

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027771.D
 Acq On : 1 Jul 2017 2:26
 Operator : SJ/JU
 Sample : I3956-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Quant Time: Jul 01 05:46:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	60896	40.00	ng	0.00
21) Naphthalene-d8	11.30	136	315756	40.00	ng	0.00
38) Acenaphthene-d10	15.07	164	214505	40.00	ng	0.00
63) Phenanthrene-d10	17.82	188	518891	40.00	ng	0.00
75) Chrysene-d12	22.18	240	539738	40.00	ng	0.00
86) Perylene-d12	25.80	264	528045	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.05	112	218562	110.54	ng	0.00
7) Phenol-d6	7.62	99	330019	109.25	ng	0.00
23) Nitrobenzene-d5	9.64	82	195131	68.89	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	171284	116.43	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	491139	65.40	ng	0.00
78) Terphenyl-d14	20.39	244	796089	69.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.05	88	17275	23.47	ng	88
3) Pyridine	4.43	79	52902	23.34	ng	93
4) n-Nitrosodimethylamine	4.34	42	35580	32.01	ng	# 76
6) Aniline	7.80	93	110831	31.65	ng	99
8) 2-Chlorophenol	8.04	128	85681	38.78	ng	93
9) Benzaldehyde	7.62	77	38581	21.46	ng	87
10) Phenol	7.65	94	120037	40.17	ng	82
11) bis(2-Chloroethyl)ether	7.88	93	74525	32.83	ng	98
12) 1,3-Dichlorobenzene	8.37	146	78860m	33.55	ng	
13) 1,4-Dichlorobenzene	8.51	146	79916	32.82	ng	97
14) 1,2-Dichlorobenzene	8.83	146	79410	33.63	ng	93
15) Benzyl Alcohol	8.70	79	76049	36.39	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.98	45	167831	34.66	ng	97
17) 2-Methylphenol	8.90	107	79299	37.51	ng	# 85
18) Hexachloroethane	9.57	117	28266	33.00	ng	83
19) n-Nitroso-di-n-propylamine	9.26	70	71598	32.58	ng	98
20) 3+4-Methylphenols	9.22	107	110067	36.10	ng	88
22) Acetophenone	9.29	105	131237	34.45	ng	# 91
24) Nitrobenzene	9.69	77	99561	33.62	ng	# 84
25) Isophorone	10.20	82	207512	33.61	ng	# 95
26) 2-Nitrophenol	10.40	139	49849	37.27	ng	# 79
27) 2,4-Dimethylphenol	10.44	122	95068	37.95	ng	91
28) bis(2-Chloroethoxy)methane	10.67	93	113359	32.39	ng	96
29) 2,4-Dichlorophenol	10.93	162	87676	39.94	ng	98
30) 1,2,4-Trichlorobenzene	11.15	180	80317	35.87	ng	96
31) Naphthalene	11.35	128	284787	33.92	ng	99
32) Benzoic acid	10.54	122	25057	31.07	ng	# 76
33) 4-Chloroaniline	11.45	127	85298	23.52	ng	# 89
34) Hexachlorobutadiene	11.62	225	45938	36.82	ng	99
35) Caprolactam	12.21	113	39815m	36.06	ng	
36) 4-Chloro-3-methylphenol	12.53	107	119607	38.72	ng	92
37) 2-Methylnaphthalene	12.92	142	222340	35.55	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	98147	34.82	ng	98
40) Hexachlorocyclopentadiene	13.25	237	121321	91.30	ng	95

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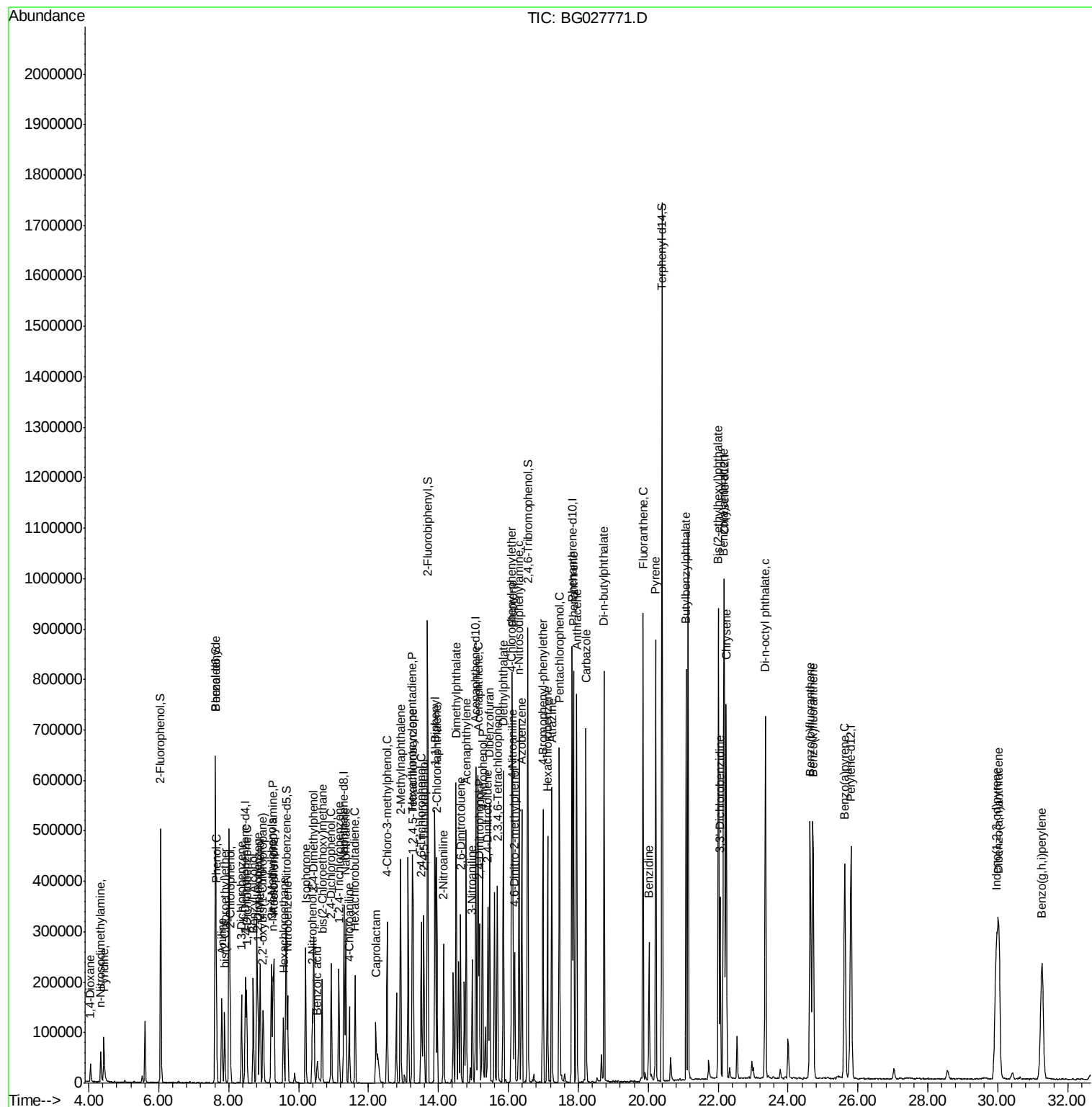
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42) 2,4,6-Trichlorophenol	13.50	196	76013	37.34	nq	97
43) 2,4,5-Trichlorophenol	13.58	196	87413	37.90	nq	94
45) 1,1'-Biphenyl	13.90	154	293883	34.19	nq	96
46) 2-Chloronaphthalene	13.95	162	222398	34.25	nq	97
47) 2-Nitroaniline	14.15	65	92668	35.65	nq	88
48) Acenaphthylene	14.79	152	386723	32.59	nq	97
49) Dimethylphthalate	14.50	163	390891	42.72	nq	97
50) 2,6-Dinitrotoluene	14.63	165	70908	35.65	nq	# 79
51) Acenaphthene	15.13	154	275797	36.26	nq	95
52) 3-Nitroaniline	14.97	138	66443	28.40	nq	# 75
53) 2,4-Dinitrophenol	15.17	184	69844	74.28	nq	90
54) Dibenzofuran	15.46	168	370707	36.86	nq	97
55) 4-Nitrophenol	15.26	139	127837	71.57	nq	# 60
56) 2,4-Dinitrotoluene	15.41	165	102869	37.08	nq	# 90
57) Fluorene	16.11	166	325116	33.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	80433m	40.45	nq	
59) Diethylphthalate	15.86	149	358814	35.42	nq	94
60) 4-Chlorophenyl-phenylether	16.09	204	152382	35.30	nq	97
61) 4-Nitroaniline	16.13	138	85363	35.02	nq	# 65
62) Azobenzene	16.38	77	327573	36.80	nq	94
64) 4,6-Dinitro-2-methylphenol	16.18	198	56824	42.70	nq	82
65) n-Nitrosodiphenylamine	16.31	169	297187	35.21	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	100781	37.14	nq	93
67) Hexachlorobenzene	17.12	284	105571	36.74	nq	91
68) Atrazine	17.24	200	100107	37.57	nq	98
69) Pentachlorophenol	17.46	266	122636	74.02	nq	96
70) Phenanthrene	17.86	178	515625	34.43	nq	93
71) Anthracene	17.95	178	520331	34.40	nq	97
72) Carbazole	18.22	167	466074	31.29	nq	97
73) Di-n-butylphthalate	18.74	149	584896	35.73	nq	# 93
74) Fluoranthene	19.85	202	563216	34.41	nq	93
76) Benzidine	20.02	184	173512	31.63	nq	95
77) Pyrene	20.21	202	572095	33.78	nq	95
79) Butylbenzylphthalate	21.08	149	269217	35.29	nq	# 89
80) Benzo(a)anthracene	22.16	228	556004	34.08	nq	94
81) 3,3'-Dichlorobenzidine	22.05	252	135743	22.92	nq	# 98
82) Chrysene	22.24	228	509672	33.33	nq	95
83) Bis(2-ethylhexyl)phthalate	22.01	149	391272	35.10	nq	# 95
84) Di-n-octyl phthalate	23.35	149	661526	35.92	nq	# 92
85) Indeno(1,2,3-cd)pyrene	29.96	276	628143	35.94	nq	# 97
87) Benzo(b)fluoranthene	24.63	252	551049	32.40	nq	# 94
88) Benzo(k)fluoranthene	24.72	252	536719	31.92	nq	# 94
89) Benzo(a)pyrene	25.63	252	522796	32.75	nq	# 94
90) Dibenzo(a,h)anthracene	30.03	278	533407	32.99	nq	# 95
91) Benzo(g,h,i)perylene	31.26	276	505532	32.53	nq	# 90

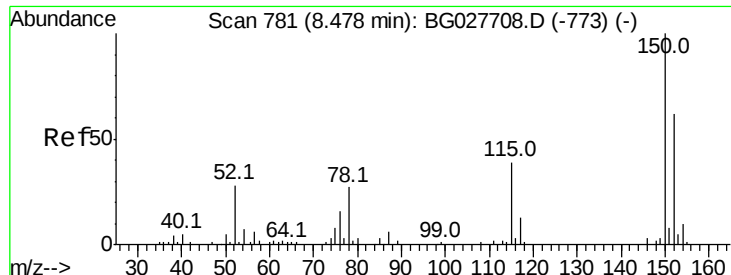
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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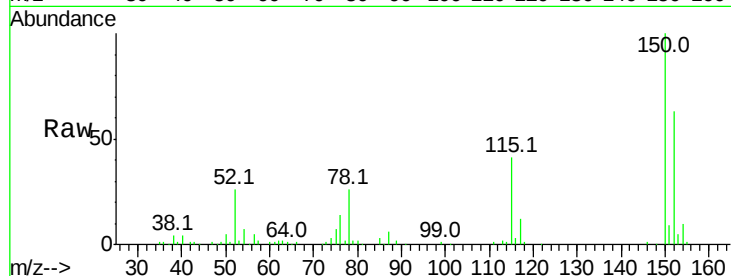


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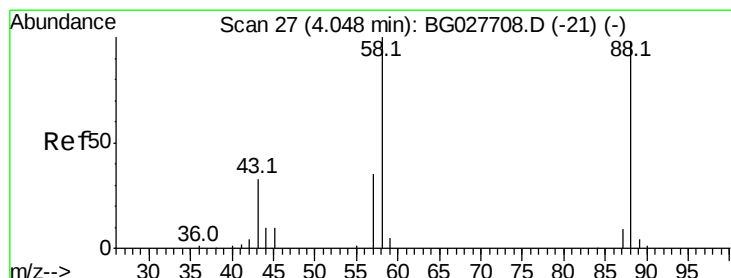
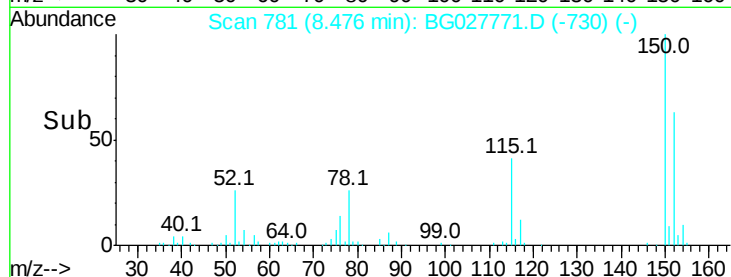
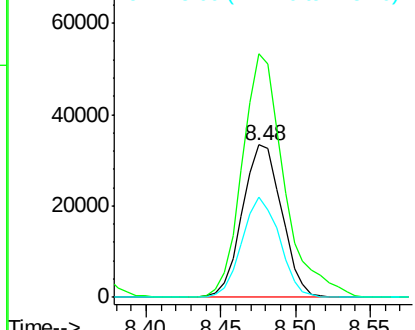
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Tot Ion:152 Resp: 60896
Ion Ratio Lower Upper
152 100
150 159.6 114.0 171.0
115 66.1 48.1 72.1



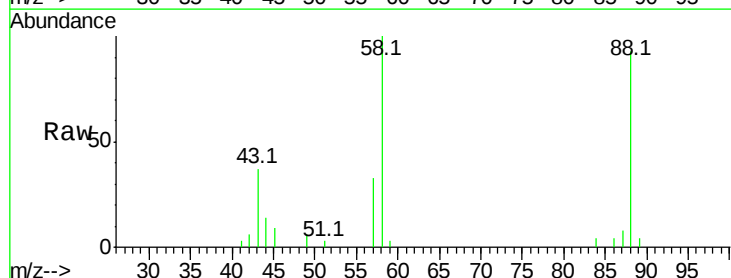
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



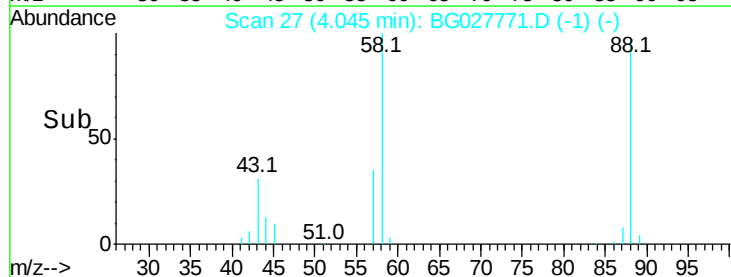
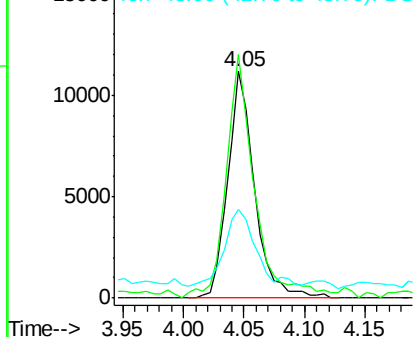
#2

1,4-Dioxane
Concen: 23.47 ng
RT: 4.05 min Scan# 27
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion: 88 Resp: 17275
Ion Ratio Lower Upper
88 100
58 113.8 79.4 119.2
43 39.3 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

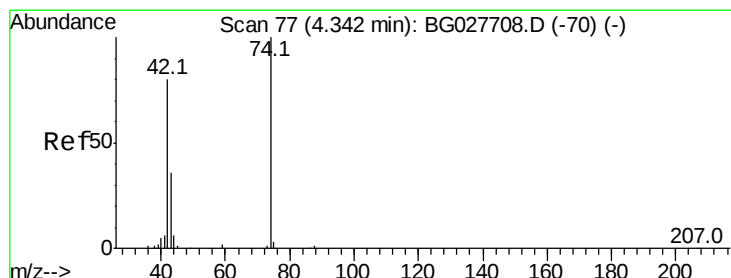
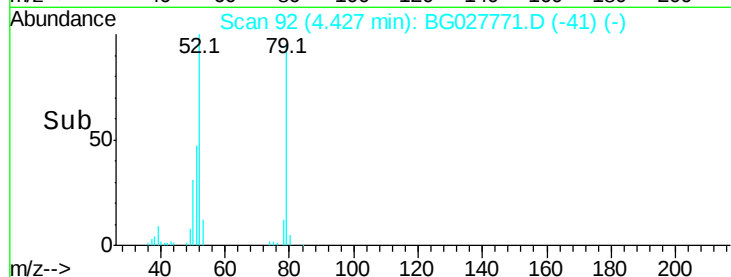
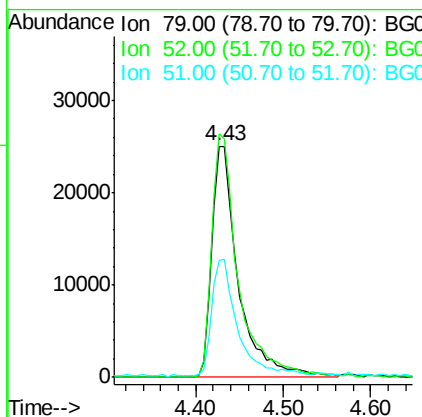
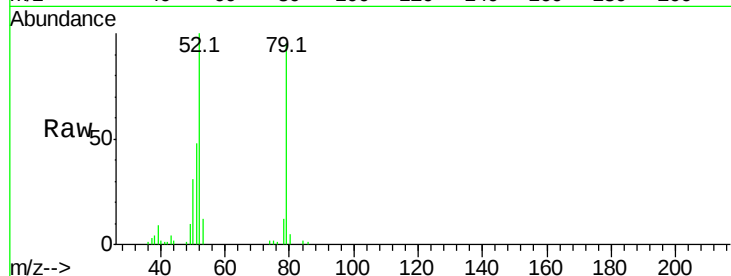




#3
 Pvridine
 Concen: 23.34 ng
 RT: 4.43 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

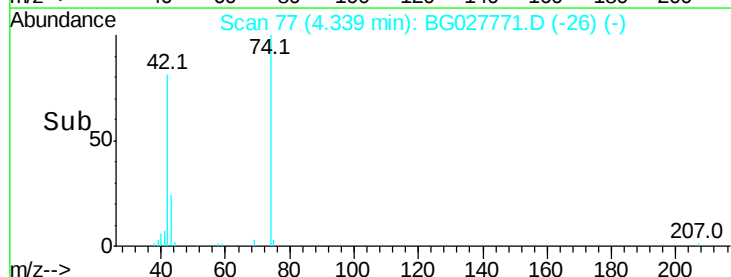
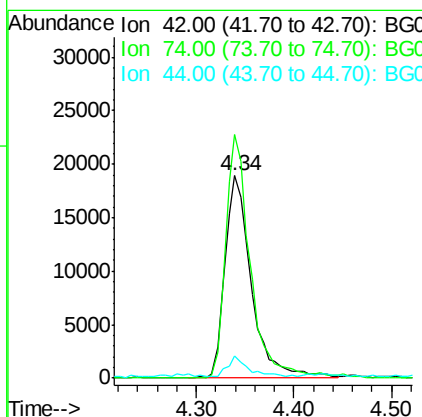
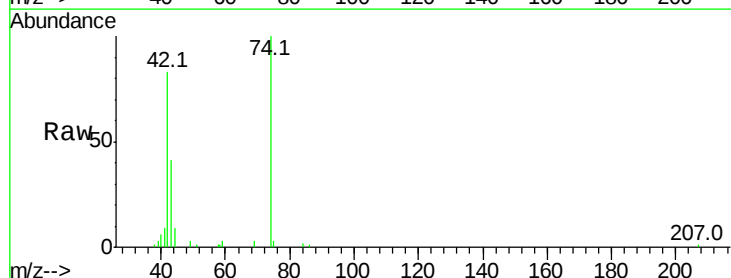
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion: 79 Resp: 52902
 Ion Ratio Lower Upper
 79 100
 52 105.3 77.8 116.6
 51 50.5 43.2 64.8



#4
 n-Nitrosodimethylamine
 Concen: 32.01 ng
 RT: 4.34 min Scan# 77
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion: 42 Resp: 35580
 Ion Ratio Lower Upper
 42 100
 74 120.3 76.7 115.1#
 44 10.7 6.1 9.1#





#5

2-Fluorophenol

Concen: 110.54 ng

RT: 6.05 min Scan# 369

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

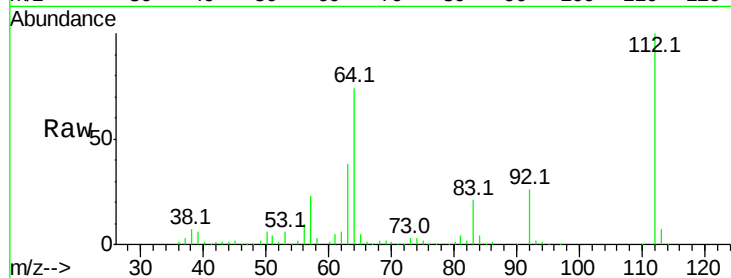
Tot Ion:112 Resp: 218562

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

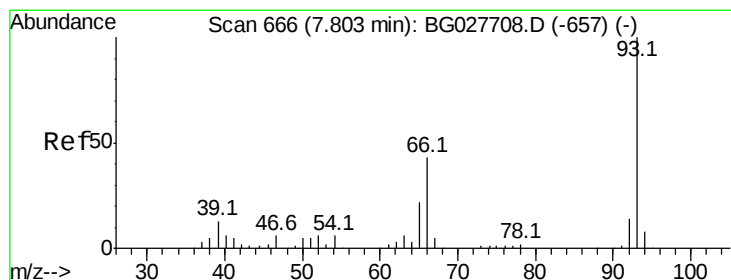
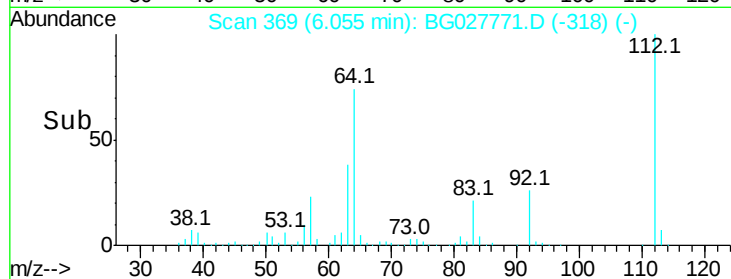
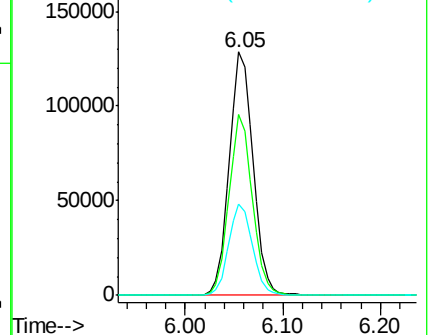
63 37.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.65 ng

RT: 7.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

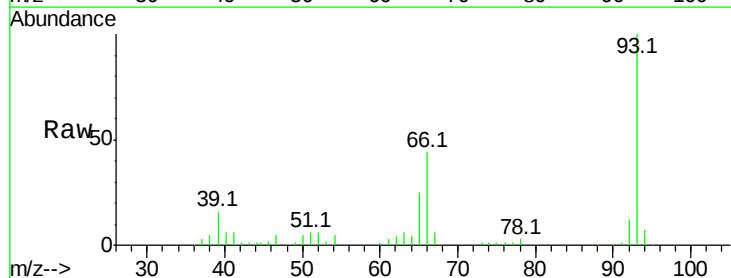
Tgt Ion: 93 Resp: 110831

Ion Ratio Lower Upper

93 100

66 43.8 35.4 53.2

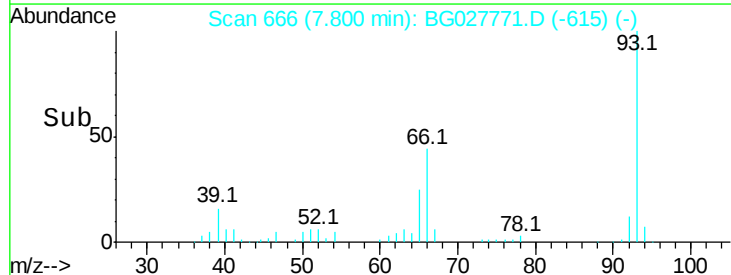
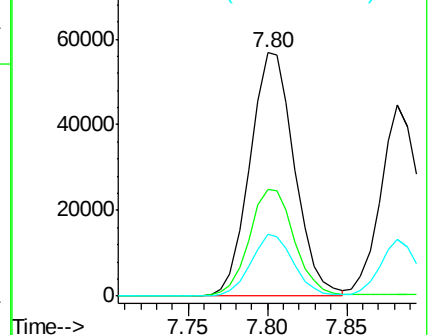
65 25.4 21.2 31.8

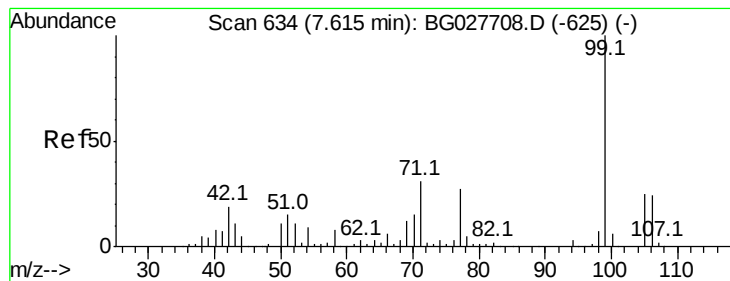


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.25 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027771.D

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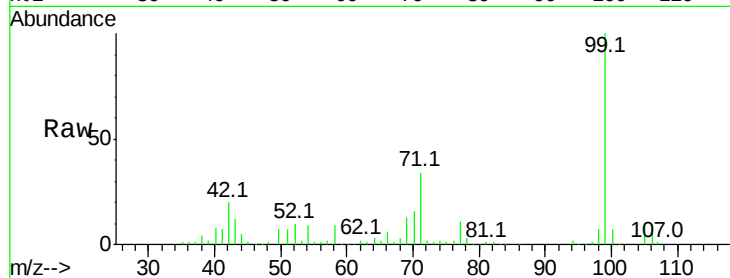
Tot Ion: 99 Resp: 330019

Ion Ratio Lower Upper

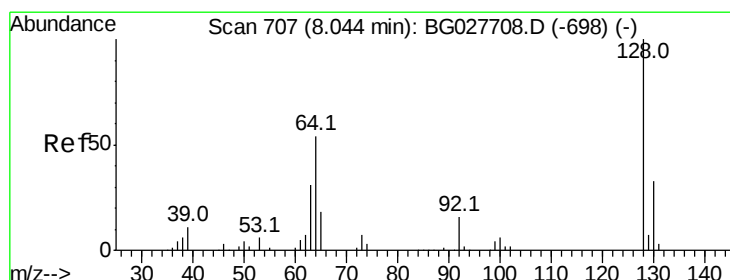
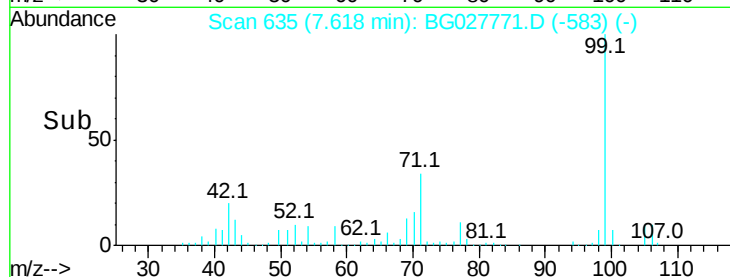
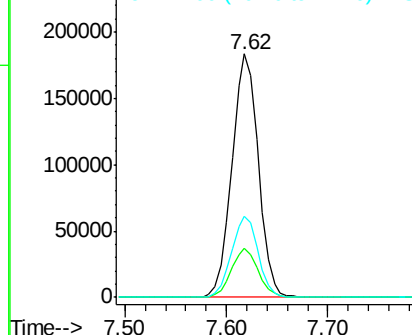
99 100

42 20.2 20.5 30.7#

71 33.5 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: 38.78 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

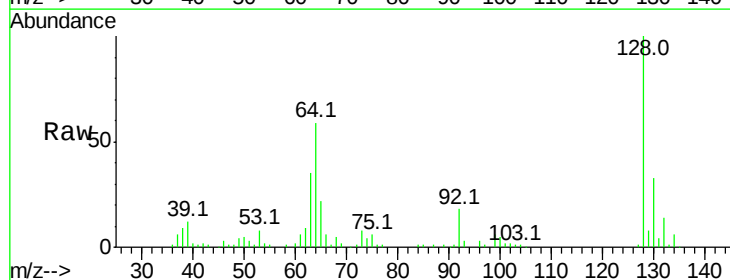
Tgt Ion: 128 Resp: 85681

Ion Ratio Lower Upper

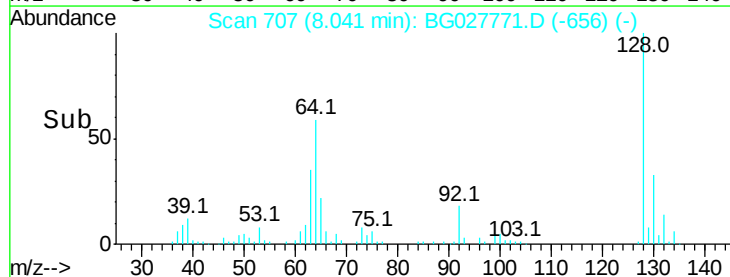
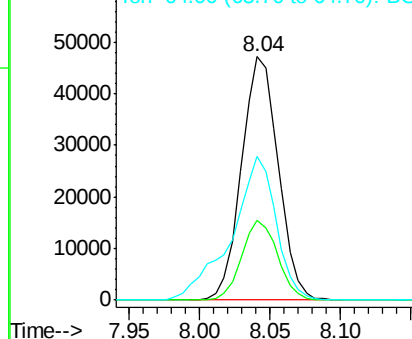
128 100

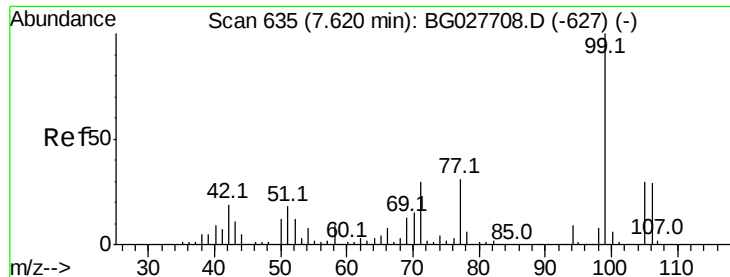
130 32.7 11.4 51.4

64 59.2 46.6 86.6



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





#9

Benzaldehyde

Concen: 21.46 ng

RT: 7.62 min Scan# 636

Delta R.T. 0.00 min

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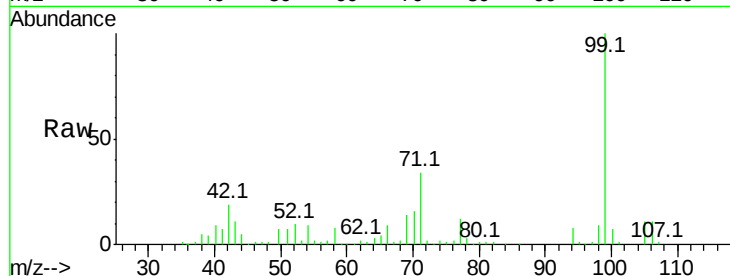
Tot Ion: 77 Resp: 38581

Ion Ratio Lower Upper

77 100

105 89.1 60.9 100.9

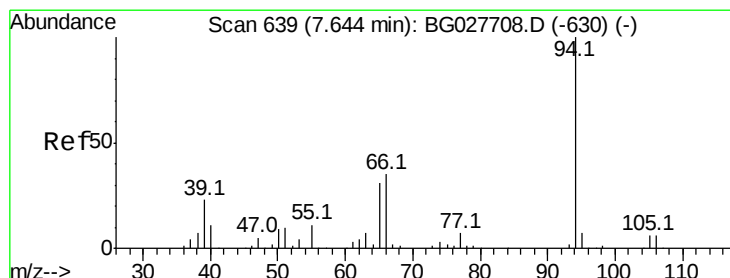
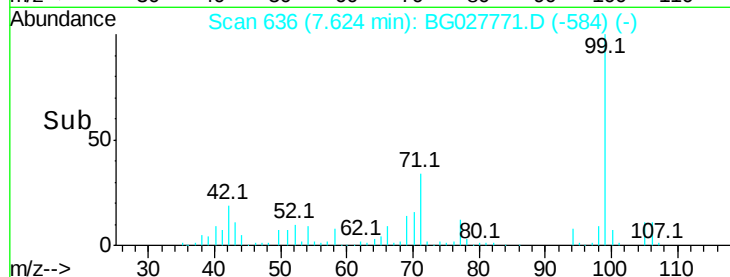
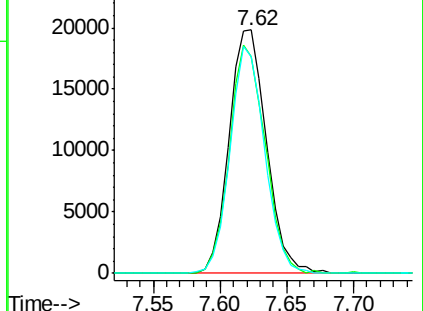
106 89.1 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.17 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

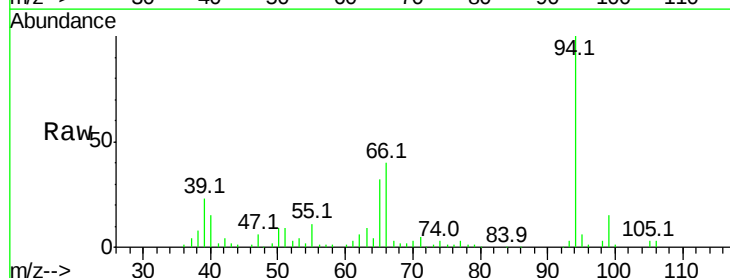
Tgt Ion: 94 Resp: 120037

Ion Ratio Lower Upper

94 100

65 31.6 20.6 60.6

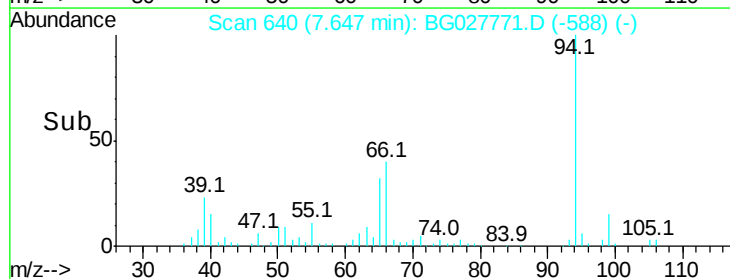
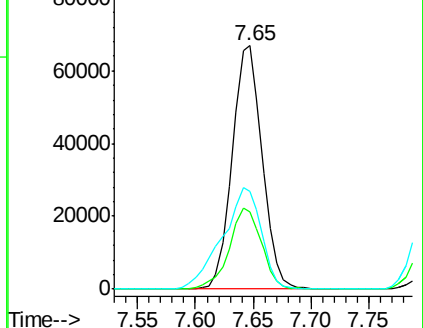
66 40.0 35.5 75.5

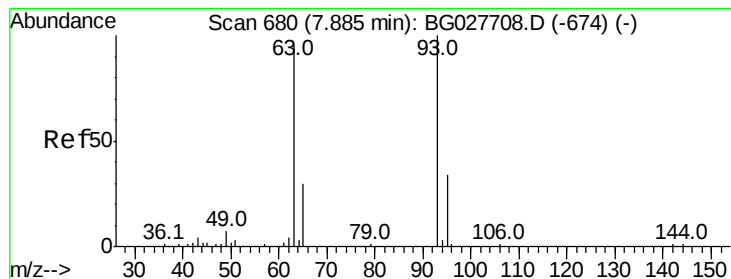


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 32.83 ng

RT: 7.88 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

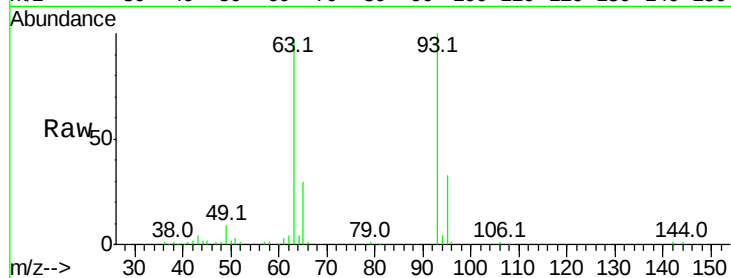
Tot Ion: 93 Resp: 74525

Ion Ratio Lower Upper

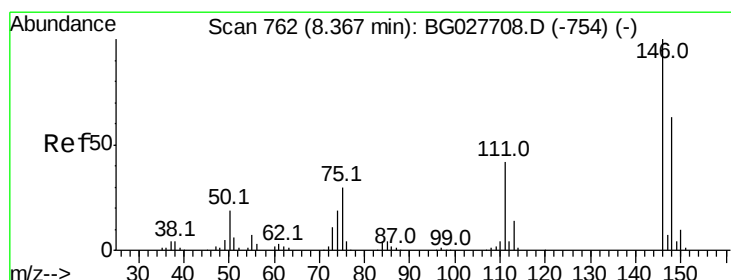
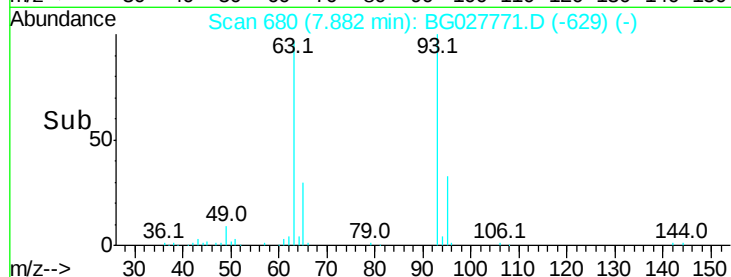
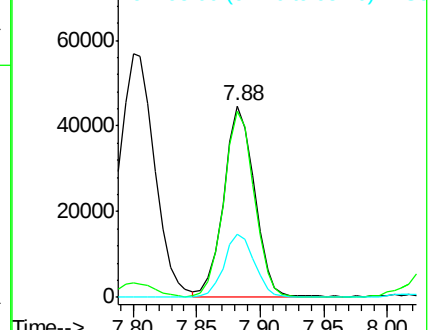
93 100

63 97.4 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: 33.55 ng m

RT: 8.37 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

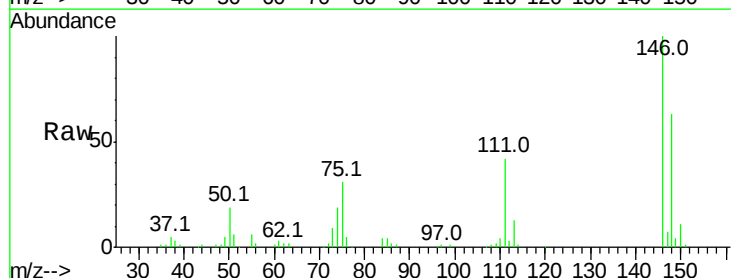
Tgt Ion:146 Resp: 78860

Ion Ratio Lower Upper

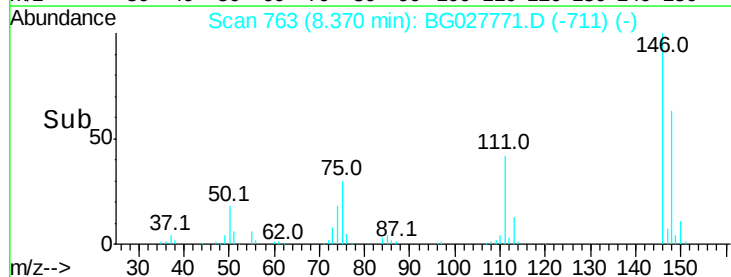
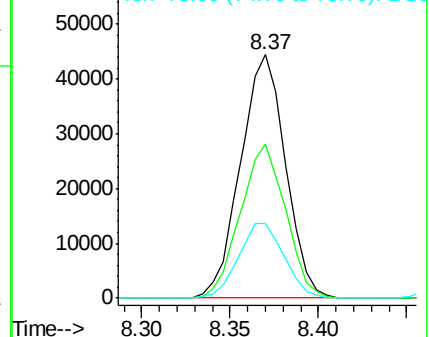
146 100

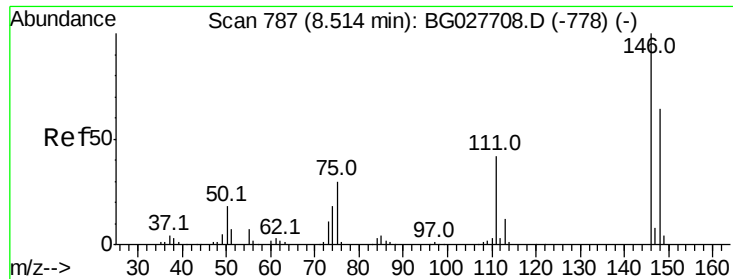
148 63.3 49.2 73.8

75 30.9 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

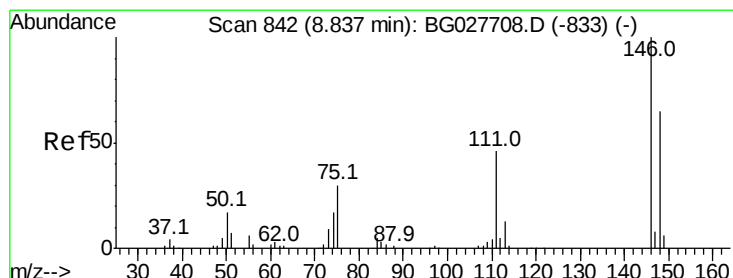
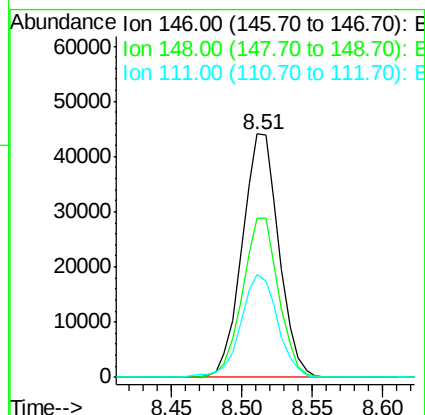
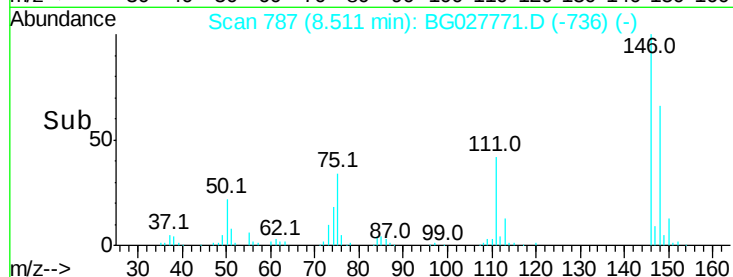
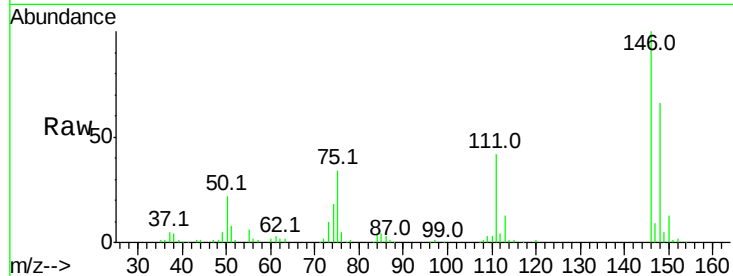




#13
 1,4-Dichlorobenzene
 Concen: 32.82 ng
 RT: 8.51 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

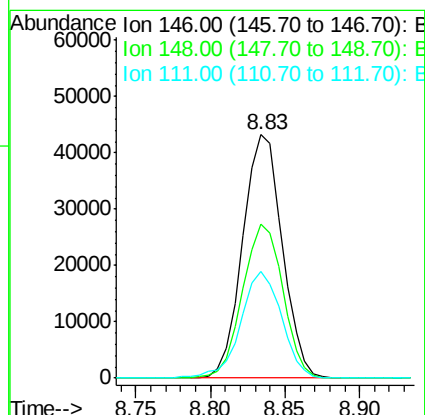
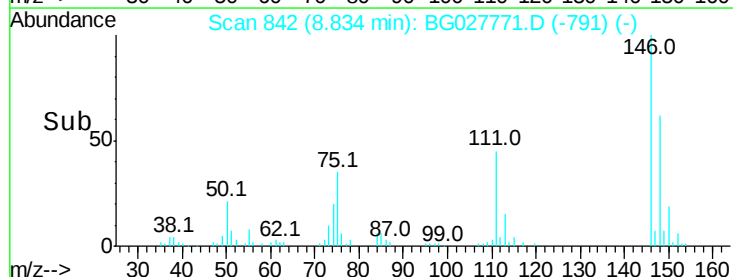
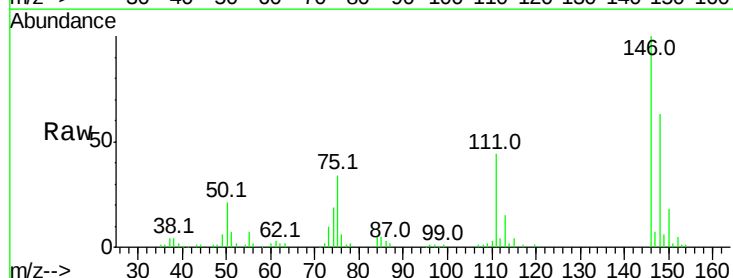
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

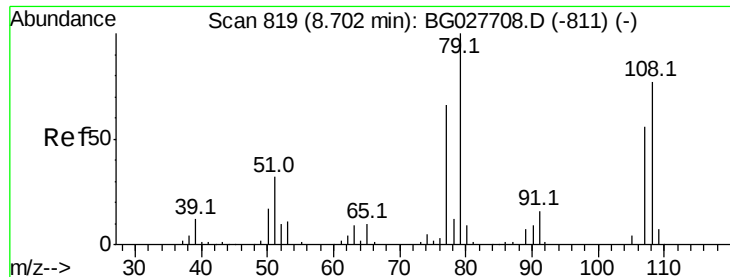
Tot Ion:146 Resp: 79916
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 42.2 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 33.63 ng
 RT: 8.83 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:146 Resp: 79410
 Ion Ratio Lower Upper
 146 100
 148 63.3 54.6 81.8
 111 44.0 39.7 59.5





#15

Benzyl Alcohol

Concen: 36.39 ng

RT: 8.70 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

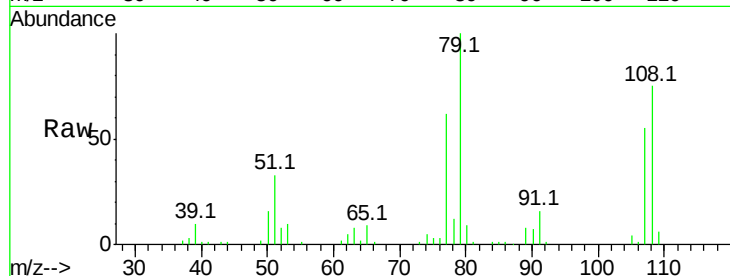
Tot Ion: 79 Resp: 76049

Ion Ratio Lower Upper

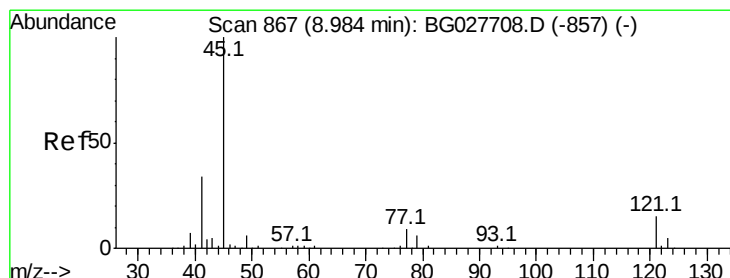
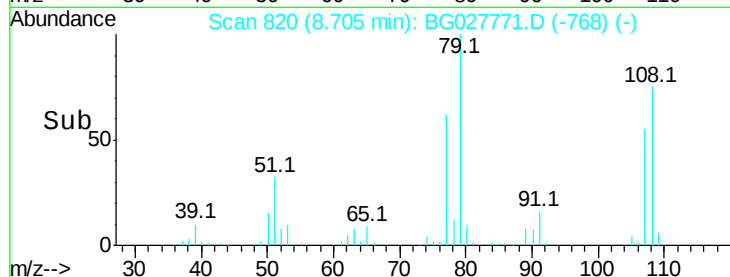
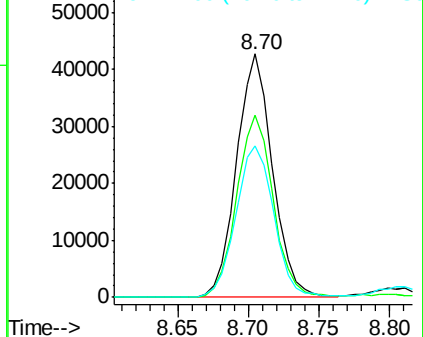
79 100

108 74.7 45.5 68.3#

77 62.1 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: 34.66 ng

RT: 8.98 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

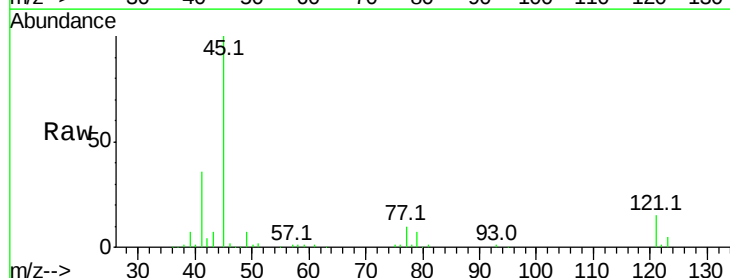
Tgt Ion: 45 Resp: 167831

Ion Ratio Lower Upper

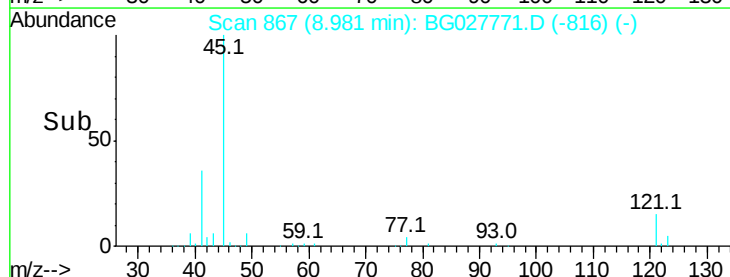
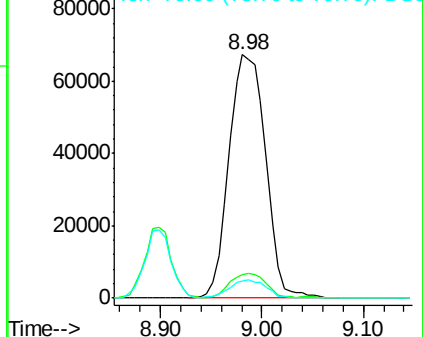
45 100

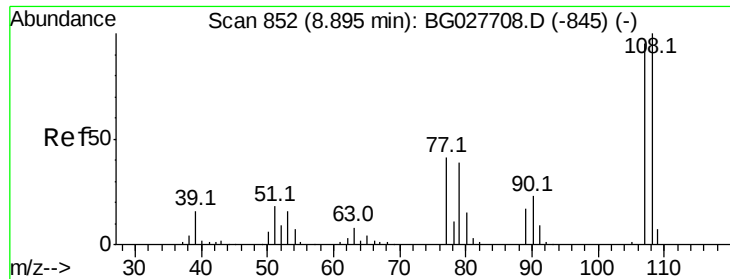
77 9.8 0.0 30.6

79 7.2 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

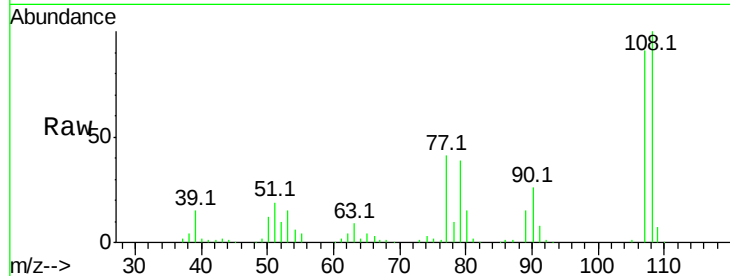




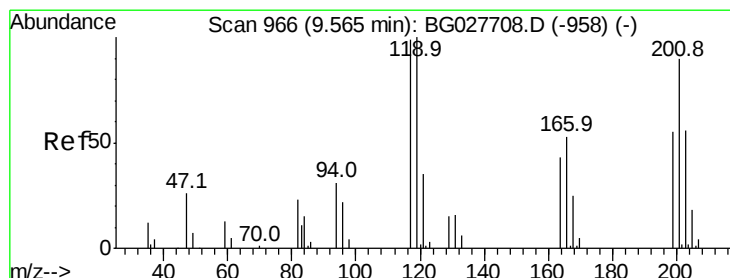
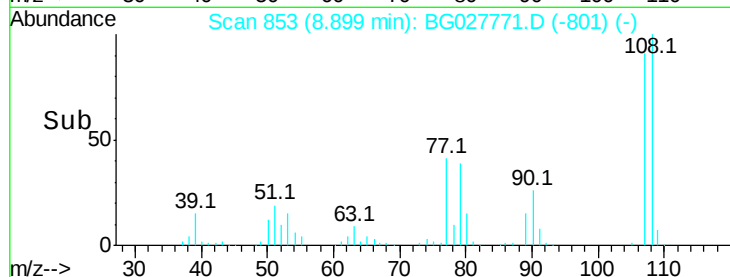
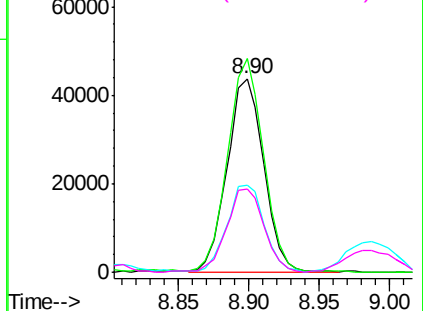
#17
2-Methylphenol
Concen: 37.51 ng
RT: 8.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Tot Ion:107 Resp: 79299
Ion Ratio Lower Upper
107 100
108 110.2 85.6 128.4
77 44.9 51.4 77.2#
79 43.0 49.2 73.8#

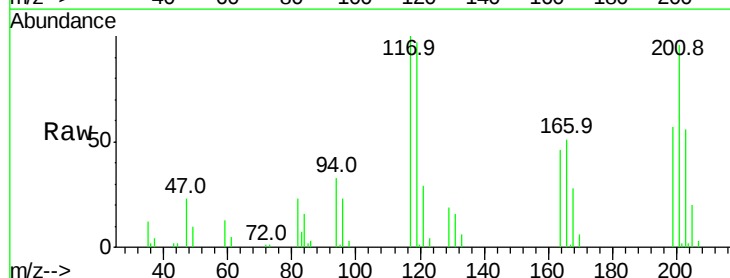


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

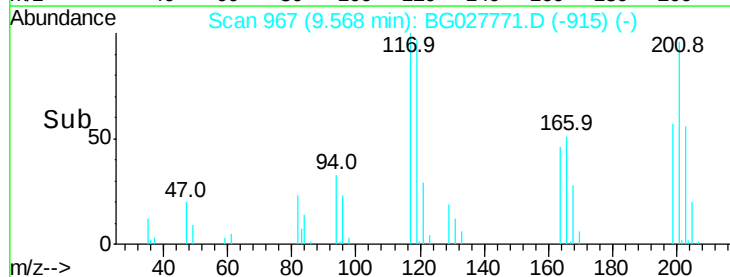
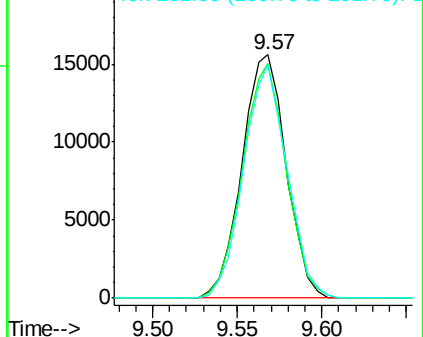


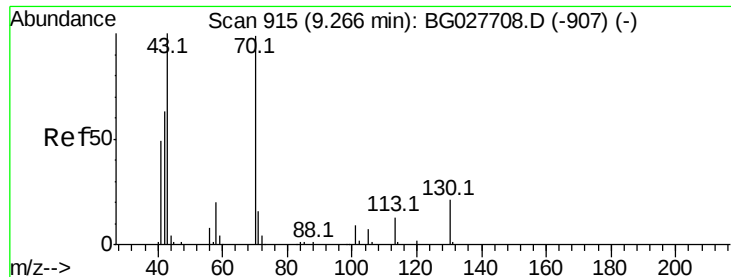
#18
Hexachloroethane
Concen: 33.00 ng
RT: 9.57 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:117 Resp: 28266
Ion Ratio Lower Upper
117 100
119 97.7 69.8 104.6
201 95.6 95.4 143.0



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

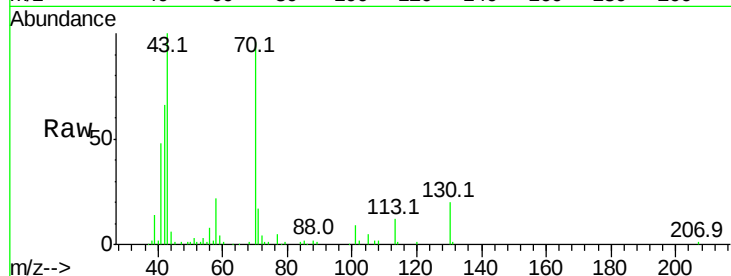




#19
n-Nitroso-di-n-propylamine
Concen: 32.58 ng
RT: 9.26 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Tot Ion:	70	Resp:	71598
Ion	Ratio	Lower	Upper
70	100		
42	68.6	56.1	84.1
101	9.3	7.5	11.3
130	20.7	14.6	21.8



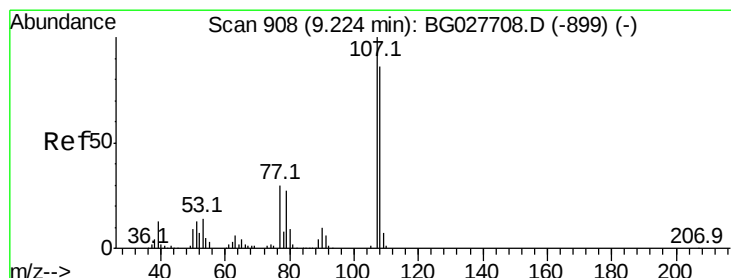
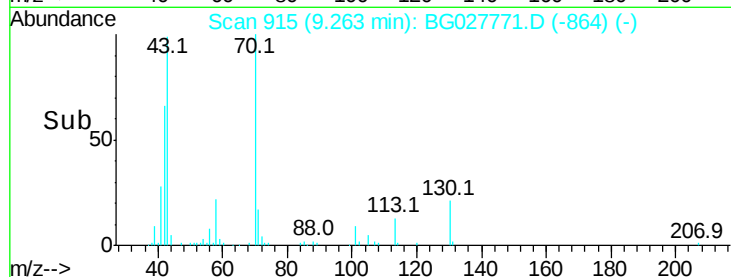
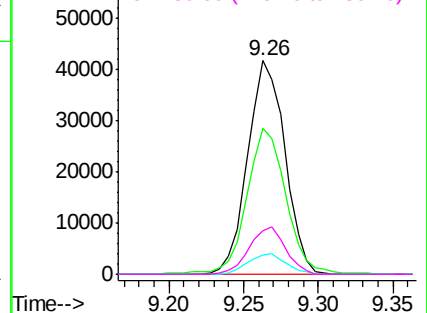
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

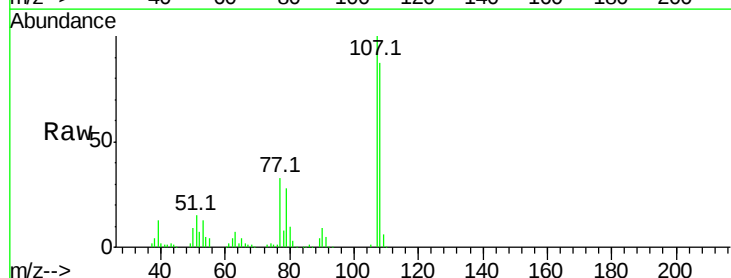
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 36.10 ng
RT: 9.22 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:	107	Resp:	110067
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.8	110.8
77	33.4	25.8	65.8
79	28.2	20.1	60.1



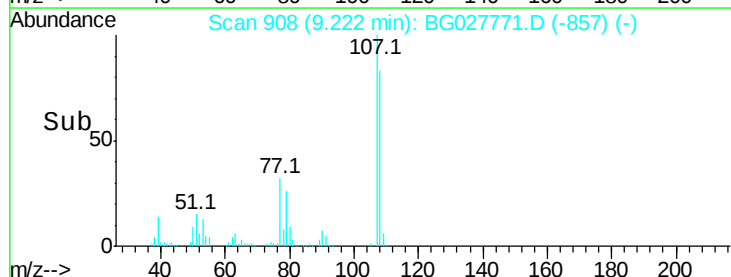
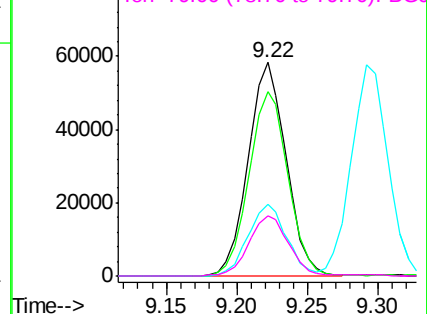
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

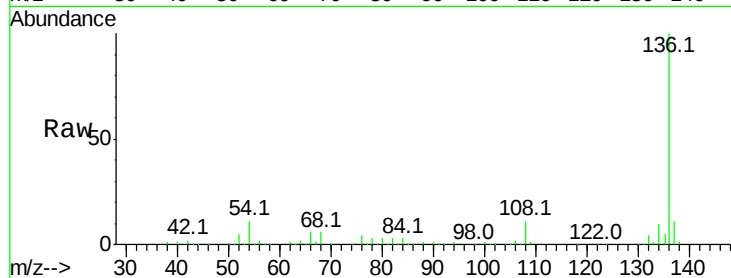




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Tot Ion:	136	Resp:	315756
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	11.3	9.3	13.9
68	6.0	5.1	7.7



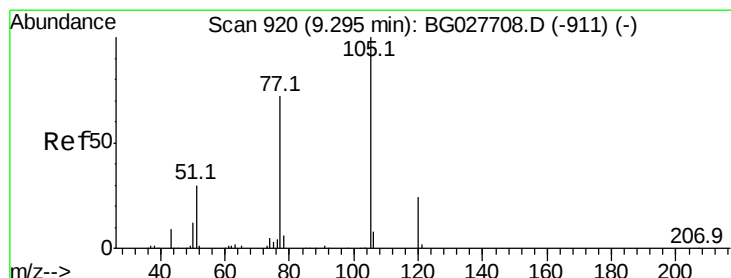
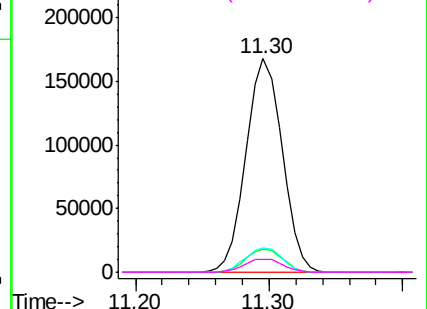
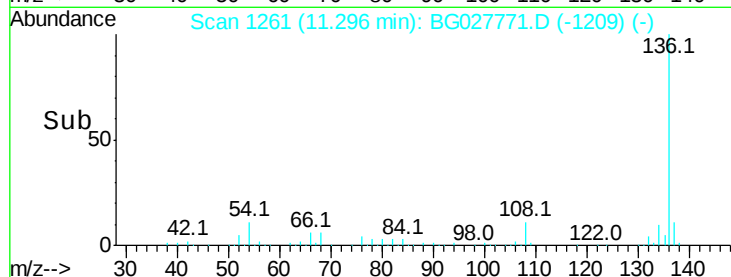
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

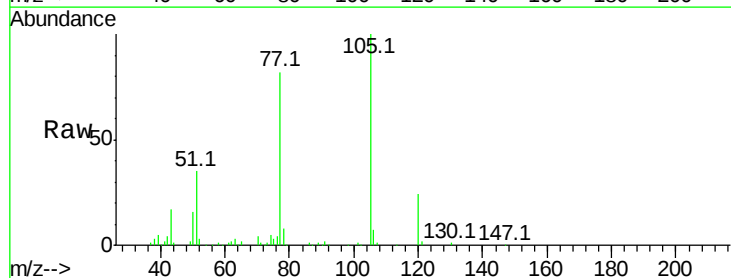
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 34.45 ng
RT: 9.29 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:	105	Resp:	131237
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.9	1.3#
51	35.1	34.0	51.0
120	23.6	17.3	25.9



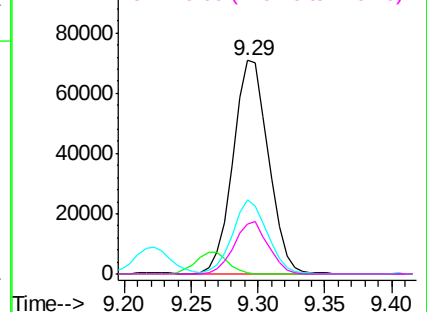
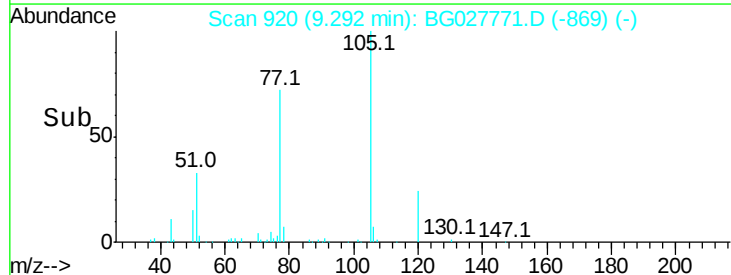
Abundance

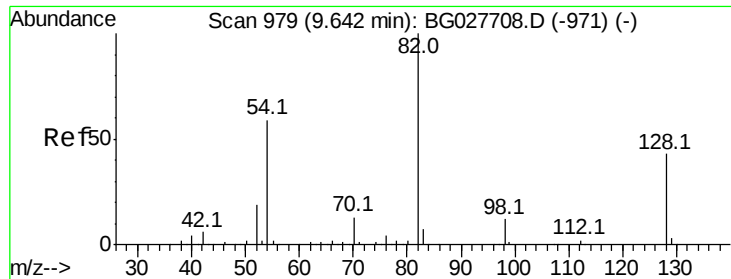
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

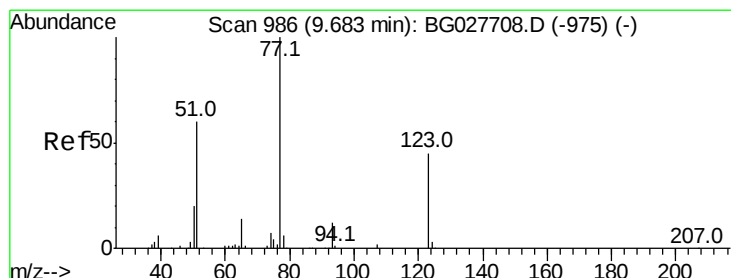
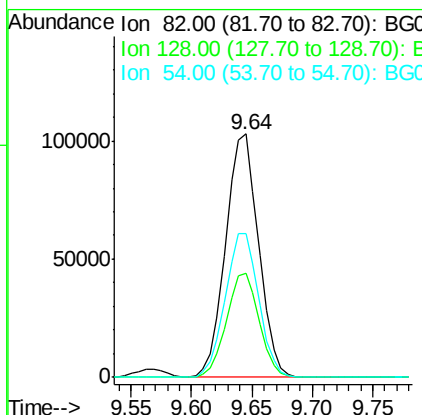
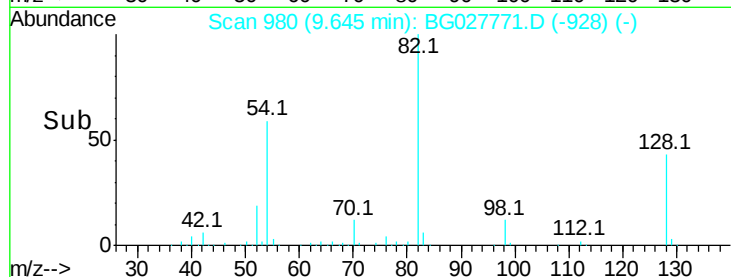
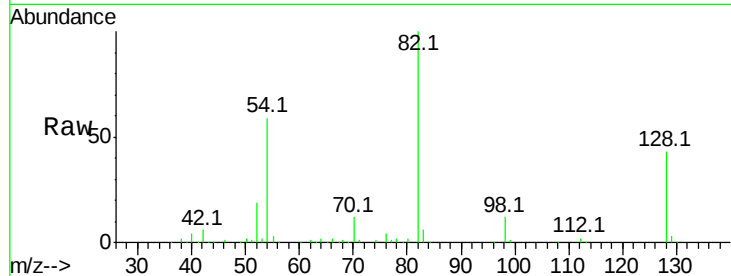




#23
 Nitrobenzene-d5
 Concen: 68.89 ng
 RT: 9.64 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

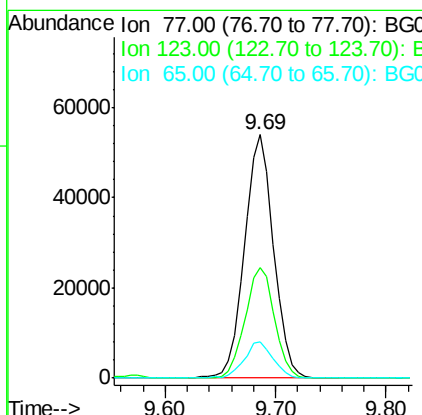
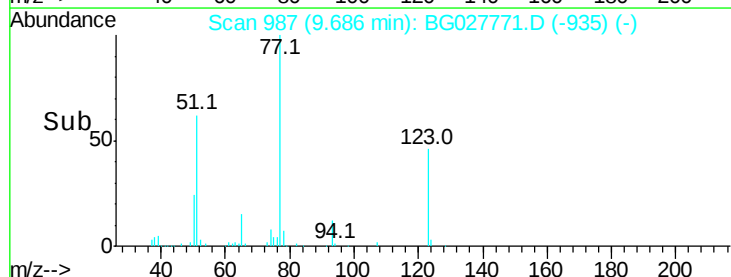
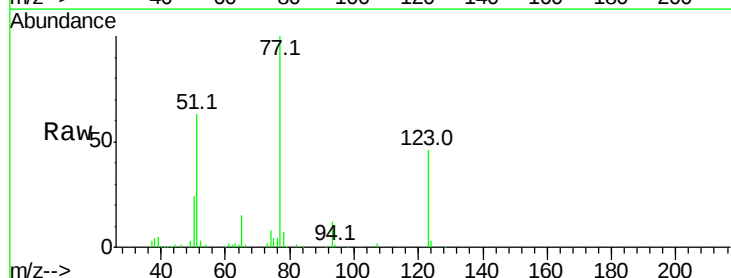
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

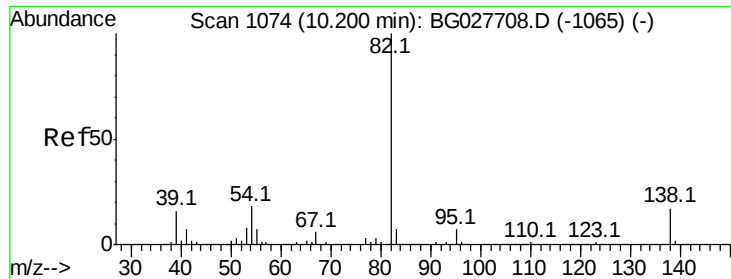
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	26.4	39.6#
54	59.1	49.4	74.2



#24
 Nitrobenzene
 Concen: 33.62 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	26.1	39.1#
65	15.0	12.4	18.6





#25

Isophorone

Concen: 33.61 ng

RT: 10.20 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

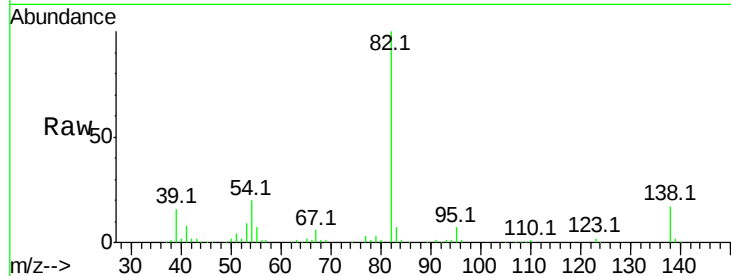
Tot Ion: 82 Resp: 207512

Ion Ratio Lower Upper

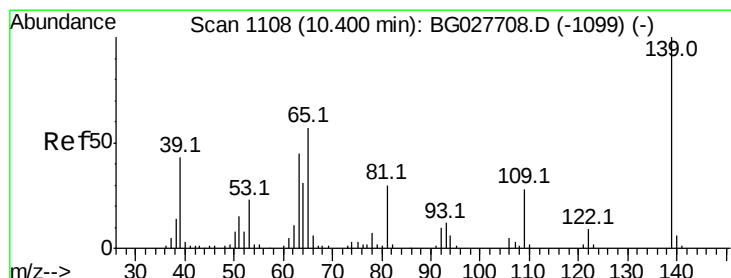
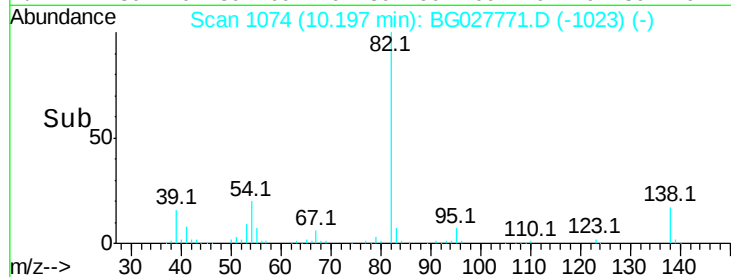
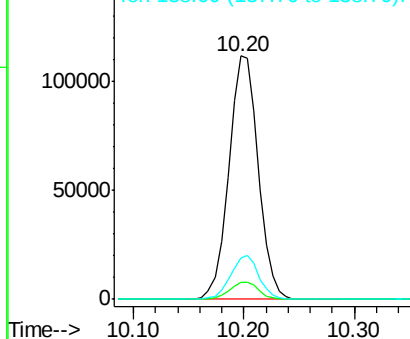
82 100

95 7.2 7.5 11.3#

138 17.1 12.3 18.5



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



#26

2-Nitrophenol

Concen: 37.27 ng

RT: 10.40 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

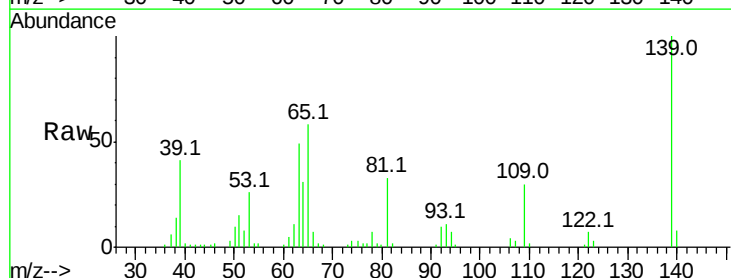
Tgt Ion:139 Resp: 49849

Ion Ratio Lower Upper

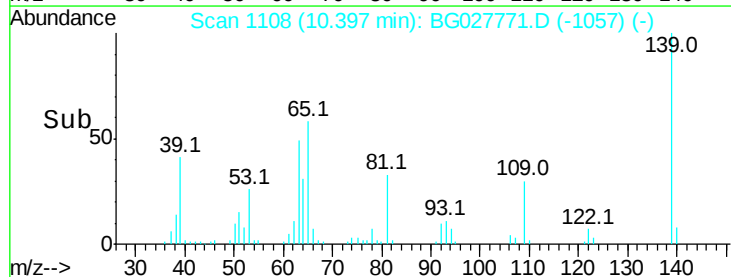
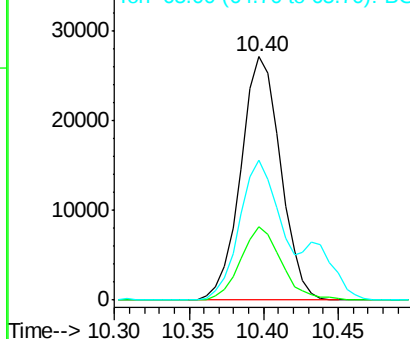
139 100

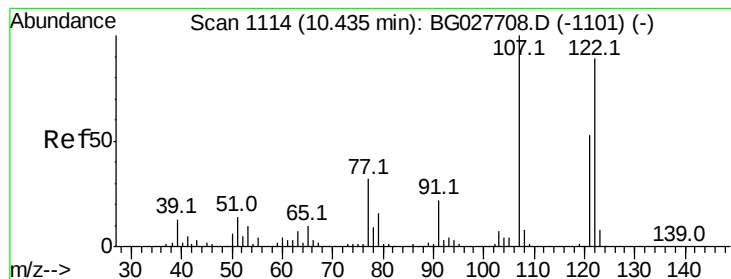
109 30.3 38.6 58.0#

65 57.6 57.1 85.7



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





#27

2,4-Dimethylphenol

Concen: 37.95 ng

RT: 10.44 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

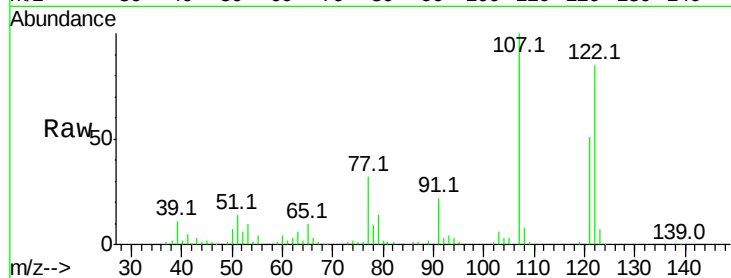
Tot Ion:122 Resp: 95068

Ion Ratio Lower Upper

122 100

107 117.5 104.2 156.4

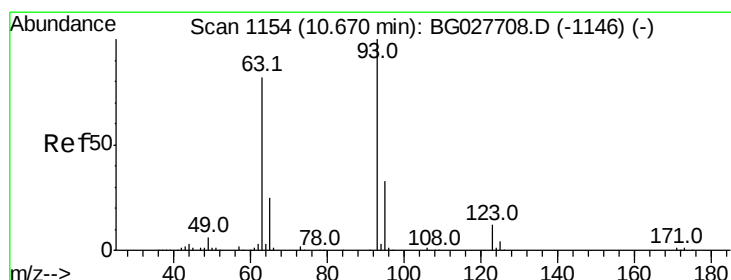
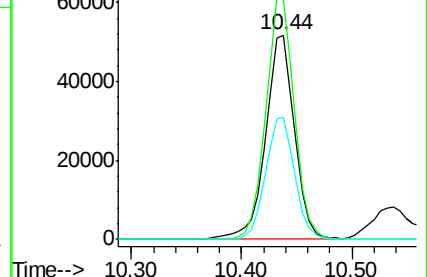
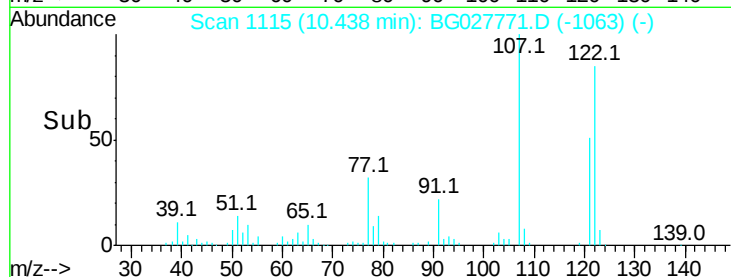
121 59.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.39 ng

RT: 10.67 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

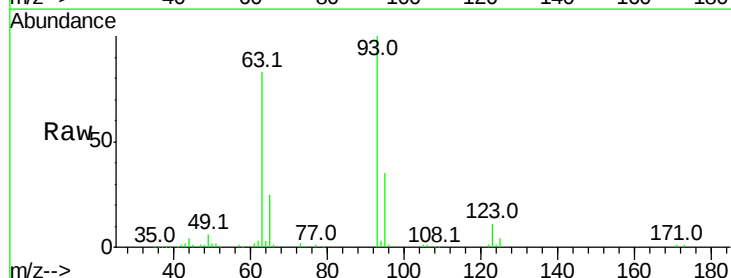
Tgt Ion: 93 Resp: 113359

Ion Ratio Lower Upper

93 100

95 34.7 25.7 38.5

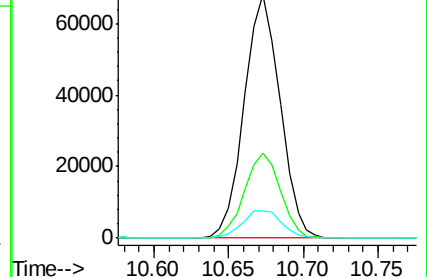
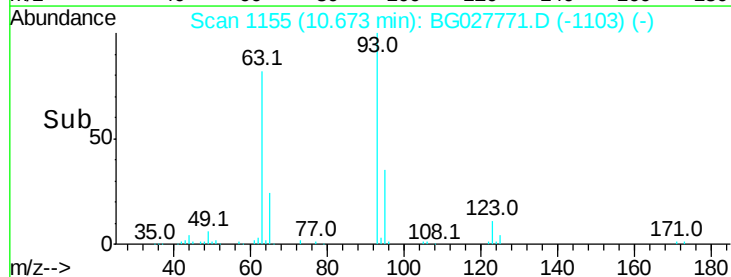
123 11.4 8.3 12.5

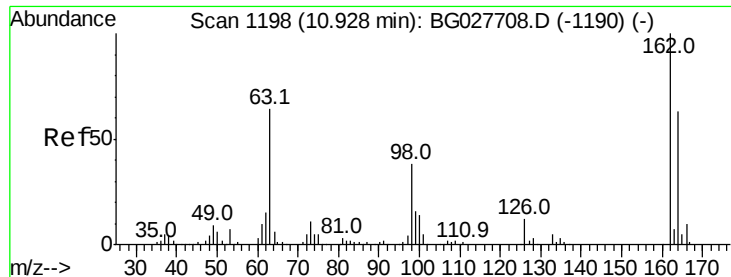


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

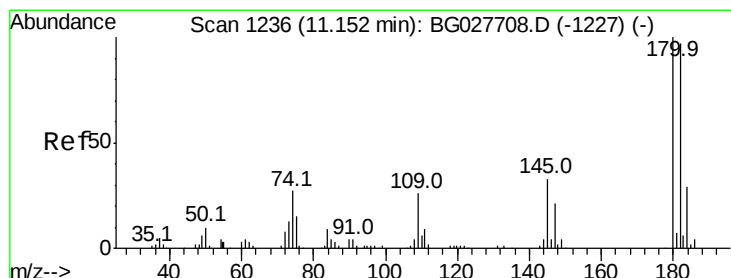
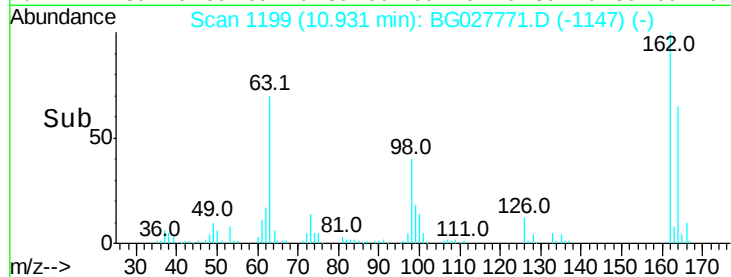
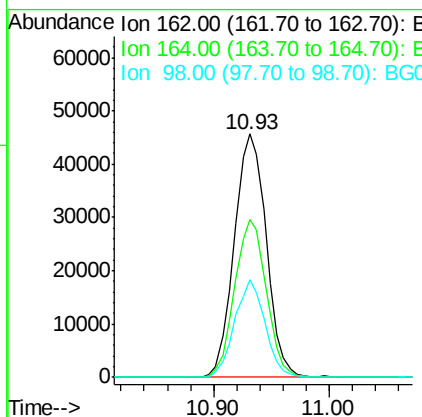
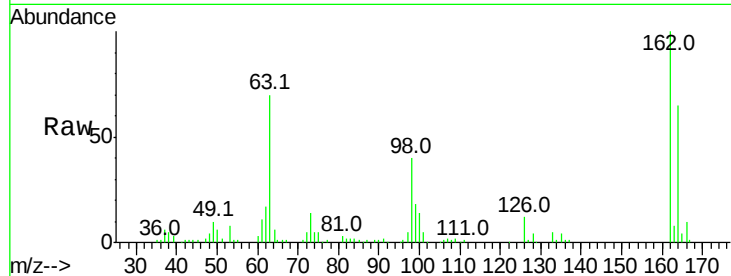




#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

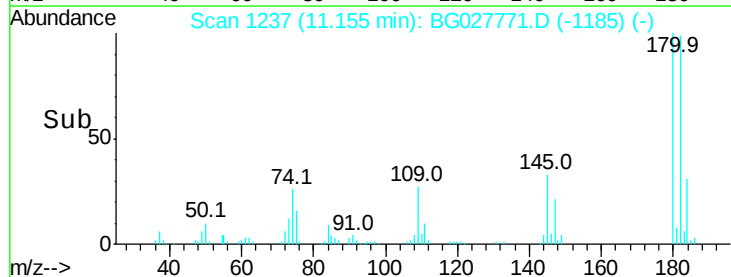
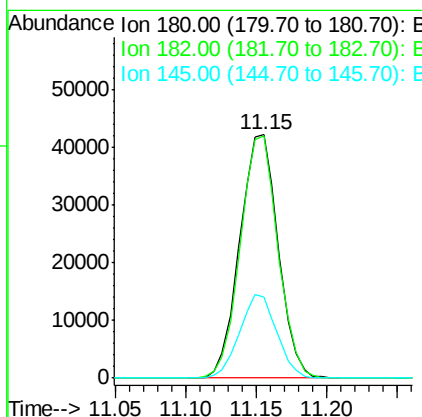
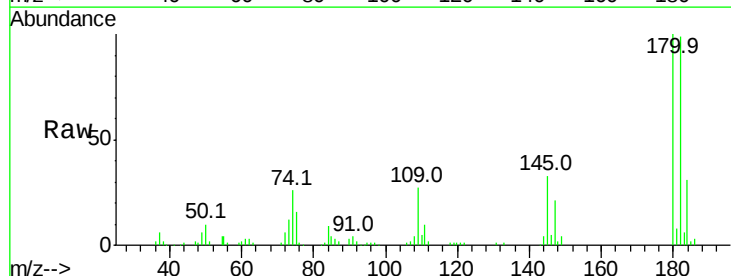
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion:162 Resp: 87676
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.4 82.4
 98 40.0 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 35.87 ng
 RT: 11.15 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:180 Resp: 80317
 Ion Ratio Lower Upper
 180 100
 182 99.3 77.0 115.4
 145 33.3 23.4 35.0

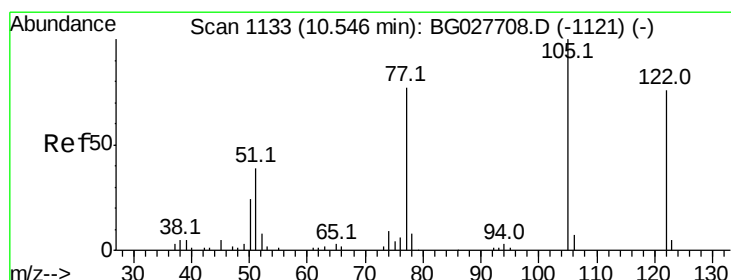
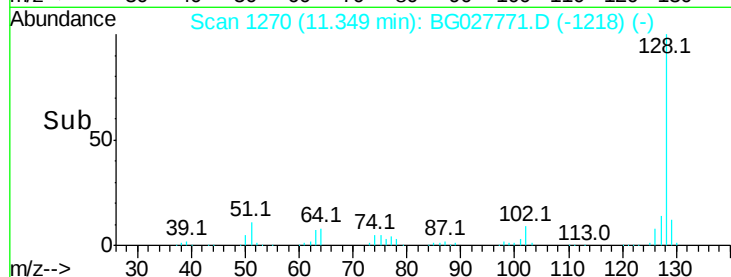
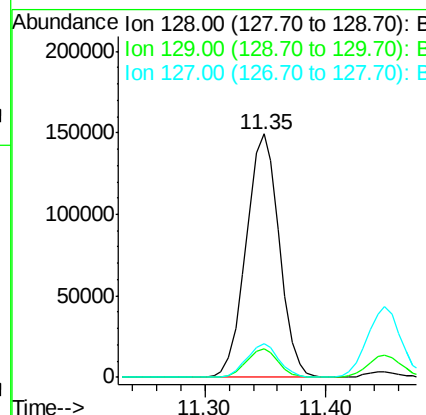
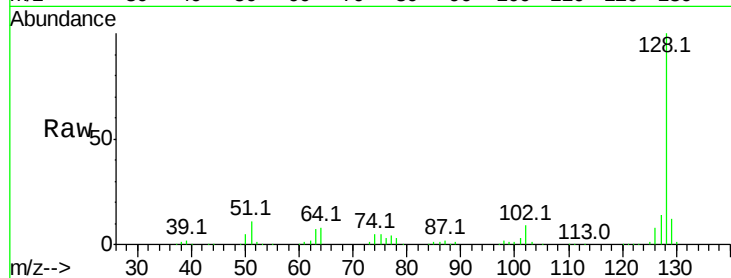




#31
Naphthalene
Concen: 33.92 ng
RT: 11.35 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

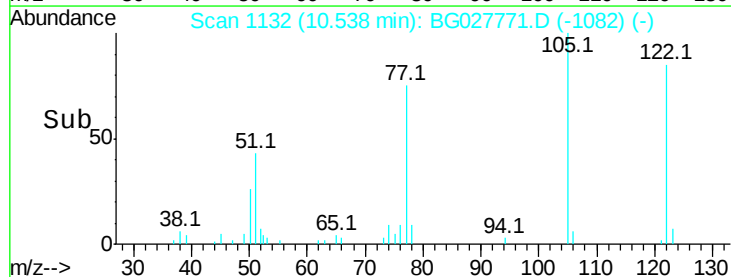
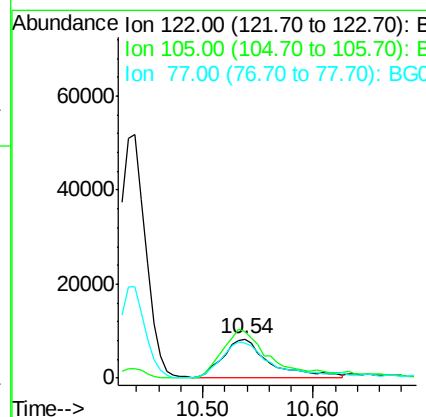
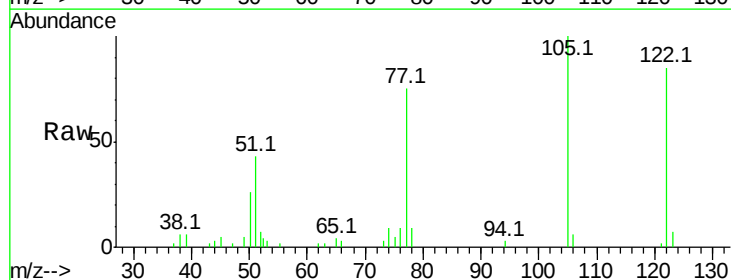
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

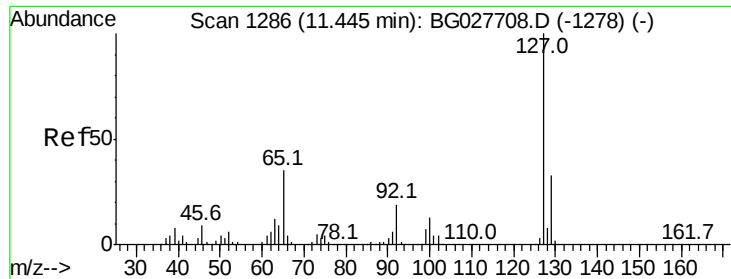
Tot Ion:128 Resp: 284787
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 31.07 ng
RT: 10.54 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:122 Resp: 25057
Ion Ratio Lower Upper
122 100
105 118.1 120.1 160.1#
77 88.9 104.6 144.6#

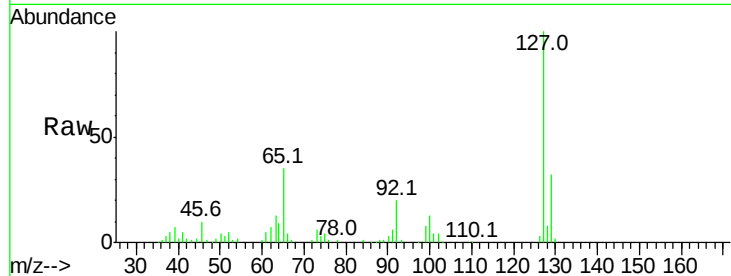




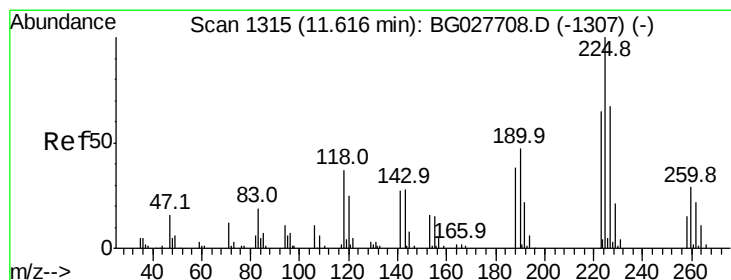
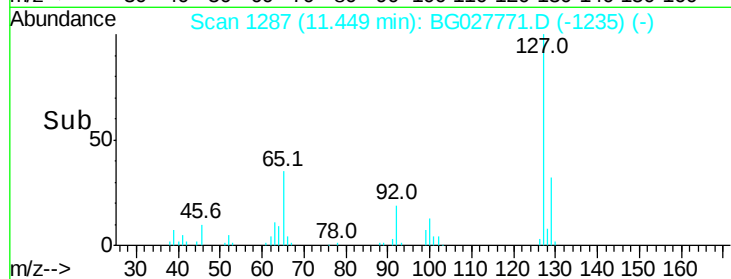
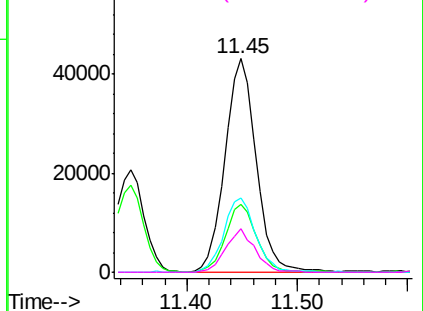
#33
4-Chloroaniline
Concen: 23.52 ng
RT: 11.45 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Tot Ion:	127	Resp:	85298
Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.6	35.4
65	35.1	37.7	56.5#
92	20.1	17.6	26.4

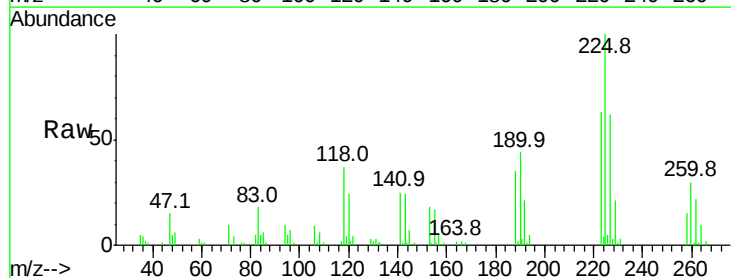


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

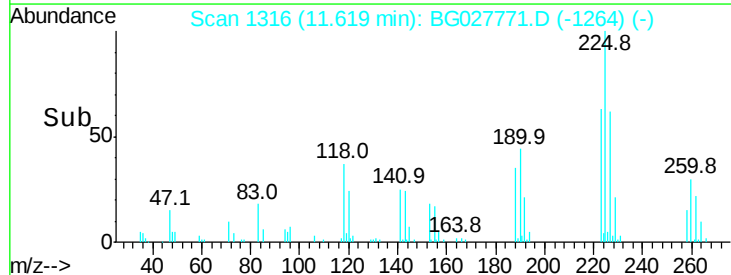
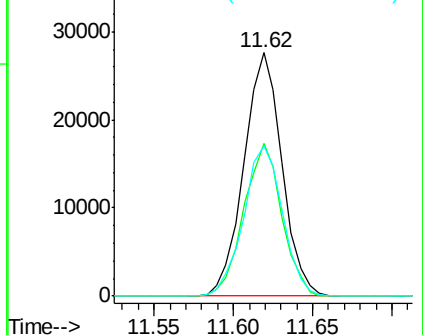


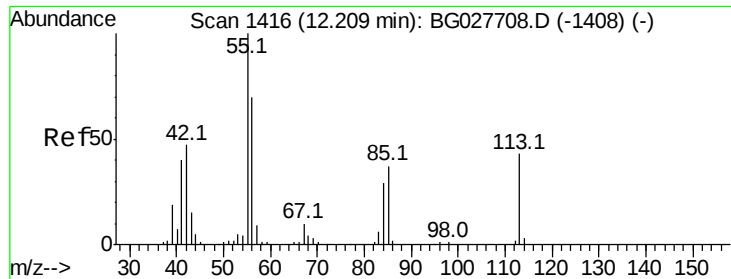
#34
Hexachlorobutadiene
Concen: 36.82 ng
RT: 11.62 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:	225	Resp:	45938
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	61.6	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: 36.06 ng/mL

RT: 12.21 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

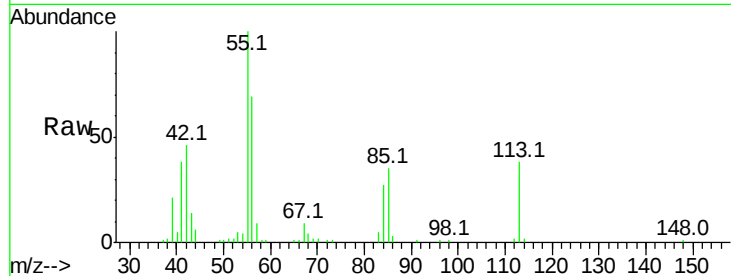
Tot Ion:113 Resp: 39815

Ion Ratio Lower Upper

113 100

55 261.9 198.6 238.6#

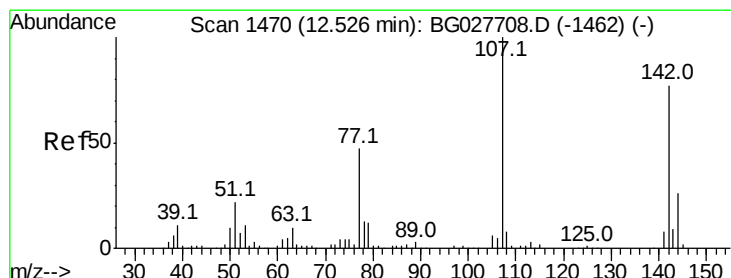
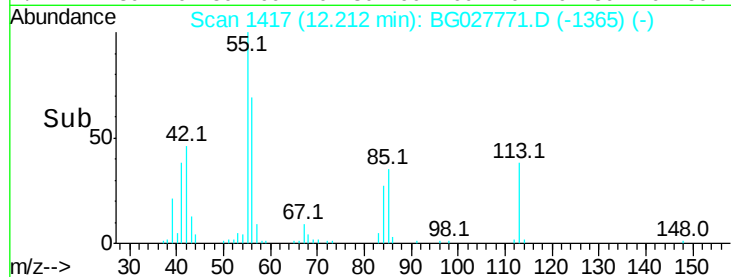
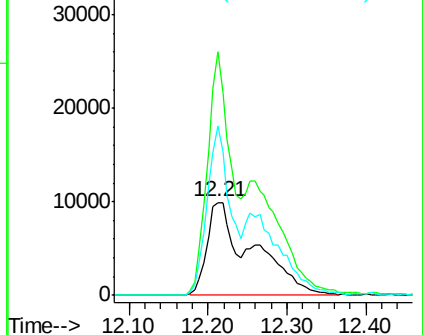
56 181.6 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.72 ng/mL

RT: 12.53 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

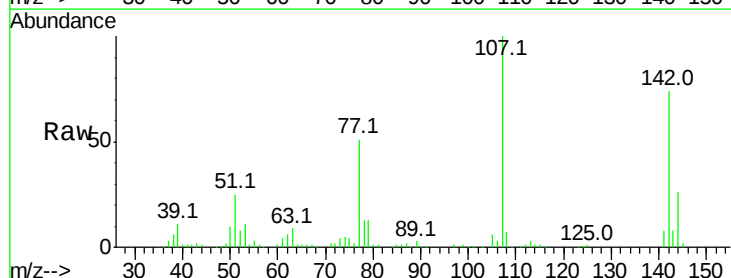
Tgt Ion:107 Resp: 119607

Ion Ratio Lower Upper

107 100

144 25.6 17.4 26.0

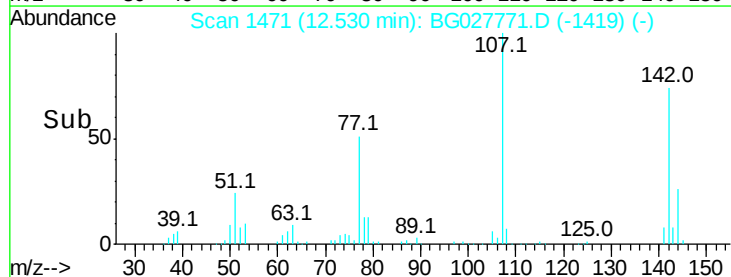
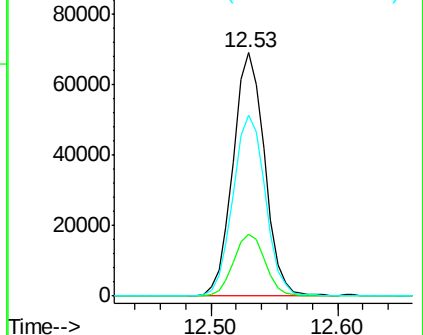
142 74.4 54.1 81.1

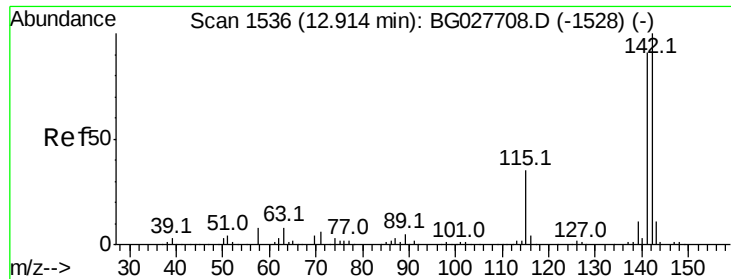


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

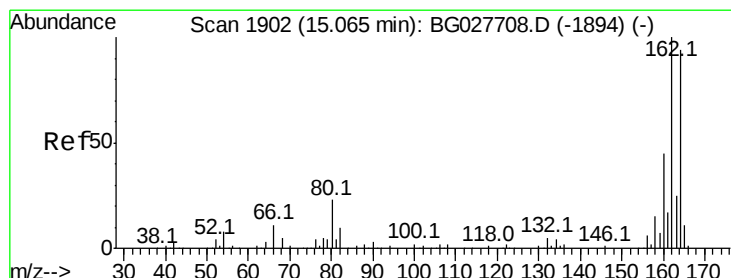
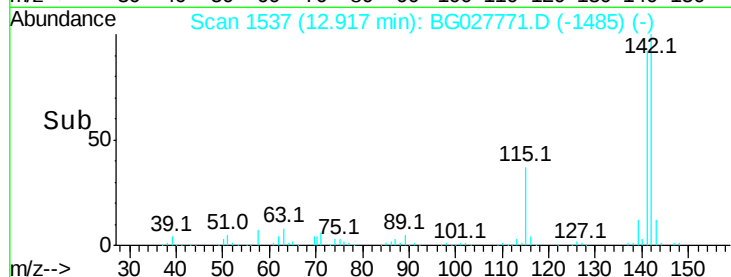
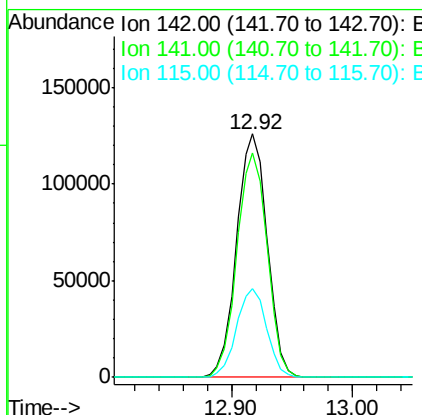
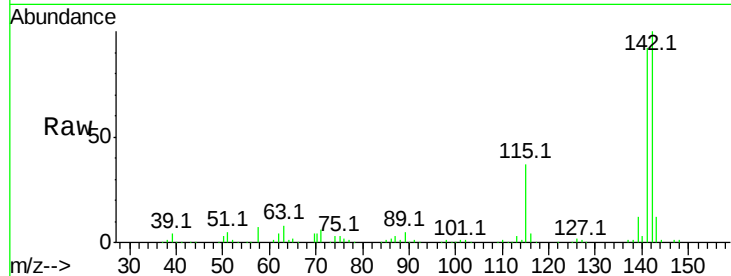




#37
 2-Methylnaphthalene
 Concen: 35.55 ng
 RT: 12.92 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

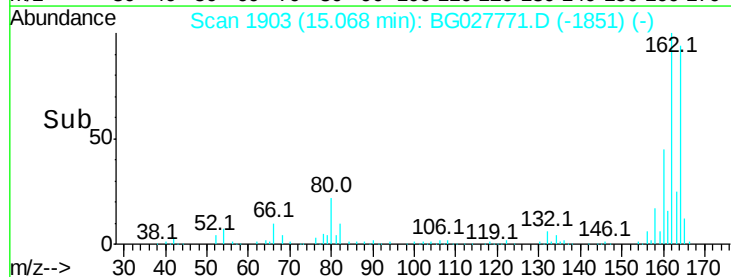
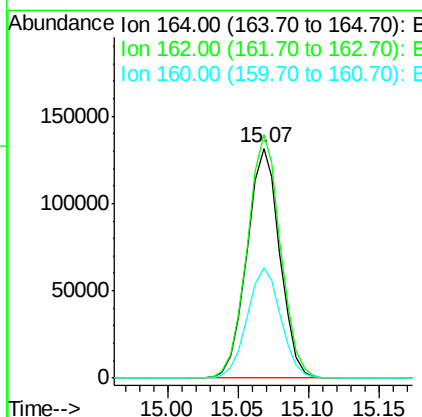
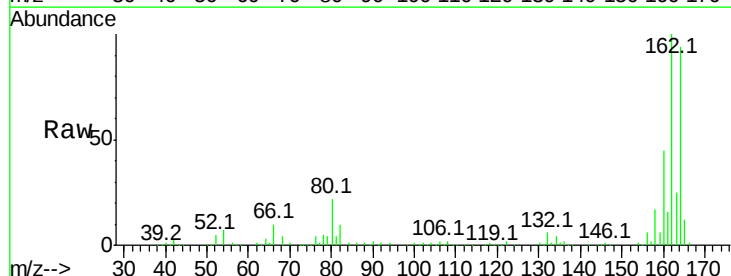
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

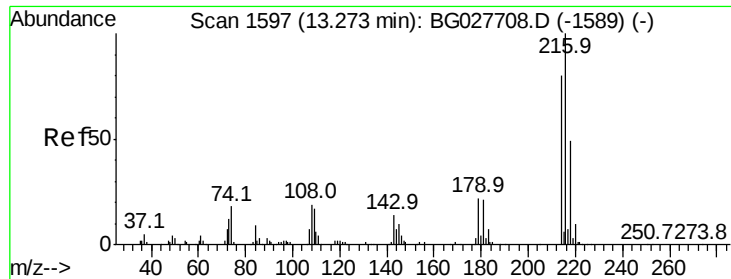
Tot Ion:142 Resp: 222340
 Ion Ratio Lower Upper
 142 100
 141 92.2 70.4 105.6
 115 36.6 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:164 Resp: 214505
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.1 127.7
 160 48.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.82 ng

RT: 13.28 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

Tot Ion:216 Resp: 98147

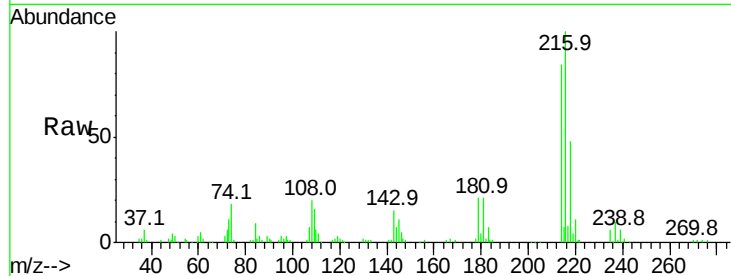
Ion Ratio Lower Upper

216 100

214 81.4 64.4 96.6

179 22.7 17.4 26.0

108 23.1 15.6 23.4

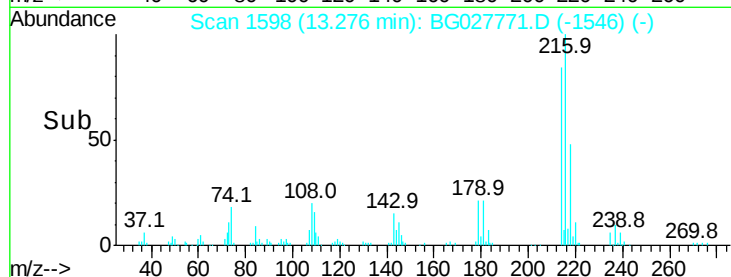


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



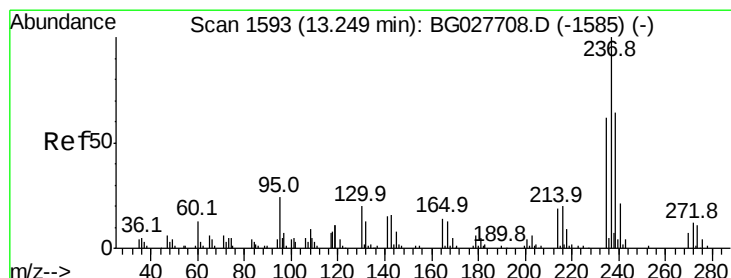
Abundance Ion 216.00 (215.70 to 216.70): E

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

Time-->



#40

Hexachlorocyclopentadiene

Concen: 91.30 ng

RT: 13.25 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

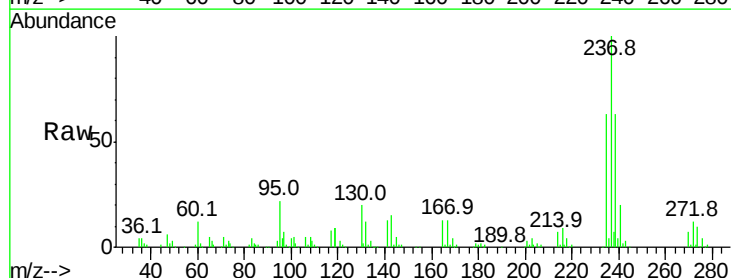
Tgt Ion:237 Resp: 121321

Ion Ratio Lower Upper

237 100

235 63.5 39.4 79.4

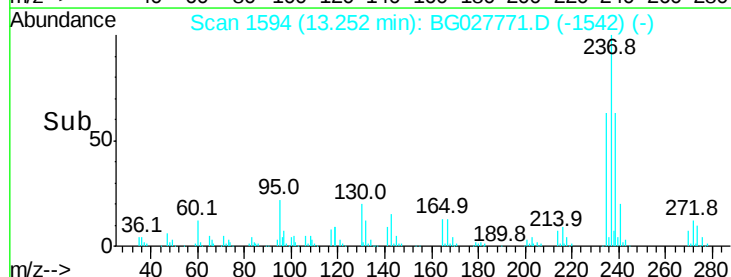
272 12.2 0.0 32.0



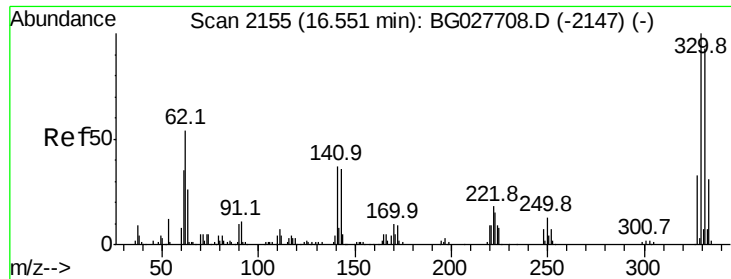
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



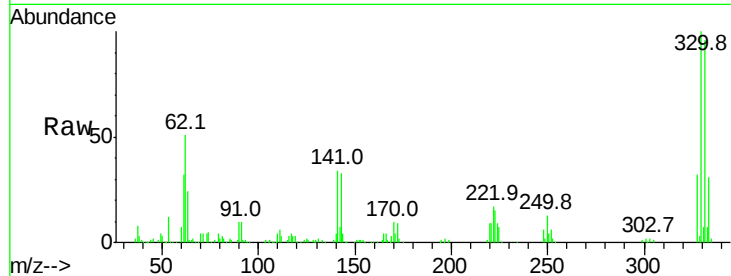
Time-->



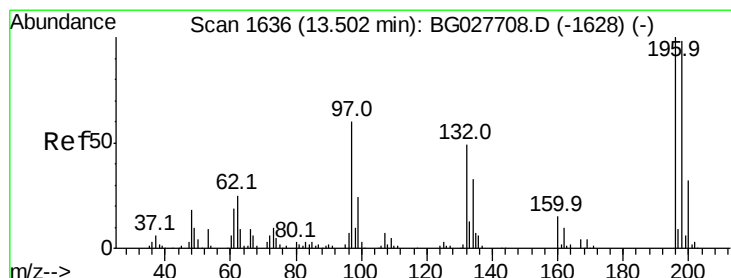
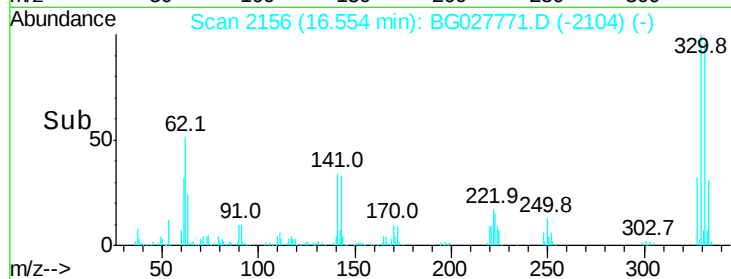
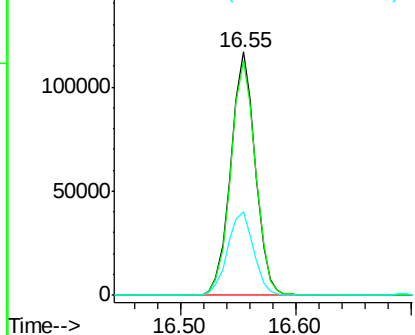
#41
 2,4,6-Tribromophenol
 Concen: 116.43 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	36.6	32.1	48.1

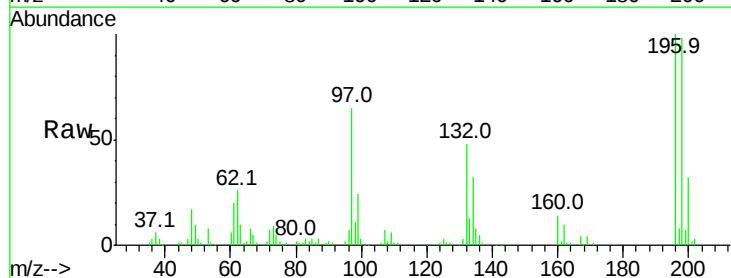


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

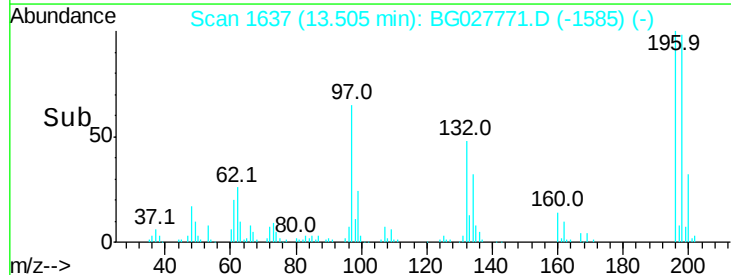
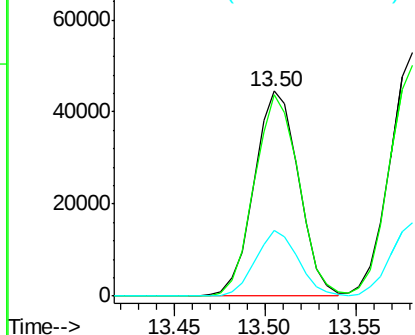


#42
 2,4,6-Trichlorophenol
 Concen: 37.34 ng
 RT: 13.50 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	81.4	122.2
200	32.1	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

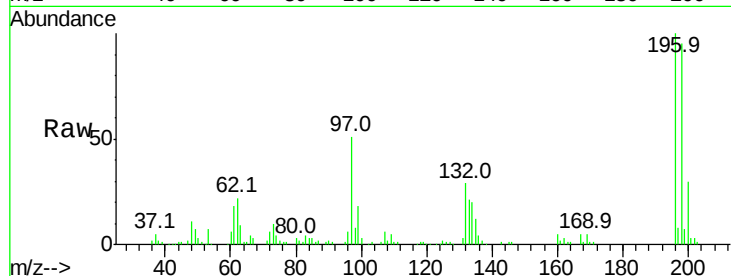




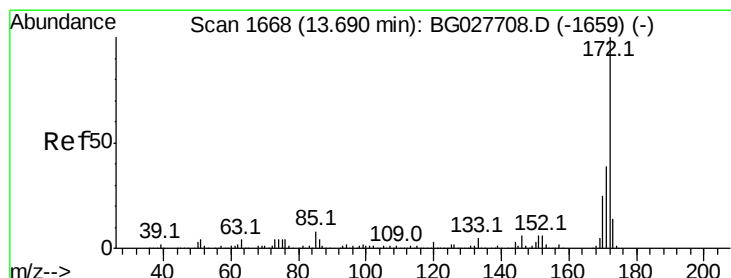
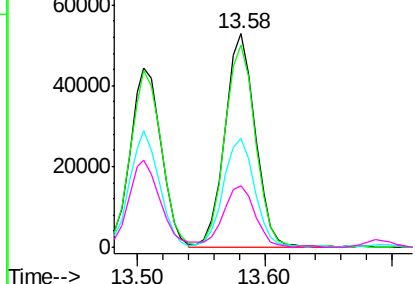
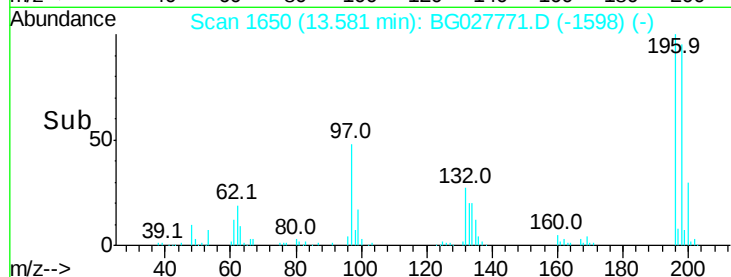
#43
 2,4,5-Trichlorophenol
 Concen: 37.90 ng
 RT: 13.58 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion:196 Resp: 87413
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.9 119.9
 97 51.0 45.4 68.0
 132 28.7 20.7 31.1

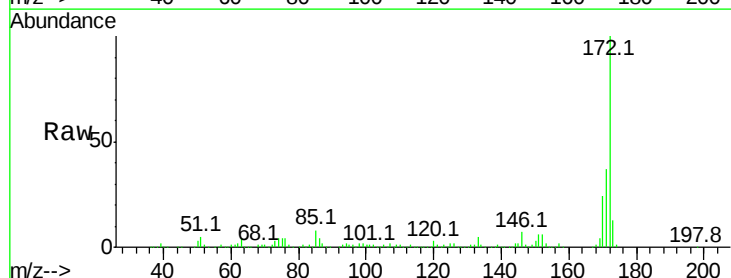


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

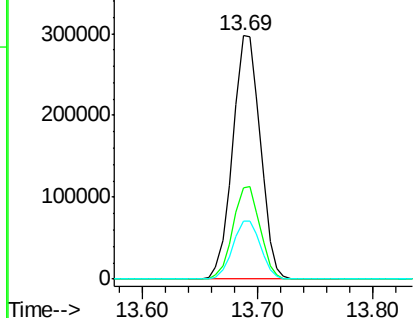
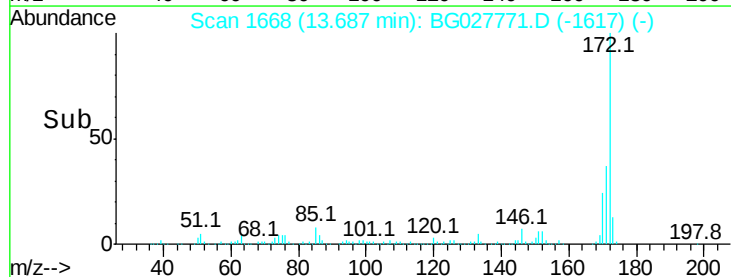


#44
 2-Fluorobiphenyl
 Concen: 65.40 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:172 Resp: 491139
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.0 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

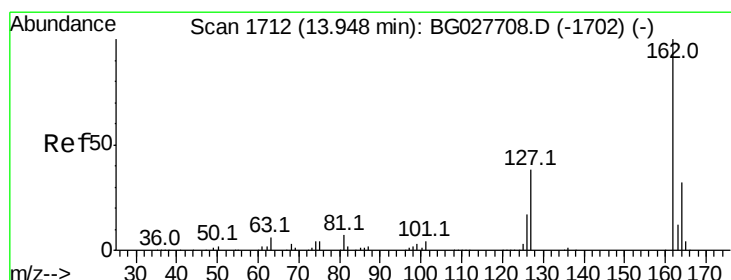
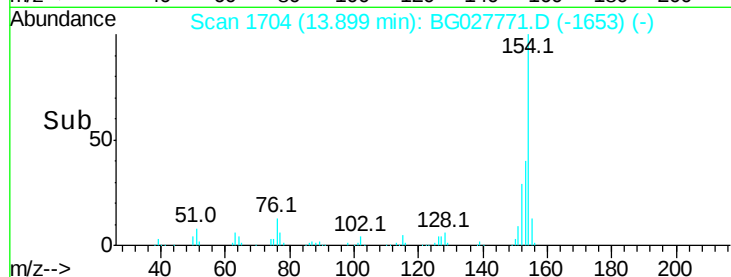
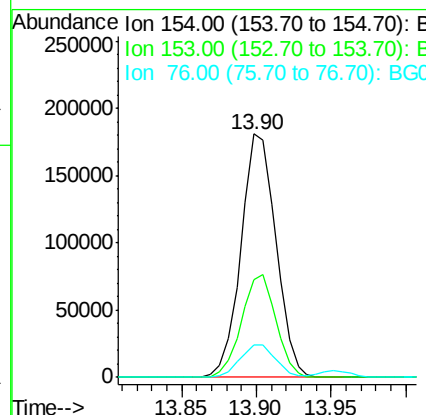
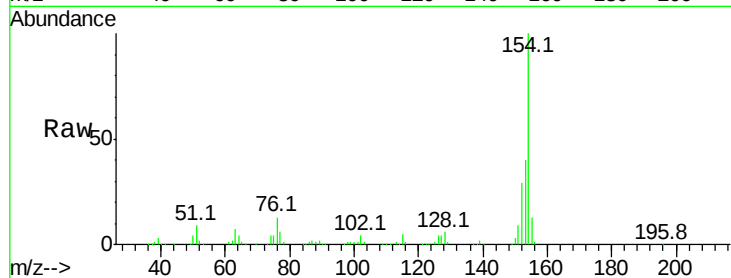




#45
 1,1'-Biphenyl
 Concen: 34.19 ng
 RT: 13.90 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

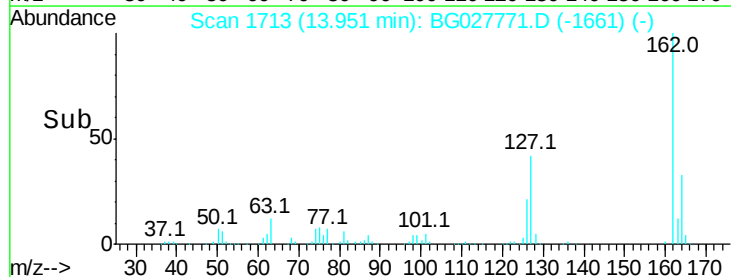
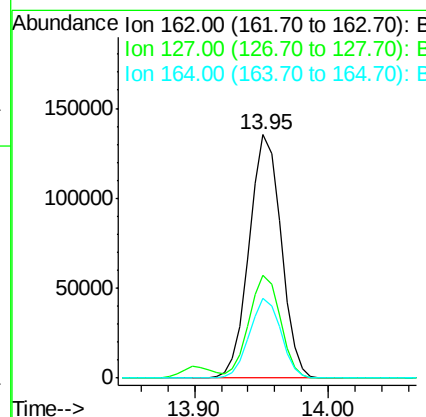
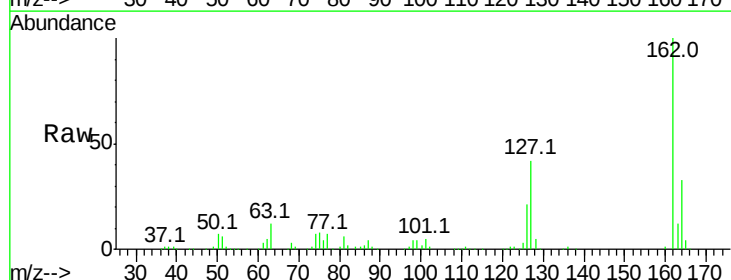
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

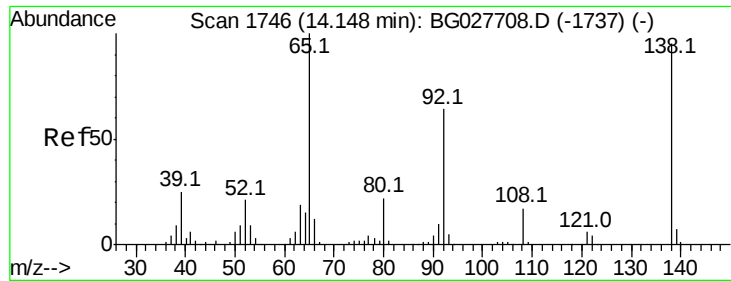
Tot Ion:	154	Resp:	293883
Ion	Ratio	Lower	Upper
154	100		
153	40.0	23.0	63.0
76	13.4	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 34.25 ng
 RT: 13.95 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:	162	Resp:	222398
Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.2	48.4
164	32.8	27.3	40.9

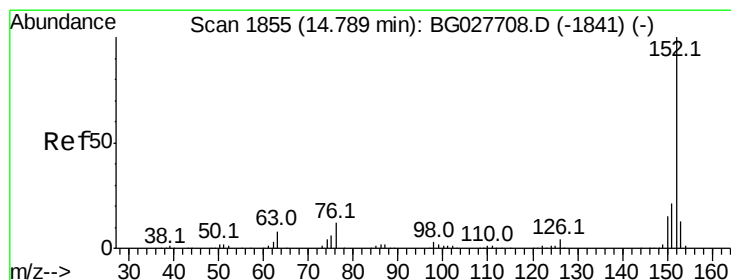
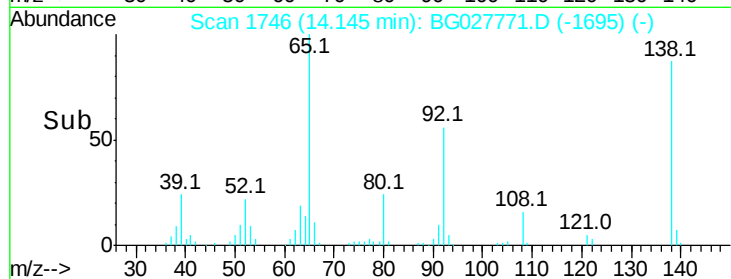
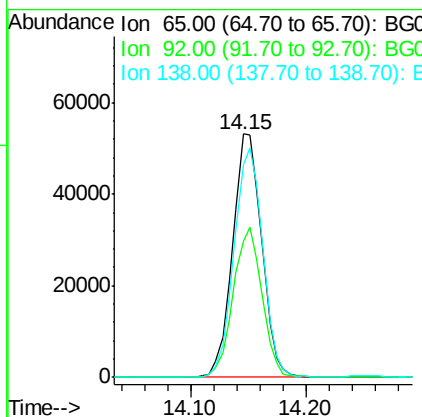
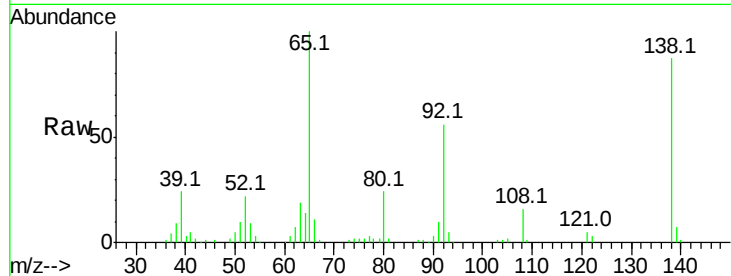




#47
2-Nitroaniline
Concen: 35.65 ng
RT: 14.15 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

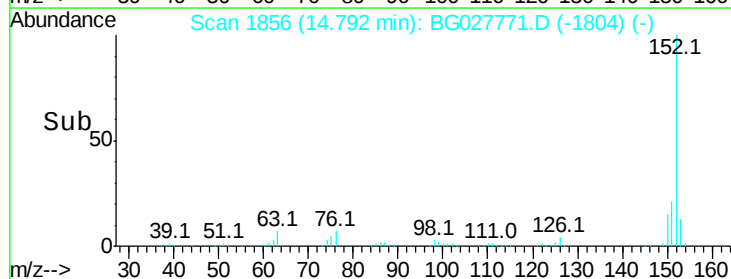
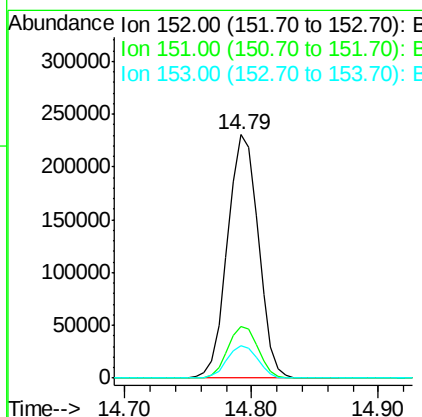
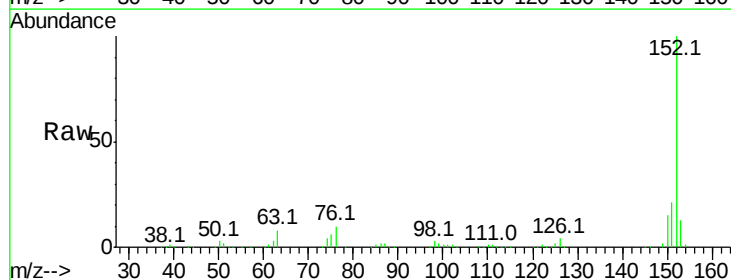
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

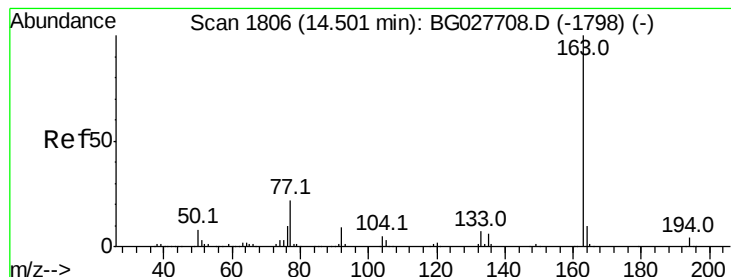
Tot Ion: 65 Resp: 92668
Ion Ratio Lower Upper
65 100
92 55.7 49.0 73.4
138 87.4 58.6 87.8



#48
Acenaphthylene
Concen: 32.59 ng
RT: 14.79 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion: 152 Resp: 386723
Ion Ratio Lower Upper
152 100
151 21.1 18.2 27.2
153 13.2 11.3 16.9





#49

Dimethylphthalate

Concen: 42.72 ng

RT: 14.50 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

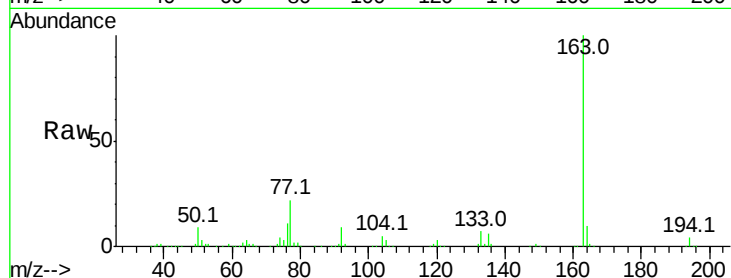
Tot Ion:163 Resp: 390891

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

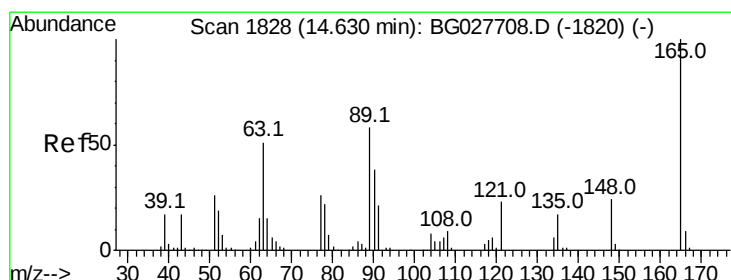
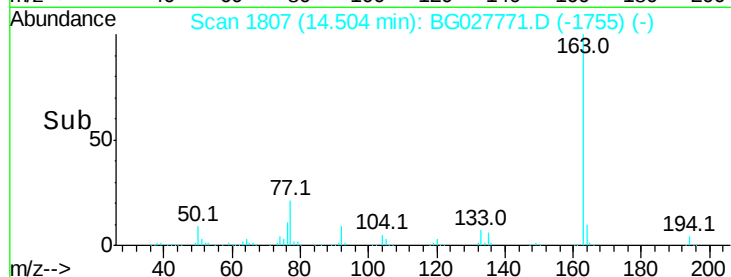
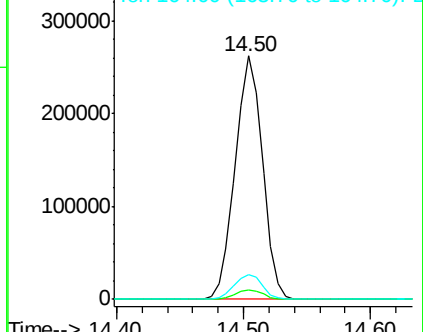
164 10.3 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.65 ng

RT: 14.63 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

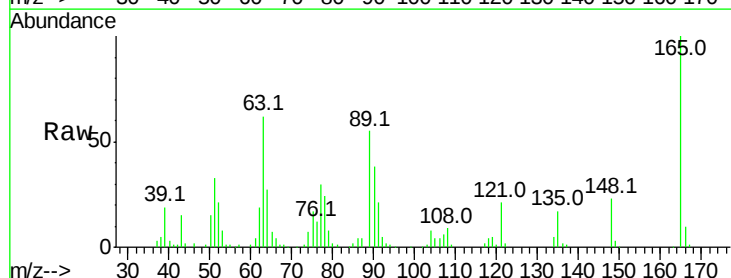
Tgt Ion:165 Resp: 70908

Ion Ratio Lower Upper

165 100

63 62.5 63.9 95.9#

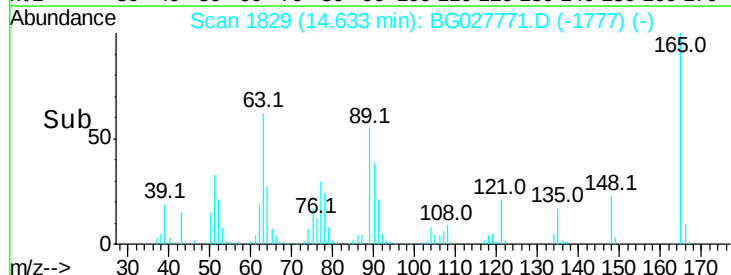
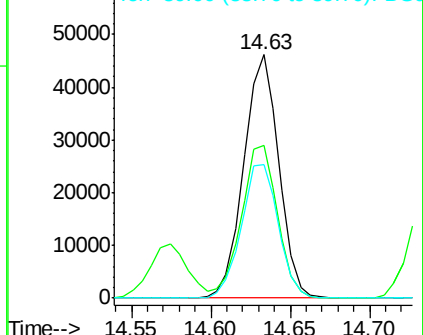
89 54.7 58.6 88.0#

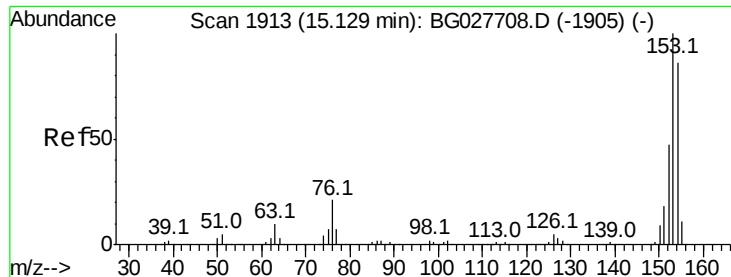


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.26 ng

RT: 15.13 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

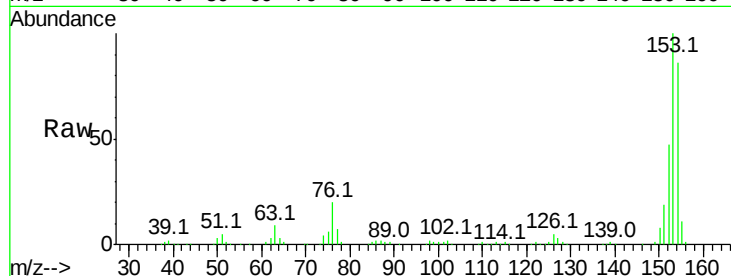
Tot Ion:154 Resp: 275797

Ion Ratio Lower Upper

154 100

153 116.6 87.8 131.6

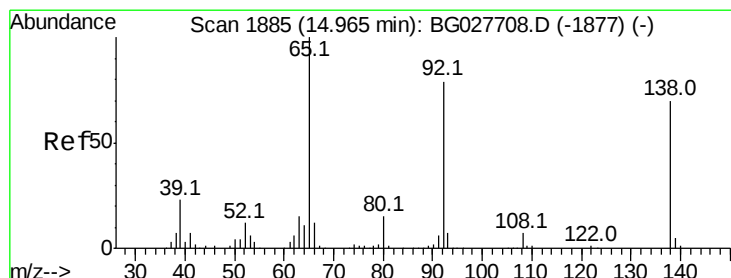
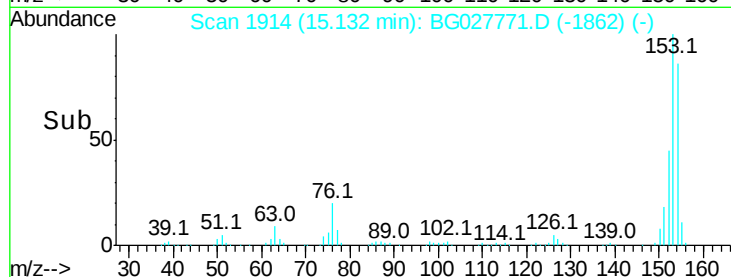
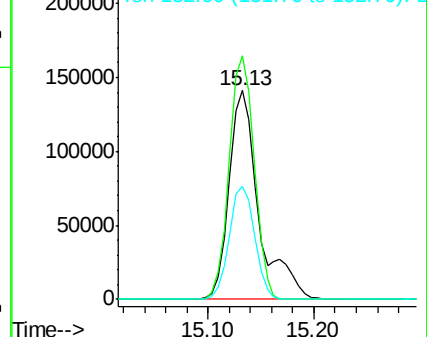
152 54.3 42.2 63.4



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: 28.40 ng

RT: 14.97 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

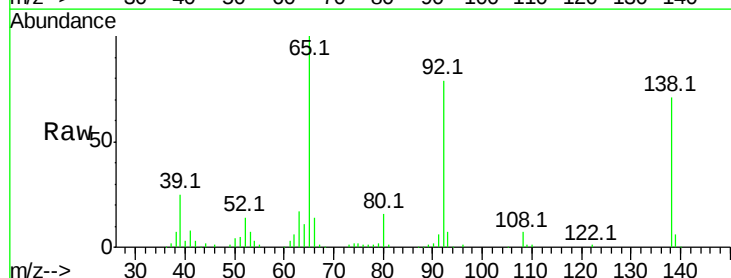
Tgt Ion:138 Resp: 66443

Ion Ratio Lower Upper

138 100

108 10.0 10.9 16.3#

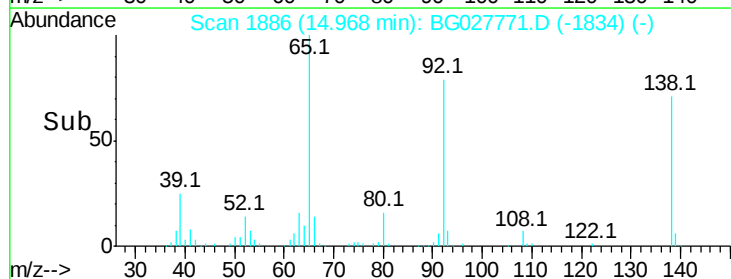
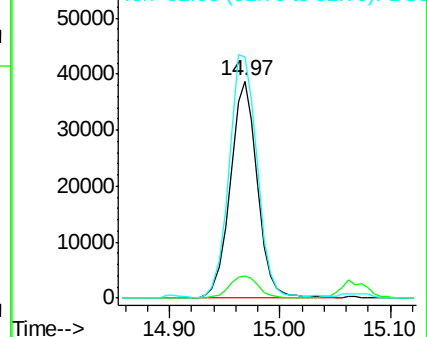
92 111.4 115.3 172.9#

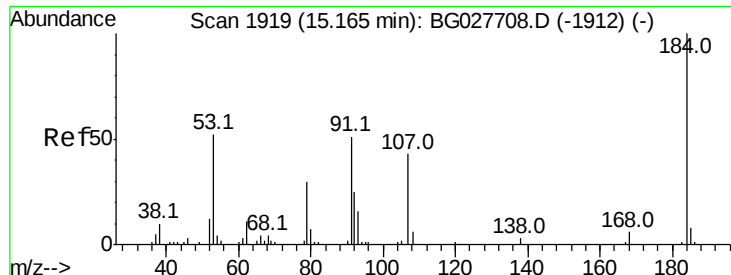


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

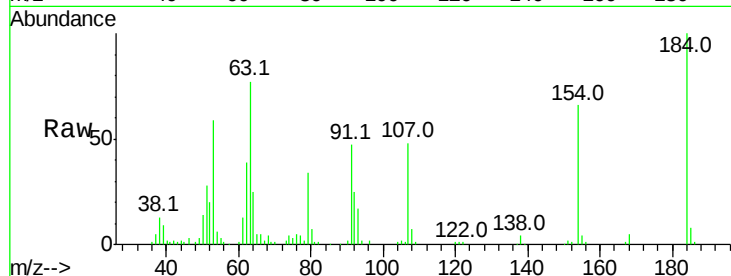




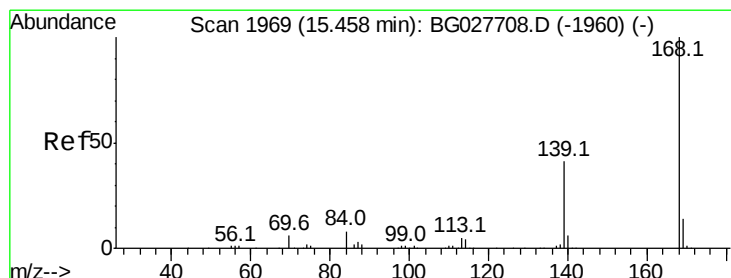
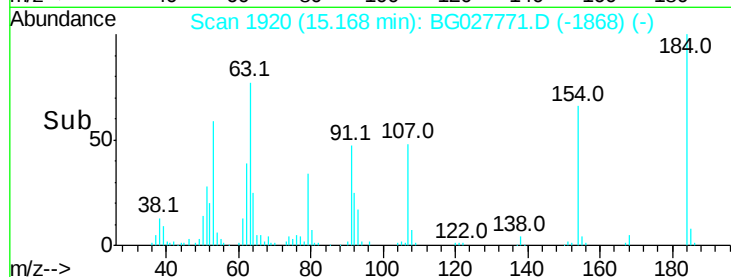
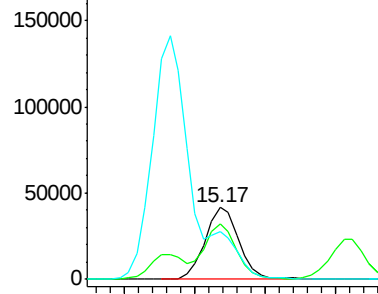
#53
 2,4-Dinitrophenol
 Concen: 74.28 ng
 RT: 15.17 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion:184 Resp: 69844
 Ion Ratio Lower Upper
 184 100
 63 76.7 52.7 79.1
 154 65.9 57.3 85.9

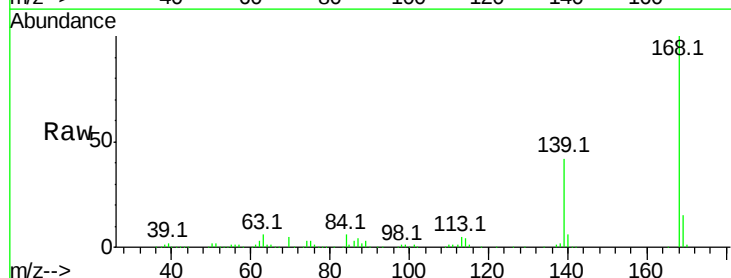


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

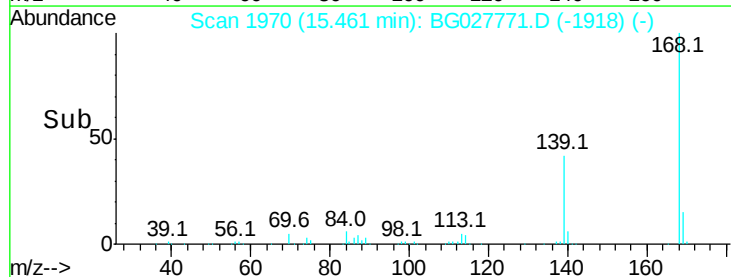
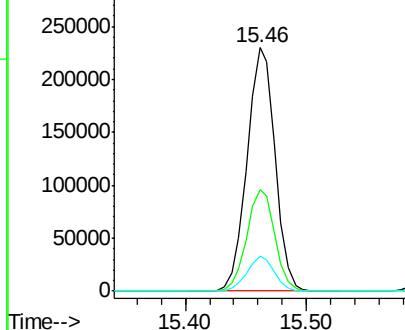


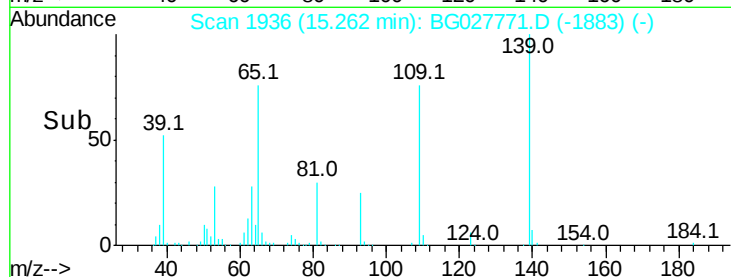
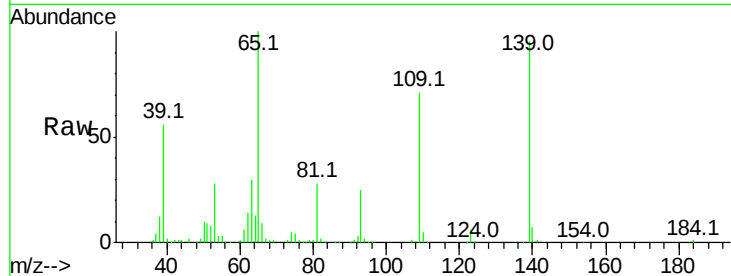
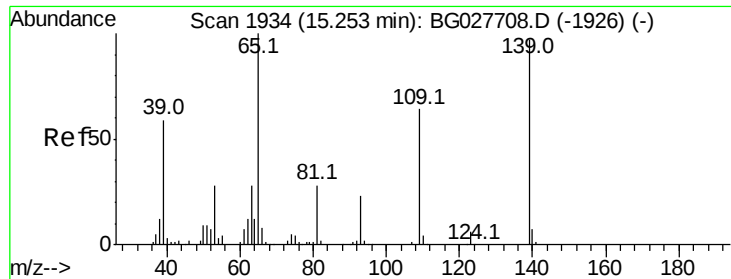
#54
 Dibenzofuran
 Concen: 36.86 ng
 RT: 15.46 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:168 Resp: 370707
 Ion Ratio Lower Upper
 168 100
 139 41.9 35.3 52.9
 169 14.5 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

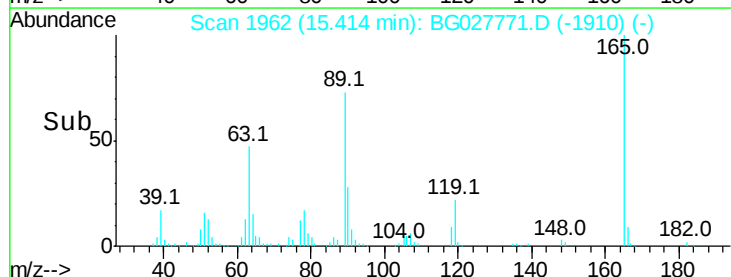
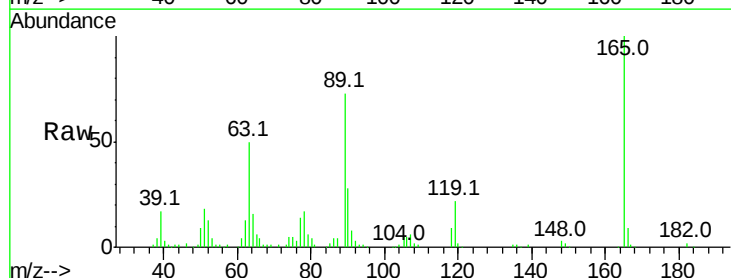
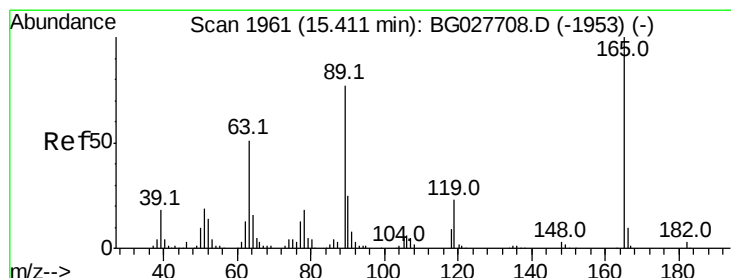
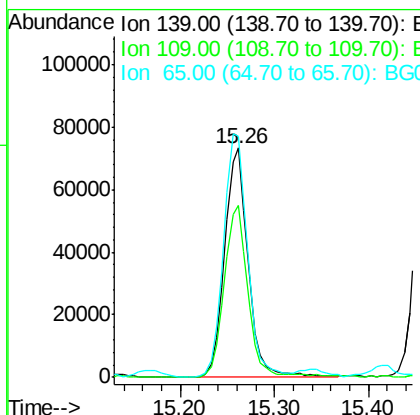




#55
4-Nitrophenol
Concen: 71.57 ng
RT: 15.26 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

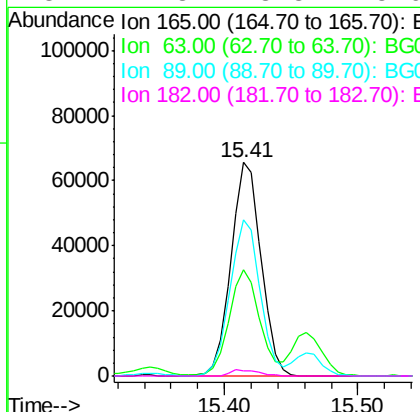
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

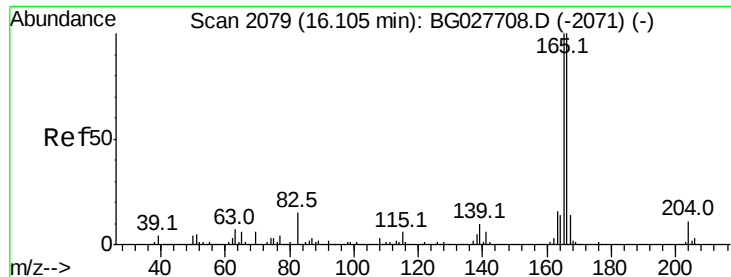
Tot Ion:139 Resp: 127837
Ion Ratio Lower Upper
139 100
109 75.2 101.2 141.2#
65 105.1 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 37.08 ng
RT: 15.41 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:165 Resp: 102869
Ion Ratio Lower Upper
165 100
63 50.0 44.0 66.0
89 73.4 67.3 100.9
182 2.3 3.8 5.6#

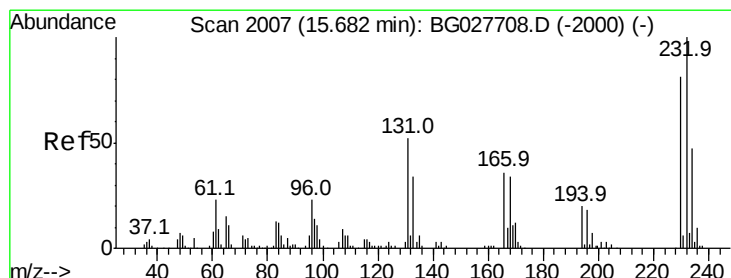
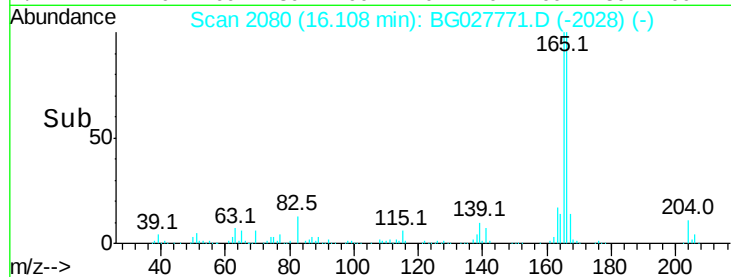
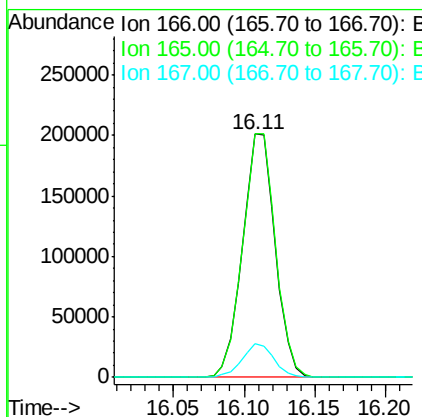
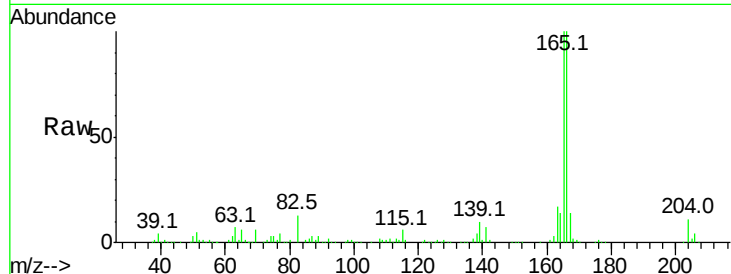




#57
Fluorene
 Concen: 33.34 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

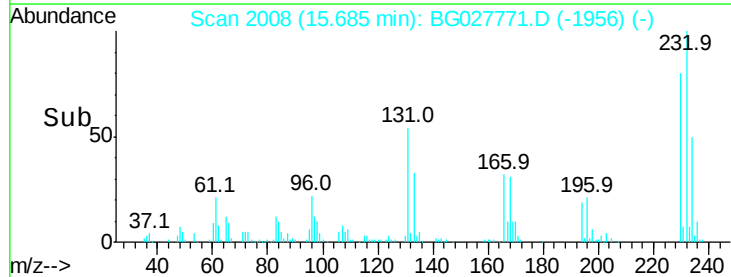
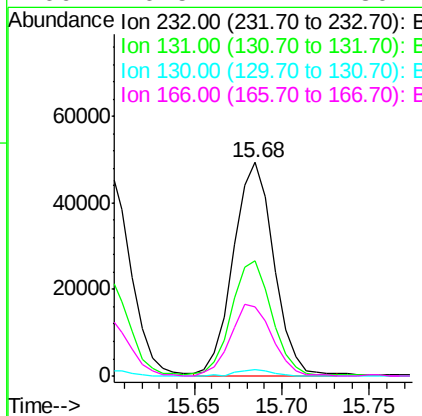
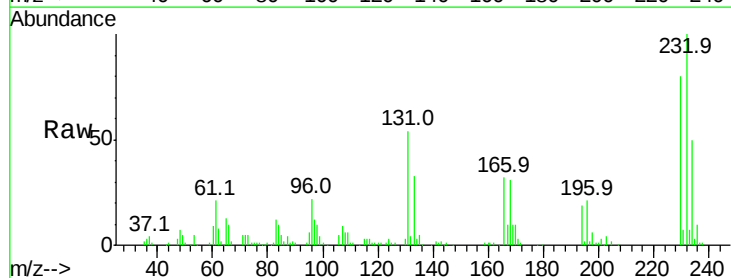
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

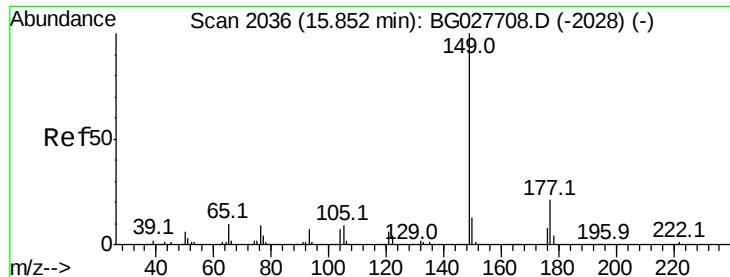
Tot Ion:166 Resp: 325116
 Ion Ratio Lower Upper
 166 100
 165 100.2 78.6 117.8
 167 13.8 11.6 17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.45 ng m
 RT: 15.68 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:232 Resp: 80433
 Ion Ratio Lower Upper
 232 100
 131 44.2 34.9 52.3
 130 2.6 2.3 3.5
 166 26.5 24.2 36.4

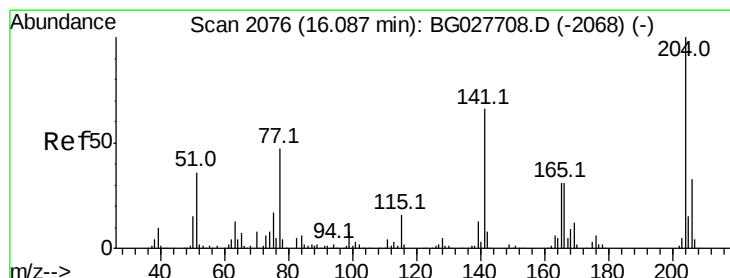
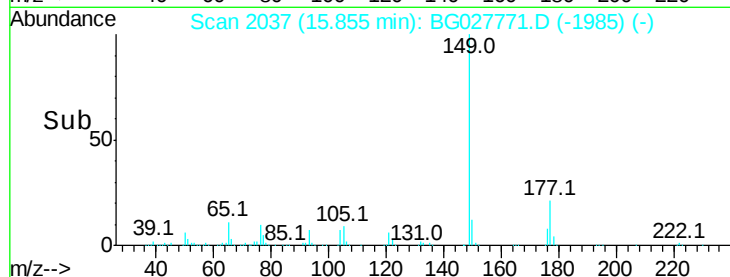
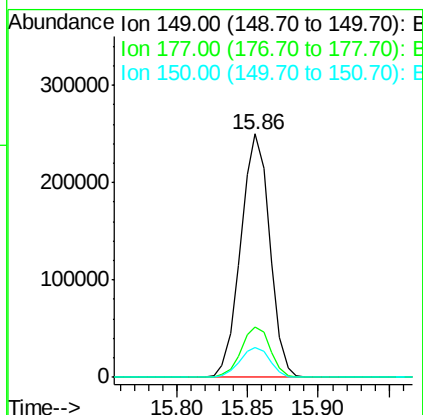
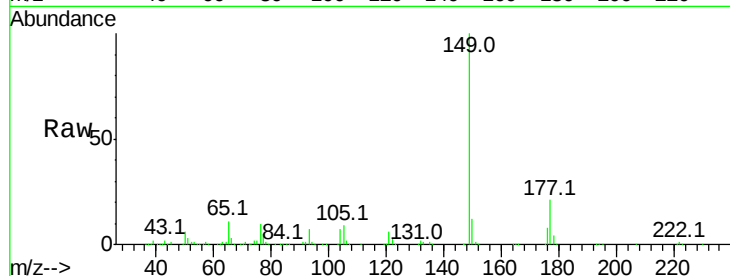




#59
Diethylphthalate
Concen: 35.42 ng
RT: 15.86 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

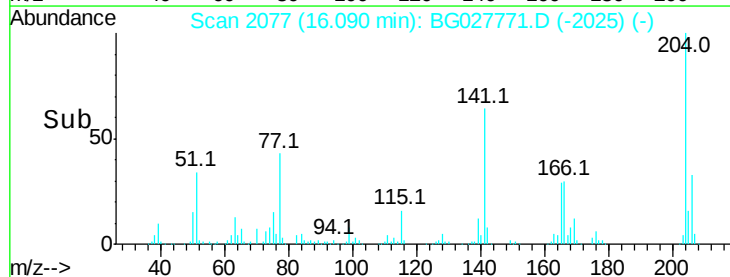
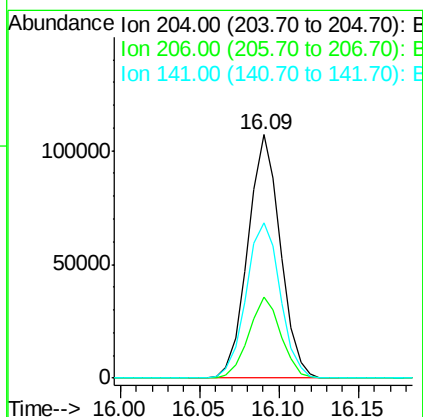
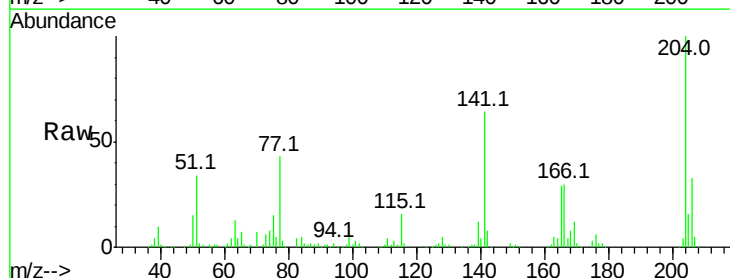
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

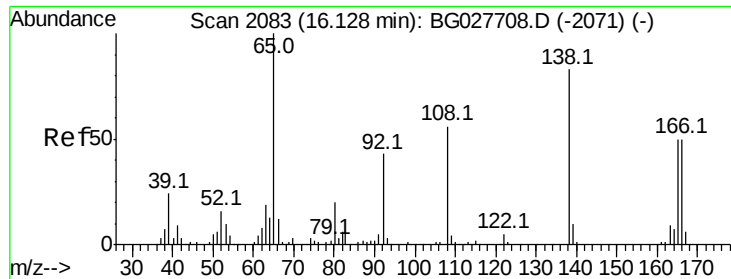
Tot Ion:149 Resp: 358814
Ion Ratio Lower Upper
149 100
177 20.8 20.1 30.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.30 ng
RT: 16.09 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:204 Resp: 152382
Ion Ratio Lower Upper
204 100
206 33.2 30.1 45.1
141 63.8 50.6 76.0

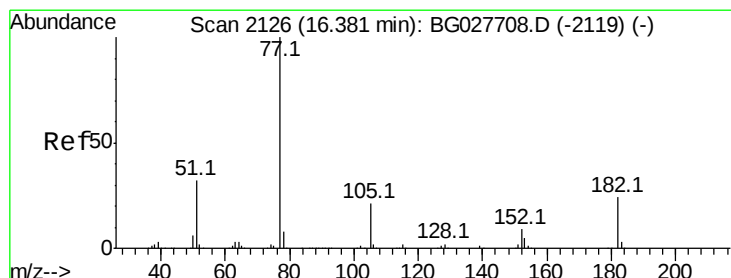
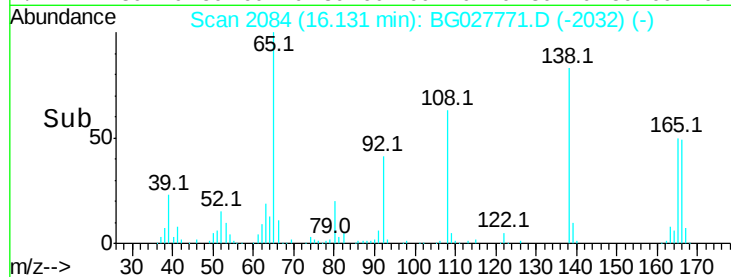
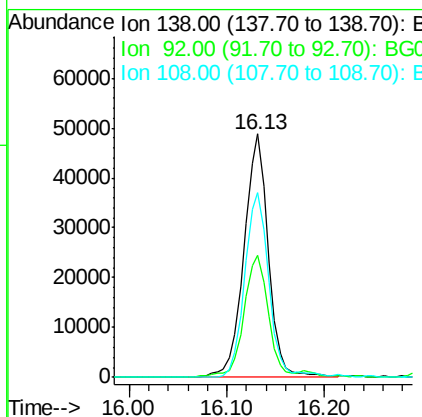
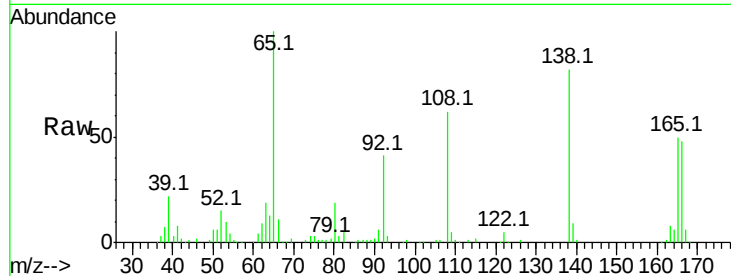




#61
4-Nitroaniline
Concen: 35.02 ng
RT: 16.13 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

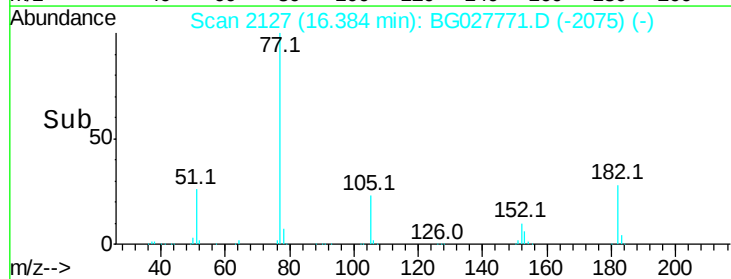
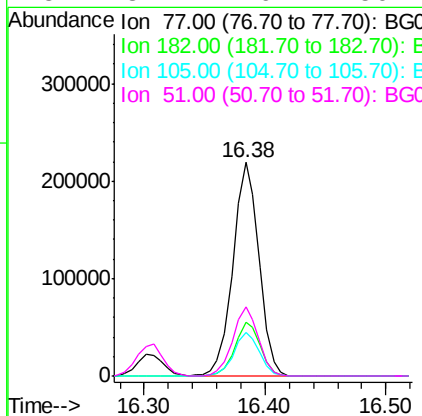
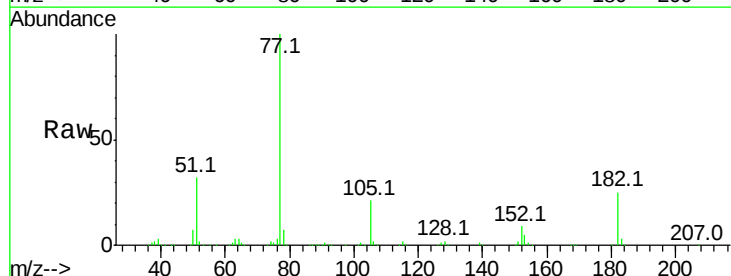
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

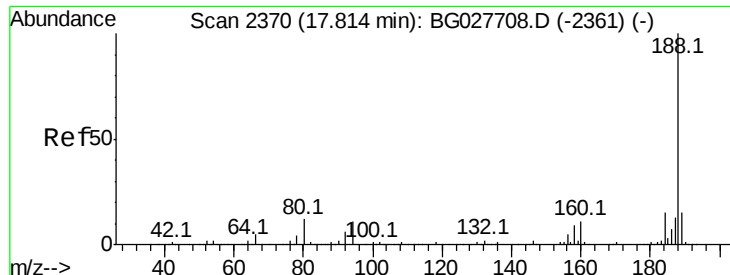
Tot Ion:138 Resp: 85363
Ion Ratio Lower Upper
138 100
92 50.0 44.2 84.2
108 76.0 104.8 144.8#



#62
Azobenzene
Concen: 36.80 ng
RT: 16.38 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion: 77 Resp: 327573
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 20.7 0.0 36.3
51 32.1 16.4 56.4

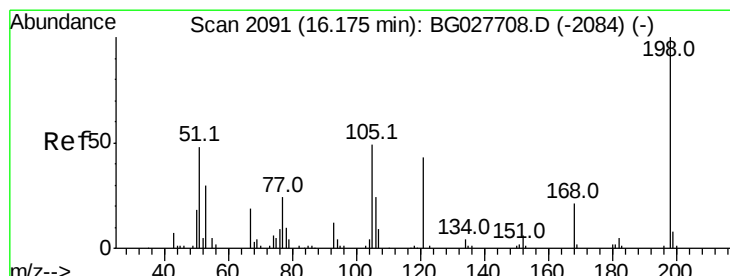
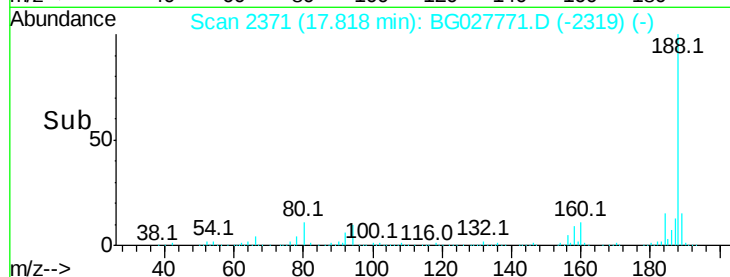
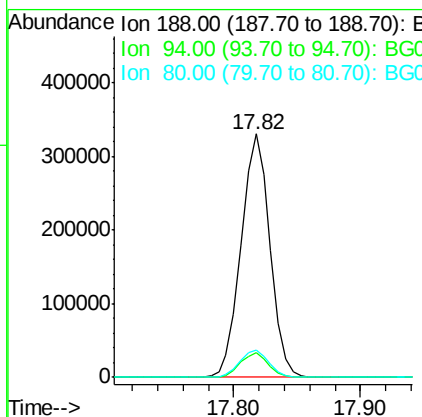
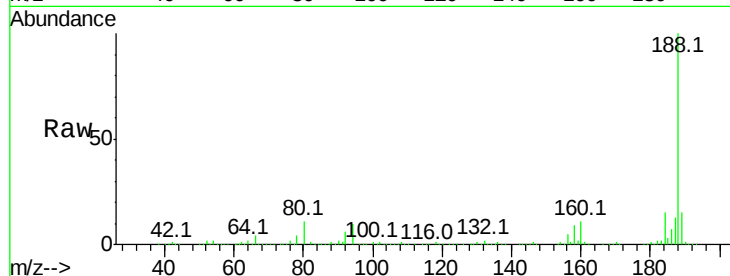




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

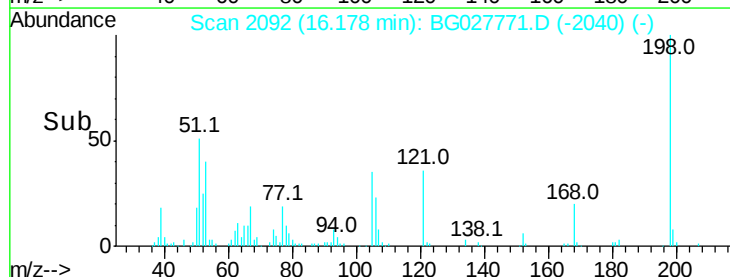
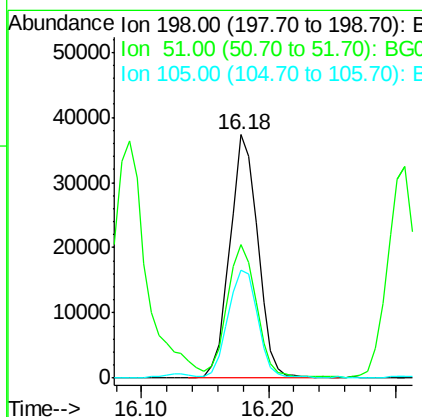
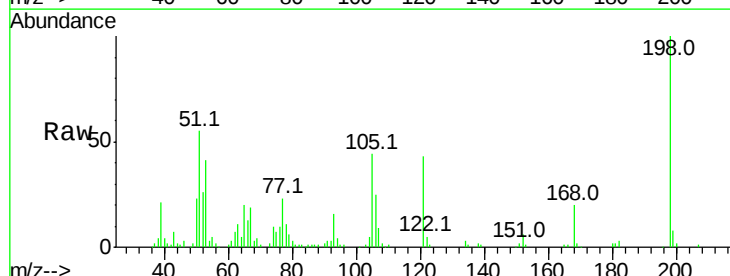
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

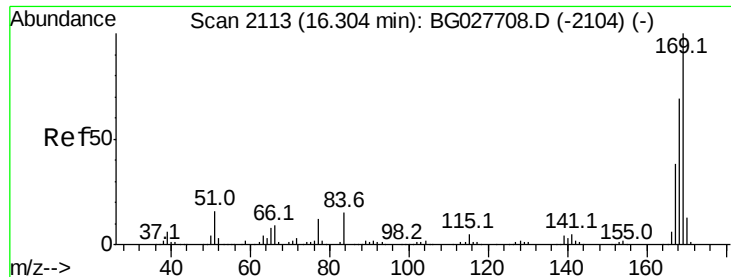
Tot Ion:188 Resp: 518891
 Ion Ratio Lower Upper
 188 100
 94 10.0 5.8 8.8#
 80 11.2 7.5 11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.70 ng
 RT: 16.18 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:198 Resp: 56824
 Ion Ratio Lower Upper
 198 100
 51 54.6 22.6 62.6
 105 44.3 14.4 54.4

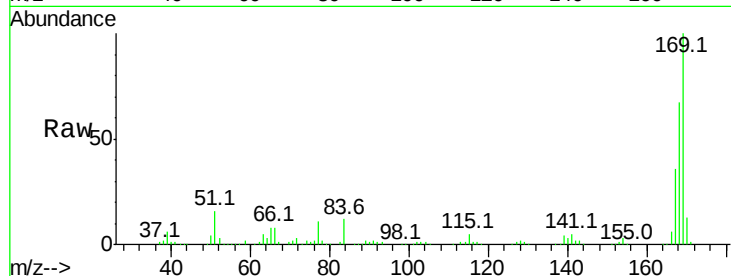




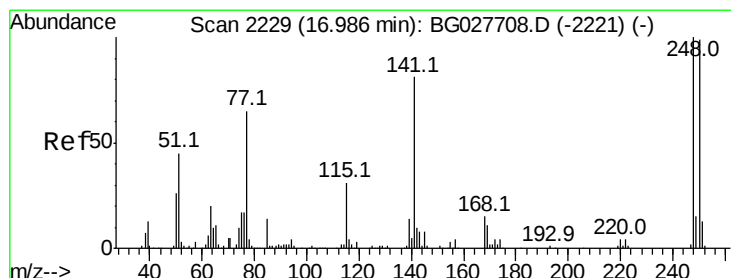
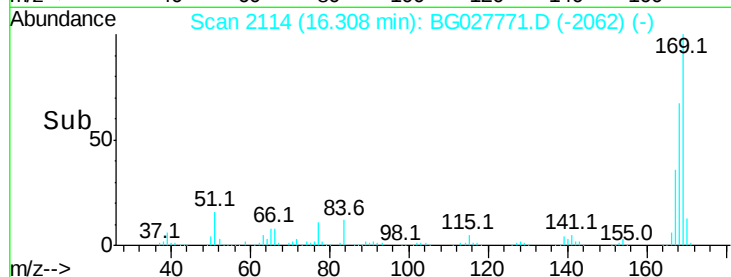
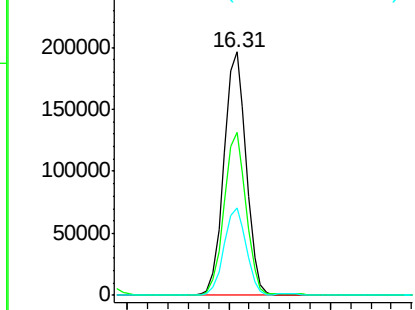
#65
 n-Nitrosodiphenylamine
 Concen: 35.21 ng
 RT: 16.31 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion:169 Resp: 297187
 Ion Ratio Lower Upper
 169 100
 168 66.8 55.7 83.5
 167 35.8 29.8 44.6

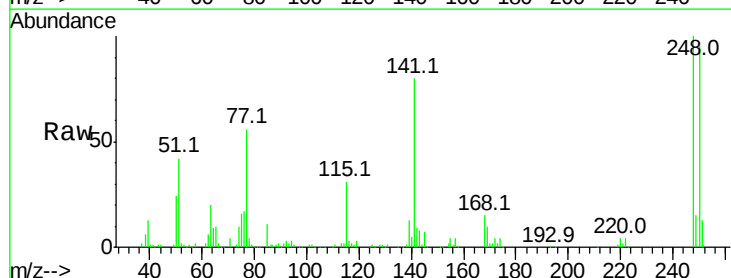


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

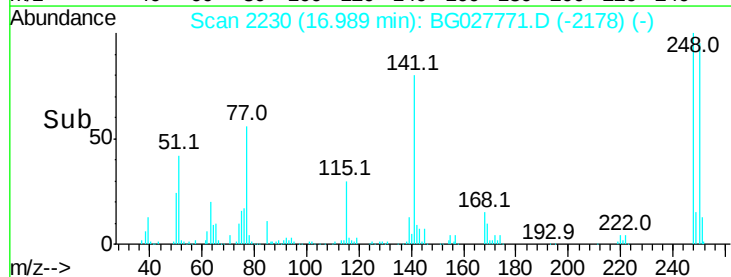
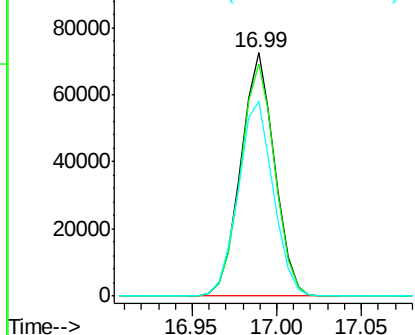


#66
 4-Bromophenyl-phenylether
 Concen: 37.14 ng
 RT: 16.99 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:248 Resp: 100781
 Ion Ratio Lower Upper
 248 100
 250 95.1 75.0 112.6
 141 80.3 55.2 82.8



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





#67

Hexachlorobenzene

Concen: 36.74 ng

RT: 17.12 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

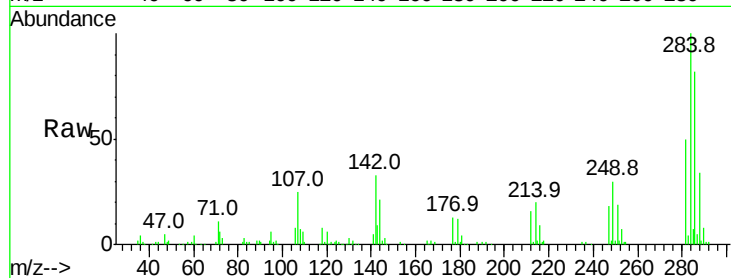
Tot Ion:284 Resp: 105571

Ion Ratio Lower Upper

284 100

142 33.5 29.9 44.9

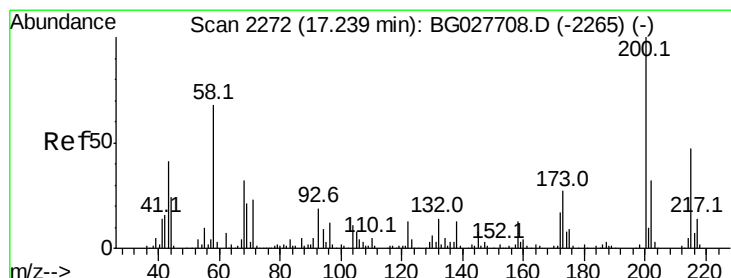
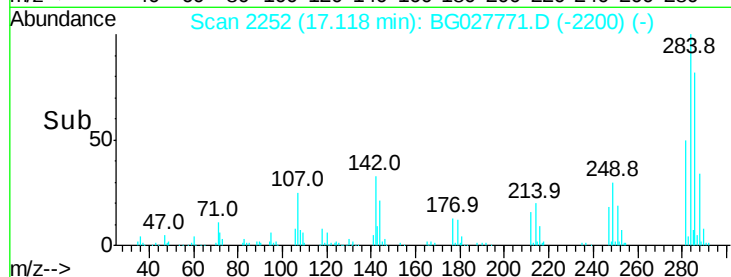
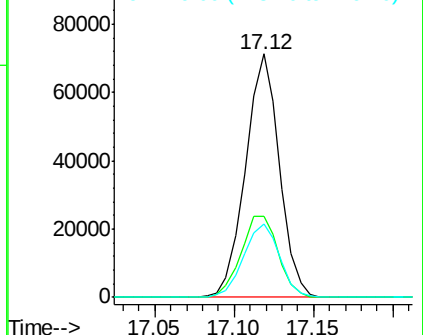
249 30.3 29.2 43.8



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: 37.57 ng

RT: 17.24 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

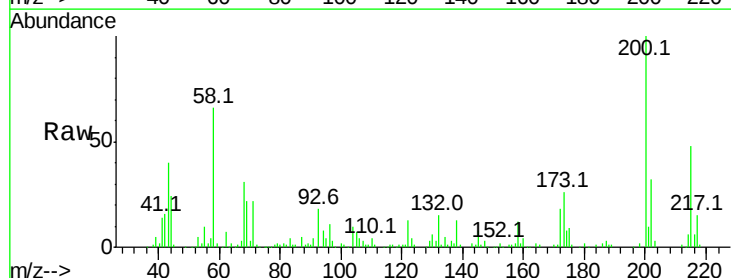
Tgt Ion:200 Resp: 100107

Ion Ratio Lower Upper

200 100

173 25.6 3.0 43.0

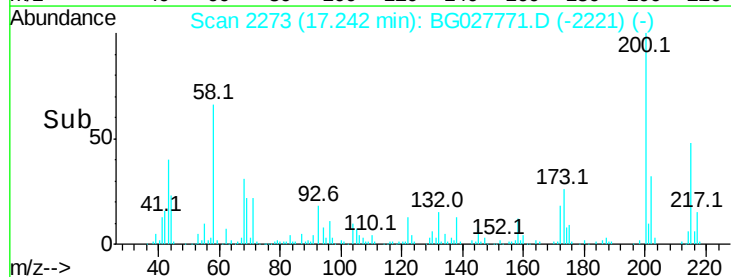
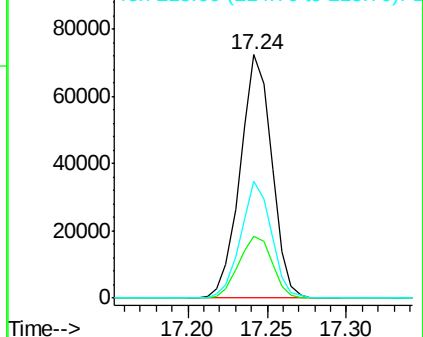
215 48.2 28.4 68.4

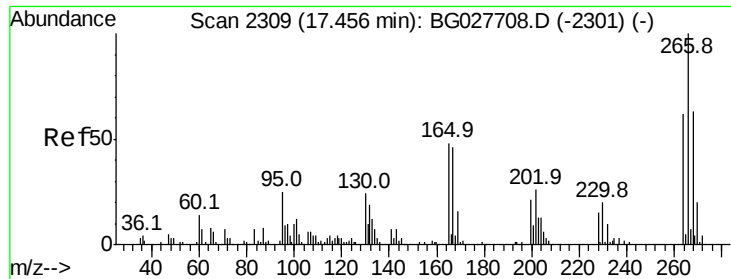


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

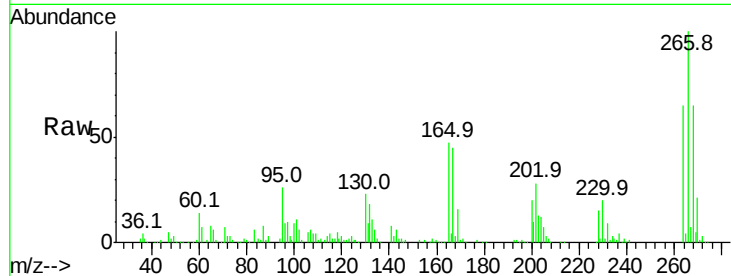




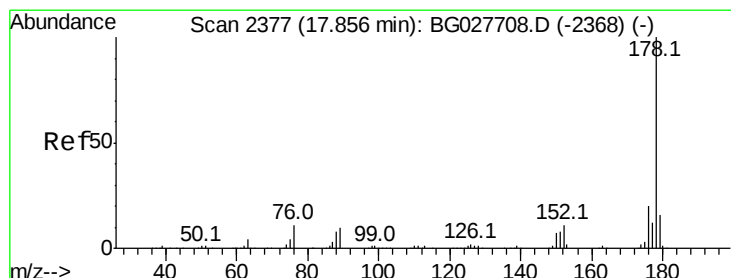
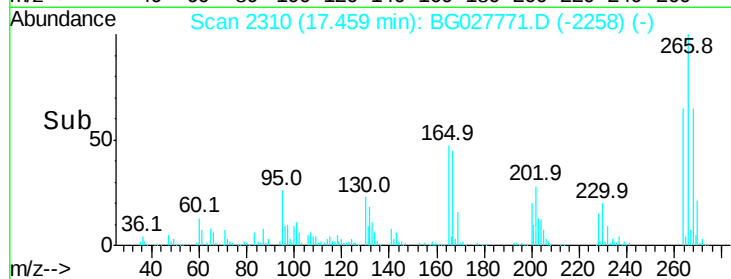
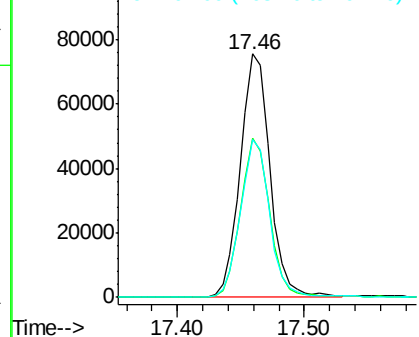
#69
 Pentachlorophenol
 Concen: 74.02 ng
 RT: 17.46 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	48.6	72.8
264	64.9	50.1	75.1

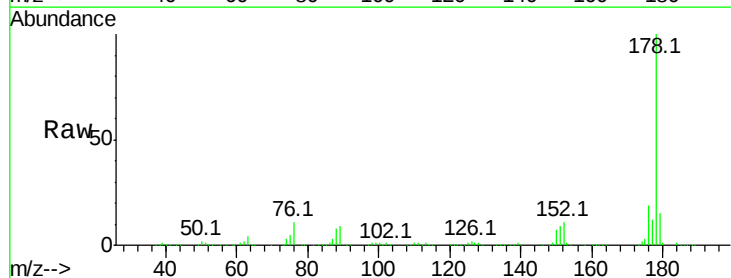


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

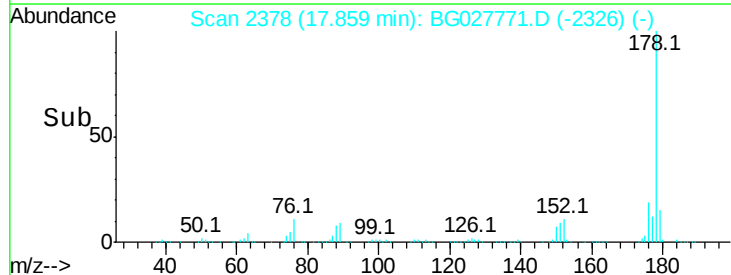
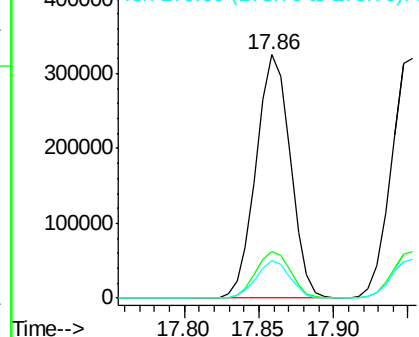


#70
 Phenanthrene
 Concen: 34.43 ng
 RT: 17.86 min Scan# 2378
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.7	26.5
179	15.5	15.0	22.6



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

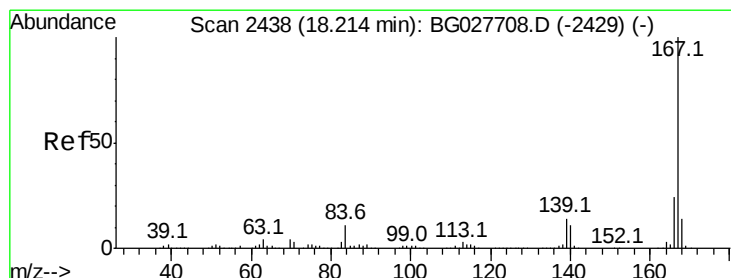
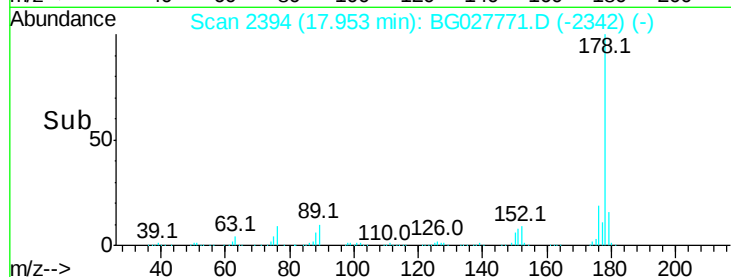
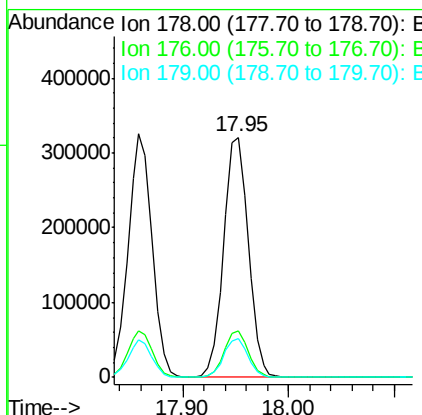
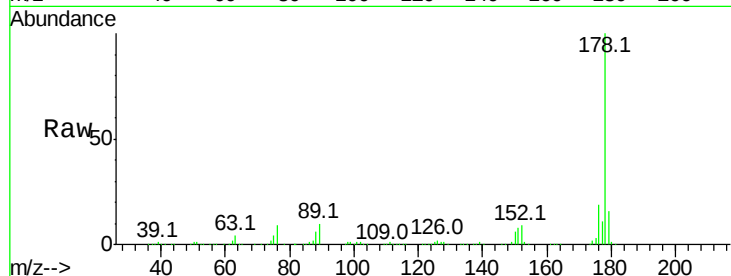




#71
 Anthracene
 Concen: 34.40 ng
 RT: 17.95 min Scan# 2394
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

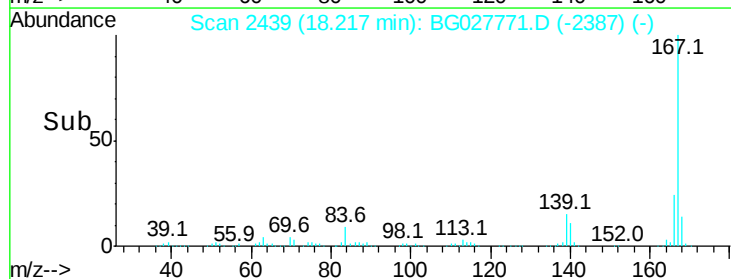
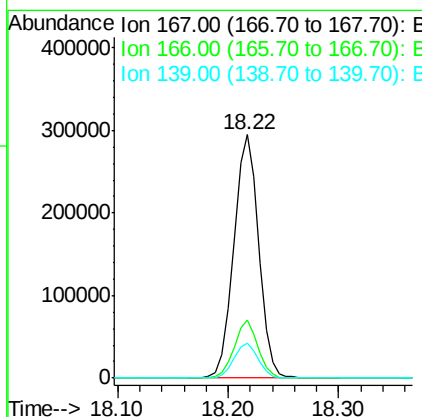
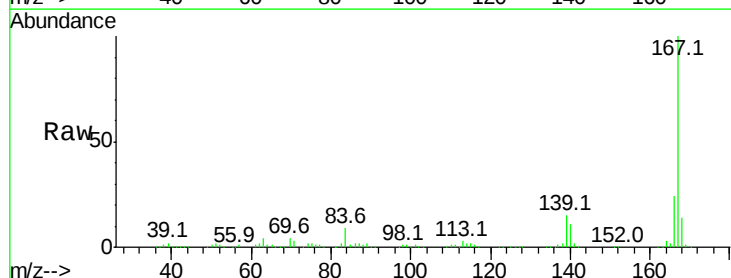
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

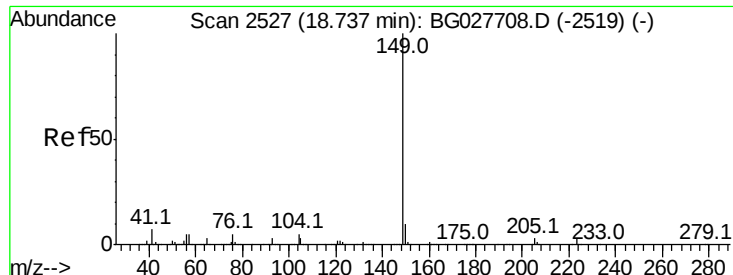
Tot Ion:178 Resp: 520331
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.4 24.6
 179 15.9 13.8 20.8



#72
 Carbazole
 Concen: 31.29 ng
 RT: 18.22 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:167 Resp: 466074
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.2 30.2
 139 14.6 12.8 19.2

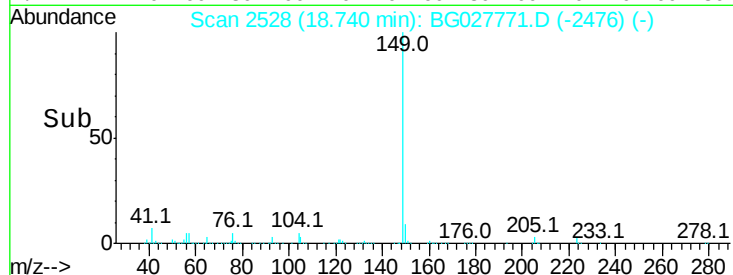
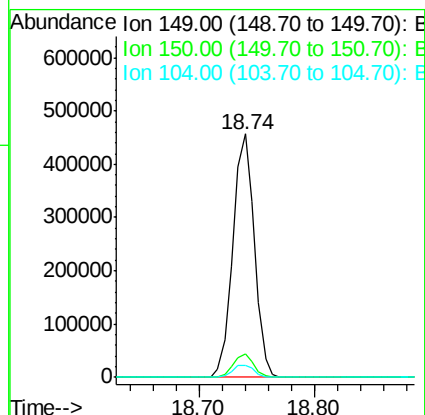
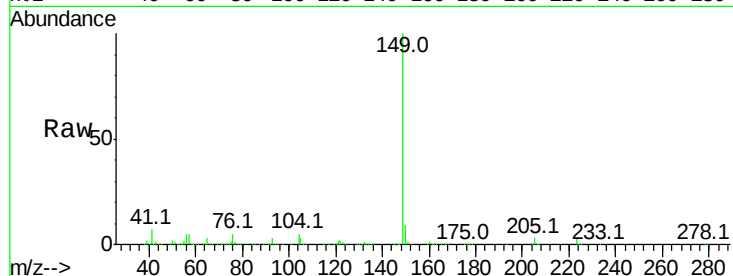




#73
Di-n-butylphthalate
Concen: 35.73 ng
RT: 18.74 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

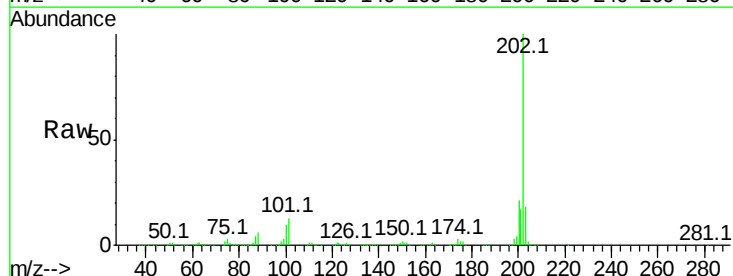
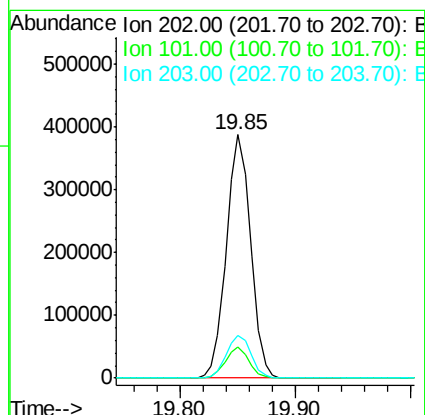
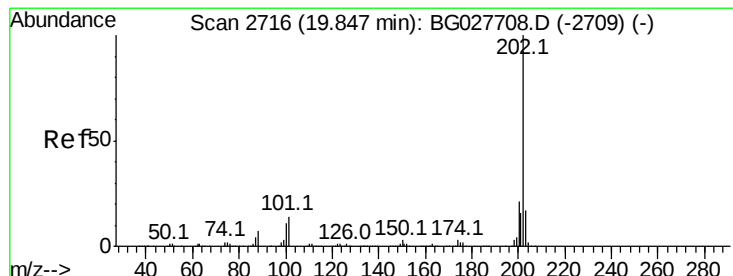
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

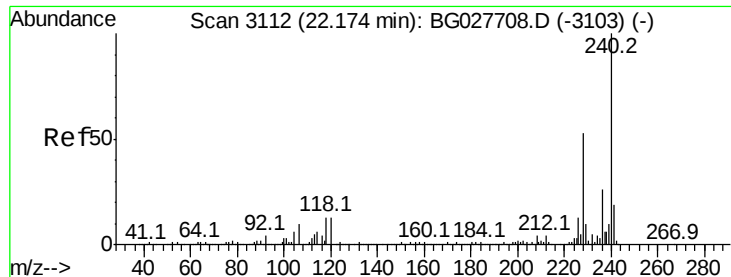
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	9.1	13.7
104	5.0	6.7	10.1#



#74
Fluoranthene
Concen: 34.41 ng
RT: 19.85 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.1
203	17.7	1.3	41.3





#75

Chrysene-d12

Concen: 40.00 ng

RT: 22.18 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

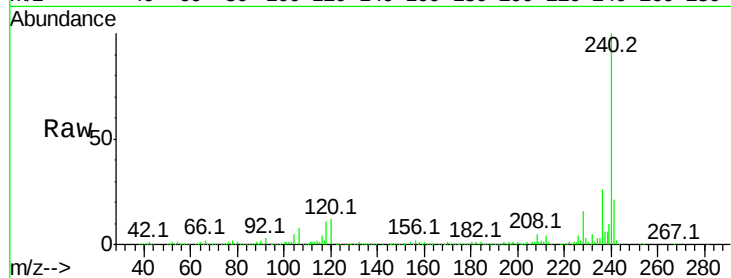
Tot Ion:240 Resp: 539738

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

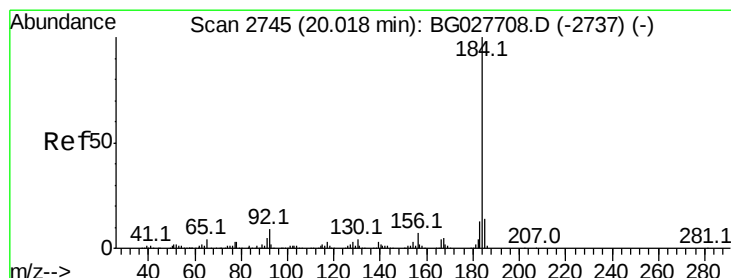
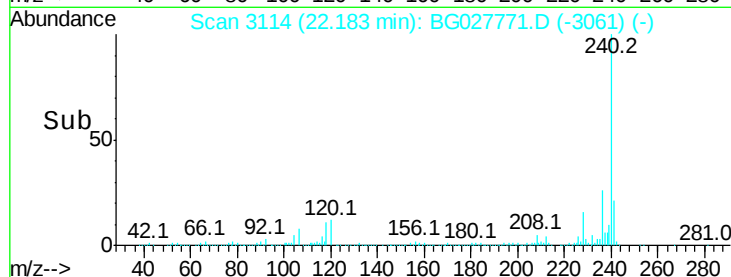
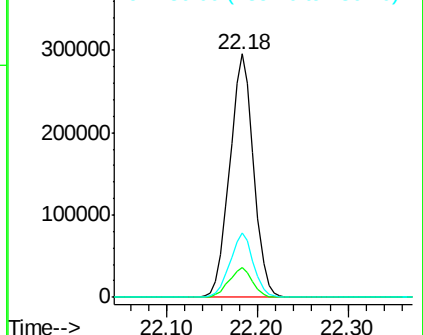
236 26.4 22.2 33.4



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: 31.63 ng

RT: 20.02 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

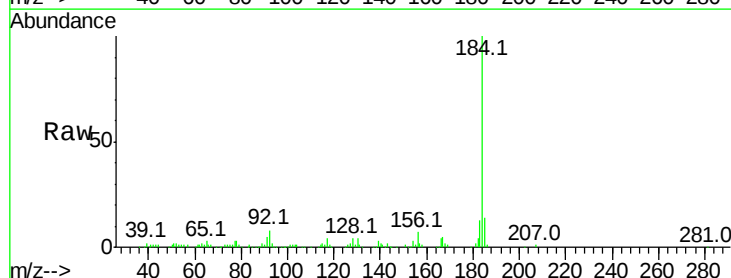
Tgt Ion:184 Resp: 173512

Ion Ratio Lower Upper

184 100

185 13.8 13.0 19.6

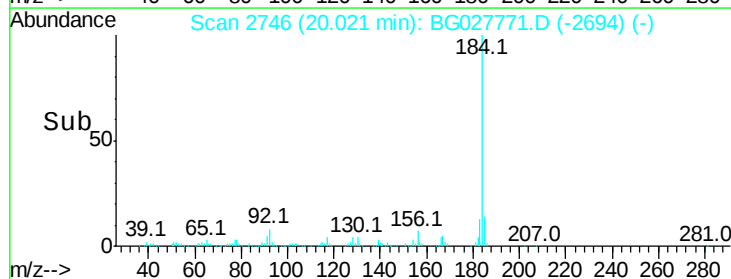
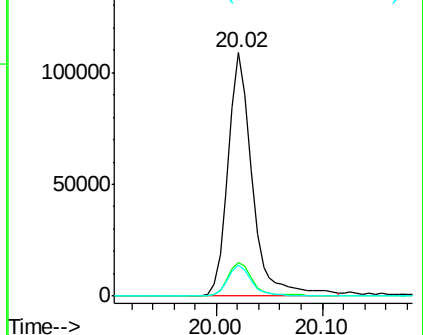
183 12.6 11.0 16.6

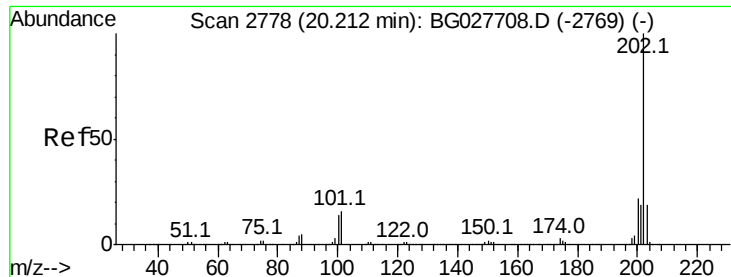


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.78 ng

RT: 20.21 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

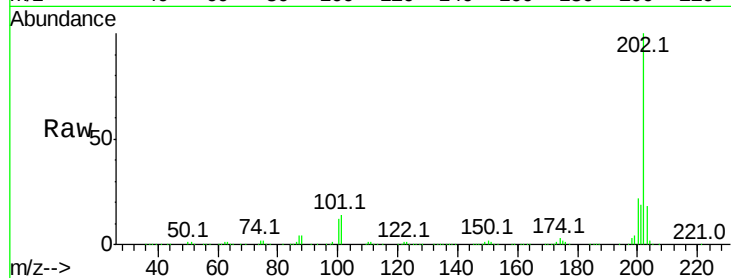
Tot Ion:202 Resp: 572095

Ion Ratio Lower Upper

202 100

200 21.6 19.6 29.4

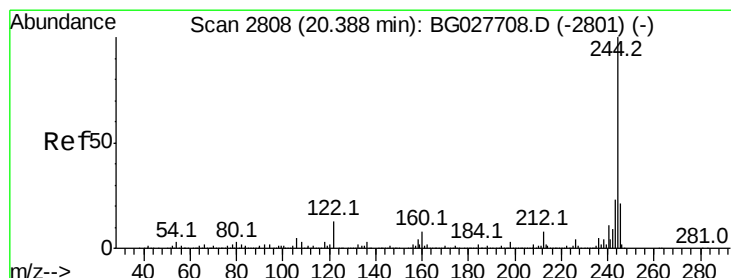
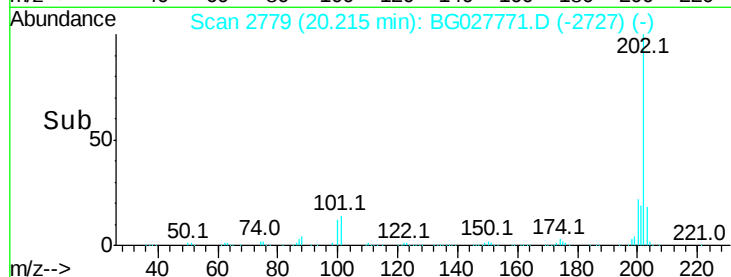
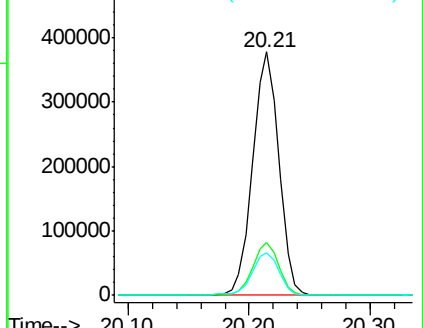
203 17.6 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.16 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

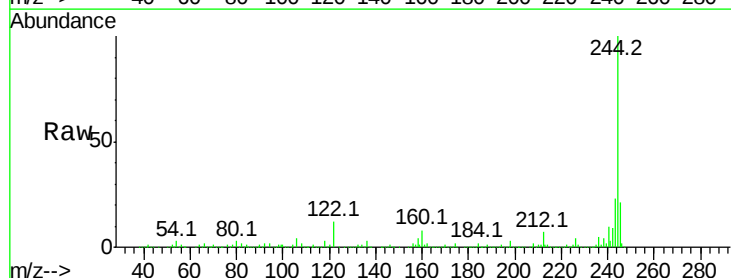
Tgt Ion:244 Resp: 796089

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

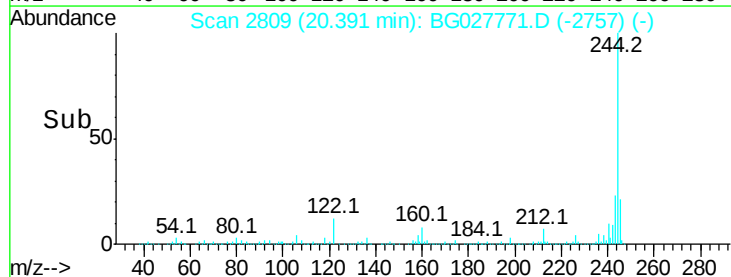
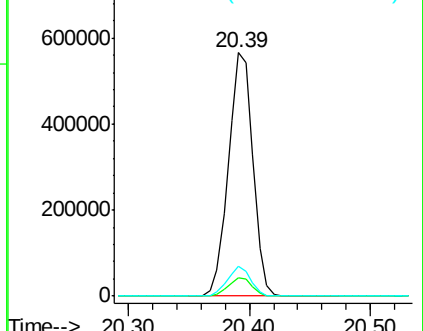
122 12.2 8.6 12.8

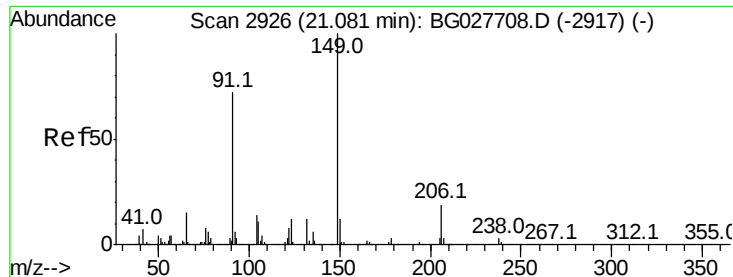


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

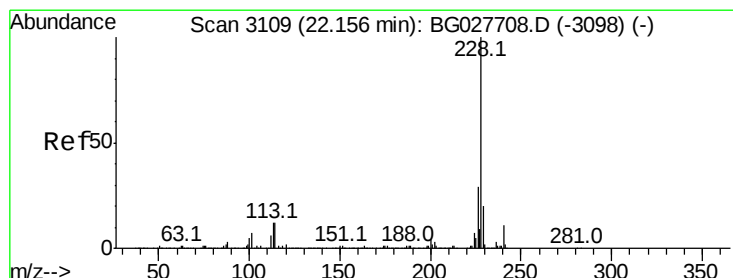
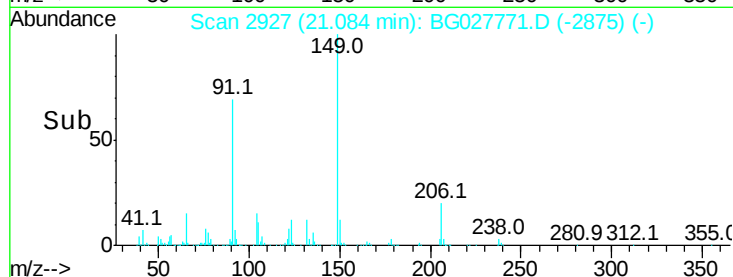
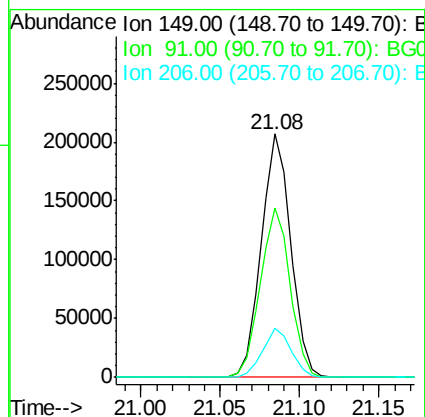
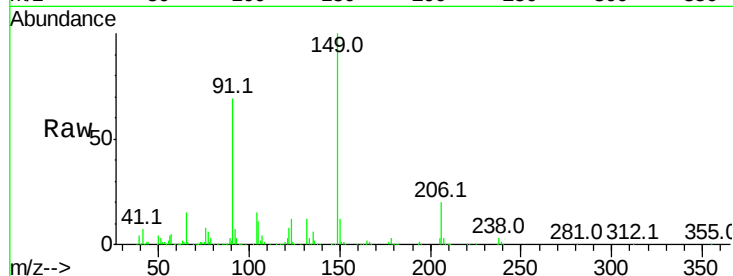




#79
Butylbenzylphthalate
Concen: 35.29 ng
RT: 21.08 min Scan# 2927
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

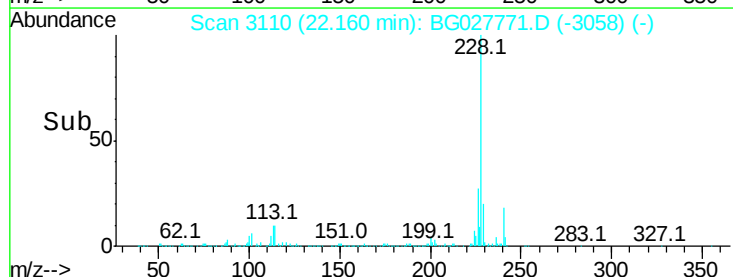
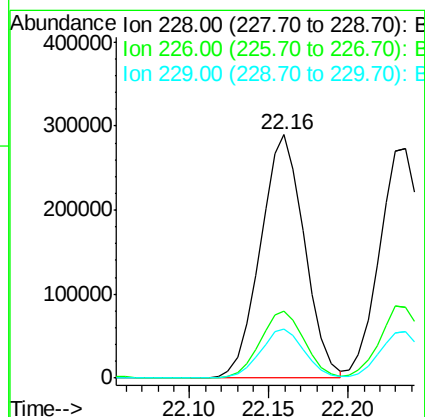
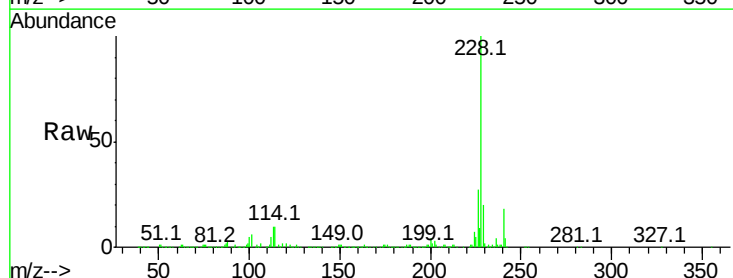
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

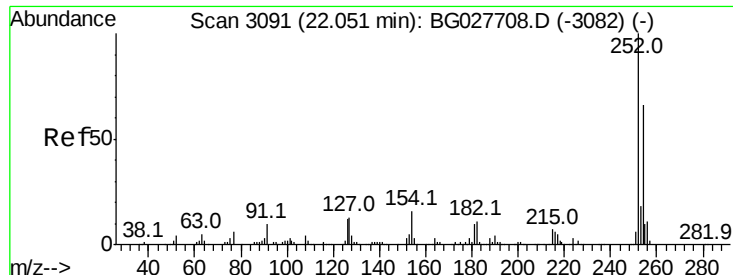
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	63.5	95.3
206	20.2	21.0	31.6



#80
Benzo(a)anthracene
Concen: 34.08 ng
RT: 22.16 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.9	37.3
229	20.0	18.2	27.2

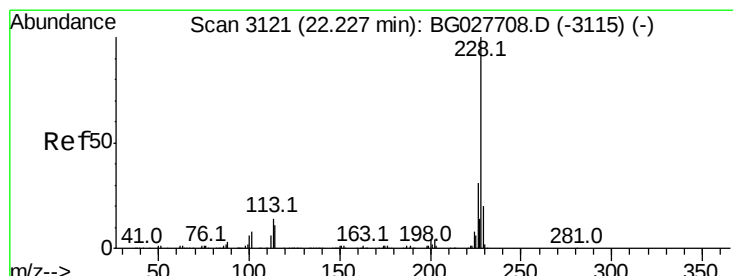
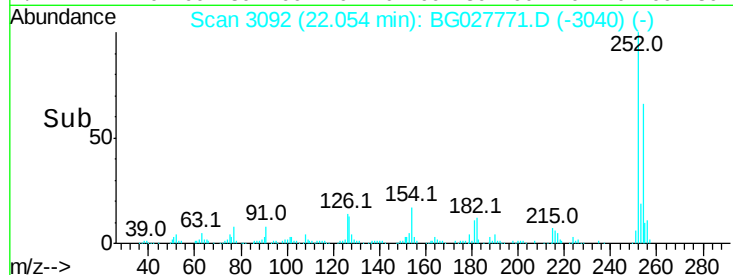
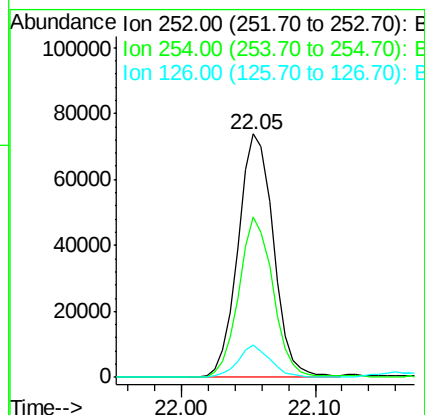
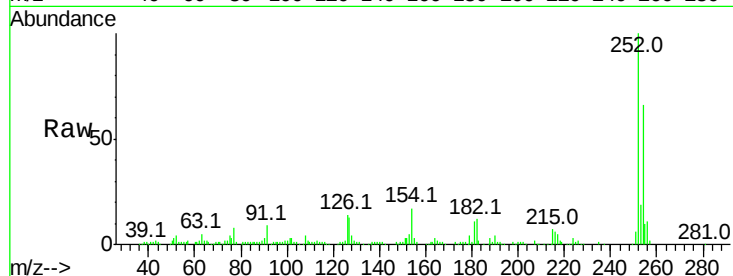




#81
 3,3'-Dichlorobenzidine
 Concen: 22.92 ng
 RT: 22.05 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

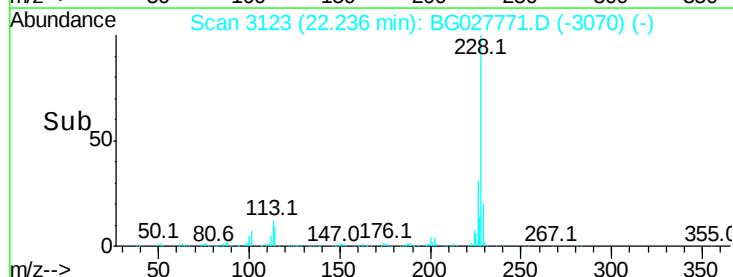
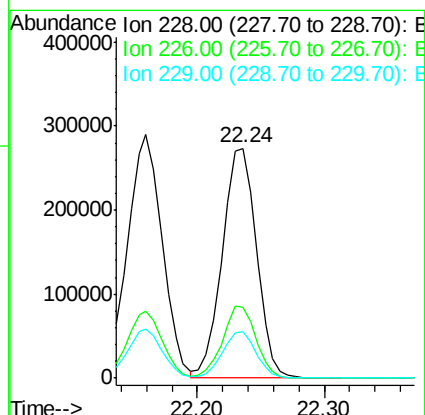
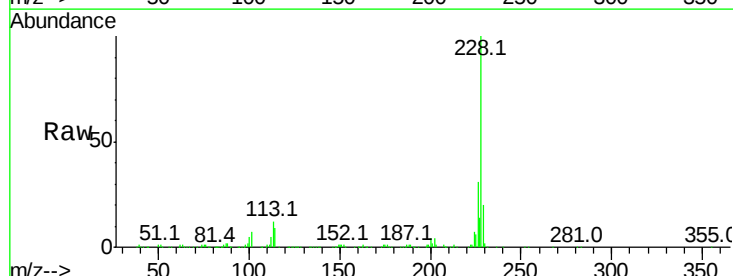
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

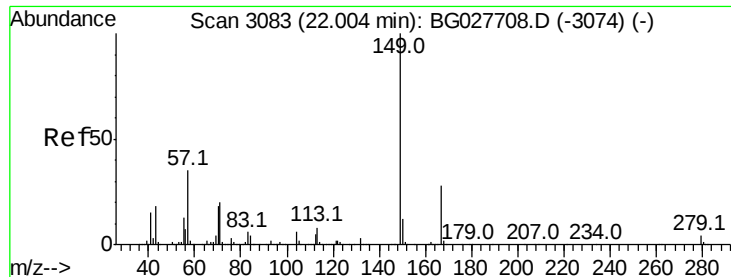
Tot Ion:252 Resp: 135743
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 13.5 7.0 10.4#



#82
 Chrysene
 Concen: 33.33 ng
 RT: 22.24 min Scan# 3123
 Delta R.T. 0.01 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:228 Resp: 509672
 Ion Ratio Lower Upper
 228 100
 226 30.9 27.0 40.4
 229 20.2 17.8 26.6

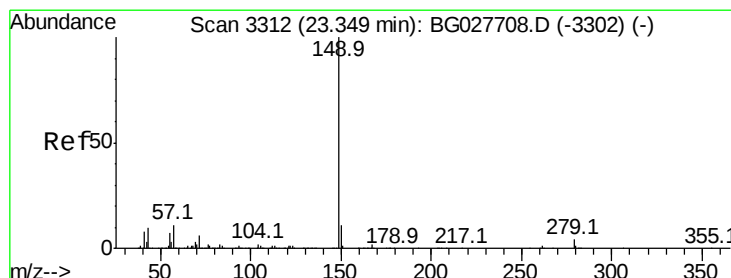
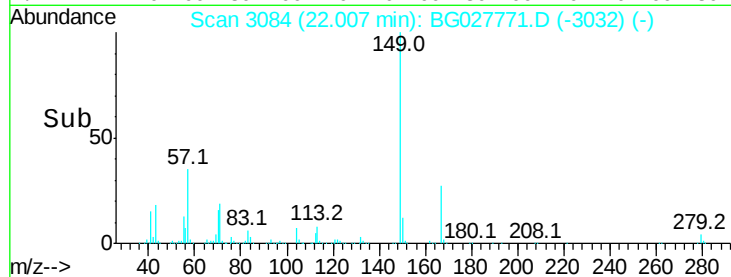
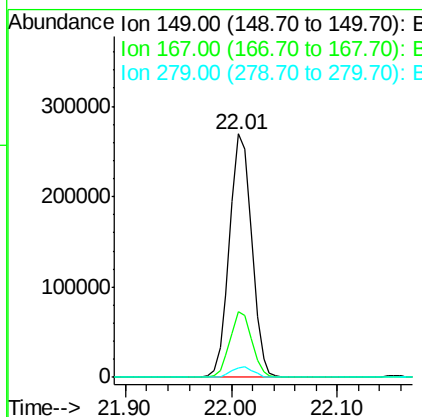
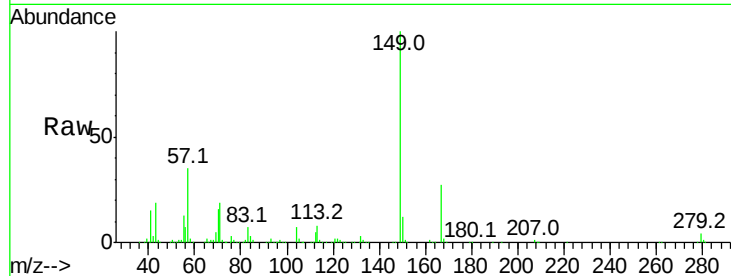




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.10 ng
 RT: 22.01 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

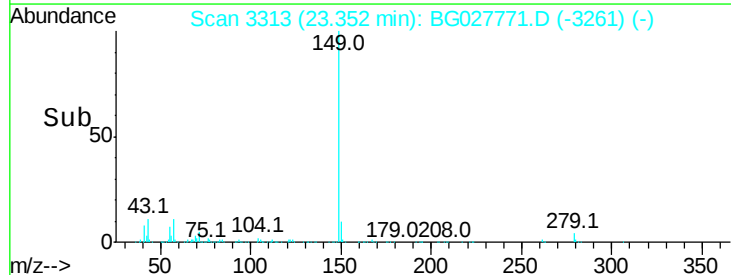
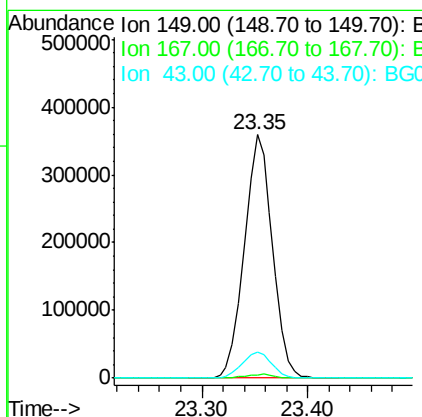
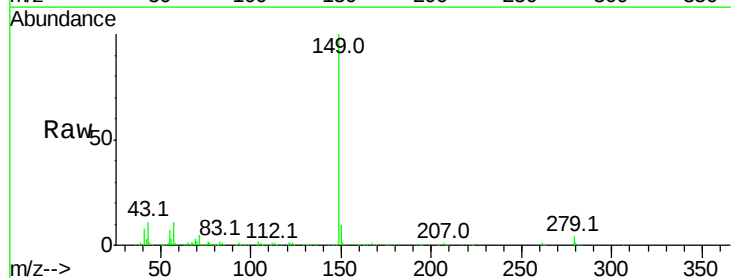
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

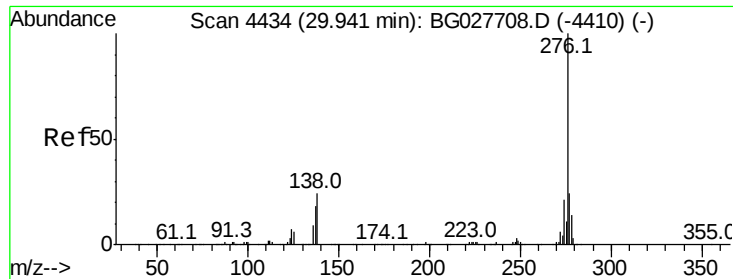
Tot Ion:149 Resp: 391272
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.7 35.5
 279 4.0 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 35.92 ng
 RT: 23.35 min Scan# 3313
 Delta R.T. 0.00 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:149 Resp: 661526
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.4 2.2
 43 11.0 11.8 17.6#

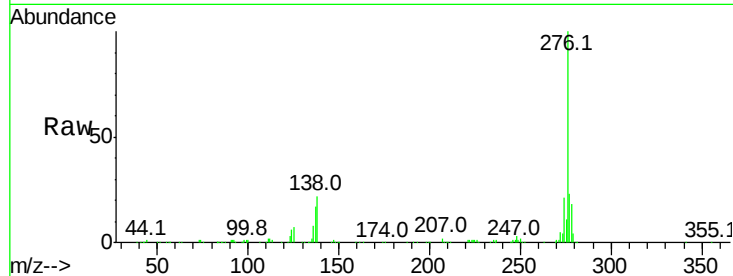




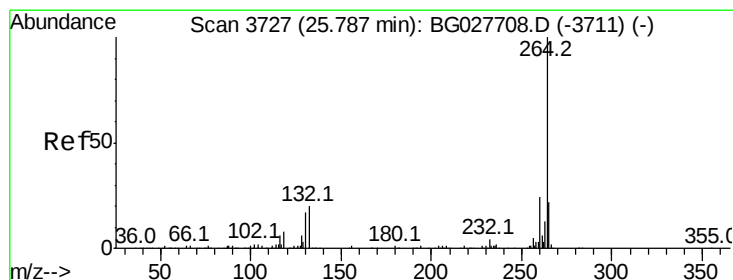
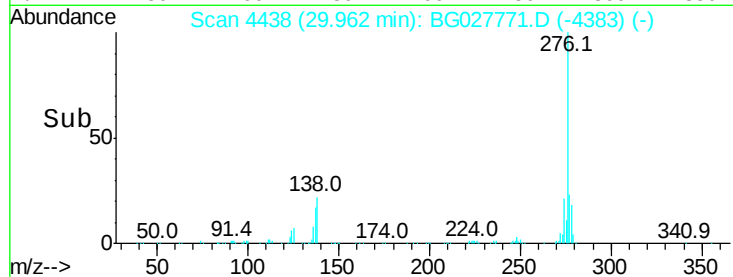
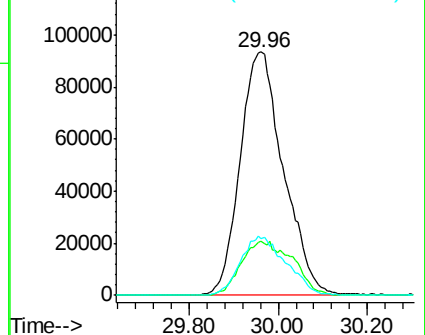
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.94 ng
 RT: 29.96 min Scan# 4438
 Delta R.T. 0.02 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMS

Tot Ion:276 Resp: 628143
 Ion Ratio Lower Upper
 276 100
 138 0.0 4.7 7.1#
 277 25.7 20.6 31.0

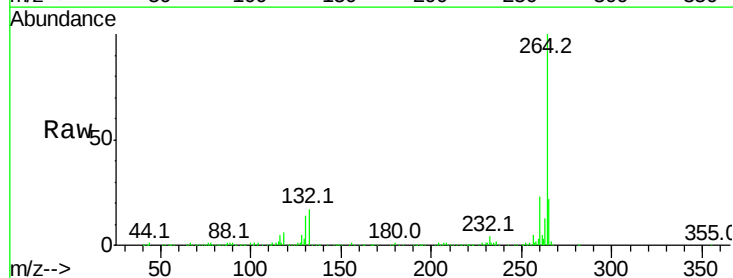


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

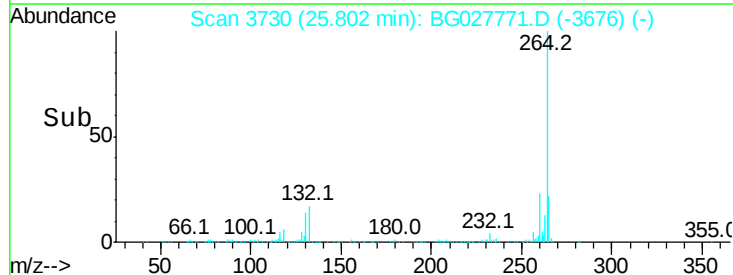
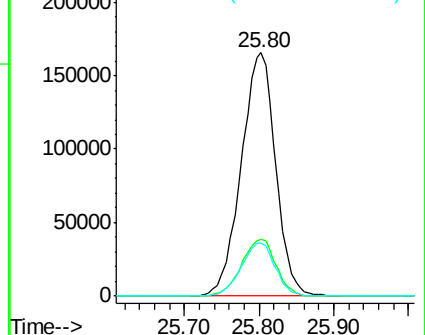


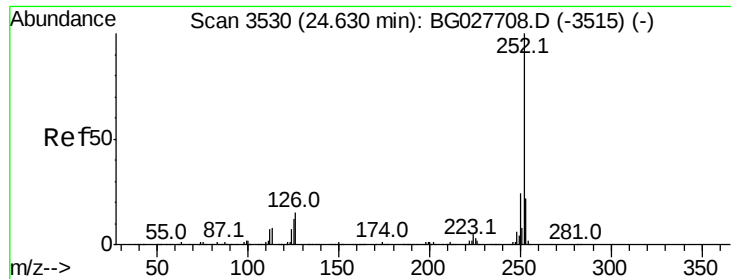
#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. 0.01 min
 Lab File: BG027771.D
 Acq: 1 Jul 2017 2:26

Tgt Ion:264 Resp: 528045
 Ion Ratio Lower Upper
 264 100
 260 23.4 21.8 32.8
 265 21.9 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

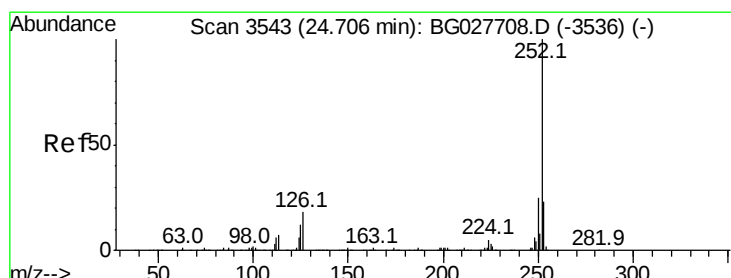
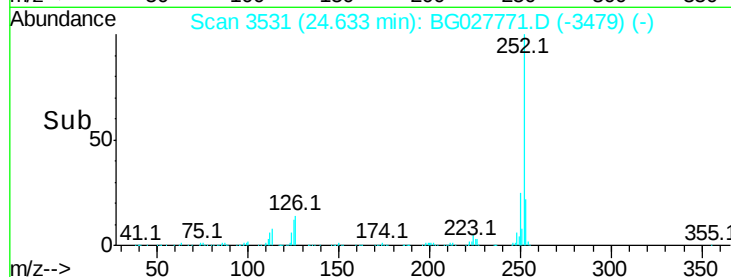
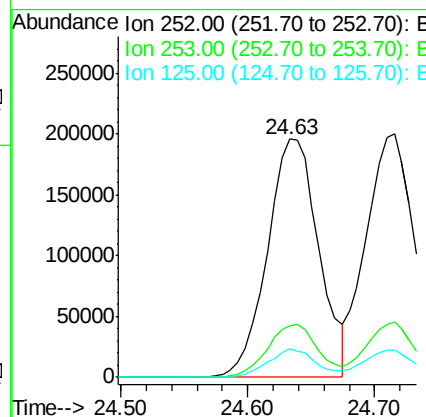
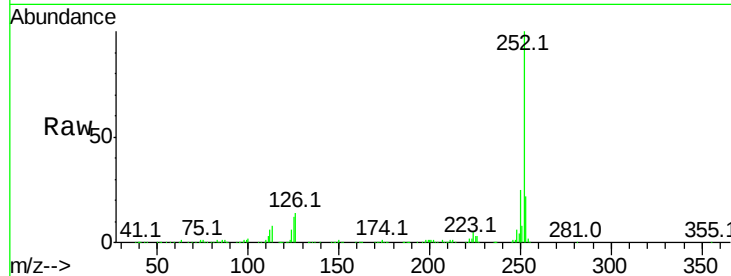




#87
Benzo(b)fluoranthene
Concen: 32.40 ng
RT: 24.63 min Scan# 3531
Delta R.T. 0.00 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

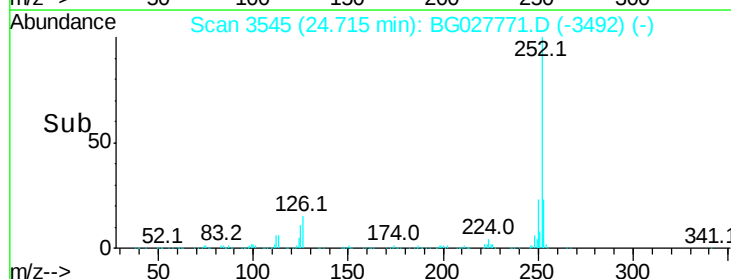
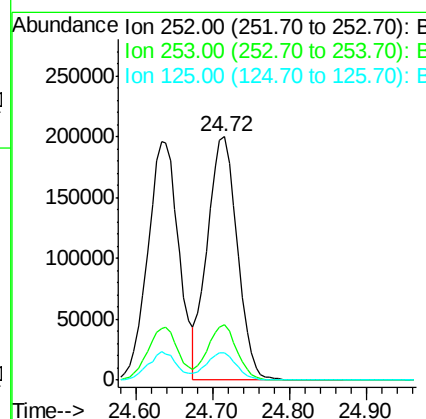
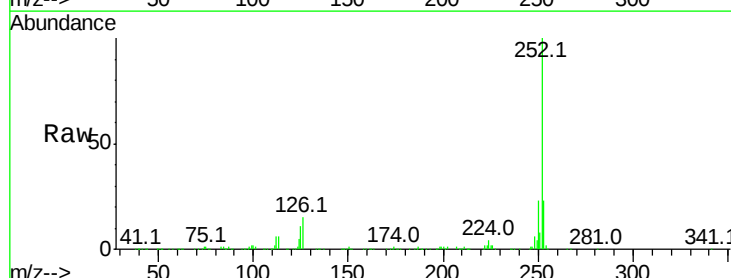
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

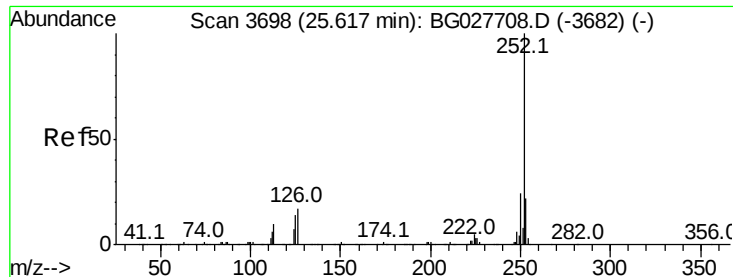
Tot Ion:252 Resp: 551049
Ion Ratio Lower Upper
252 100
253 21.9 18.7 28.1
125 11.9 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 31.92 ng
RT: 24.72 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:252 Resp: 536719
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 11.2 5.1 7.7#

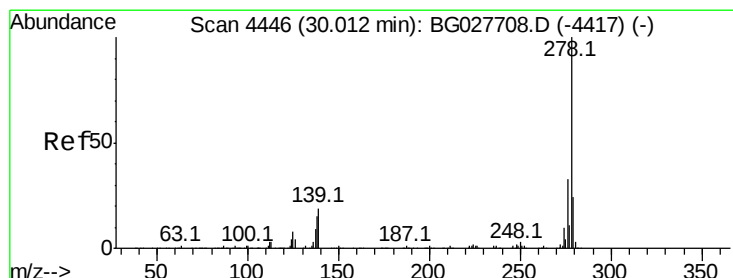
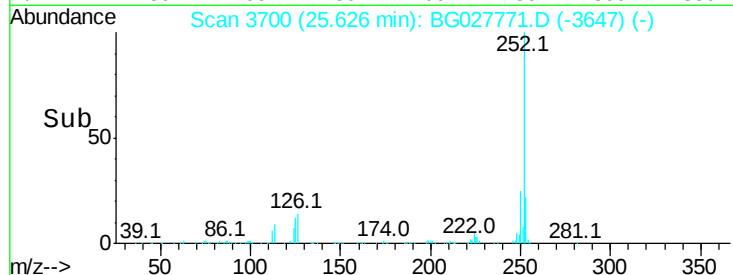
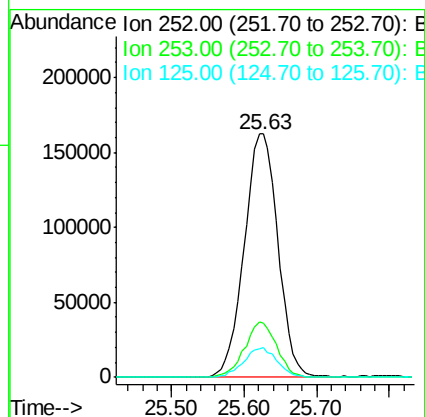
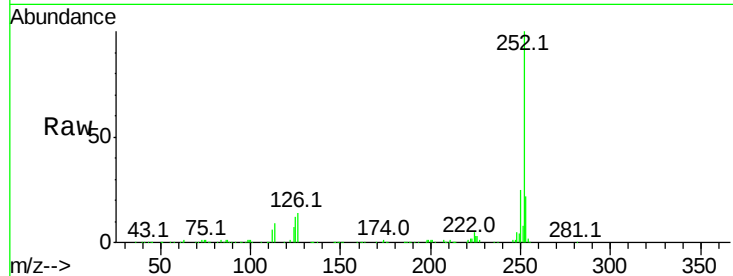




#89
Benzo(a)pyrene
Concen: 32.75 ng
RT: 25.63 min Scan# 3700
Delta R.T. 0.01 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

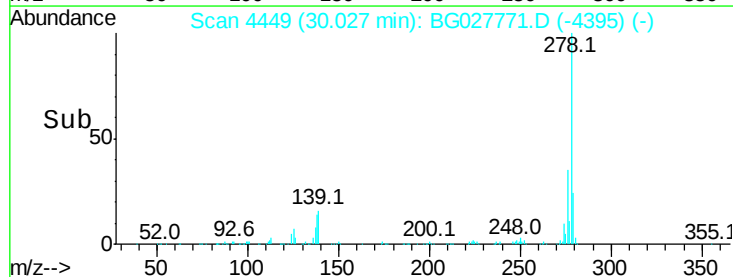
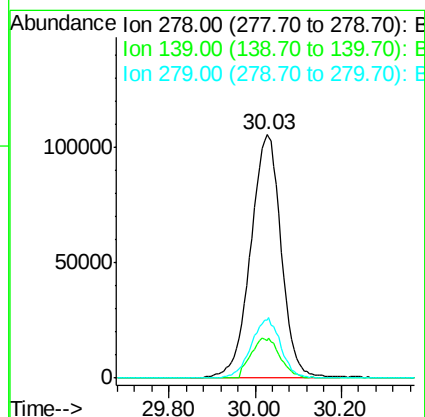
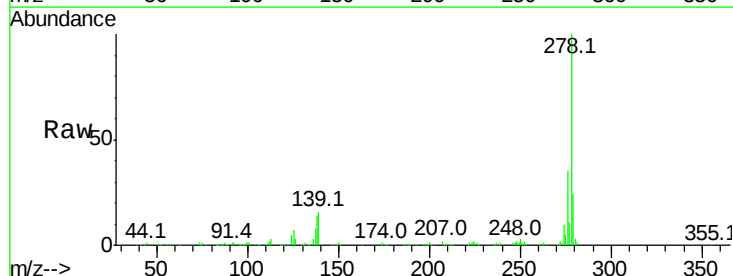
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

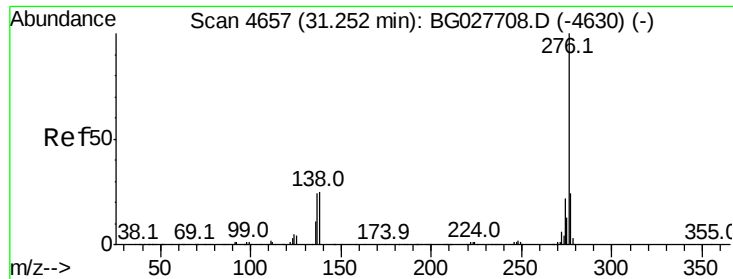
Tot Ion:252 Resp: 522796
Ion Ratio Lower Upper
252 100
253 22.3 19.2 28.8
125 12.1 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 32.99 ng
RT: 30.03 min Scan# 4449
Delta R.T. 0.01 min
Lab File: BG027771.D
Acq: 1 Jul 2017 2:26

Tgt Ion:278 Resp: 533407
Ion Ratio Lower Upper
278 100
139 15.6 7.7 11.5#
279 23.9 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 32.53 ng

RT: 31.26 min Scan# 4659

Delta R.T. 0.01 min

Lab File: BG027771.D

Acq: 1 Jul 2017 2:26

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMS

Tot Ion:276 Resp: 505532

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 22.5 8.1 12.1#

