

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027772.D
 Acq On : 1 Jul 2017 3:06
 Operator : SJ/JU
 Sample : I3956-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Quant Time: Jul 01 05:48:20 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	31582	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	169472	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	116330	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	285274	20.00	ng	0.00
75) Chrysene-d12	22.18	240	293145	20.00	ng	0.00
86) Perylene-d12	25.80	264	281142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.06	112	286169	139.53	ng	0.00
7) Phenol-d6	7.62	99	431920	137.86	ng	0.00
23) Nitrobenzene-d5	9.64	82	260482	85.67	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	241795	151.54	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	656275	80.57	ng	0.00
78) Terphenyl-d14	20.40	244	1054973	84.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.04	88	20883	27.35	ng	93
3) Pyridine	4.43	79	67187	28.58	ng	91
4) n-Nitrosodimethylamine	4.34	42	40956	35.52	ng	# 74
6) Aniline	7.80	93	126133	34.73	ng	96
8) 2-Chlorophenol	8.05	128	108042	47.14	ng	91
9) Benzaldehyde	7.62	77	47227	25.33	ng	85
10) Phenol	7.65	94	151896	49.00	ng	85
11) bis(2-Chloroethyl)ether	7.89	93	92589	39.32	ng	96
12) 1,3-Dichlorobenzene	8.37	146	98629	40.46	ng	# 92
13) 1,4-Dichlorobenzene	8.52	146	101300	40.10	ng	96
14) 1,2-Dichlorobenzene	8.84	146	99506	40.63	ng	92
15) Benzyl Alcohol	8.70	79	96372	44.46	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	208068	41.43	ng	97
17) 2-Methylphenol	8.90	107	100679	45.91	ng	# 87
18) Hexachloroethane	9.57	117	35635	40.11	ng	# 81
19) n-Nitroso-di-n-propylamine	9.27	70	91983	40.35	ng	96
20) 3+4-Methylphenols	9.22	107	142379	45.02	ng	86
22) Acetophenone	9.30	105	165419	40.45	ng	# 89
24) Nitrobenzene	9.69	77	126832	39.90	ng	# 86
25) Isophorone	10.20	82	265767	40.10	ng	# 94
26) 2-Nitrophenol	10.40	139	63209	44.02	ng	# 82
27) 2,4-Dimethylphenol	10.44	122	122721	45.64	ng	94
28) bis(2-Chloroethoxy)methane	10.67	93	147091	39.15	ng	97
29) 2,4-Dichlorophenol	10.93	162	113093	47.99	ng	98
30) 1,2,4-Trichlorobenzene	11.15	180	101600	42.27	ng	96
31) Naphthalene	11.35	128	362885	40.26	ng	98
32) Benzoic acid	10.54	122	19819	18.69	ng	# 80
33) 4-Chloroaniline	11.45	127	56204	14.44	ng	# 89
34) Hexachlorobutadiene	11.62	225	57225	42.73	ng	96
35) Caprolactam	12.22	113	49907m	42.10	ng	
36) 4-Chloro-3-methylphenol	12.53	107	155343	46.84	ng	92
37) 2-Methylnaphthalene	12.92	142	281803	41.98	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	128977	42.19	ng	98
40) Hexachlorocyclopentadiene	13.25	237	155625	107.98	ng	97

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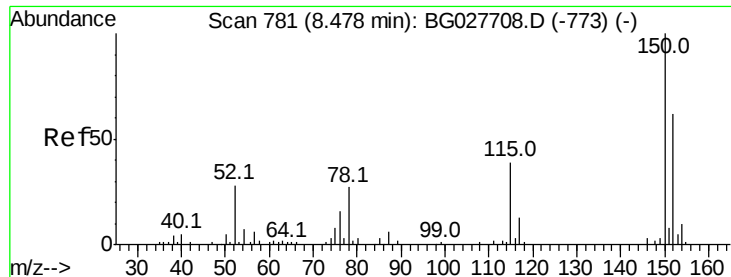
Instrument :
 BNA_G
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Quant Time: Jul 01 05:48:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.51	196	100161	45.37	nq	94
43) 2,4,5-Trichlorophenol	13.58	196	114057	45.59	nq #	93
45) 1,1'-Biphenyl	13.90	154	383445	41.12	nq	98
46) 2-Chloronaphthalene	13.96	162	287620	40.83	nq	98
47) 2-Nitroaniline	14.15	65	122779	43.55	nq #	88
48) Acenaphthylene	14.80	152	504816	39.22	nq	97
49) Dimethylphthalate	14.51	163	526270	53.03	nq	96
50) 2,6-Dinitrotoluene	14.63	165	93439	43.31	nq	83
51) Acenaphthene	15.13	154	314741	38.15	nq	96
52) 3-Nitroaniline	14.97	138	67329	26.53	nq #	81
53) 2,4-Dinitrophenol	15.17	184	91419	77.52	nq	93
54) Dibenzofuran	15.46	168	473999	43.45	nq	98
55) 4-Nitrophenol	15.26	139	169247	87.36	nq #	61
56) 2,4-Dinitrotoluene	15.42	165	135131	44.91	nq #	88
57) Fluorene	16.11	166	420827	39.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	106128m	49.21	nq	
59) Diethylphthalate	15.86	149	468752	42.66	nq	95
60) 4-Chlorophenyl-phenylether	16.09	204	197415	42.17	nq	94
61) 4-Nitroaniline	16.14	138	111648	42.23	nq #	65
62) Azobenzene	16.38	77	421364	43.64	nq	94
64) 4,6-Dinitro-2-methylphenol	16.18	198	75383	43.06	nq	86
65) n-Nitrosodiphenylamine	16.31	169	384061	41.39	nq	99
66) 4-Bromophenyl-phenylether	16.99	248	132805	44.51	nq	94
67) Hexachlorobenzene	17.12	284	136443	43.18	nq	97
68) Atrazine	17.25	200	132616	45.26	nq	97
69) Pentachlorophenol	17.46	266	166658	82.41	nq	99
70) Phenanthrene	17.86	178	669054	40.63	nq	94
71) Anthracene	17.95	178	671212	40.36	nq	97
72) Carbazole	18.22	167	610923	37.30	nq	97
73) Di-n-butylphthalate	18.74	149	765662	42.54	nq #	93
74) Fluoranthene	19.85	202	728310	40.46	nq	92
76) Benzidine	20.02	184	213215	31.72	nq	98
77) Pyrene	20.21	202	746039	40.55	nq	96
79) Butylbenzylphthalate	21.09	149	352515	42.55	nq #	88
80) Benzo(a)anthracene	22.16	228	716414	40.42	nq	95
81) 3,3'-Dichlorobenzidine	22.06	252	154439	24.01	nq	98
82) Chrysene	22.23	228	658679	39.65	nq	96
83) Bis(2-ethylhexyl)phthalate	22.01	149	507358	41.90	nq #	97
84) Di-n-octyl phthalate	23.36	149	858131	42.90	nq #	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	823309	43.36	nq #	95
87) Benzo(b)fluoranthene	24.64	252	723007	39.92	nq #	96
88) Benzo(k)fluoranthene	24.72	252	697017	38.93	nq #	93
89) Benzo(a)pyrene	25.62	252	688427	40.51	nq #	93
90) Dibenzo(a,h)anthracene	30.03	278	703751	40.87	nq #	95
91) Benzo(g,h,i)perylene	31.27	276	662581	40.04	nq #	90

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

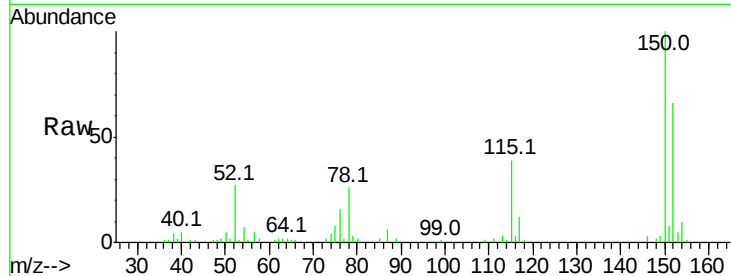


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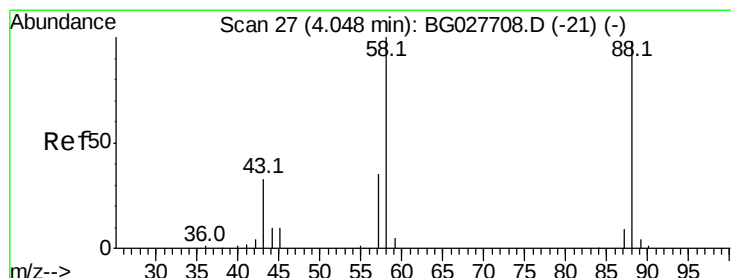
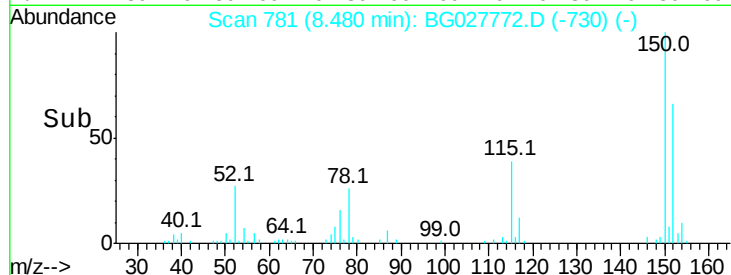
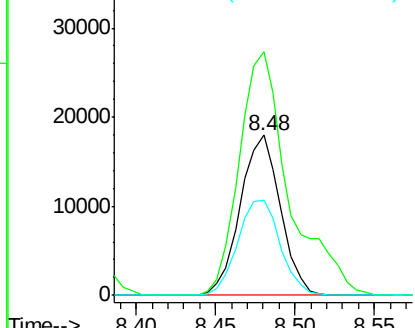
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:152 Resp: 31582
Ion Ratio Lower Upper
152 100
150 152.4 114.0 171.0
115 59.8 48.1 72.1



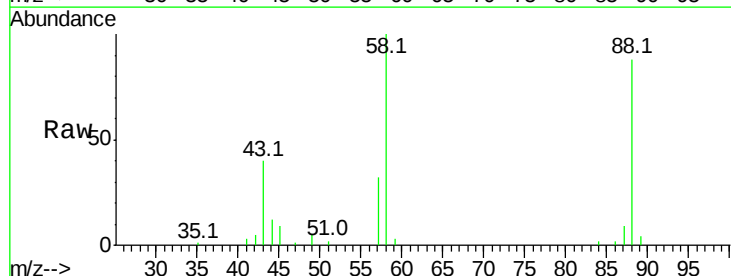
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



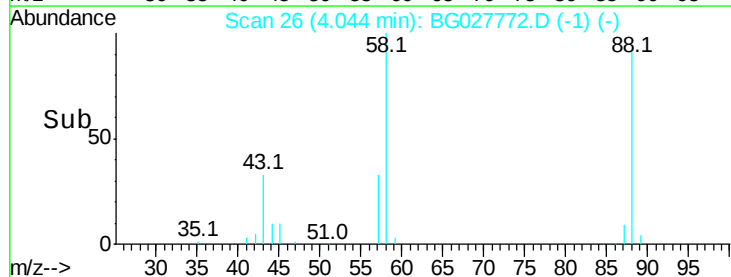
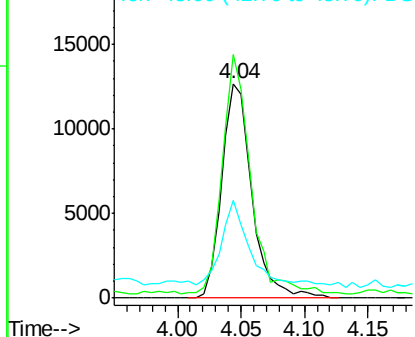
#2

1,4-Dioxane
Concen: 27.35 ng
RT: 4.04 min Scan# 26
Delta R.T. -0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion: 88 Resp: 20883
Ion Ratio Lower Upper
88 100
58 104.5 79.4 119.2
43 34.3 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: 28.58 ng

RT: 4.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

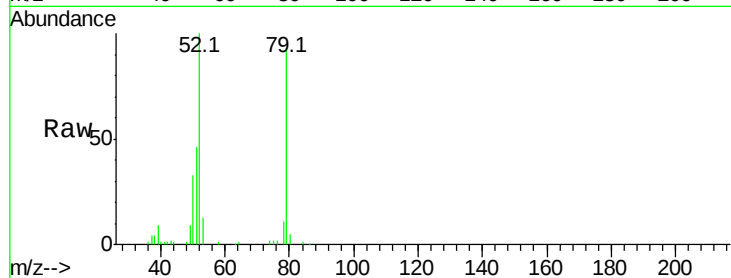
Tot Ion: 79 Resp: 67187

Ion Ratio Lower Upper

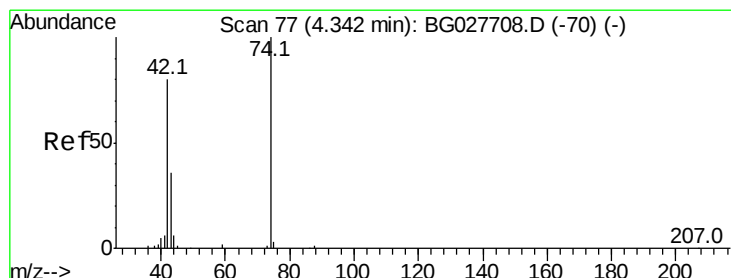
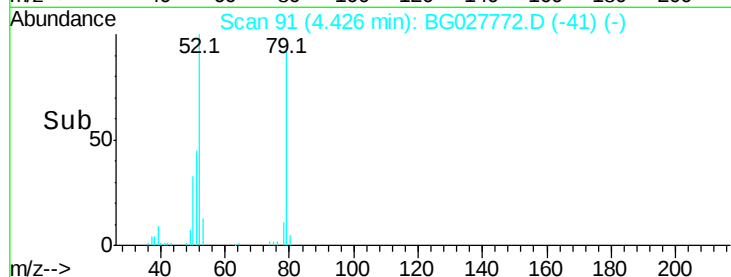
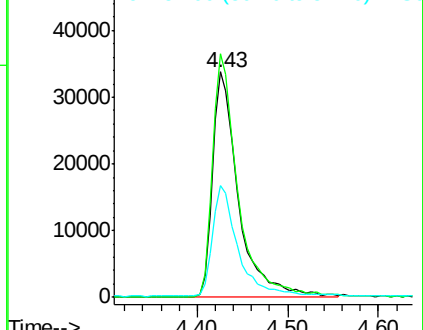
79 100

52 108.1 77.8 116.6

51 49.3 43.2 64.8



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



#4

n-Nitrosodimethylamine

Concen: 35.52 ng

RT: 4.34 min Scan# 76

Delta R.T. -0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

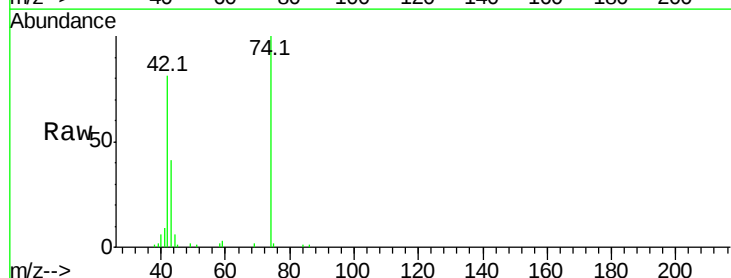
Tgt Ion: 42 Resp: 40956

Ion Ratio Lower Upper

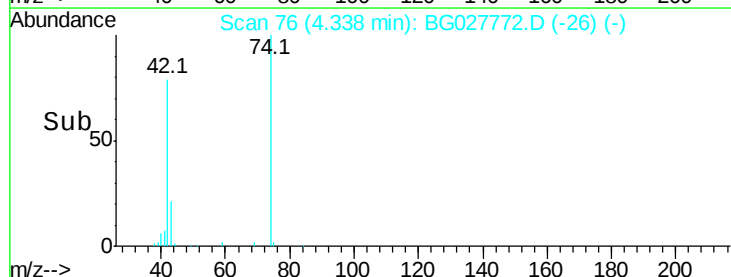
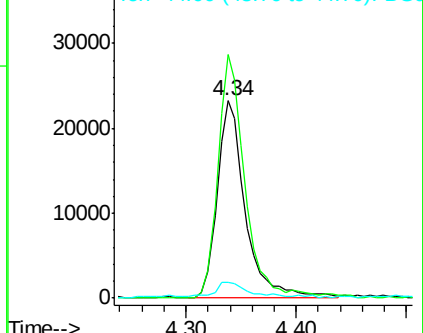
42 100

74 123.4 76.7 115.1#

44 8.0 6.1 9.1



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





#5

2-Fluorophenol

Concen: 139.53 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

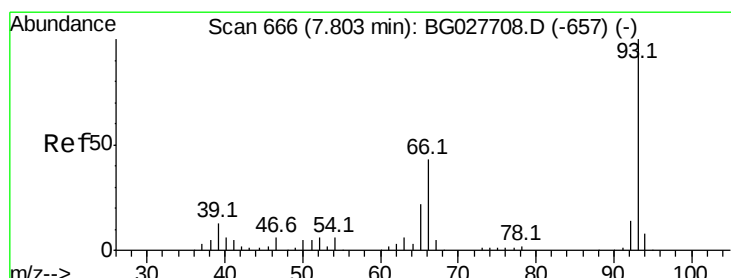
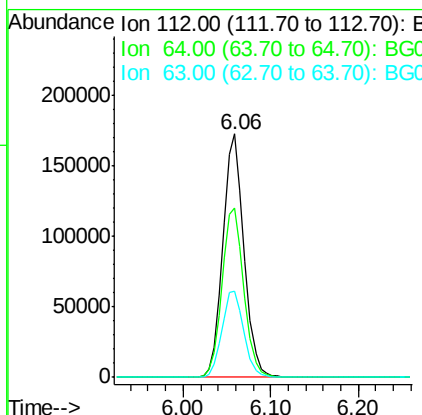
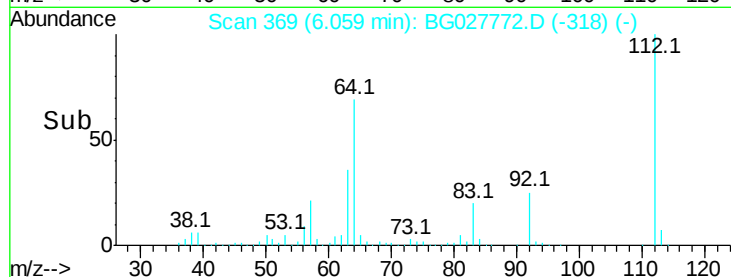
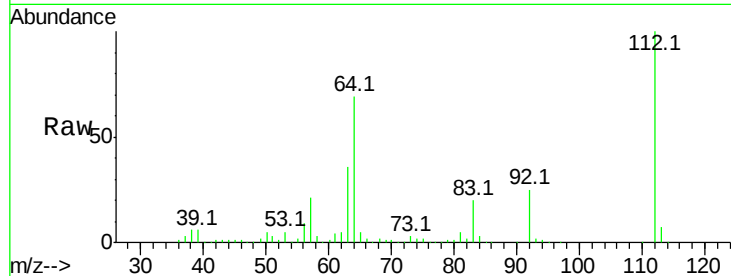
Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

Tot Ion:	112	Resp:	286169
Ion Ratio	Lower	Upper	
112	100		
64	69.5	61.8	92.6
63	35.6	37.2	55.8#



#6

Aniline

Concen: 34.73 ng

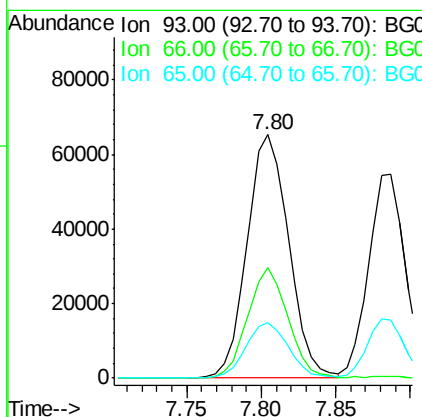
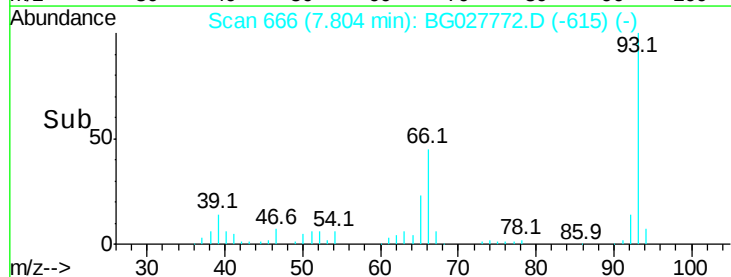
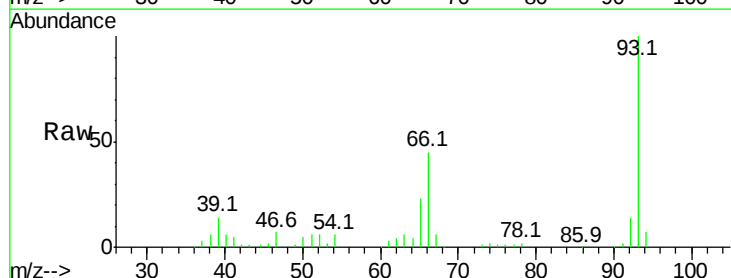
RT: 7.80 min Scan# 666

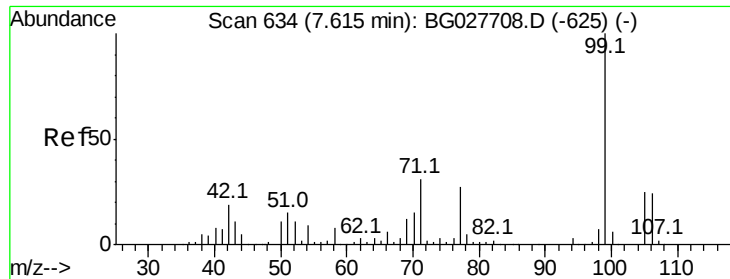
Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Tgt Ion:	93	Resp:	126133
Ion Ratio	Lower	Upper	
93	100		
66	45.3	35.4	53.2
65	23.0	21.2	31.8





#7

Phenol-d6

Concen: 137.86 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

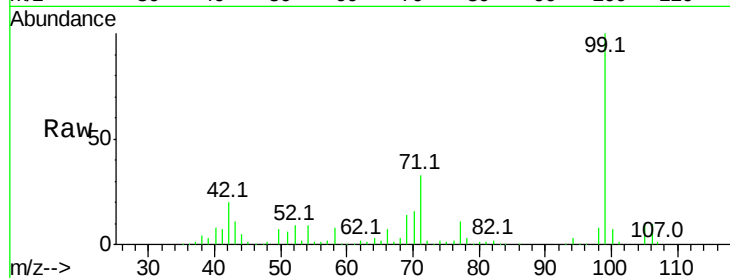
Tot Ion: 99 Resp: 431920

Ion Ratio Lower Upper

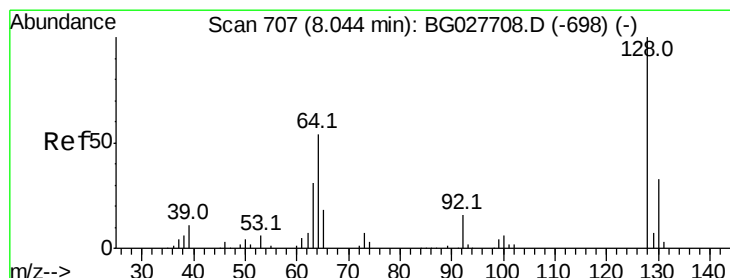
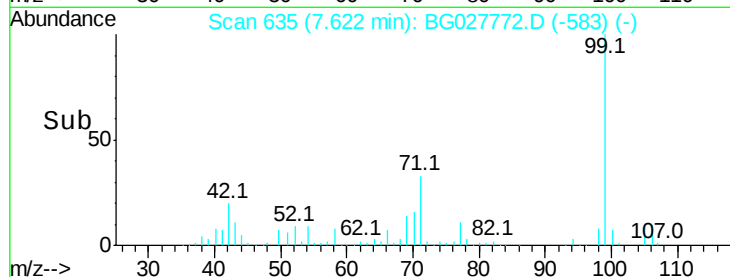
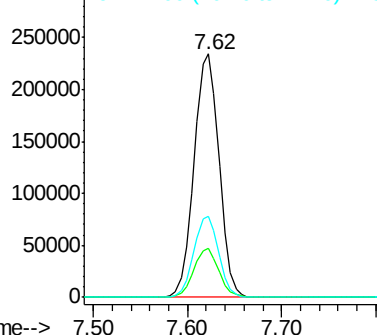
99 100

42 20.0 20.5 30.7#

71 33.2 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 47.14 ng

RT: 8.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

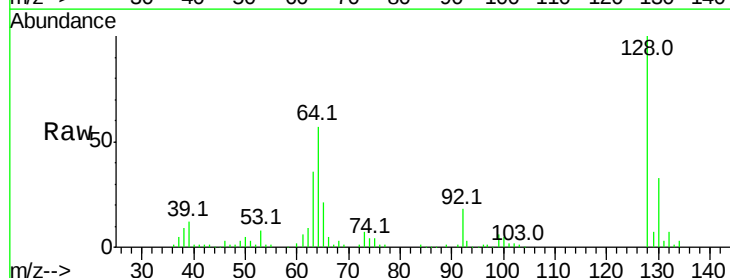
Tgt Ion: 128 Resp: 108042

Ion Ratio Lower Upper

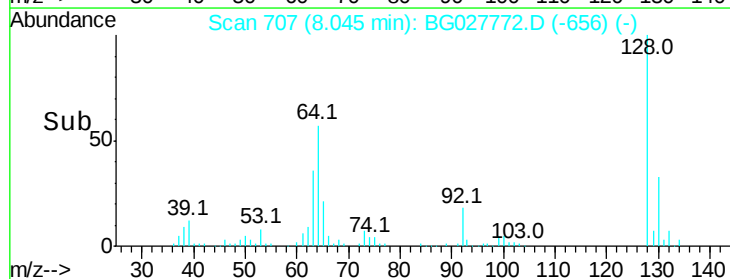
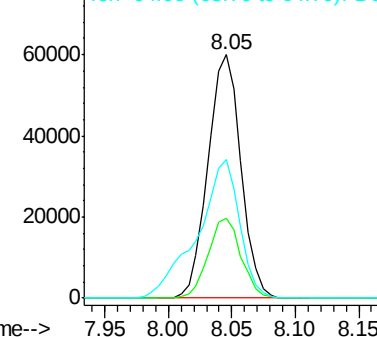
128 100

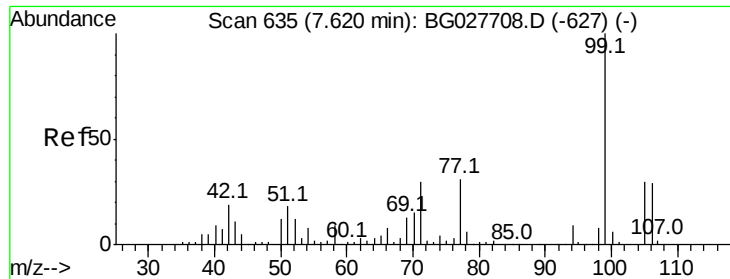
130 32.7 11.4 51.4

64 56.9 46.6 86.6



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





#9

Benzaldehyde

Concen: 25.33 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

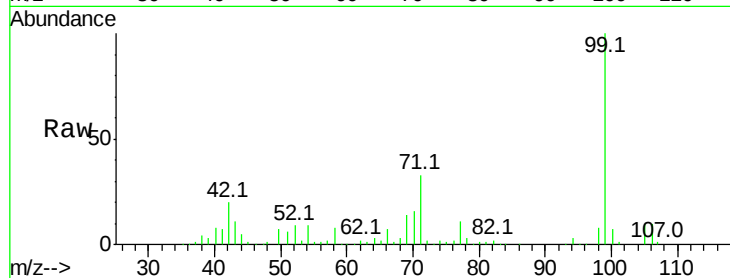
Tot Ion: 77 Resp: 47227

Ion Ratio Lower Upper

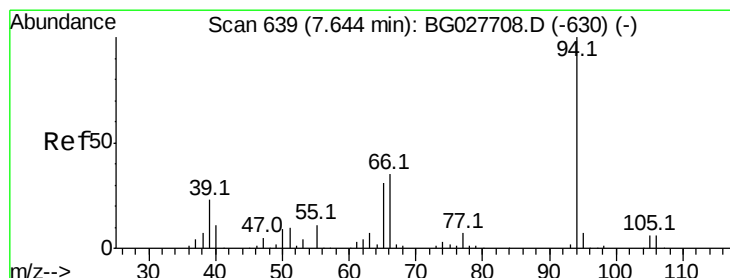
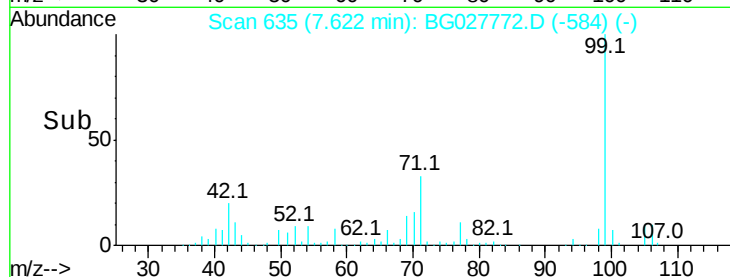
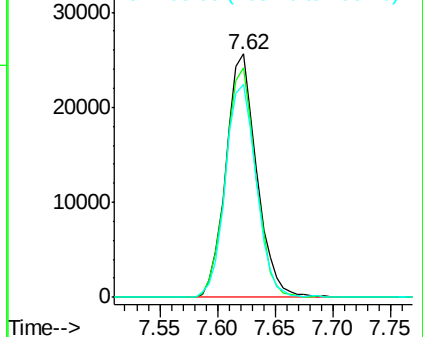
77 100

105 94.3 60.9 100.9

106 87.6 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: 49.00 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

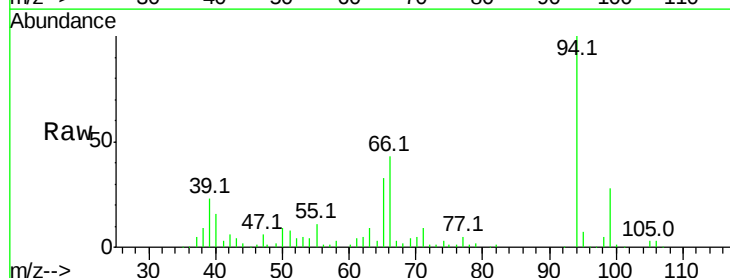
Tgt Ion: 94 Resp: 151896

Ion Ratio Lower Upper

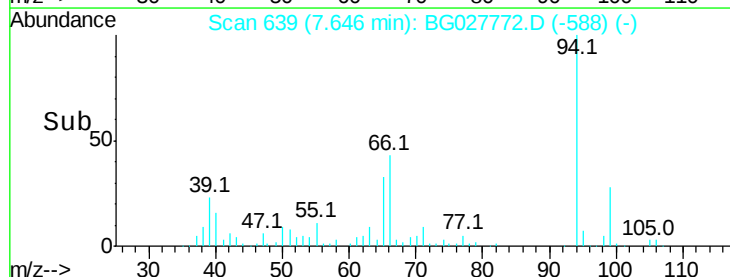
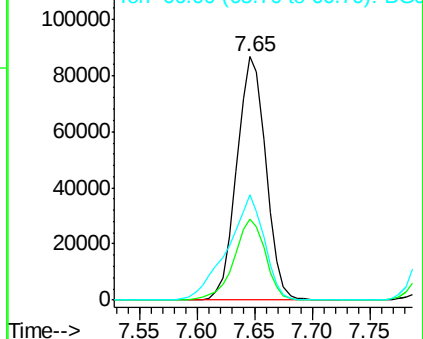
94 100

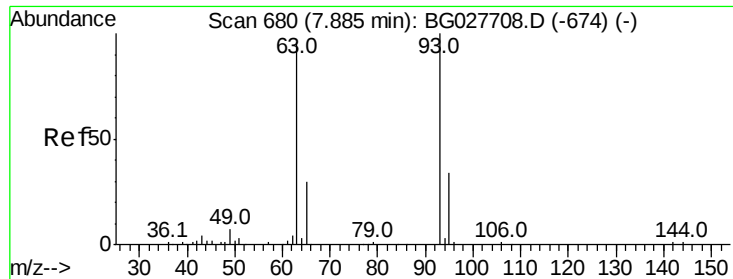
65 33.2 20.6 60.6

66 43.2 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: 39.32 ng

RT: 7.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

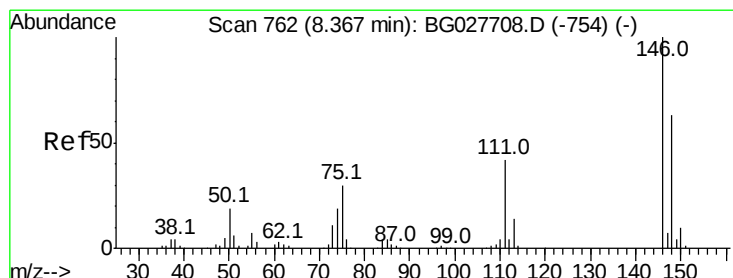
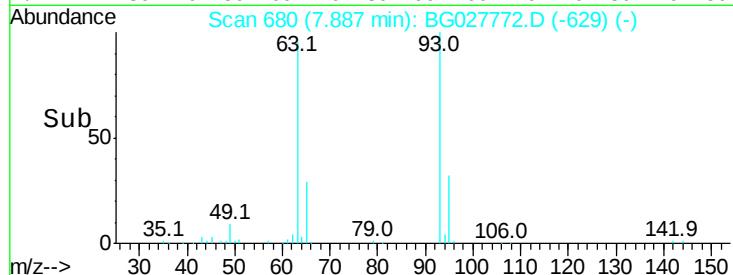
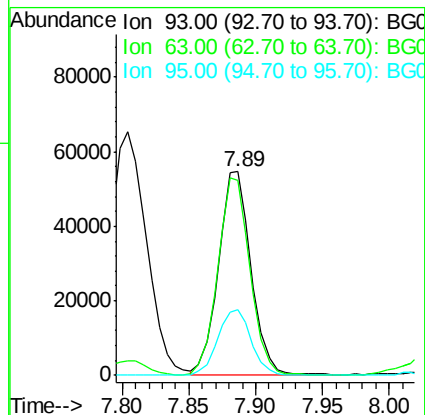
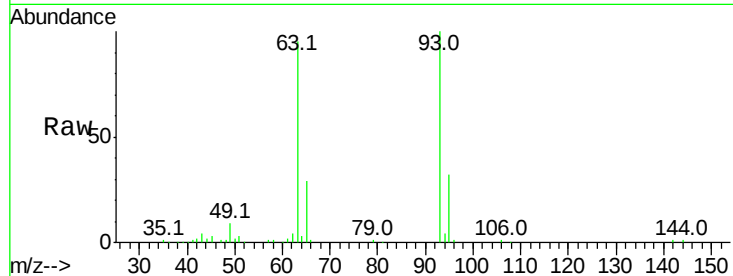
Tot Ion: 93 Resp: 92589

Ion Ratio Lower Upper

93 100

63 95.4 78.5 118.5

95 32.4 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 40.46 ng

RT: 8.37 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

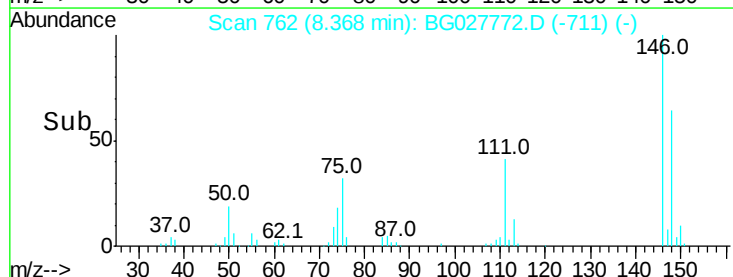
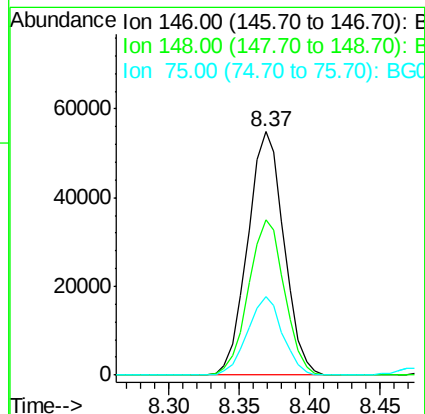
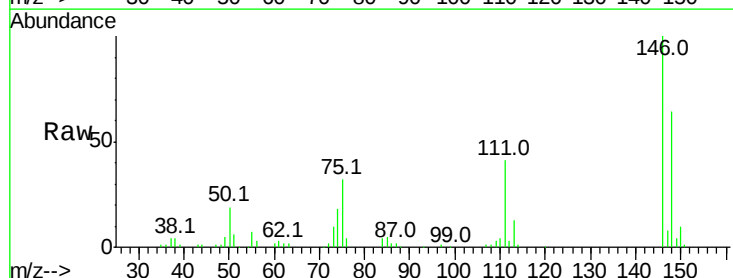
Tgt Ion:146 Resp: 98629

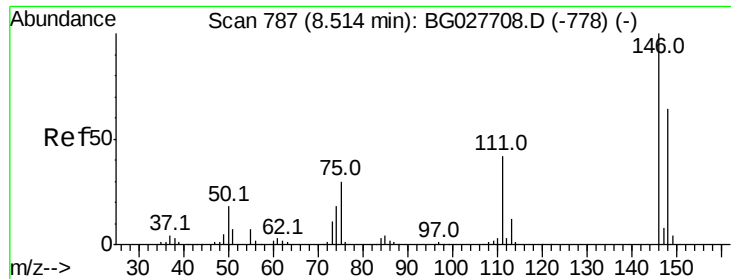
Ion Ratio Lower Upper

146 100

148 64.0 49.2 73.8

75 32.1 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 40.10 ng

RT: 8.52 min Scan# 787

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

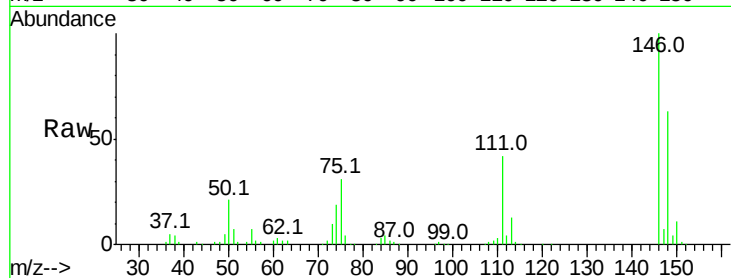
Tot Ion:146 Resp: 101300

Ion Ratio Lower Upper

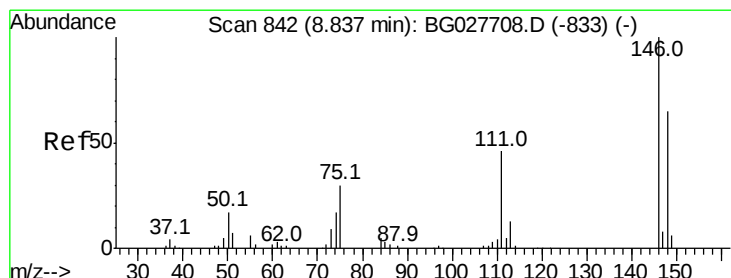
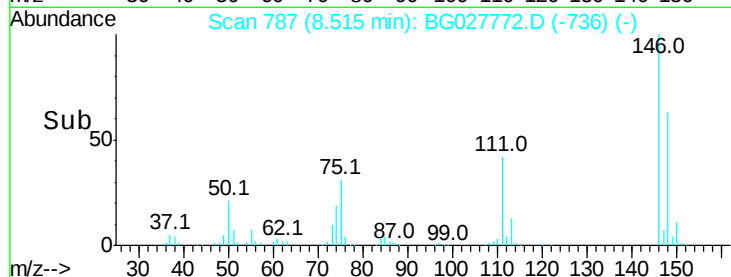
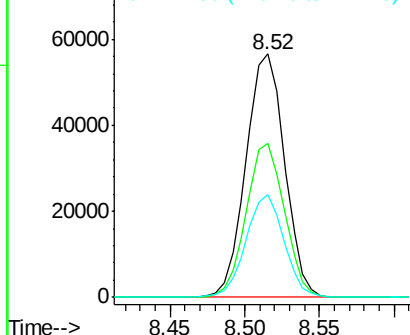
146 100

148 63.1 52.2 78.2

111 42.0 37.0 55.6



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



#14

1,2-Dichlorobenzene

Concen: 40.63 ng

RT: 8.84 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

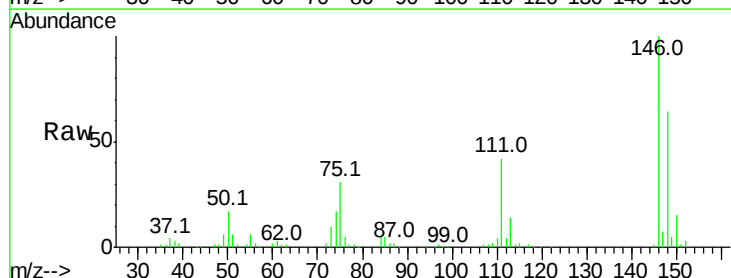
Tgt Ion:146 Resp: 99506

Ion Ratio Lower Upper

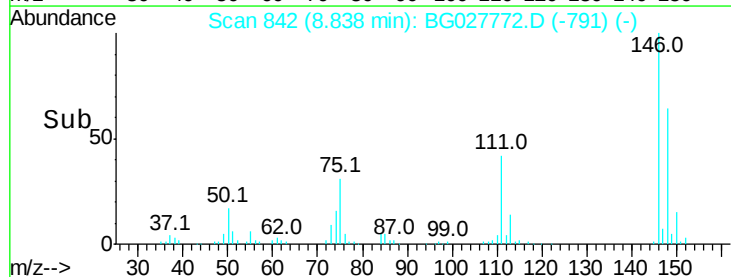
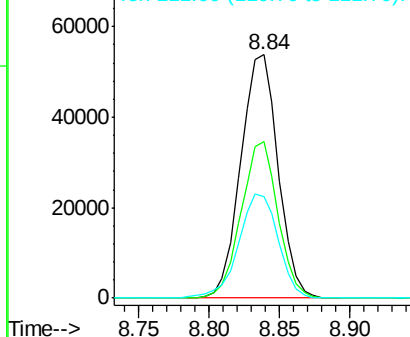
146 100

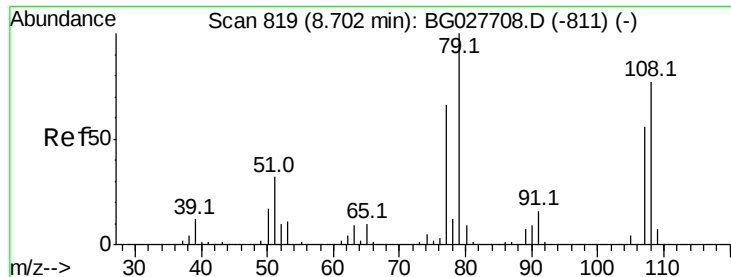
148 64.1 54.6 81.8

111 41.7 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 44.46 ng

RT: 8.70 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

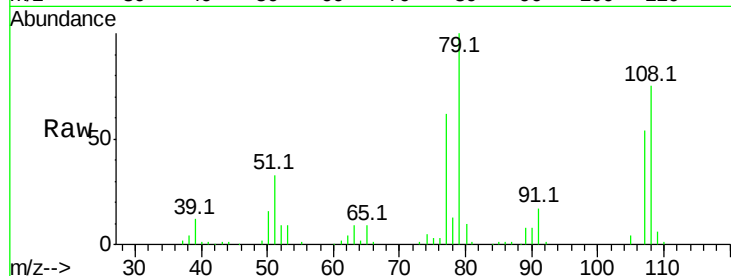
Tot Ion: 79 Resp: 96372

Ion Ratio Lower Upper

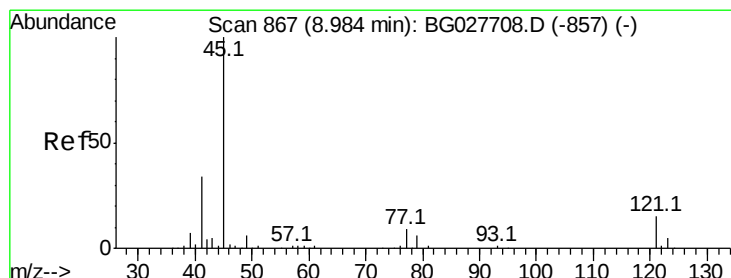
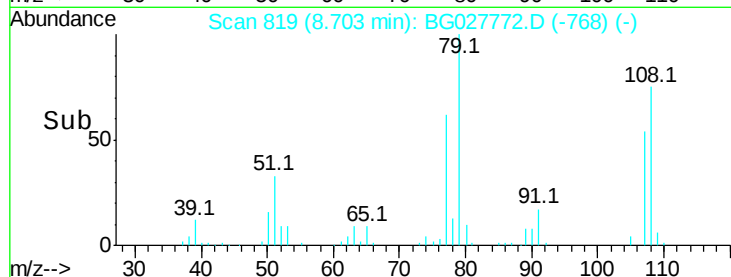
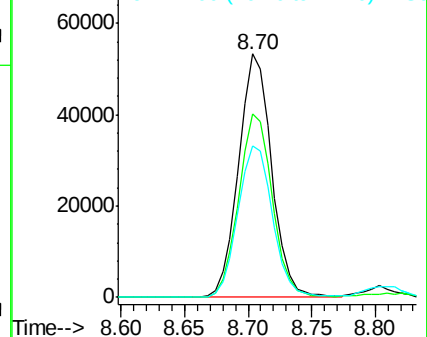
79 100

108 75.3 45.5 68.3#

77 62.3 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: 41.43 ng

RT: 8.99 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

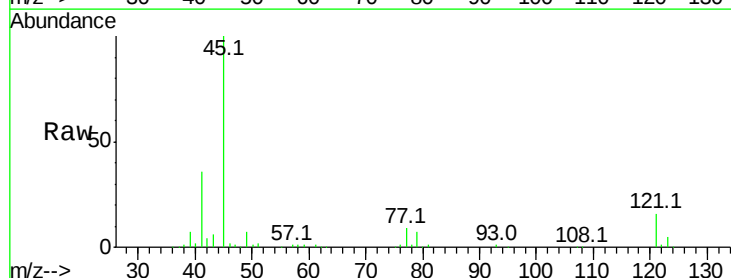
Tgt Ion: 45 Resp: 208068

Ion Ratio Lower Upper

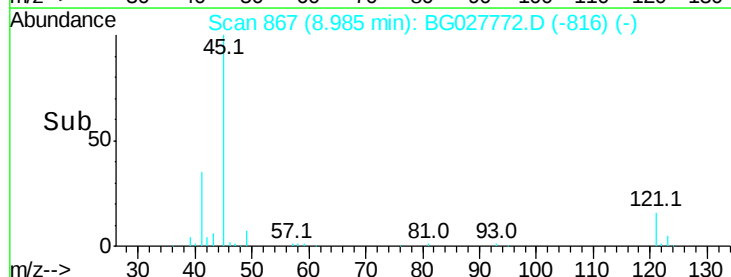
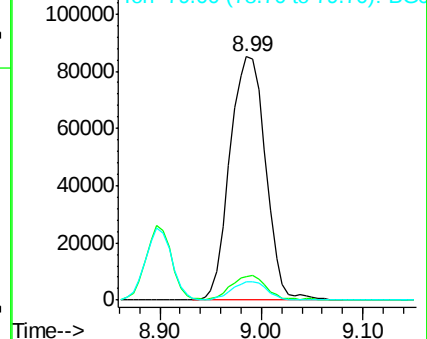
45 100

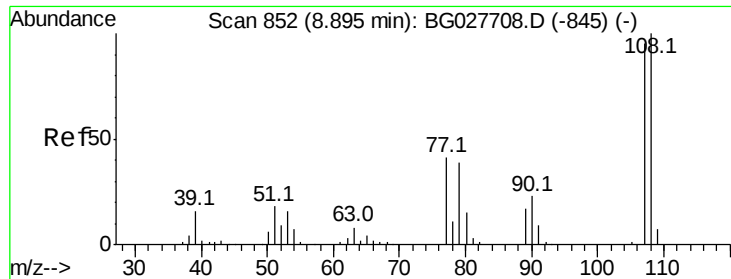
77 9.5 0.0 30.6

79 7.4 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

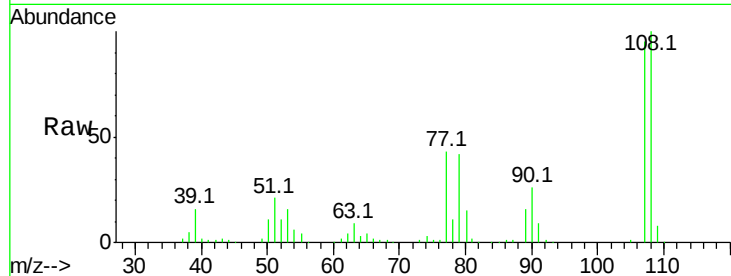




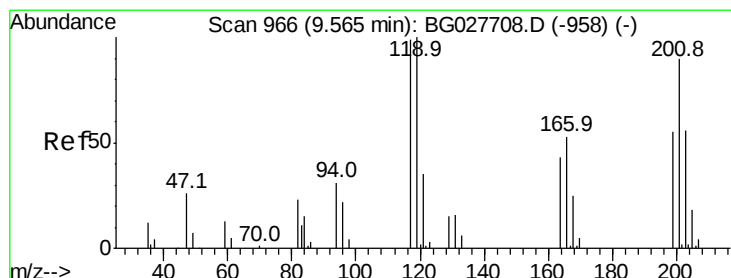
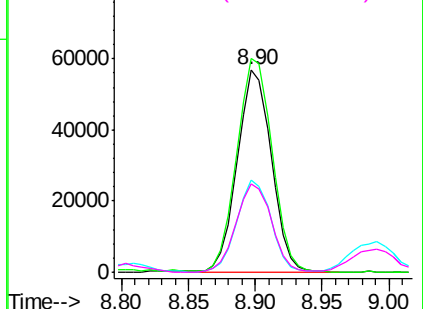
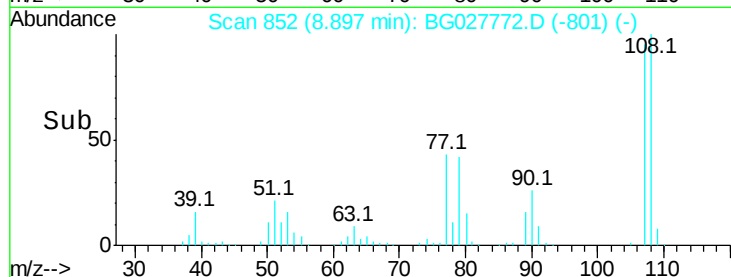
#17
2-Methylphenol
Concen: 45.91 ng
RT: 8.90 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:107 Resp: 100679
Ion Ratio Lower Upper
107 100
108 105.3 85.6 128.4
77 45.4 51.4 77.2#
79 43.8 49.2 73.8#

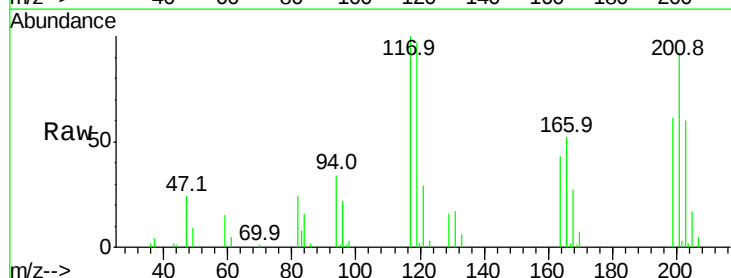


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

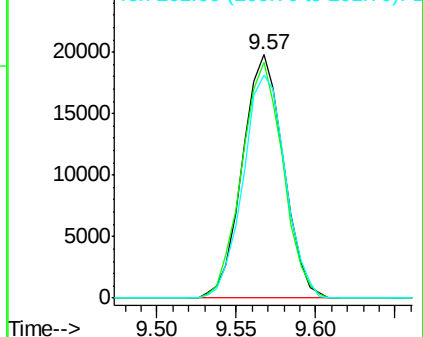
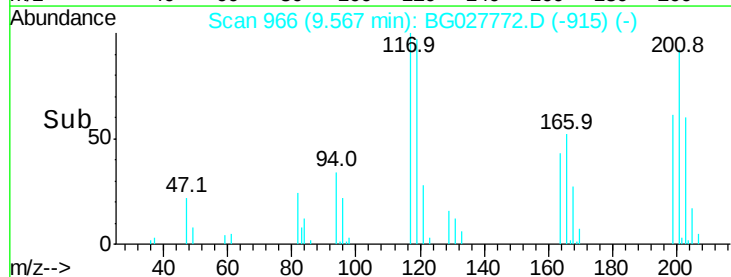


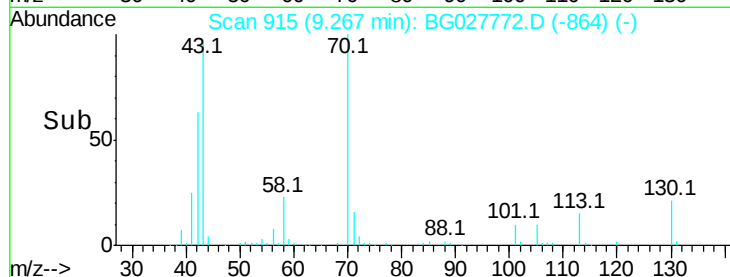
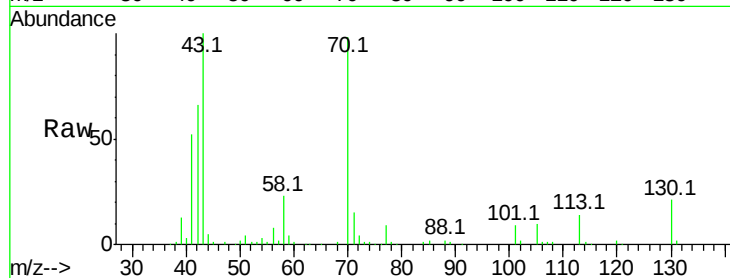
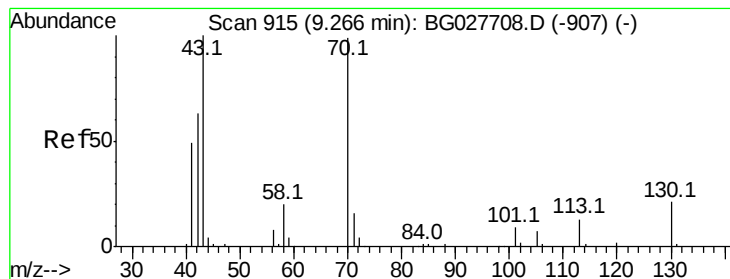
#18
Hexachloroethane
Concen: 40.11 ng
RT: 9.57 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:117 Resp: 35635
Ion Ratio Lower Upper
117 100
119 96.8 69.8 104.6
201 91.7 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: 40.35 ng

RT: 9.27 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

Tot Ion: 70 Resp: 91983

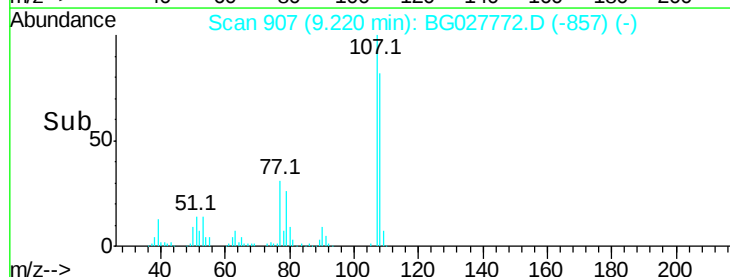
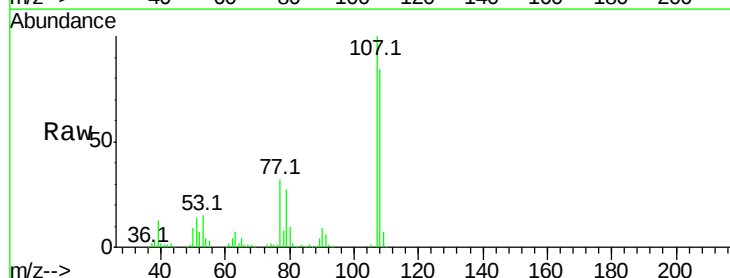
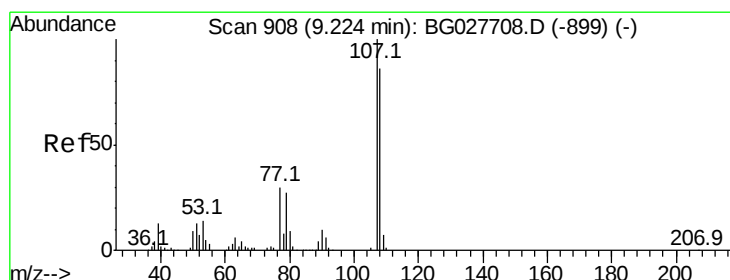
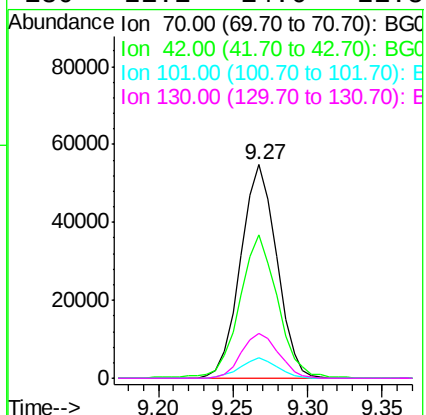
Ion Ratio Lower Upper

70 100

42 67.1 56.1 84.1

101 9.5 7.5 11.3

130 21.1 14.6 21.8



#20

3+4-Methylphenols

Concen: 45.02 ng

RT: 9.22 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Tgt Ion: 107 Resp: 142379

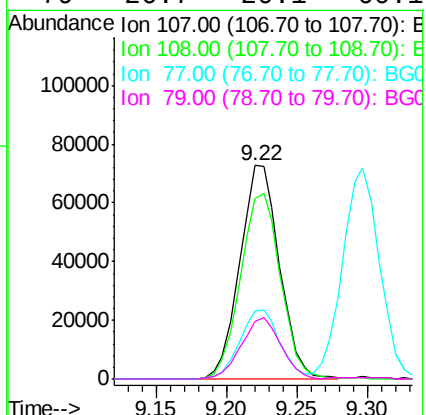
Ion Ratio Lower Upper

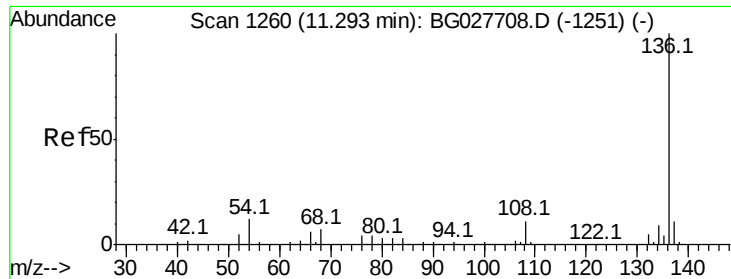
107 100

108 84.4 70.8 110.8

77 31.8 25.8 65.8

79 26.7 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSSD

Tot Ion:136 Resp: 169472

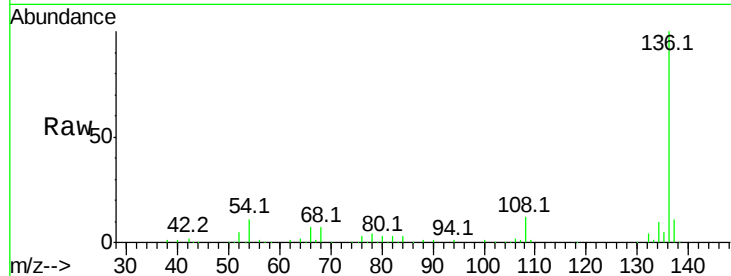
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 11.2 9.3 13.9

68 6.7 5.1 7.7

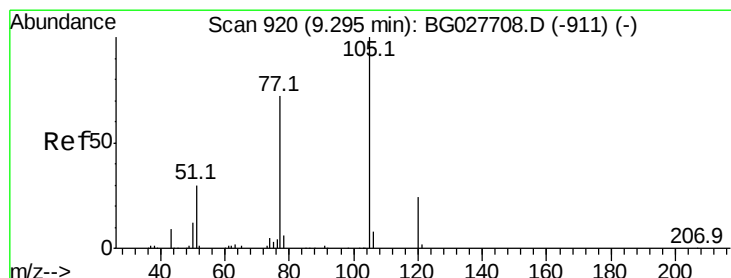
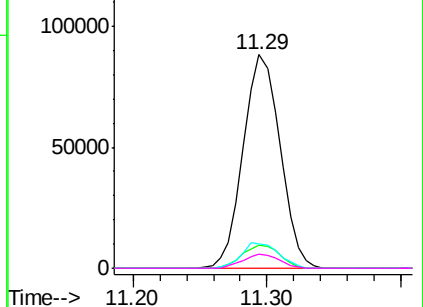
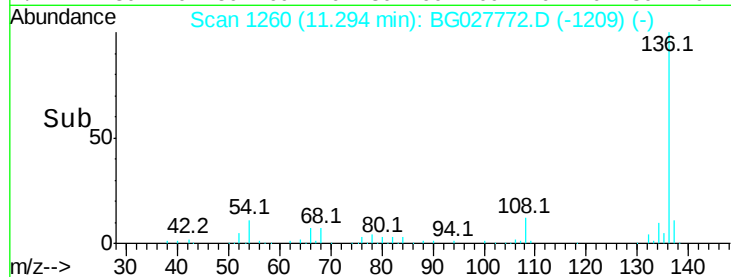


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.45 ng

RT: 9.30 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Tgt Ion:105 Resp: 165419

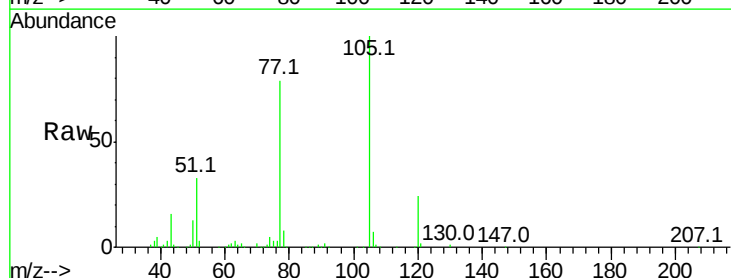
Ion Ratio Lower Upper

105 100

71 0.3 0.9 1.3#

51 33.2 34.0 51.0#

120 24.1 17.3 25.9

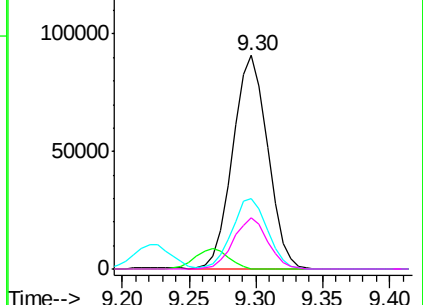
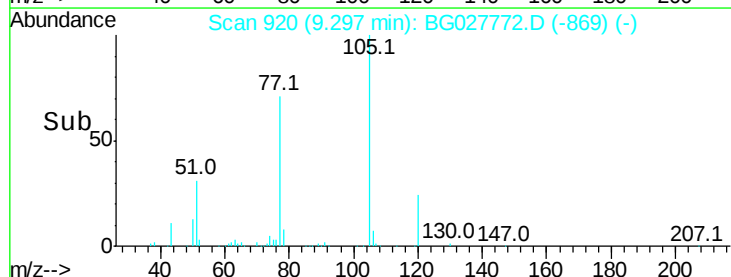


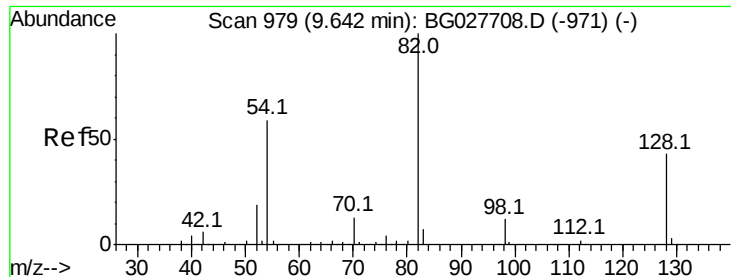
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

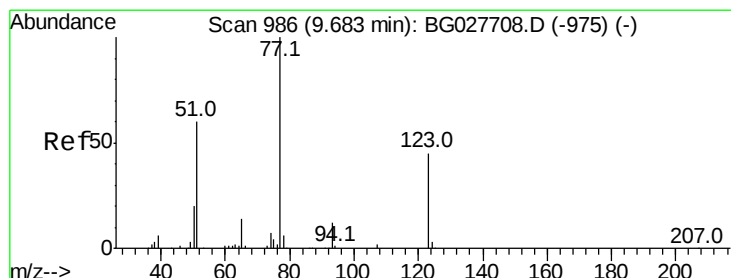
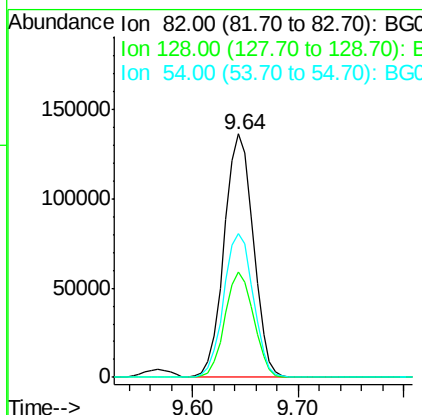
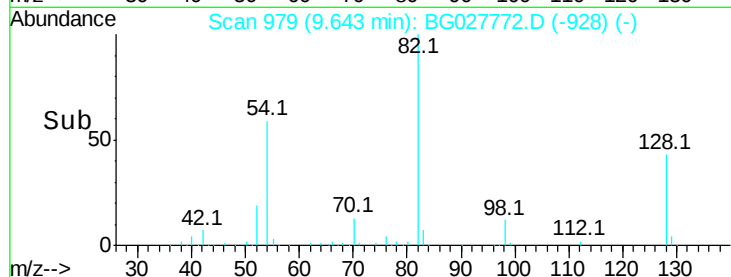
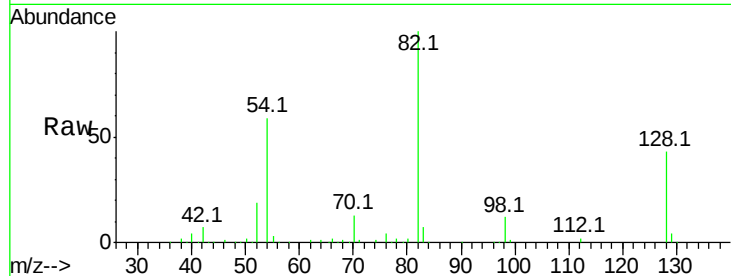




#23
 Nitrobenzene-d5
 Concen: 85.67 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

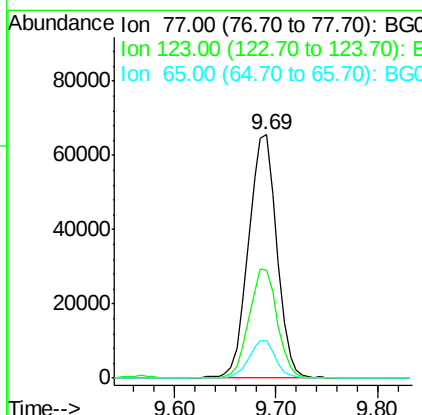
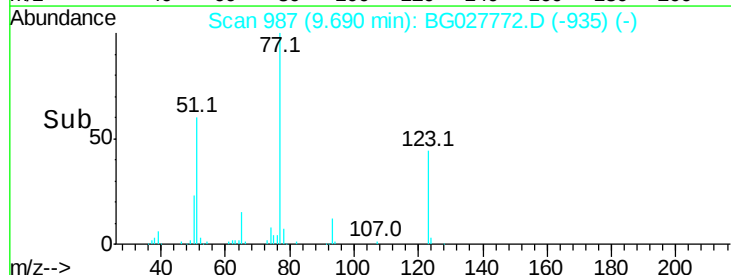
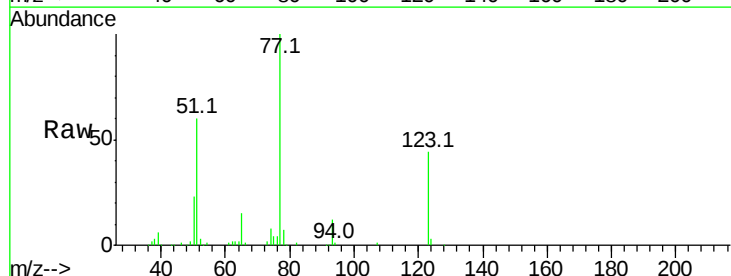
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

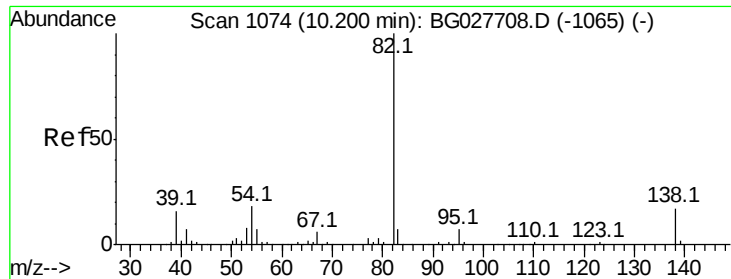
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	26.4	39.6#
54	58.9	49.4	74.2



#24
 Nitrobenzene
 Concen: 39.90 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	26.1	39.1#
65	15.4	12.4	18.6





#25

Isophorone

Concen: 40.10 ng

RT: 10.20 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

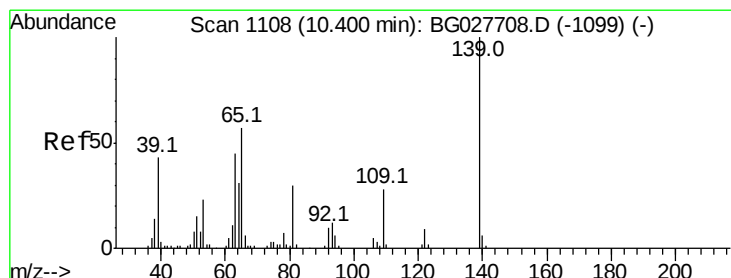
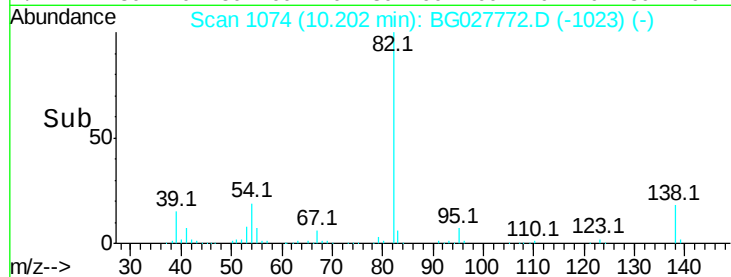
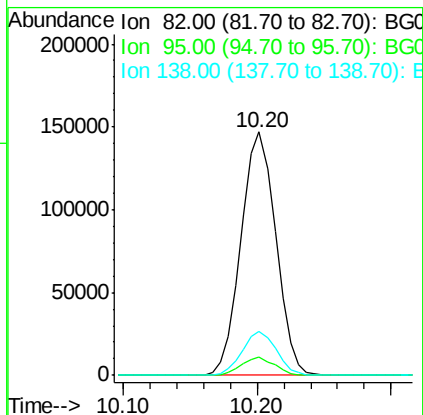
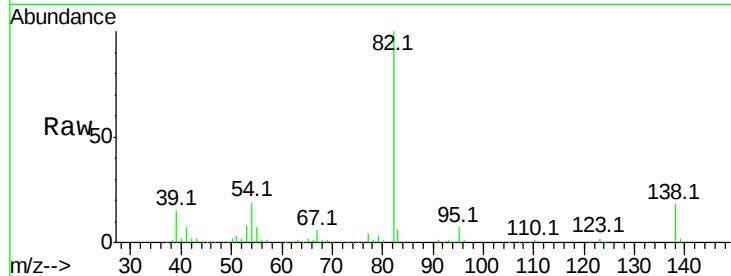
Tot Ion: 82 Resp: 265767

Ion Ratio Lower Upper

82 100

95 7.3 7.5 11.3#

138 17.8 12.3 18.5



#26

2-Nitrophenol

Concen: 44.02 ng

RT: 10.40 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

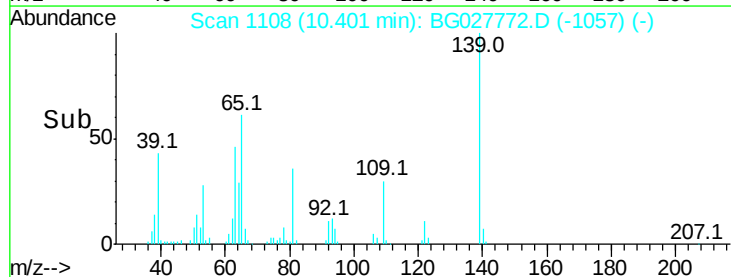
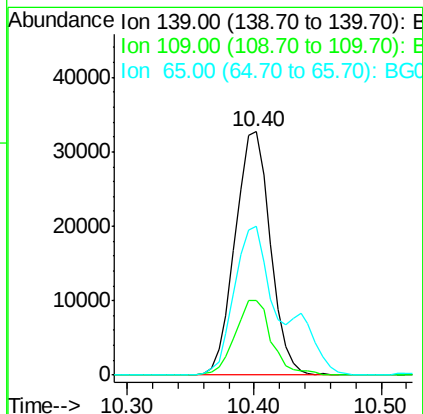
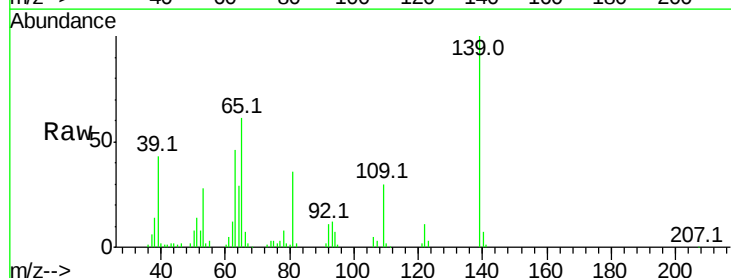
Tgt Ion:139 Resp: 63209

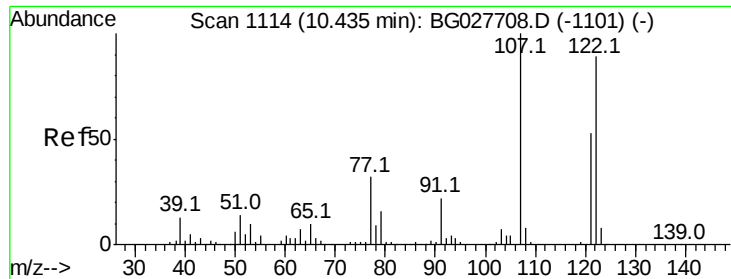
Ion Ratio Lower Upper

139 100

109 30.5 38.6 58.0#

65 61.0 57.1 85.7

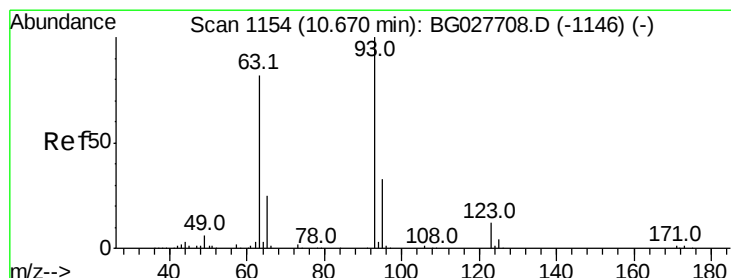
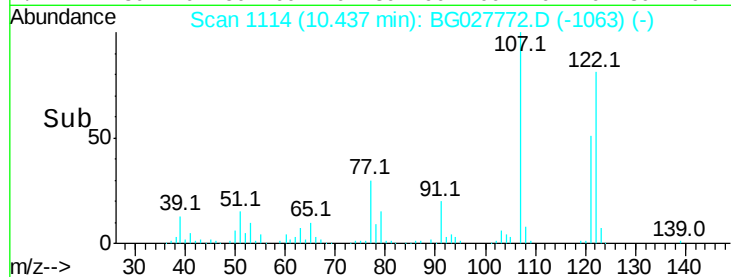
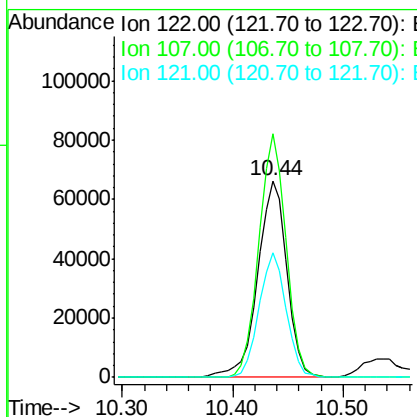
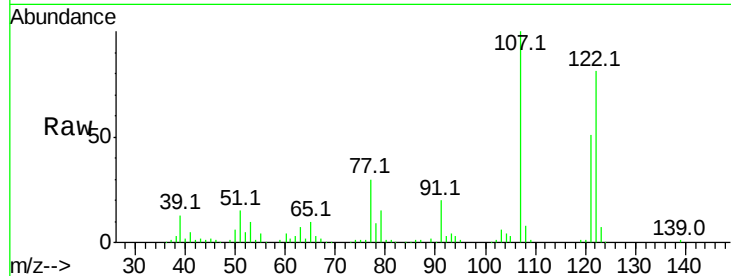




#27
 2,4-Dimethylphenol
 Concen: 45.64 ng
 RT: 10.44 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

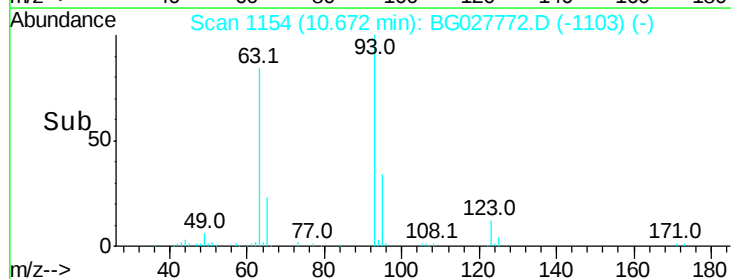
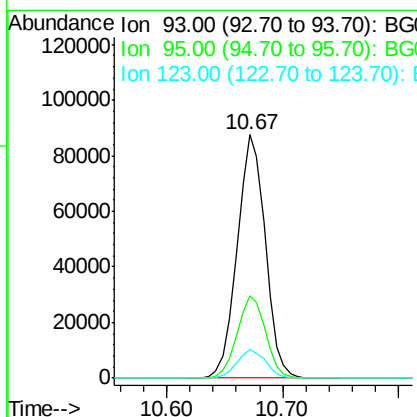
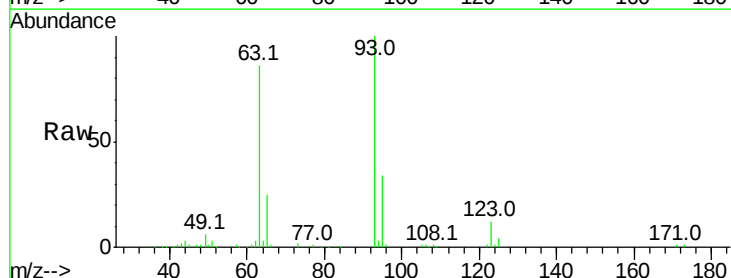
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

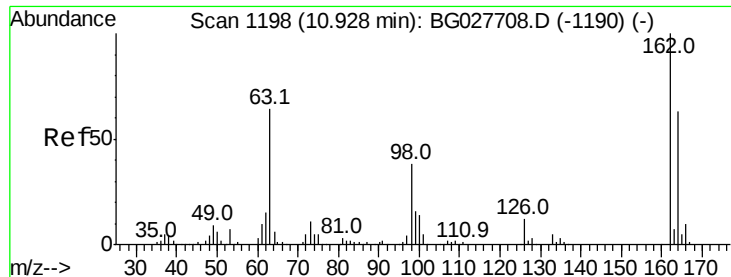
Tot Ion:	122	Resp:	122721
Ion	Ratio	Lower	Upper
122	100		
107	123.7	104.2	156.4
121	63.2	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.15 ng
 RT: 10.67 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:	93	Resp:	147091
Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.7	38.5
123	12.0	8.3	12.5

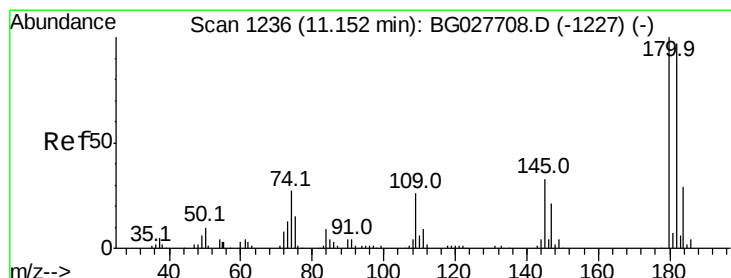
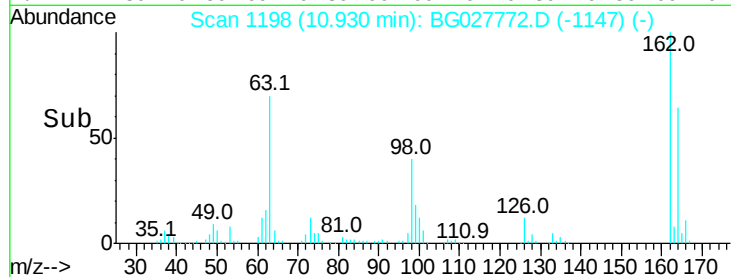
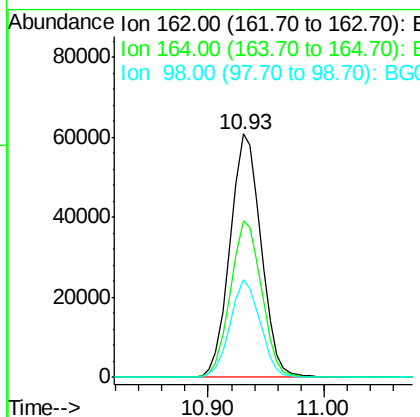
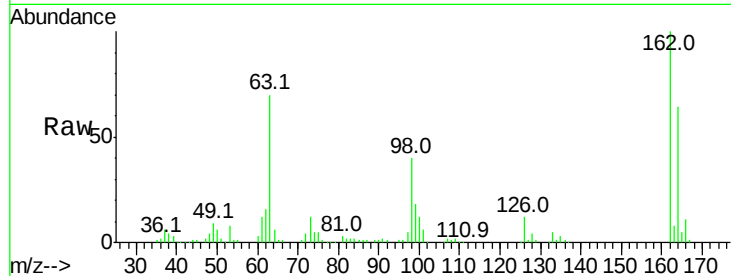




#29
 2,4-Dichlorophenol
 Concen: 47.99 ng
 RT: 10.93 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

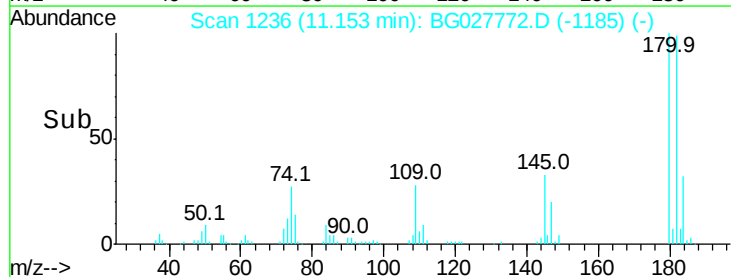
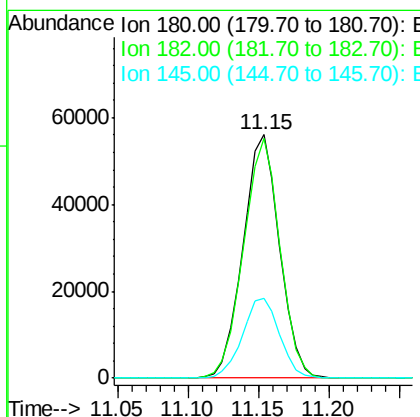
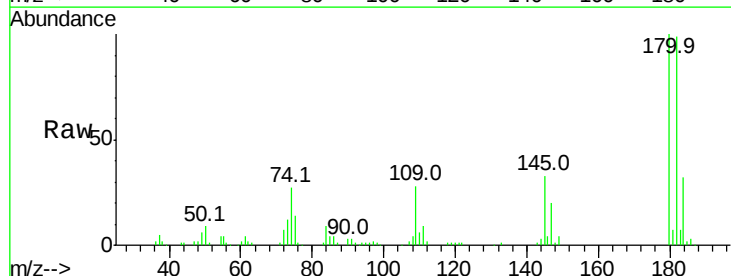
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:162 Resp: 113093
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.4 82.4
 98 39.9 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.27 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:180 Resp: 101600
 Ion Ratio Lower Upper
 180 100
 182 98.6 77.0 115.4
 145 33.0 23.4 35.0

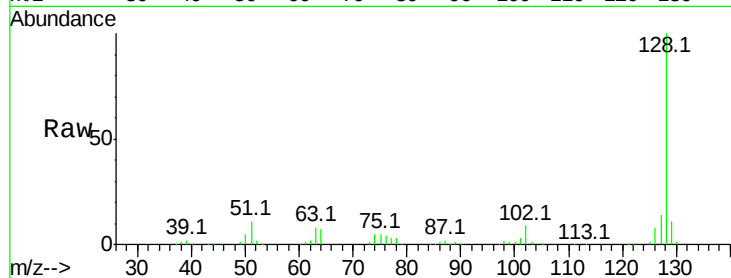




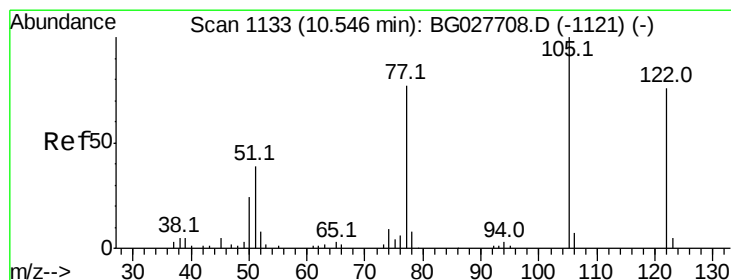
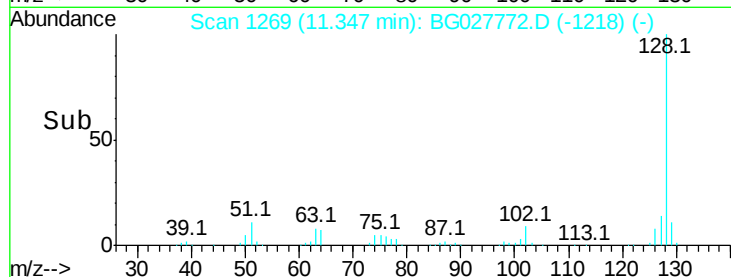
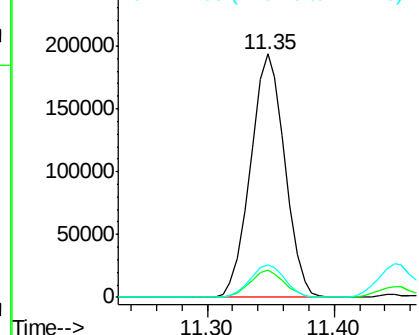
#31
Naphthalene
Concen: 40.26 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:128 Resp: 362885
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.5 11.4 17.0

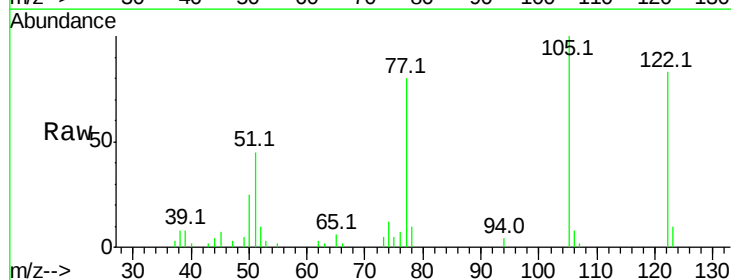


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

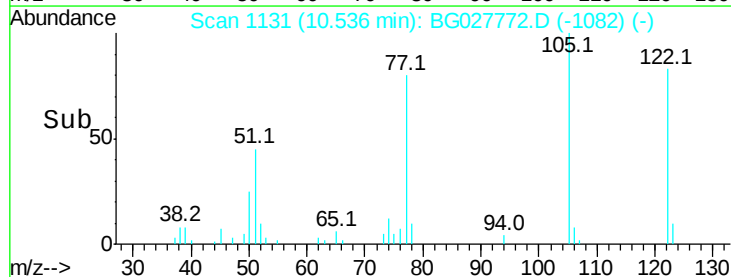
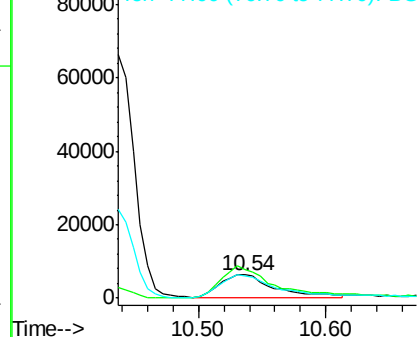


#32
Benzoic acid
Concen: 18.69 ng
RT: 10.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:122 Resp: 19819
Ion Ratio Lower Upper
122 100
105 121.0 120.1 160.1
77 97.4 104.6 144.6#



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

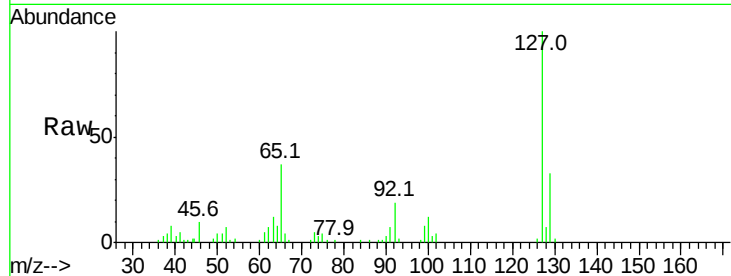




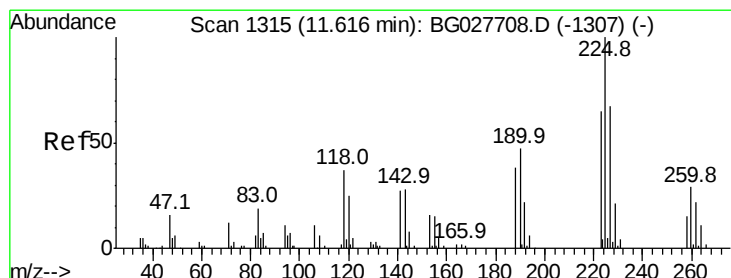
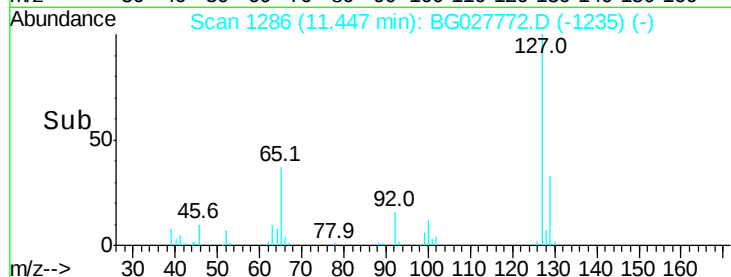
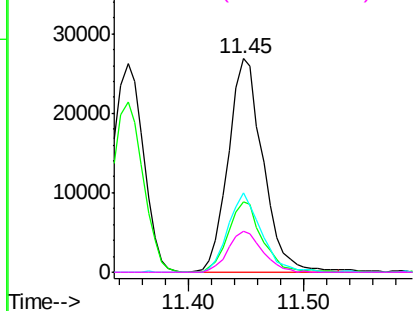
#33
4-Chloroaniline
Concen: 14.44 ng
RT: 11.45 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:	127	Resp:	56204
Ion	Ratio	Lower	Upper
127	100		
129	33.2	23.6	35.4
65	37.1	37.7	56.5#
92	19.2	17.6	26.4

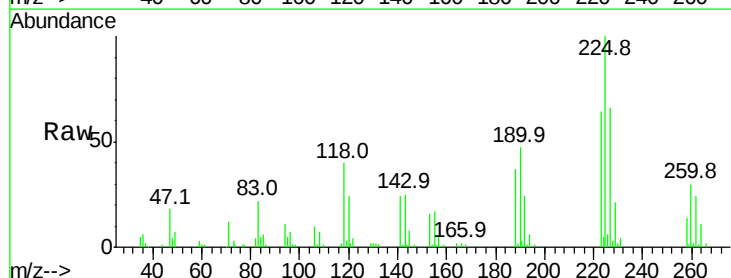


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

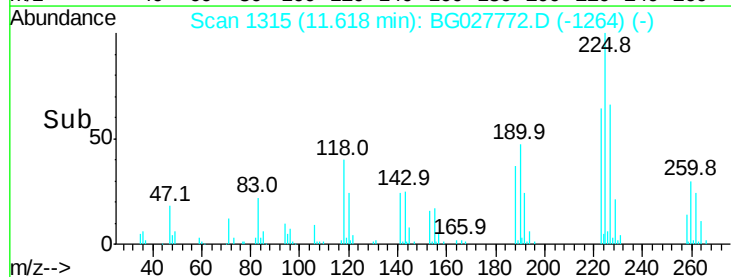
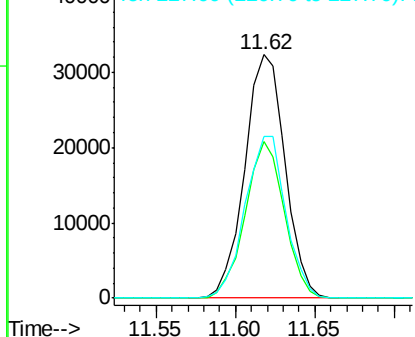


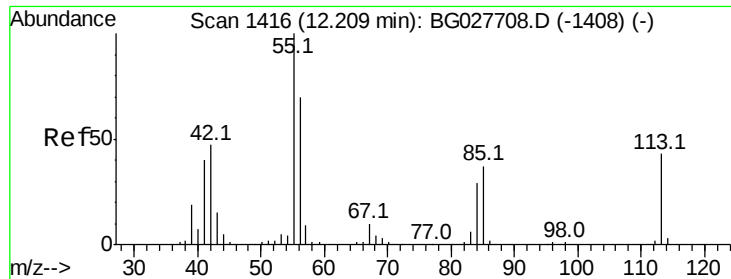
#34
Hexachlorobutadiene
Concen: 42.73 ng
RT: 11.62 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:	225	Resp:	57225
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	66.4	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: 42.10 ng/ml

RT: 12.22 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

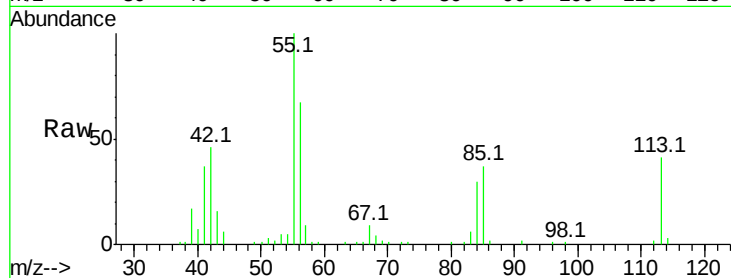
Tot Ion:113 Resp: 49907

Ion Ratio Lower Upper

113 100

55 246.5 198.6 238.6#

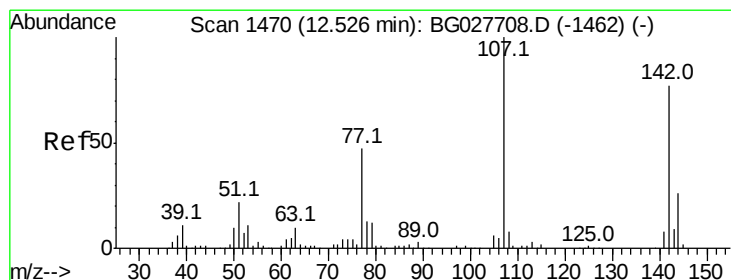
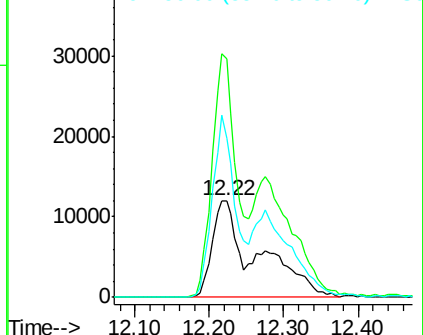
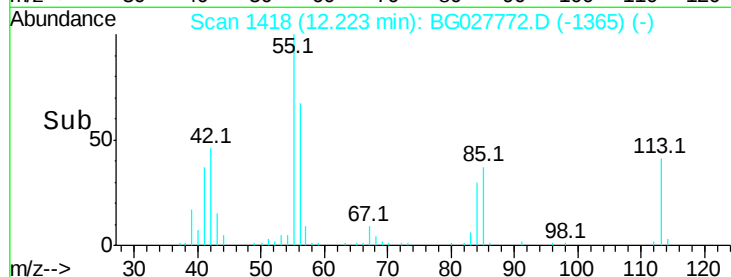
56 164.7 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.84 ng/ml

RT: 12.53 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

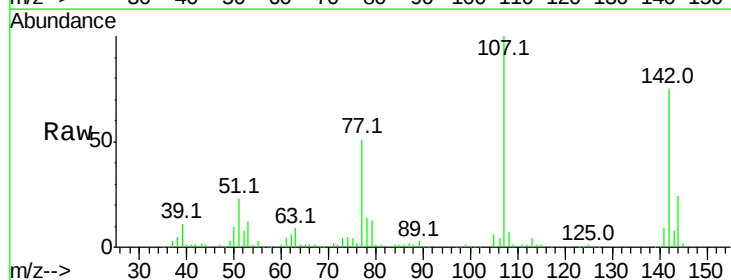
Tgt Ion:107 Resp: 155343

Ion Ratio Lower Upper

107 100

144 24.3 17.4 26.0

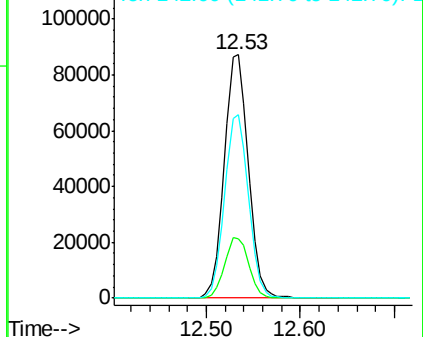
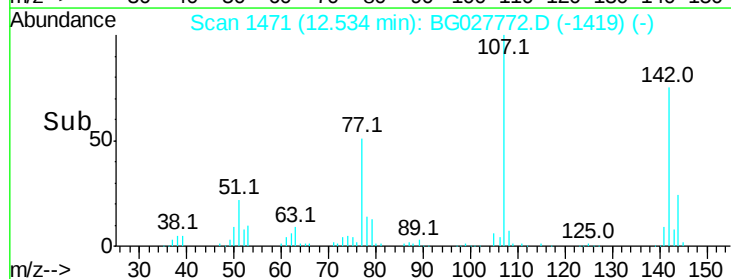
142 75.1 54.1 81.1

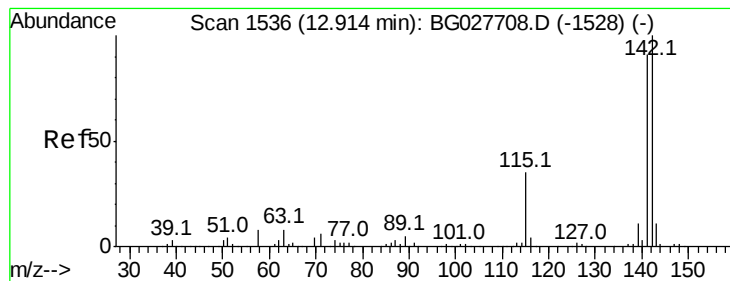


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.98 ng

RT: 12.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

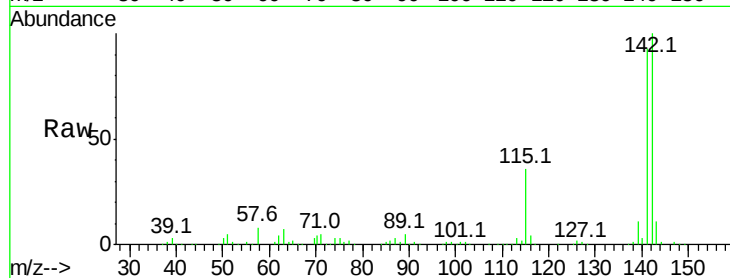
Tot Ion:142 Resp: 281803

Ion Ratio Lower Upper

142 100

141 92.5 70.4 105.6

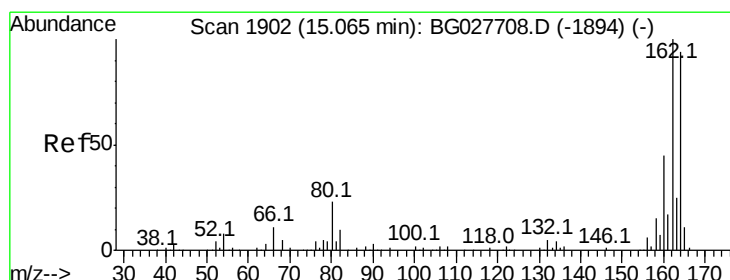
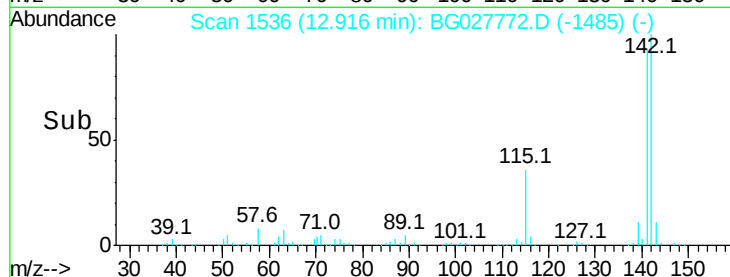
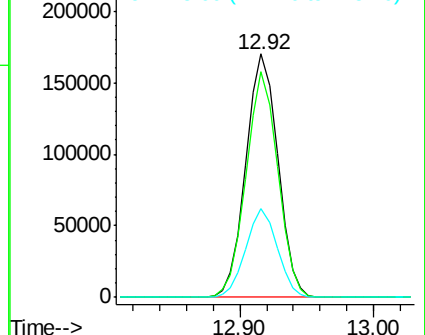
115 36.2 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

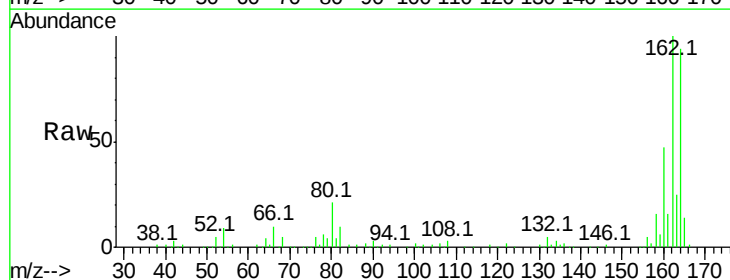
Tgt Ion:164 Resp: 116330

Ion Ratio Lower Upper

164 100

162 106.4 85.1 127.7

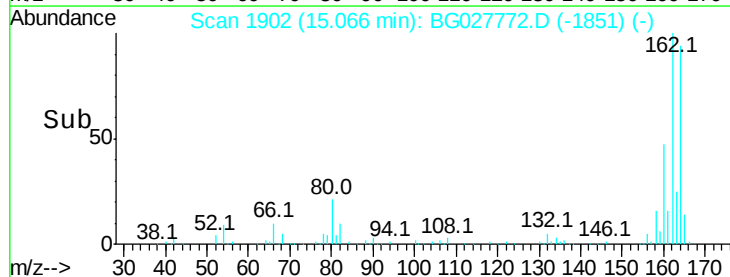
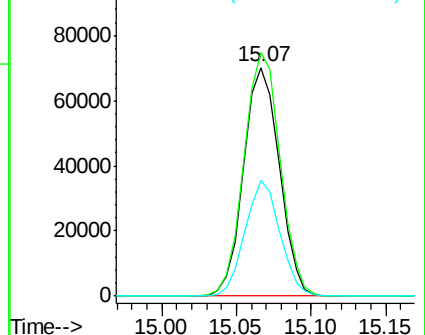
160 50.3 34.7 52.1

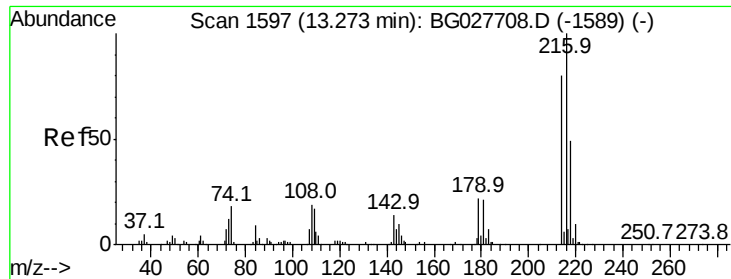


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

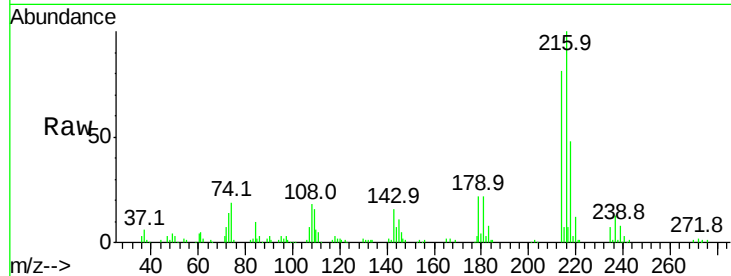




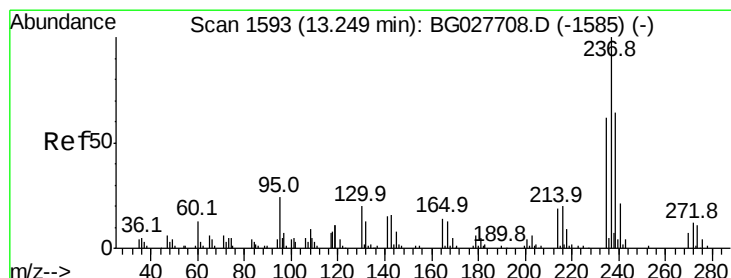
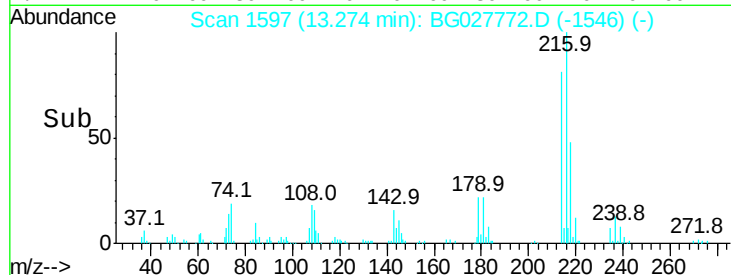
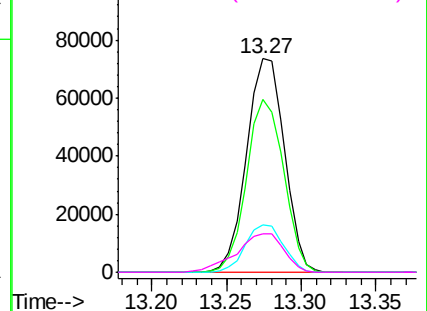
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.19 ng
 RT: 13.27 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:	216	Resp:	128977
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	22.5	17.4	26.0
108	22.8	15.6	23.4

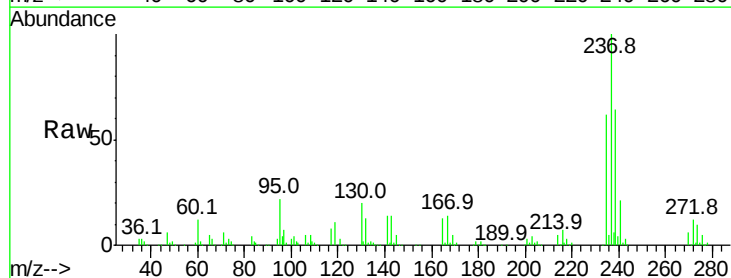


Abundance Ion 216.00 (215.70 to 216.70): E

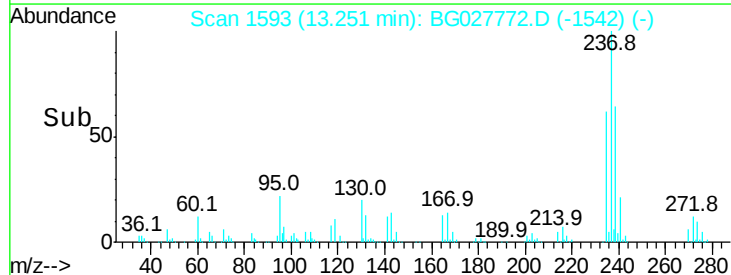
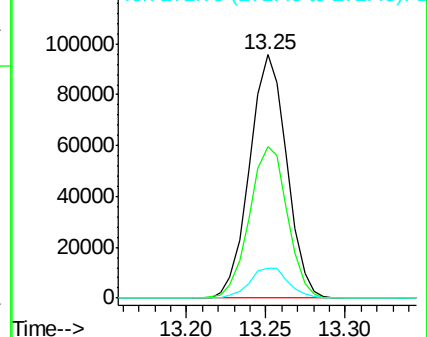


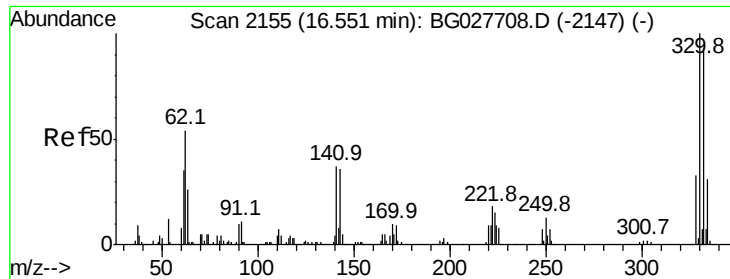
#40
 Hexachlorocyclopentadiene
 Concen: 107.98 ng
 RT: 13.25 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:	237	Resp:	155625
Ion	Ratio	Lower	Upper
237	100		
235	62.3	39.4	79.4
272	12.3	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E

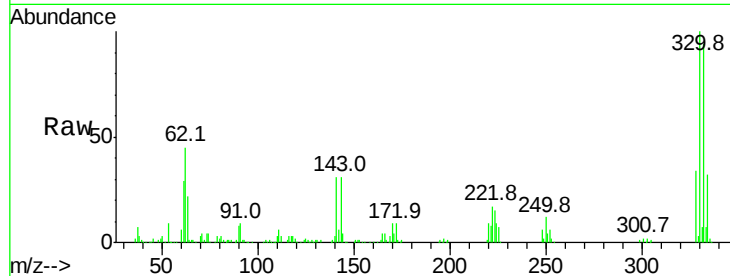




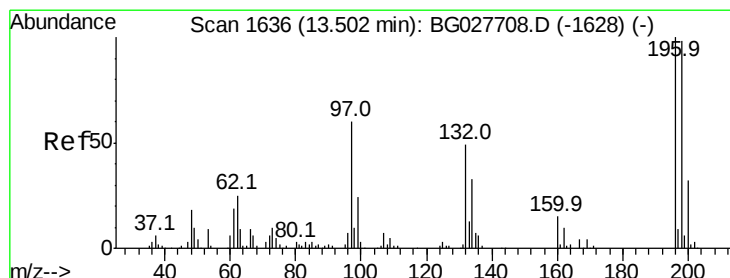
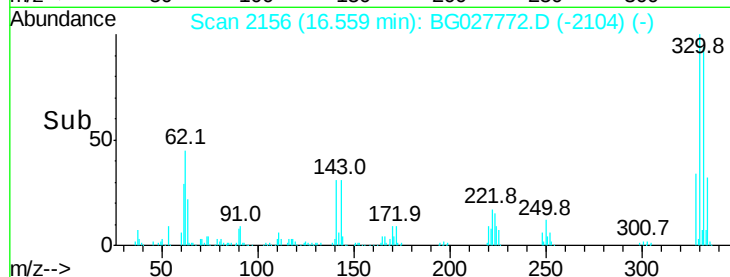
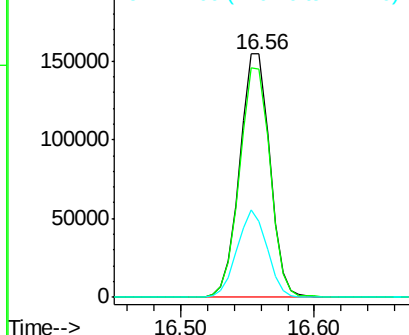
#41
 2,4,6-Tribromophenol
 Concen: 151.54 ng
 RT: 16.56 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	35.7	32.1	48.1

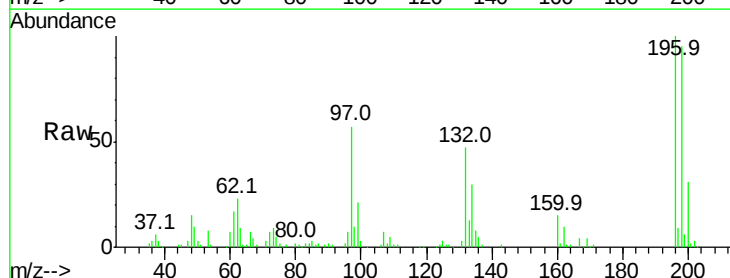


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

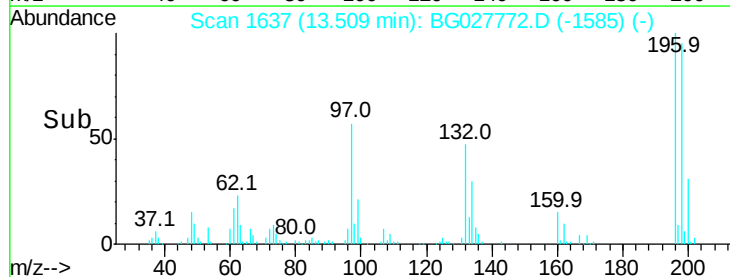
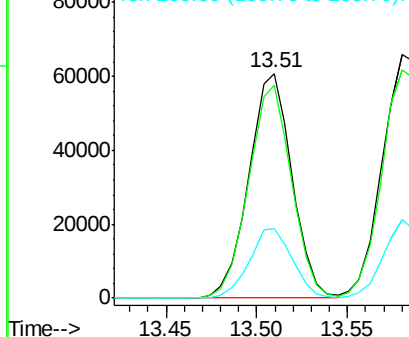


#42
 2,4,6-Trichlorophenol
 Concen: 45.37 ng
 RT: 13.51 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	81.4	122.2
200	31.0	27.0	40.6



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





#43

2,4,5-Trichlorophenol

Concen: 45.59 ng

RT: 13.58 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG027772.D

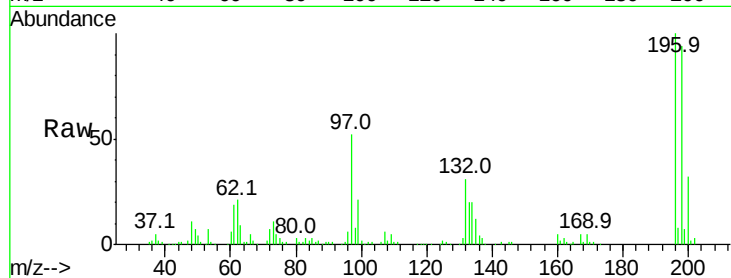
Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD



Tot Ion:196 Resp: 114057

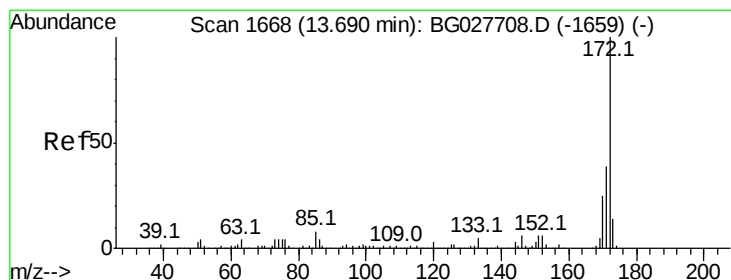
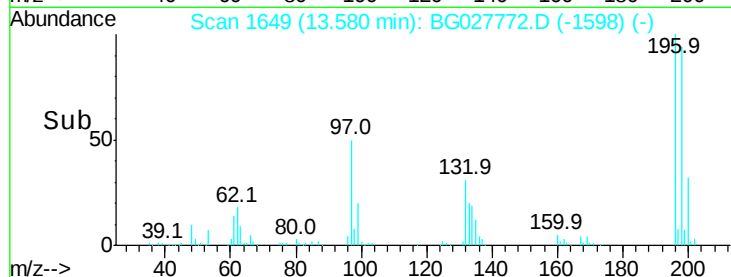
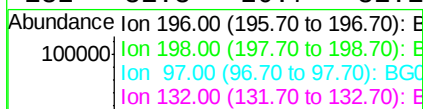
Ion Ratio Lower Upper

196 100

198 93.6 79.9 119.9

97 52.1 45.4 68.0

132 31.3 20.7 31.1#



#44

2-Fluorobiphenyl

Concen: 80.57 ng

RT: 13.69 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

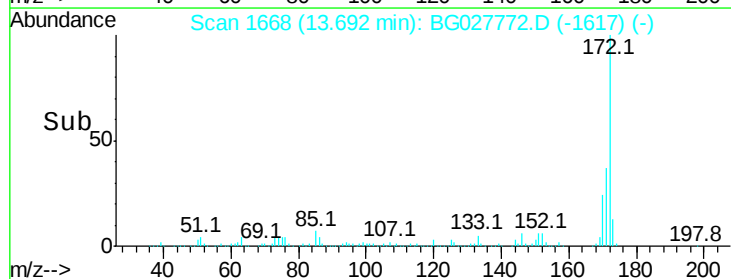
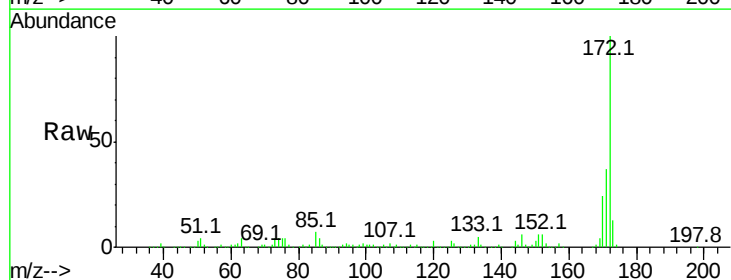
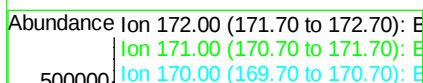
Tgt Ion:172 Resp: 656275

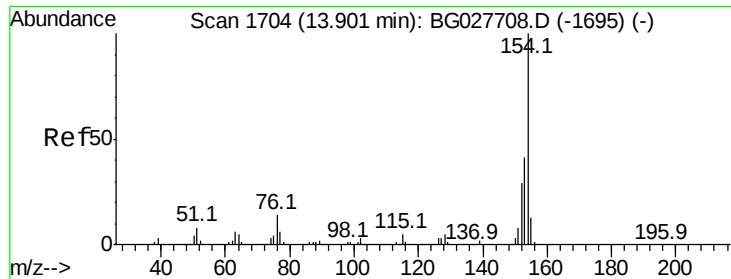
Ion Ratio Lower Upper

172 100

171 37.4 32.2 48.2

170 23.7 21.8 32.6





#45

1,1'-Biphenyl

Concen: 41.12 ng

RT: 13.90 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

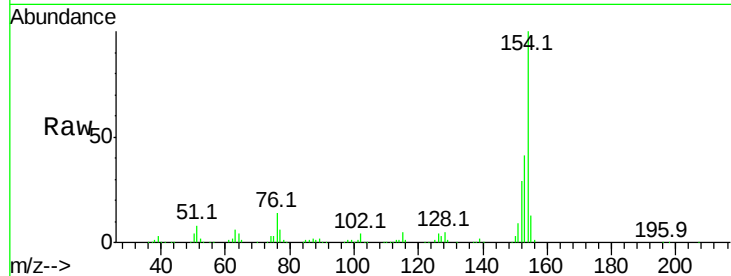
Tot Ion:154 Resp: 383445

Ion Ratio Lower Upper

154 100

153 41.3 23.0 63.0

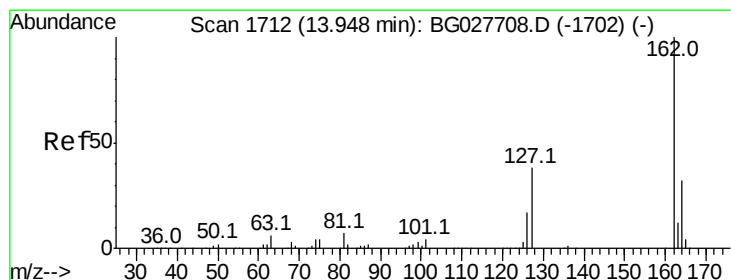
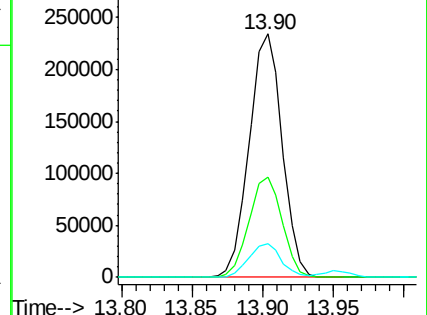
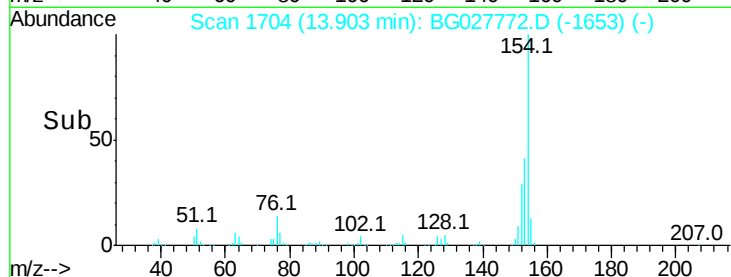
76 13.6 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.83 ng

RT: 13.96 min Scan# 1713

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

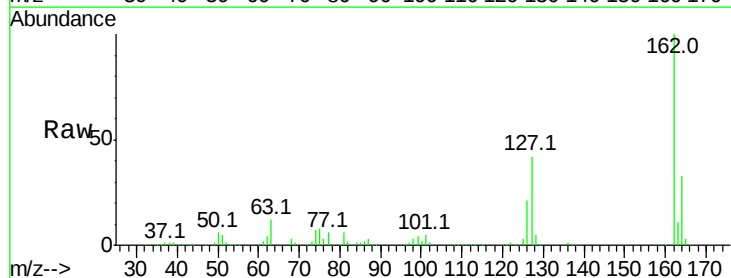
Tgt Ion:162 Resp: 287620

Ion Ratio Lower Upper

162 100

127 41.7 32.2 48.4

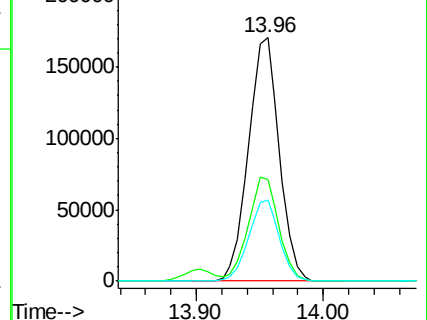
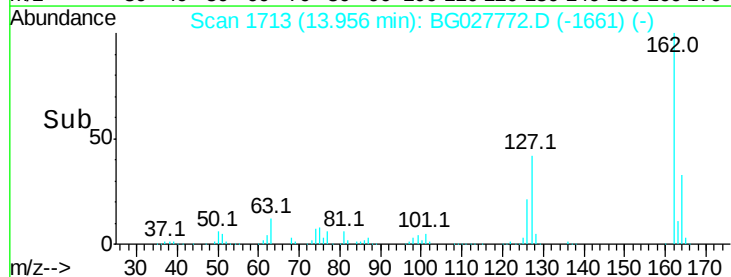
164 33.1 27.3 40.9

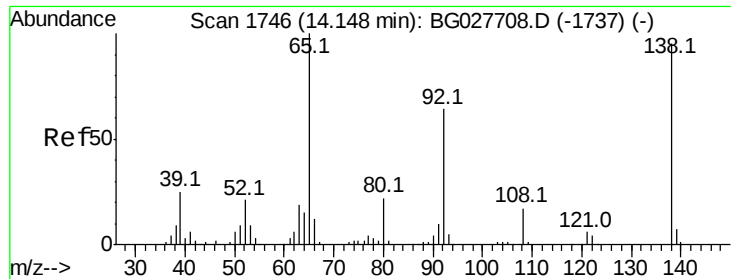


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

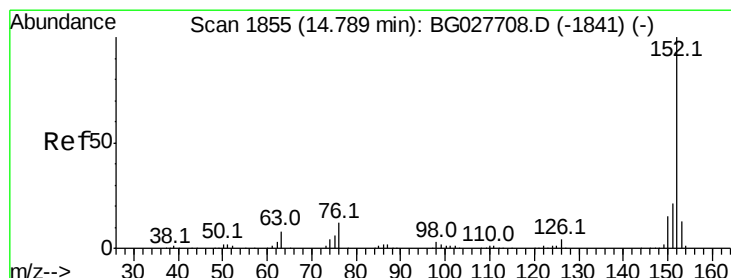
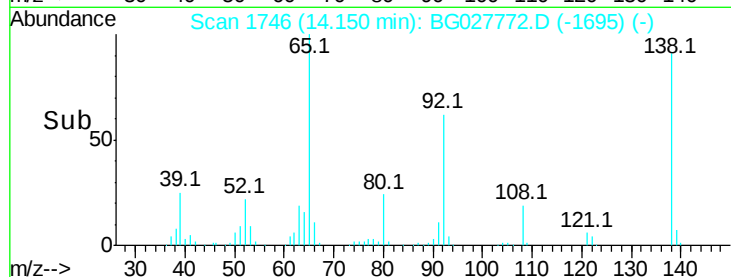
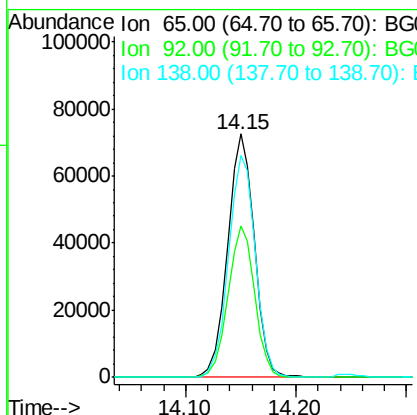
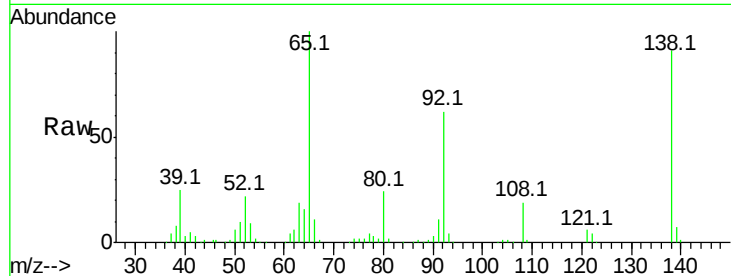




#47
2-Nitroaniline
Concen: 43.55 ng
RT: 14.15 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

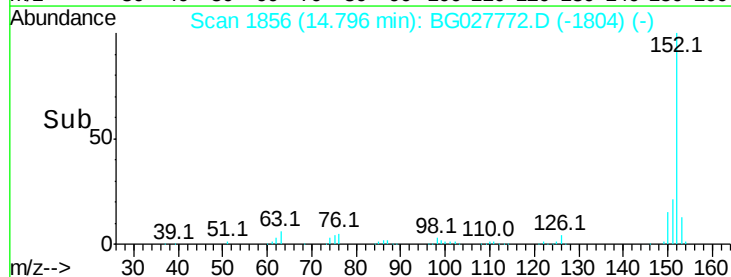
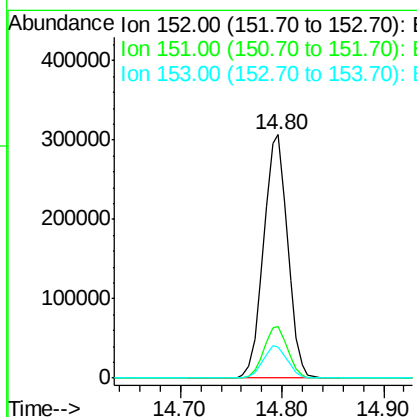
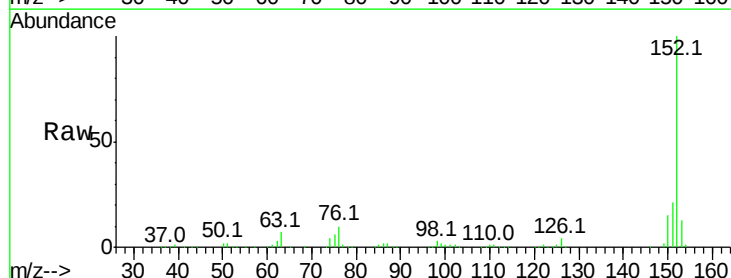
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

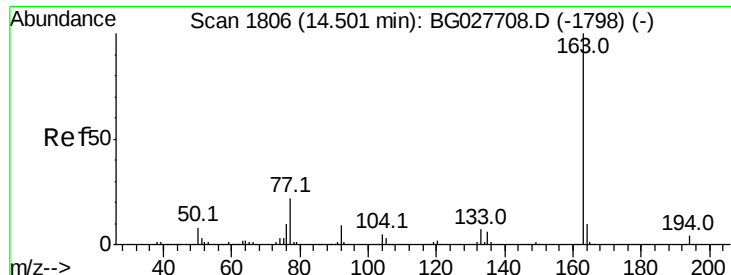
Tot Ion: 65 Resp: 122779
Ion Ratio Lower Upper
65 100
92 62.3 49.0 73.4
138 91.2 58.6 87.8#



#48
Acenaphthylene
Concen: 39.22 ng
RT: 14.80 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion: 152 Resp: 504816
Ion Ratio Lower Upper
152 100
151 21.1 18.2 27.2
153 13.0 11.3 16.9

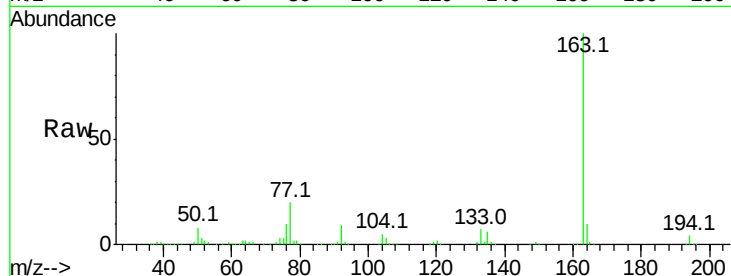




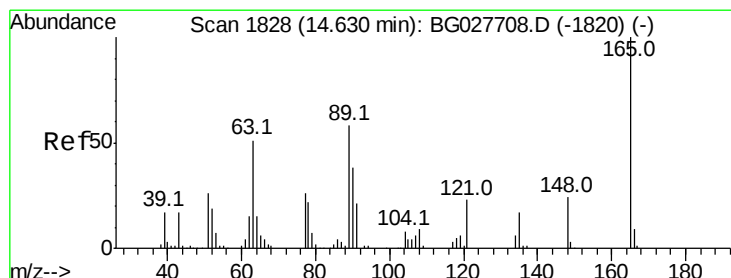
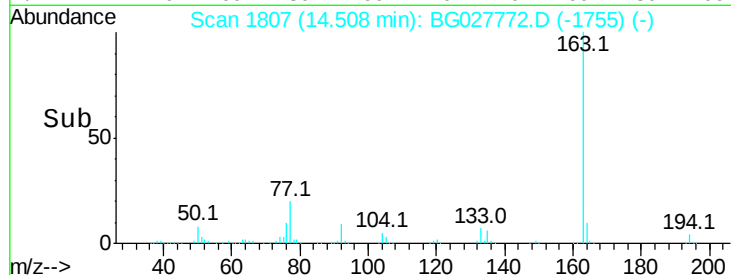
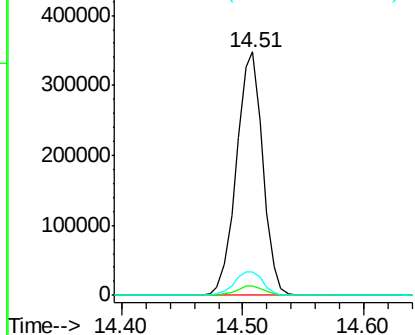
#49
Dimethylphthalate
Concen: 53.03 ng
RT: 14.51 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:163 Resp: 526270
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 9.8 9.3 13.9

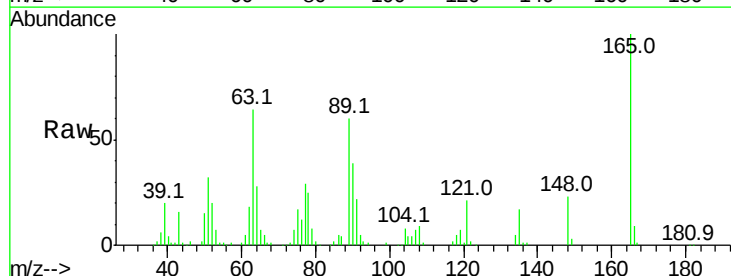


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

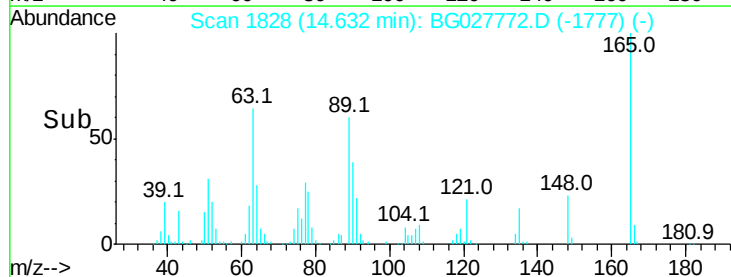
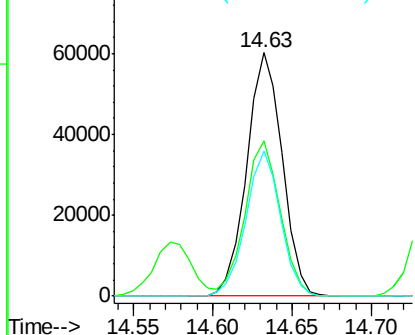


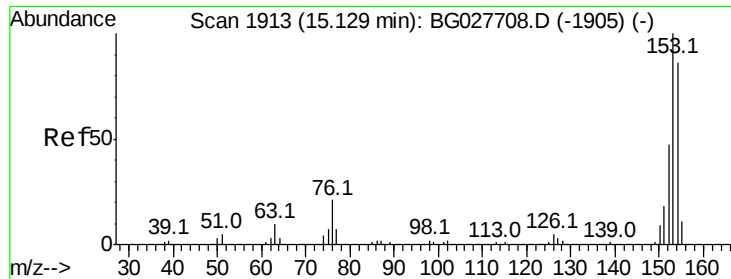
#50
2,6-Dinitrotoluene
Concen: 43.31 ng
RT: 14.63 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:165 Resp: 93439
Ion Ratio Lower Upper
165 100
63 64.0 63.9 95.9
89 59.7 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: 38.15 ng

RT: 15.13 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

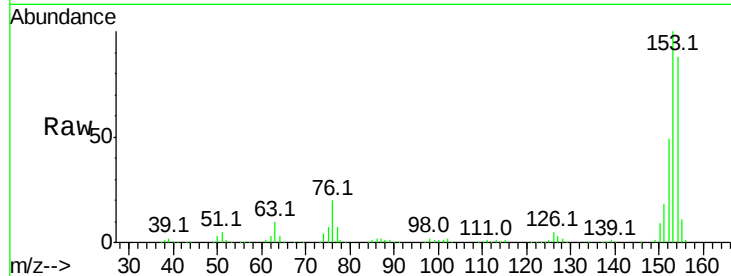
Tot Ion:154 Resp: 314741

Ion Ratio Lower Upper

154 100

153 114.0 87.8 131.6

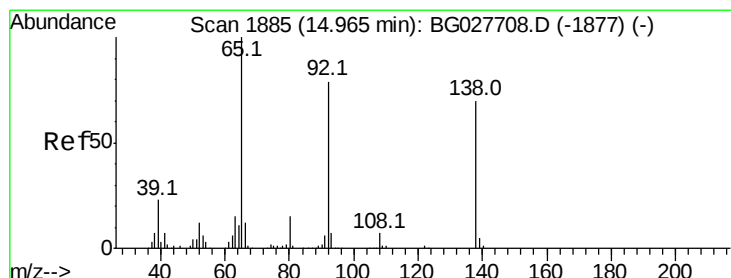
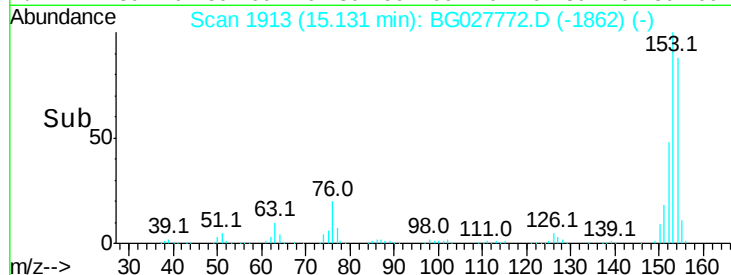
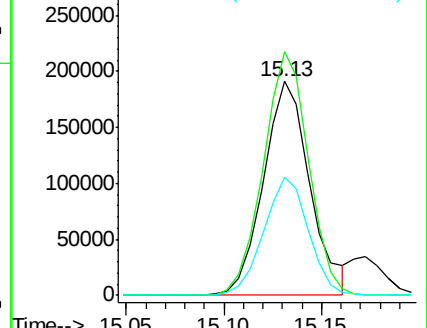
152 55.4 42.2 63.4



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: 26.53 ng

RT: 14.97 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

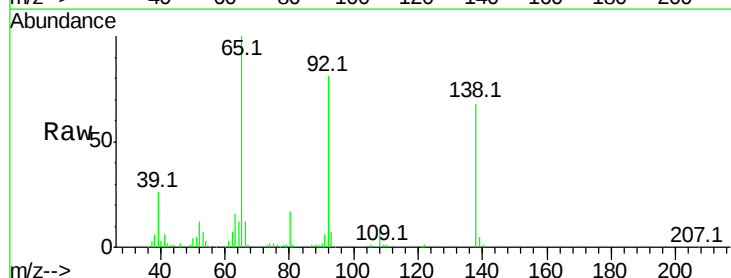
Tgt Ion:138 Resp: 67329

Ion Ratio Lower Upper

138 100

108 10.3 10.9 16.3#

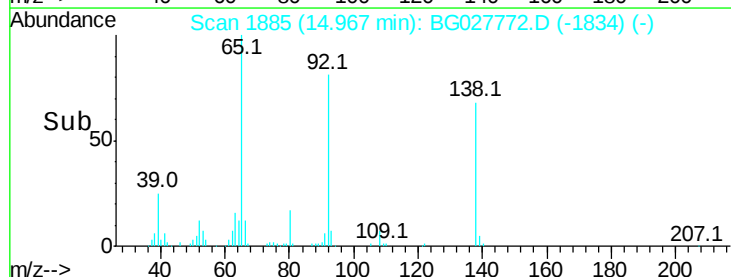
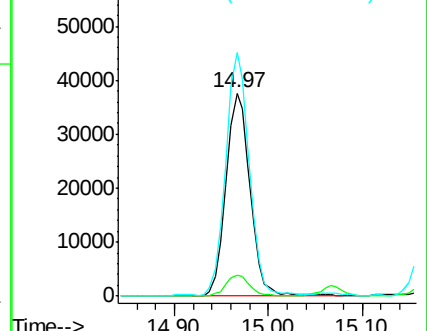
92 119.9 115.3 172.9

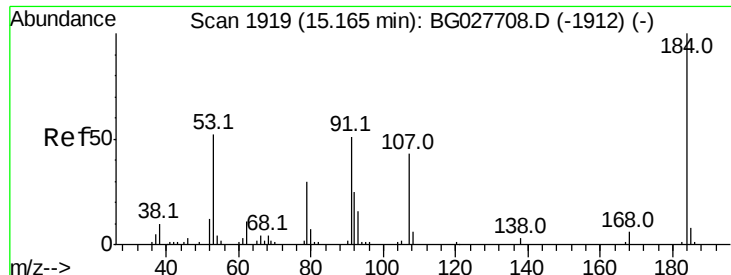


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

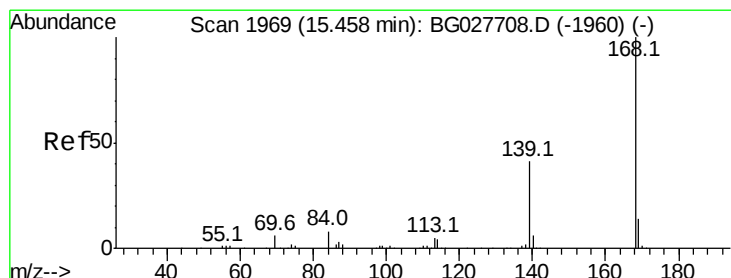
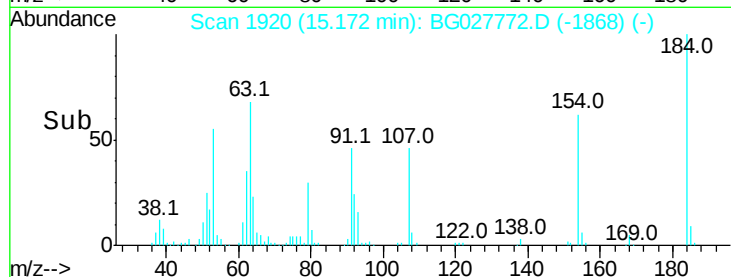
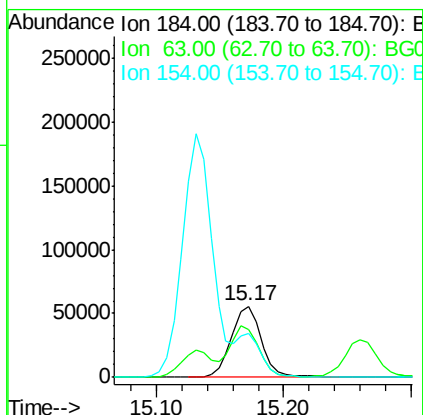
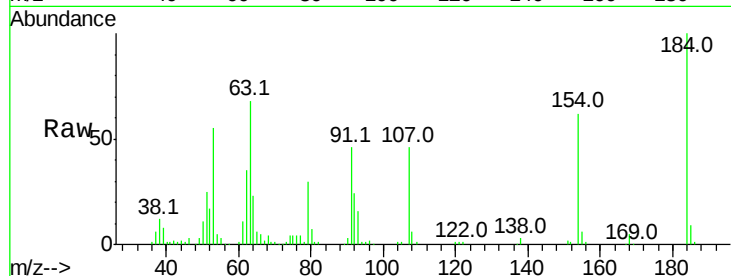




#53
 2,4-Dinitrophenol
 Concen: 77.52 ng
 RT: 15.17 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

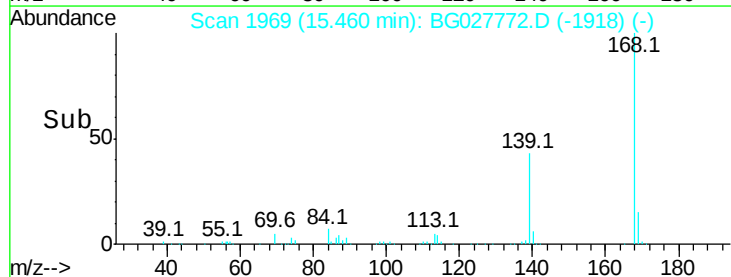
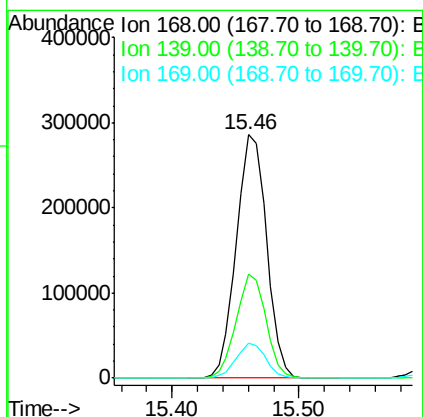
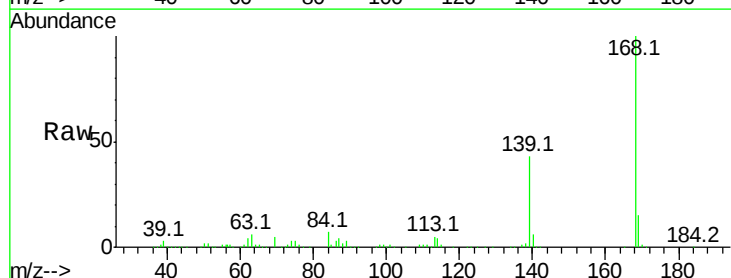
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

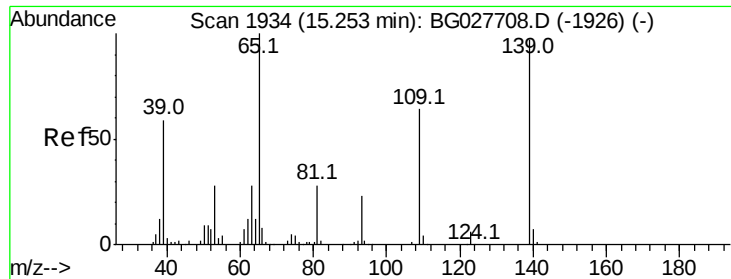
Tot Ion:184 Resp: 91419
 Ion Ratio Lower Upper
 184 100
 63 67.5 52.7 79.1
 154 61.6 57.3 85.9



#54
 Dibenzofuran
 Concen: 43.45 ng
 RT: 15.46 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:168 Resp: 473999
 Ion Ratio Lower Upper
 168 100
 139 42.7 35.3 52.9
 169 14.5 11.5 17.3





#55

4-Nitrophenol

Concen: 87.36 ng

RT: 15.26 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

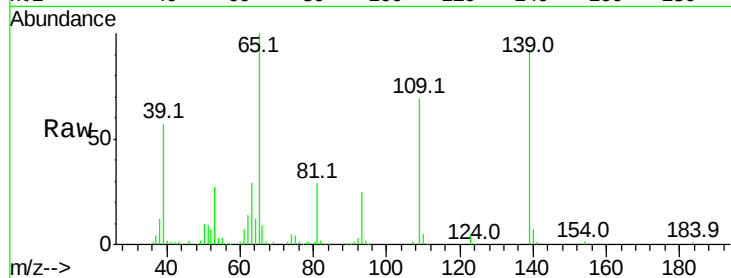
Tot Ion:139 Resp: 169247

Ion Ratio Lower Upper

139 100

109 74.4 101.2 141.2#

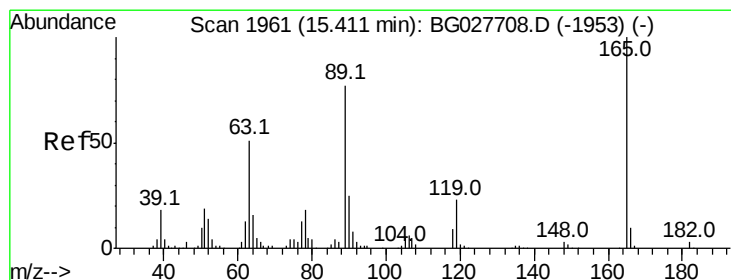
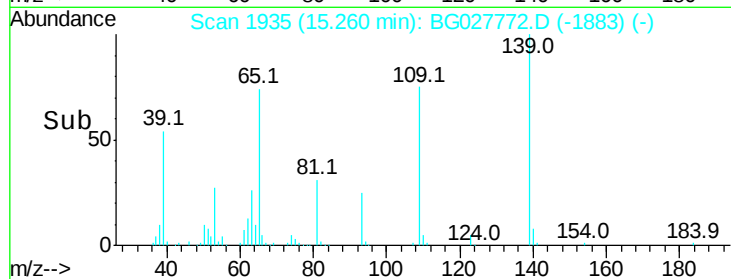
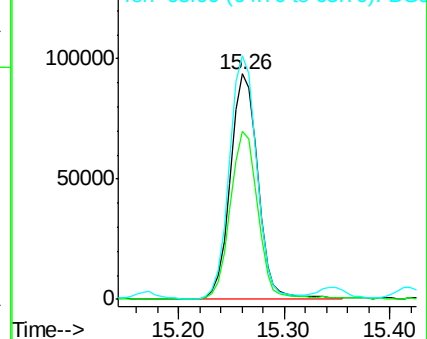
65 108.1 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.91 ng

RT: 15.42 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Tgt Ion:165 Resp: 135131

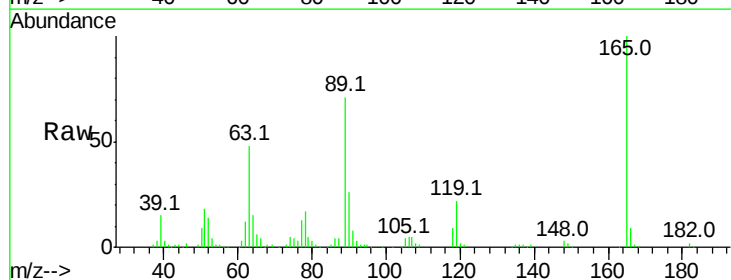
Ion Ratio Lower Upper

165 100

63 48.4 44.0 66.0

89 71.4 67.3 100.9

182 2.4 3.8 5.6#

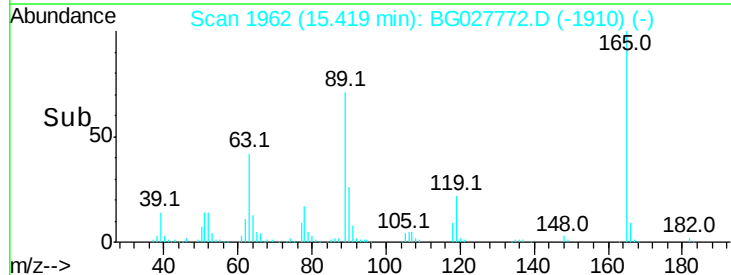
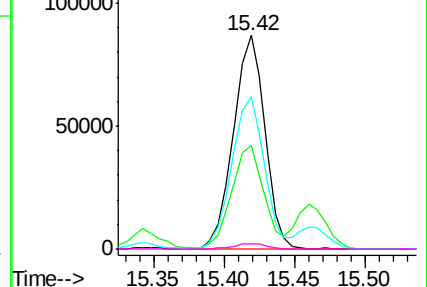


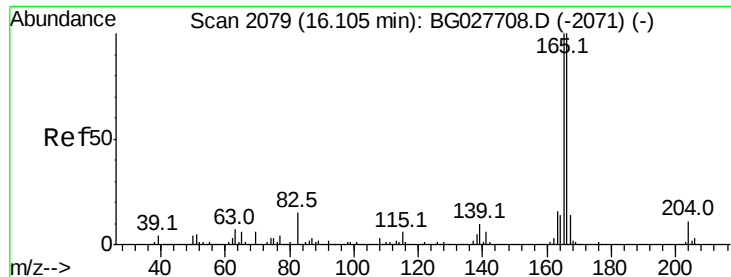
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

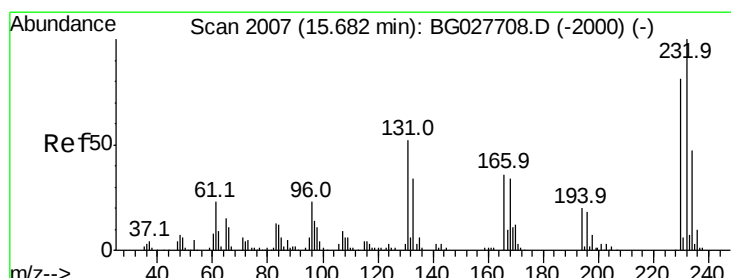
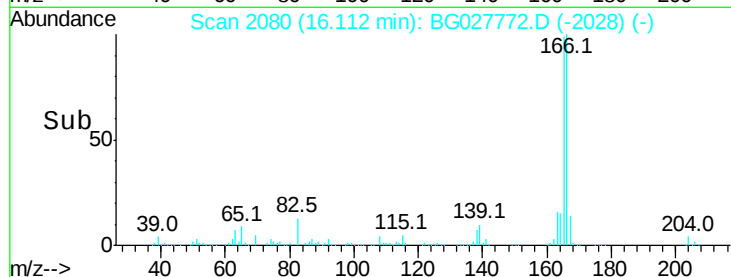
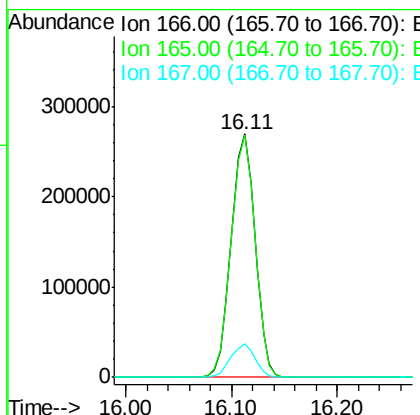
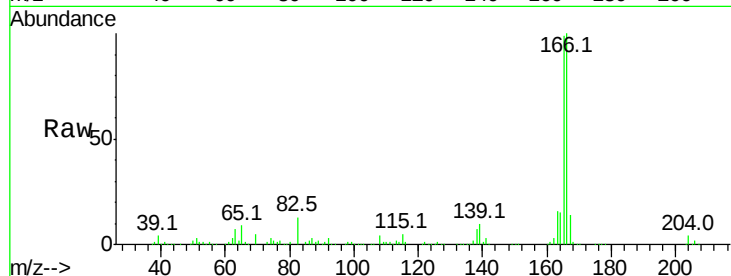




#57
 Fluorene
 Concen: 39.79 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

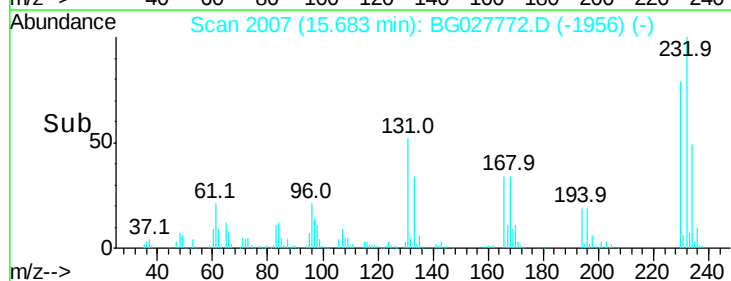
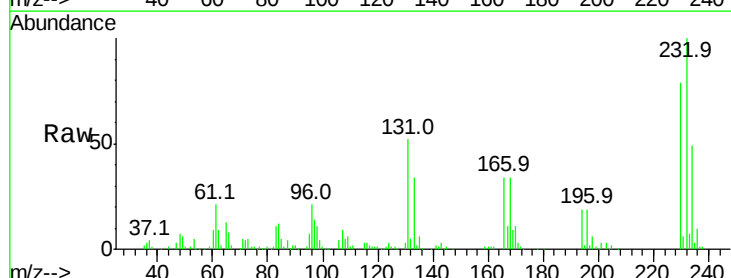
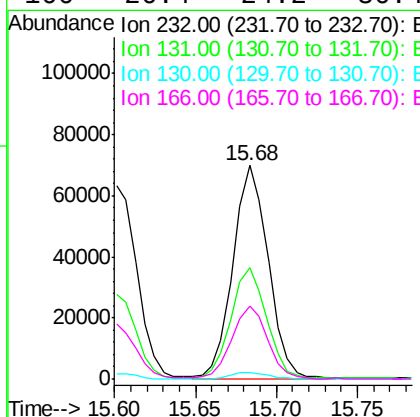
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

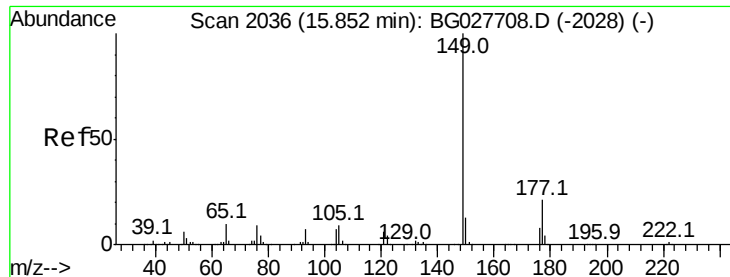
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.6	11.6	17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.21 ng m
 RT: 15.68 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion	Ratio	Lower	Upper
232	100		
231	43.4	34.9	52.3
130	2.8	2.3	3.5
166	26.4	24.2	36.4





#59

Diethylphthalate

Concen: 42.66 ng

RT: 15.86 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

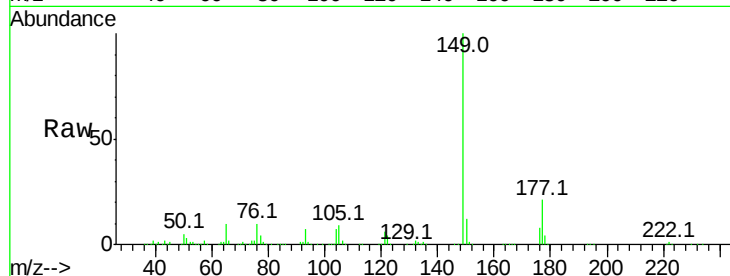
Tot Ion:149 Resp: 468752

Ion Ratio Lower Upper

149 100

177 21.2 20.1 30.1

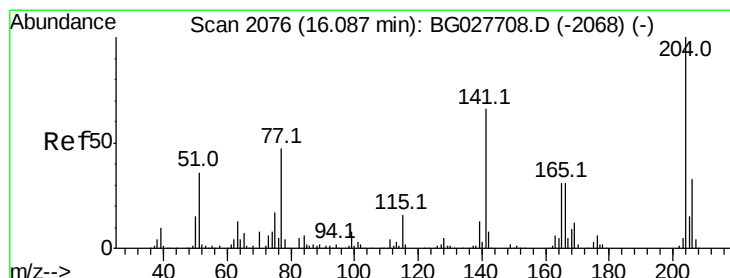
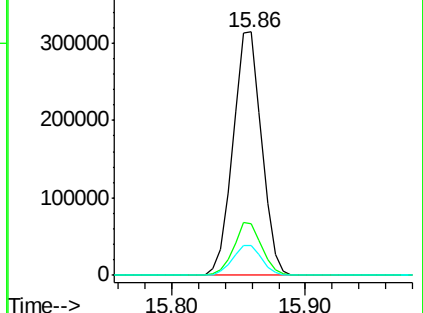
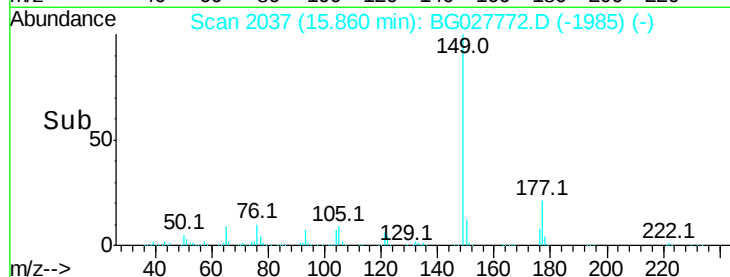
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.17 ng

RT: 16.09 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

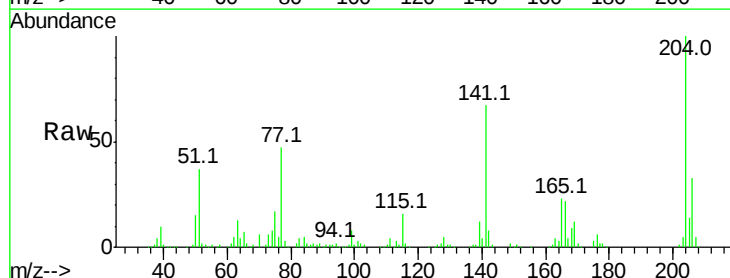
Tgt Ion:204 Resp: 197415

Ion Ratio Lower Upper

204 100

206 32.9 30.1 45.1

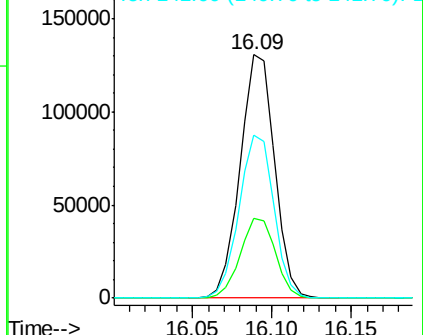
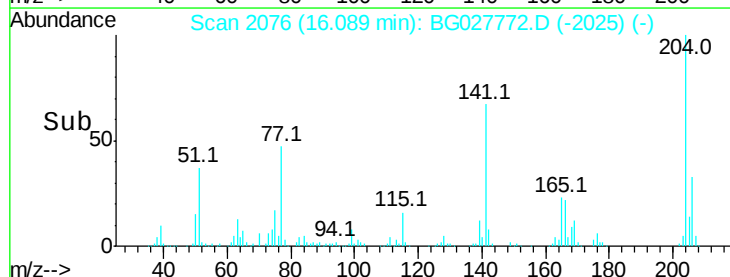
141 66.8 50.6 76.0

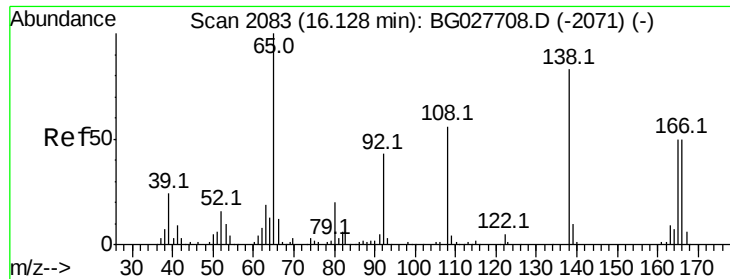


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

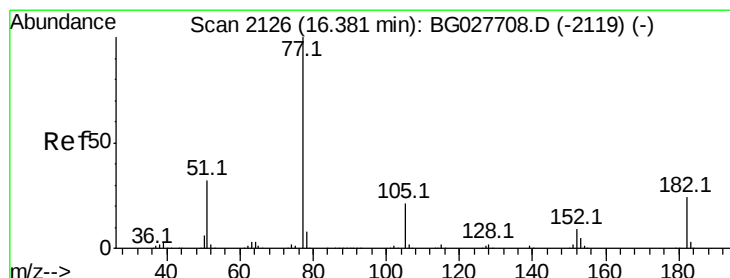
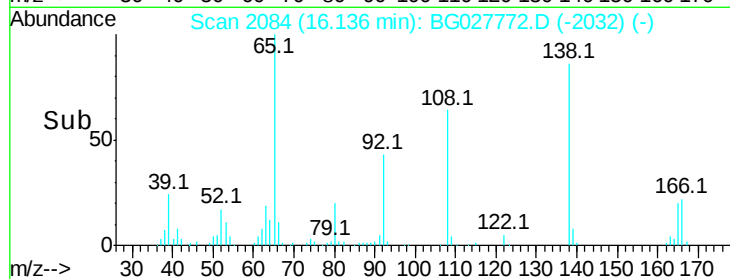
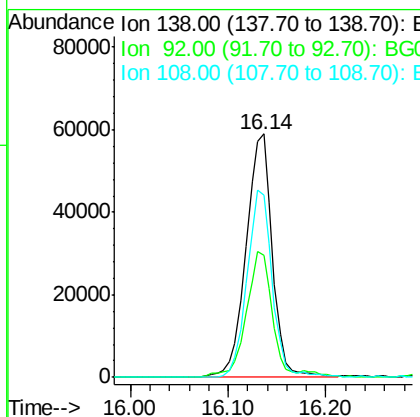
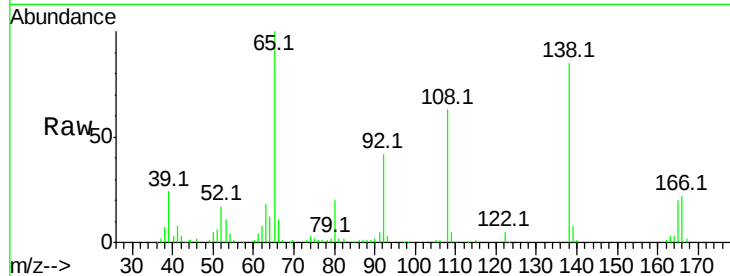




#61
4-Nitroaniline
Concen: 42.23 ng
RT: 16.14 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

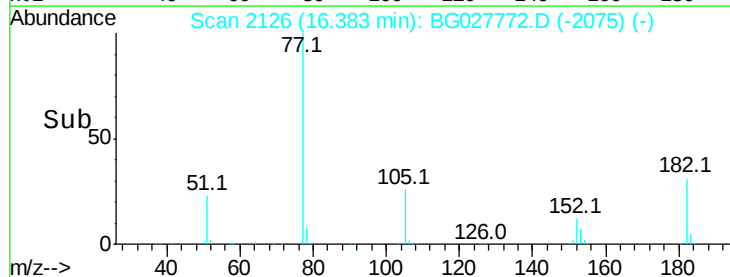
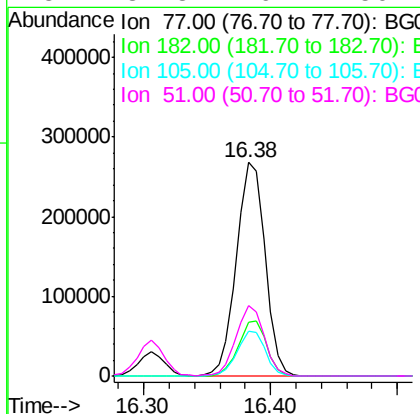
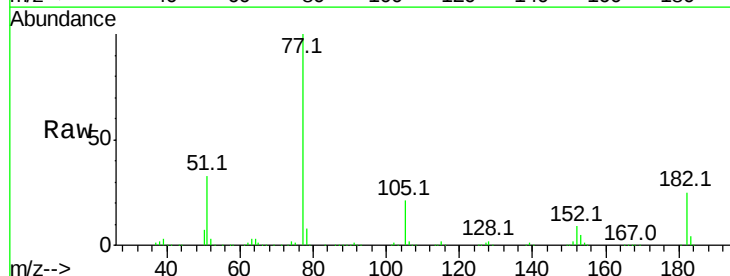
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

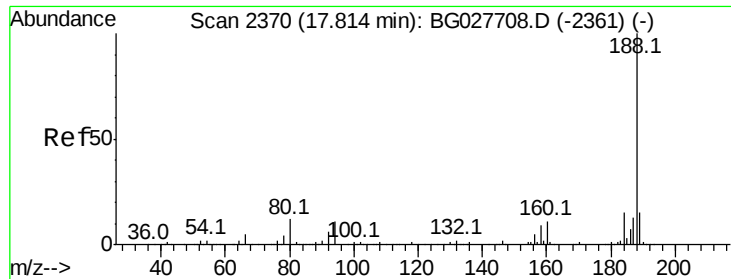
Tot Ion:138 Resp: 111648
Ion Ratio Lower Upper
138 100
92 50.0 44.2 84.2
108 74.6 104.8 144.8#



#62
Azobenzene
Concen: 43.64 ng
RT: 16.38 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion: 77 Resp: 421364
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 21.0 0.0 36.3
51 32.8 16.4 56.4

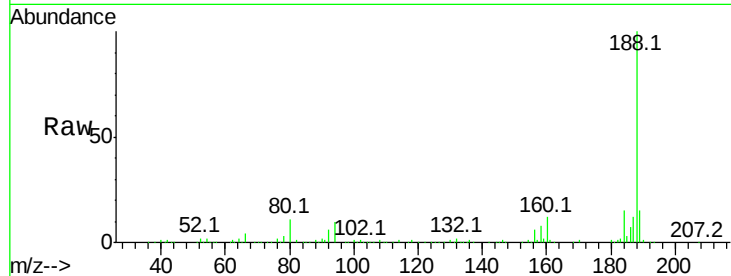




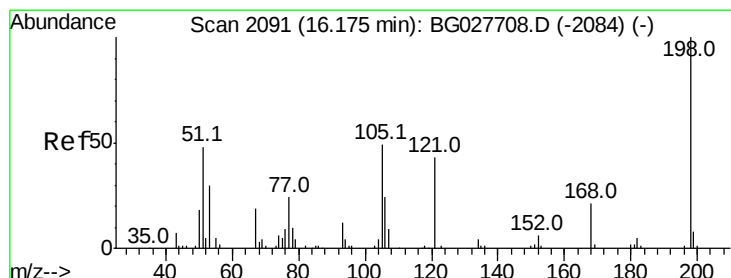
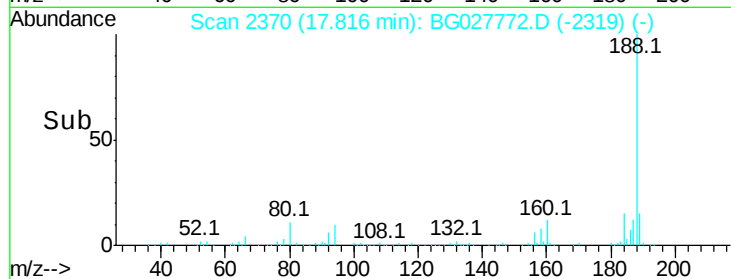
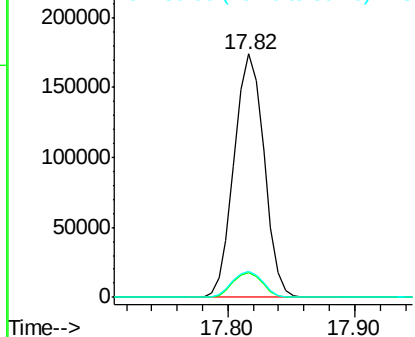
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:188 Resp: 285274
Ion Ratio Lower Upper
188 100
94 10.3 5.8 8.8#
80 10.6 7.5 11.3

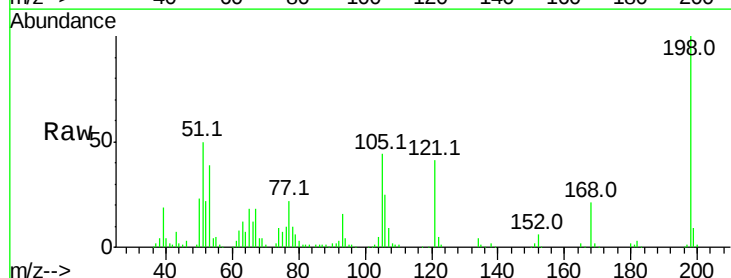


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

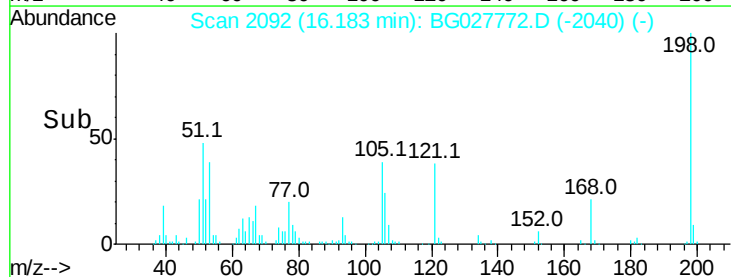
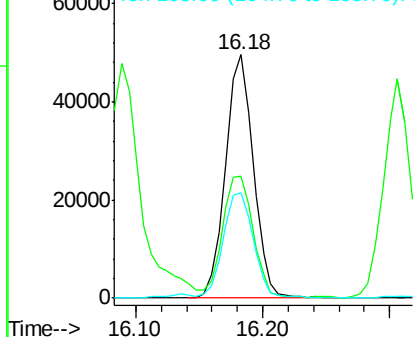


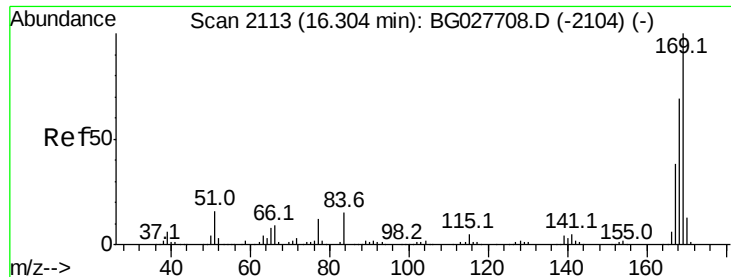
#64
4,6-Dinitro-2-methylphenol
Concen: 43.06 ng
RT: 16.18 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:198 Resp: 75383
Ion Ratio Lower Upper
198 100
51 50.1 22.6 62.6
105 43.5 14.4 54.4



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

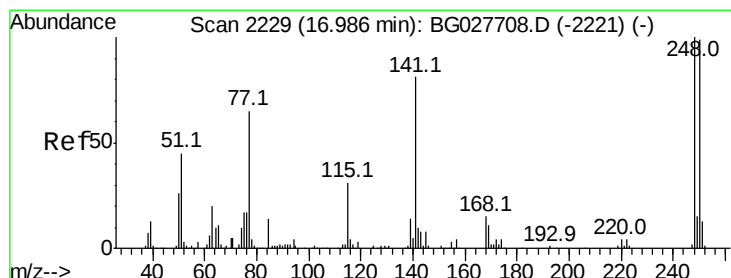
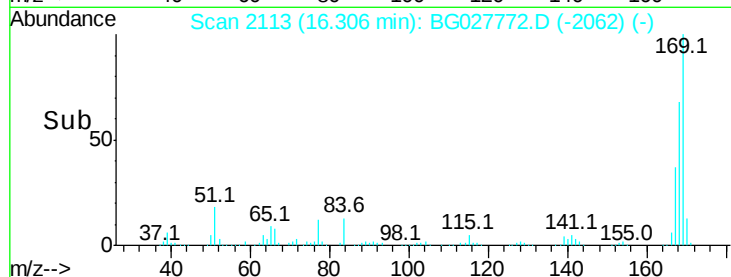
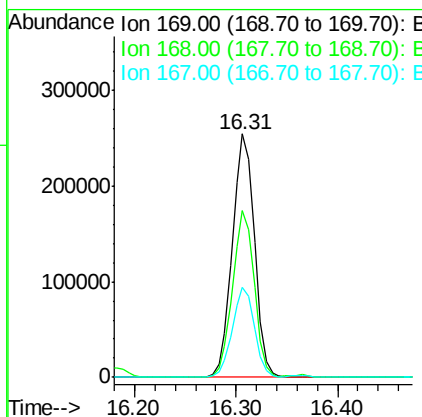
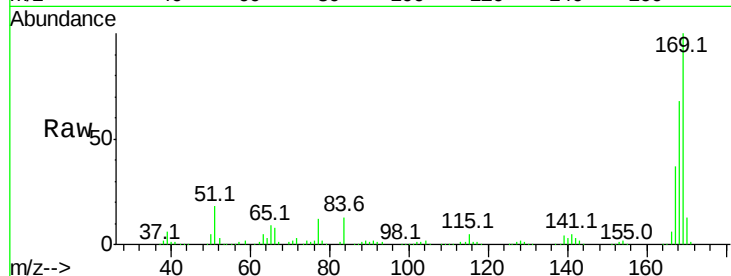




#65
 n-Nitrosodiphenylamine
 Concen: 41.39 ng
 RT: 16.31 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

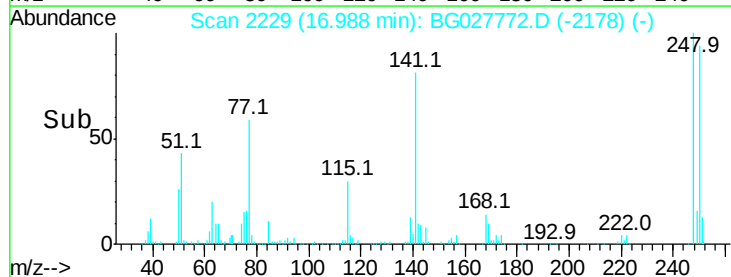
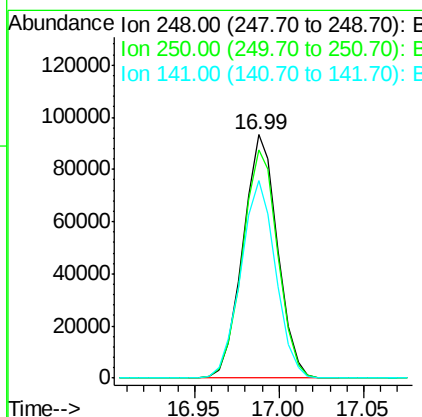
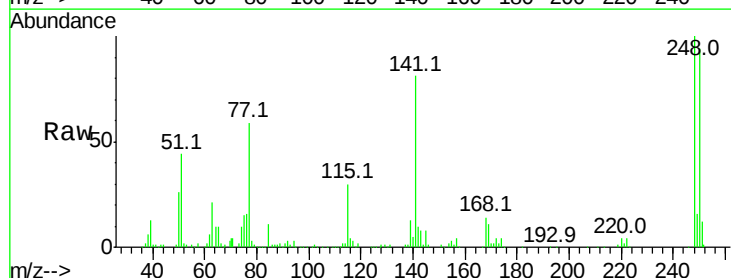
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:169 Resp: 384061
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.7 83.5
 167 37.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.51 ng
 RT: 16.99 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:248 Resp: 132805
 Ion Ratio Lower Upper
 248 100
 250 93.9 75.0 112.6
 141 81.3 55.2 82.8

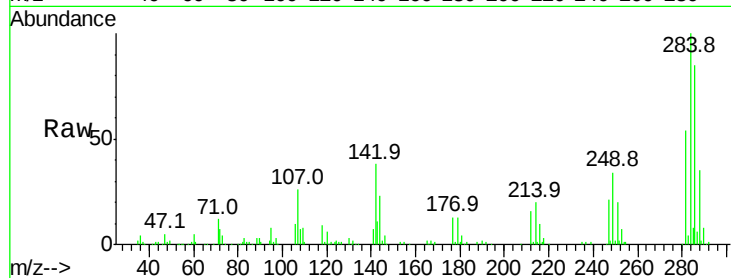




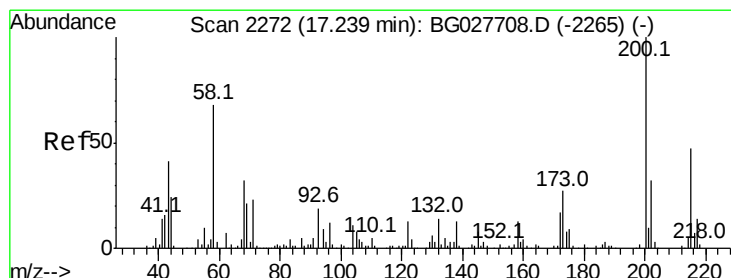
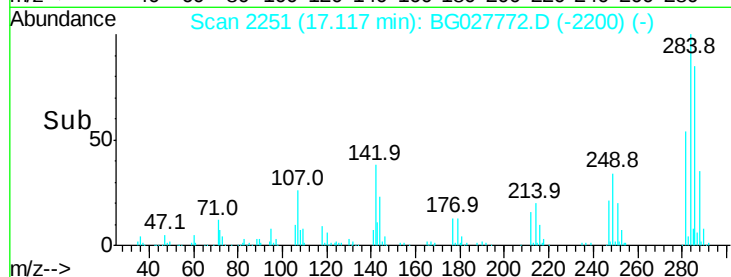
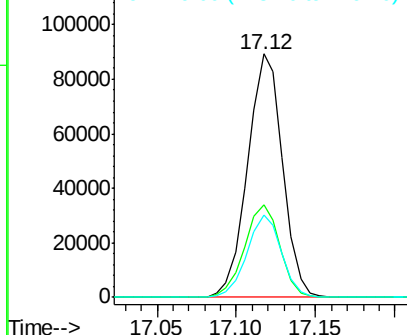
#67
Hexachlorobenzene
Concen: 43.18 ng
RT: 17.12 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

Tot Ion:284 Resp: 136443
Ion Ratio Lower Upper
284 100
142 38.2 29.9 44.9
249 33.9 29.2 43.8

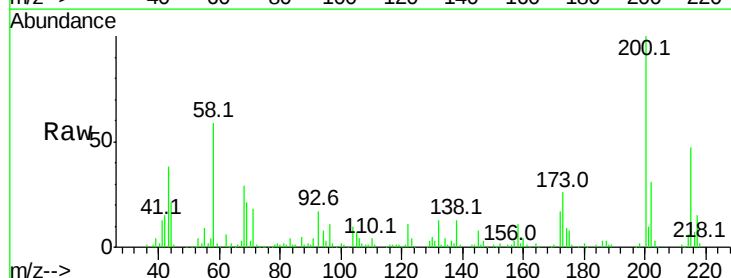


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

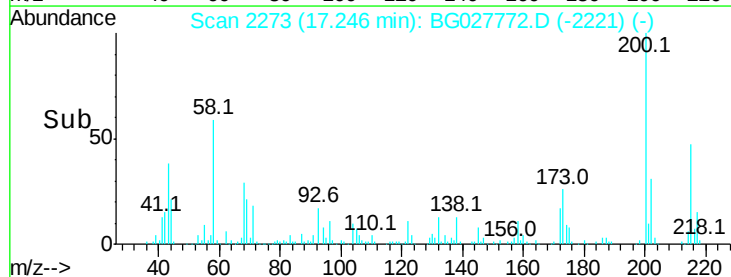
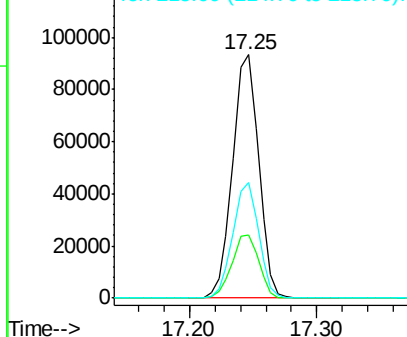


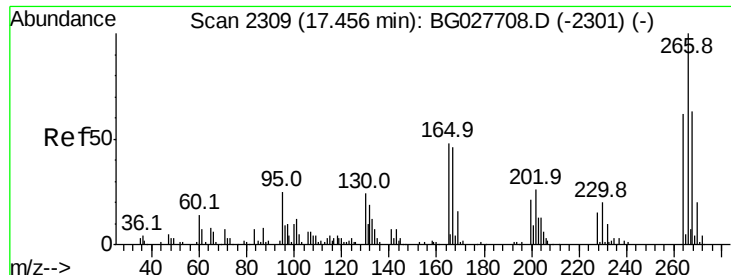
#68
Atrazine
Concen: 45.26 ng
RT: 17.25 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:200 Resp: 132616
Ion Ratio Lower Upper
200 100
173 26.0 3.0 43.0
215 47.3 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

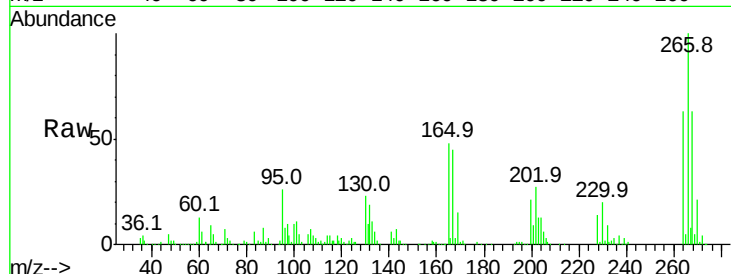




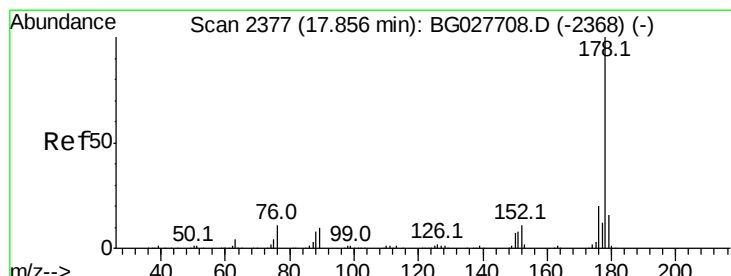
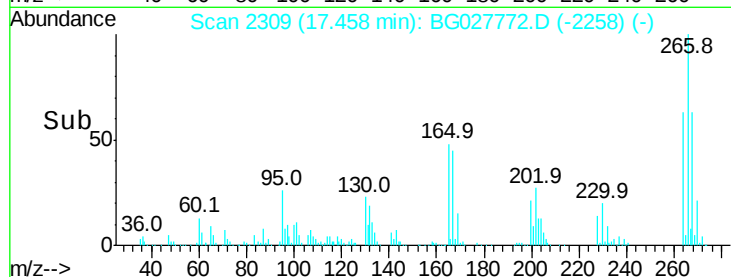
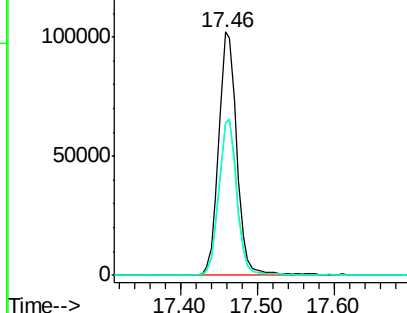
#69
 Pentachlorophenol
 Concen: 82.41 ng
 RT: 17.46 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:266 Resp: 166658
 Ion Ratio Lower Upper
 266 100
 268 62.6 48.6 72.8
 264 62.8 50.1 75.1

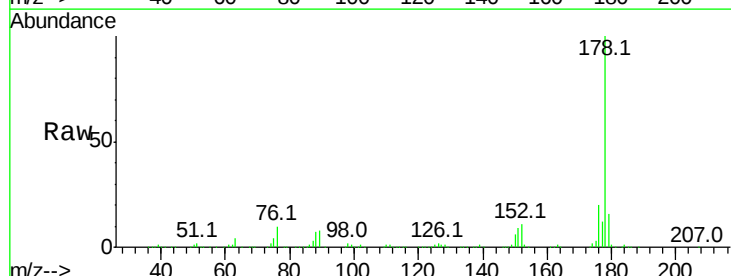


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

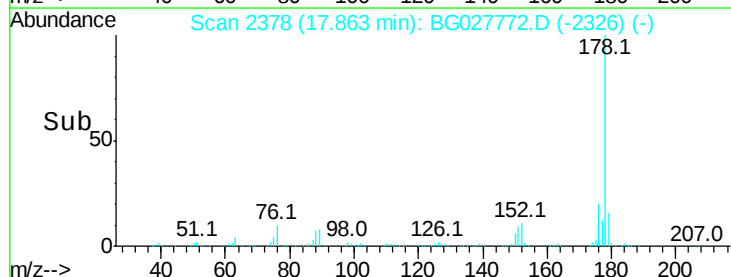
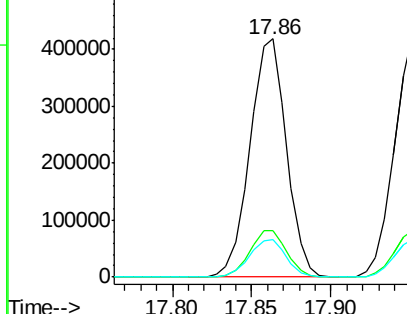


#70
 Phenanthrene
 Concen: 40.63 ng
 RT: 17.86 min Scan# 2378
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:178 Resp: 669054
 Ion Ratio Lower Upper
 178 100
 176 19.6 17.7 26.5
 179 15.8 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

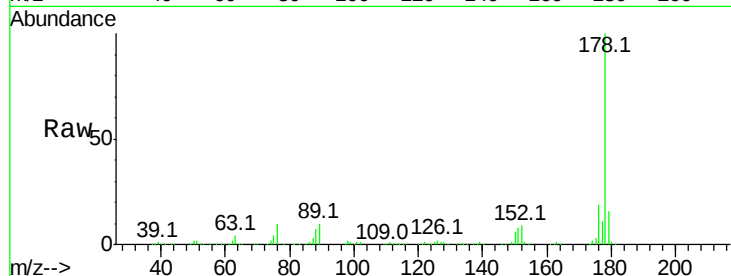




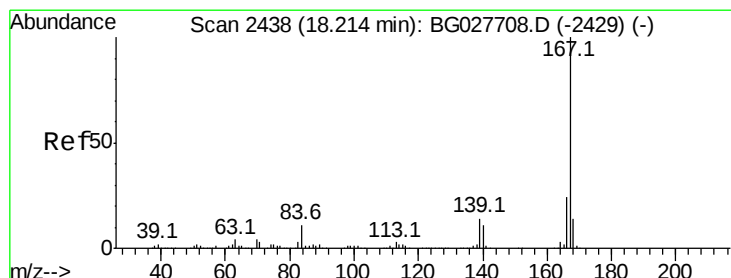
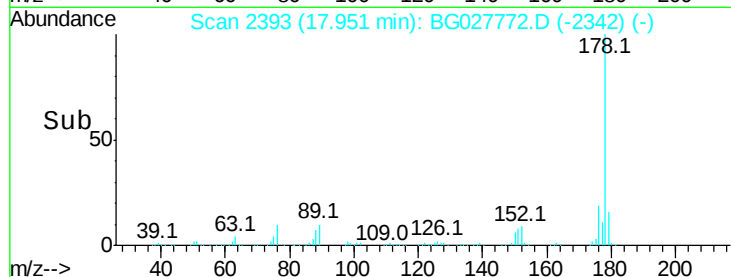
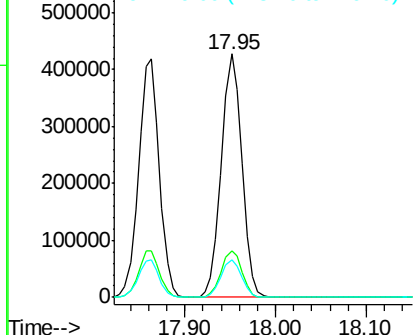
#71
 Anthracene
 Concen: 40.36 ng
 RT: 17.95 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:178 Resp: 671212
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.4 24.6
 179 15.6 13.8 20.8

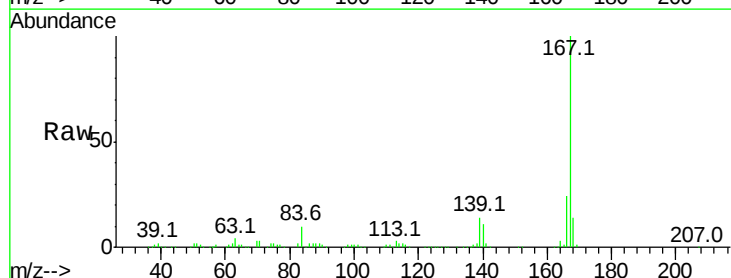


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

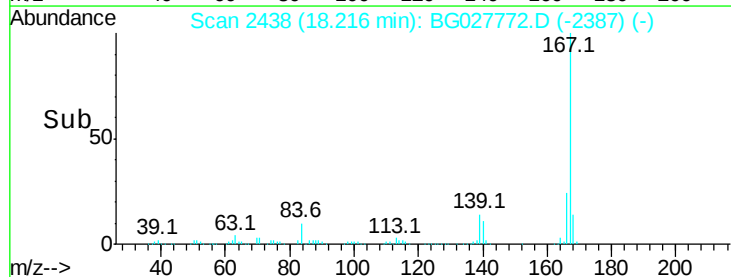
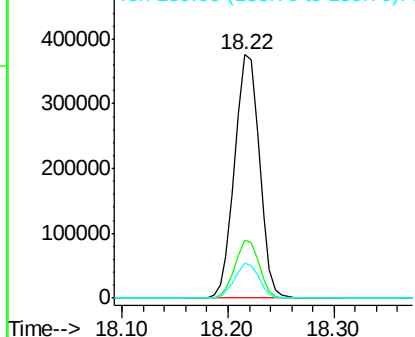


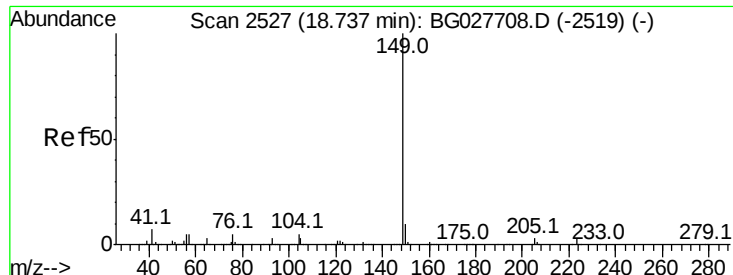
#72
 Carbazole
 Concen: 37.30 ng
 RT: 18.22 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:167 Resp: 610923
 Ion Ratio Lower Upper
 167 100
 166 23.8 20.2 30.2
 139 14.3 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

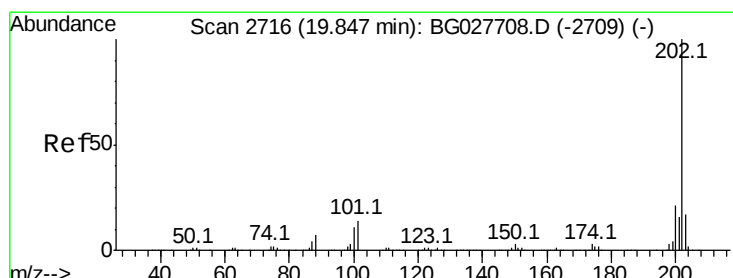
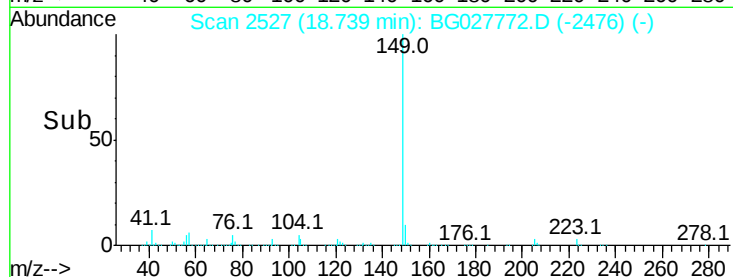
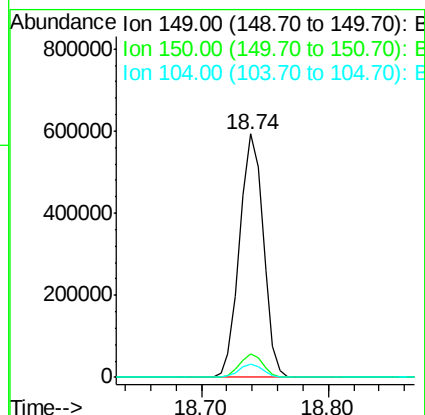
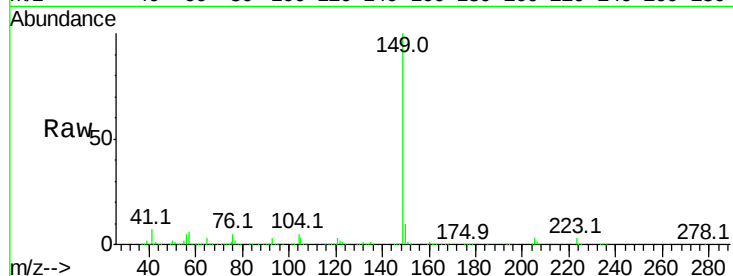




#73
Di-n-butylphthalate
Concen: 42.54 ng
RT: 18.74 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

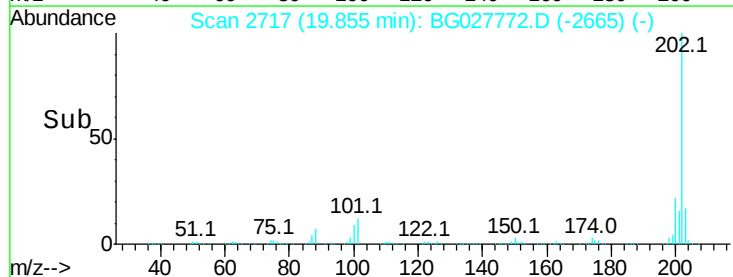
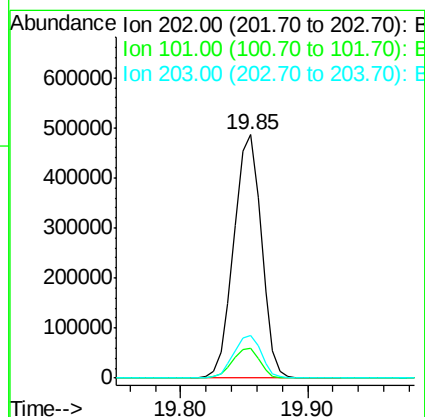
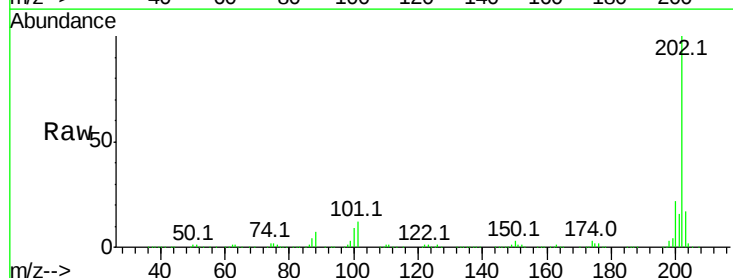
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

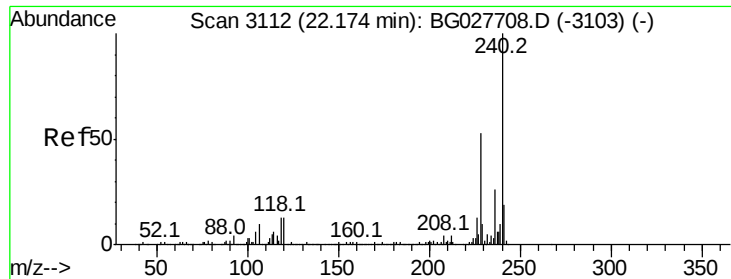
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.2	6.7	10.1



#74
Fluoranthene
Concen: 40.46 ng
RT: 19.85 min Scan# 2717
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.1
203	17.3	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

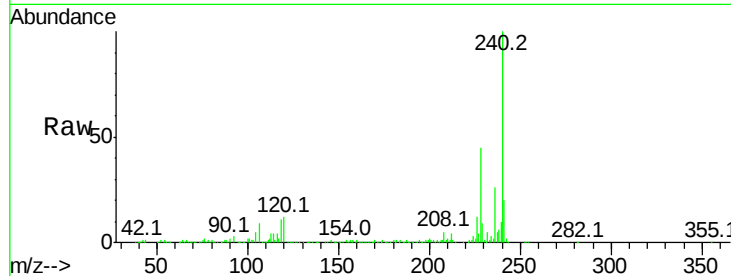
Tot Ion:240 Resp: 293145

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

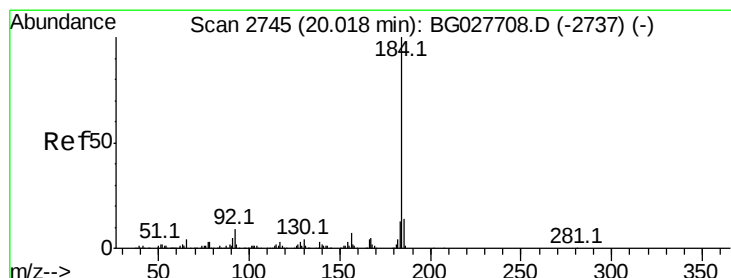
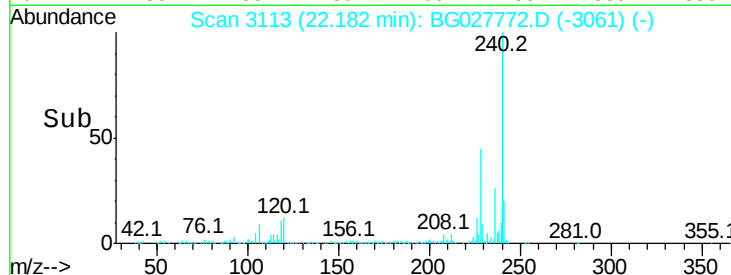
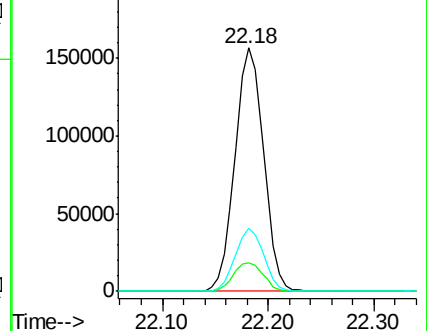
236 25.9 22.2 33.4



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: 31.72 ng

RT: 20.02 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

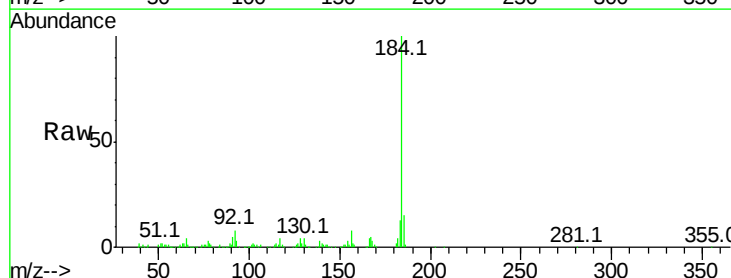
Tgt Ion:184 Resp: 213215

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

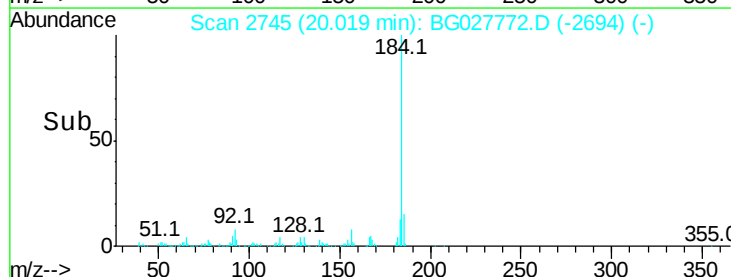
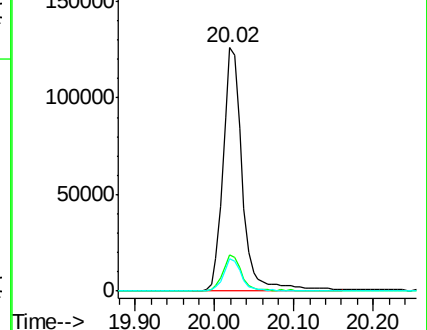
183 13.2 11.0 16.6

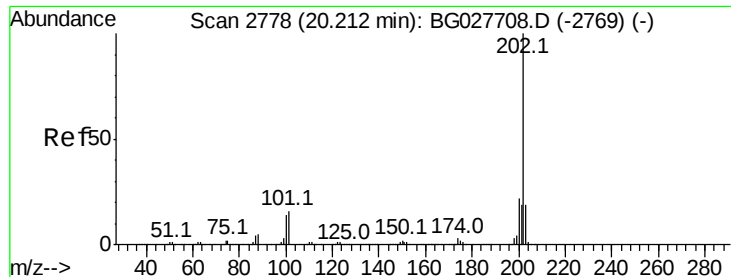


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.55 ng

RT: 20.21 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

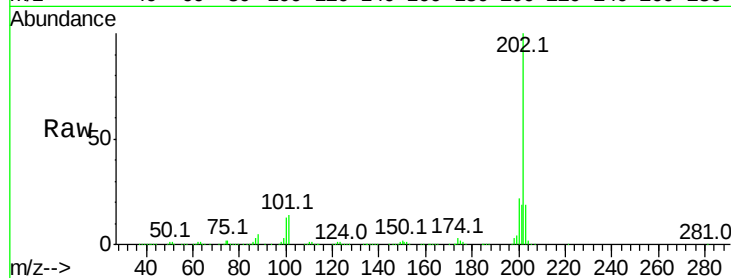
Tot Ion:202 Resp: 746039

Ion Ratio Lower Upper

202 100

200 22.2 19.6 29.4

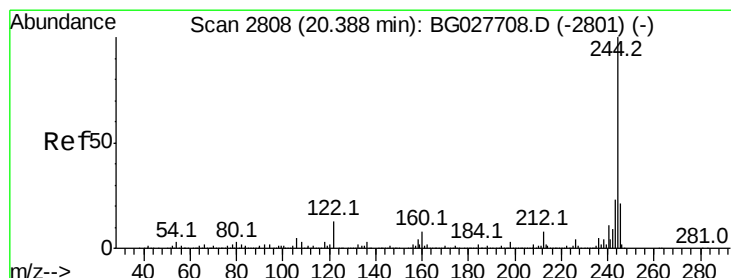
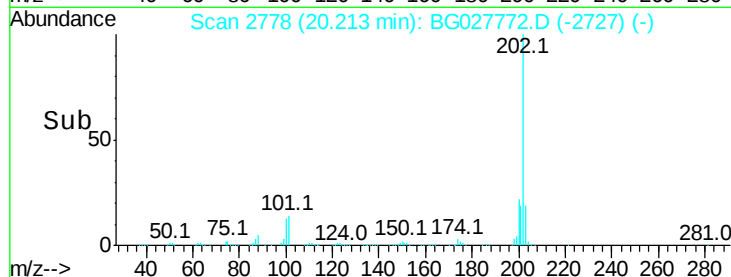
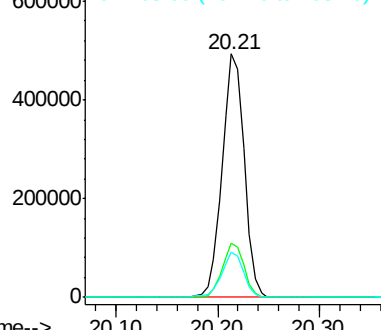
203 18.5 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.37 ng

RT: 20.40 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

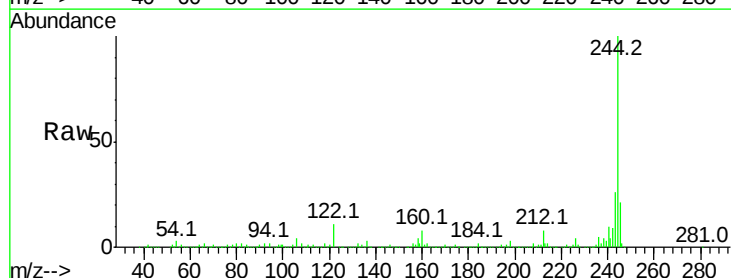
Tgt Ion:244 Resp: 1054973

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

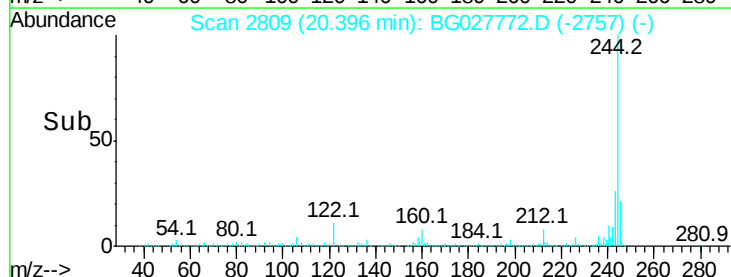
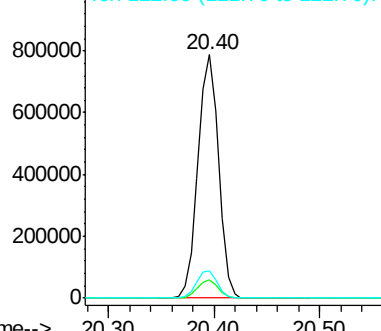
122 11.0 8.6 12.8

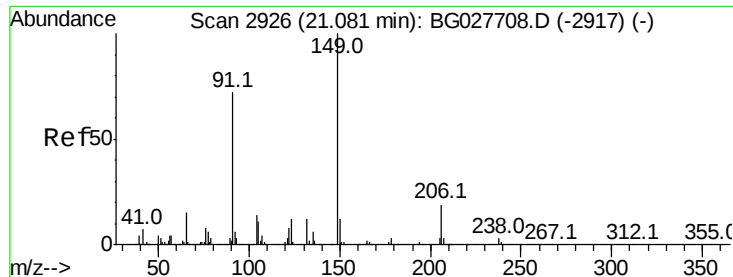


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

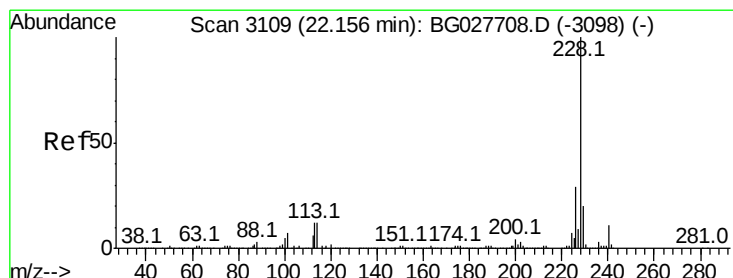
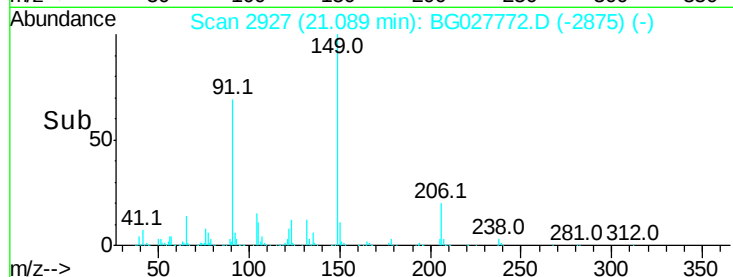
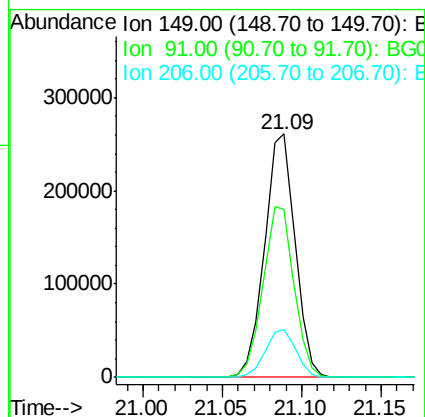
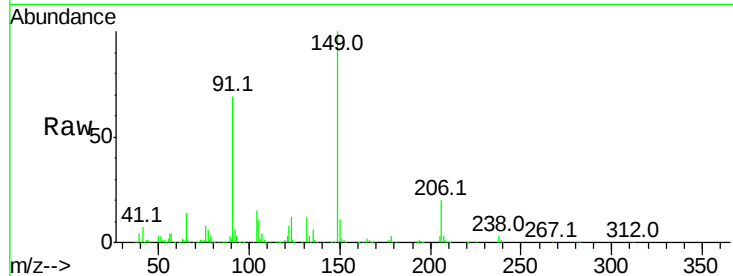




#79
Butylbenzylphthalate
Concen: 42.55 ng
RT: 21.09 min Scan# 2927
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

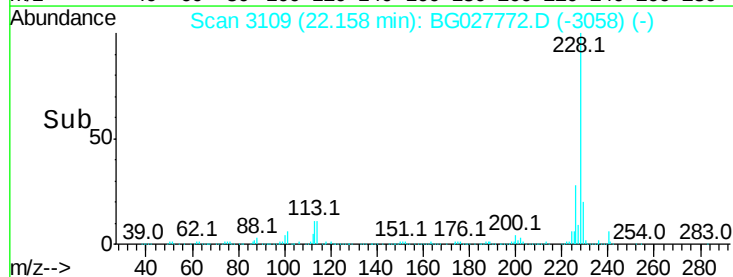
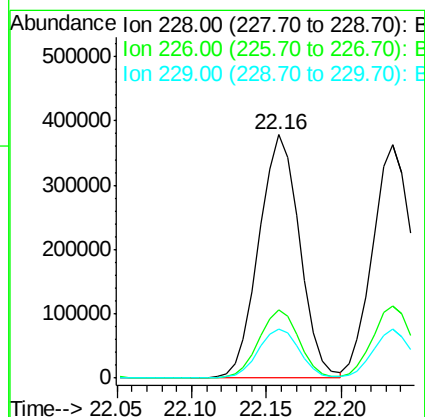
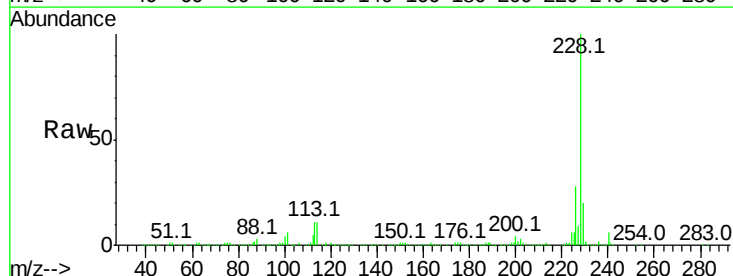
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

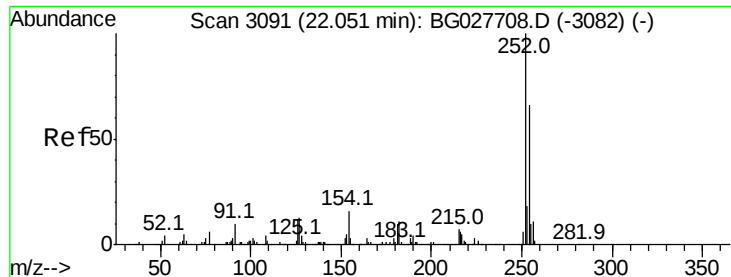
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	63.5	95.3
206	19.9	21.0	31.6



#80
Benzo(a)anthracene
Concen: 40.42 ng
RT: 22.16 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	20.4	18.2	27.2

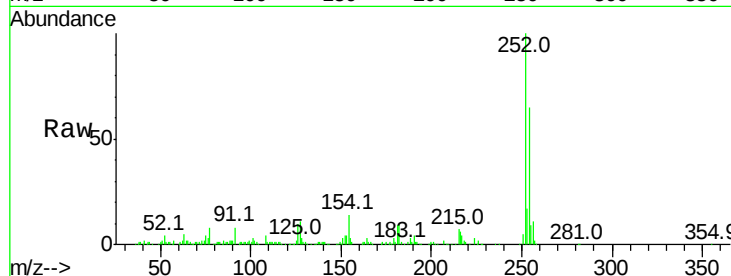




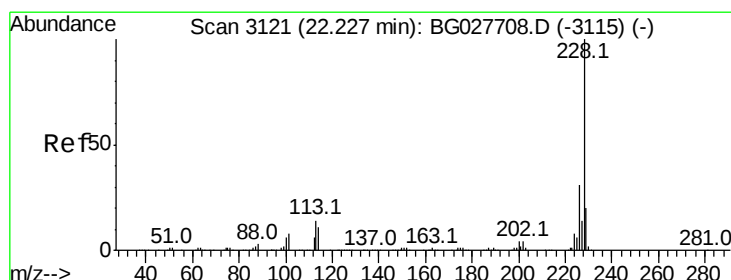
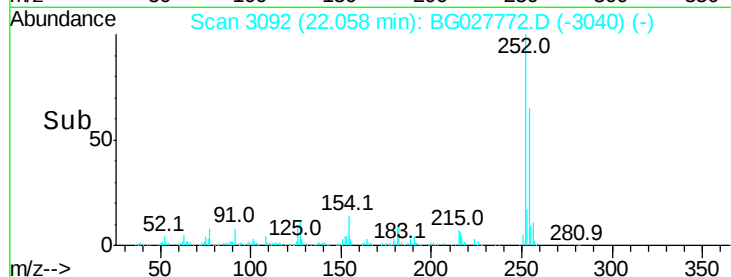
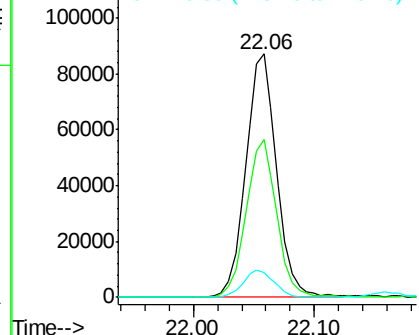
#81
 3,3'-Dichlorobenzidine
 Concen: 24.01 ng
 RT: 22.06 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

Tot Ion:252 Resp: 154439
 Ion Ratio Lower Upper
 252 100
 254 64.8 53.1 79.7
 126 10.4 7.0 10.4

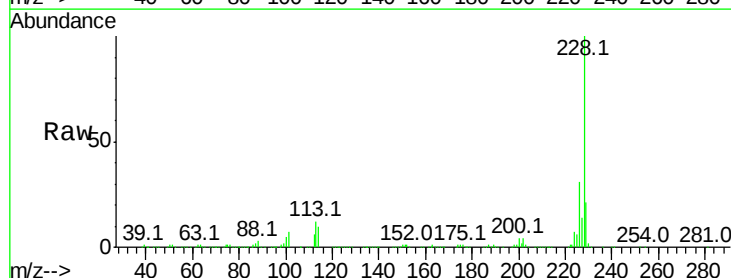


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

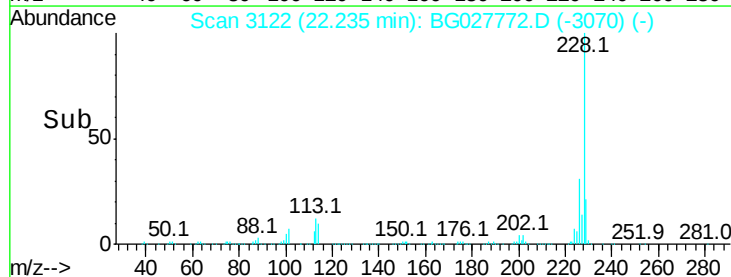
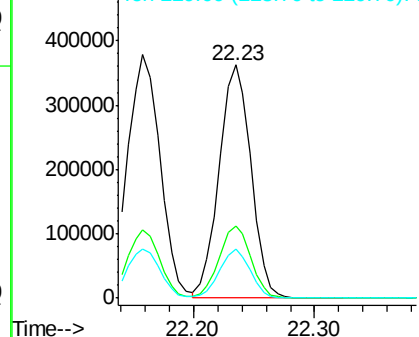


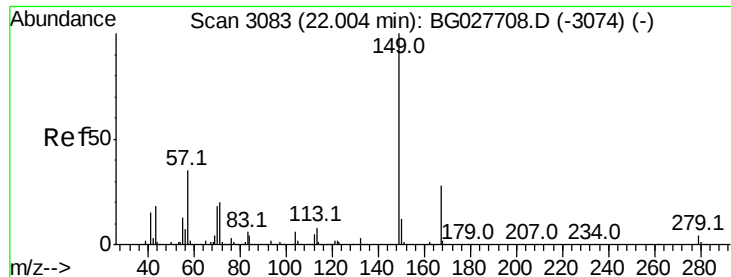
#82
 Chrysene
 Concen: 39.65 ng
 RT: 22.23 min Scan# 3122
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:228 Resp: 658679
 Ion Ratio Lower Upper
 228 100
 226 31.1 27.0 40.4
 229 20.8 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

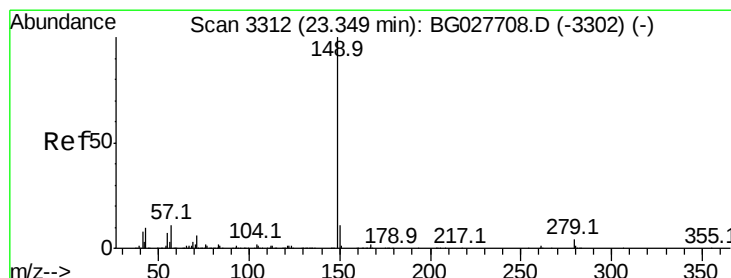
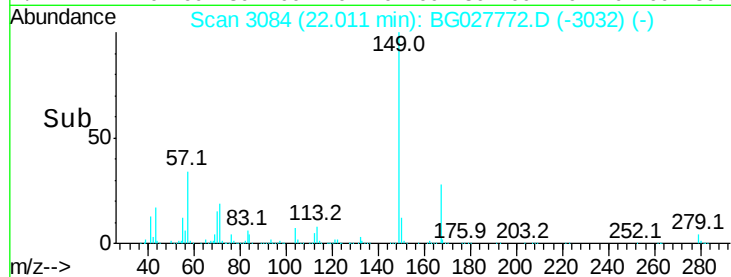
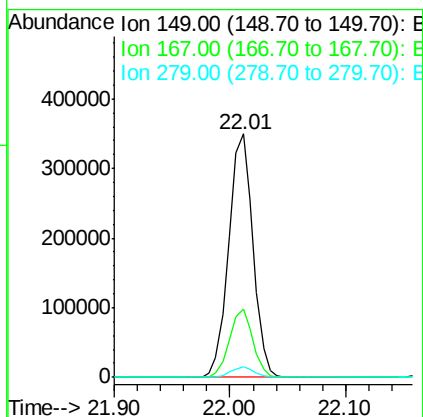
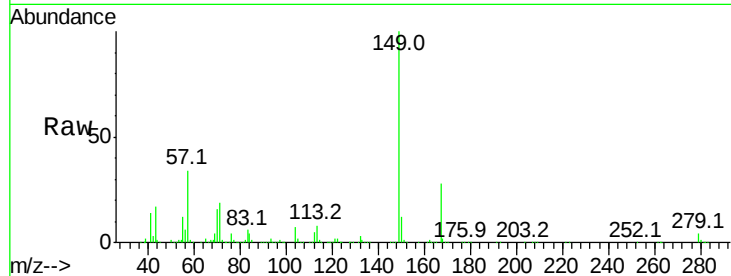




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.90 ng
 RT: 22.01 min Scan# 3084
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

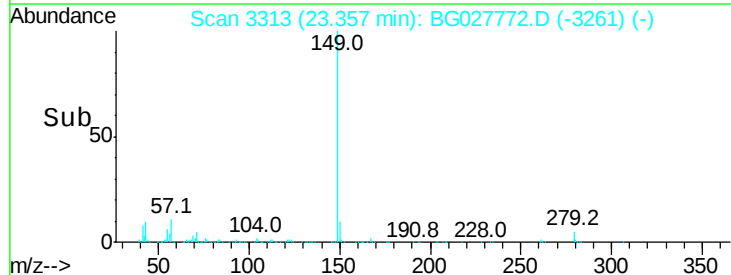
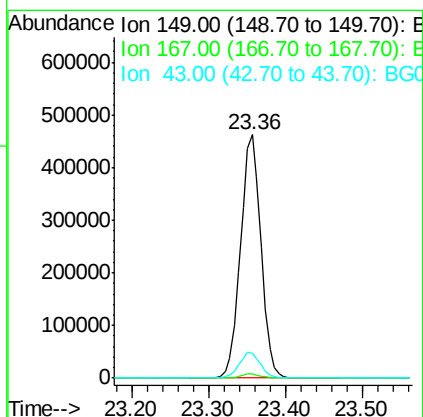
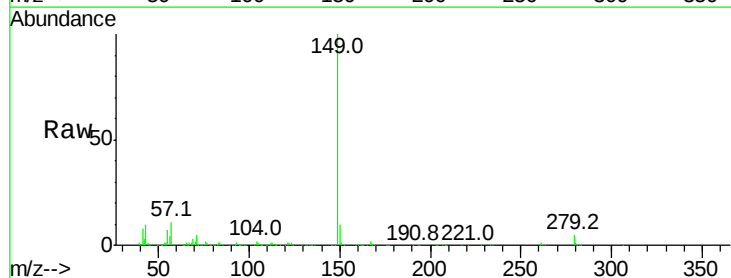
Instrument :
 BNA_G
 ClientSampleId :
 MH-2093-COMPMSD

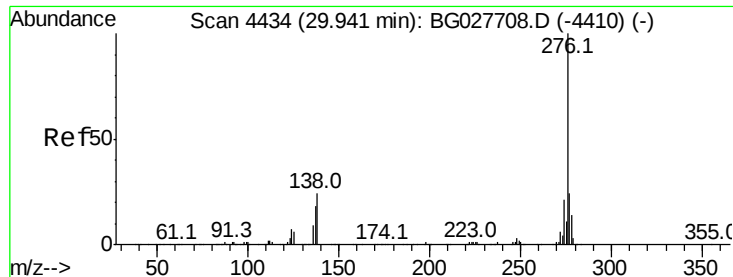
Tot Ion:149 Resp: 507358
 Ion Ratio Lower Upper
 149 100
 167 27.9 23.7 35.5
 279 4.3 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 42.90 ng
 RT: 23.36 min Scan# 3313
 Delta R.T. 0.01 min
 Lab File: BG027772.D
 Acq: 1 Jul 2017 3:06

Tgt Ion:149 Resp: 858131
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 10.7 11.8 17.6#

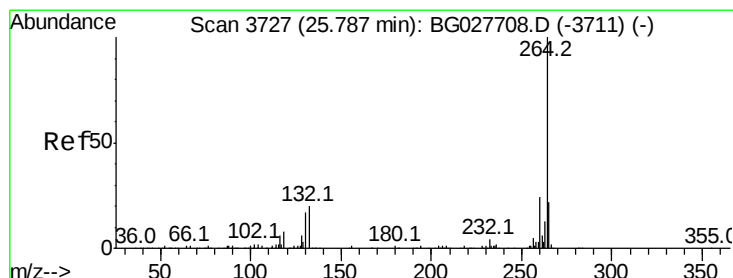
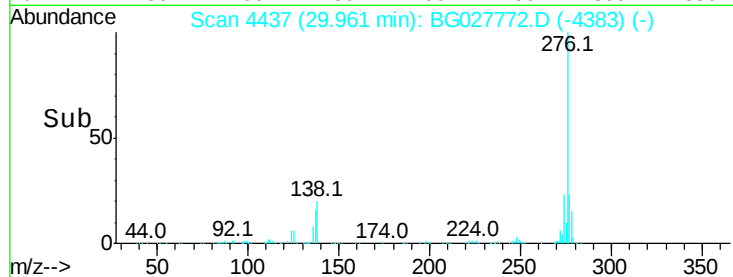
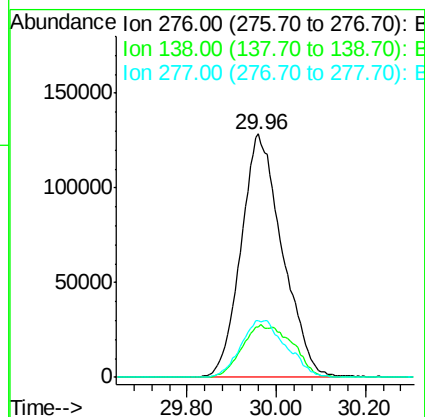
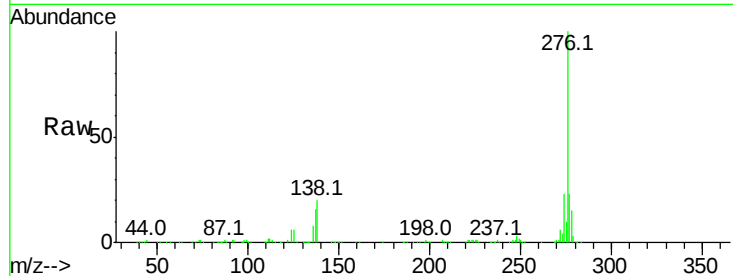




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.36 ng
RT: 29.96 min Scan# 4437
Delta R.T. 0.02 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

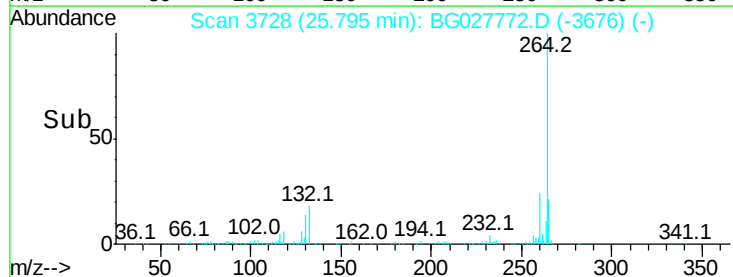
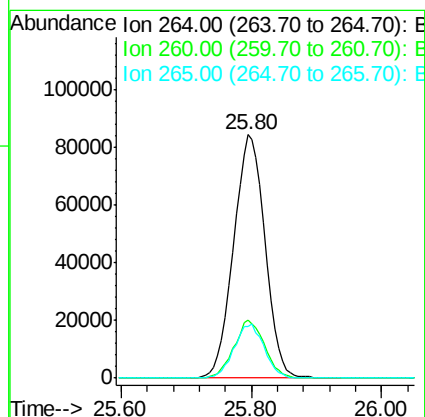
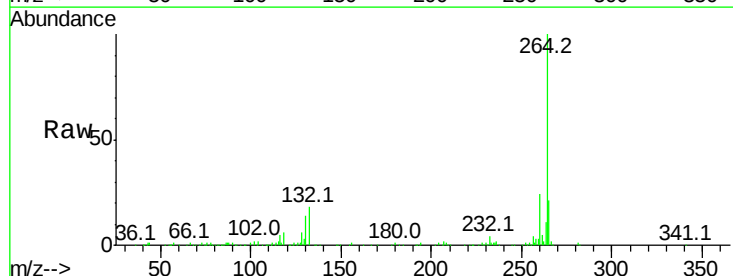
Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMSD

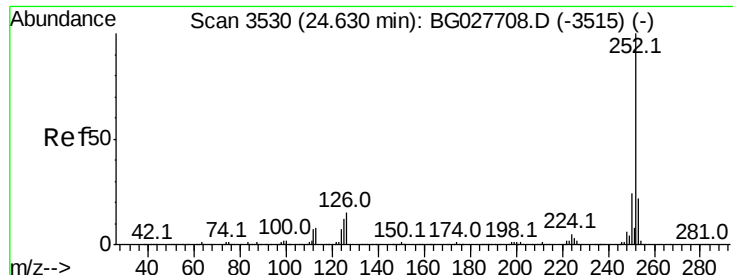
Tot Ion:276 Resp: 823309
Ion Ratio Lower Upper
276 100
138 14.1 4.7 7.1#
277 25.9 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.80 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG027772.D
Acq: 1 Jul 2017 3:06

Tgt Ion:264 Resp: 281142
Ion Ratio Lower Upper
264 100
260 23.8 21.8 32.8
265 21.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 39.92 ng

RT: 24.64 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

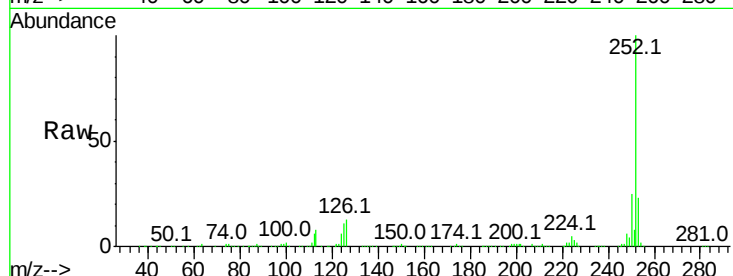
Tot Ion:252 Resp: 723007

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

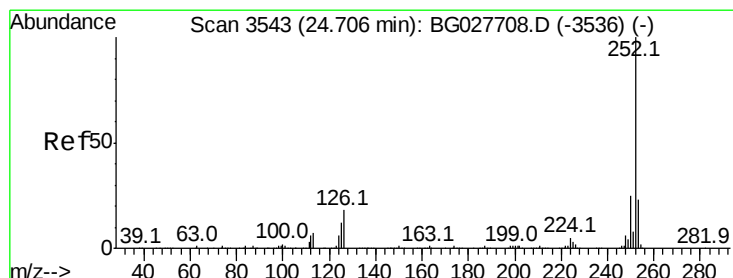
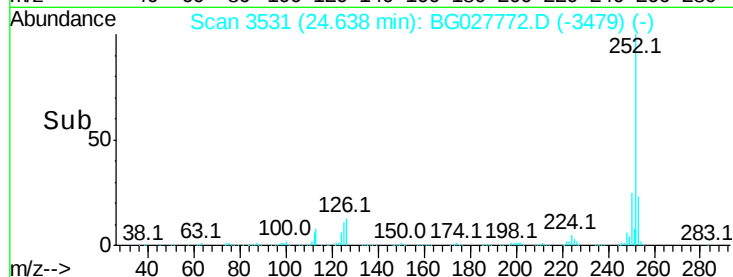
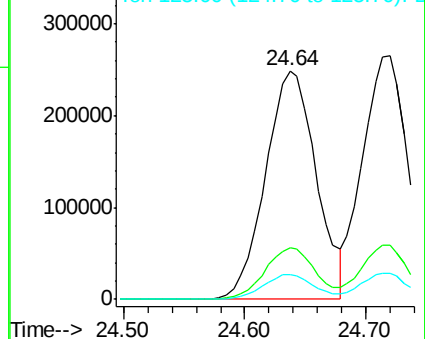
125 11.1 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.93 ng

RT: 24.72 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

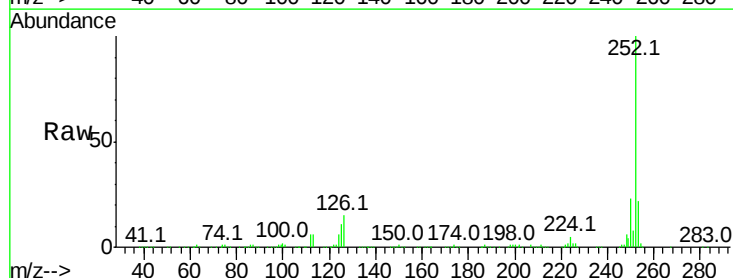
Tgt Ion:252 Resp: 697017

Ion Ratio Lower Upper

252 100

253 22.1 20.2 30.2

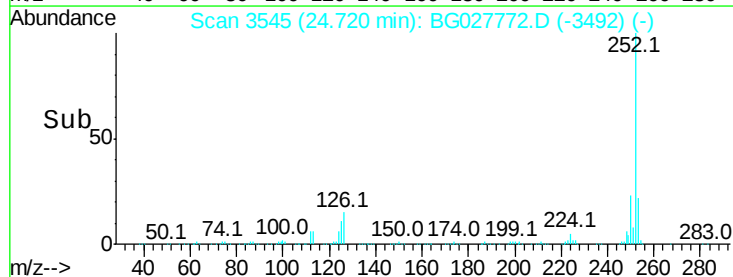
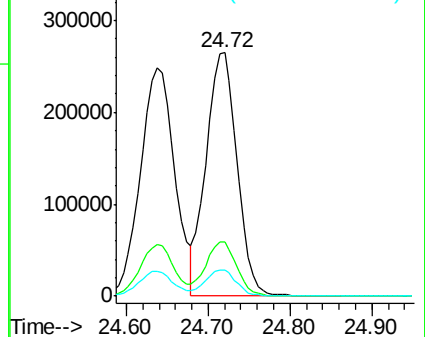
125 10.8 5.1 7.7#

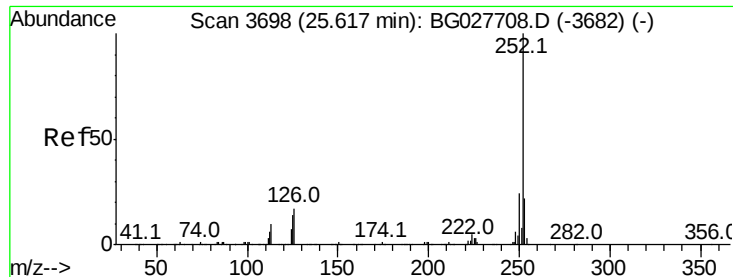


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.51 ng

RT: 25.62 min Scan# 3699

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

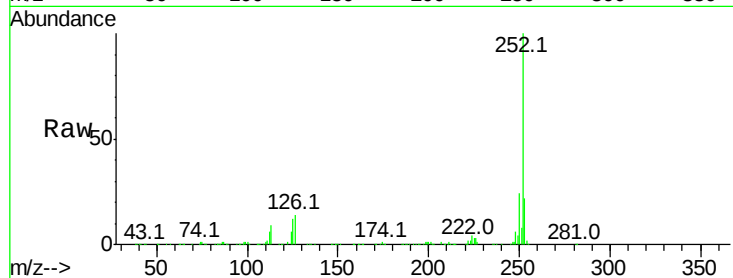
Tot Ion:252 Resp: 688427

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

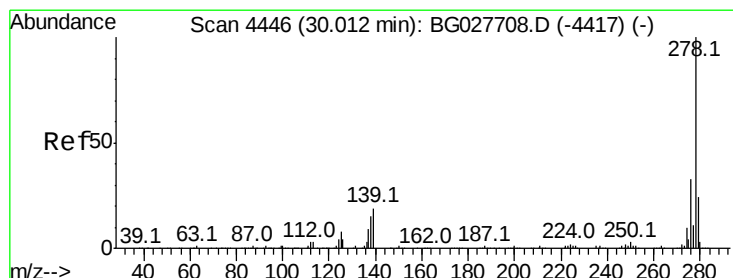
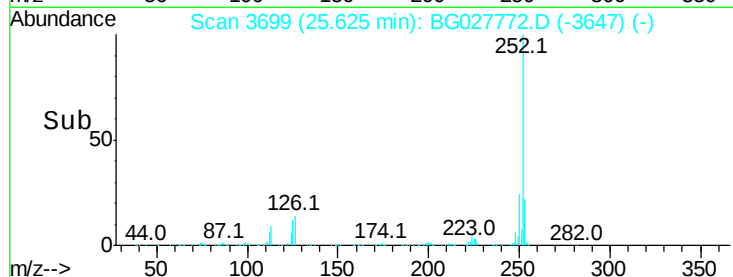
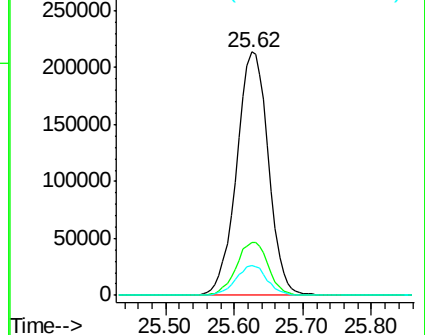
125 12.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.87 ng

RT: 30.03 min Scan# 4448

Delta R.T. 0.01 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

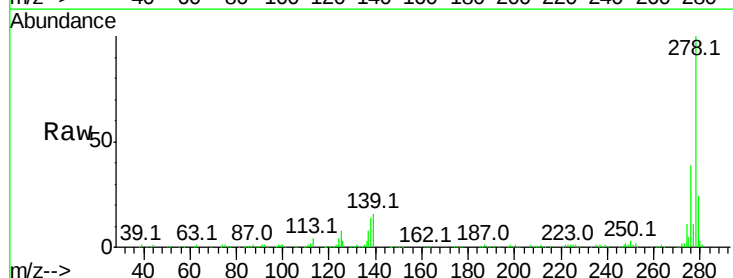
Tgt Ion:278 Resp: 703751

Ion Ratio Lower Upper

278 100

139 16.1 7.7 11.5#

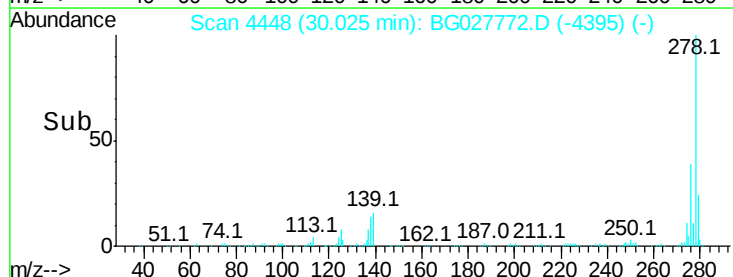
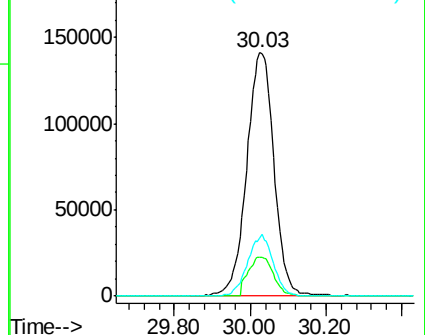
279 23.8 19.1 28.7

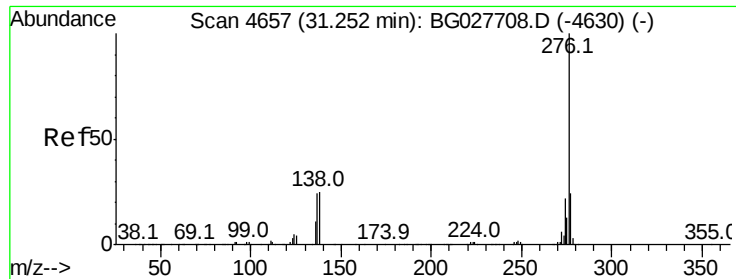


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.04 ng

RT: 31.27 min Scan# 4660

Delta R.T. 0.02 min

Lab File: BG027772.D

Acq: 1 Jul 2017 3:06

Instrument :

BNA_G

ClientSampleId :

MH-2093-COMPMSD

Tot Ion:276 Resp: 662581

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 22.0 8.1 12.1#

