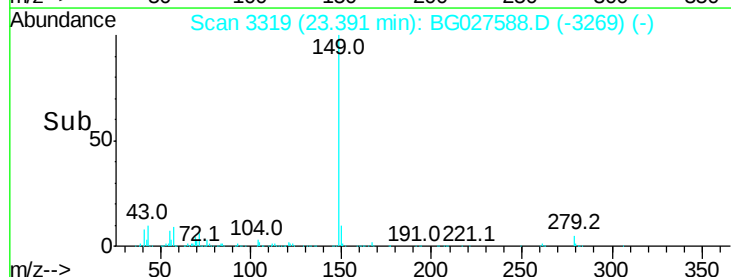
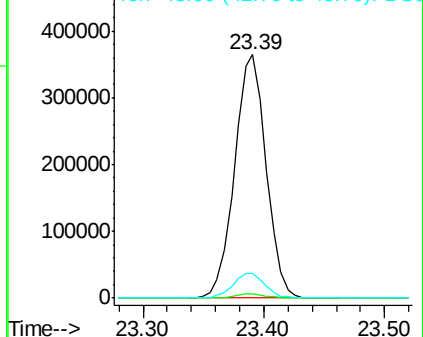
43 10.1 11.8 17.6#

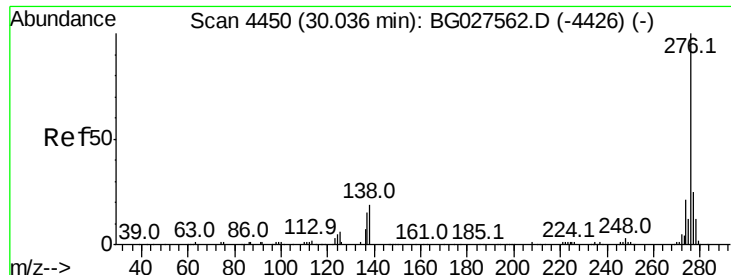


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.49 ng

RT: 30.03 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

Instrument :

BNA_G

ClientSampleId :

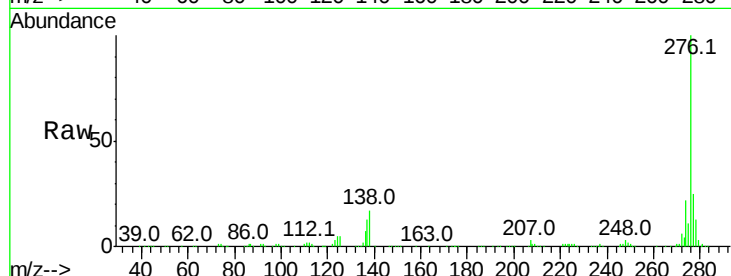
Tot Ion:276 Resp: 691432

Ion Ratio Lower Upper

276 100

138 13.7 4.7 7.1#

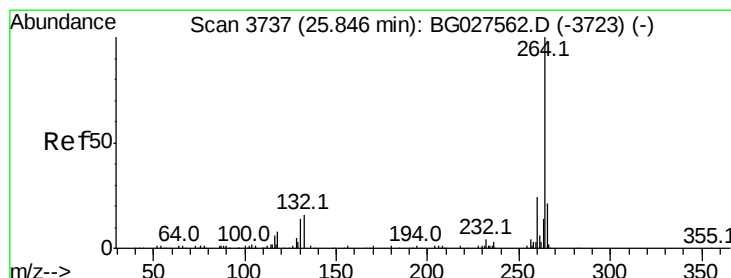
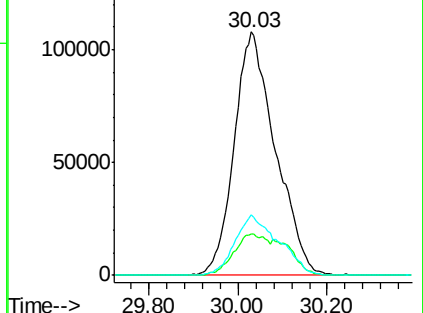
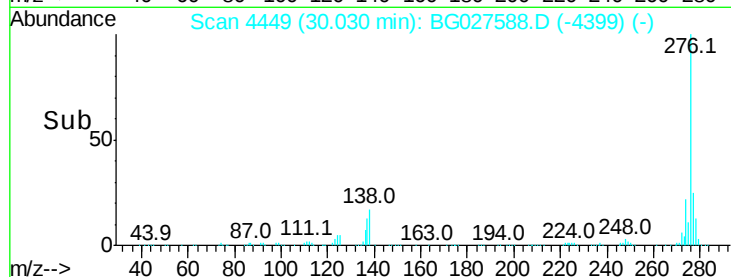
277 26.4 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027588.D

Acq: 22 Jun 2017 9:42

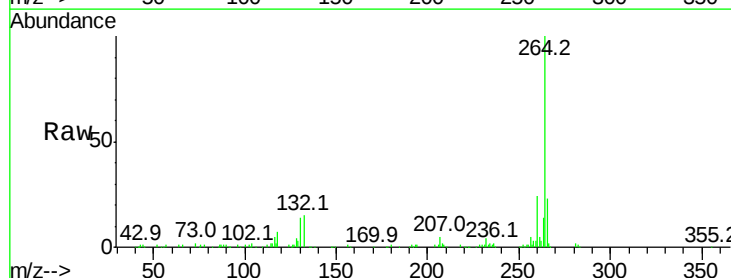
Tgt Ion:264 Resp: 186429

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

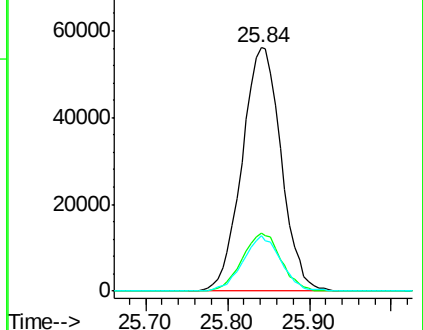
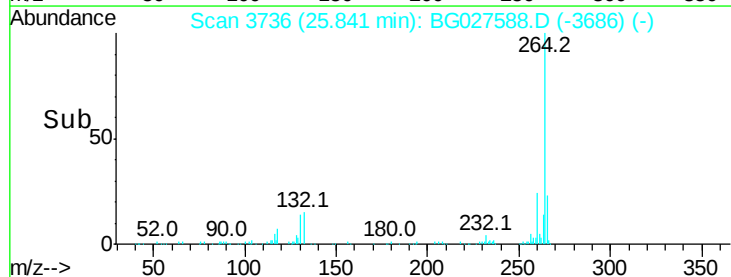
265 22.7 18.2 27.4

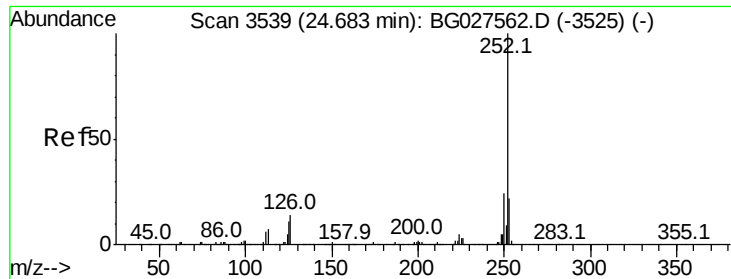


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

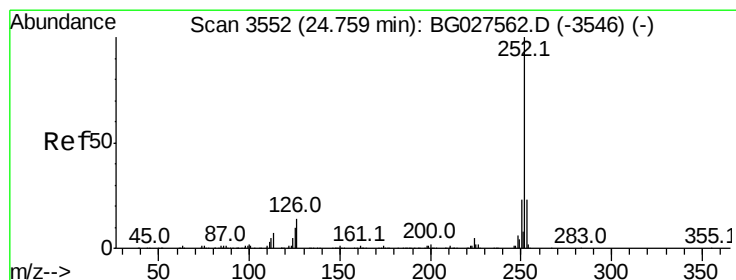
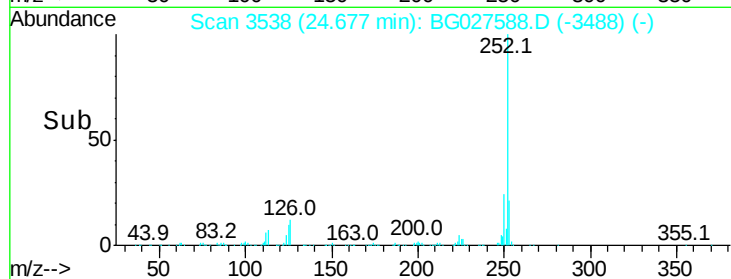
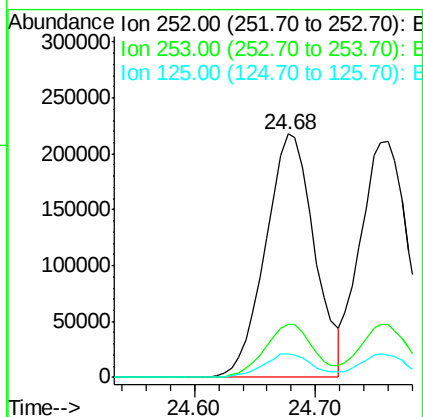
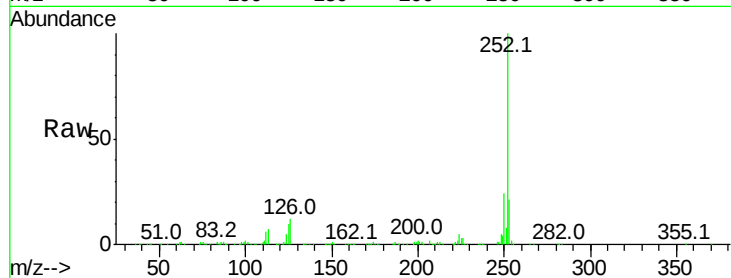




#87
Benzo(b)fluoranthene
Concen: 51.32 ng
RT: 24.68 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

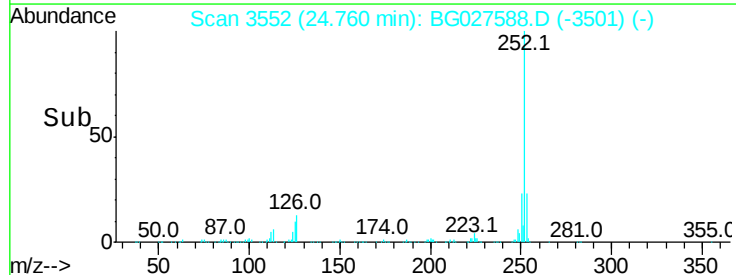
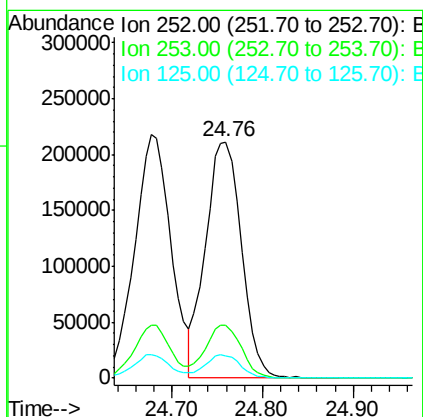
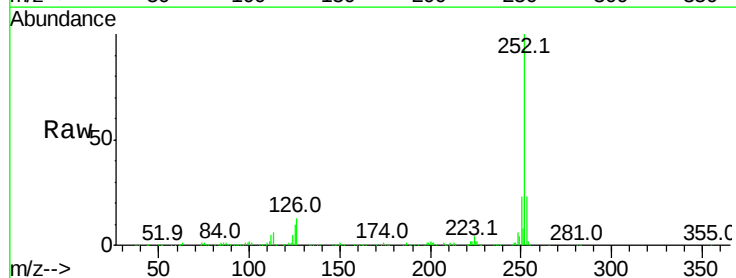
Instrument :
BNA_G
ClientSampled :

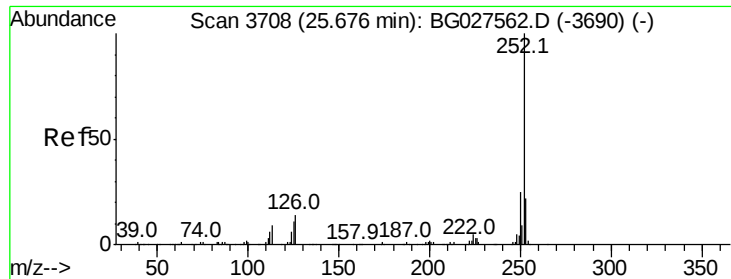
Tot Ion:252 Resp: 611689
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 9.8 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 49.85 ng
RT: 24.76 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion:252 Resp: 581346
Ion Ratio Lower Upper
252 100
253 22.7 20.2 30.2
125 9.6 5.1 7.7#

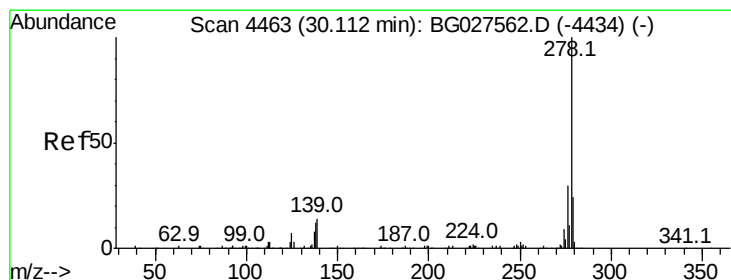
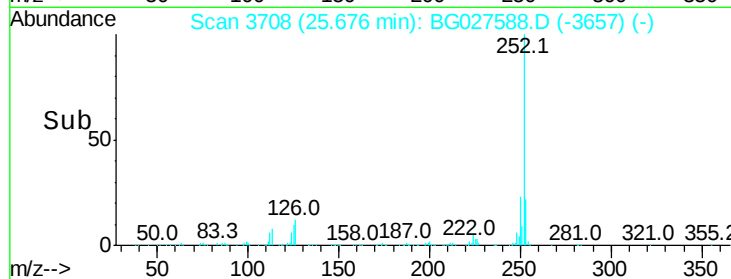
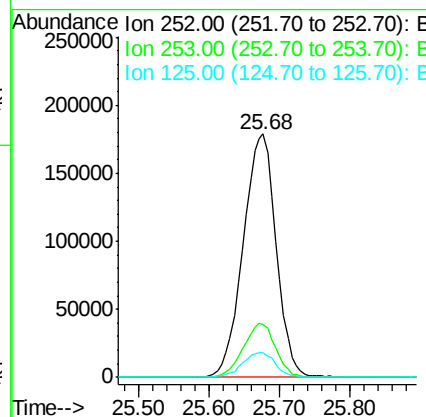
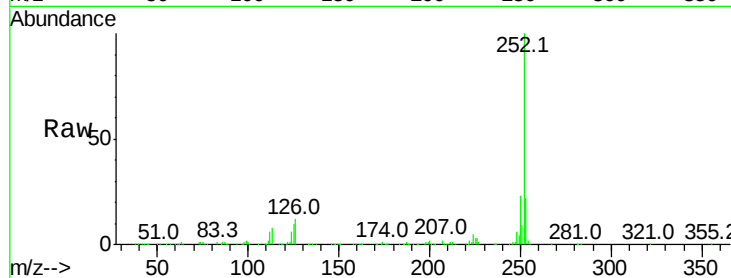




#89
Benzo(a)pyrene
Concen: 51.55 ng
RT: 25.68 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

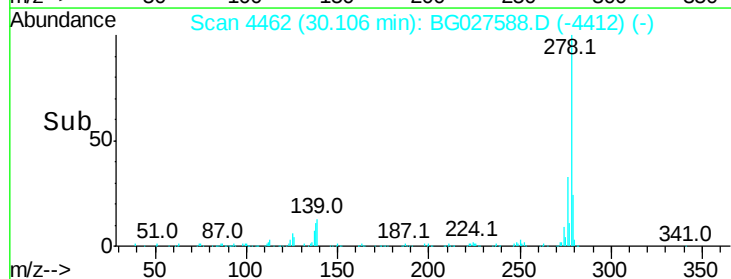
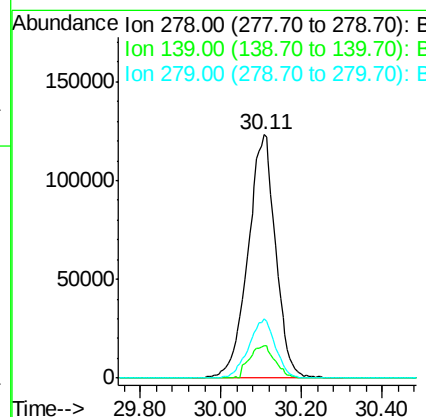
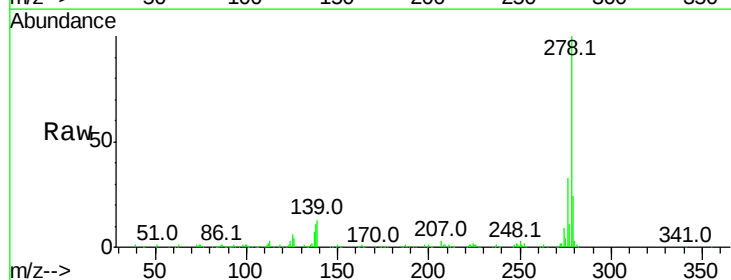
Instrument :
BNA_G
ClientSampled :

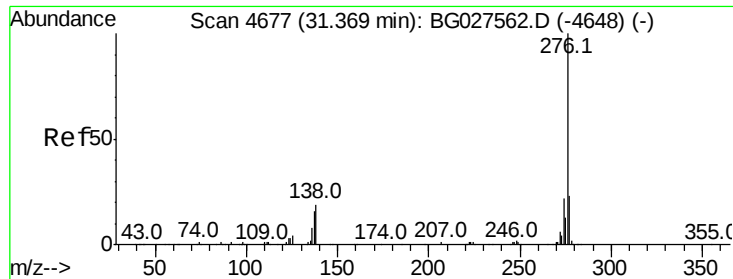
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.2	28.8
125	10.2	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 51.34 ng
RT: 30.11 min Scan# 4462
Delta R.T. -0.01 min
Lab File: BG027588.D
Acq: 22 Jun 2017 9:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	7.7	11.5
279	24.4	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 50.37 ng
 RT: 31.35 min Scan# 4674
 Delta R.T. -0.02 min
 Lab File: BG027588.D
 Acq: 22 Jun 2017 9:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	18.9	8.1	12.1

