

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026693.D
 Acq On : 21 Apr 2017 19:31
 Operator : SJ/MA
 Sample : I2782-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

Quant Time: Apr 22 04:26:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	195373	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	856019	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	539888	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1291243	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1338915	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1342072	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	740734	68.92	ng	0.00
7) Phenol-d6	7.22	99	663616	47.12	ng	0.01
23) Nitrobenzene-d5	9.19	82	1173355	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	1036224	137.75	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3186592	87.91	ng	-0.01
78) Terphenyl-d14	19.97	244	4058071	89.48	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	68716	12.23	ng	# 68
3) Pyridine	3.89	79	227518	18.08	ng	# 61
4) n-Nitrosodimethylamine	3.80	42	63149	17.26	ng	# 1
6) Aniline	7.35	93	276546	15.73	ng	# 83
8) 2-Chlorophenol	7.61	128	502183	39.16	ng	# 76
9) Benzaldehyde	7.17	77	133940	14.04	ng	# 65
10) Phenol	7.24	94	265751	17.34	ng	# 69
11) bis(2-Chloroethyl)ether	7.45	93	543617	44.57	ng	# 79
12) 1,3-Dichlorobenzene	7.92	146	567017	37.52	ng	# 86
13) 1,4-Dichlorobenzene	8.06	146	580081	37.78	ng	# 92
14) 1,2-Dichlorobenzene	8.39	146	566006	39.02	ng	# 91
15) Benzyl Alcohol	8.28	79	314884	35.75	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	518157	43.91	ng	# 77
17) 2-Methylphenol	8.49	107	375392	34.96	ng	# 82
18) Hexachloroethane	9.11	117	178328	36.81	ng	# 94
19) n-Nitroso-di-n-propylamine	8.83	70	413181	47.33	ng	# 71
20) 3+4-Methylphenols	8.82	107	473484	32.09	ng	# 87
22) Acetophenone	8.85	105	869442	44.44	ng	# 74
24) Nitrobenzene	9.23	77	607628	46.77	ng	# 70
25) Isophorone	9.75	82	1172001	46.60	ng	# 88
26) 2-Nitrophenol	9.94	139	358136	45.50	ng	# 62
27) 2,4-Dimethylphenol	10.02	122	447898	35.26	ng	# 85
28) bis(2-Chloroethoxy)methane	10.23	93	778349	47.35	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	647878	48.77	ng	# 93
30) 1,2,4-Trichlorobenzene	10.69	180	617222	41.68	ng	# 97
31) Naphthalene	10.88	128	1899941	45.22	ng	# 99
32) Benzoic acid	10.13	122	117193	19.70	ng	# 68
33) 4-Chloroaniline	11.00	127	147648	8.19	ng	# 80
34) Hexachlorobutadiene	11.17	225	339456	40.09	ng	# 98
35) Caprolactam	11.76	113	40275	7.81	ng	# 49
36) 4-Chloro-3-methylphenol	12.12	107	628826	46.99	ng	# 72
37) 2-Methylnaphthalene	12.48	142	1494384	46.22	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	733425	44.10	ng	# 97
40) Hexachlorocyclopentadiene	12.82	237	744251	88.57	ng	# 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

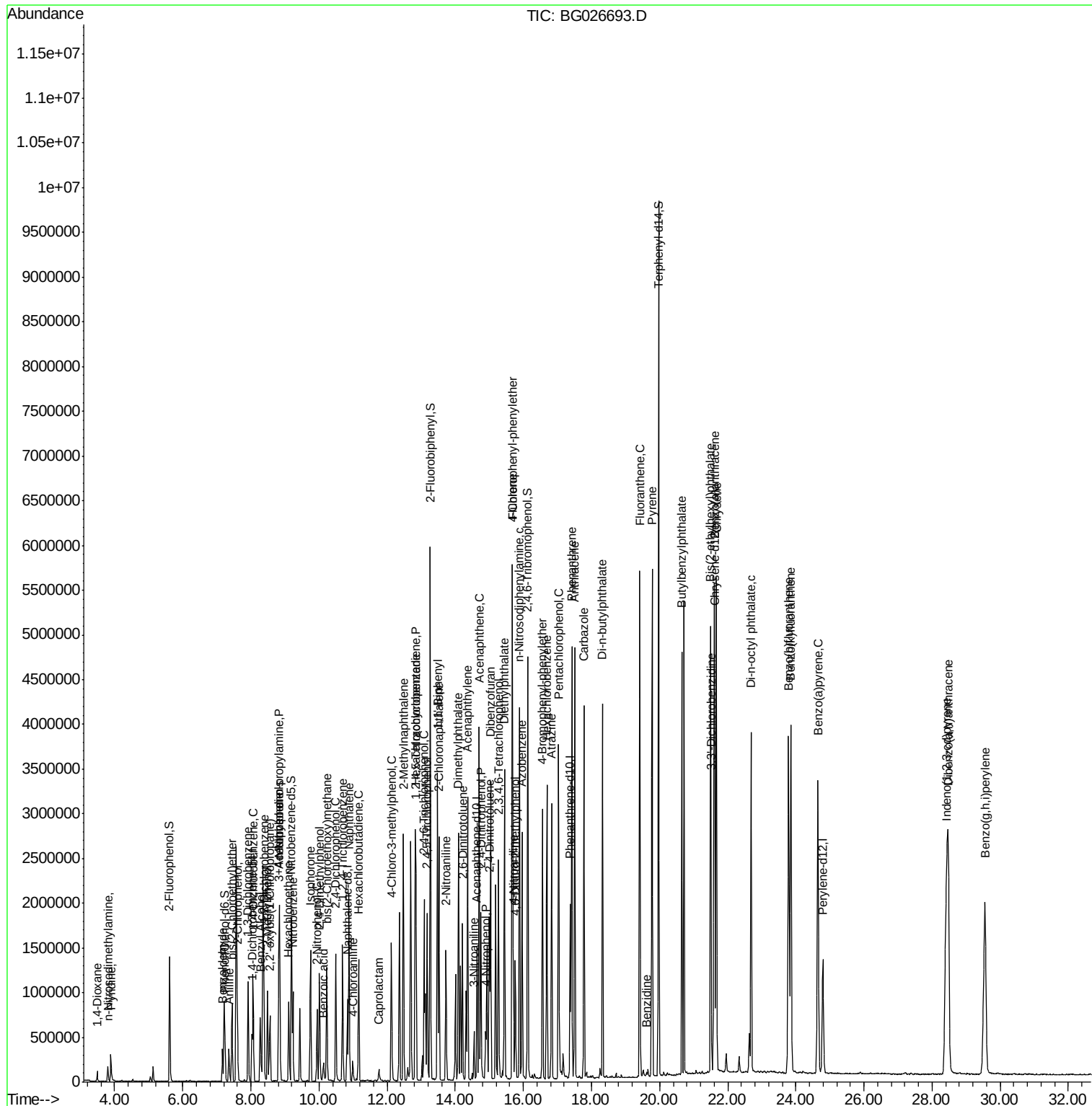
42) 2,4,6-Trichlorophenol	13.09	196	574306	48.50	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	617242	49.29	nq	# 91
45) 1,1'-Biphenyl	13.48	154	1980656	45.15	nq	98
46) 2-Chloronaphthalene	13.52	162	1500164	45.12	nq	98
47) 2-Nitroaniline	13.73	65	428785	50.50	nq	# 49
48) Acenaphthylene	14.36	152	2449925	45.83	nq	98
49) Dimethylphthalate	14.09	163	2078501	48.63	nq	100
50) 2,6-Dinitrotoluene	14.22	165	503982	50.43	nq	# 56
51) Acenaphthene	14.70	154	1598122	46.97	nq	99
52) 3-Nitroaniline	14.55	138	191187	17.54	nq	# 64
53) 2,4-Dinitrophenol	14.76	184	582996	96.24	nq	# 76
54) Dibenzofuran	15.04	168	2428547	45.79	nq	91
55) 4-Nitrophenol	14.89	139	270446	29.39	nq	# 37
56) 2,4-Dinitrotoluene	15.00	165	716407	50.48	nq	# 67
57) Fluorene	15.68	166	2044581	46.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	577771	45.37	nq	# 95
59) Diethylphthalate	15.44	149	1998545	46.00	nq	96
60) 4-Chlorophenyl-phenylether	15.67	204	1042431	47.83	nq	91
61) 4-Nitroaniline	15.71	138	450606	38.76	nq	# 51
62) Azobenzene	15.96	77	1602063	47.79	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	427389	49.01	nq	84
65) n-Nitrosodiphenylamine	15.88	169	1797241	48.25	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	709778	50.31	nq	92
67) Hexachlorobenzene	16.69	284	765037	49.32	nq	# 88
68) Atrazine	16.83	200	672322	46.16	nq	97
69) Pentachlorophenol	17.04	266	864157	92.22	nq	97
70) Phenanthrene	17.42	178	3067889	46.15	nq	97
71) Anthracene	17.51	178	3169545	46.13	nq	94
72) Carbazole	17.78	167	2891436	43.95	nq	96
73) Di-n-butylphthalate	18.32	149	3270665	44.34	nq	# 95
74) Fluoranthene	19.42	202	3376363	43.80	nq	94
76) Benzidine	19.62	184	5199m	3.85	nq	
77) Pyrene	19.78	202	3383749	46.94	nq	92
79) Butylbenzylphthalate	20.65	149	1534180	49.47	nq	86
80) Benzo(a)anthracene	21.60	228	3424903	47.36	nq	96
81) 3,3'-Dichlorobenzidine	21.51	252	236153	7.87	nq	98
82) Chrysene	21.67	228	3137254	47.15	nq	94
83) Bis(2-ethylhexyl)phthalate	21.50	149	2188336	48.96	nq	94
84) Di-n-octyl phthalate	22.68	149	3651282	48.92	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4516963	49.51	nq	# 87
87) Benzo(b)fluoranthene	23.79	252	3744760	48.73	nq	# 94
88) Benzo(k)fluoranthene	23.86	252	3521103	47.54	nq	# 97
89) Benzo(a)pyrene	24.65	252	3546007	47.80	nq	# 95
90) Dibenzo(a,h)anthracene	28.48	278	3823890	50.18	nq	# 90
91) Benzo(g,h,i)perylene	29.55	276	3751131	49.23	nq	# 87

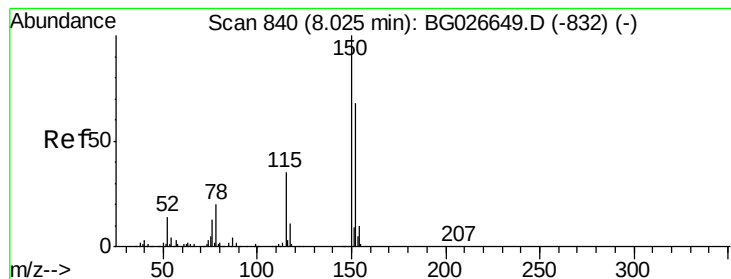
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 7      Sample Multiplier: 1
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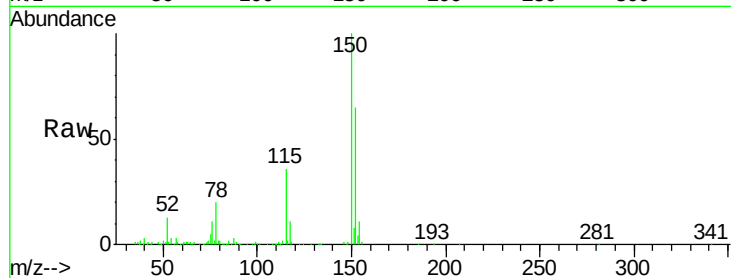


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	114.0	171.0
115	55.6	48.1	72.1

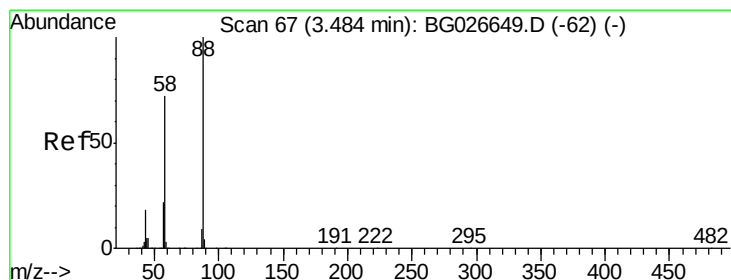
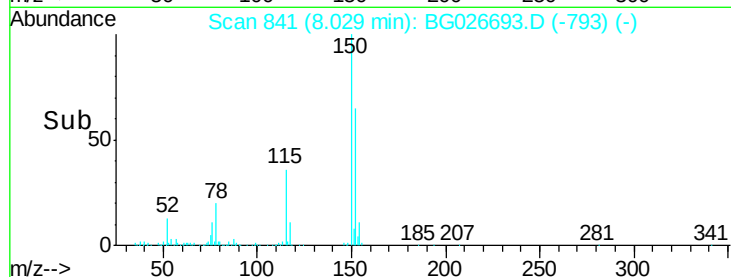
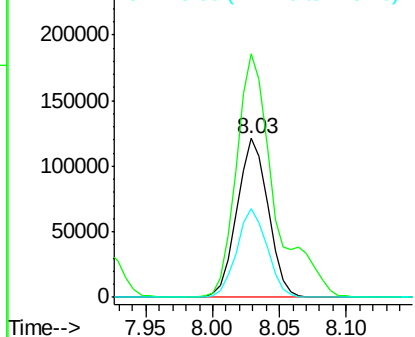


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

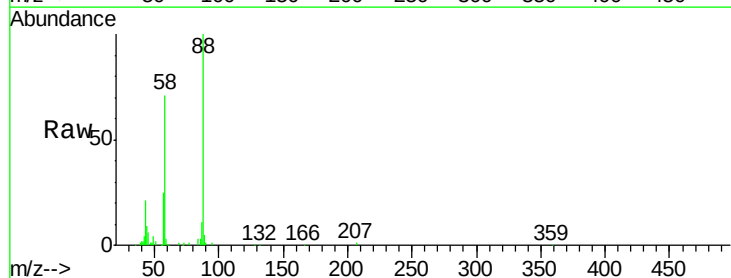
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.23 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	79.4	119.2#
43	21.4	33.8	50.6#

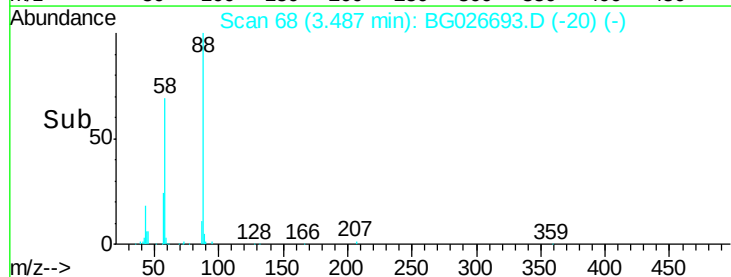
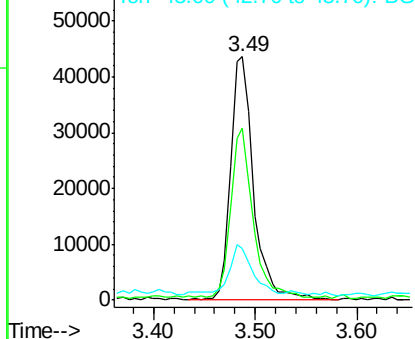


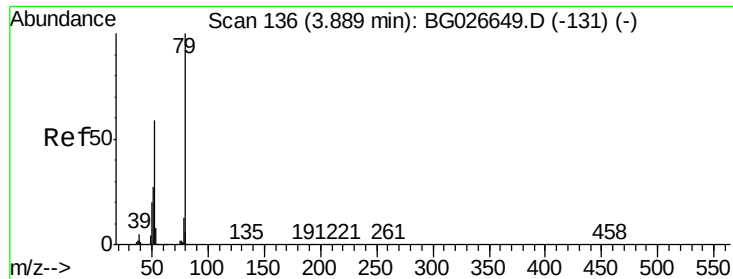
Abundance

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: 18.08 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

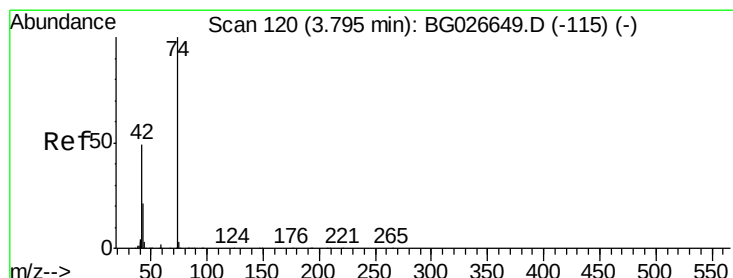
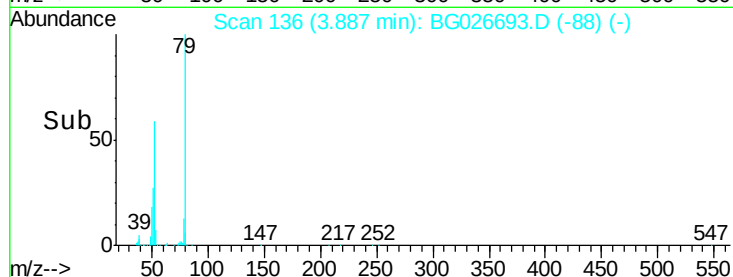
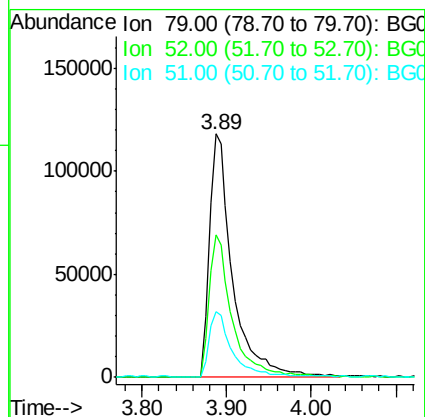
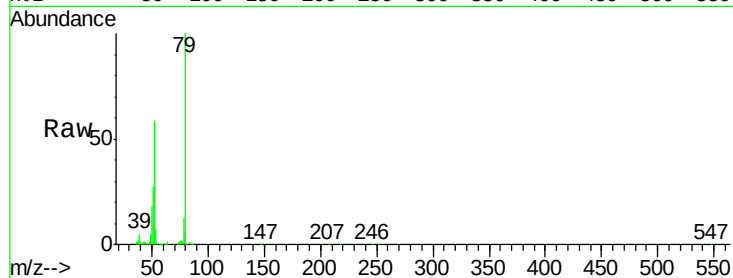
Tot Ion: 79 Resp: 227518

Ion Ratio Lower Upper

79 100

52 58.4 77.8 116.6#

51 27.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 17.26 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

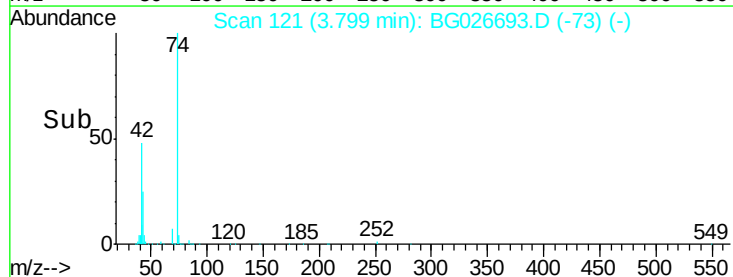
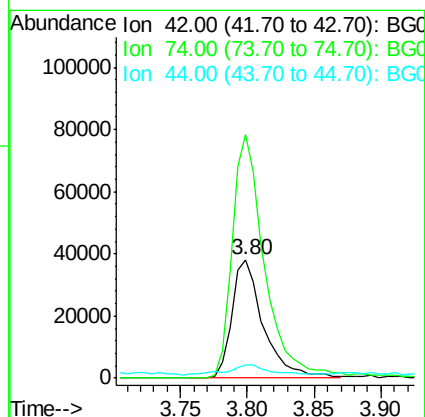
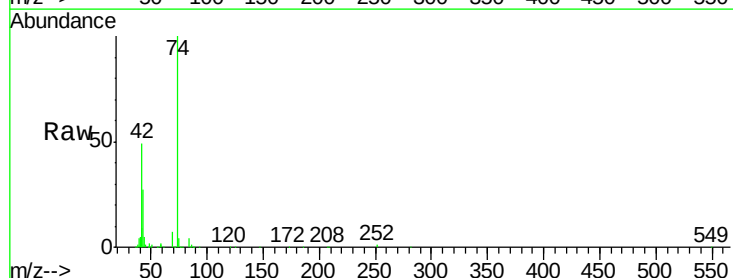
Tgt Ion: 42 Resp: 63149

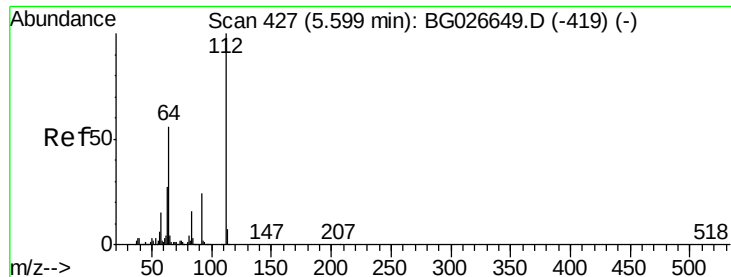
Ion Ratio Lower Upper

42 100

74 205.4 76.7 115.1#

44 11.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 68.92 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

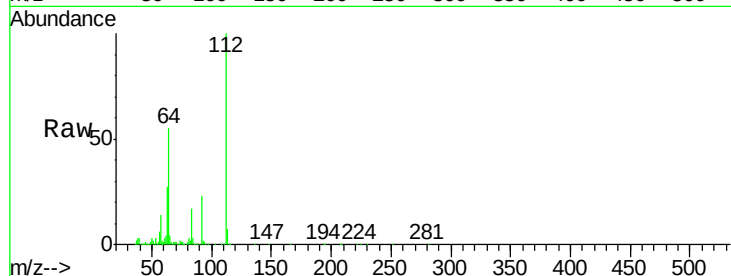
Tot Ion:112 Resp: 740734

Ion Ratio Lower Upper

112 100

64 55.0 61.8 92.6#

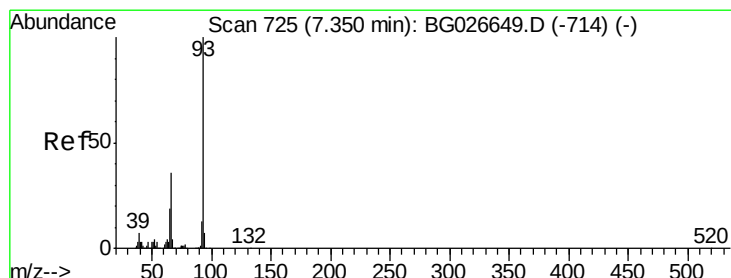
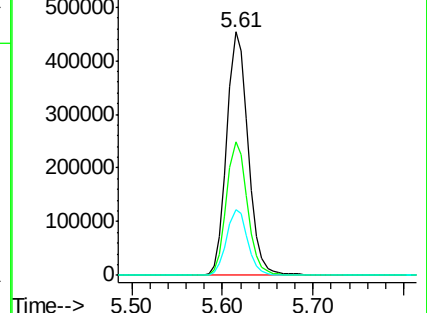
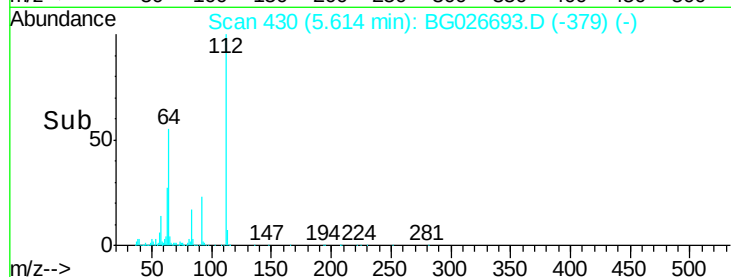
63 27.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.73 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

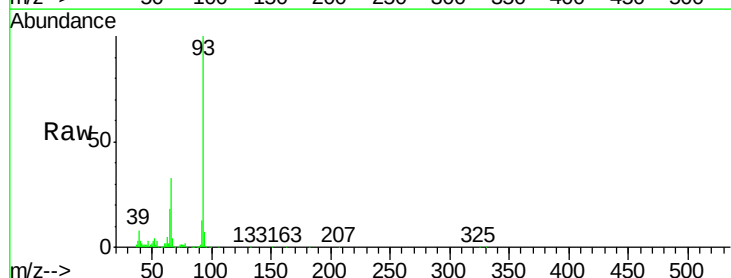
Tgt Ion: 93 Resp: 276546

Ion Ratio Lower Upper

93 100

66 33.1 35.4 53.2#

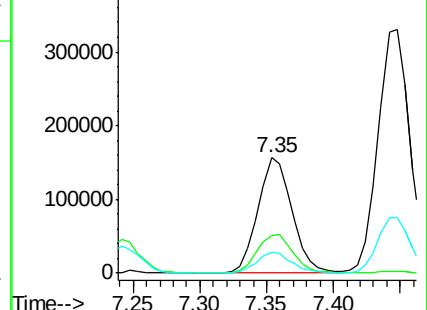
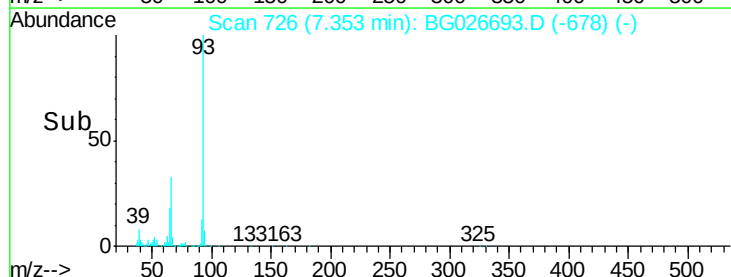
65 18.5 21.2 31.8#

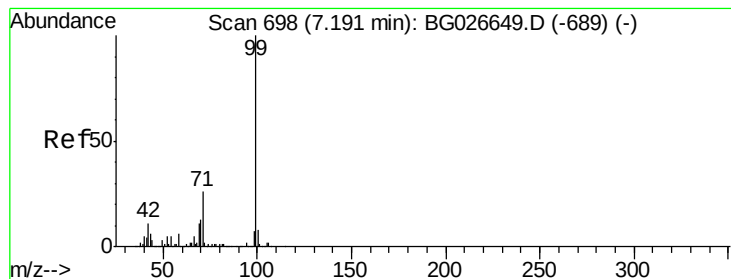


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 47.12 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

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HW-7-42017MSD

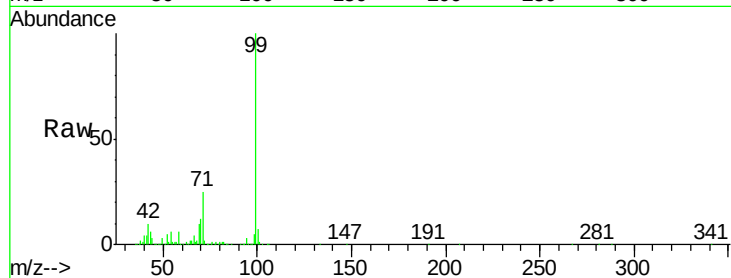
Tot Ion: 99 Resp: 663616

Ion Ratio Lower Upper

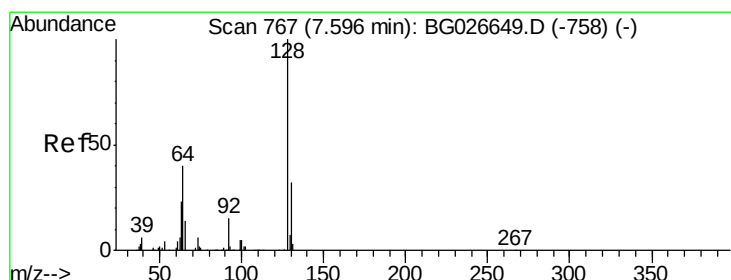
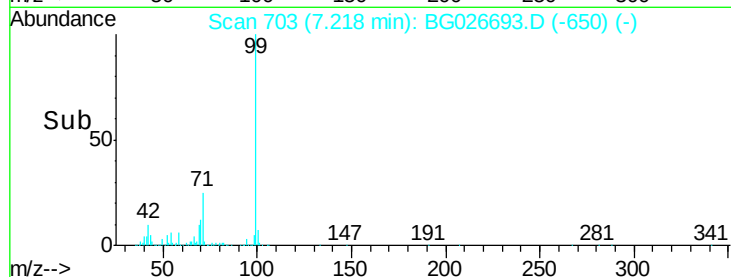
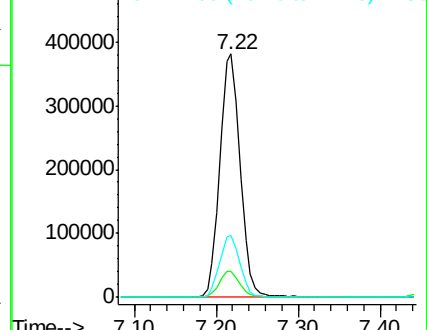
99 100

42 10.5 20.5 30.7#

71 25.3 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 39.16 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

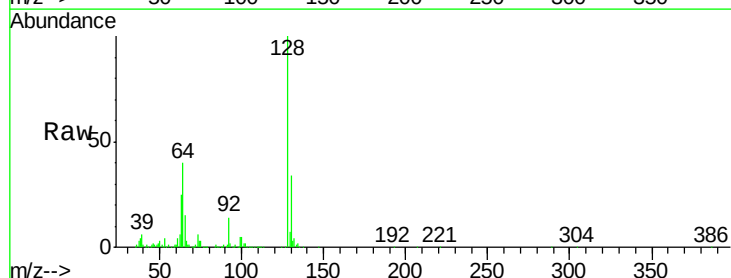
Tgt Ion: 128 Resp: 502183

Ion Ratio Lower Upper

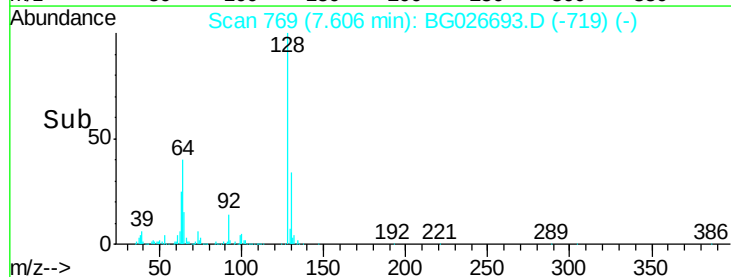
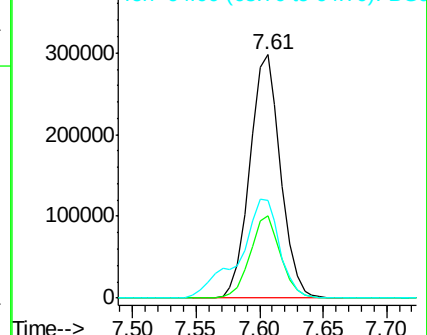
128 100

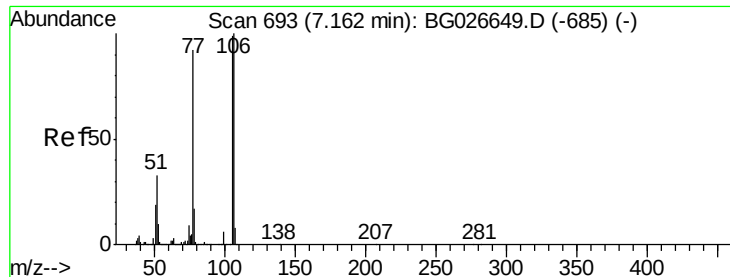
130 33.6 11.4 51.4

64 40.2 46.6 86.6#



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





#9

Benzaldehyde

Concen: 14.04 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

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ClientSampleId :

HW-7-42017MSD

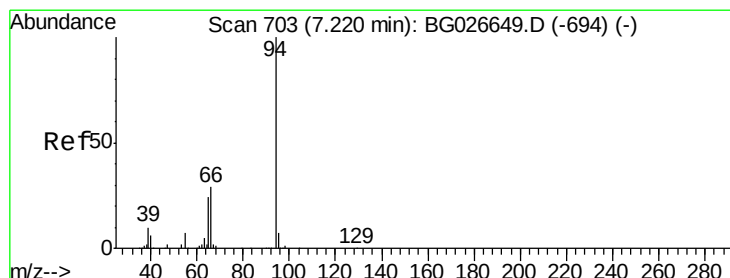
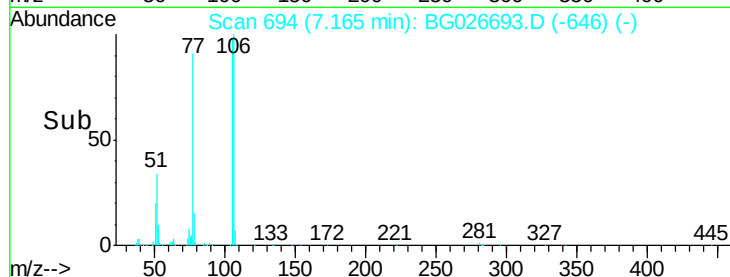
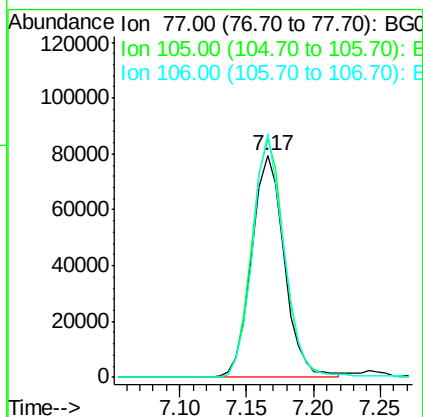
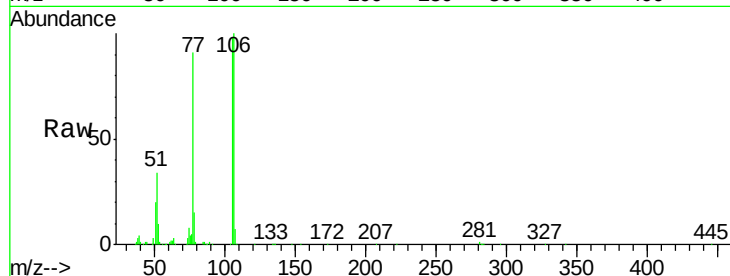
Tot Ion: 77 Resp: 133940

Ion Ratio Lower Upper

77 100

105 107.9 60.9 100.9#

106 109.9 55.1 95.1#



#10

Phenol

Concen: 17.34 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

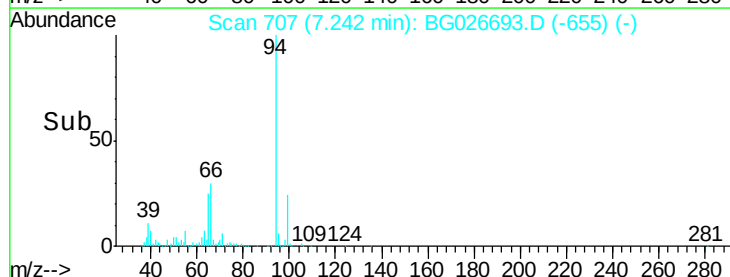
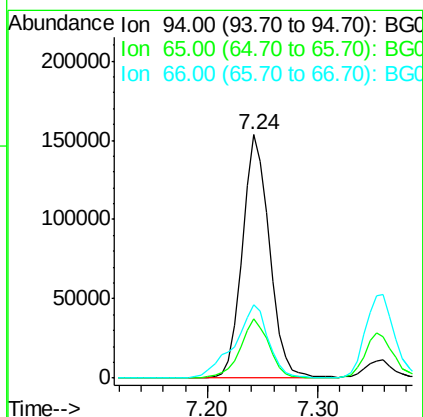
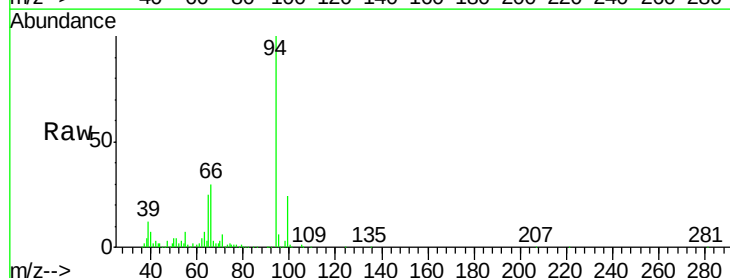
Tgt Ion: 94 Resp: 265751

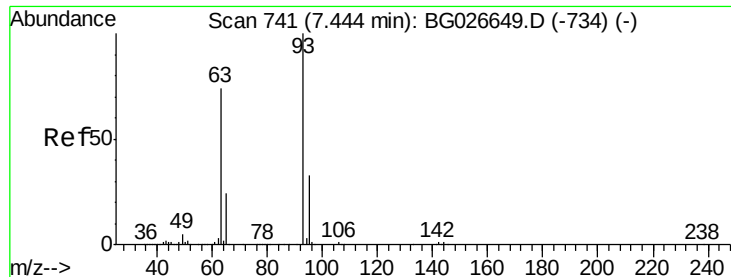
Ion Ratio Lower Upper

94 100

65 24.6 20.6 60.6

66 30.1 35.5 75.5#

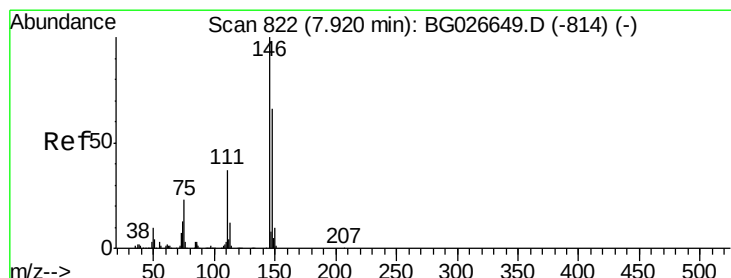
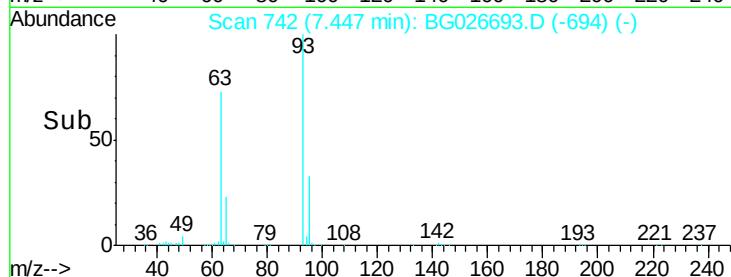
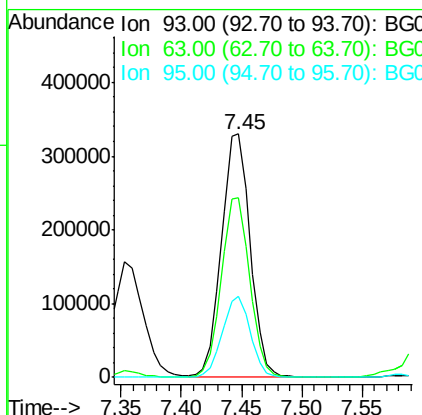
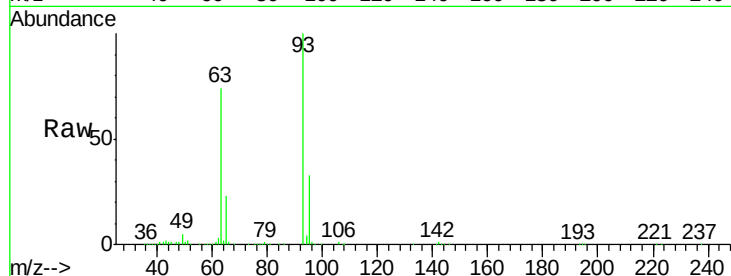




#11
bis(2-Chloroethyl)ether
Concen: 44.57 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

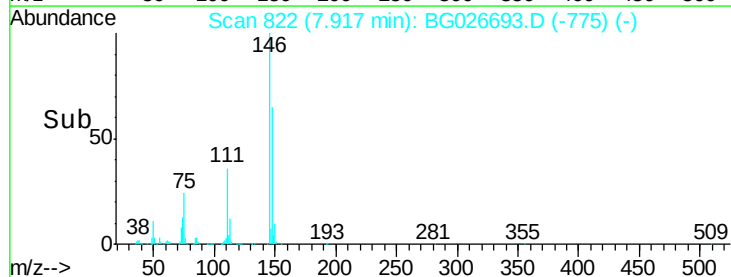
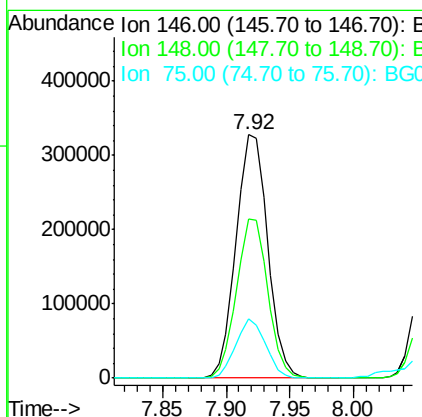
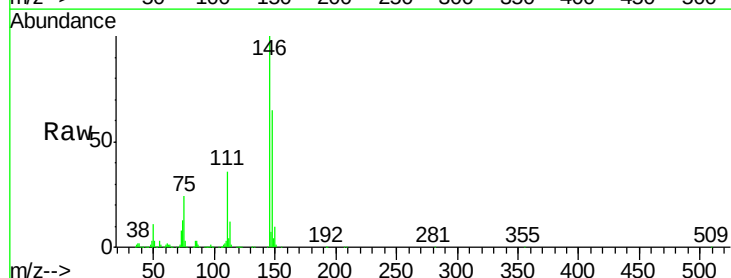
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

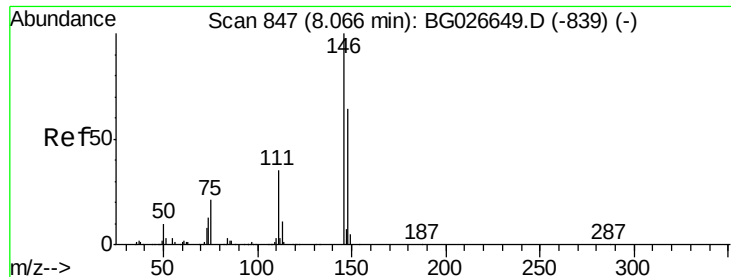
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	78.5	118.5#
95	33.4	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 37.52 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.2	73.8
75	24.1	33.4	50.2#

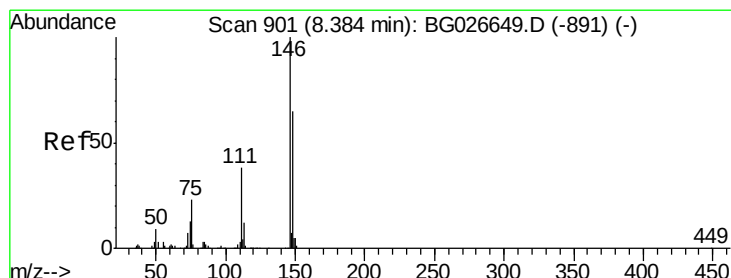
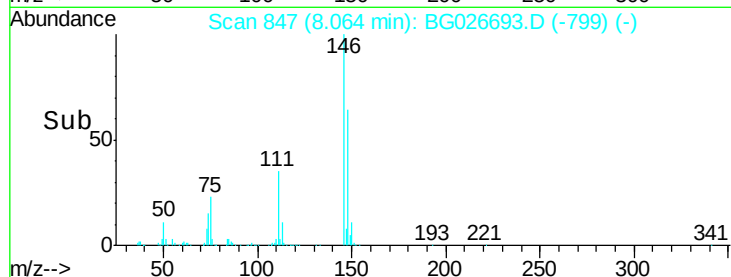
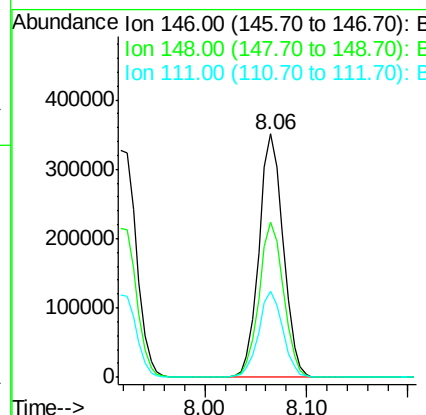
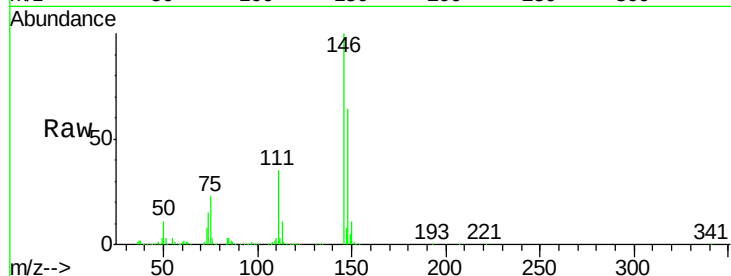




#13
 1,4-Dichlorobenzene
 Concen: 37.78 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

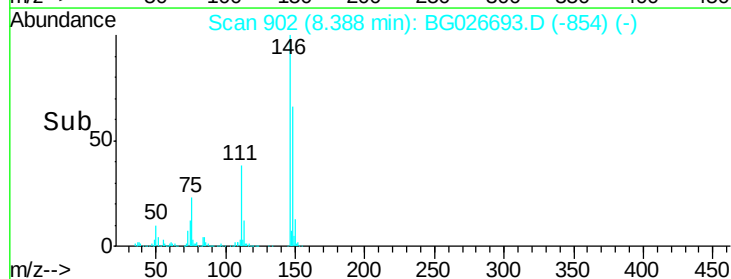
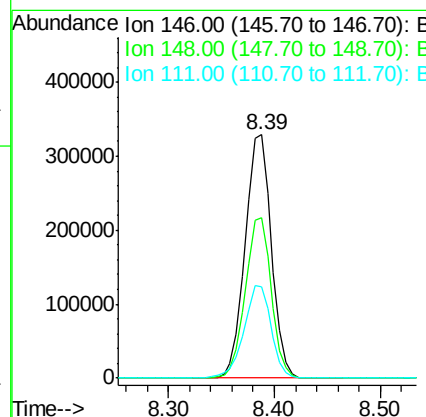
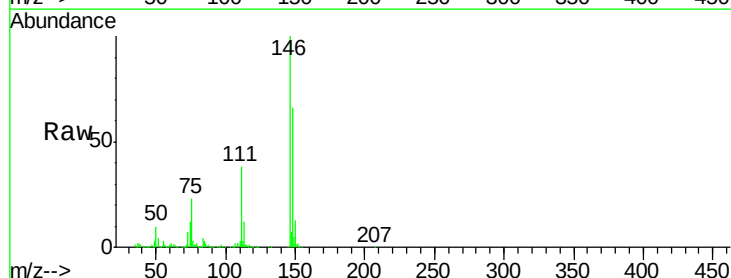
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

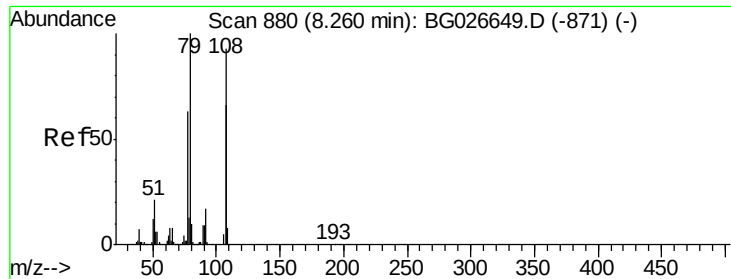
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	35.4	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 39.02 ng
 RT: 8.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	54.6	81.8
111	37.6	39.7	59.5





#15

Benzyl Alcohol

Concen: 35.75 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

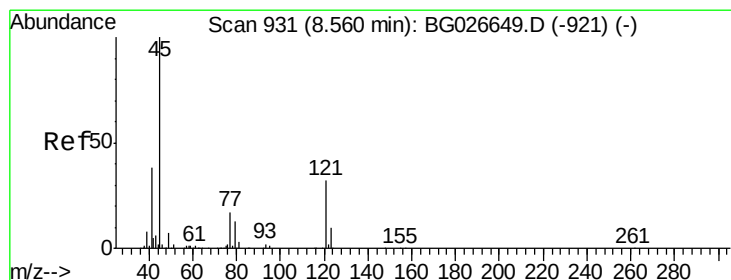
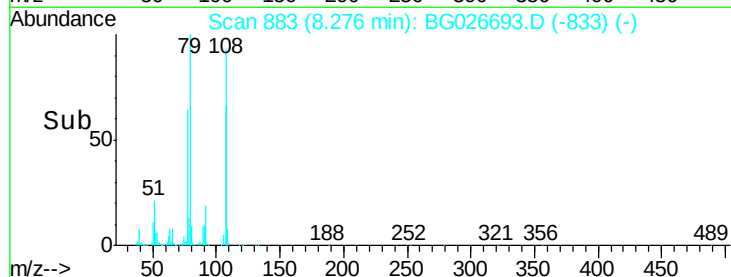
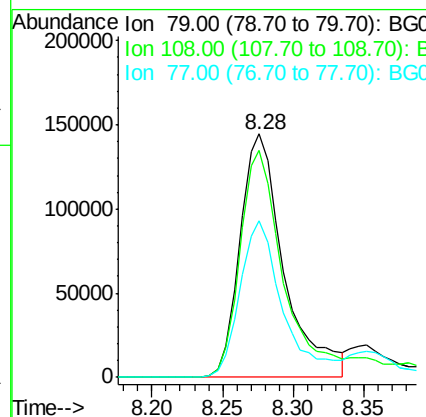
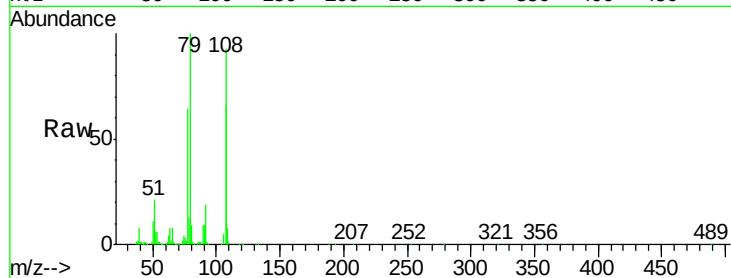
Tot Ion: 79 Resp: 314884

Ion Ratio Lower Upper

79 100

108 93.2 45.5 68.3#

77 64.1 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.91 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

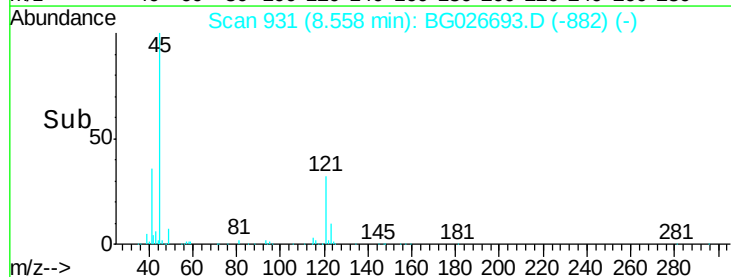
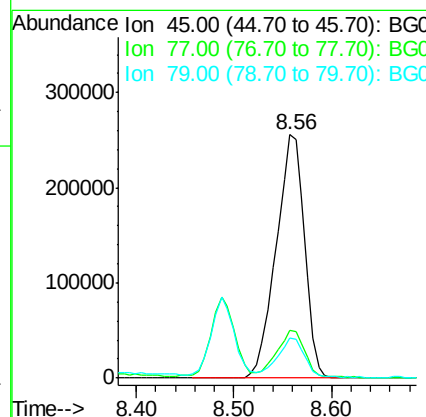
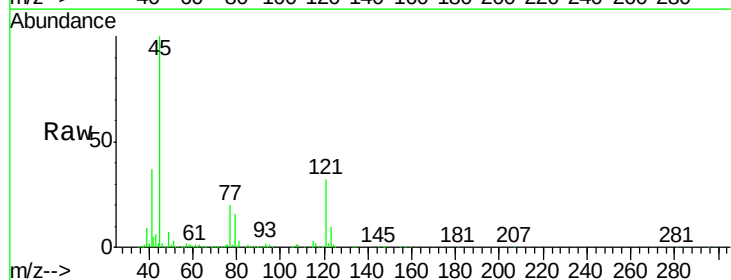
Tgt Ion: 45 Resp: 518157

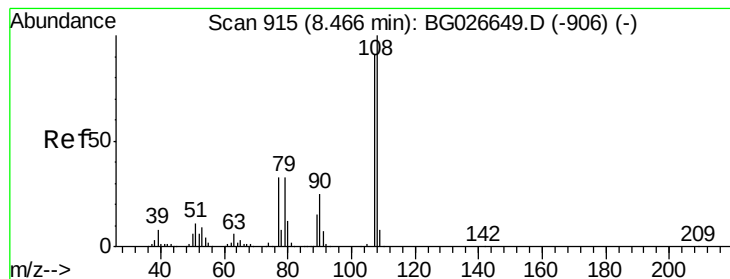
Ion Ratio Lower Upper

45 100

77 19.5 0.0 30.6

79 16.3 0.0 28.5

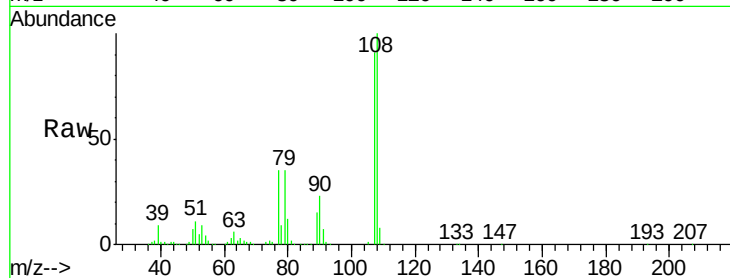




#17
2-Methylphenol
Concen: 34.96 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	85.6	128.4
77	38.7	51.4	77.2#
79	38.5	49.2	73.8#



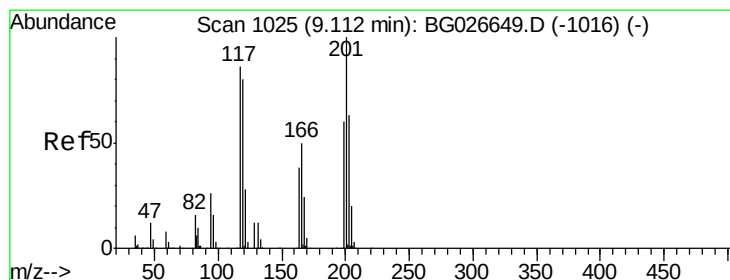
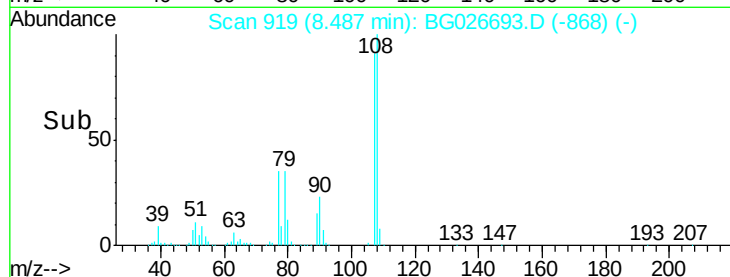
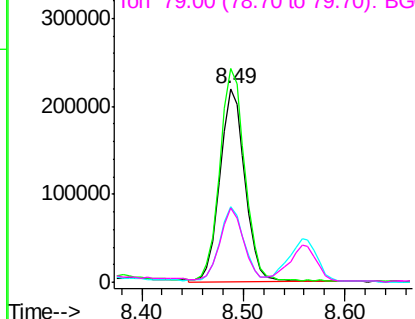
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

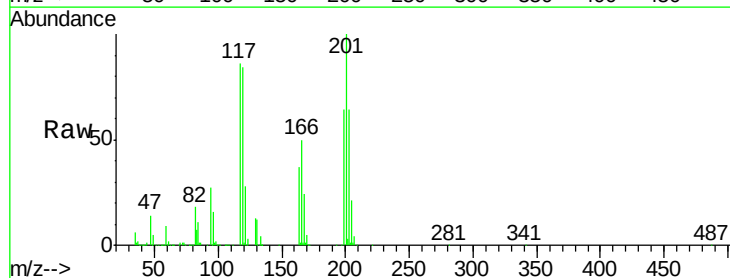
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 36.81 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	69.8	104.6
201	116.0	95.4	143.0

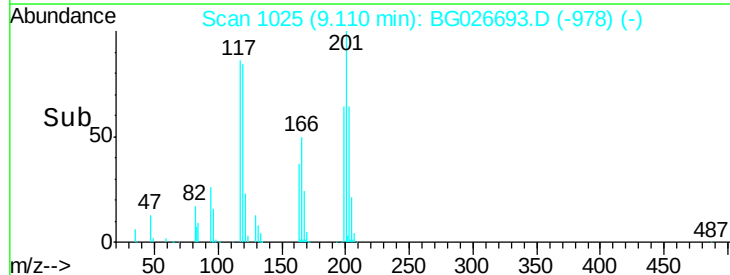
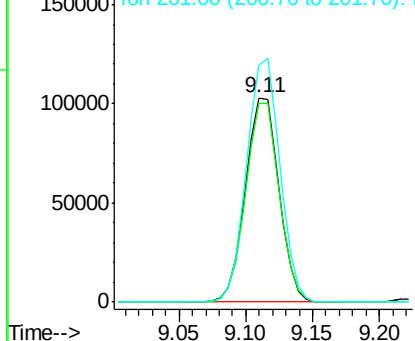


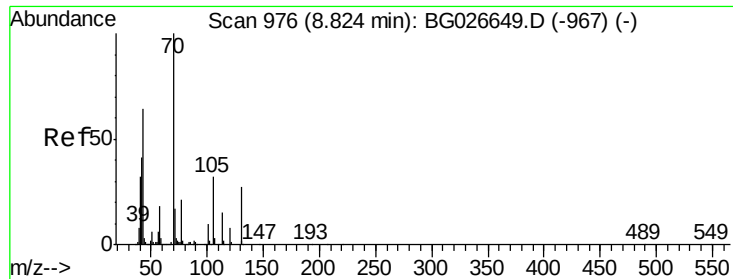
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

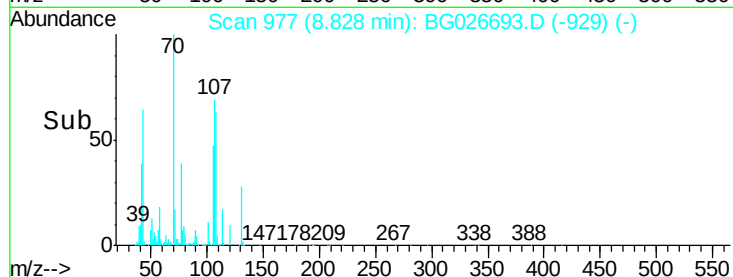
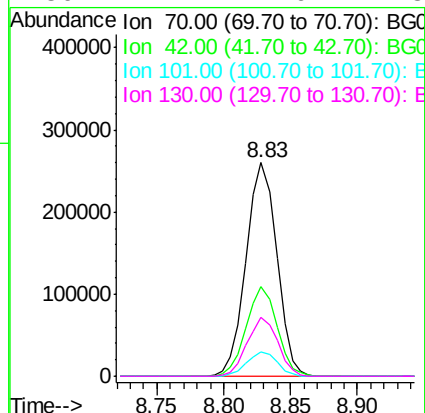
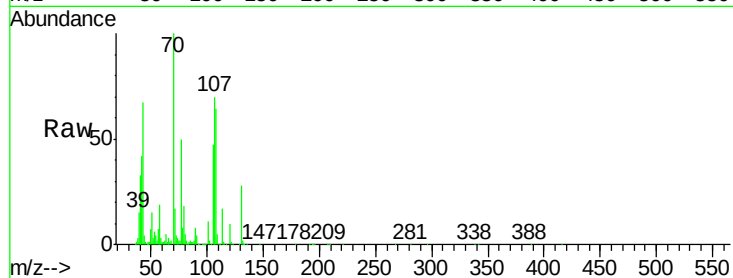




#19
n-Nitroso-di-n-propylamine
Concen: 47.33 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

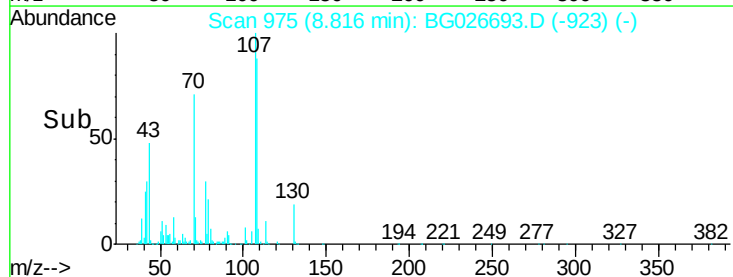
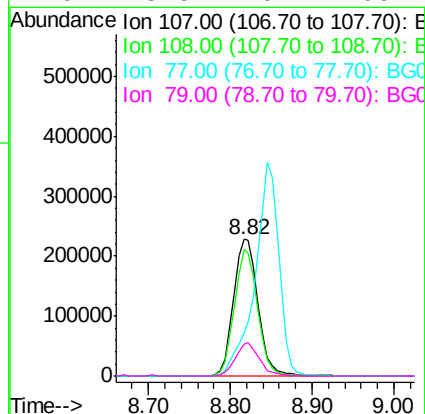
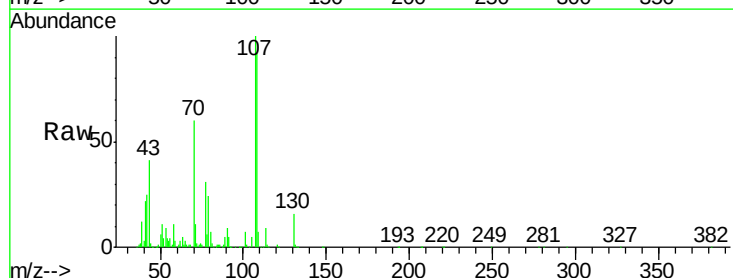
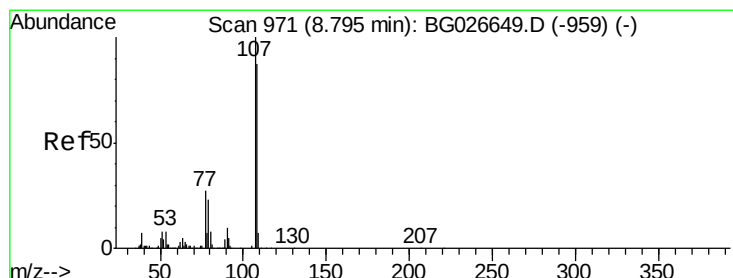
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

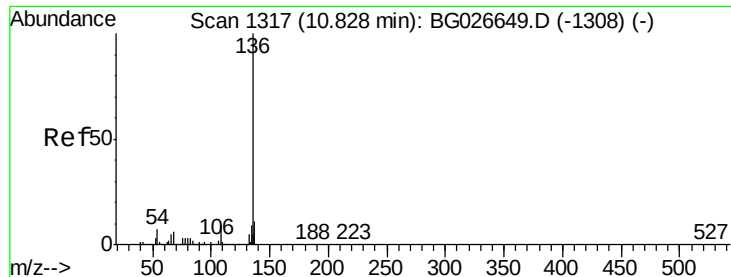
Tot Ion: 70 Resp: 413181
Ion Ratio Lower Upper
70 100
42 42.0 56.1 84.1#
101 11.2 7.5 11.3
130 27.7 14.6 21.8#



#20
3+4-Methylphenols
Concen: 32.09 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:107 Resp: 473484
Ion Ratio Lower Upper
107 100
108 92.2 70.8 110.8
77 31.4 25.8 65.8
79 23.5 20.1 60.1

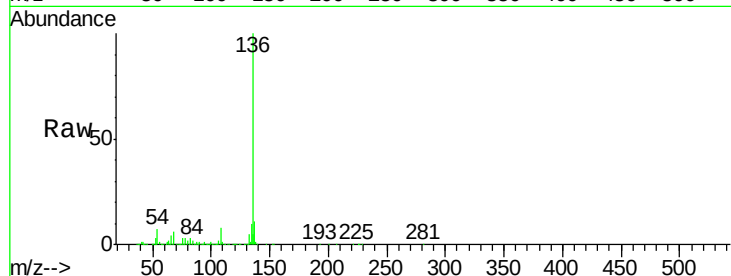




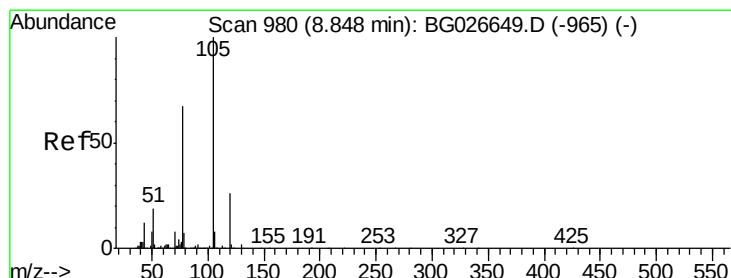
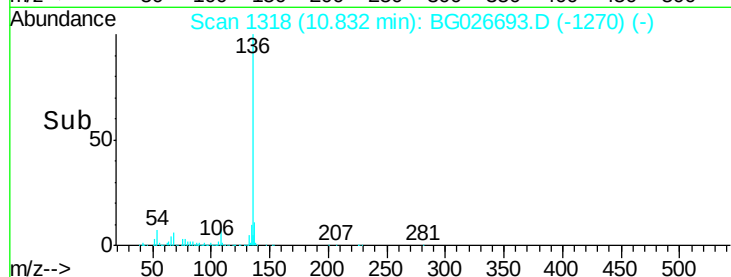
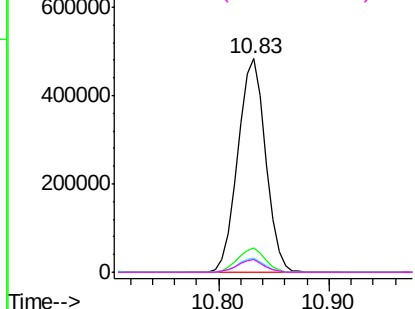
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion:136	Resp:	856019
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.6	9.3 13.9#
68	5.8	5.1 7.7

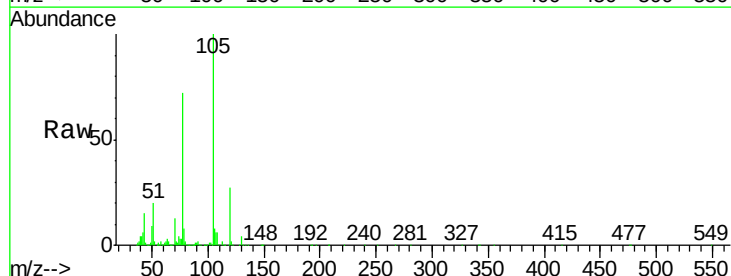


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

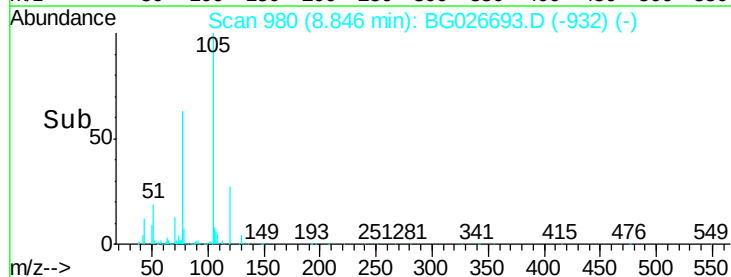
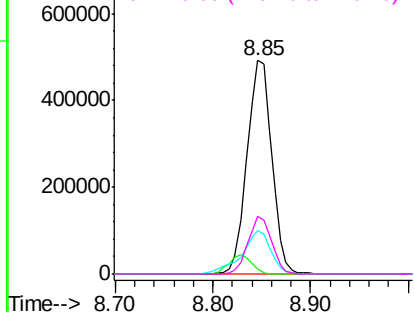


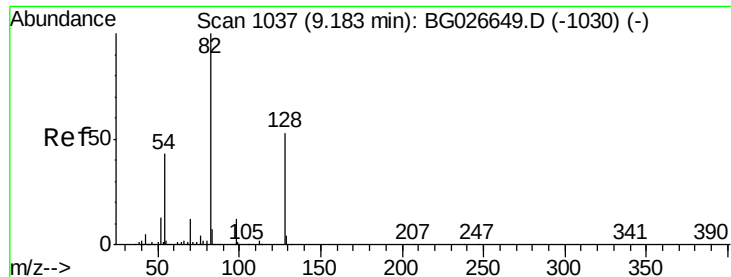
#22
Acetophenone
Concen: 44.44 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:105	Resp:	869442
Ion Ratio	Lower	Upper
105	100	
71	2.3	0.9 1.3#
51	20.4	34.0 51.0#
120	26.8	17.3 25.9#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

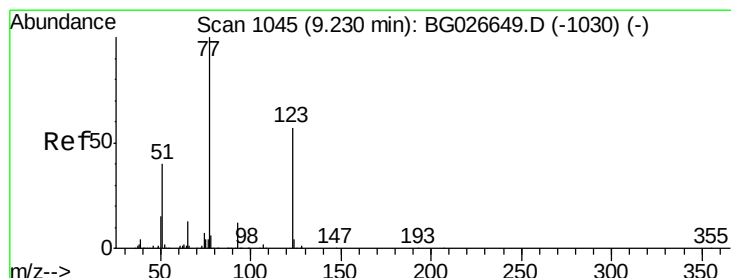
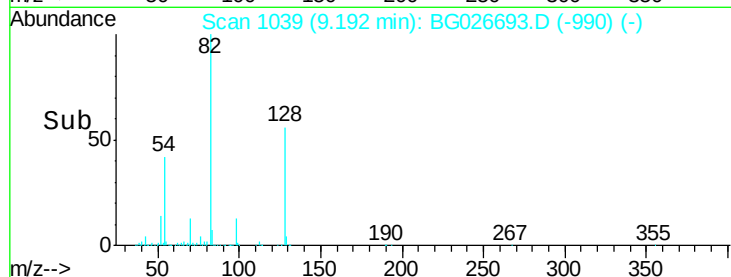
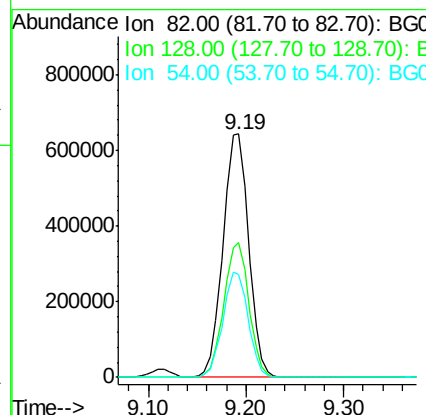
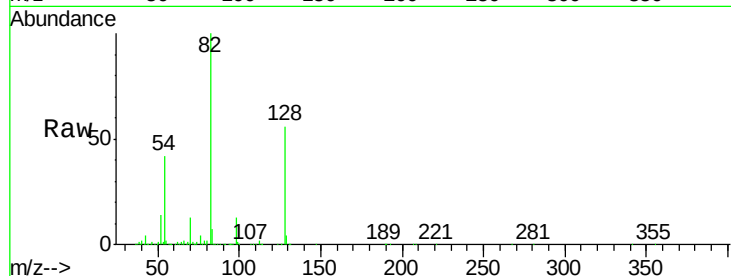




#23
 Nitrobenzene-d5
 Concen: 95.64 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

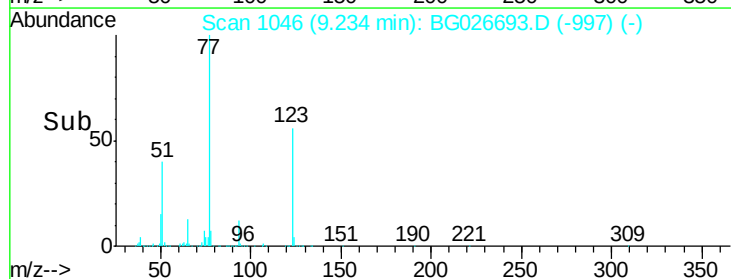
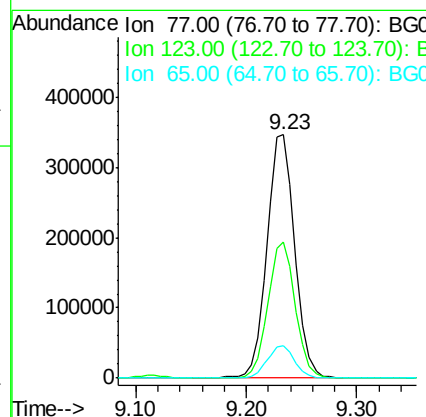
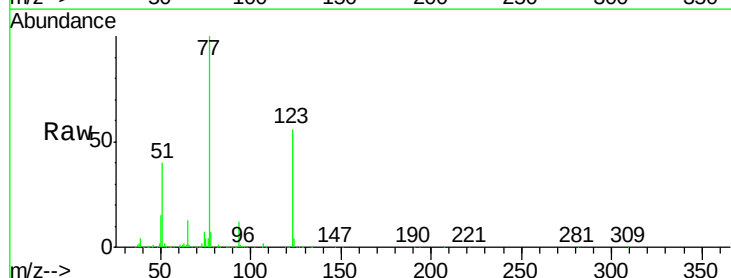
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

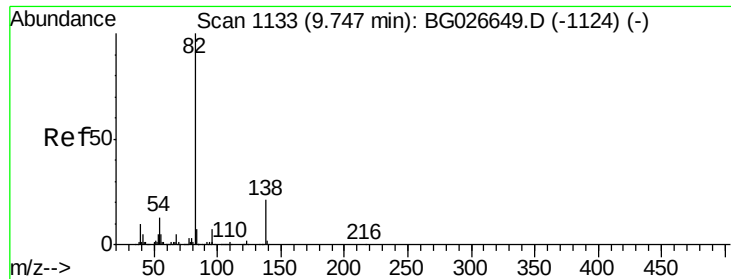
Tot Ion: 82 Resp: 1173355
 Ion Ratio Lower Upper
 82 100
 128 55.6 26.4 39.6#
 54 42.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 46.77 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion: 77 Resp: 607628
 Ion Ratio Lower Upper
 77 100
 123 55.7 26.1 39.1#
 65 13.1 12.4 18.6





#25

Isophorone

Concen: 46.60 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

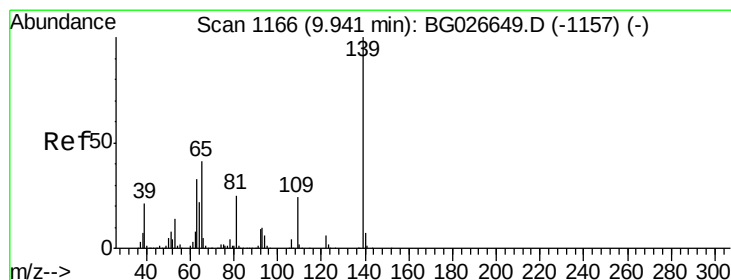
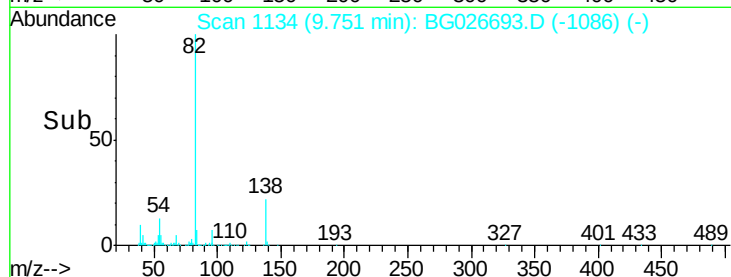
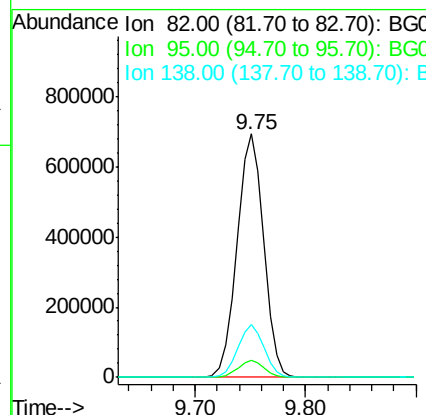
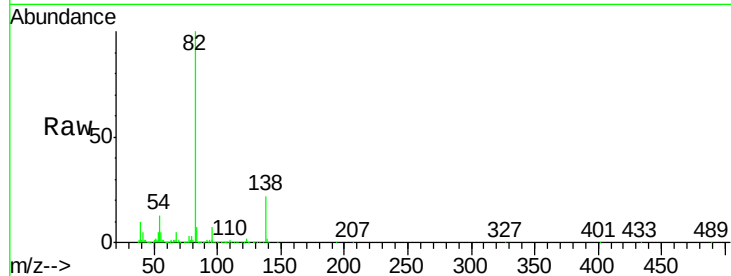
Tot Ion: 82 Resp: 1172001

Ion Ratio Lower Upper

82 100

95 6.8 7.5 11.3#

138 21.9 12.3 18.5#



#26

2-Nitrophenol

Concen: 45.50 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

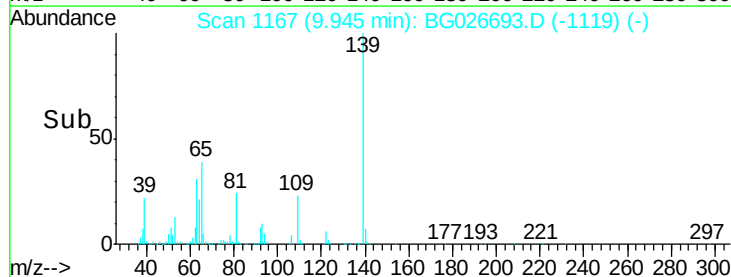
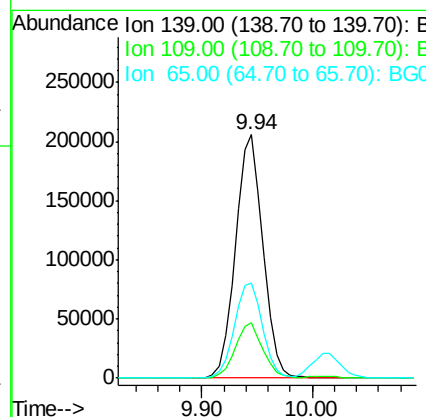
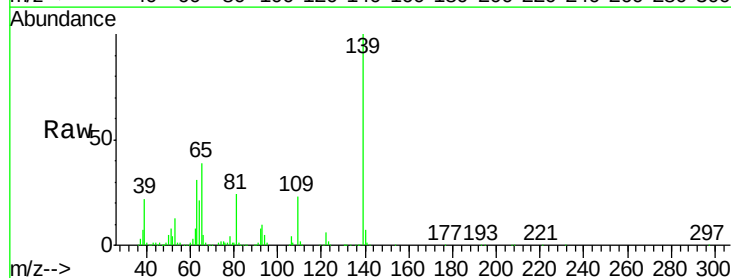
Tgt Ion: 139 Resp: 358136

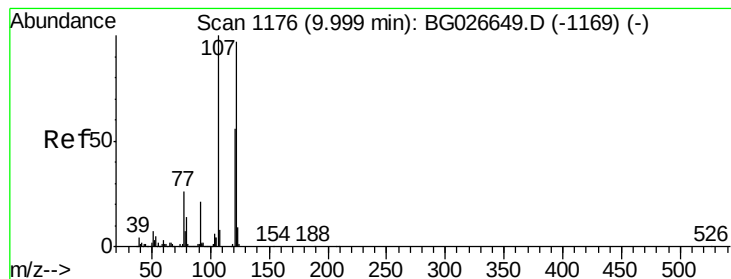
Ion Ratio Lower Upper

139 100

109 22.6 38.6 58.0#

65 39.2 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 35.26 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

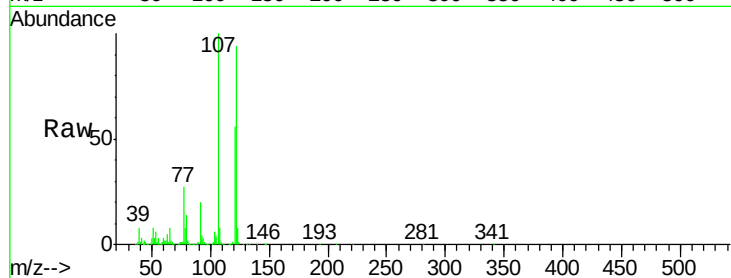
Tot Ion:122 Resp: 447898

Ion Ratio Lower Upper

122 100

107 106.2 104.2 156.4

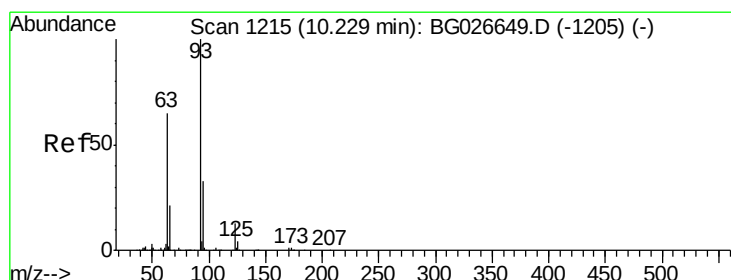
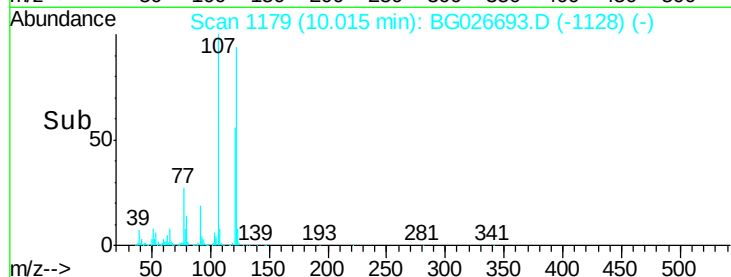
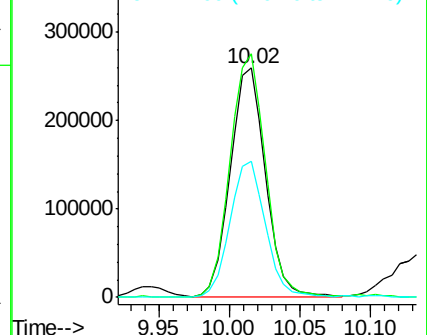
121 59.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.35 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

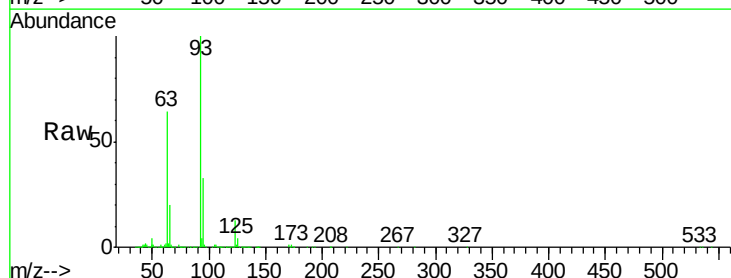
Tgt Ion: 93 Resp: 778349

Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

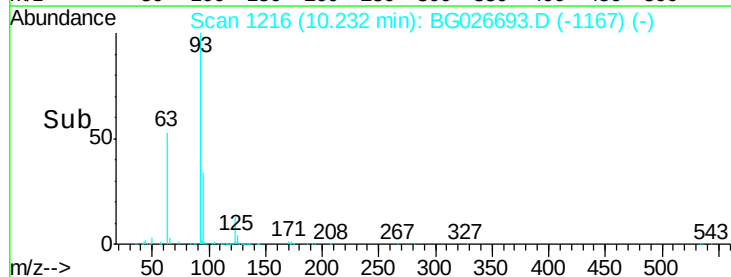
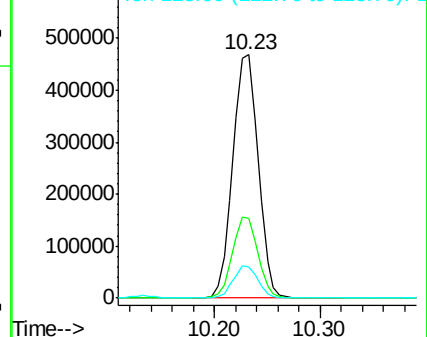
123 12.9 8.3 12.5#

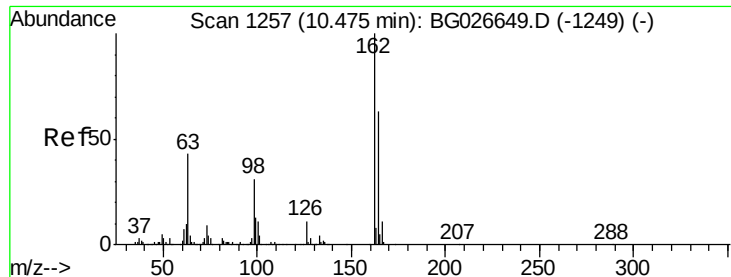


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

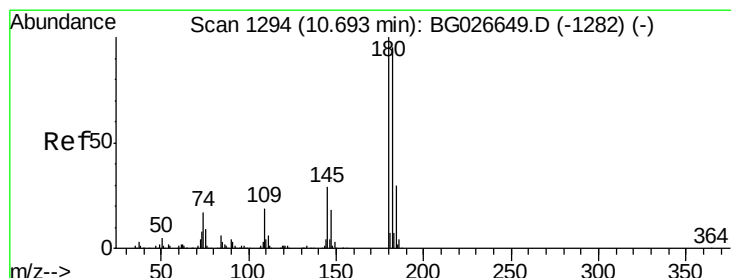
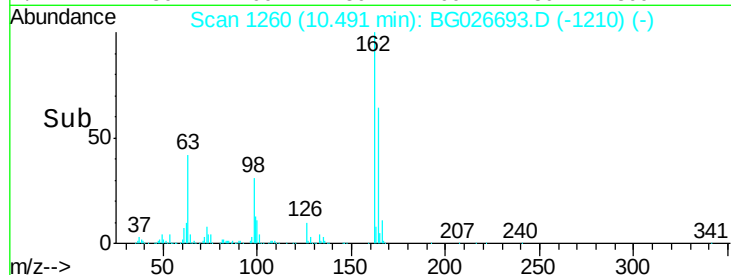
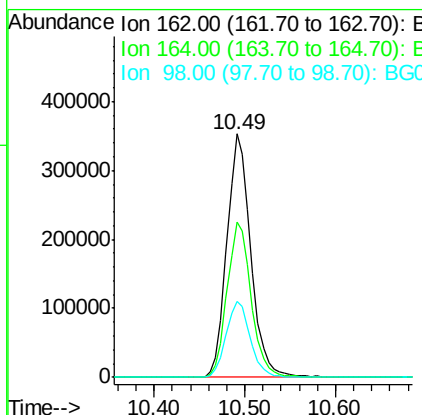
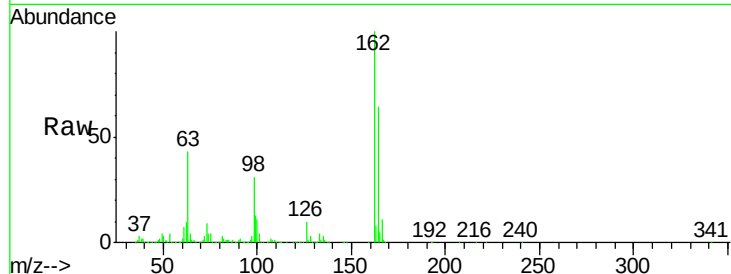




#29
2,4-Dichlorophenol
Concen: 48.77 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

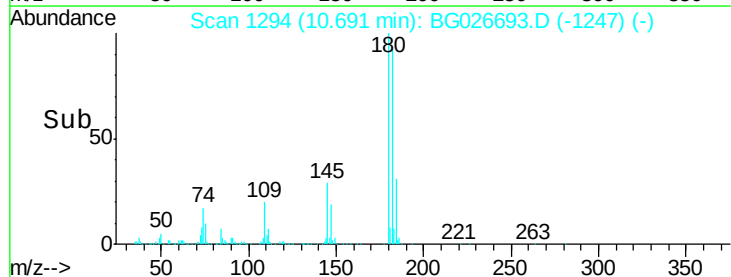
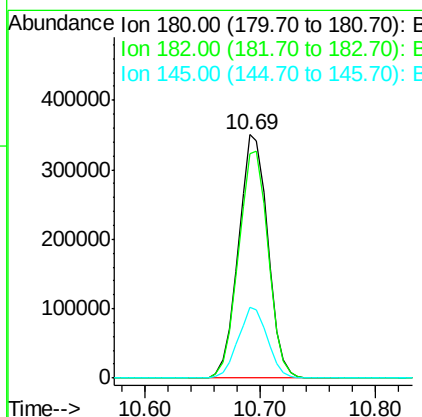
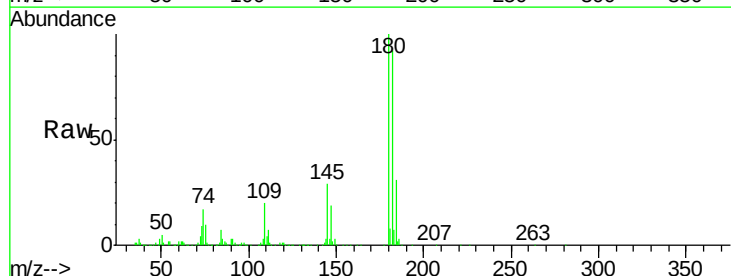
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

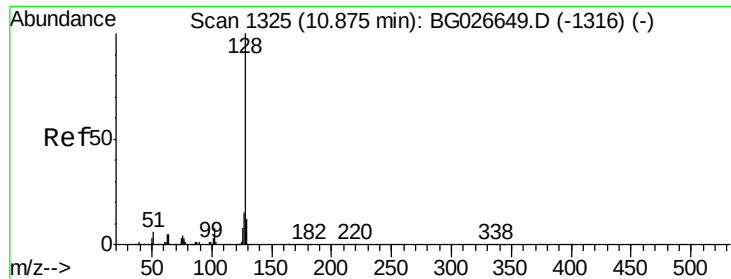
Tot Ion:162 Resp: 647878
Ion Ratio Lower Upper
162 100
164 63.8 42.4 82.4
98 31.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.68 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:180 Resp: 617222
Ion Ratio Lower Upper
180 100
182 92.4 77.0 115.4
145 29.0 23.4 35.0

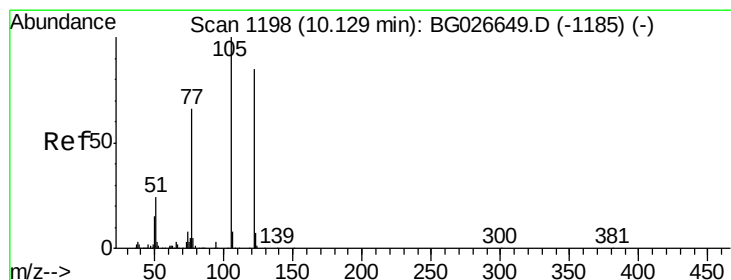
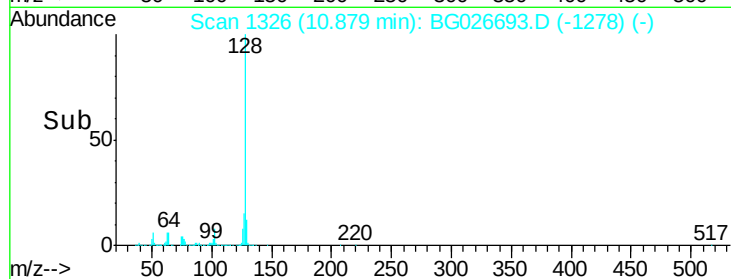
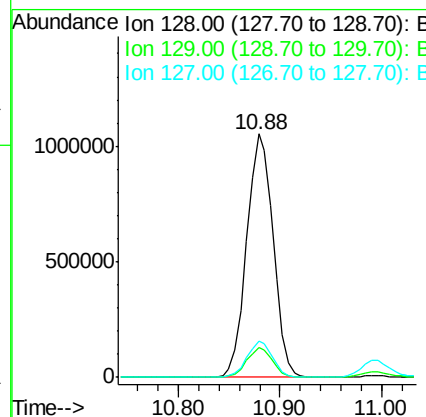
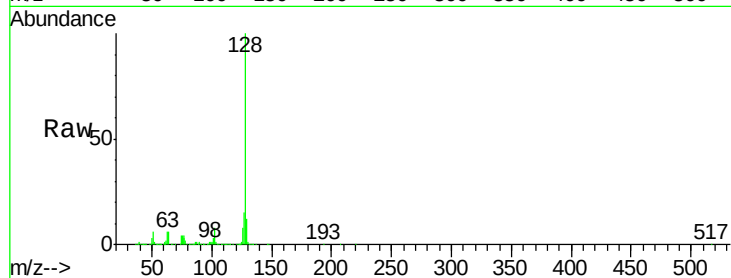




#31
Naphthalene
Concen: 45.22 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

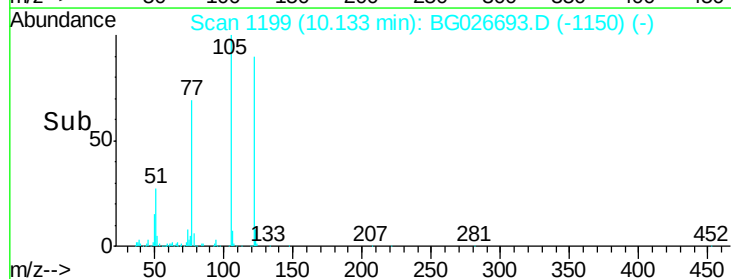
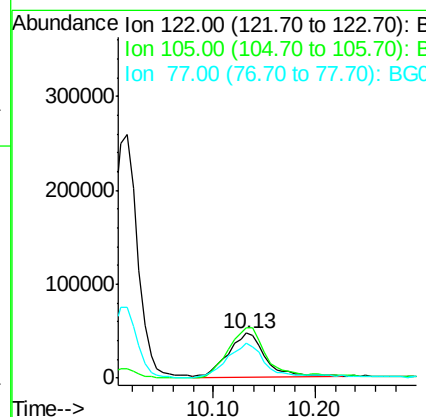
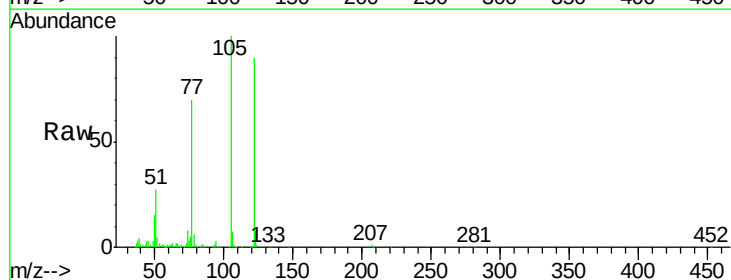
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

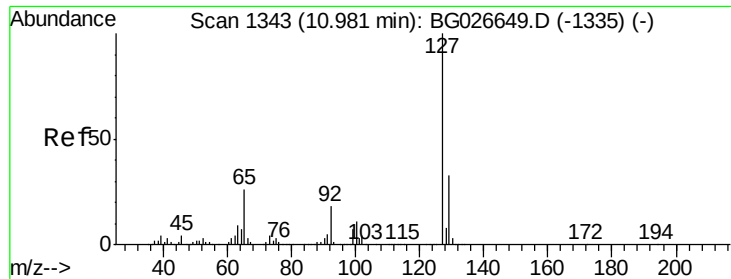
Tot Ion:128 Resp: 1899941
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 19.70 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:122 Resp: 117193
Ion Ratio Lower Upper
122 100
105 110.8 120.1 160.1#
77 77.3 104.6 144.6#

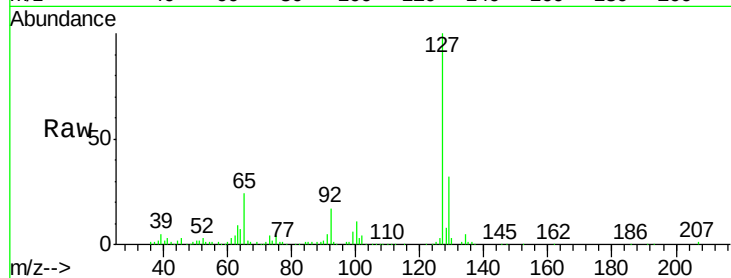




#33
4-Chloroaniline
Concen: 8.19 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	23.6	35.4
65	24.0	37.7	56.5#
92	16.9	17.6	26.4#



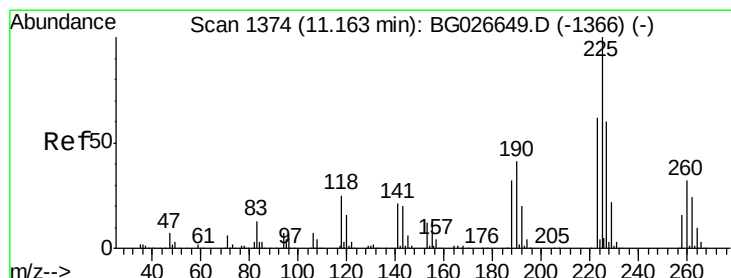
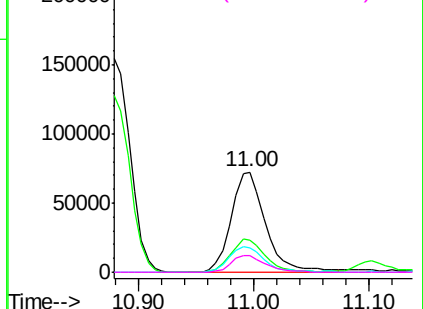
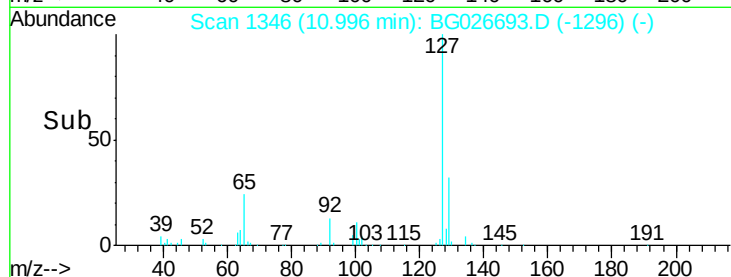
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (126.70 to 127.70): E

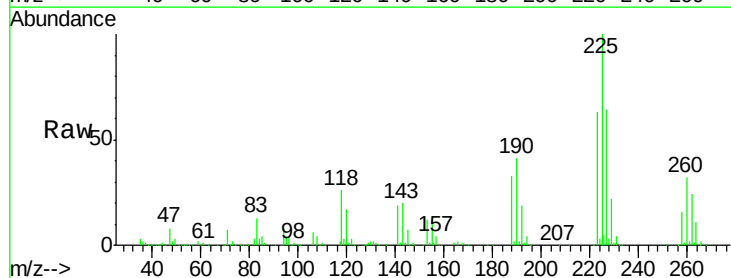
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.09 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.7	49.0	73.6

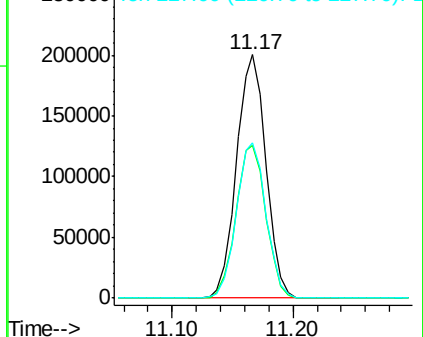
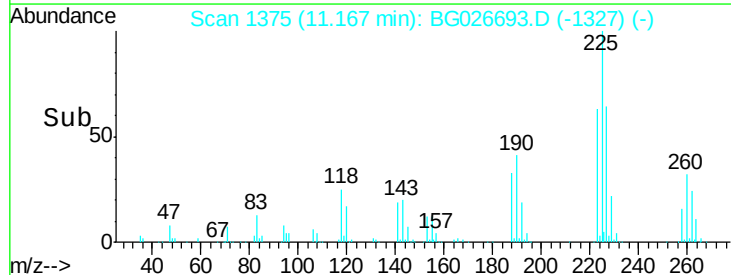


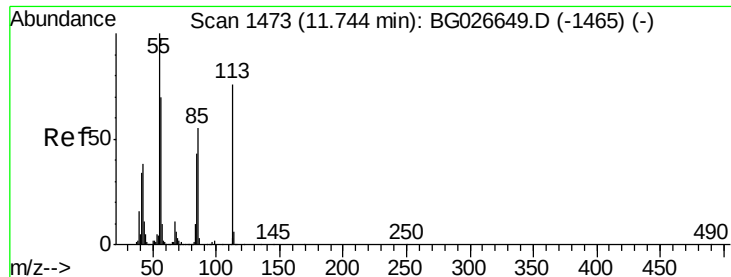
Abundance

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: 7.81 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

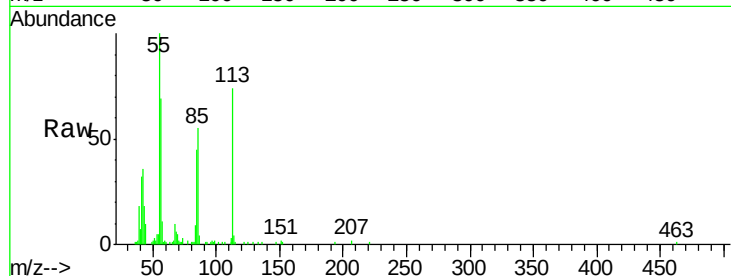
Tot Ion:113 Resp: 40275

Ion Ratio Lower Upper

113 100

55 135.4 198.6 238.6#

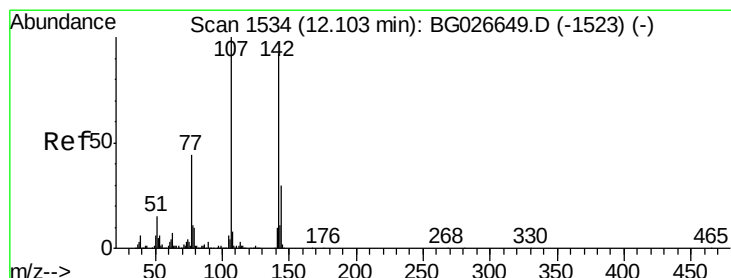
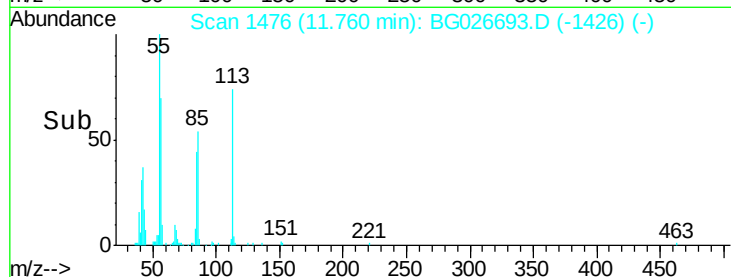
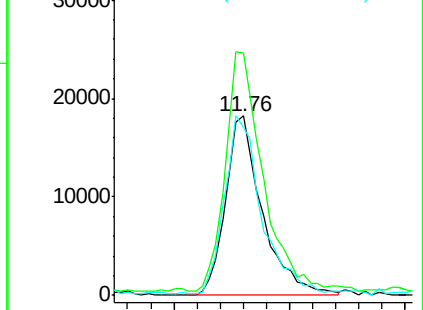
56 93.7 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.99 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

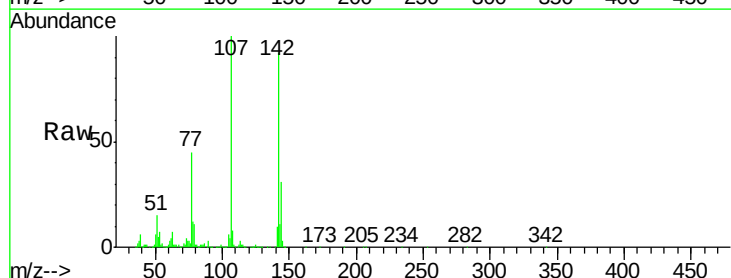
Tgt Ion:107 Resp: 628826

Ion Ratio Lower Upper

107 100

144 30.9 17.4 26.0#

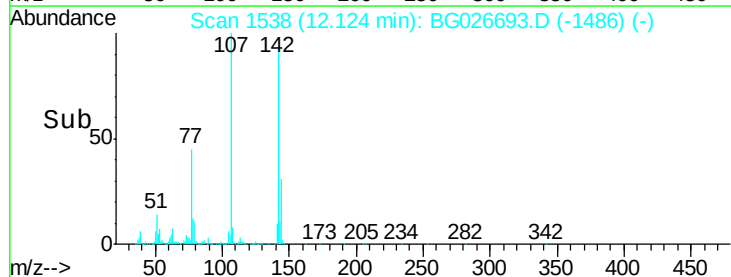
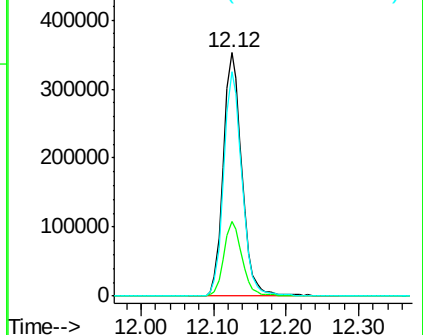
142 92.0 54.1 81.1#

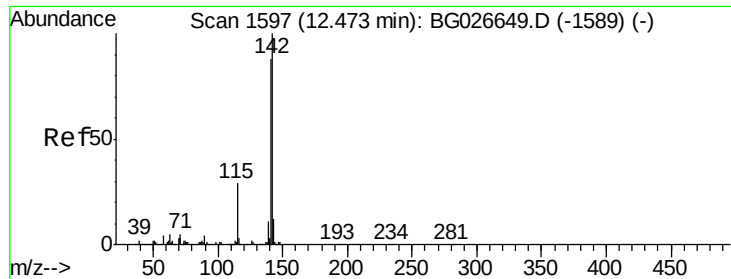


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

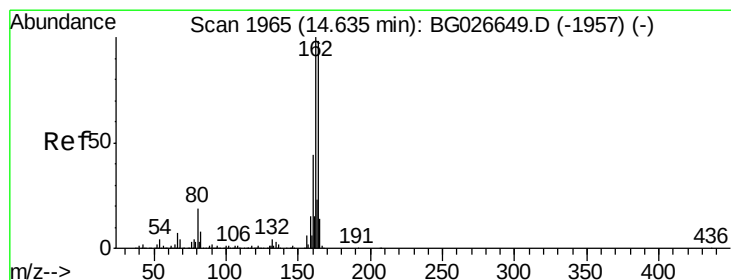
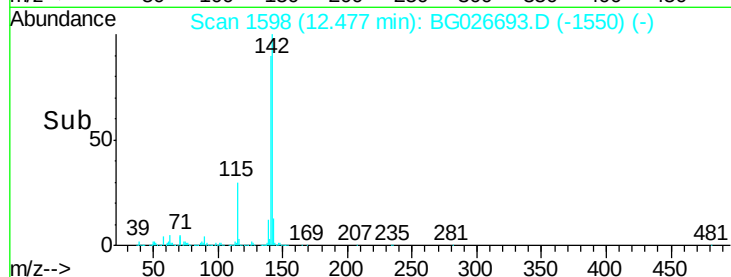
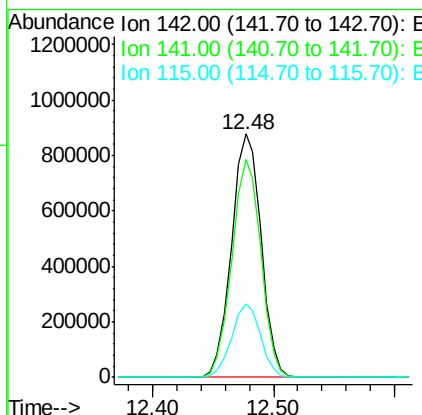
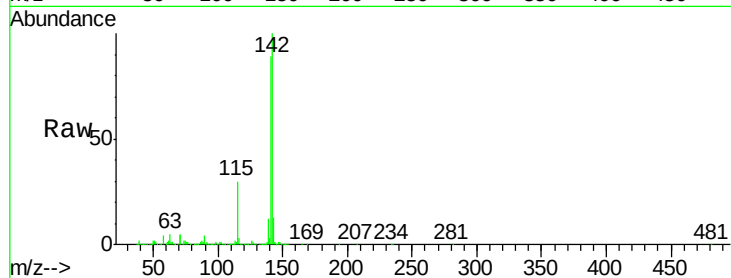




#37
2-Methylnaphthalene
Concen: 46.22 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

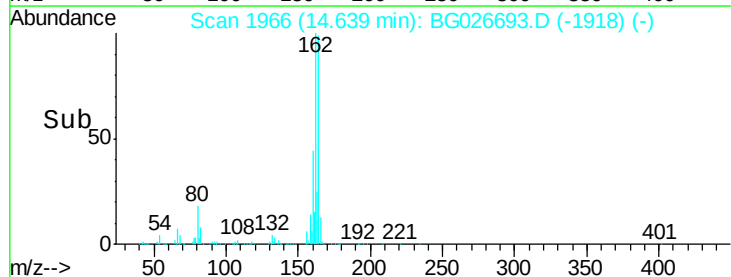
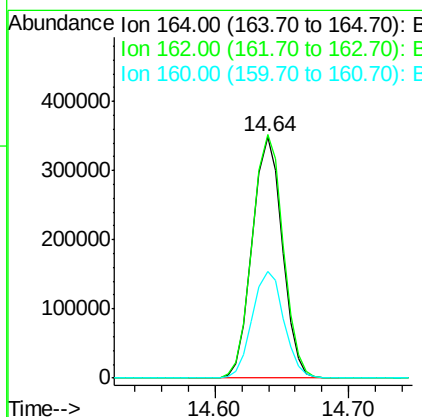
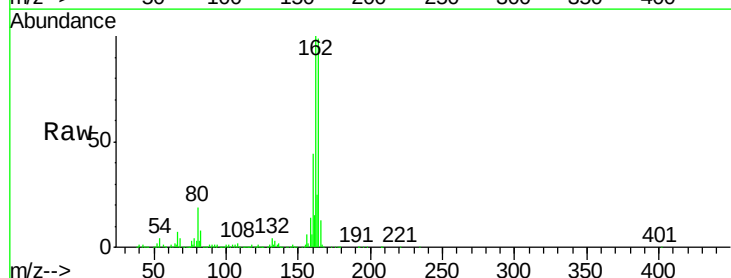
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

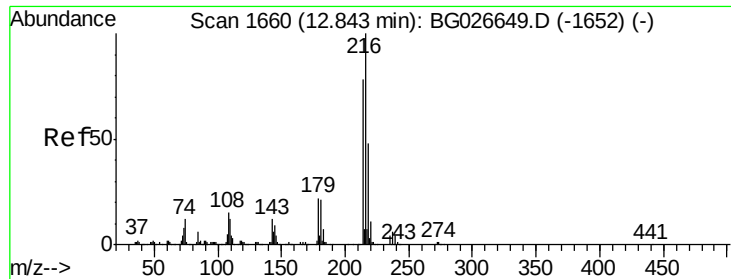
Tot Ion:142 Resp: 1494384
Ion Ratio Lower Upper
142 100
141 89.4 70.4 105.6
115 30.0 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:164 Resp: 539888
Ion Ratio Lower Upper
164 100
162 100.7 85.1 127.7
160 43.9 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.10 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

Tot Ion:216 Resp: 733425

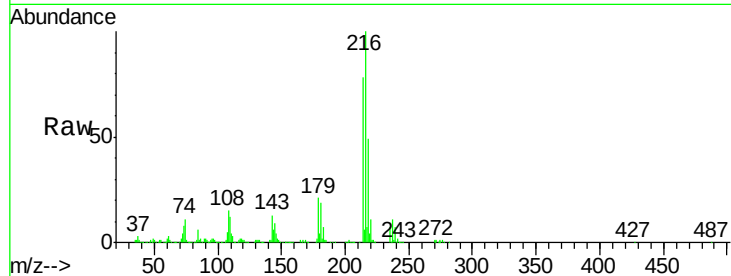
Ion Ratio Lower Upper

216 100

214 78.9 64.4 96.6

179 20.3 17.4 26.0

108 16.5 15.6 23.4

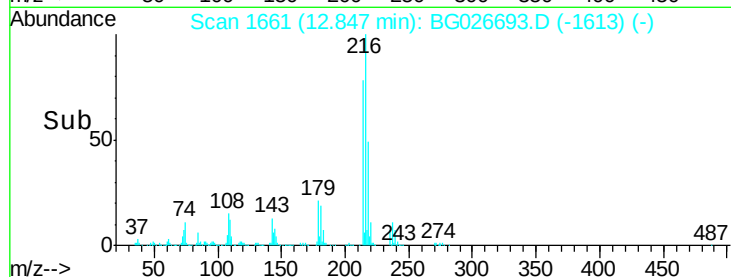


Abundance Ion 216.00 (215.70 to 216.70): E

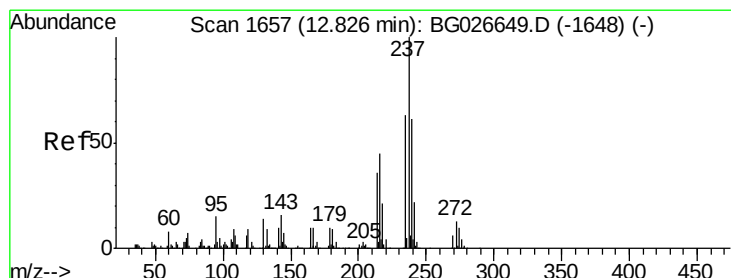
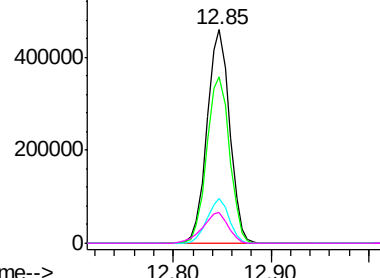
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 88.57 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

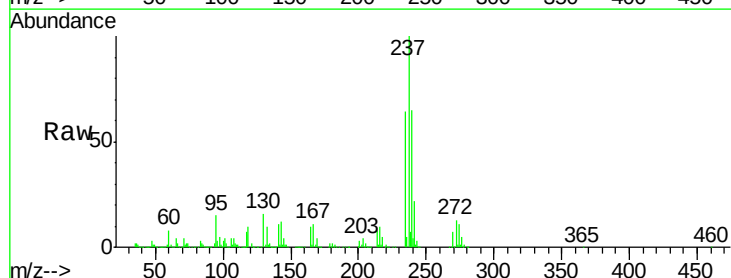
Tgt Ion:237 Resp: 744251

Ion Ratio Lower Upper

237 100

235 64.0 39.4 79.4

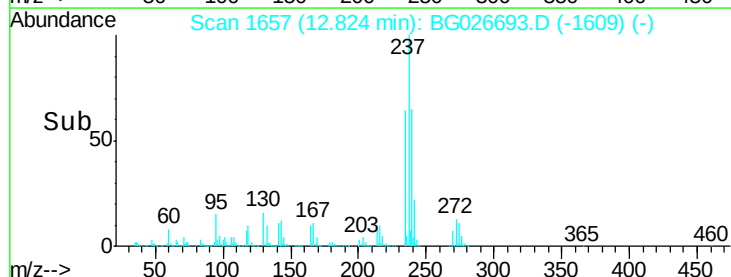
272 13.4 0.0 32.0



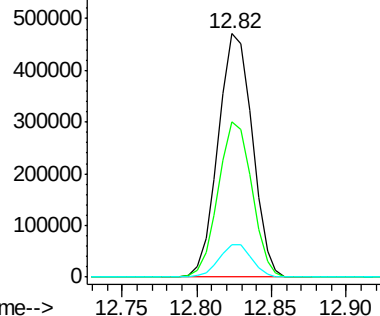
Abundance Ion 236.80 (236.50 to 237.50): E

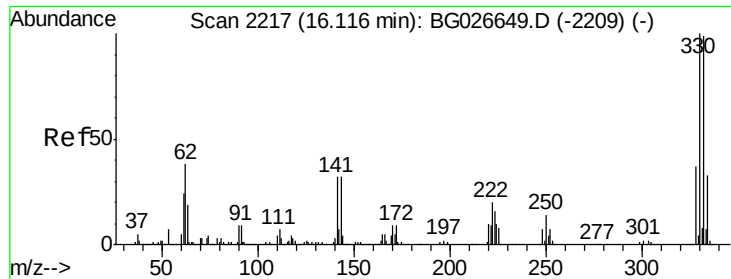
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

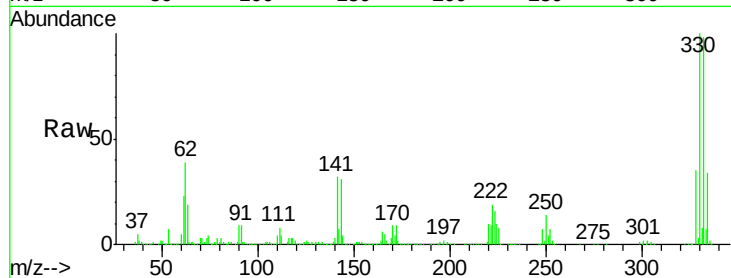




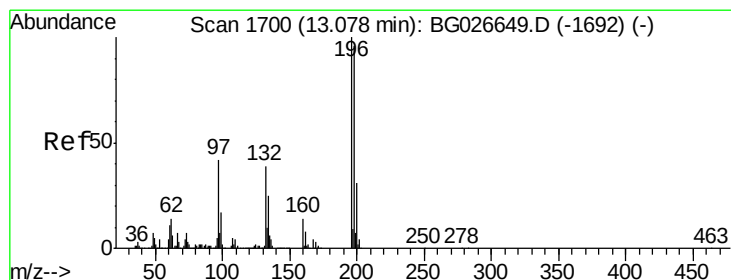
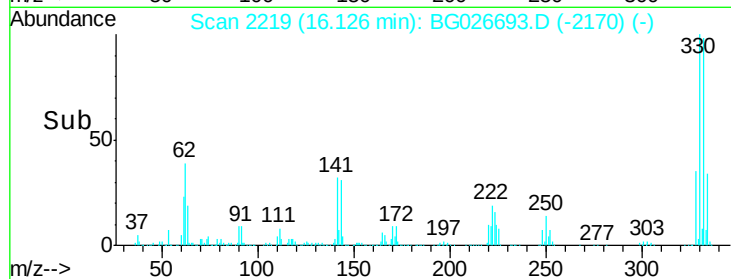
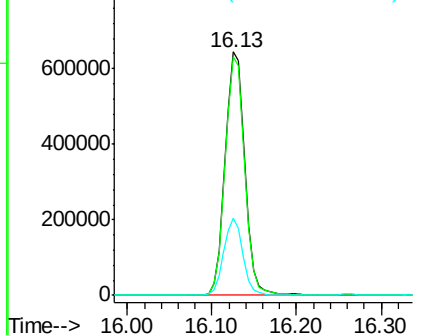
#41
 2,4,6-Tribromophenol
 Concen: 137.75 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

Tot Ion:330 Resp: 1036224
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 30.8 32.1 48.1#

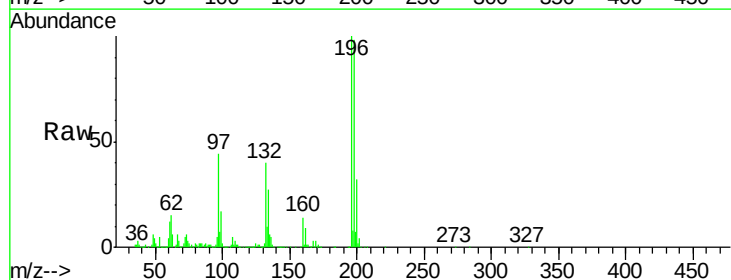


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

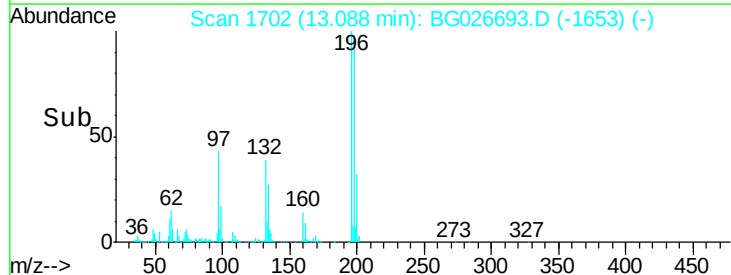
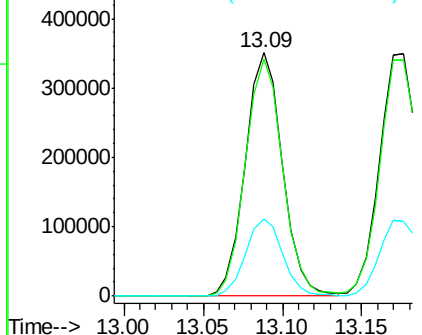


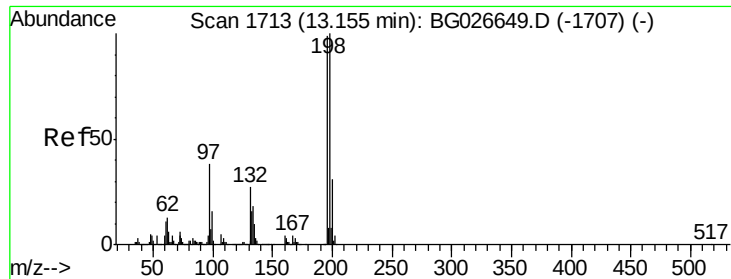
#42
 2,4,6-Trichlorophenol
 Concen: 48.50 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion:196 Resp: 574306
 Ion Ratio Lower Upper
 196 100
 198 97.6 81.4 122.2
 200 32.0 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

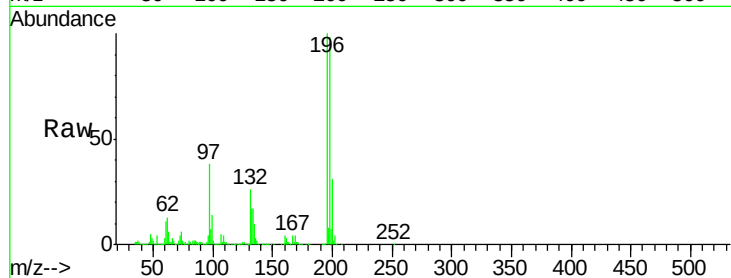




#43
2,4,5-Trichlorophenol
Concen: 49.29 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.9	119.9
97	38.3	45.4	68.0
132	26.1	20.7	31.1



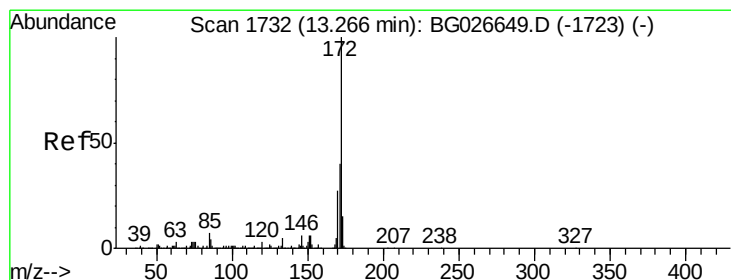
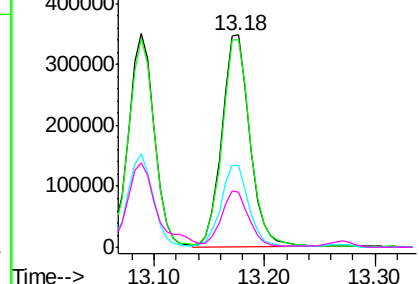
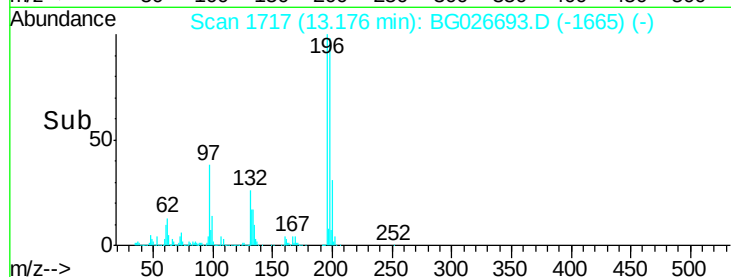
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

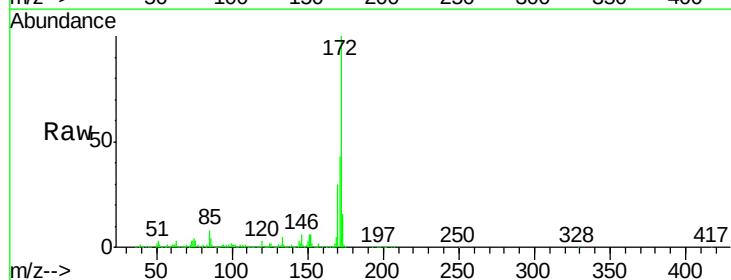
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.91 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.2	32.2	48.2
170	29.6	21.8	32.6

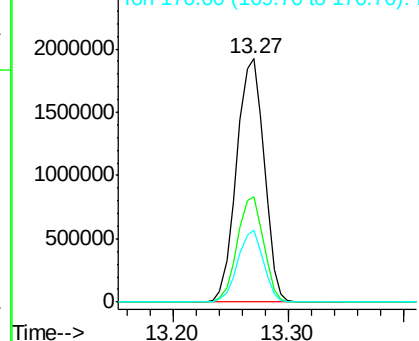
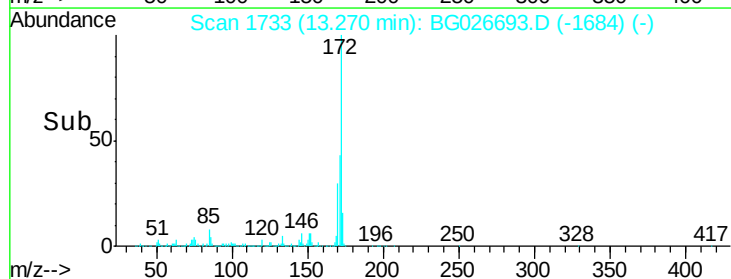


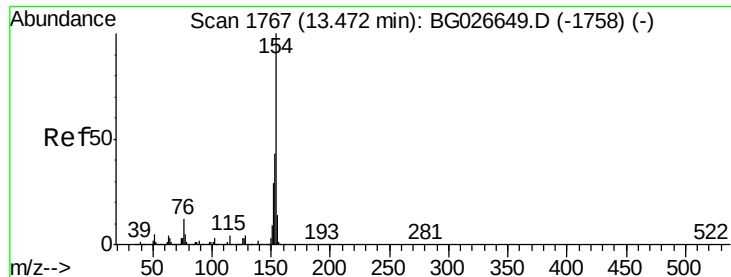
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.15 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

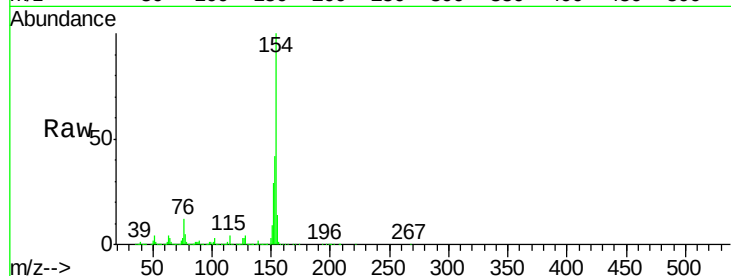
Tot Ion:154 Resp: 1980656

Ion Ratio Lower Upper

154 100

153 42.4 23.0 63.0

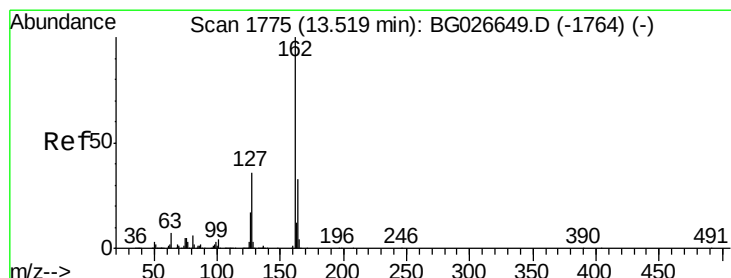
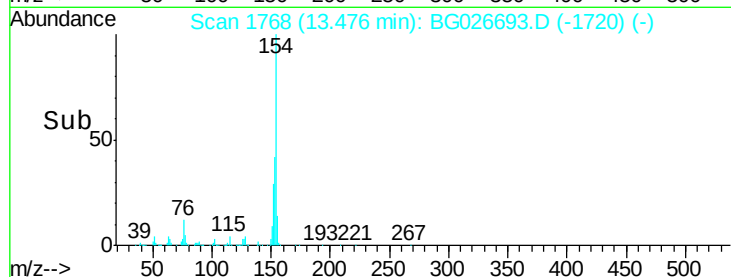
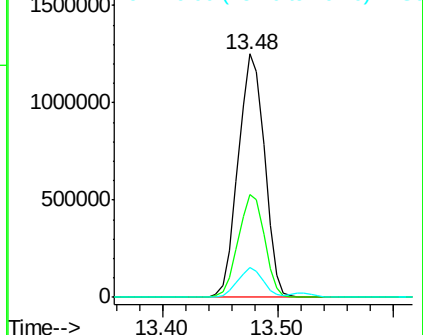
76 12.0 0.0 33.5



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: 45.12 ng

RT: 13.52 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

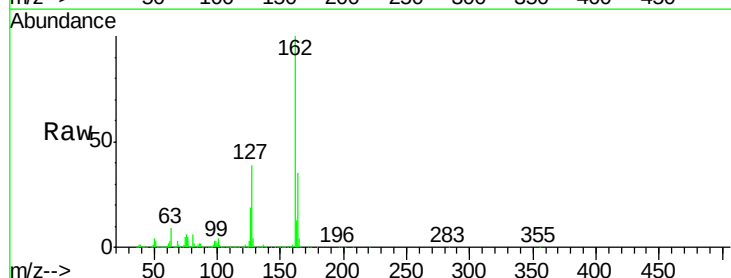
Tgt Ion:162 Resp: 1500164

Ion Ratio Lower Upper

162 100

127 39.0 32.2 48.4

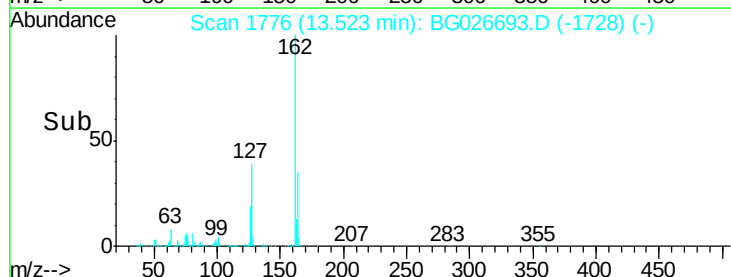
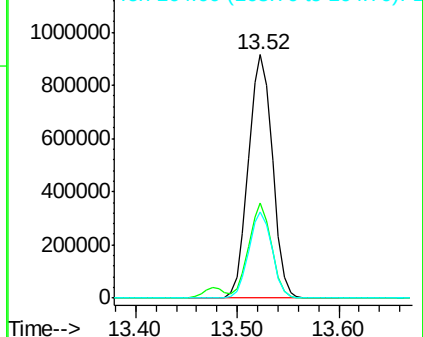
164 35.4 27.3 40.9

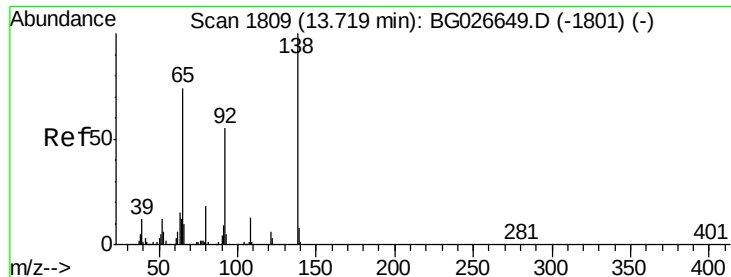


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

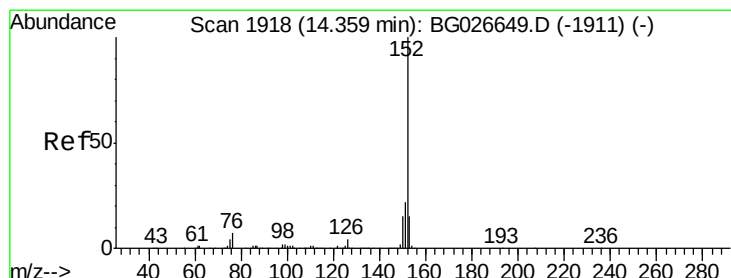
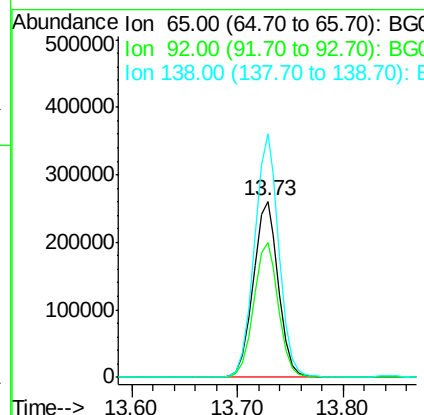
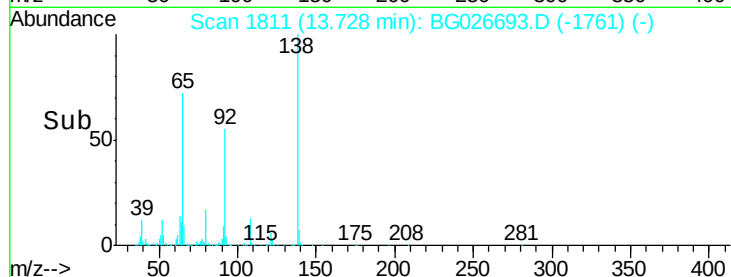
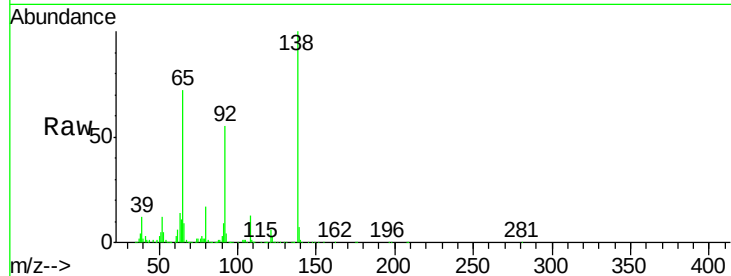




#47
2-Nitroaniline
Concen: 50.50 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

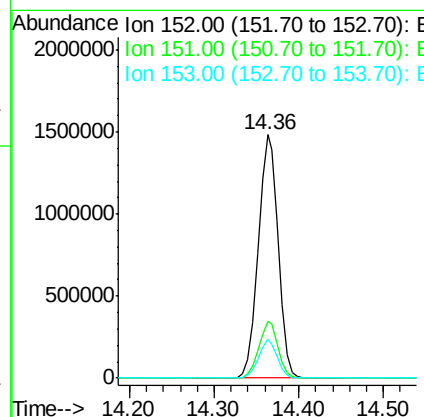
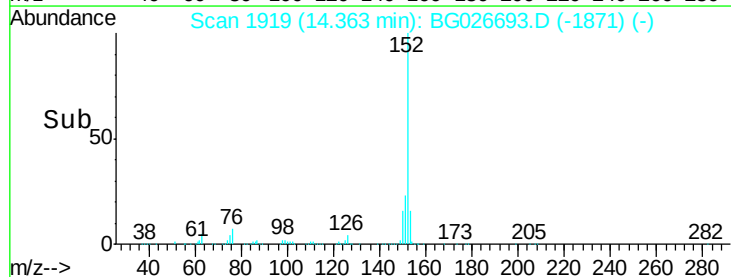
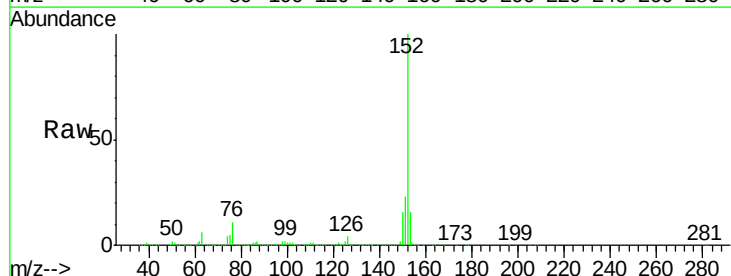
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

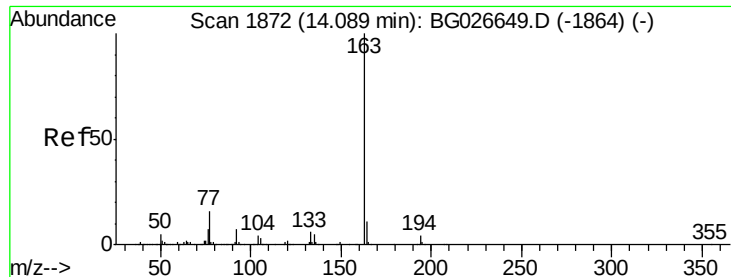
Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	49.0	73.4#
138	138.3	58.6	87.8#



#48
Acenaphthylene
Concen: 45.83 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.2	27.2
153	15.8	11.3	16.9

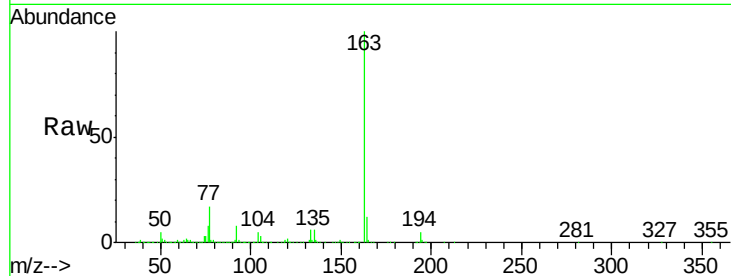




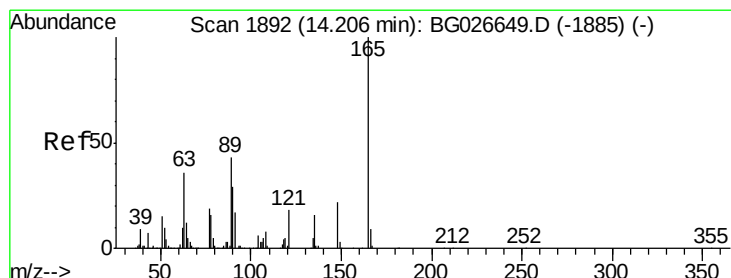
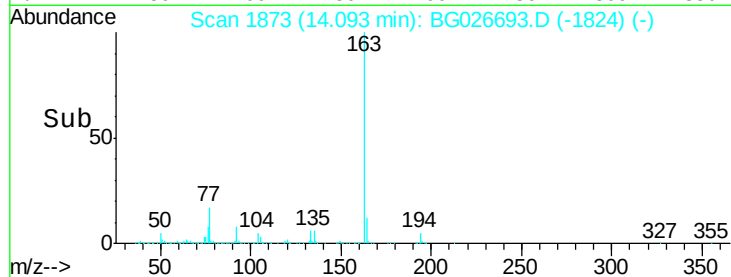
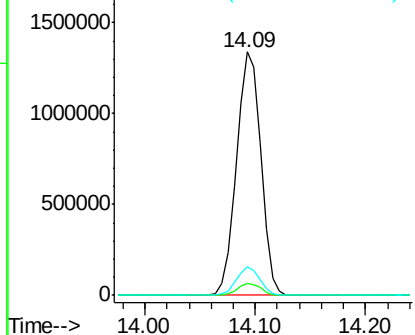
#49
Dimethylphthalate
Concen: 48.63 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

Tot Ion:163 Resp: 2078501
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 11.7 9.3 13.9

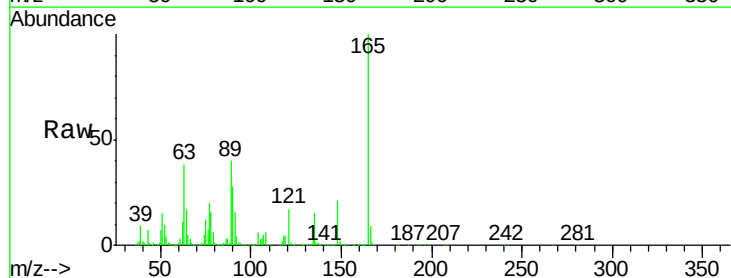


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

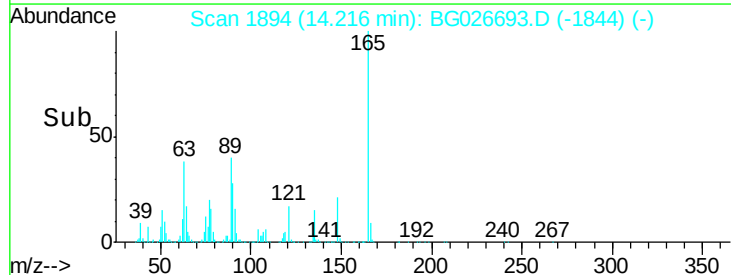
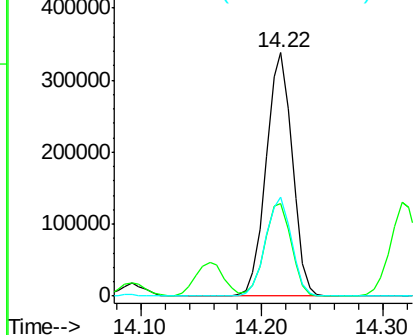


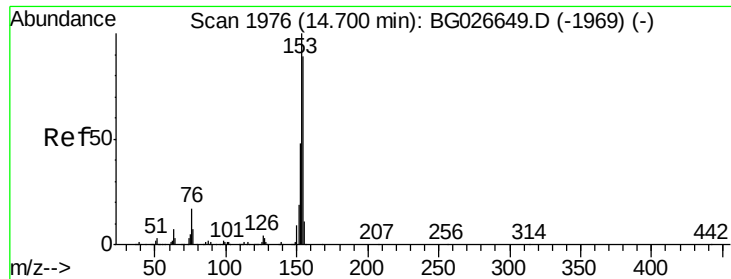
#50
2,6-Dinitrotoluene
Concen: 50.43 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:165 Resp: 503982
Ion Ratio Lower Upper
165 100
63 37.8 63.9 95.9#
89 40.5 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.97 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

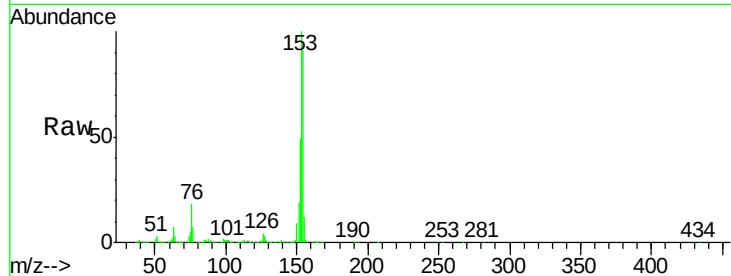
Tot Ion:154 Resp: 1598122

Ion Ratio Lower Upper

154 100

153 109.8 87.8 131.6

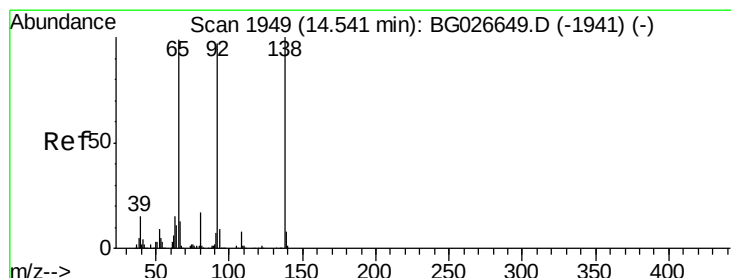
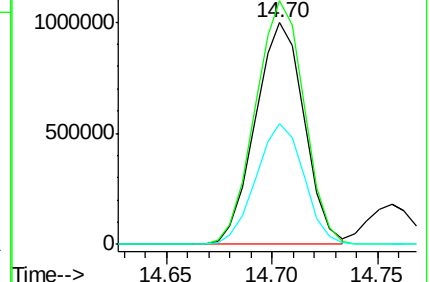
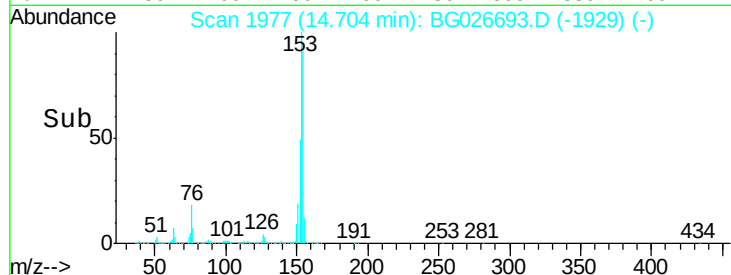
152 54.3 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.54 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

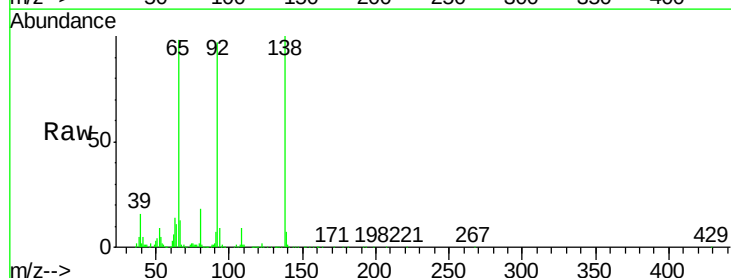
Tgt Ion:138 Resp: 191187

Ion Ratio Lower Upper

138 100

108 9.5 10.9 16.3#

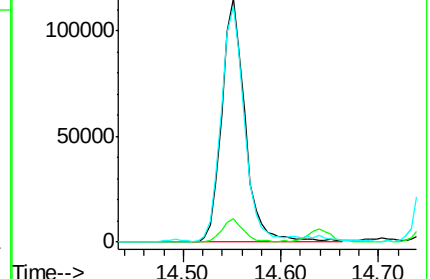
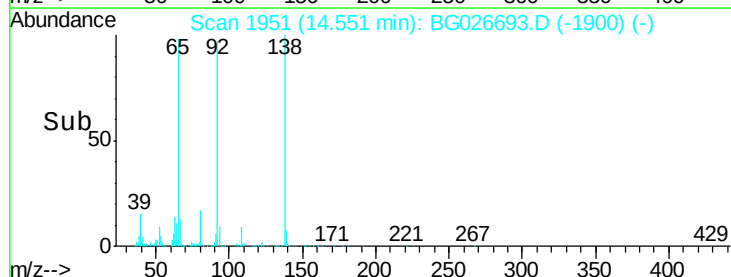
92 96.8 115.3 172.9#

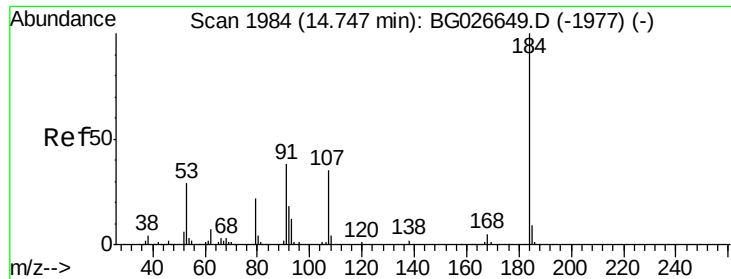


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

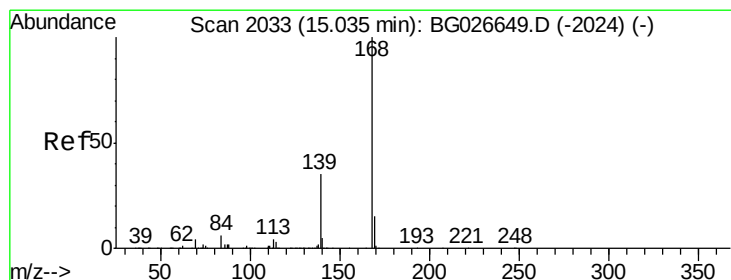
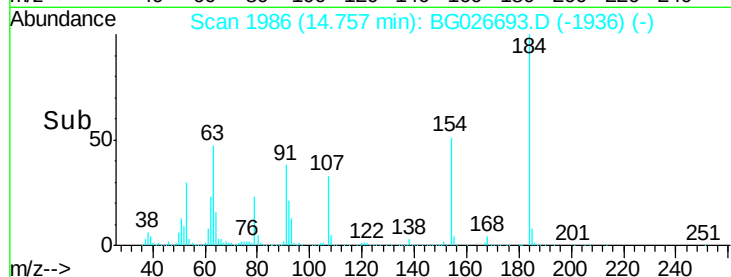
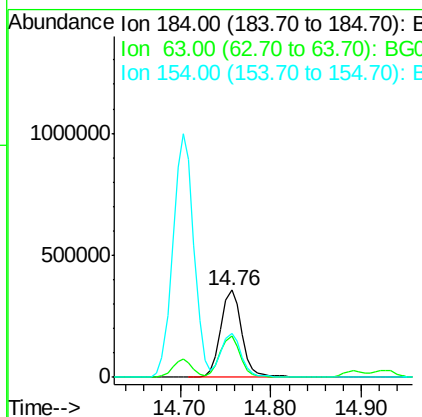
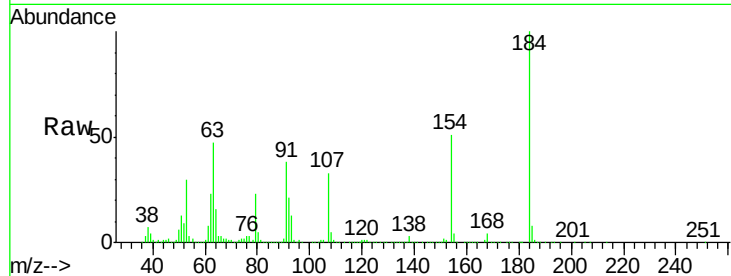




#53
2,4-Dinitrophenol
Concen: 96.24 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

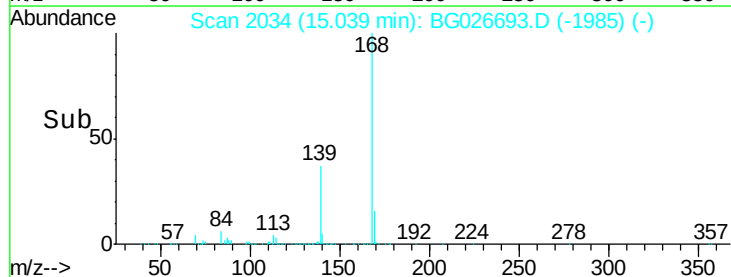
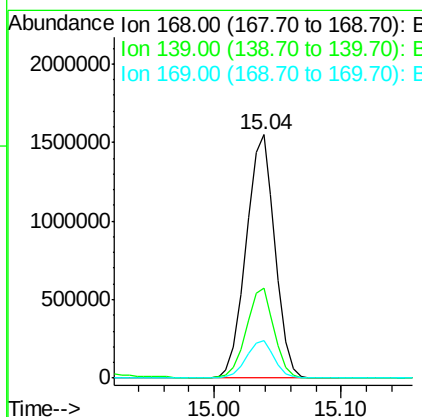
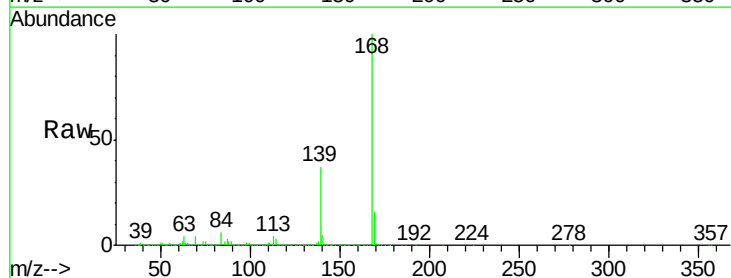
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

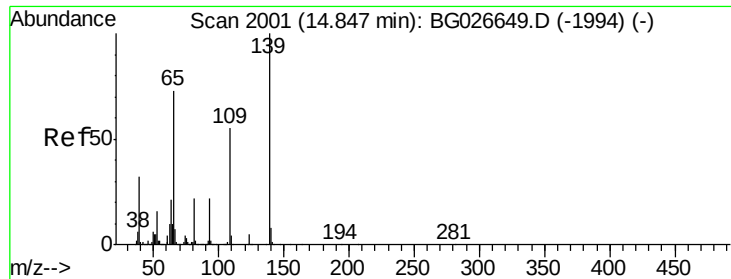
Tot Ion:184 Resp: 582996
Ion Ratio Lower Upper
184 100
63 46.9 52.7 79.1#
154 50.9 57.3 85.9#



#54
Dibenzofuran
Concen: 45.79 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:168 Resp: 2428547
Ion Ratio Lower Upper
168 100
139 37.0 35.3 52.9
169 15.5 11.5 17.3

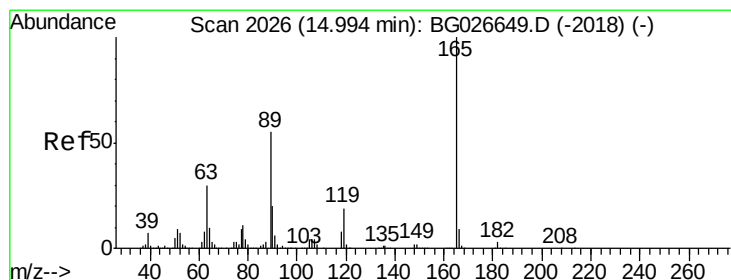
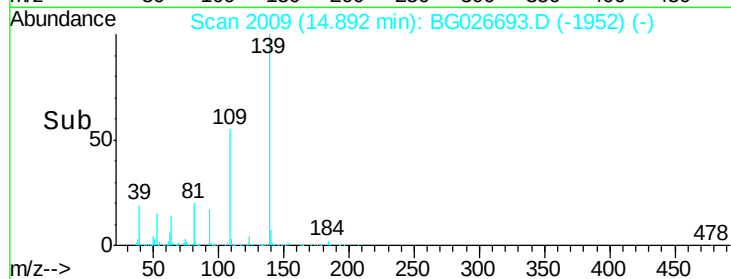
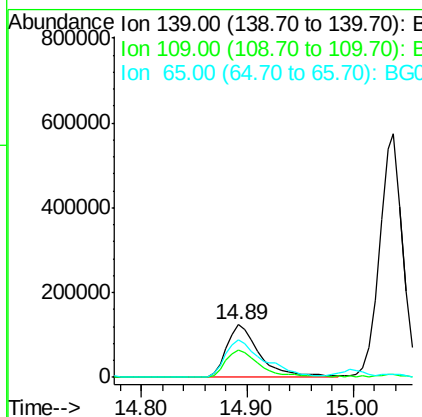
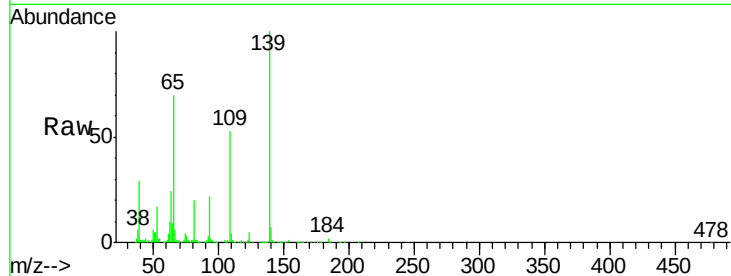




#55
4-Nitrophenol
Concen: 29.39 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.03 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

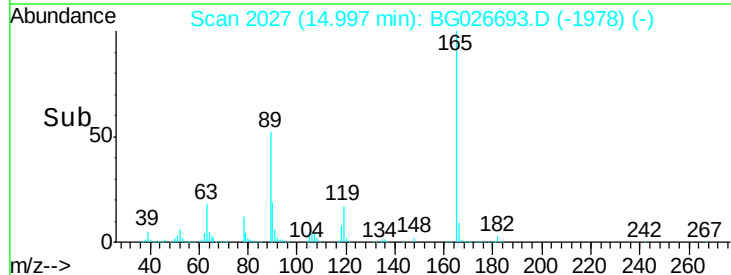
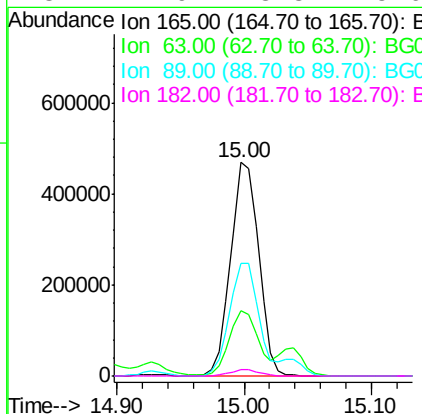
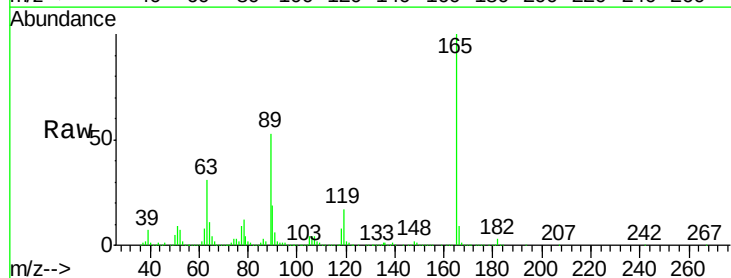
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

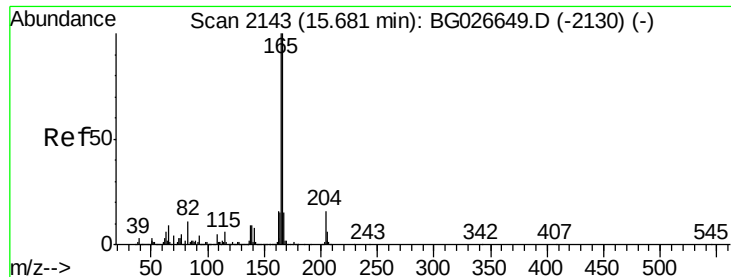
Tot Ion	Ratio	Lower	Upper
139	100		
109	53.2	101.2	141.2#
65	70.5	135.3	175.3#



#56
2,4-Dinitrotoluene
Concen: 50.48 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.7	44.0	66.0#
89	53.0	67.3	100.9#
182	2.9	3.8	5.6#





#57

Fluorene

Concen: 46.82 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

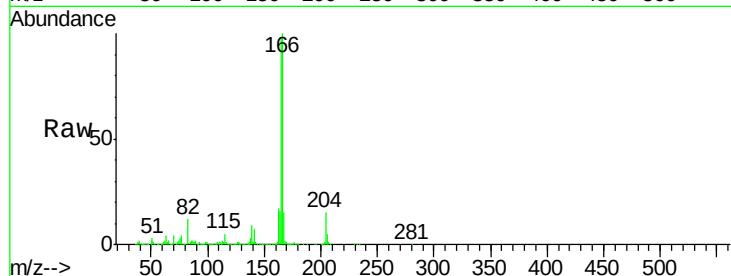
BNA_G

ClientSampleId :

HW-7-42017MSD

Tot Ion:166 Resp: 2044581

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	14.9	11.6	17.4

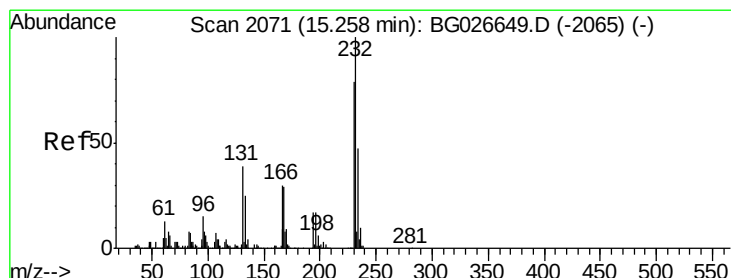
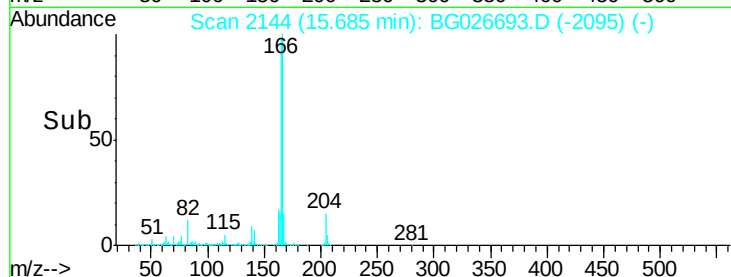
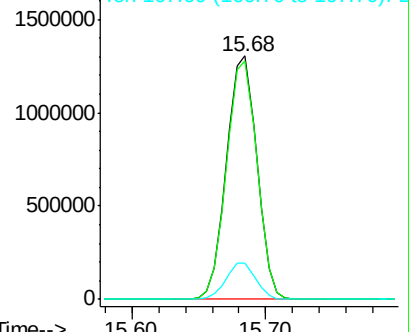


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.37 ng

RT: 15.27 min Scan# 2073

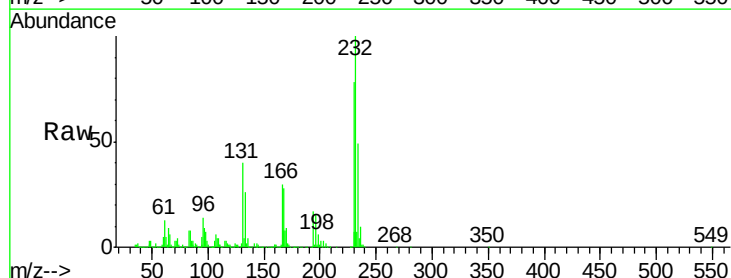
Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Tgt Ion:232 Resp: 577771

Ion	Ratio	Lower	Upper
232	100		
131	39.1	34.9	52.3
130	2.3	2.3	3.5#
166	29.4	24.2	36.4



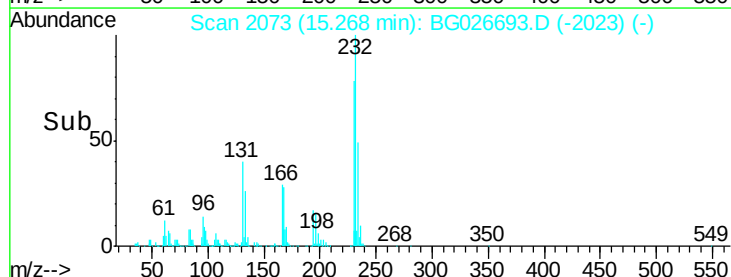
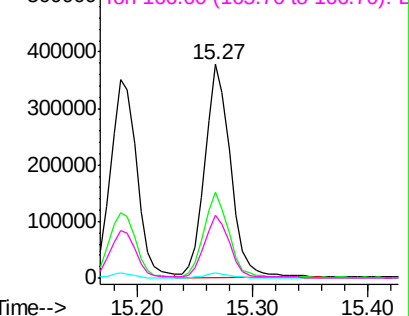
Abundance

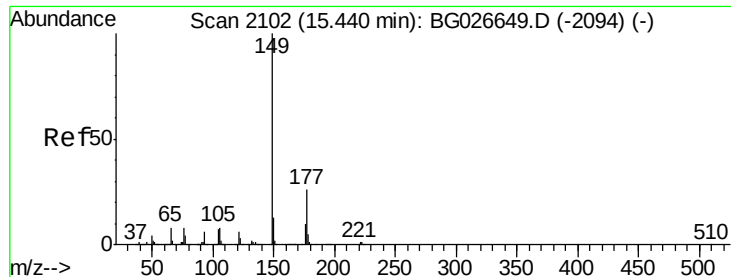
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.00 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

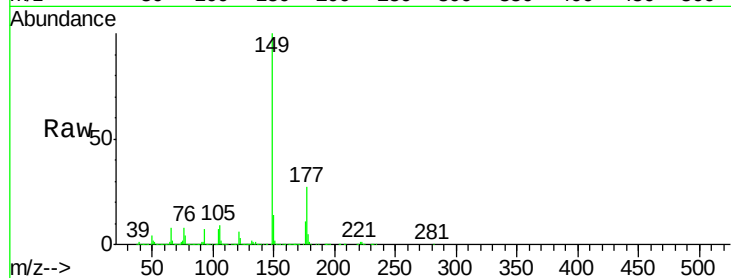
Tot Ion:149 Resp: 1998545

Ion Ratio Lower Upper

149 100

177 27.0 20.1 30.1

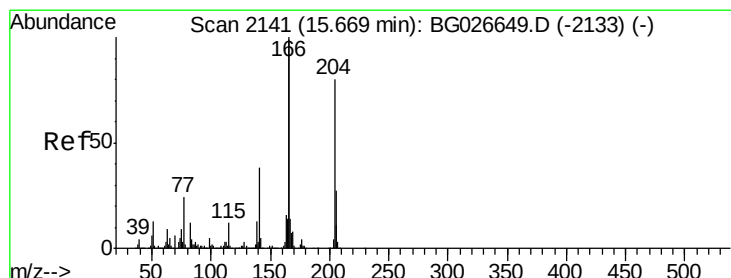
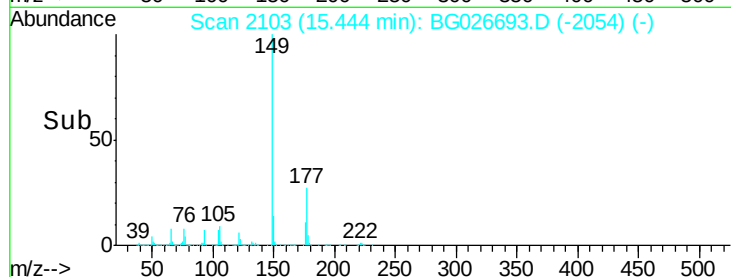
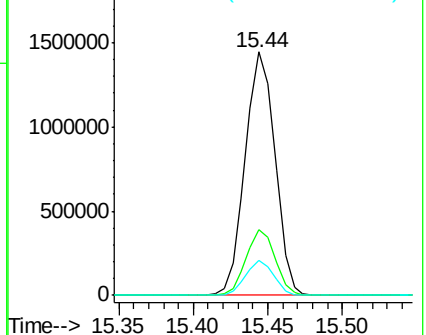
150 14.4 10.2 15.2



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: 47.83 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

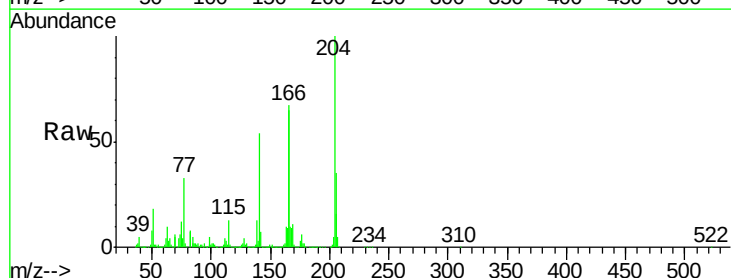
Tgt Ion:204 Resp: 1042431

Ion Ratio Lower Upper

204 100

206 34.8 30.1 45.1

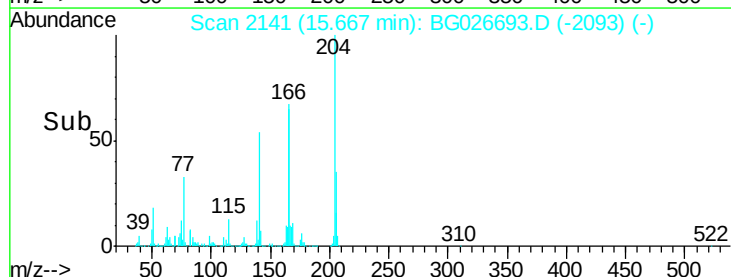
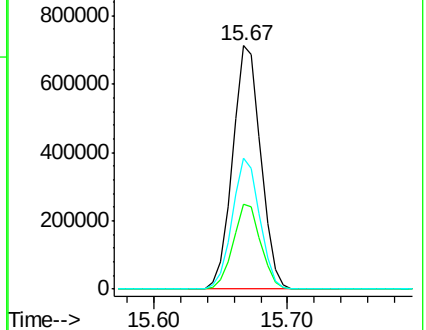
141 53.8 50.6 76.0

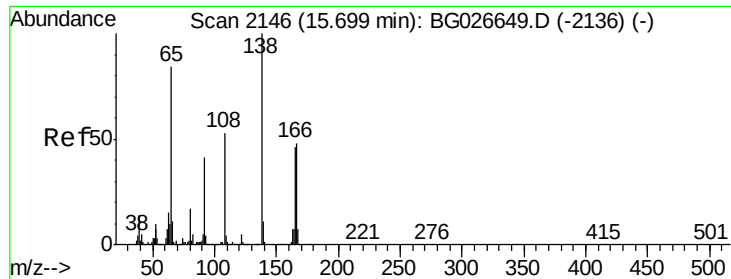


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

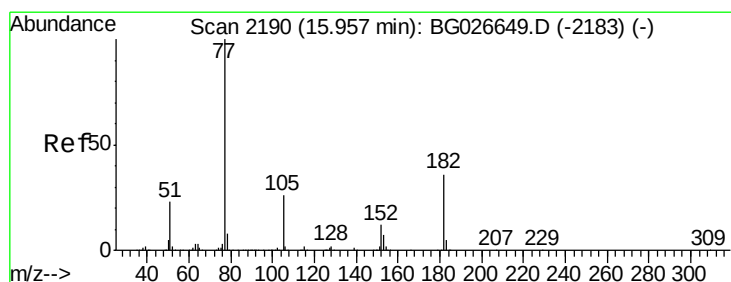
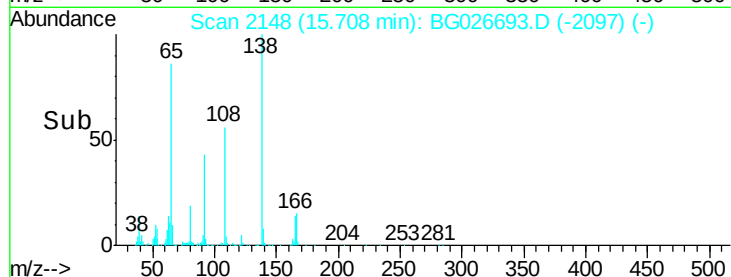
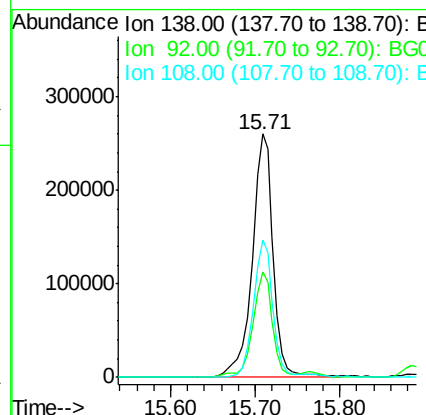
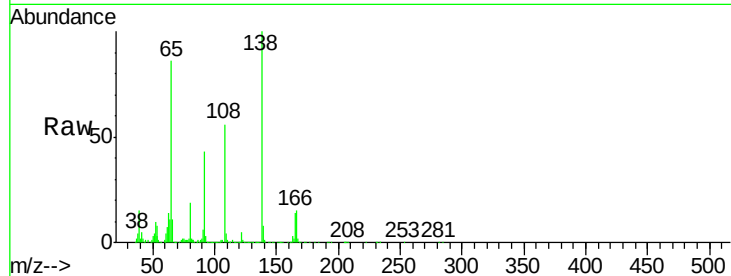




#61
4-Nitroaniline
Concen: 38.76 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

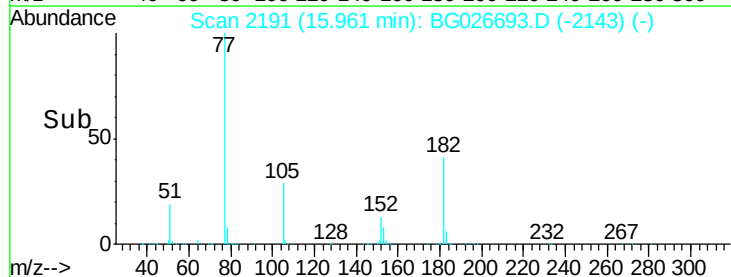
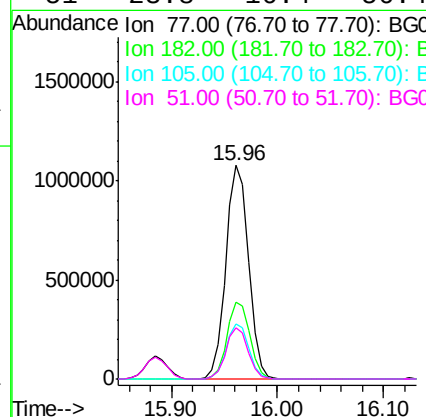
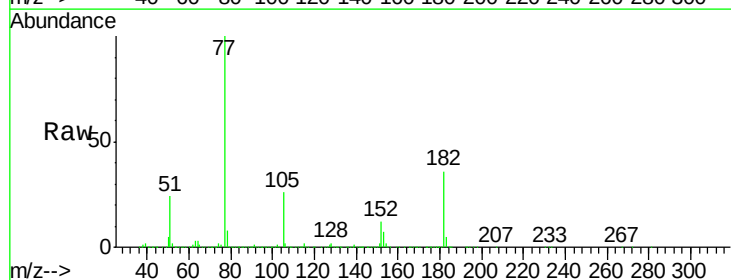
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

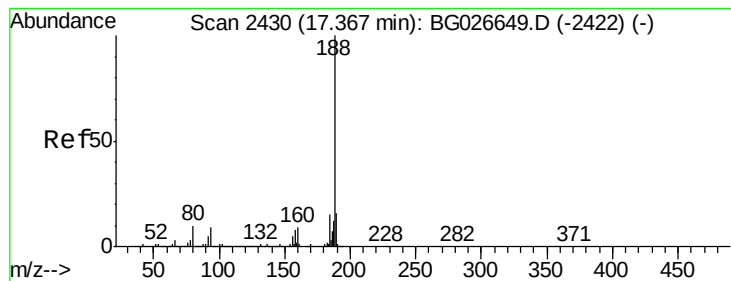
Tot Ion:138 Resp: 450606
Ion Ratio Lower Upper
138 100
92 43.3 44.2 84.2#
108 56.3 104.8 144.8#



#62
Azobenzene
Concen: 47.79 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion: 77 Resp: 1602063
Ion Ratio Lower Upper
77 100
182 36.0 4.7 44.7
105 26.0 0.0 36.3
51 23.8 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

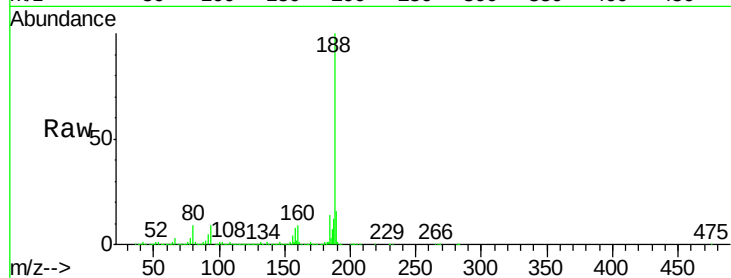
Tot Ion:188 Resp: 1291243

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

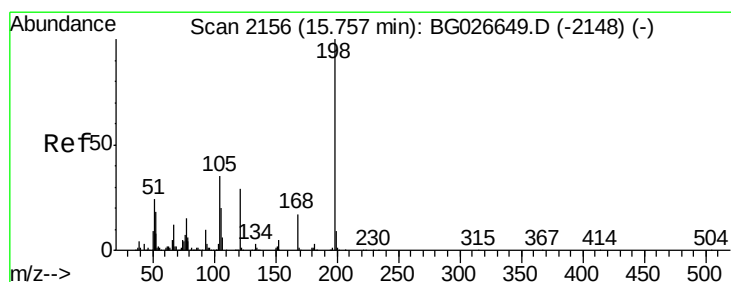
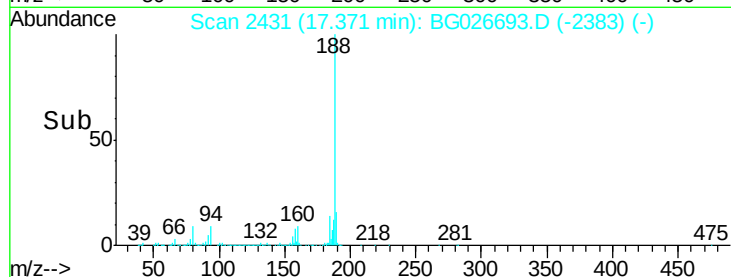
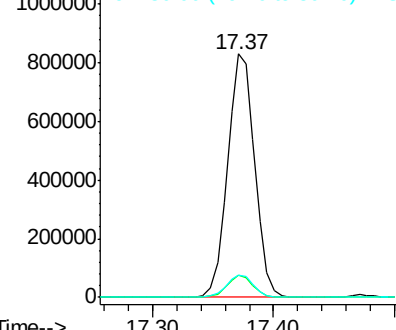
80 9.3 7.5 11.3



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: 49.01 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

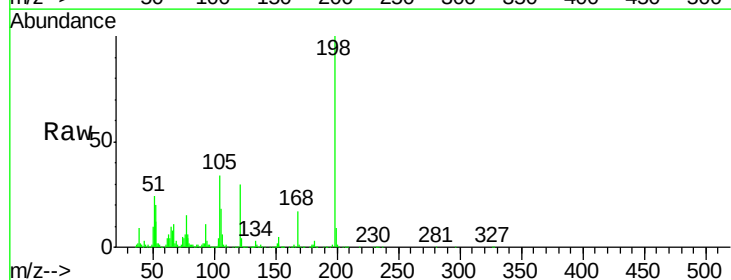
Tgt Ion:198 Resp: 427389

Ion Ratio Lower Upper

198 100

51 24.0 22.6 62.6

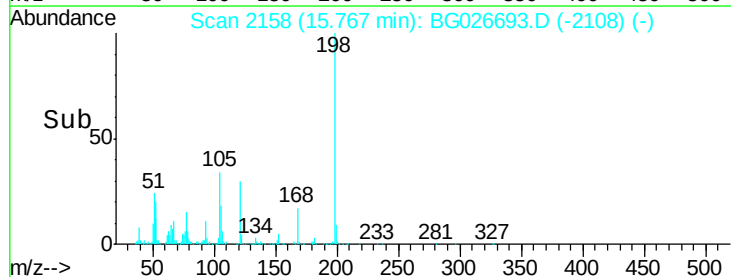
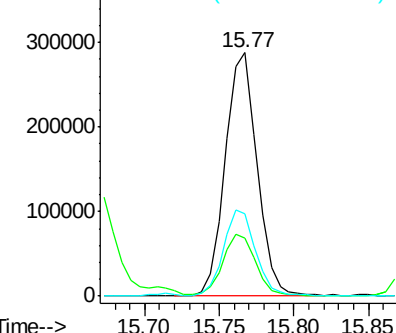
105 34.0 14.4 54.4

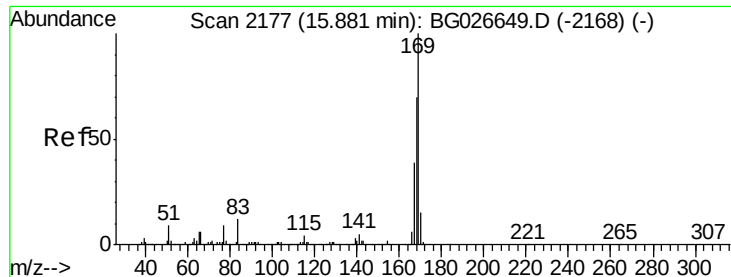


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

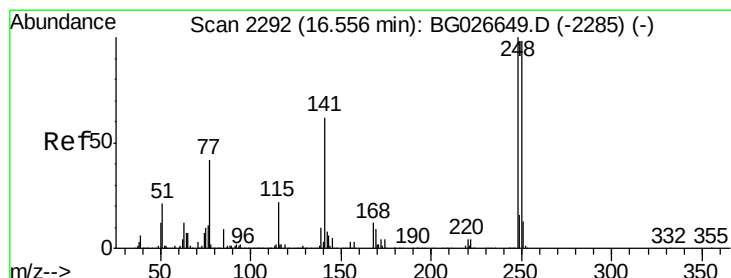
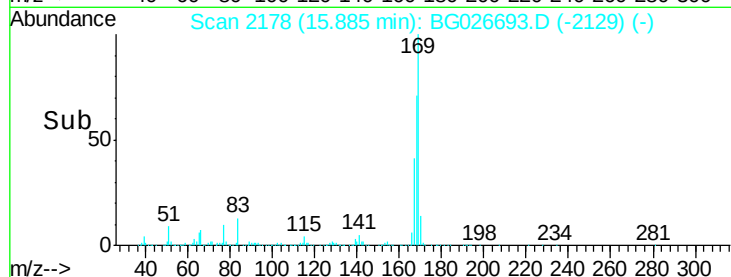
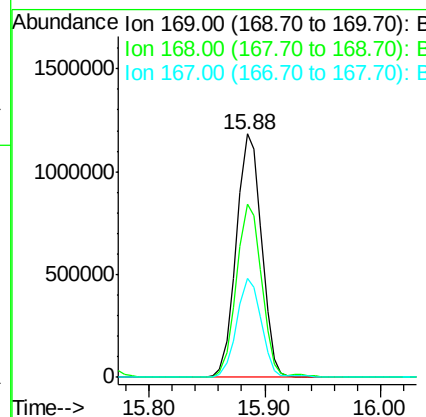
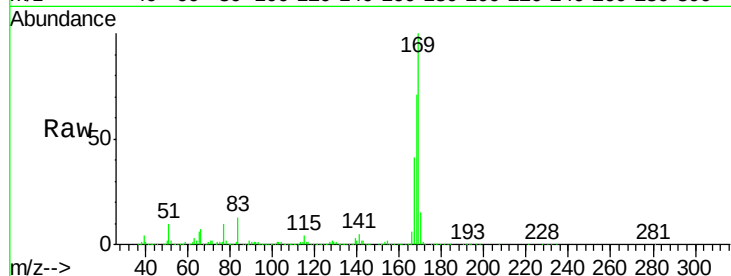




#65
 n-Nitrosodiphenylamine
 Concen: 48.25 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

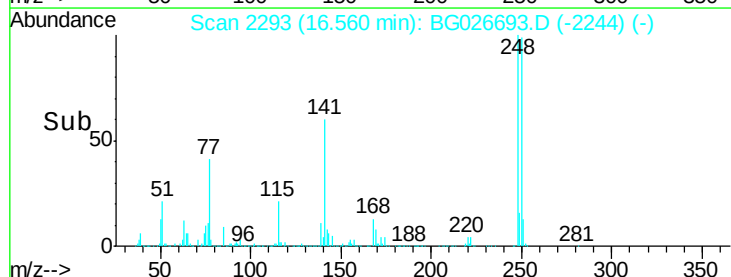
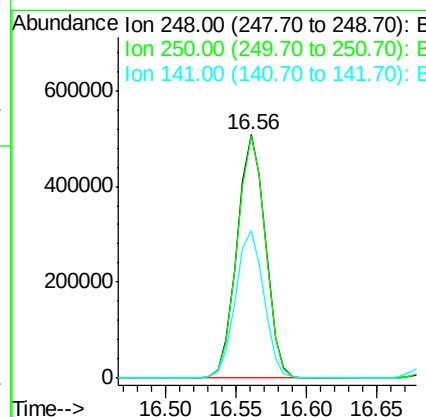
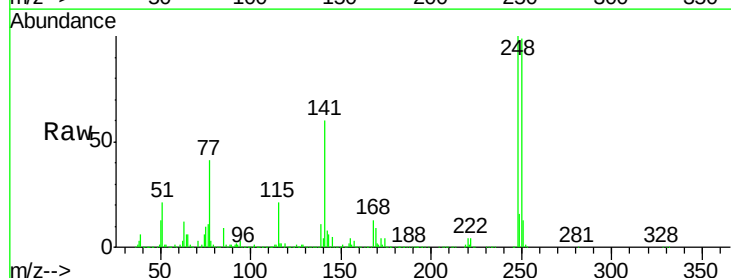
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

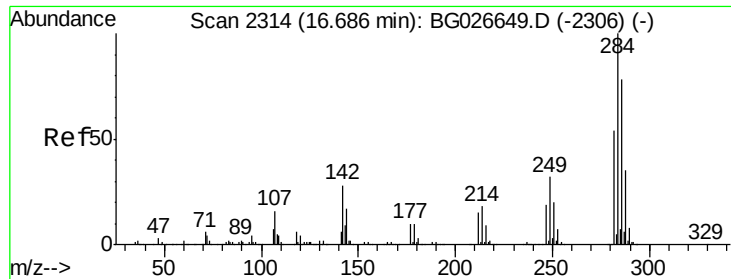
Tot Ion:169 Resp: 1797241
 Ion Ratio Lower Upper
 169 100
 168 71.1 55.7 83.5
 167 40.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 50.31 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion:248 Resp: 709778
 Ion Ratio Lower Upper
 248 100
 250 99.4 75.0 112.6
 141 60.5 55.2 82.8

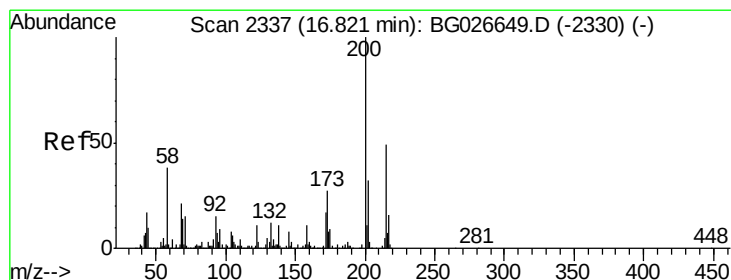
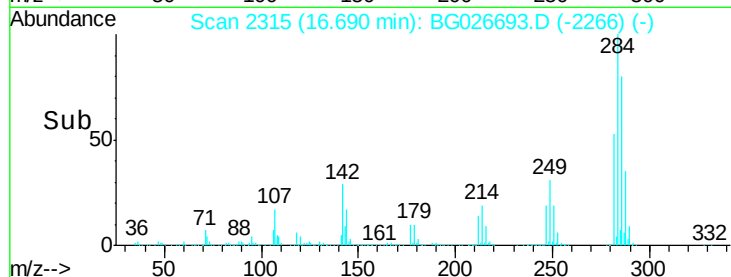
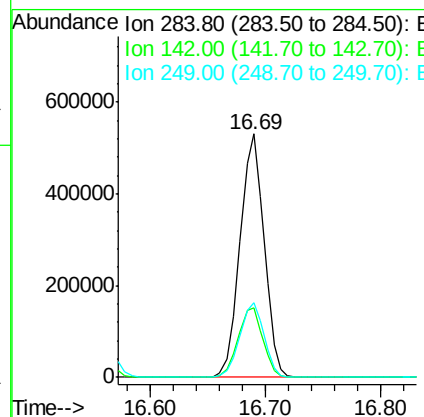
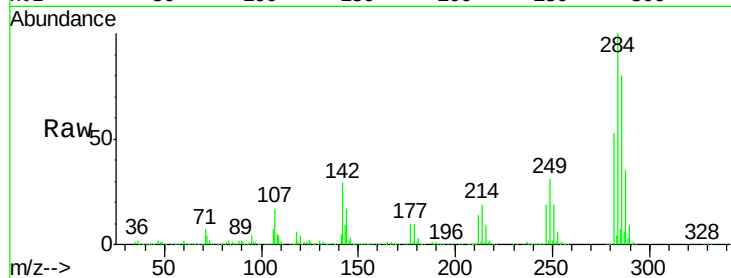




#67
Hexachlorobenzene
Concen: 49.32 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

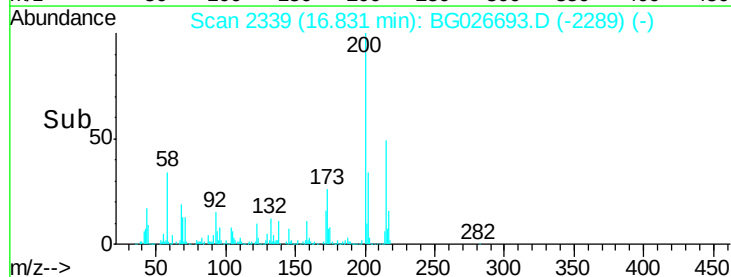
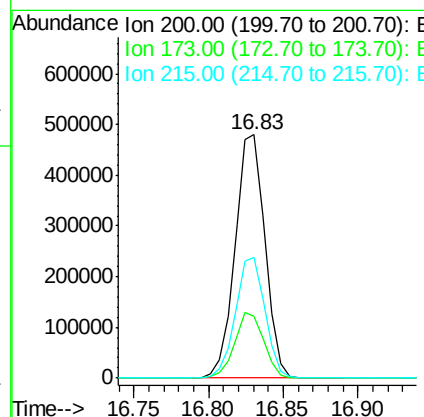
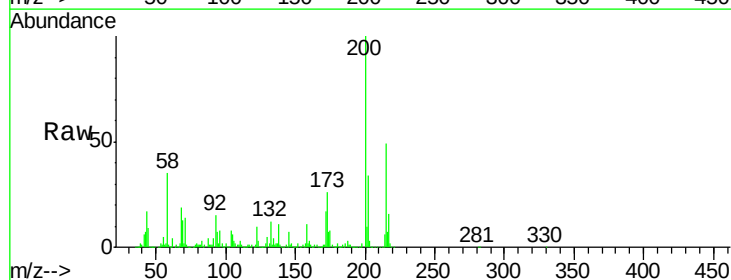
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

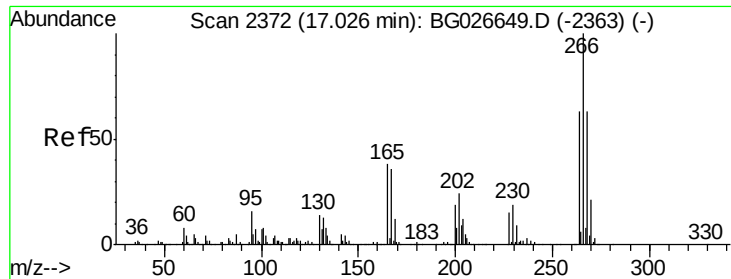
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.6	29.9	44.9#
249	30.7	29.2	43.8



#68
Atrazine
Concen: 46.16 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	3.0	43.0
215	49.3	28.4	68.4

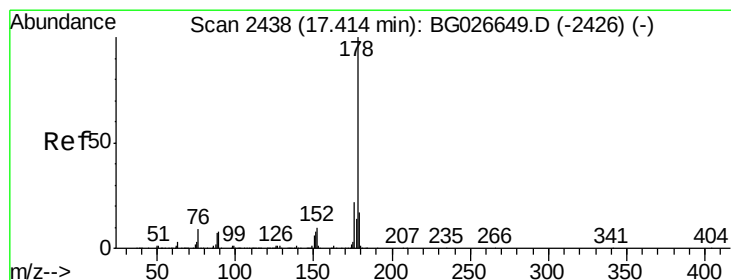
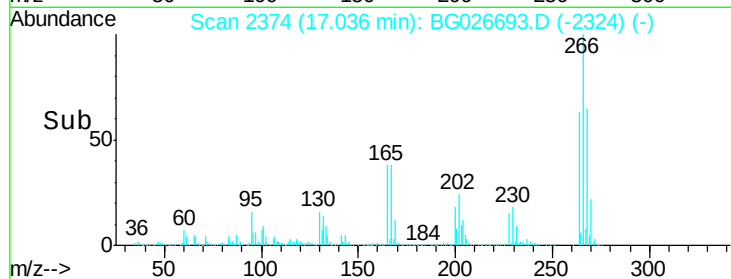
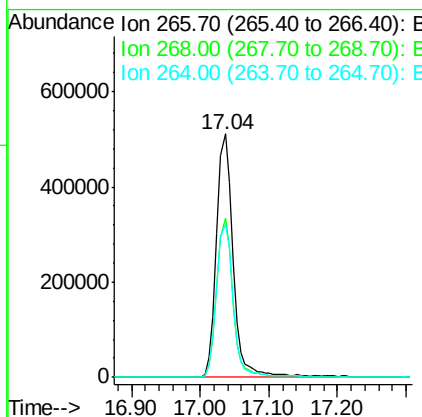
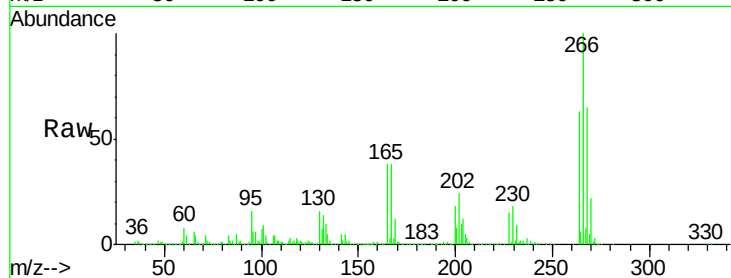




#69
 Pentachlorophenol
 Concen: 92.22 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

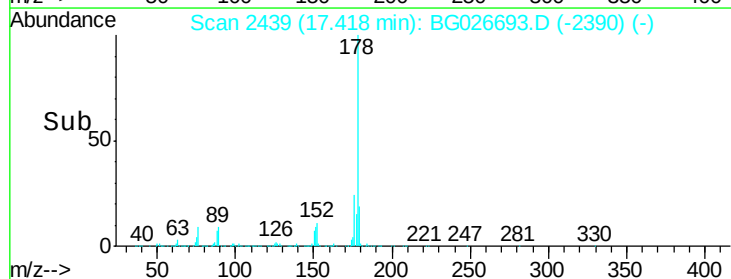
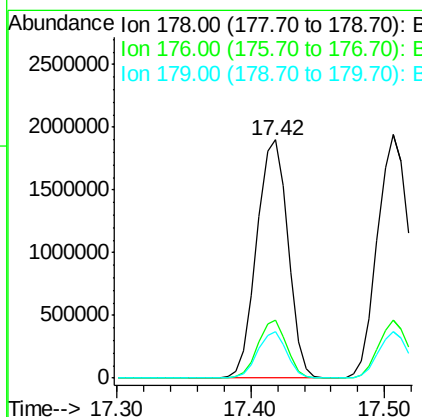
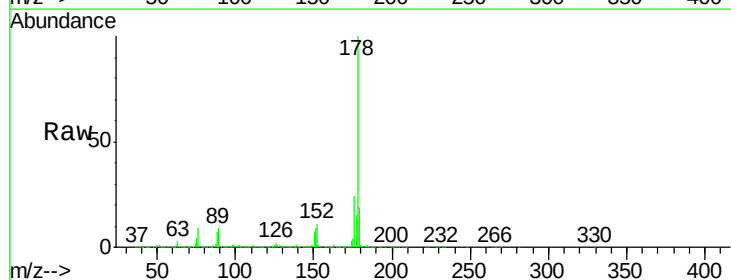
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

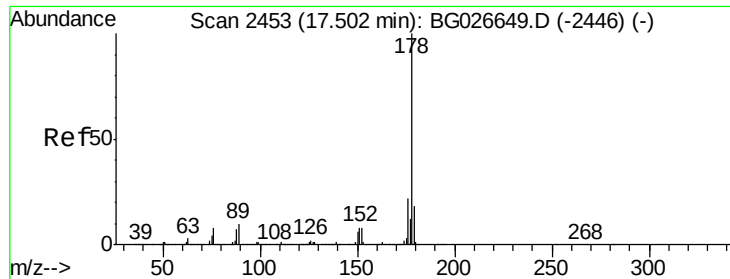
Tot Ion:266 Resp: 864157
 Ion Ratio Lower Upper
 266 100
 268 65.3 48.6 72.8
 264 63.0 50.1 75.1



#70
 Phenanthrene
 Concen: 46.15 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion:178 Resp: 3067889
 Ion Ratio Lower Upper
 178 100
 176 24.5 17.7 26.5
 179 19.4 15.0 22.6

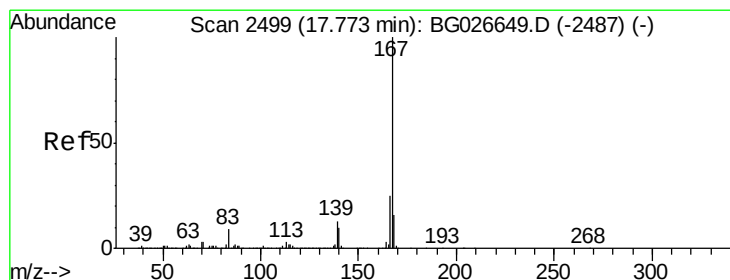
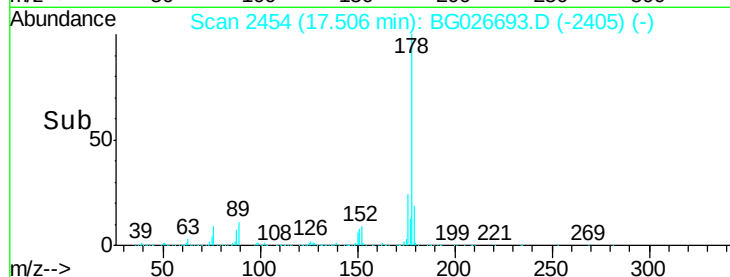
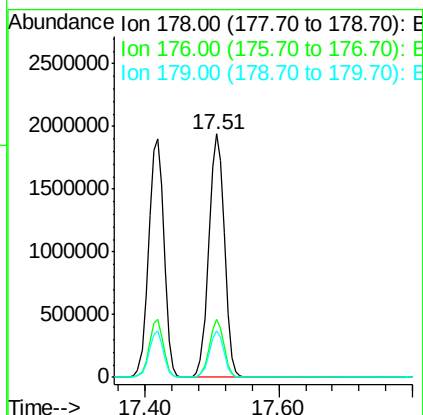
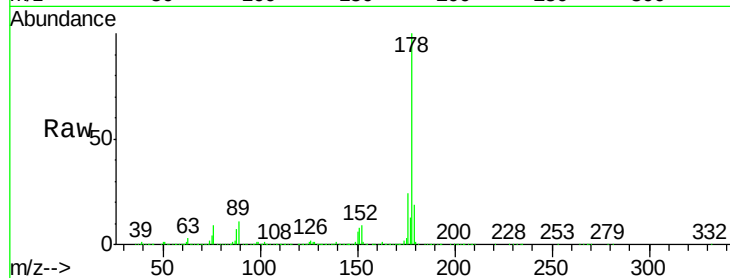




#71
 Anthracene
 Concen: 46.13 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

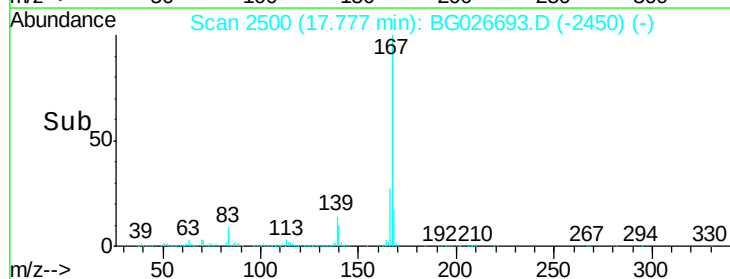
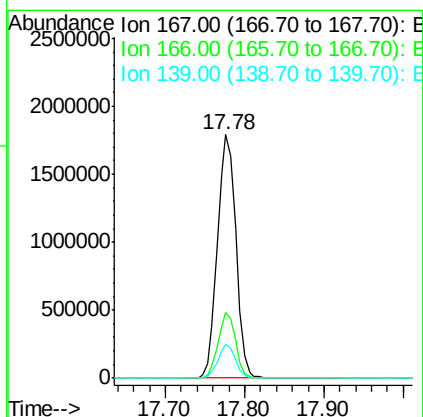
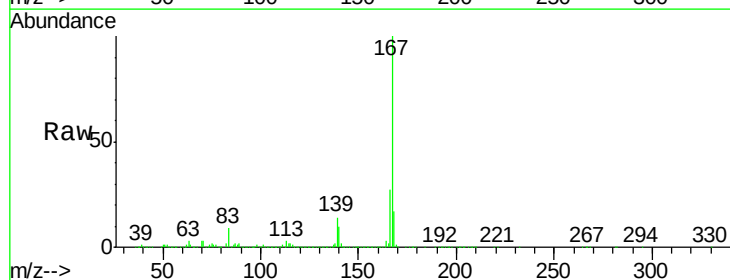
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

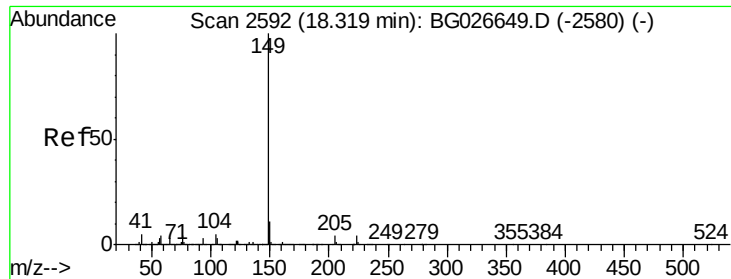
Tot Ion:178 Resp: 3169545
 Ion Ratio Lower Upper
 178 100
 176 23.6 16.4 24.6
 179 19.2 13.8 20.8



#72
 Carbazole
 Concen: 43.95 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion:167 Resp: 2891436
 Ion Ratio Lower Upper
 167 100
 166 26.8 20.2 30.2
 139 13.7 12.8 19.2

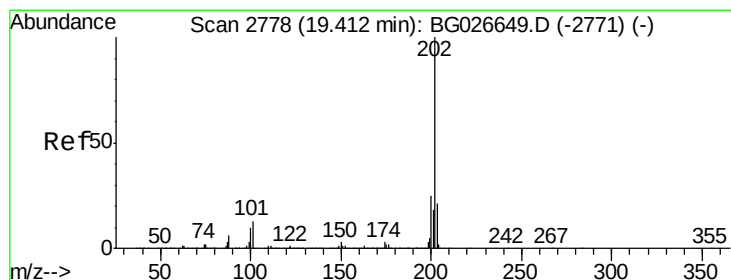
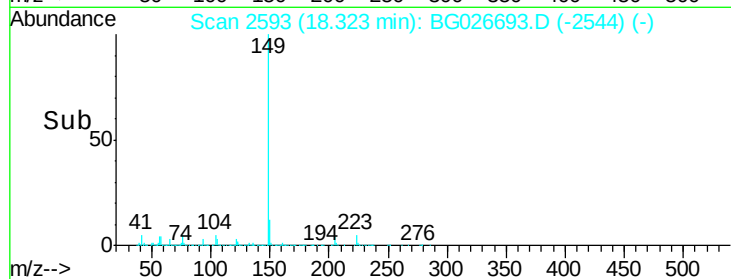
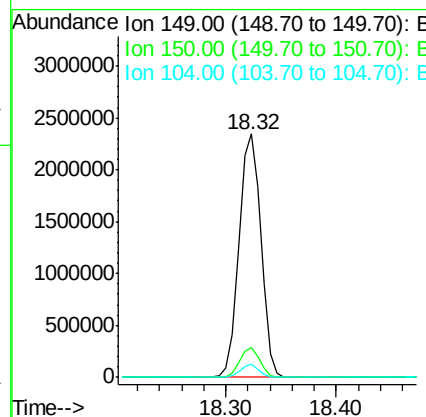
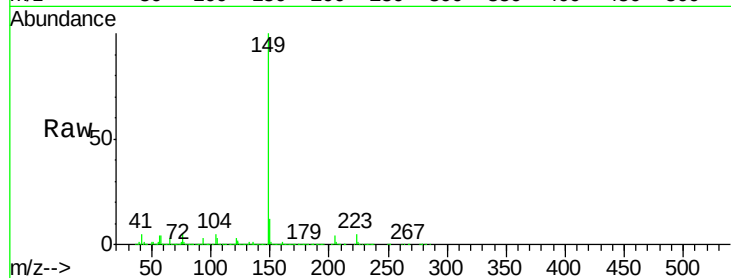




#73
Di-n-butylphthalate
Concen: 44.34 ng
RT: 18.32 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

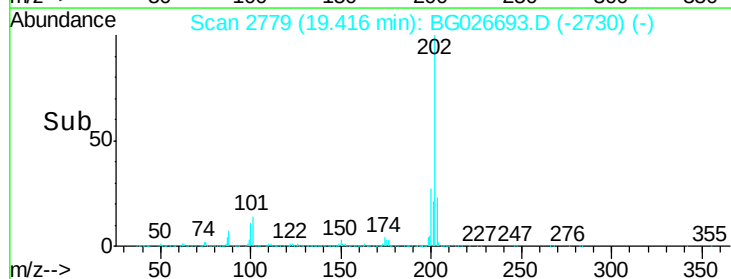
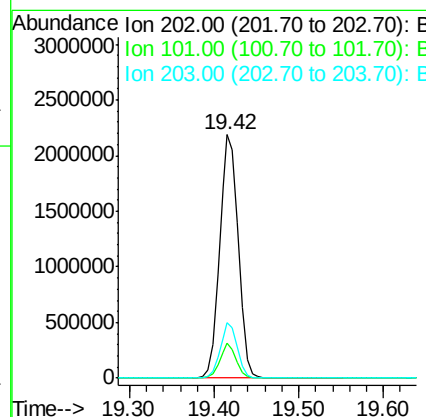
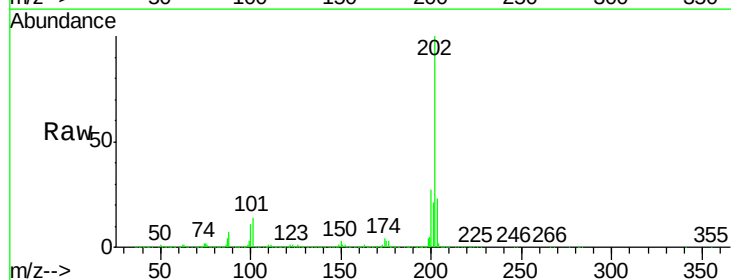
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

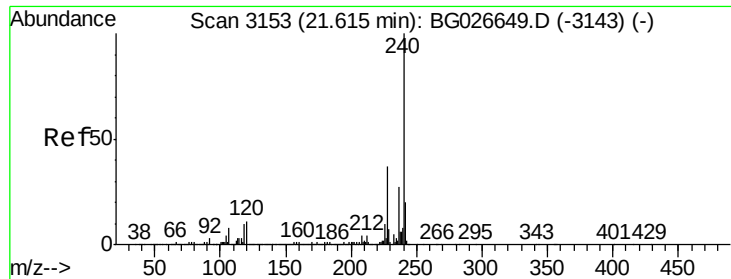
Tot Ion:149 Resp: 3270665
Ion Ratio Lower Upper
149 100
150 12.2 9.1 13.7
104 5.2 6.7 10.1#



#74
Fluoranthene
Concen: 43.80 ng
RT: 19.42 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:202 Resp: 3376363
Ion Ratio Lower Upper
202 100
101 14.3 0.0 30.1
203 23.0 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

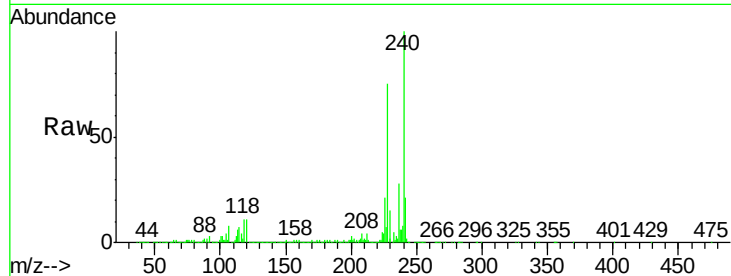
Tot Ion:240 Resp: 1338915

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

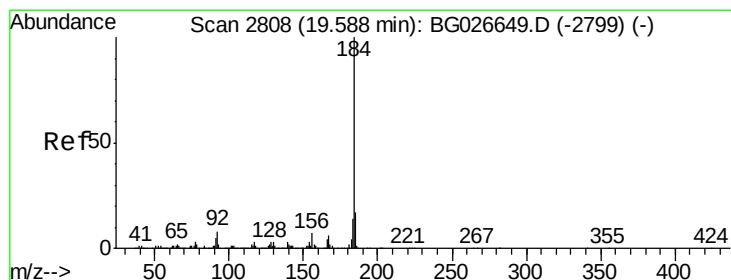
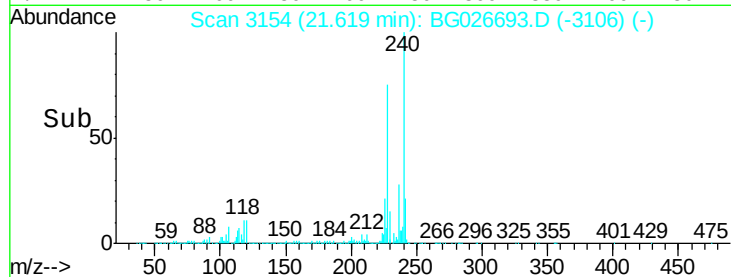
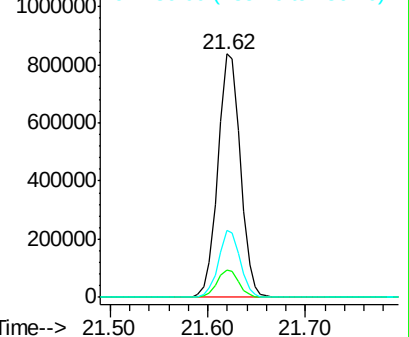
236 27.8 22.2 33.4



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: 3.85 ng m

RT: 19.62 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

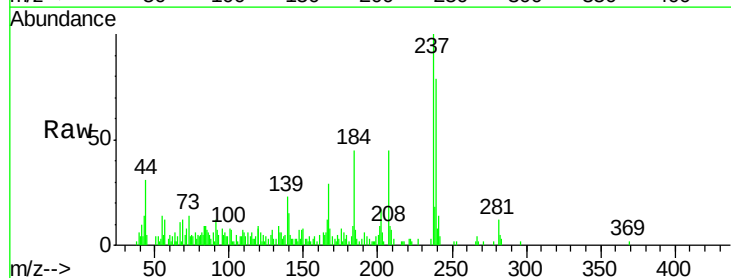
Tgt Ion:184 Resp: 5199

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

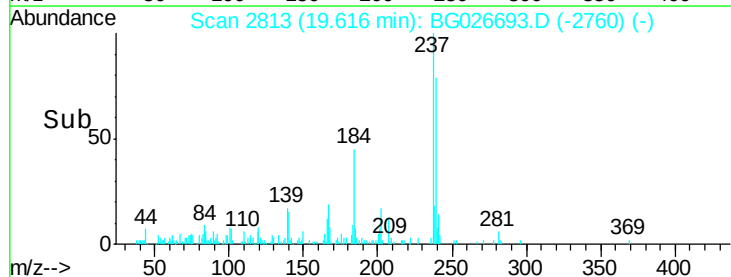
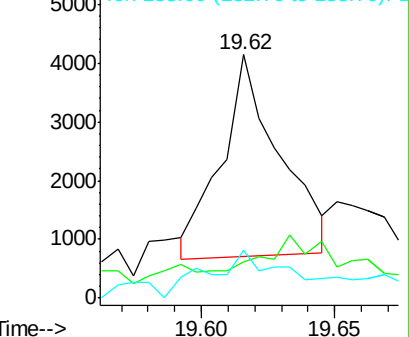
183 19.6 11.0 16.6#

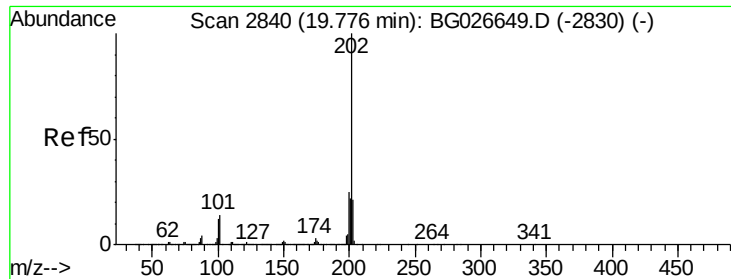


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.94 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

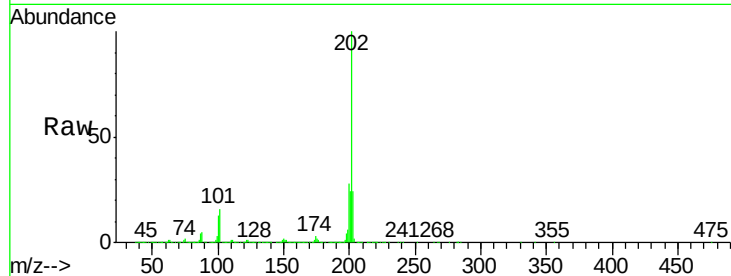
Tot Ion:202 Resp: 3383749

Ion Ratio Lower Upper

202 100

200 28.0 19.6 29.4

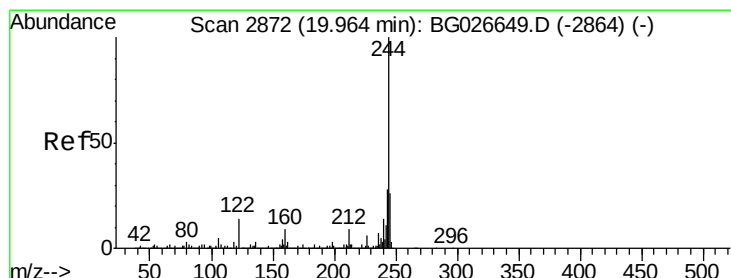
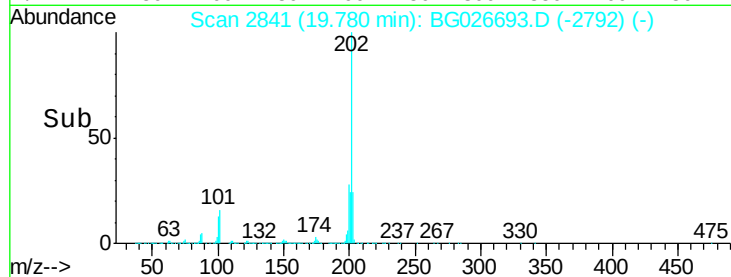
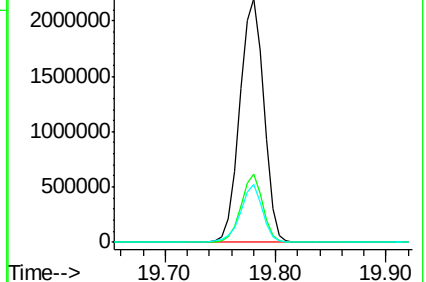
203 23.6 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.48 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

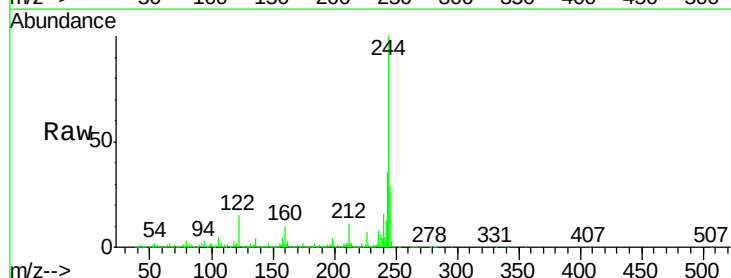
Tgt Ion:244 Resp: 4058071

Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

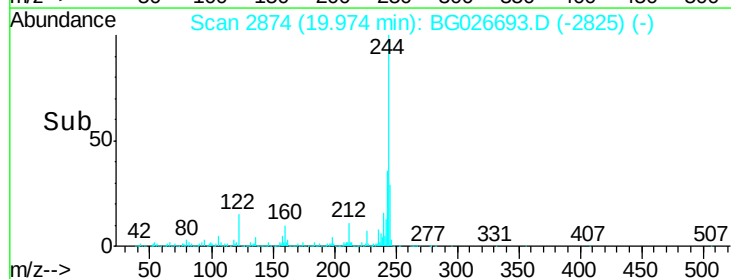
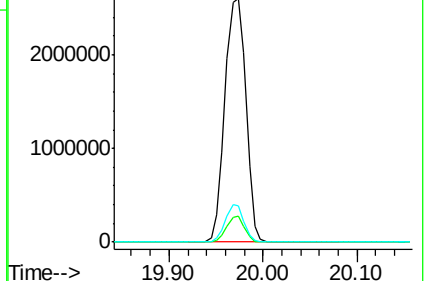
122 14.6 8.6 12.8#

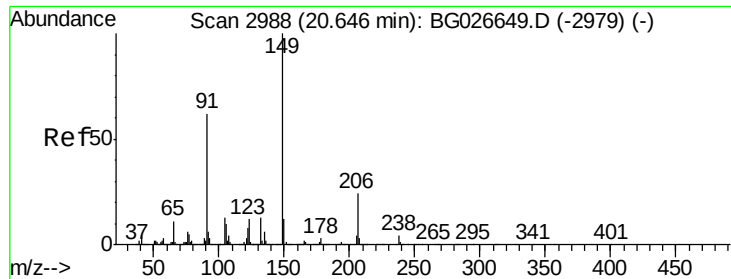


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

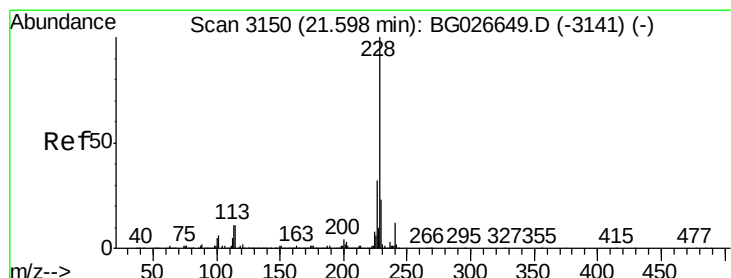
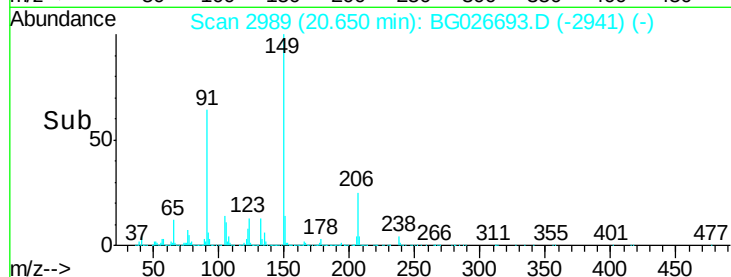
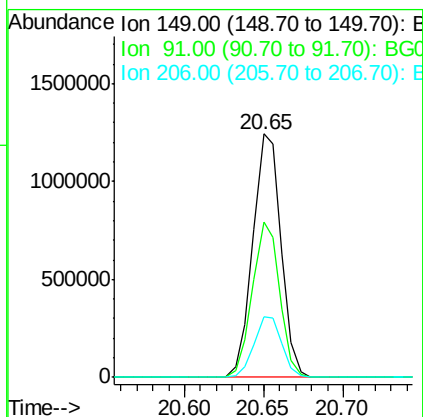
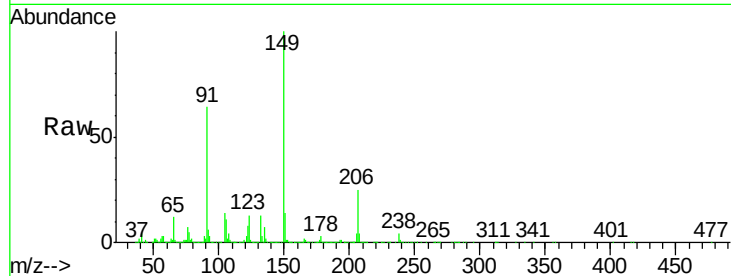




#79
Butylbenzylphthalate
Concen: 49.47 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

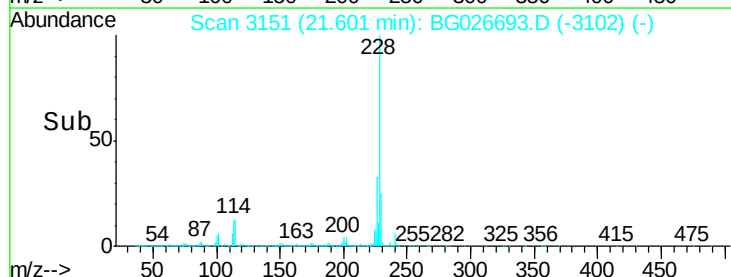
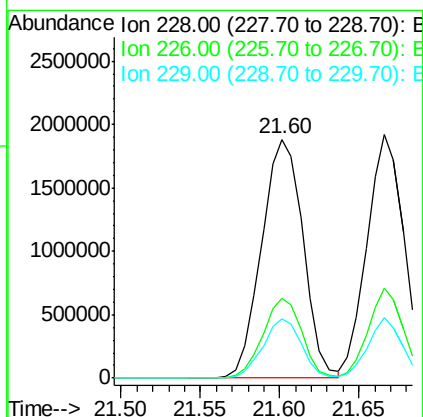
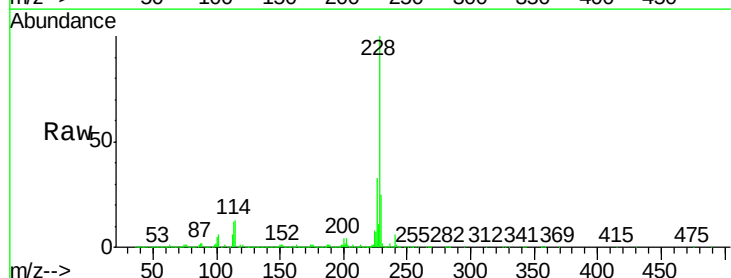
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

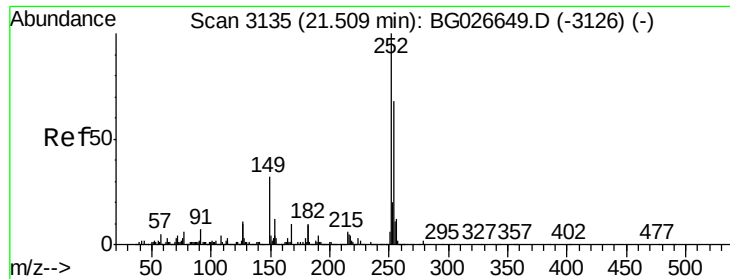
Tot Ion:149 Resp: 1534180
Ion Ratio Lower Upper
149 100
91 63.8 63.5 95.3
206 25.1 21.0 31.6



#80
Benzo(a)anthracene
Concen: 47.36 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:228 Resp: 3424903
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 24.8 18.2 27.2

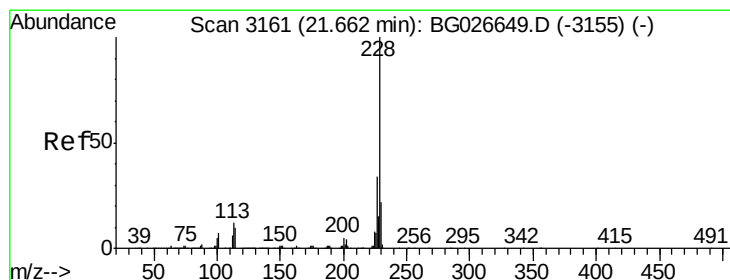
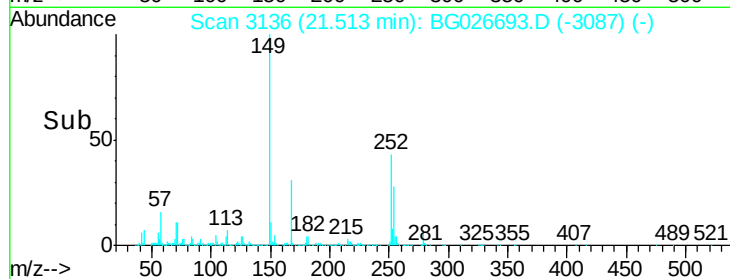
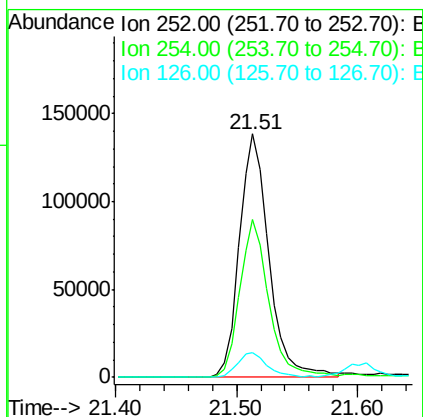
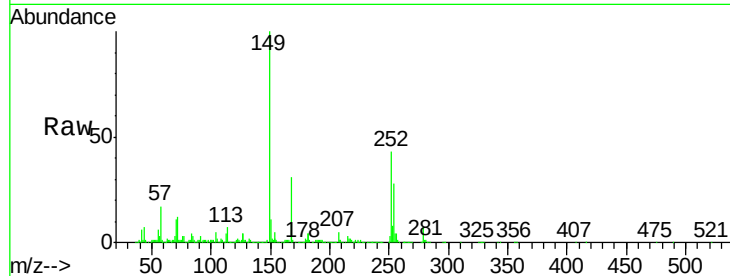




#81
 3,3'-Dichlorobenzidine
 Concen: 7.87 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

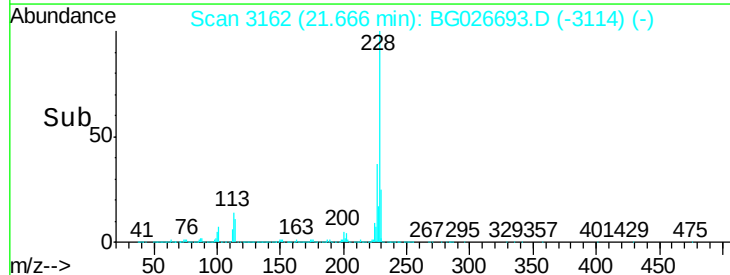
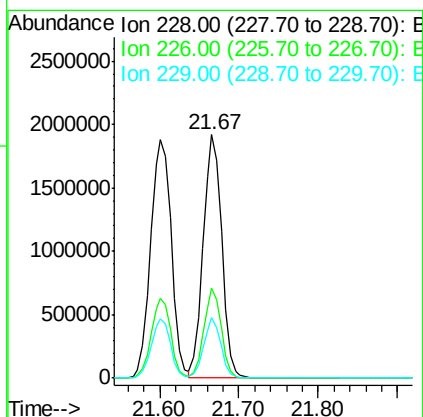
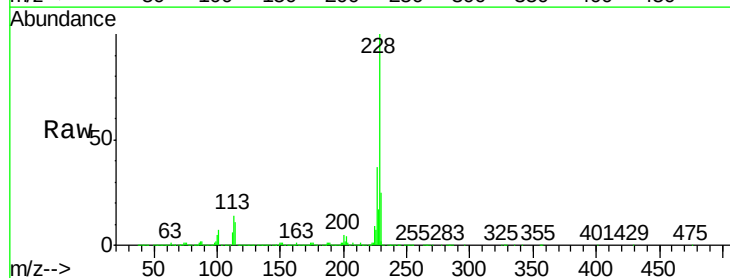
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

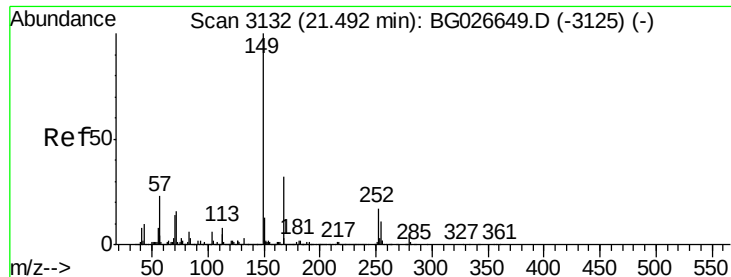
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.1	79.7
126	10.1	7.0	10.4



#82
 Chrysene
 Concen: 47.15 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	27.0	40.4
229	24.6	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.96 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

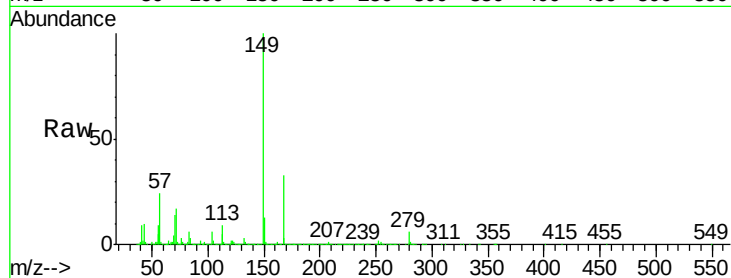
BNA_G

ClientSampleId :

HW-7-42017MSD

Tot Ion:149 Resp: 2188336

Ion	Ratio	Lower	Upper
149	100		
167	33.3	23.7	35.5
279	5.8	4.6	6.8

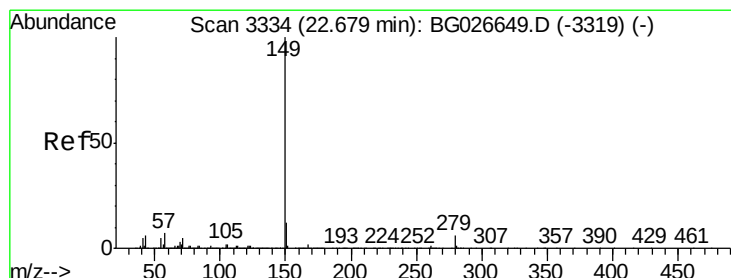
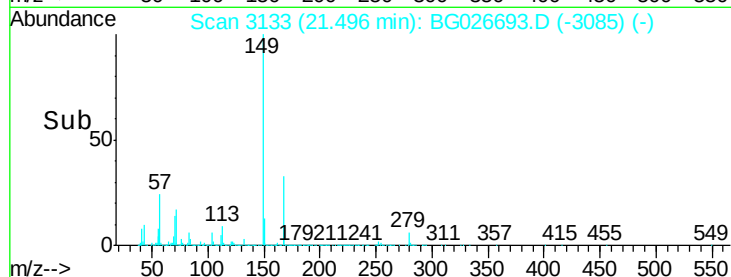
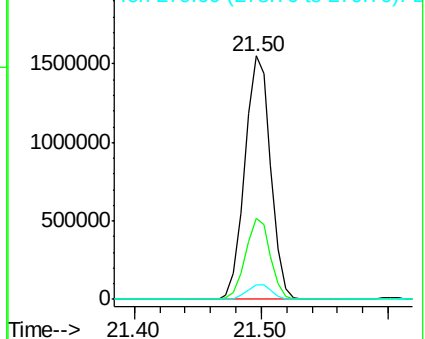


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.92 ng

RT: 22.68 min Scan# 3335

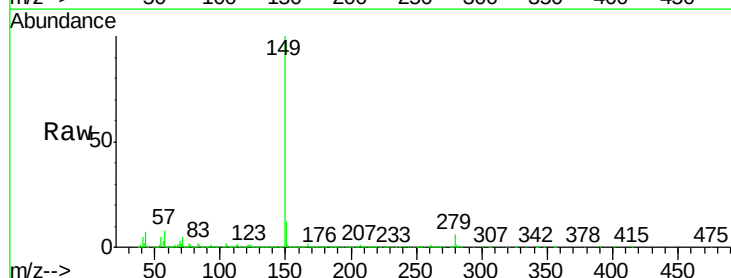
Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Tgt Ion:149 Resp: 3651282

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	6.1	11.8	17.6

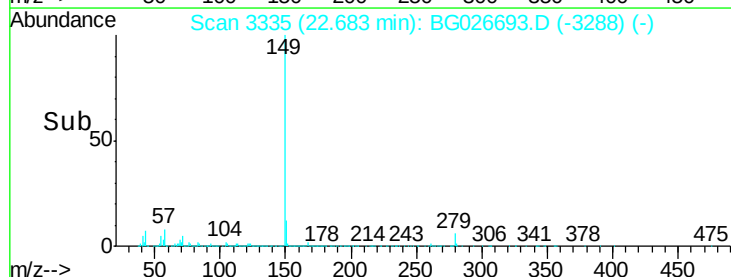
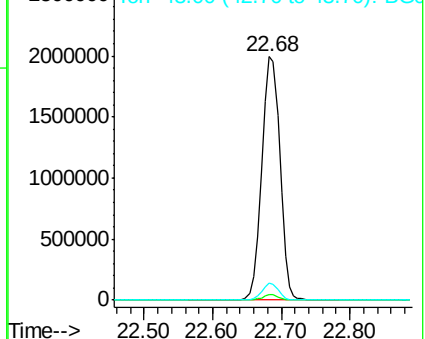


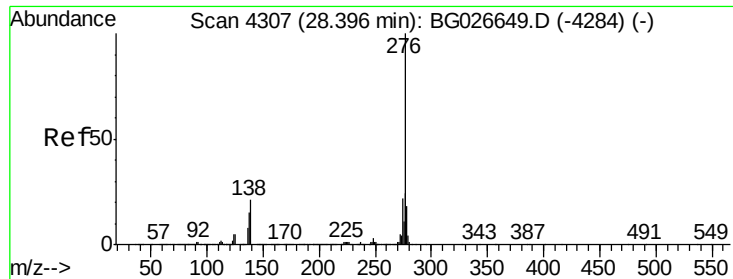
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

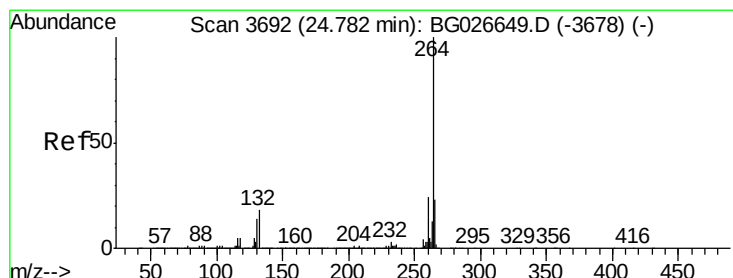
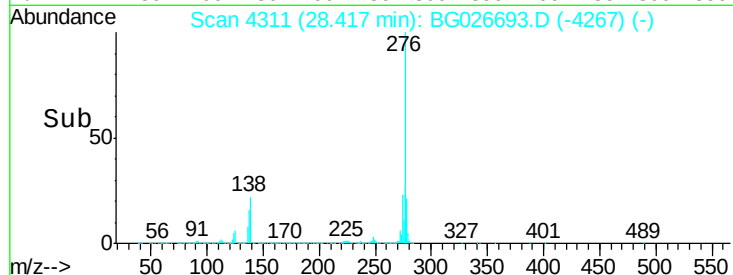
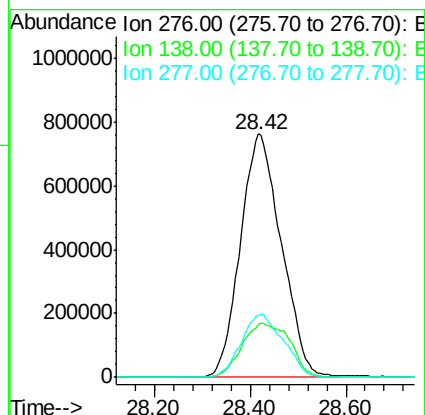
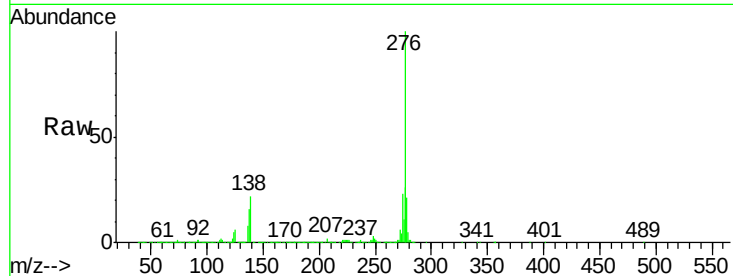




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.51 ng
 RT: 28.42 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

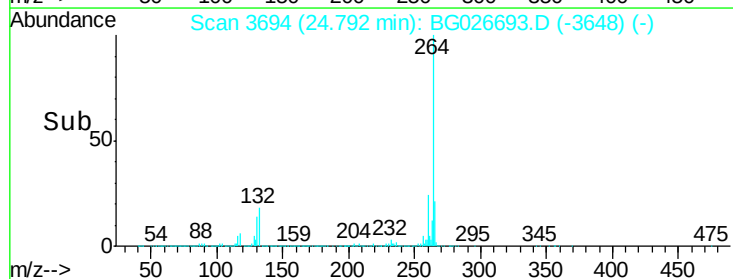
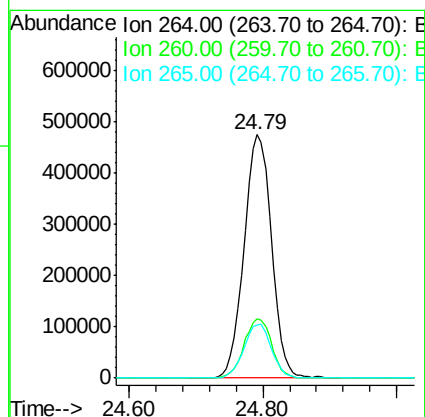
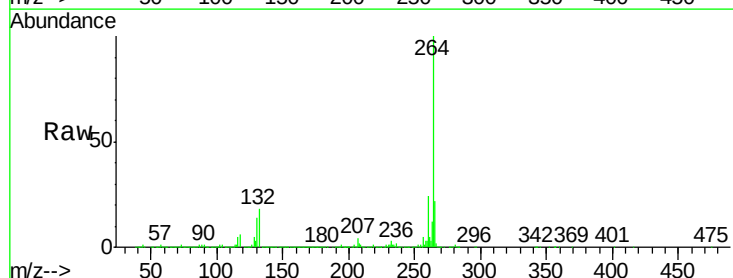
Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017MSD

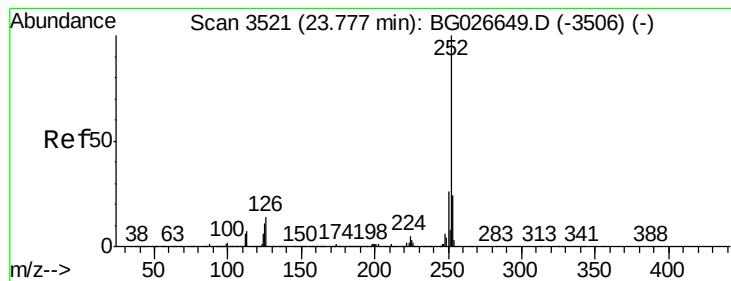
Tot Ion:276 Resp: 4516963
 Ion Ratio Lower Upper
 276 100
 138 26.2 4.7 7.1#
 277 26.9 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.03 min
 Lab File: BG026693.D
 Acq: 21 Apr 2017 19:31

Tgt Ion:264 Resp: 1342072
 Ion Ratio Lower Upper
 264 100
 260 24.1 21.8 32.8
 265 21.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 48.73 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

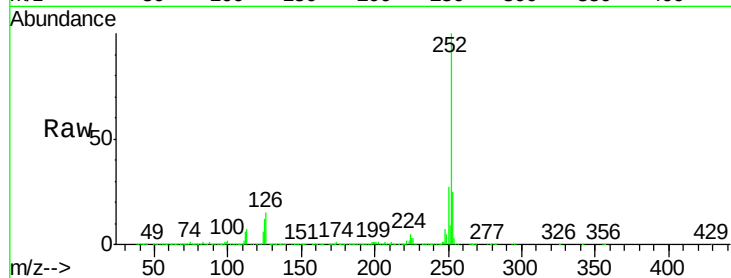
Tot Ion:252 Resp: 3744760

Ion Ratio Lower Upper

252 100

253 25.2 18.7 28.1

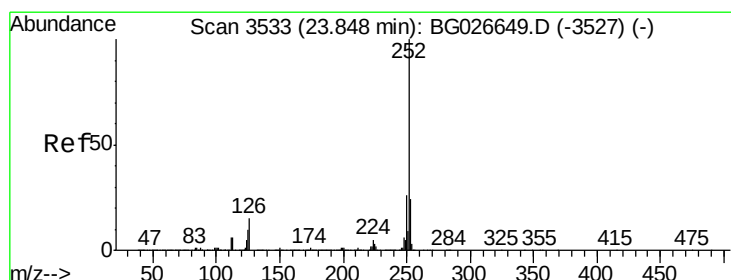
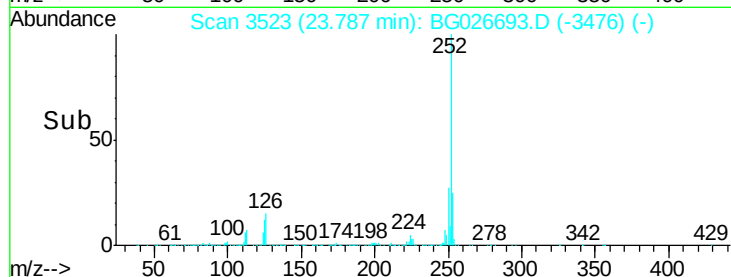
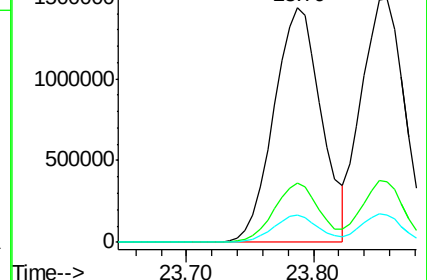
125 11.6 5.3 7.9#



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: 47.54 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.02 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

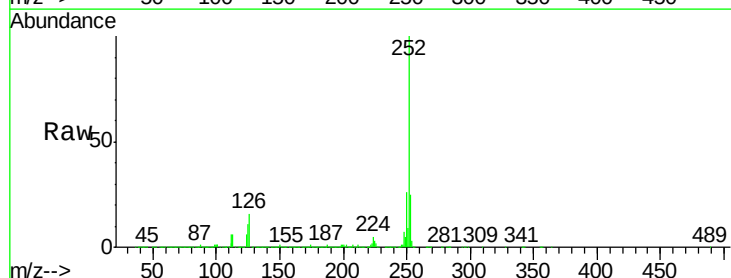
Tgt Ion:252 Resp: 3521103

Ion Ratio Lower Upper

252 100

253 24.9 20.2 30.2

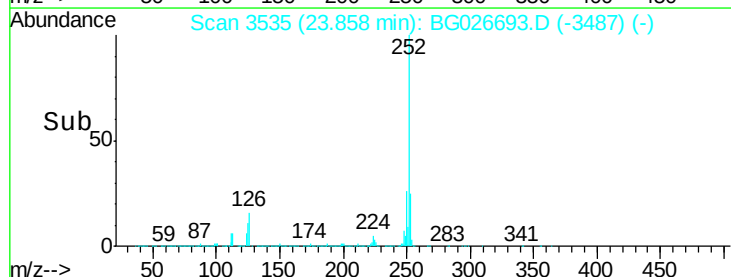
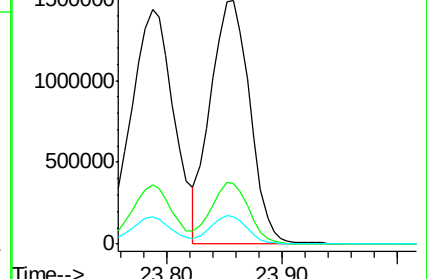
125 11.1 5.1 7.7#

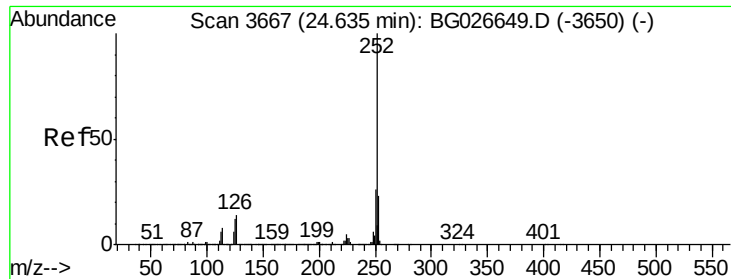


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

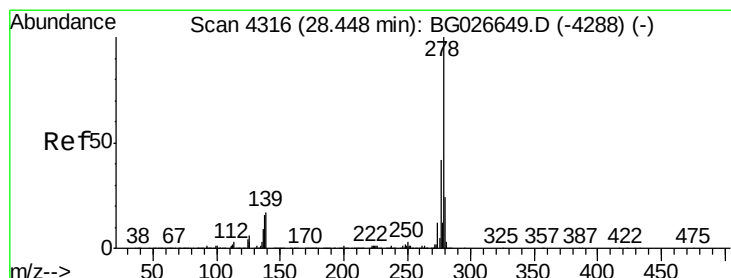
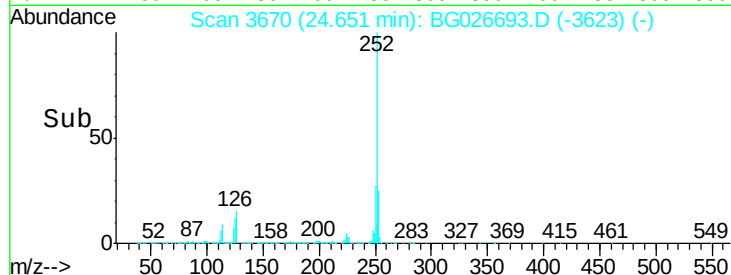
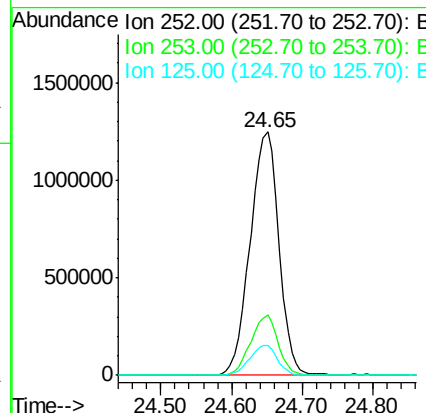
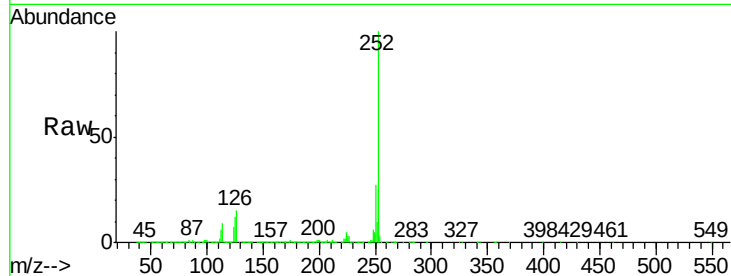




#89
Benzo(a)pyrene
Concen: 47.80 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

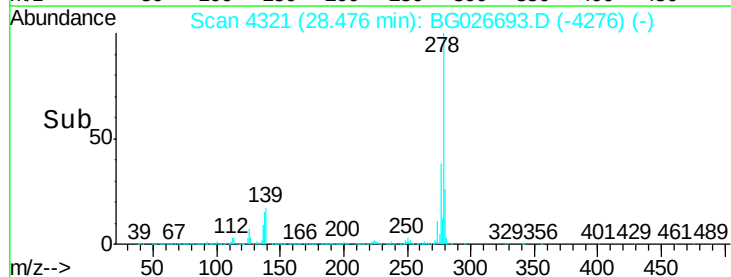
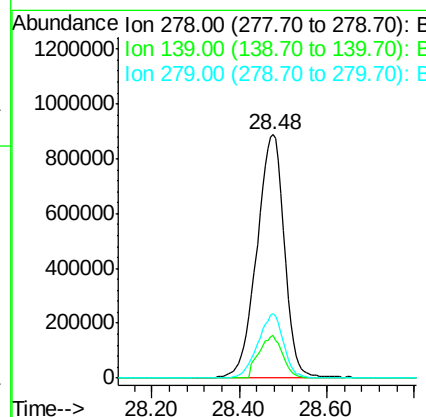
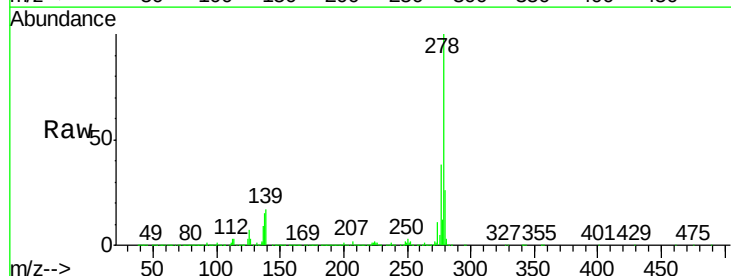
Instrument :
BNA_G
ClientSampleId :
HW-7-42017MSD

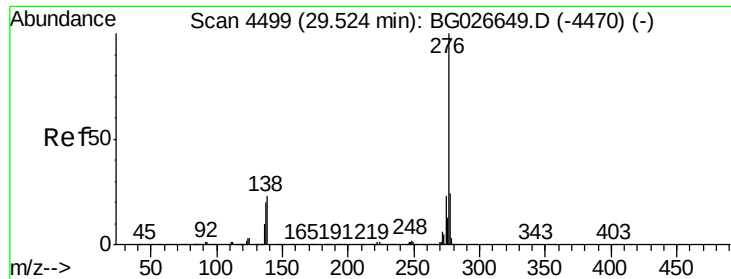
Tot Ion:252 Resp: 3546007
Ion Ratio Lower Upper
252 100
253 24.8 19.2 28.8
125 12.4 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 50.18 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.04 min
Lab File: BG026693.D
Acq: 21 Apr 2017 19:31

Tgt Ion:278 Resp: 3823890
Ion Ratio Lower Upper
278 100
139 17.4 7.7 11.5#
279 26.3 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 49.23 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.04 min

Lab File: BG026693.D

Acq: 21 Apr 2017 19:31

Instrument :

BNA_G

ClientSampleId :

HW-7-42017MSD

Tot Ion:276 Resp: 3751131

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 22.5 8.1 12.1#

