

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028852.D
 Acq On : 21 Sep 2017 11:05
 Operator : SJ/JU
 Sample : I5313-06MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

Quant Time: Sep 21 11:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 11:41:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	35093	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	141068	20.00	ng	0.00
38) Acenaphthene-d10	14.91	164	97068	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	261968	20.00	ng	0.00
75) Chrysene-d12	21.98	240	315451	20.00	ng	0.00
86) Perylene-d12	25.45	264	313527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	297696	139.97	ng	0.00
7) Phenol-d6	7.45	99	391231	122.18	ng	0.00
23) Nitrobenzene-d5	9.46	82	268356	91.00	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	239359	149.09	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	664484	91.28	ng	0.00
78) Terphenyl-d14	20.24	244	1279649	86.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	30831	35.798	ng	97
3) Pyridine	4.20	79	94897	38.626	ng	# 85
4) n-Nitrosodimethylamine	4.10	42	47915	42.874	ng	# 64
6) Aniline	7.61	93	84486	22.671	ng	98
8) 2-Chlorophenol	7.86	128	105275	44.403	ng	94
9) Benzaldehyde	7.43	77	33349	16.787	ng	95
10) Phenol	7.47	94	135737	40.166	ng	86
11) bis(2-Chloroethyl)ether	7.70	93	101544	41.852	ng	88
12) 1,3-Dichlorobenzene	8.18	146	109345	42.831	ng	89
13) 1,4-Dichlorobenzene	8.32	146	112238	42.755	ng	95
14) 1,2-Dichlorobenzene	8.65	146	110036	42.427	ng	97
15) Benzyl Alcohol	8.53	79	108438	43.380	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	177533	40.261	ng	97
17) 2-Methylphenol	8.73	107	93141	42.178	ng	94
18) Hexachloroethane	9.37	117	40078	41.654	ng	92
19) n-Nitroso-di-n-propylamine	9.09	70	89905	39.607	ng	89
20) 3+4-Methylphenols	9.06	107	128042	41.454	ng	91
22) Acetophenone	9.12	105	166946	40.475	ng	# 88
24) Nitrobenzene	9.50	77	136541	41.814	ng	# 89
25) Isophorone	10.01	82	240540	40.313	ng	98
26) 2-Nitrophenol	10.21	139	56902	40.944	ng	87
27) 2,4-Dimethylphenol	10.26	122	104272	41.046	ng	96
28) bis(2-Chloroethoxy)methane	10.49	93	136734	42.198	ng	96
29) 2,4-Dichlorophenol	10.75	162	113369	44.853	ng	95
30) 1,2,4-Trichlorobenzene	10.97	180	126360	43.823	ng	98
31) Naphthalene	11.16	128	323785	43.946	ng	98
32) Benzoic acid	10.40	122	30016	20.614	ng	93
33) 4-Chloroaniline	11.28	127	17980	5.825	ng	# 89
34) Hexachlorobutadiene	11.43	225	88650	41.742	ng	98
35) Caprolactam	12.05	113	34629	38.206	ng	97
36) 4-Chloro-3-methylphenol	12.38	107	132694	40.340	ng	93
37) 2-Methylnaphthalene	12.75	142	248345	45.147	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	160012	40.092	ng	# 98
40) Hexachlorocyclopentadiene	13.08	237	133913	85.764	ng	89

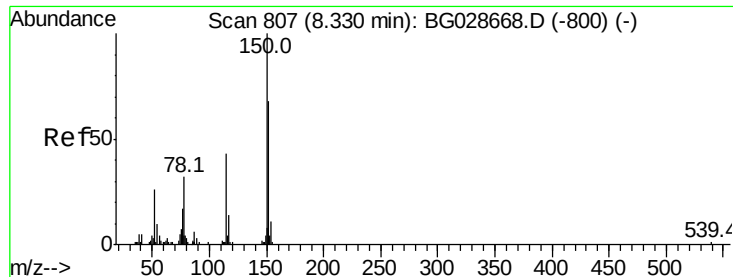
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	107203	42.320	nq	99
43) 2,4,5-Trichlorophenol	13.43	196	113618	44.637	nq	# 88
45) 1,1'-Biphenyl	13.74	154	332845	41.415	nq	98
46) 2-Chloronaphthalene	13.79	162	262555	44.790	nq	98
47) 2-Nitroaniline	13.99	65	101982	46.811	nq	95
48) Acenaphthylene	14.63	152	415190	44.333	nq	96
49) Dimethylphthalate	14.35	163	355930	43.728	nq	98
50) 2,6-Dinitrotoluene	14.48	165	81983	45.265	nq	# 80
51) Acenaphthene	14.97	154	253227	44.511	nq	94
52) 3-Nitroaniline	14.81	138	43444	27.124	nq	# 91
53) 2,4-Dinitrophenol	15.03	184	33285	39.390	nq	95
54) Dibenzofuran	15.30	168	434662	47.910	nq	93
55) 4-Nitrophenol	15.13	139	89343	76.136	nq	# 73
56) 2,4-Dinitrotoluene	15.27	165	120839	47.450	nq	# 83
57) Fluorene	15.95	166	371179	45.827	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	114317	50.958	nq	# 93
59) Diethylphthalate	15.70	149	370077	44.242	nq	98
60) 4-Chlorophenyl-phenylether	15.93	204	210454	45.631	nq	92
61) 4-Nitroaniline	15.98	138	80339	47.347	nq	# 83
62) Azobenzene	16.23	77	342950	48.749	nq	90
64) 4,6-Dinitro-2-methylphenol	16.04	198	46677	27.613	nq	93
65) n-Nitrosodiphenylamine	16.15	169	325492	43.343	nq	98
66) 4-Bromophenyl-phenylether	16.83	248	148642	44.097	nq	93
67) Hexachlorobenzene	16.97	284	159320	41.528	nq	# 87
68) Atrazine	17.09	200	146039	45.291	nq	98
69) Pentachlorophenol	17.31	266	112554	64.932	nq	94
70) Phenanthrene	17.70	178	624770	46.637	nq	94
71) Anthracene	17.79	178	632655	46.750	nq	96
72) Carbazole	18.06	167	560880	46.019	nq	# 95
73) Di-n-butylphthalate	18.59	149	667412	44.660	nq	# 94
74) Fluoranthene	19.70	202	802246	49.045	nq	94
76) Benzidine	19.88	184	133473	16.316	nq	98
77) Pyrene	20.06	202	813997	44.737	nq	96
79) Butylbenzylphthalate	20.93	149	313335	42.639	nq	89
80) Benzo(a)anthracene	21.97	228	858400	45.207	nq	93
81) 3,3'-Dichlorobenzidine	21.87	252	178639	23.204	nq	98
82) Chrysene	22.04	228	796131	44.189	nq	94
83) Bis(2-ethylhexyl)phthalate	21.82	149	442044	42.313	nq	99
84) Di-n-octyl phthalate	23.11	149	761193	41.703	nq	# 87
85) Indeno(1,2,3-cd)pyrene	29.45	276	981679	42.408	nq	# 99
87) Benzo(b)fluoranthene	24.34	252	867511	46.183	nq	# 97
88) Benzo(k)fluoranthene	24.42	252	844342	45.000	nq	94
89) Benzo(a)pyrene	25.29	252	835826	46.878	nq	95
90) Dibenzo(a,h)anthracene	29.50	278	809224	43.533	nq	98
91) Benzo(g,h,i)perylene	30.68	276	778578	42.926	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

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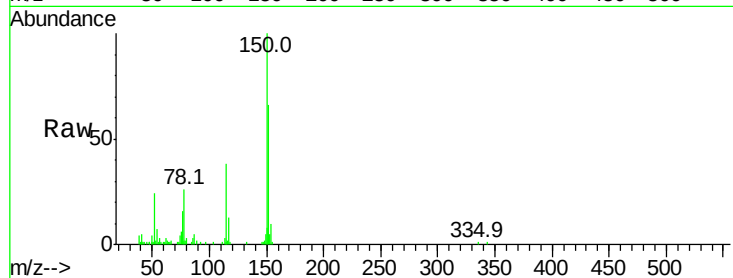
Tot Ion:152 Resp: 35093

Ion Ratio Lower Upper

152 100

150 152.3 114.0 171.0

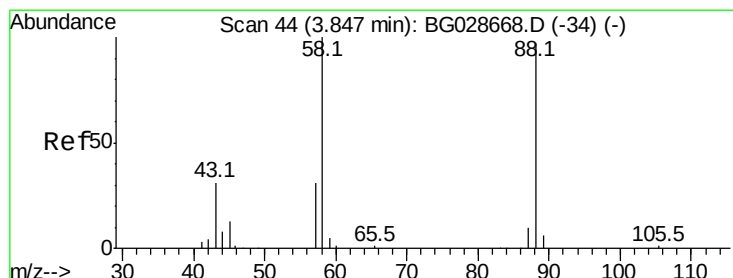
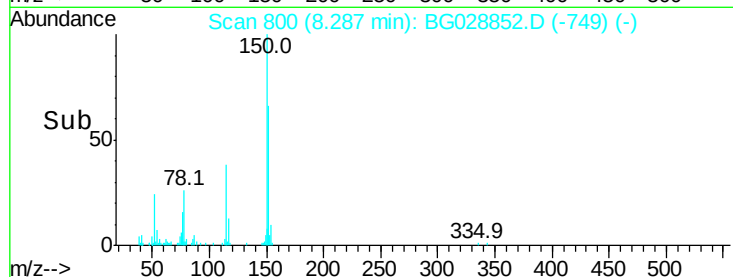
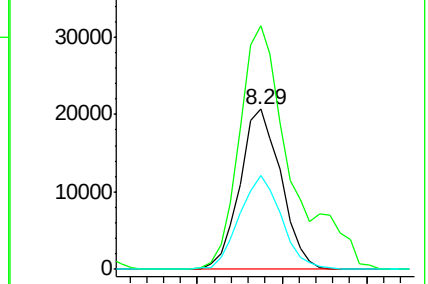
115 58.5 48.1 72.1



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: 35.798 ng

RT: 3.80 min Scan# 36

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

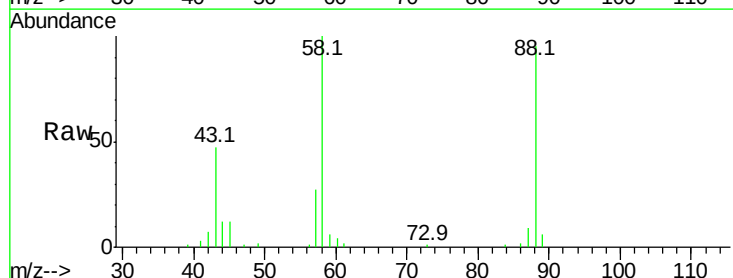
Tgt Ion: 88 Resp: 30831

Ion Ratio Lower Upper

88 100

58 102.1 79.4 119.2

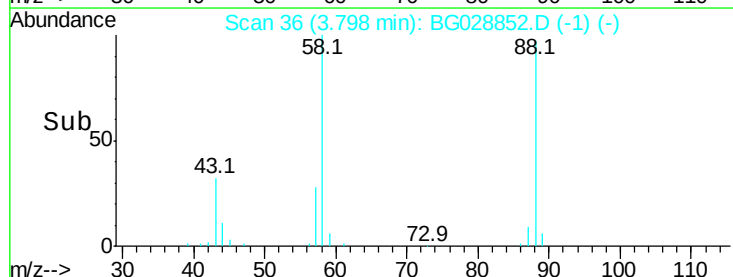
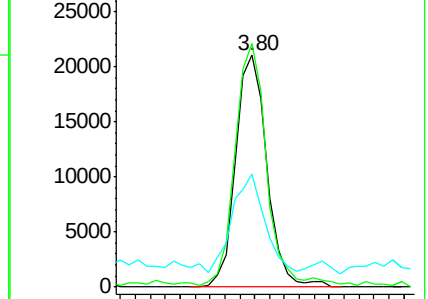
43 44.1 33.8 50.6

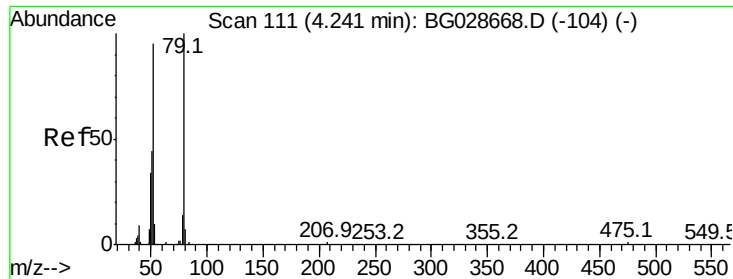


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.626 ng

RT: 4.20 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

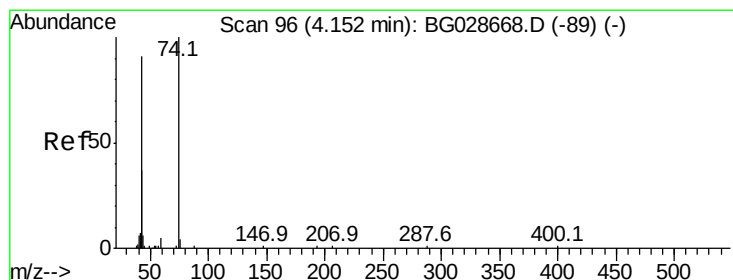
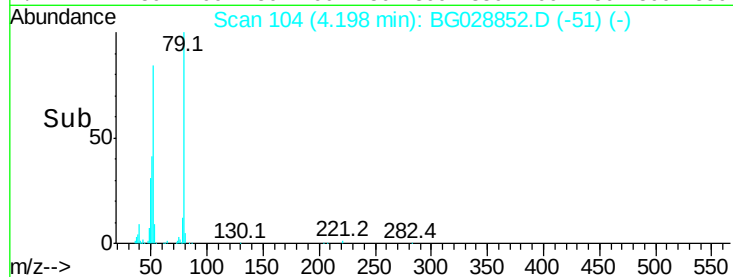
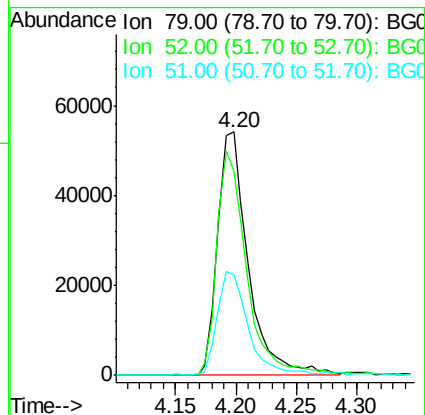
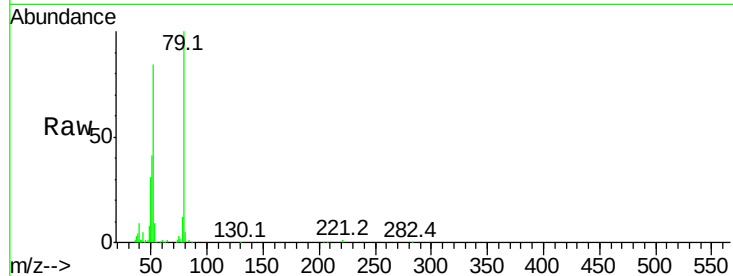
Tot Ion: 79 Resp: 94897

Ion Ratio Lower Upper

79 100

52 83.5 77.8 116.6

51 41.4 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 42.874 ng

RT: 4.10 min Scan# 87

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

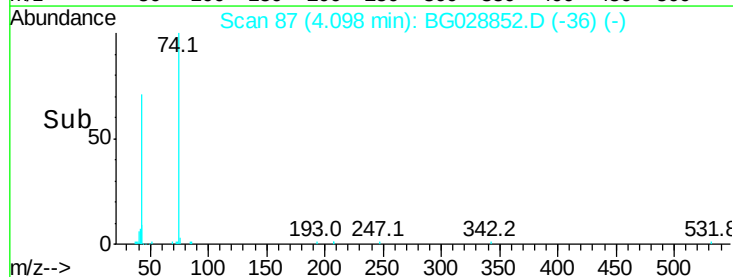
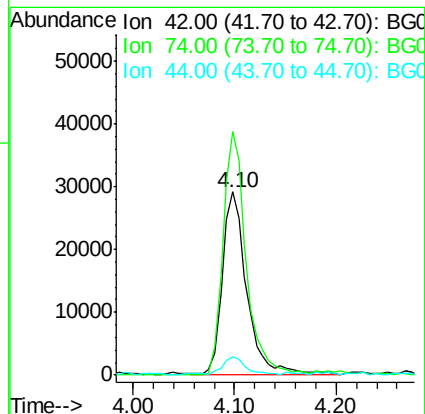
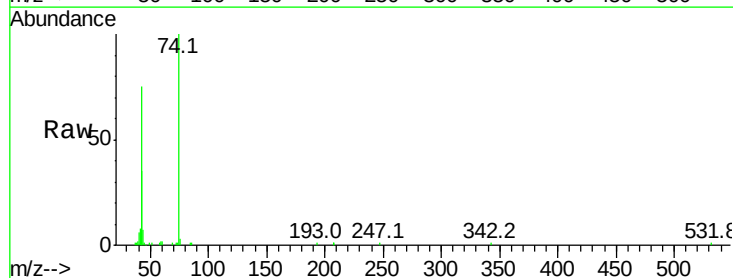
Tgt Ion: 42 Resp: 47915

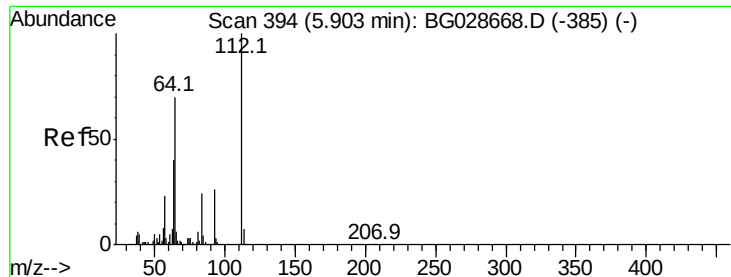
Ion Ratio Lower Upper

42 100

74 133.0 76.7 115.1#

44 9.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 139.975 ng

RT: 5.86 min Scan# 387

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

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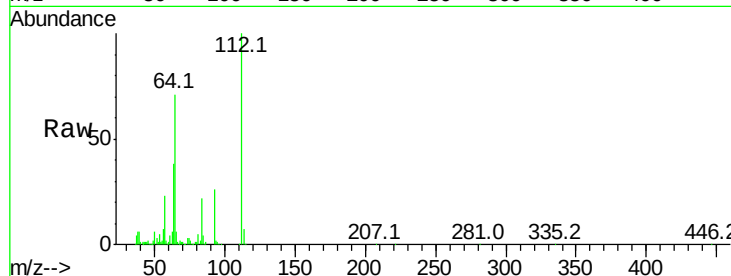
Tot Ion:112 Resp: 297696

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

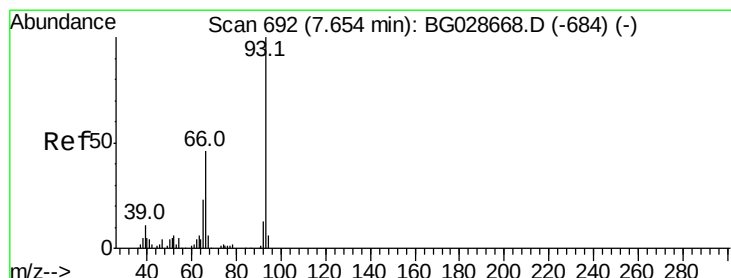
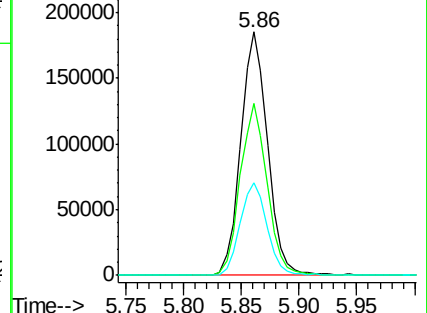
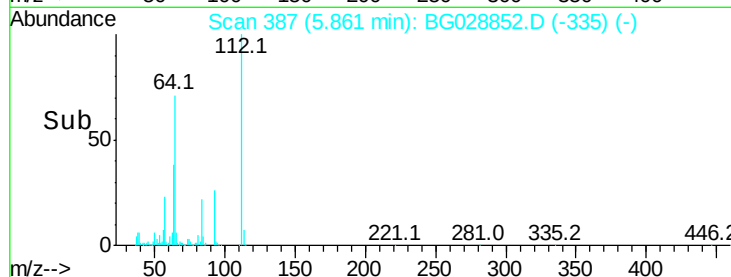
63 38.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.671 ng

RT: 7.61 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

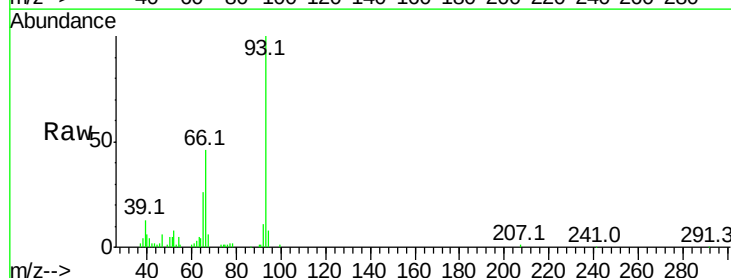
Tgt Ion: 93 Resp: 84486

Ion Ratio Lower Upper

93 100

66 46.2 35.4 53.2

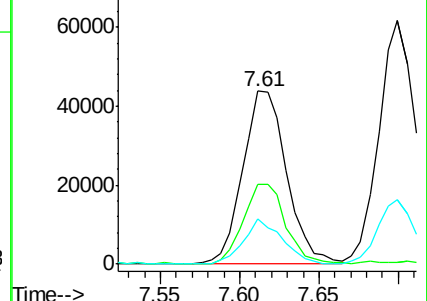
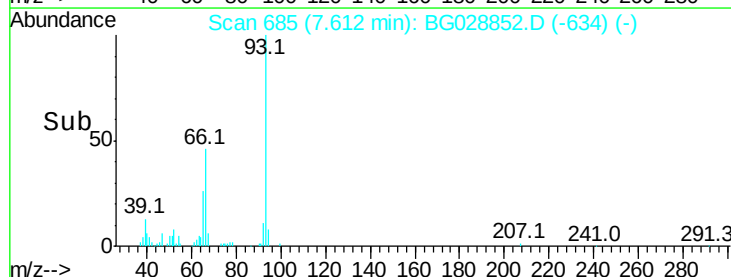
65 25.8 21.2 31.8

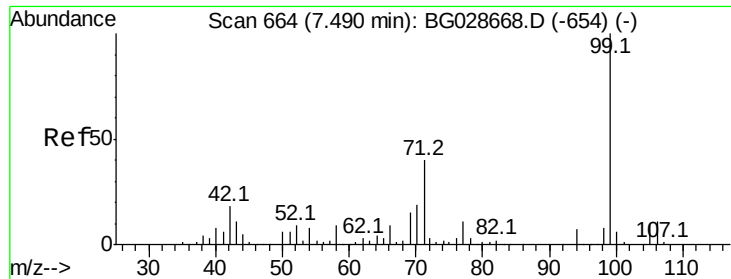


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.178 ng

RT: 7.45 min Scan# 657

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

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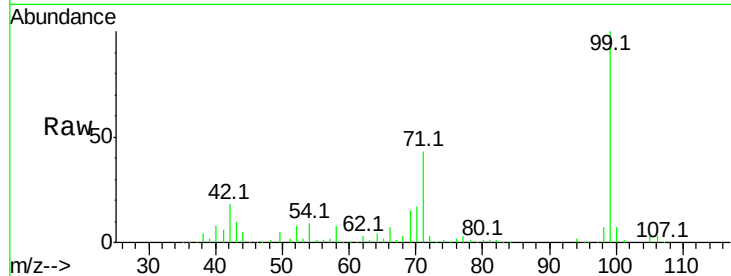
Tot Ion: 99 Resp: 391231

Ion Ratio Lower Upper

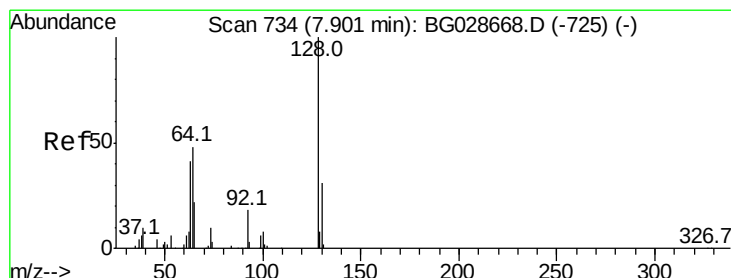
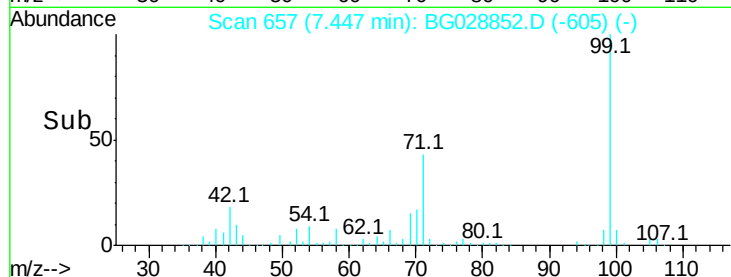
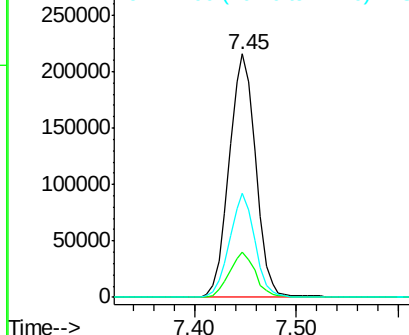
99 100

42 18.4 20.5 30.7#

71 42.8 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: 44.403 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

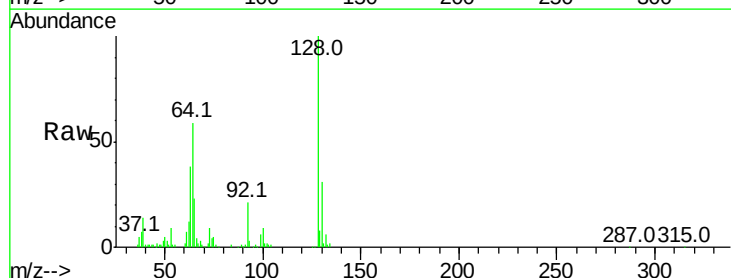
Tgt Ion: 128 Resp: 105275

Ion Ratio Lower Upper

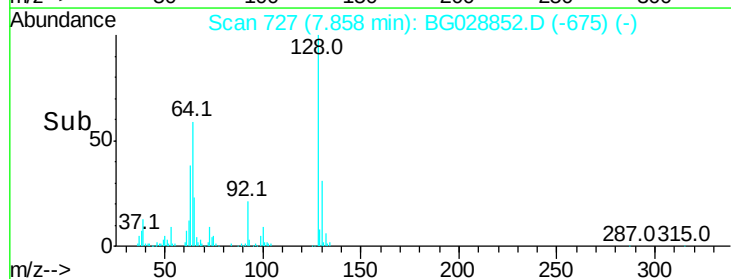
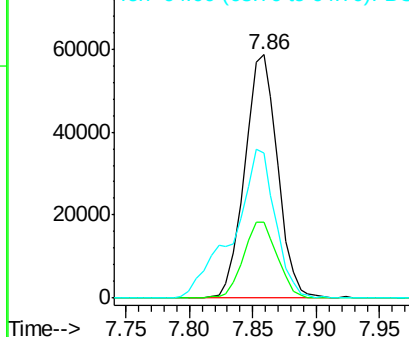
128 100

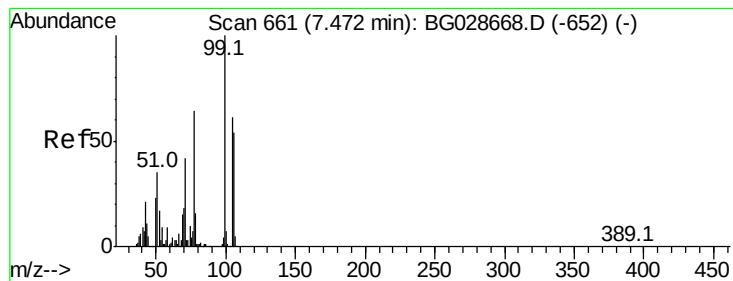
130 30.9 11.4 51.4

64 59.4 46.6 86.6



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





#9

Benzaldehyde

Concen: 16.787 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

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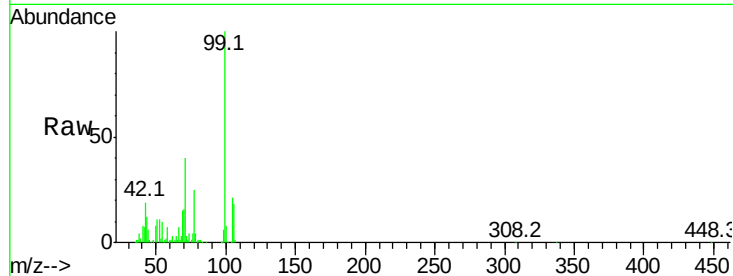
Tot Ion: 77 Resp: 33349

Ion Ratio Lower Upper

77 100

105 85.1 60.9 100.9

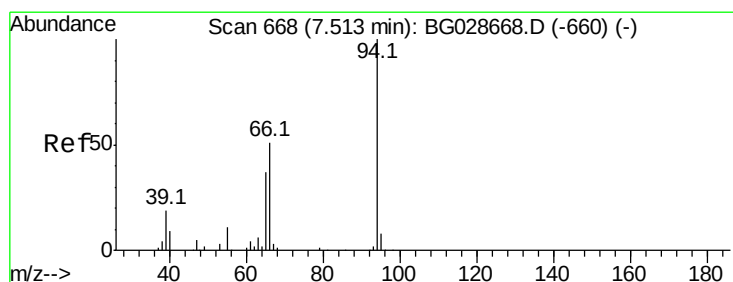
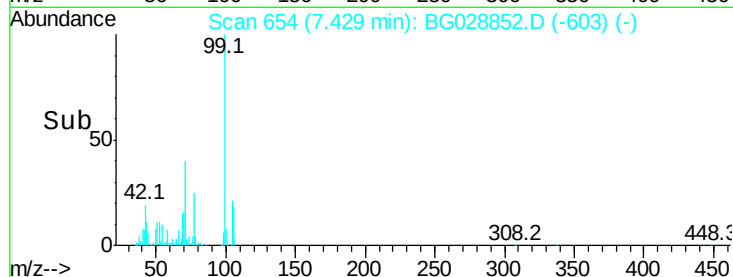
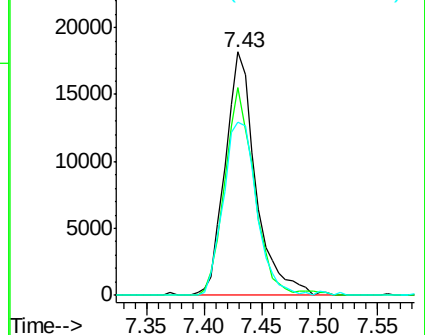
106 71.1 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.166 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

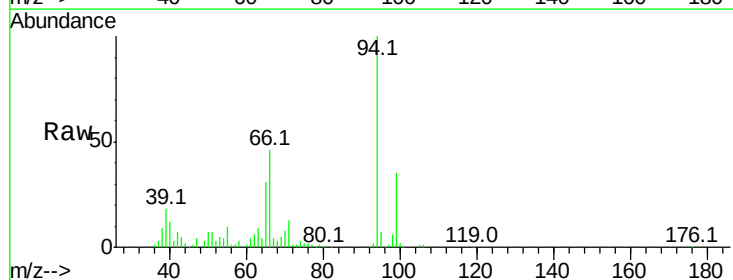
Tgt Ion: 94 Resp: 135737

Ion Ratio Lower Upper

94 100

65 31.1 20.6 60.6

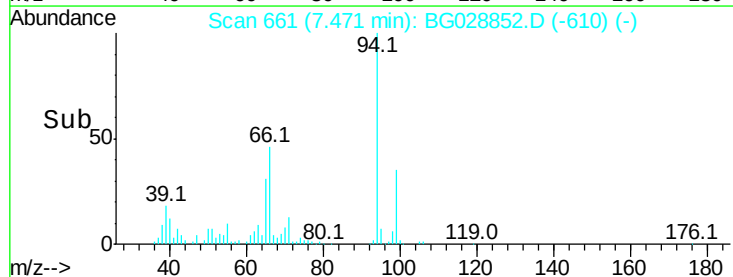
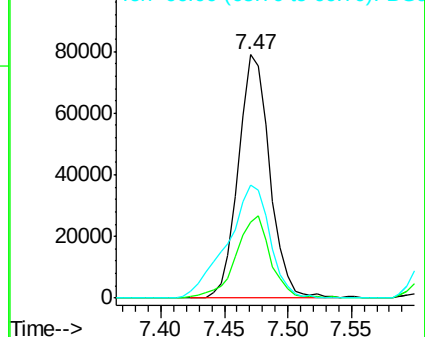
66 46.5 35.5 75.5

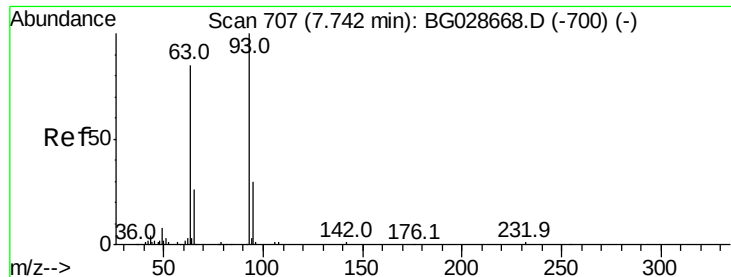


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

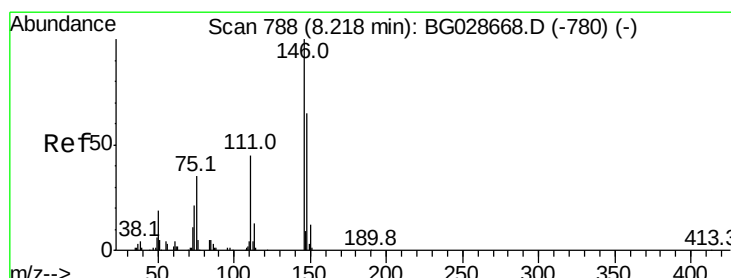
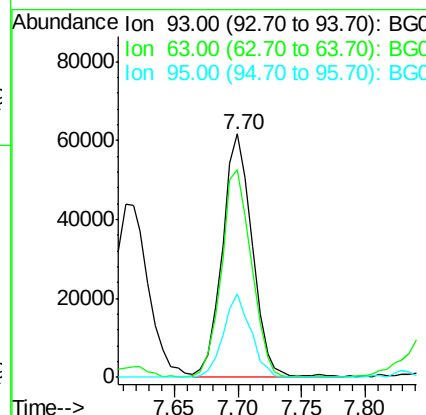
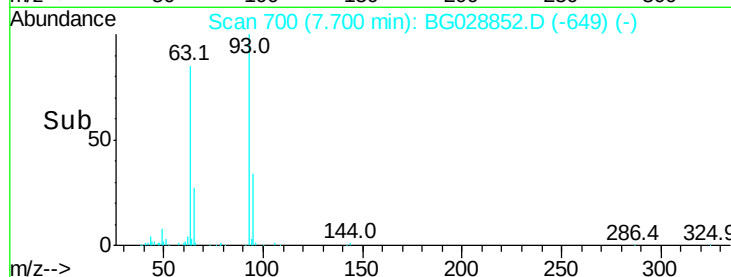
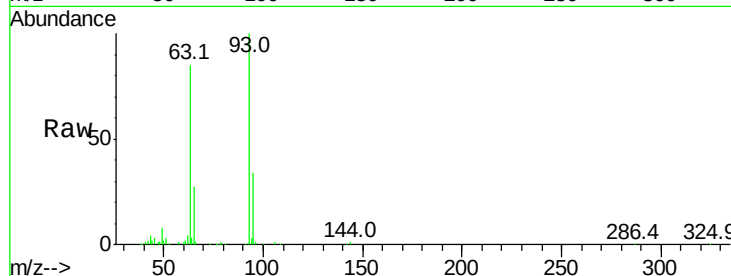




#11
 bis(2-Chloroethyl)ether
 Concen: 41.852 ng
 RT: 7.70 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

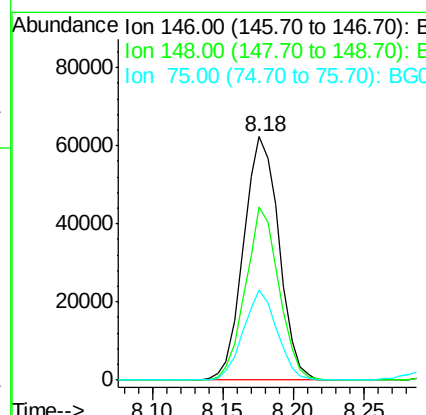
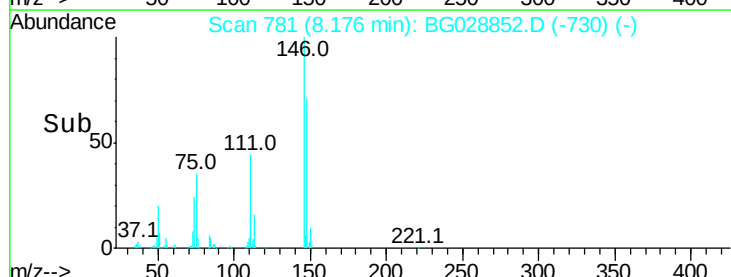
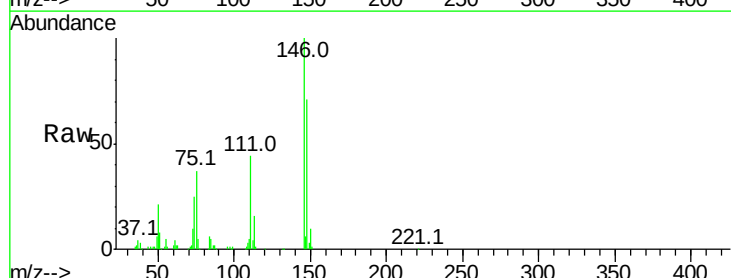
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

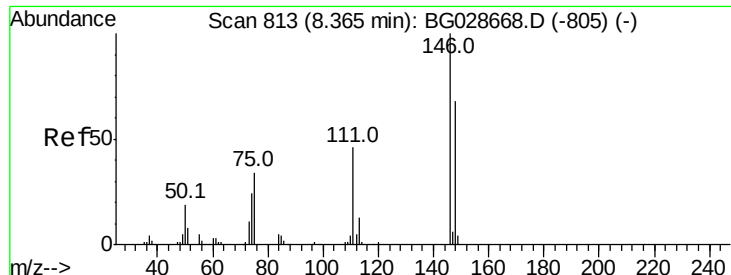
Tot Ion: 93 Resp: 101544
 Ion Ratio Lower Upper
 93 100
 63 85.4 78.5 118.5
 95 34.4 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 42.831 ng
 RT: 8.18 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion: 146 Resp: 109345
 Ion Ratio Lower Upper
 146 100
 148 71.1 49.2 73.8
 75 36.9 33.4 50.2

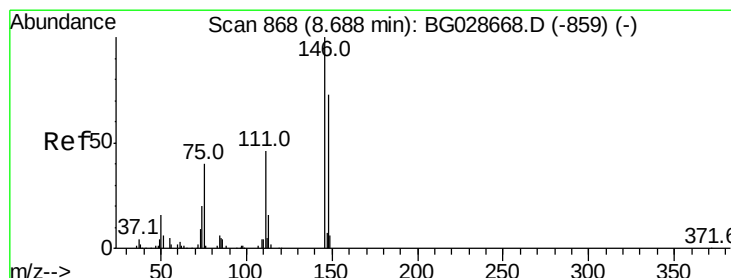
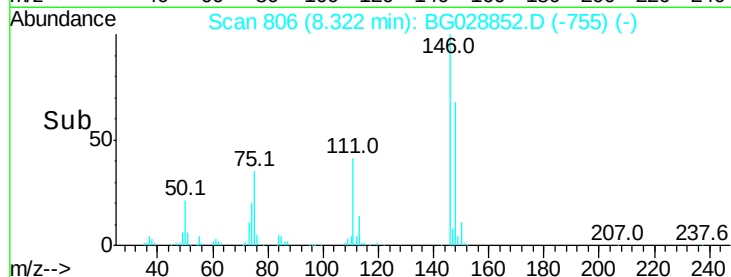
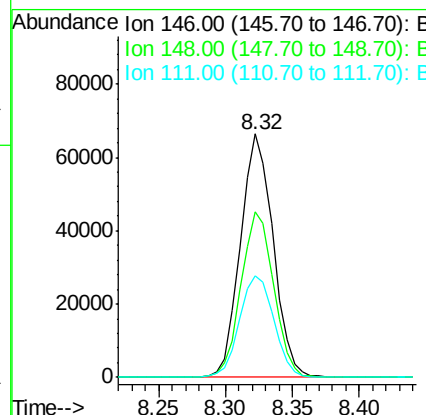
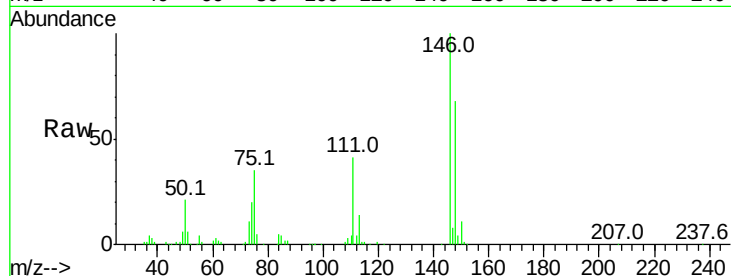




#13
 1,4-Dichlorobenzene
 Concen: 42.755 ng
 RT: 8.32 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

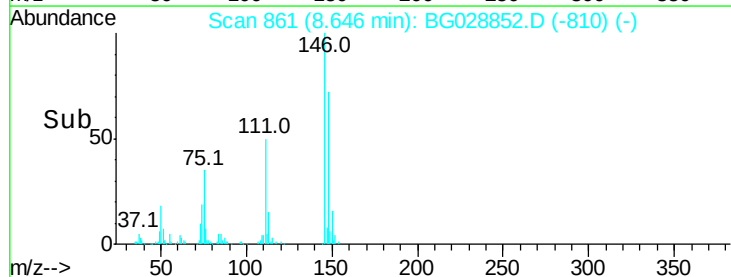
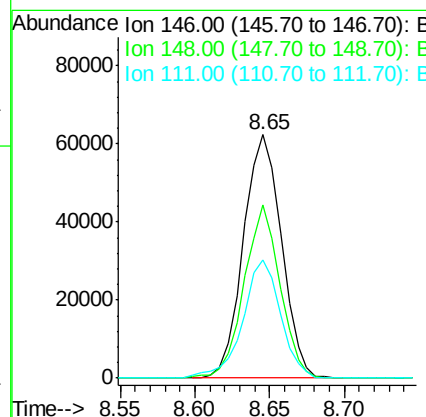
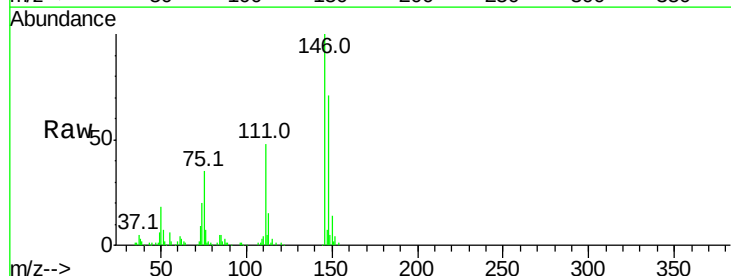
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

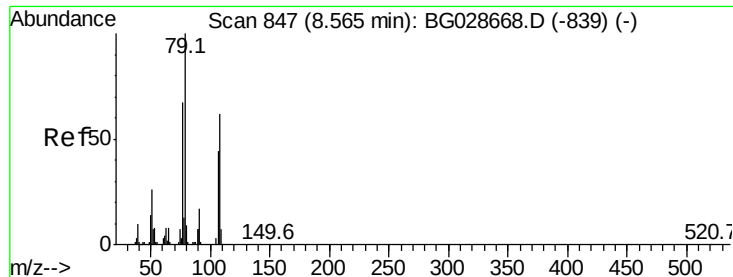
Tot Ion:146 Resp: 112238
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.2 78.2
 111 41.5 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.427 ng
 RT: 8.65 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion:146 Resp: 110036
 Ion Ratio Lower Upper
 146 100
 148 71.3 54.6 81.8
 111 48.4 39.7 59.5





#15

Benzyl Alcohol

Concen: 43.380 ng

RT: 8.53 min Scan# 841

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

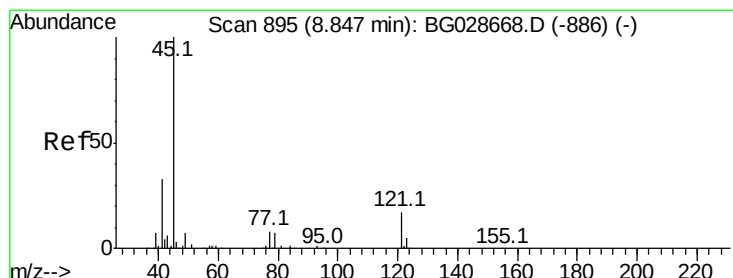
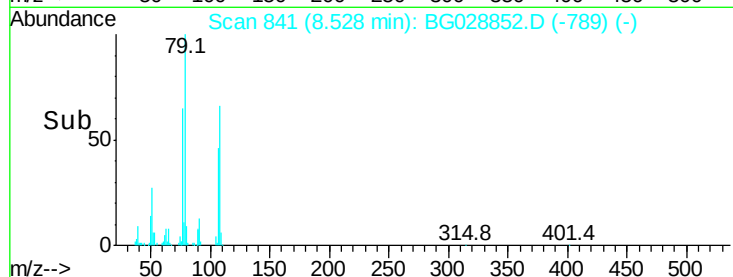
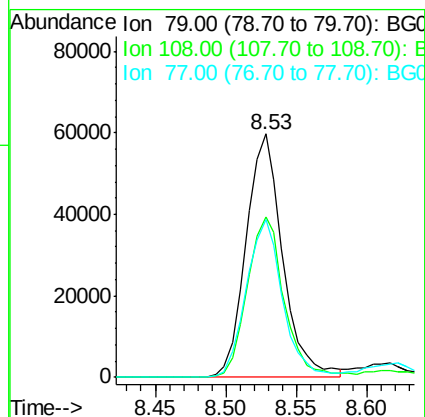
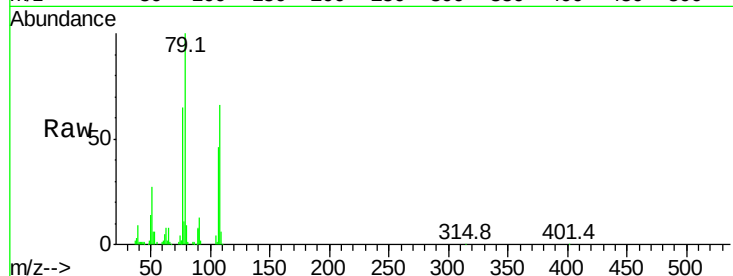
Tot Ion: 79 Resp: 108438

Ion Ratio Lower Upper

79 100

108 66.0 45.5 68.3

77 64.6 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.261 ng

RT: 8.80 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

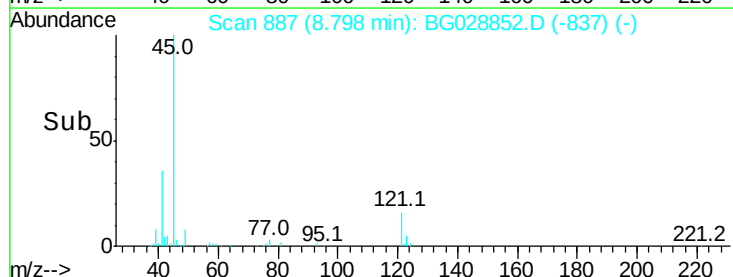
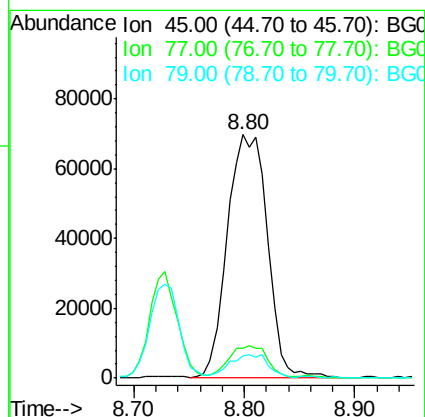
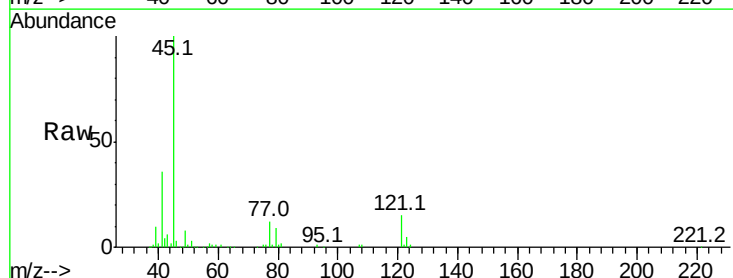
Tgt Ion: 45 Resp: 177533

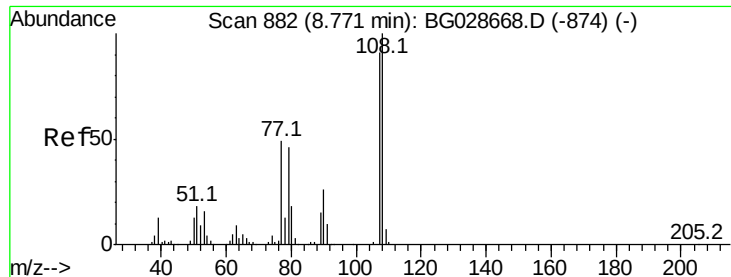
Ion Ratio Lower Upper

45 100

77 12.1 0.0 30.6

79 8.9 0.0 28.5

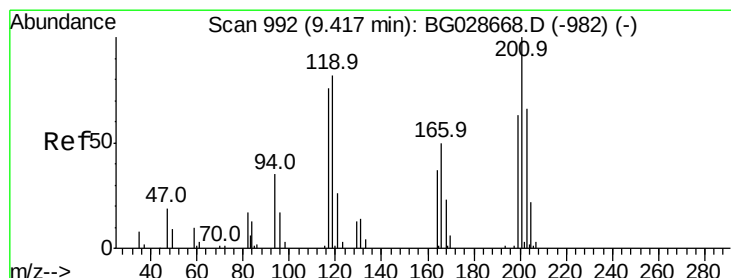
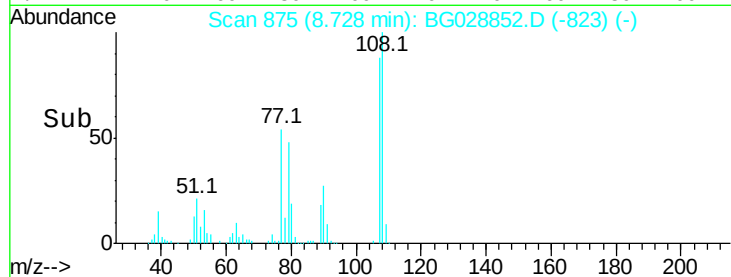
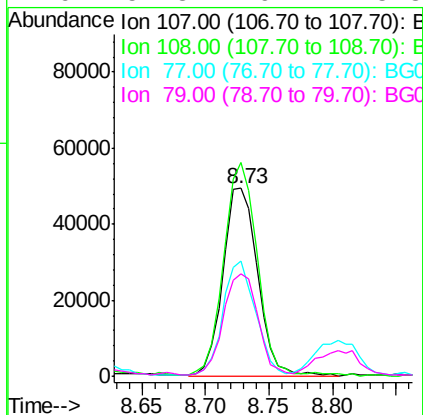
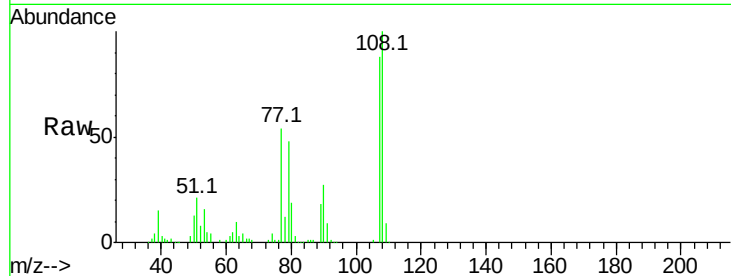




#17
2-Methylphenol
Concen: 42.178 ng
RT: 8.73 min Scan# 875
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

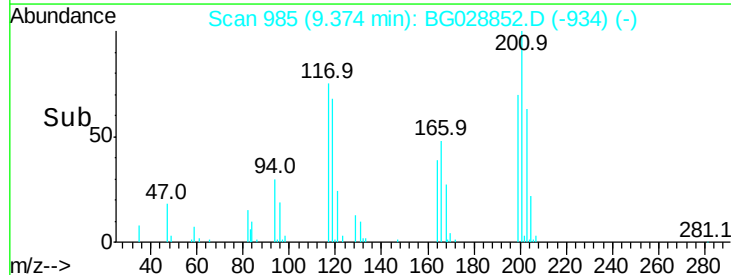
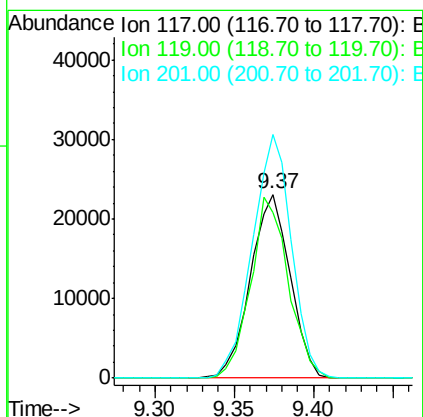
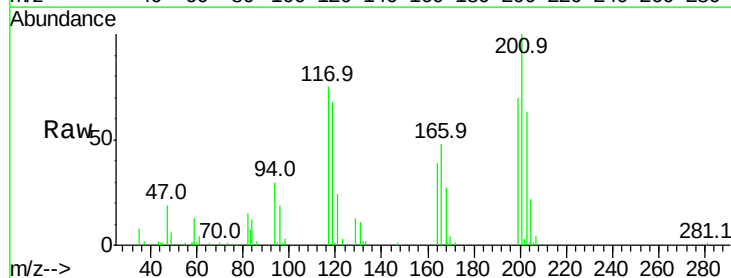
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

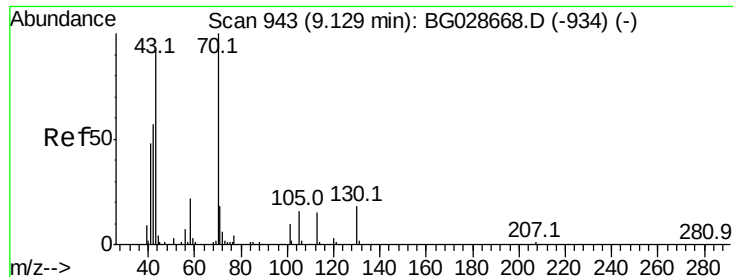
Tot Ion:	107	Resp:	93141
Ion	Ratio	Lower	Upper
107	100		
108	113.7	85.6	128.4
77	61.6	51.4	77.2
79	54.3	49.2	73.8



#18
Hexachloroethane
Concen: 41.654 ng
RT: 9.37 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:	117	Resp:	40078
Ion	Ratio	Lower	Upper
117	100		
119	90.1	69.8	104.6
201	132.5	95.4	143.0

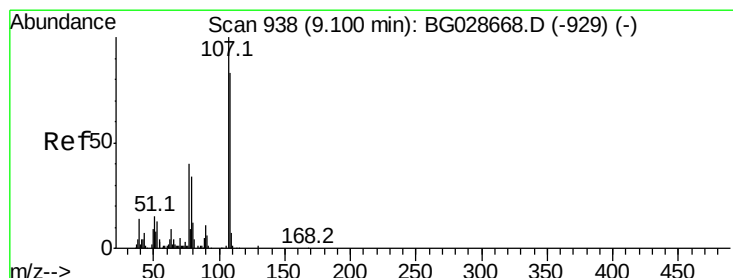
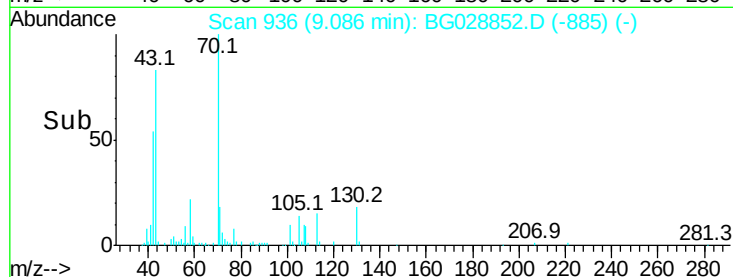
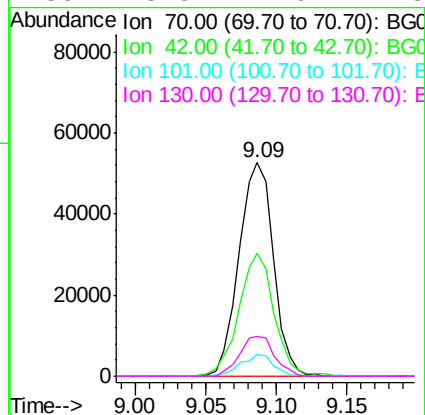
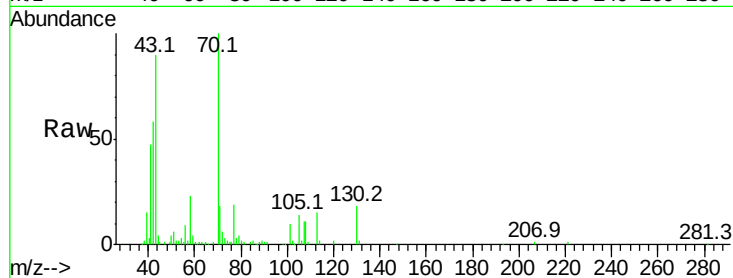




#19
n-Nitroso-di-n-propylamine
Concen: 39.607 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

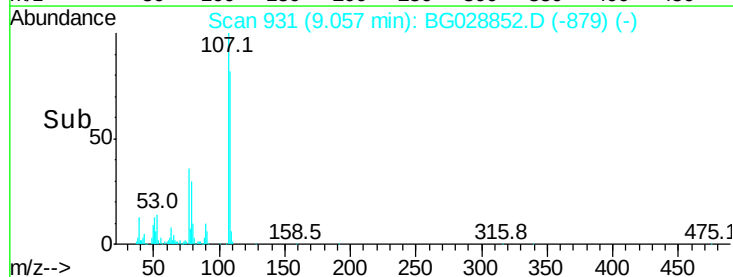
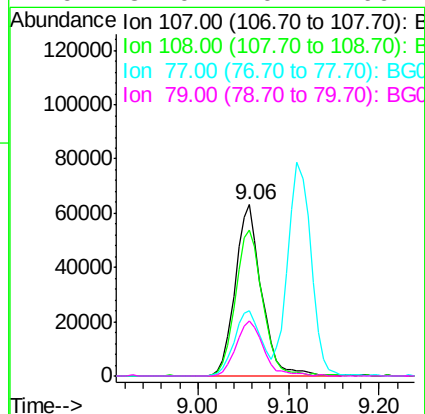
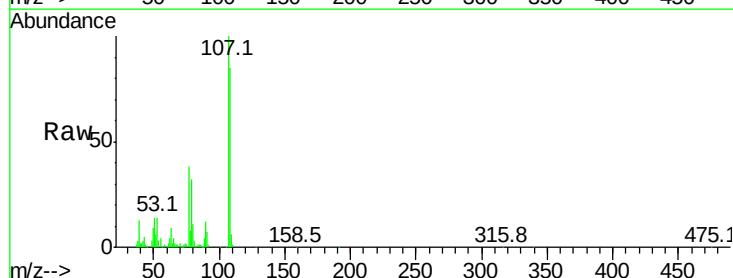
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

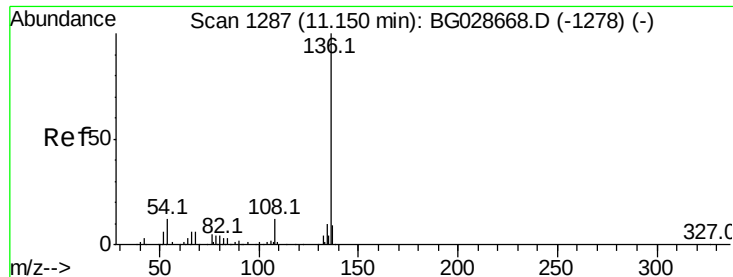
Tot Ion:	70	Resp:	89905
Ion	Ratio	Lower	Upper
70	100		
42	57.7	56.1	84.1
101	10.0	7.5	11.3
130	18.3	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.454 ng
RT: 9.06 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:	107	Resp:	128042
Ion	Ratio	Lower	Upper
107	100		
108	85.1	70.8	110.8
77	38.4	25.8	65.8
79	32.0	20.1	60.1

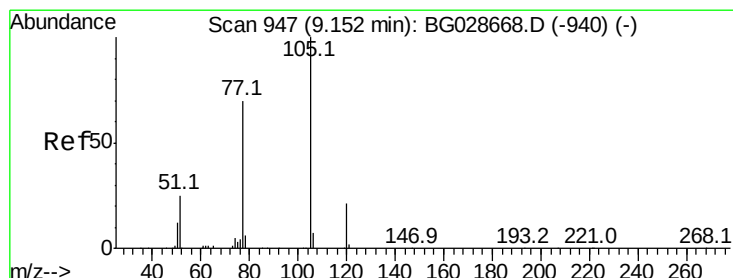
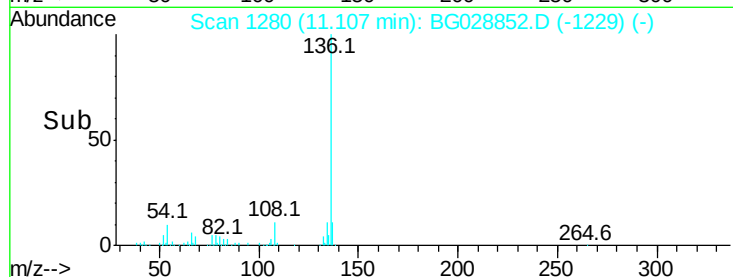
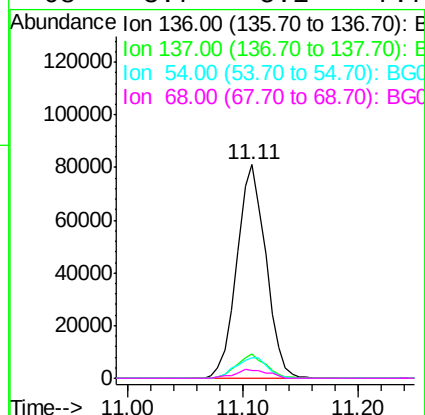
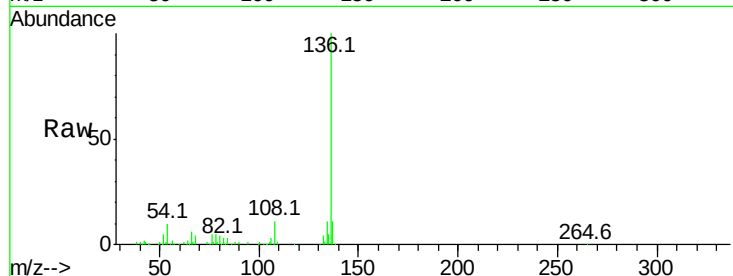




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

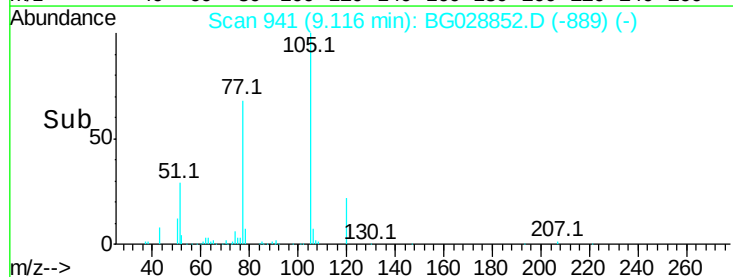
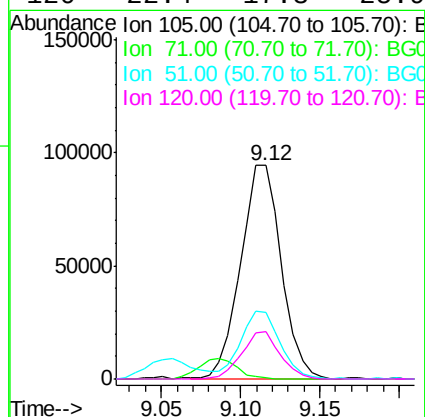
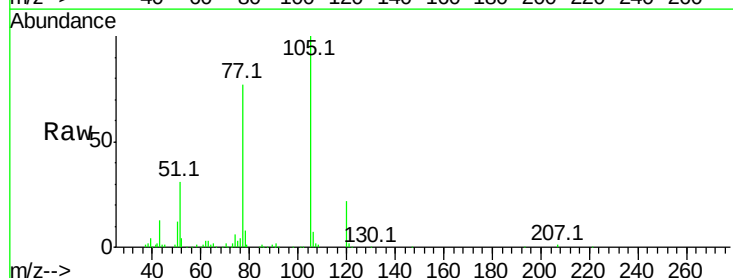
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

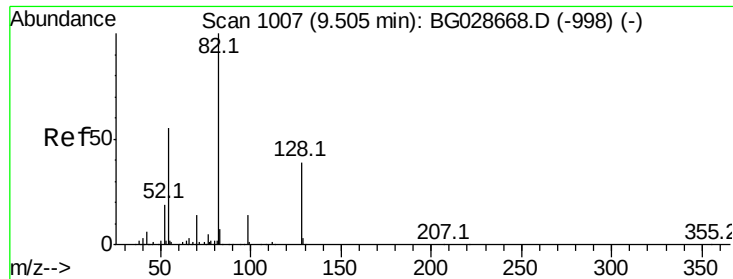
Tot Ion:	136	Resp:	141068
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.6	9.3	13.9
68	3.7	5.1	7.7#



#22
Acetophenone
Concen: 40.475 ng
RT: 9.12 min Scan# 941
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:	105	Resp:	166946
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	31.3	34.0	51.0#
120	22.4	17.3	25.9

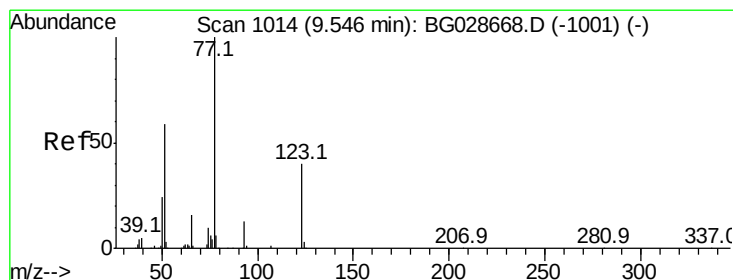
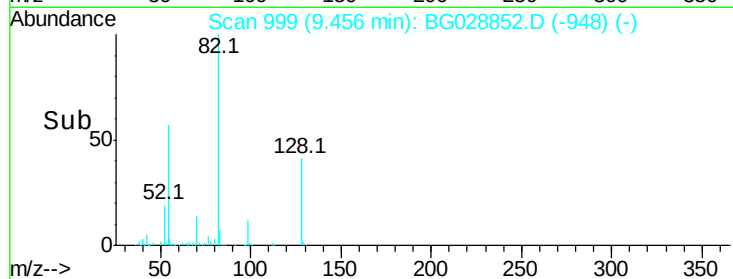
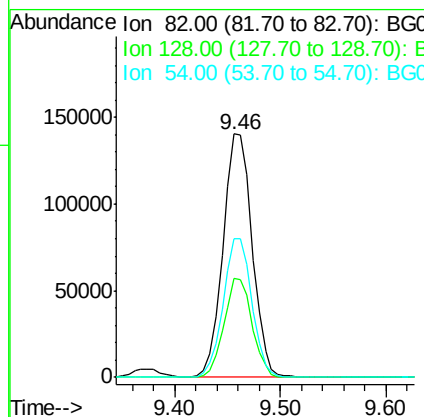
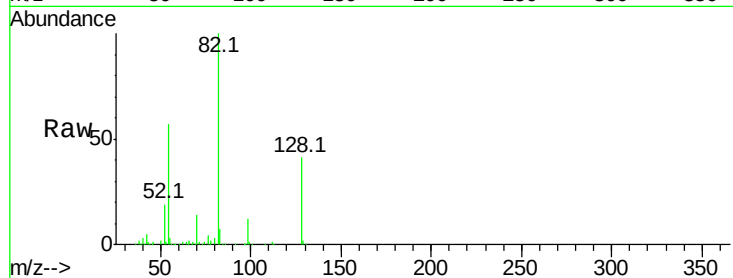




#23
 Nitrobenzene-d5
 Concen: 91.002 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

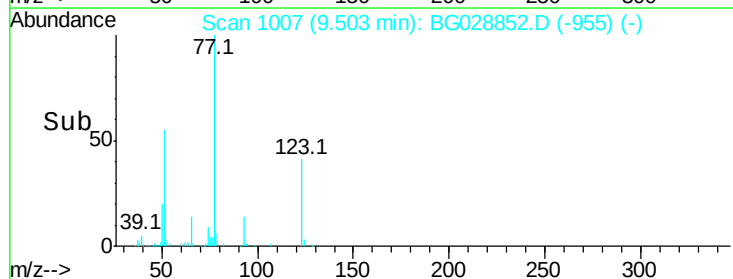
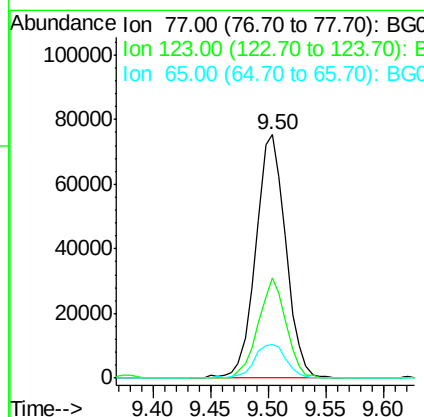
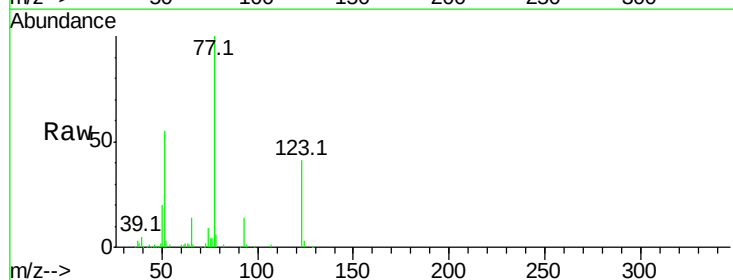
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

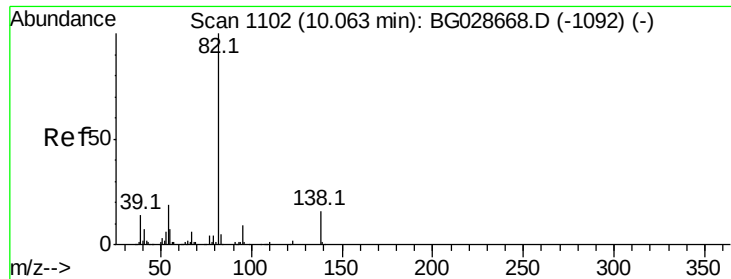
Tot Ion	82	Resp	268356
Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.4	39.6#
54	57.0	49.4	74.2



#24
 Nitrobenzene
 Concen: 41.814 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	77	Resp	136541
Ion	Ratio	Lower	Upper
77	100		
123	41.0	26.1	39.1#
65	14.0	12.4	18.6





#25

Isophorone

Concen: 40.313 ng

RT: 10.01 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

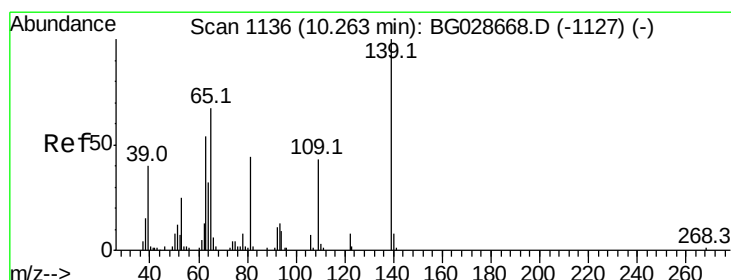
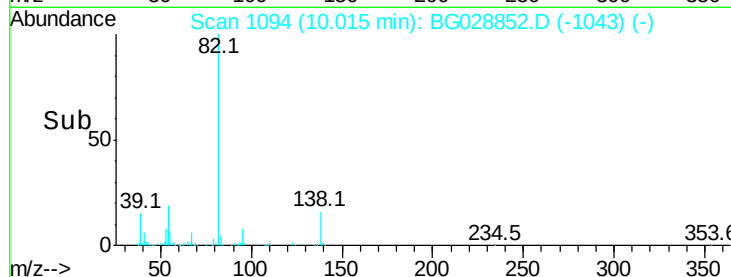
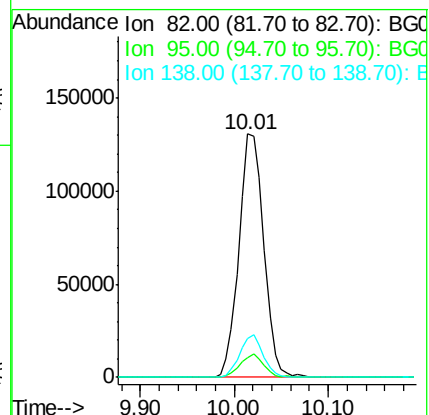
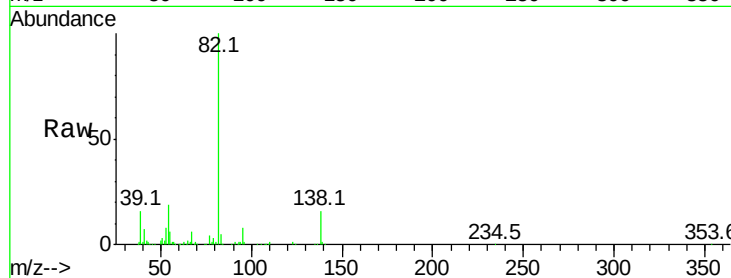
Tot Ion: 82 Resp: 240540

Ion Ratio Lower Upper

82 100

95 7.8 7.5 11.3

138 15.9 12.3 18.5



#26

2-Nitrophenol

Concen: 40.944 ng

RT: 10.21 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

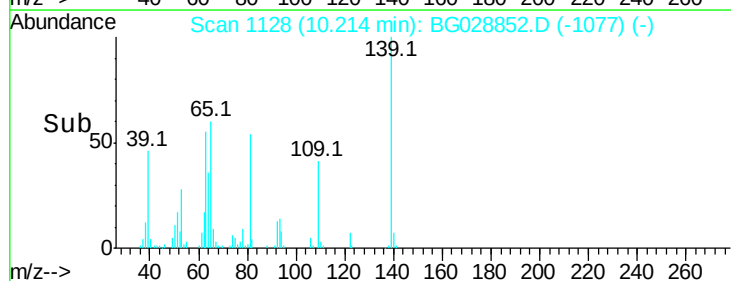
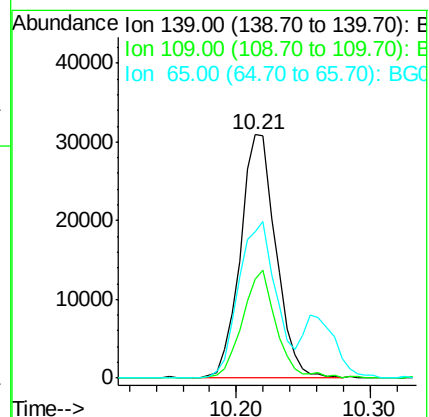
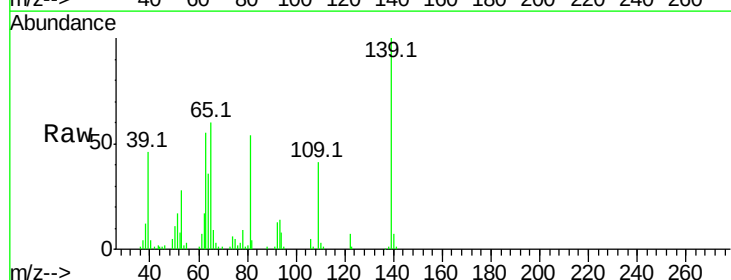
Tgt Ion: 139 Resp: 56902

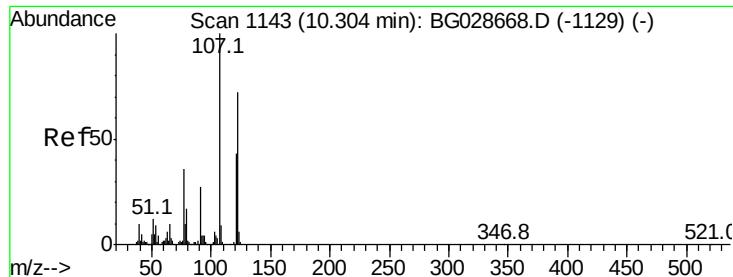
Ion Ratio Lower Upper

139 100

109 40.7 38.6 58.0

65 59.9 57.1 85.7

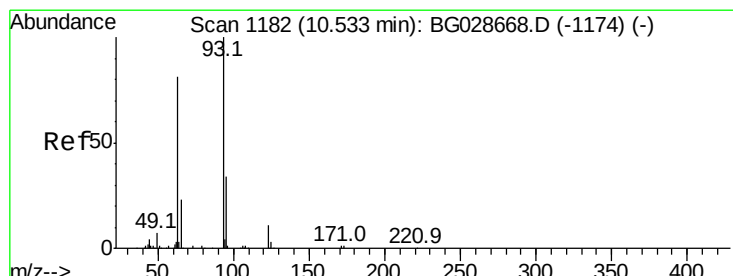
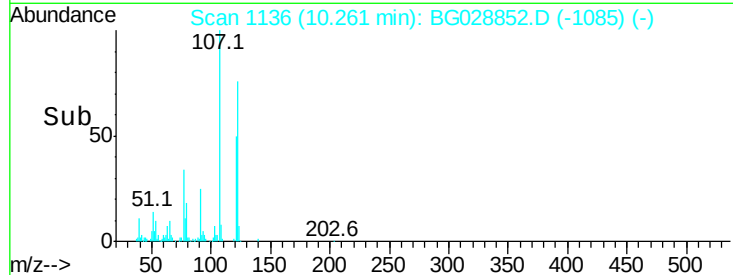
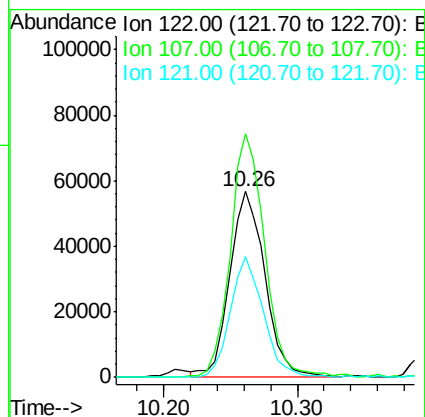
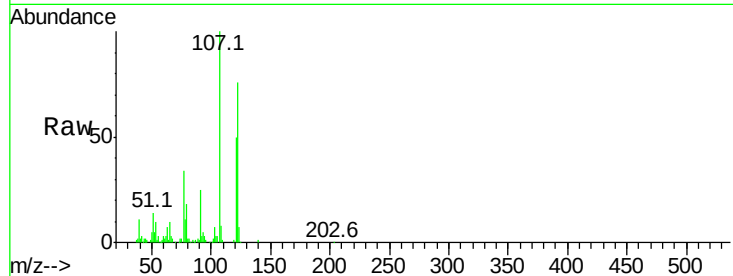




#27
 2,4-Dimethylphenol
 Concen: 41.046 ng
 RT: 10.26 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

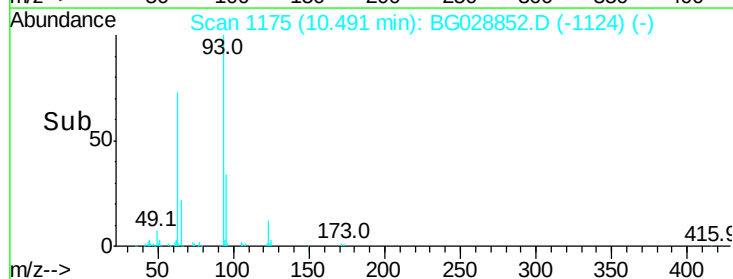
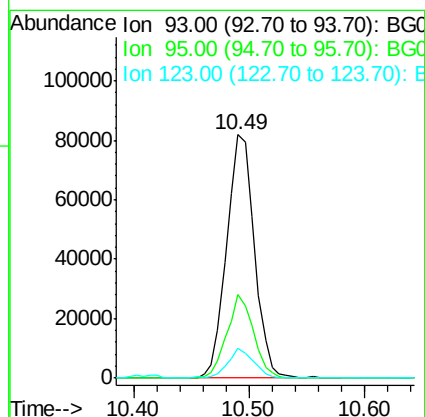
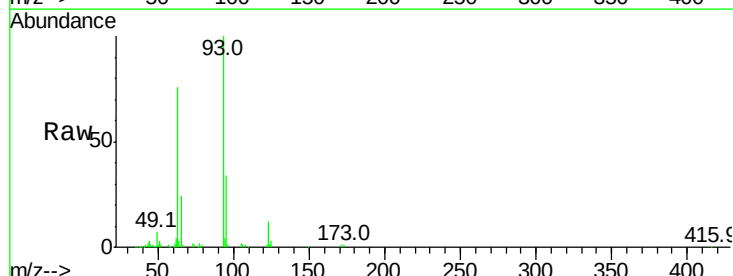
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

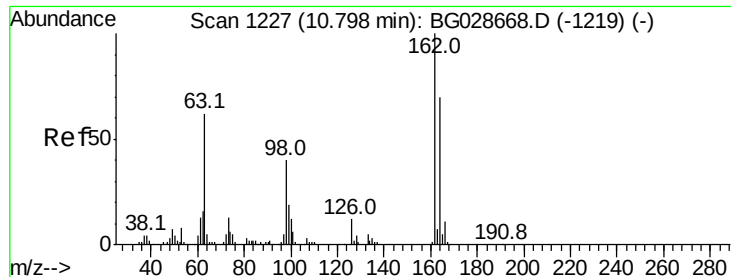
Tot Ion:122 Resp: 104272
 Ion Ratio Lower Upper
 122 100
 107 131.0 104.2 156.4
 121 65.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.198 ng
 RT: 10.49 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion: 93 Resp: 136734
 Ion Ratio Lower Upper
 93 100
 95 34.3 25.7 38.5
 123 12.0 8.3 12.5

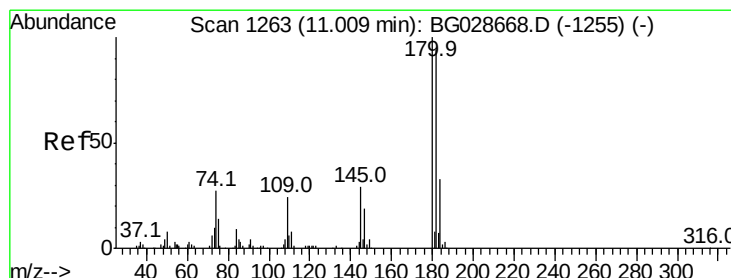
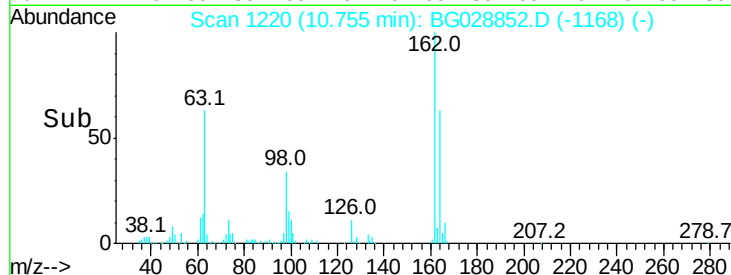
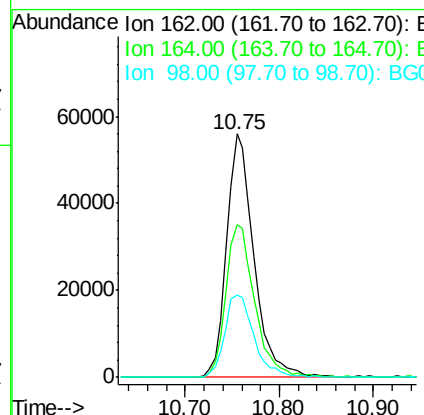
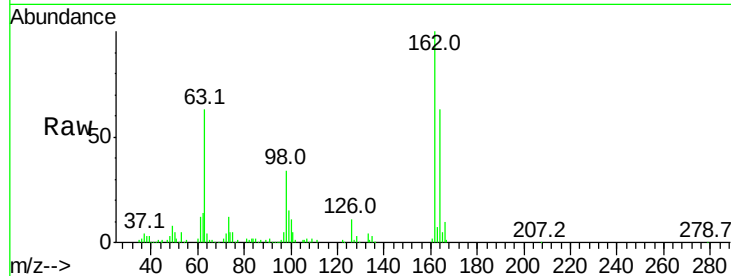




#29
2,4-Dichlorophenol
Concen: 44.853 ng
RT: 10.75 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

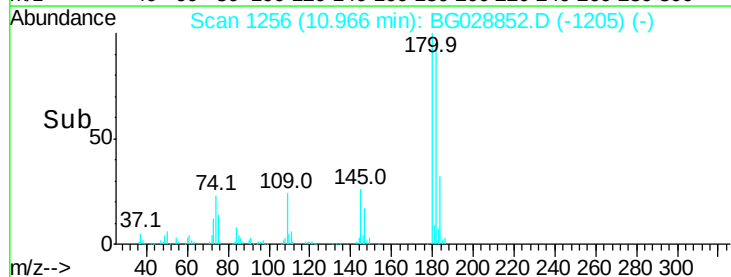
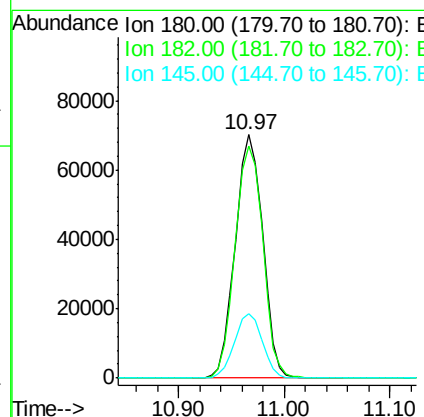
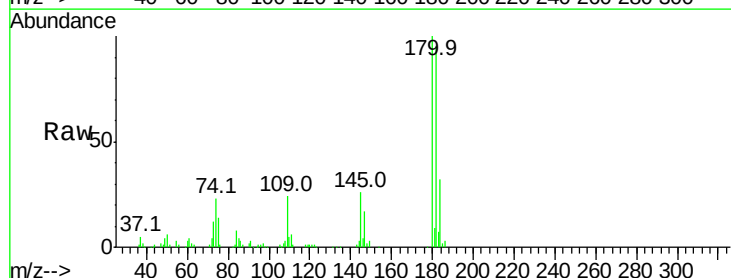
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

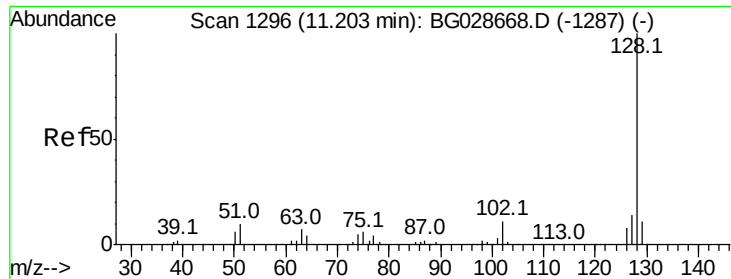
Tot Ion:162 Resp: 113369
Ion Ratio Lower Upper
162 100
164 62.9 42.4 82.4
98 33.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 43.823 ng
RT: 10.97 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:180 Resp: 126360
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.4
145 26.2 23.4 35.0

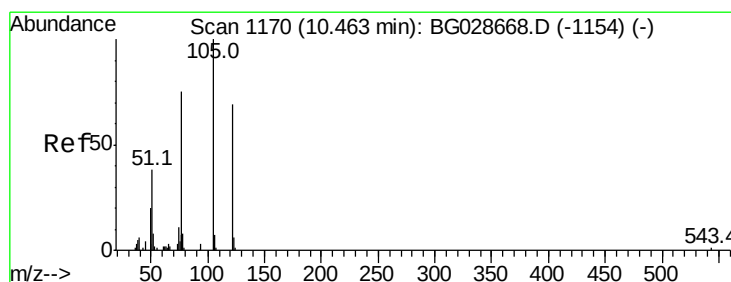
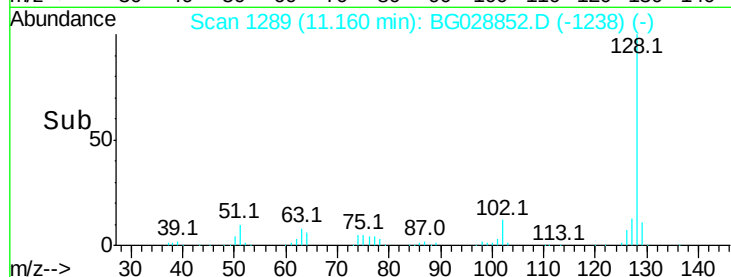
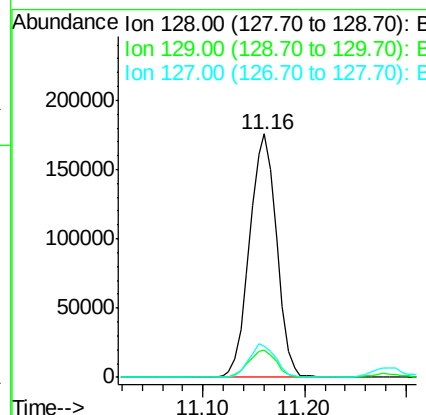
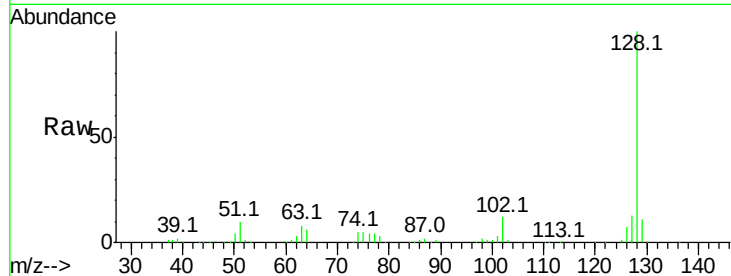




#31
Naphthalene
Concen: 43.946 ng
RT: 11.16 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

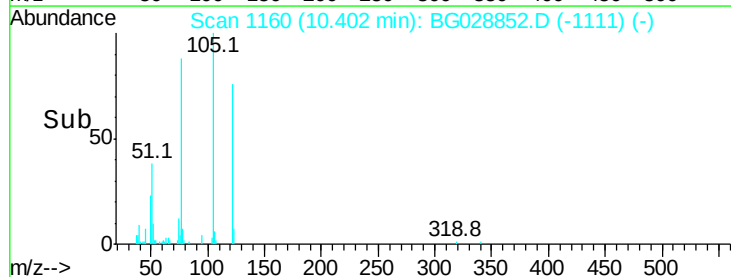
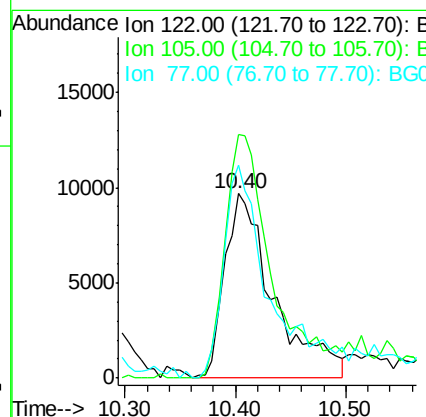
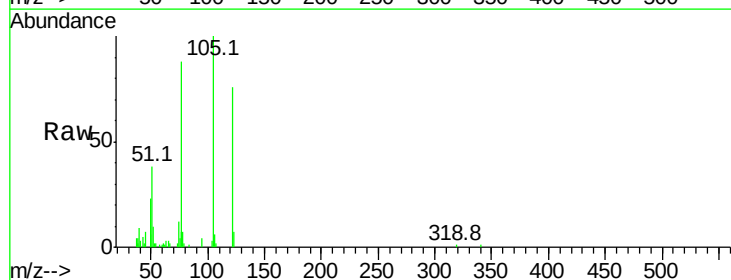
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

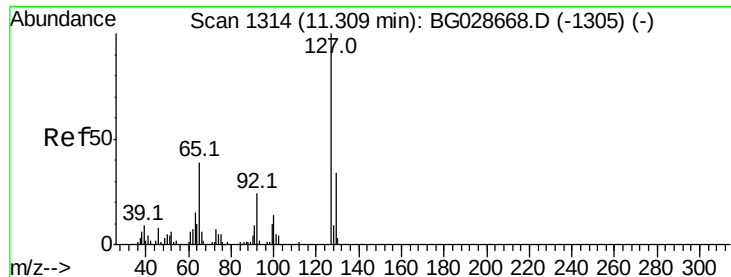
Tot Ion:128 Resp: 323785
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 11.4 17.0



#32
Benzoic acid
Concen: 20.614 ng
RT: 10.40 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:122 Resp: 30016
Ion Ratio Lower Upper
122 100
105 132.0 120.1 160.1
77 115.6 104.6 144.6

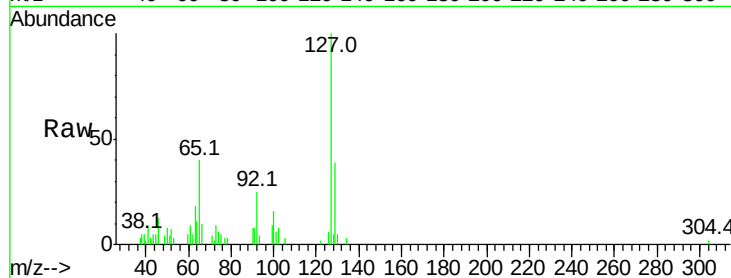




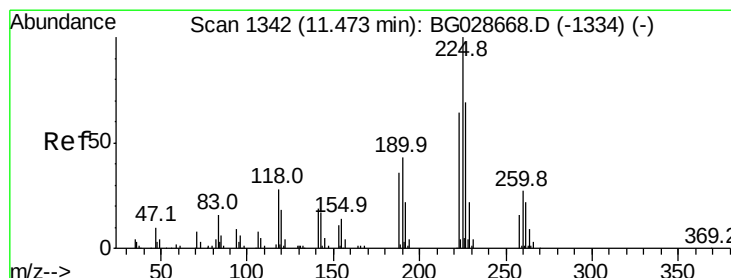
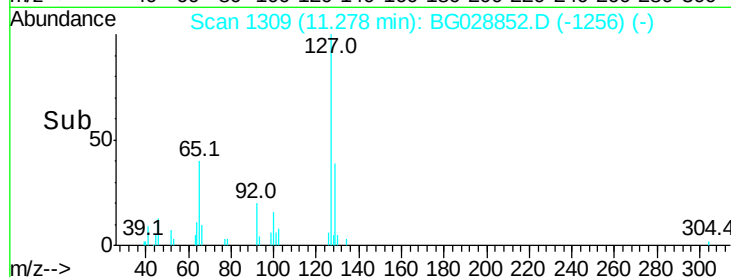
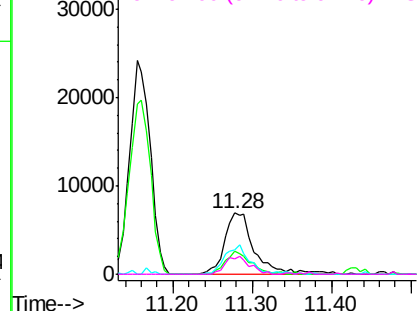
#33
4-Chloroaniline
Concen: 5.825 ng
RT: 11.28 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

Tot Ion:	127	Resp:	17980
Ion	Ratio	Lower	Upper
127	100		
129	38.5	23.6	35.4#
65	39.9	37.7	56.5
92	24.6	17.6	26.4

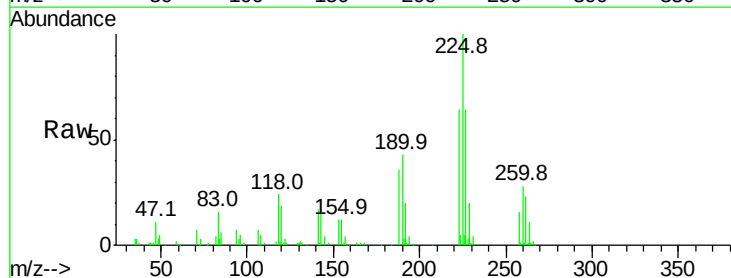


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

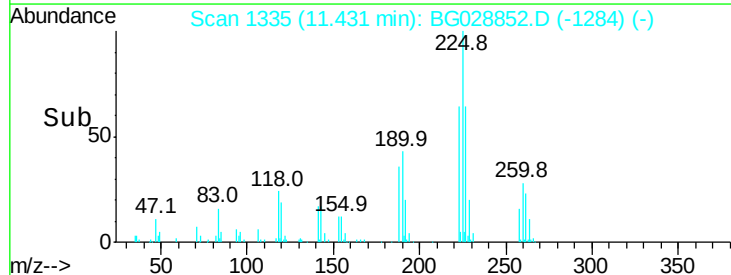
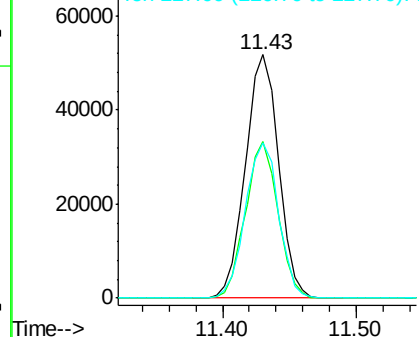


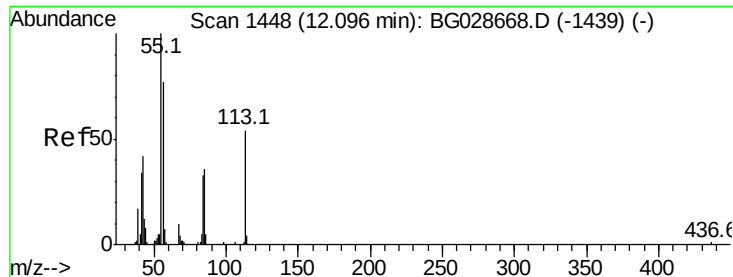
#34
Hexachlorobutadiene
Concen: 41.742 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:	225	Resp:	88650
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	63.5	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: 38.206 ng

RT: 12.05 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

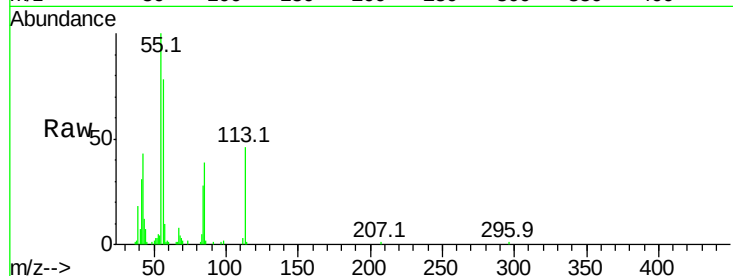
Tot Ion:113 Resp: 34629

Ion Ratio Lower Upper

113 100

55 217.2 198.6 238.6

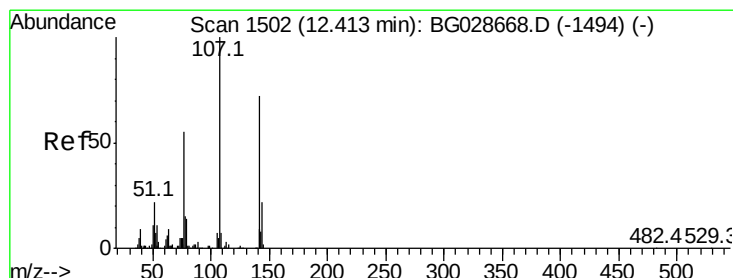
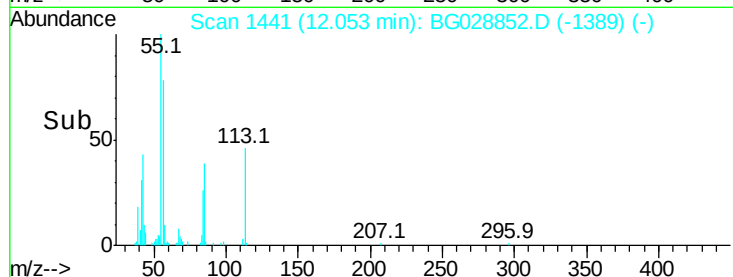
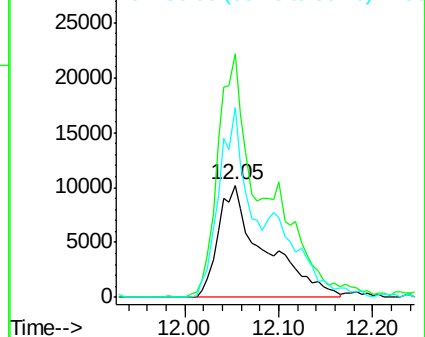
56 169.5 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.340 ng

RT: 12.38 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

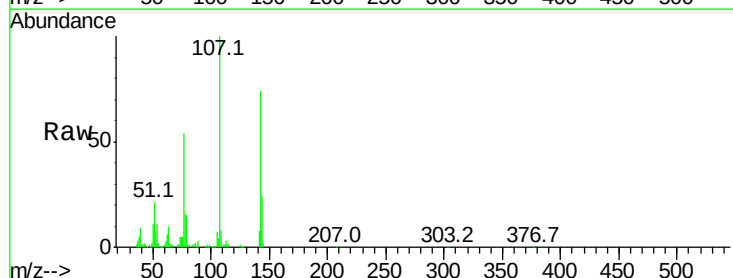
Tgt Ion:107 Resp: 132694

Ion Ratio Lower Upper

107 100

144 24.2 17.4 26.0

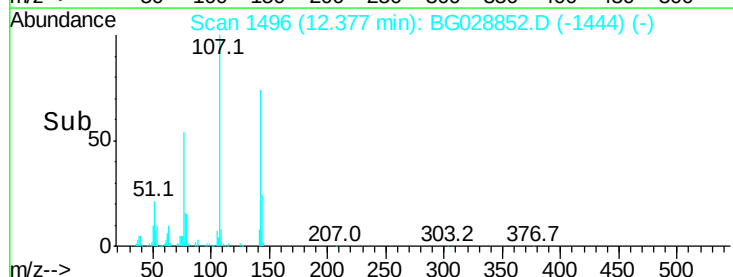
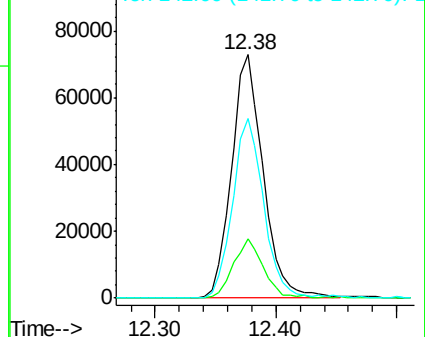
142 73.7 54.1 81.1

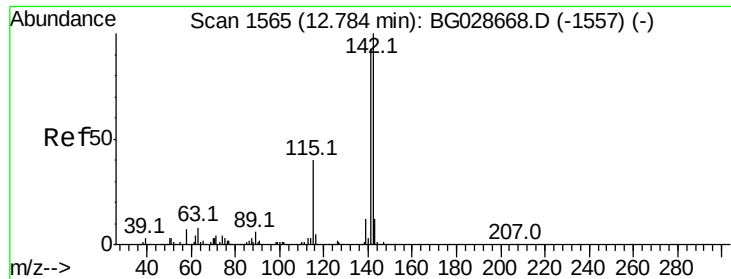


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

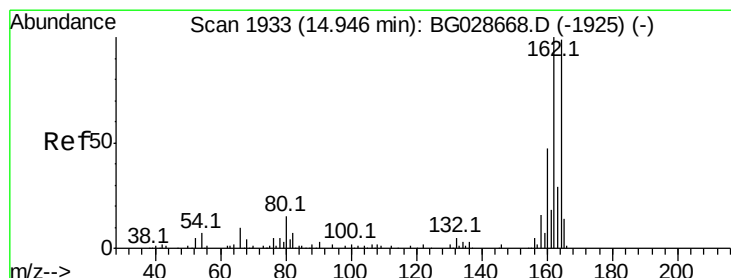
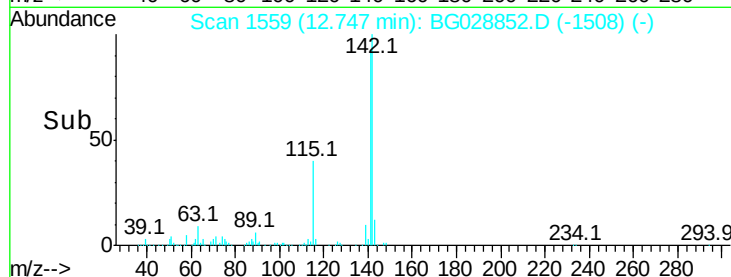
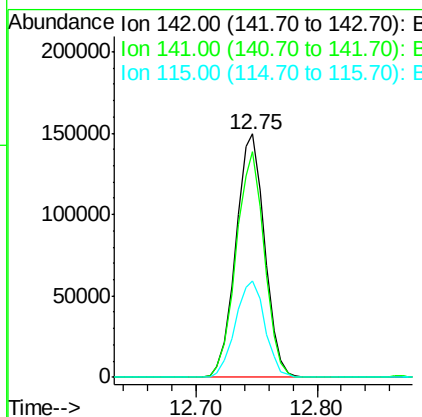
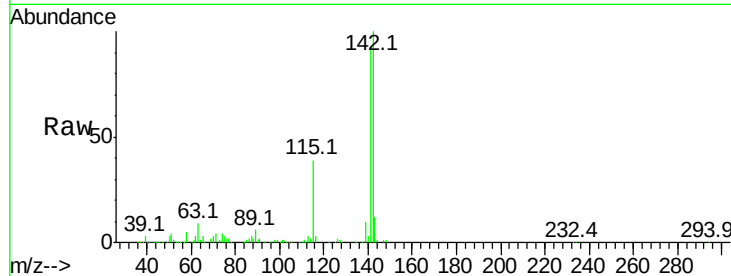




#37
2-Methylnaphthalene
Concen: 45.147 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

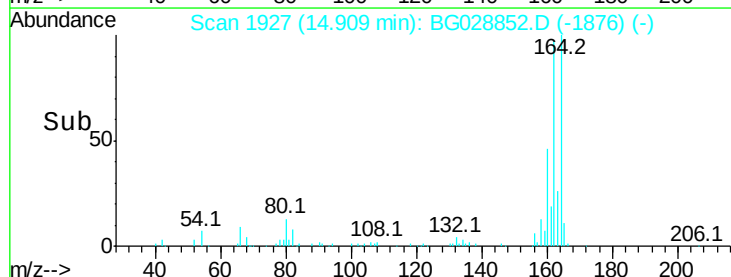
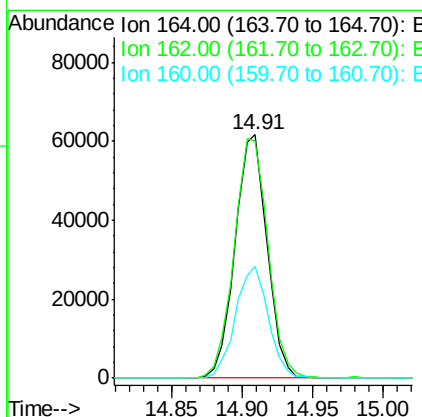
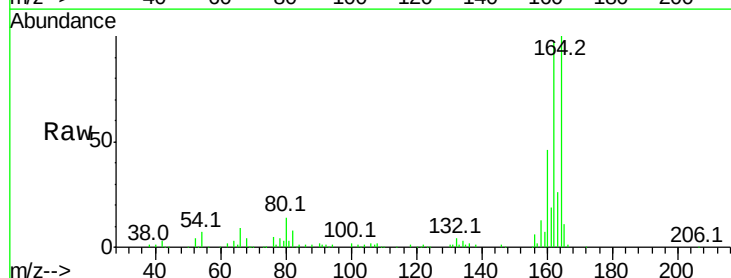
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

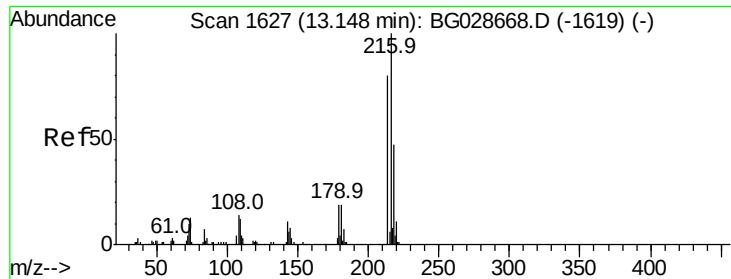
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.4	105.6
115	39.5	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	85.1	127.7
160	45.7	34.7	52.1

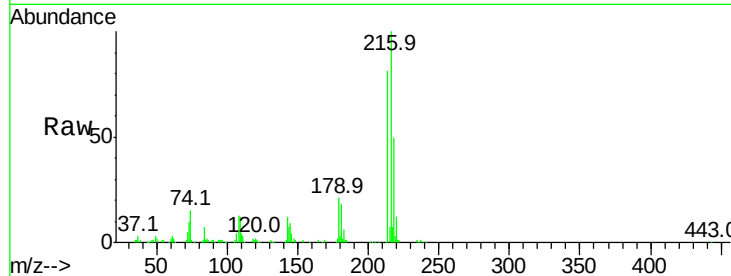




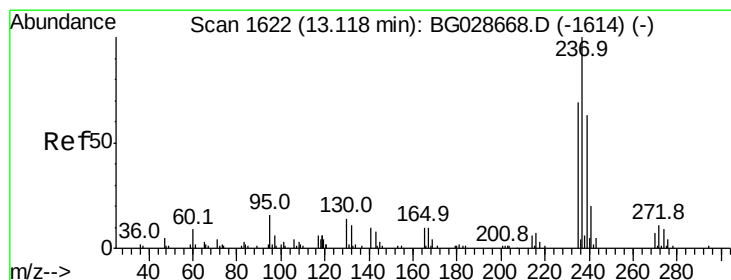
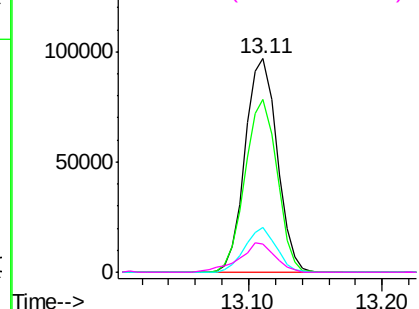
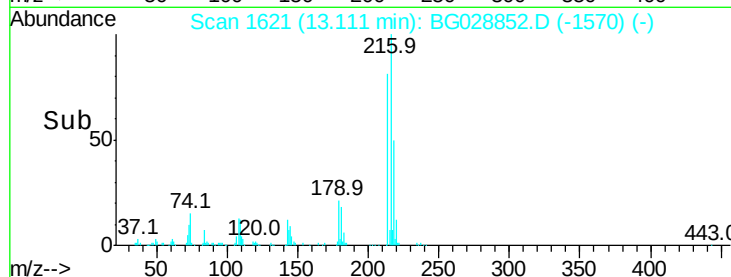
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.092 ng
 RT: 13.11 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

Tot Ion:	216	Resp:	160012
Ion	Ratio	Lower	Upper
216	100		
214	81.0	64.4	96.6
179	20.4	17.4	26.0
108	15.5	15.6	23.4#

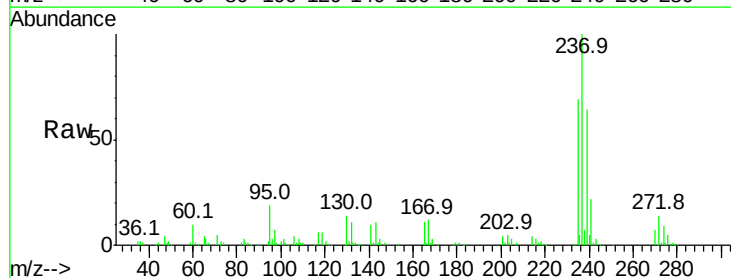


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

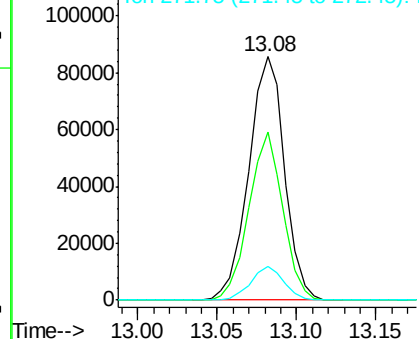
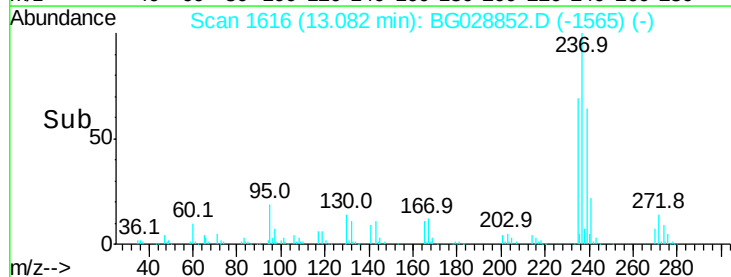


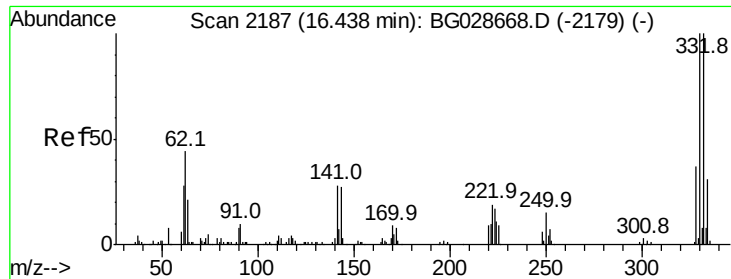
#40
 Hexachlorocyclopentadiene
 Concen: 85.764 ng
 RT: 13.08 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion:	237	Resp:	133913
Ion	Ratio	Lower	Upper
237	100		
235	68.9	39.4	79.4
272	13.9	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

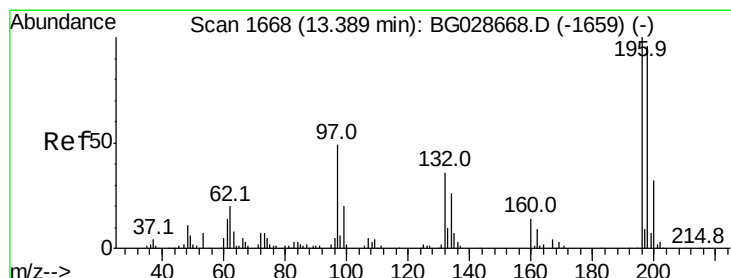
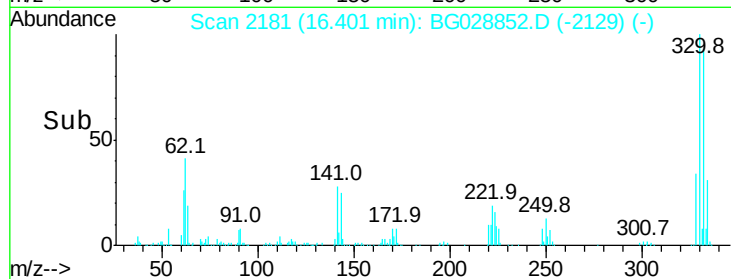
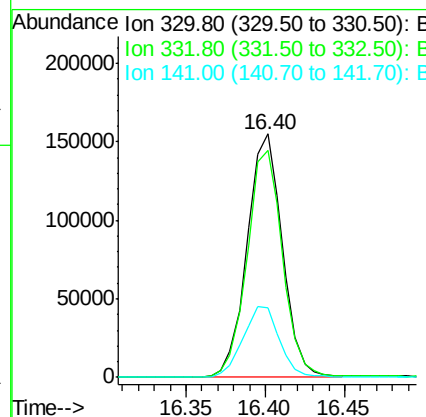
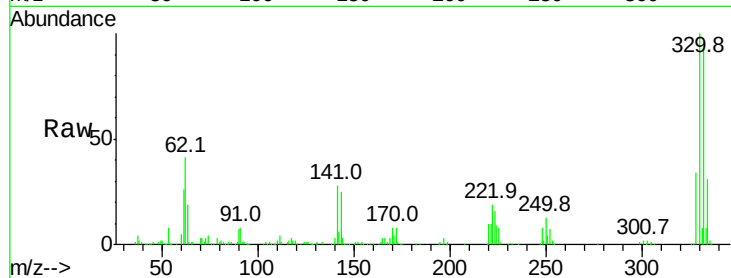




#41
 2,4,6-Tribromophenol
 Concen: 149.092 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

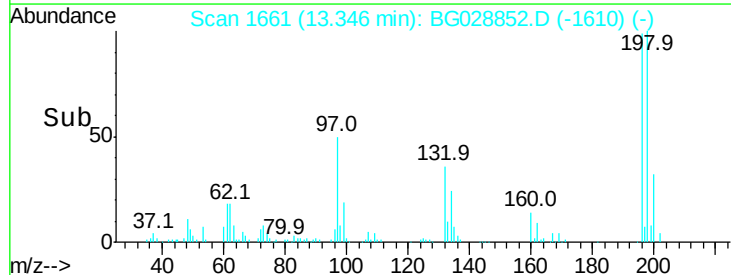
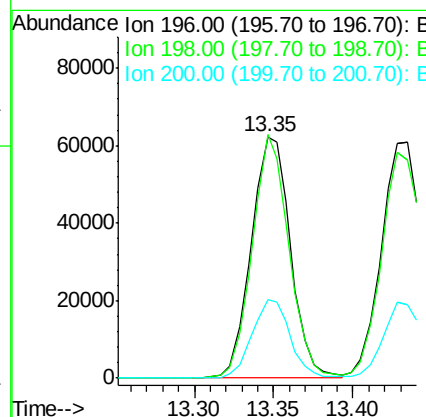
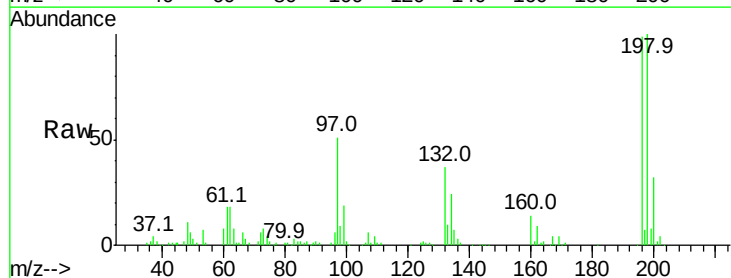
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

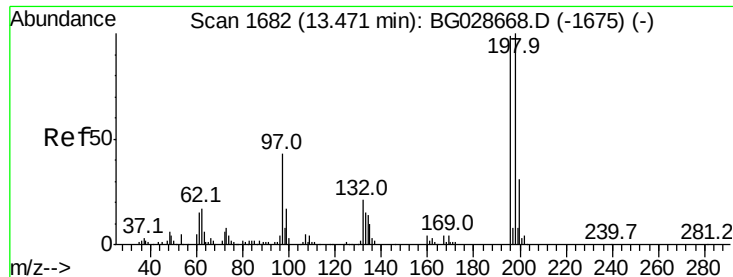
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	30.3	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 42.320 ng
 RT: 13.35 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	81.4	122.2
200	32.4	27.0	40.6

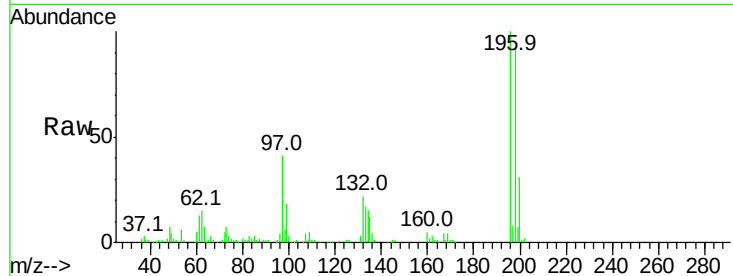




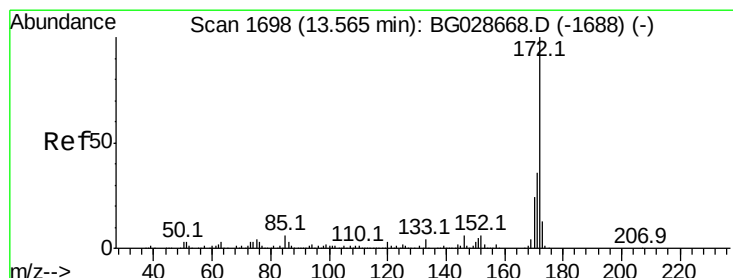
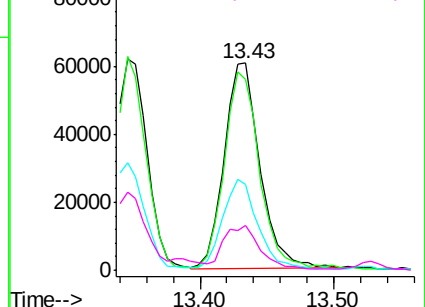
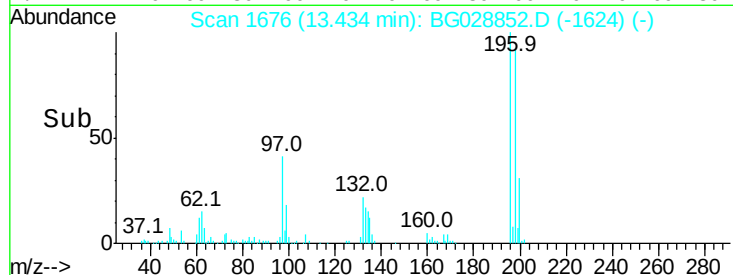
#43
 2,4,5-Trichlorophenol
 Concen: 44.637 ng
 RT: 13.43 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

Tot Ion:	196	Resp:	113618
Ion	Ratio	Lower	Upper
196	100		
198	92.2	79.9	119.9
97	41.4	45.4	68.0#
132	22.0	20.7	31.1

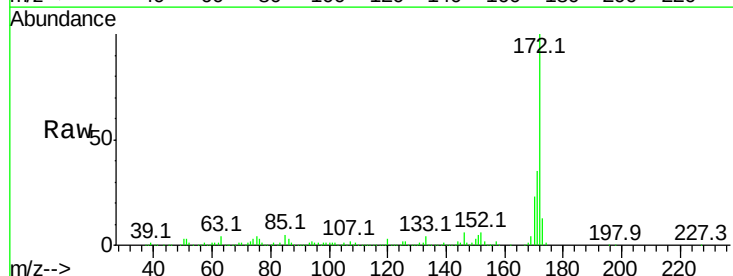


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

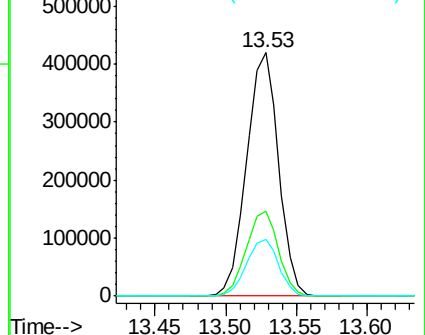
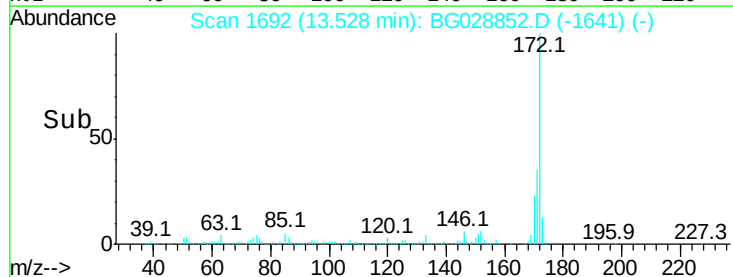


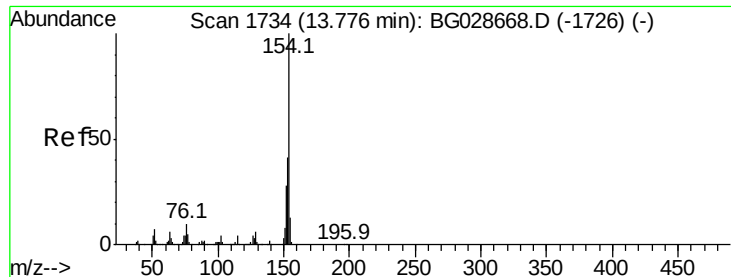
#44
 2-Fluorobiphenyl
 Concen: 91.280 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion:	172	Resp:	664484
Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.1	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.415 ng

RT: 13.74 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

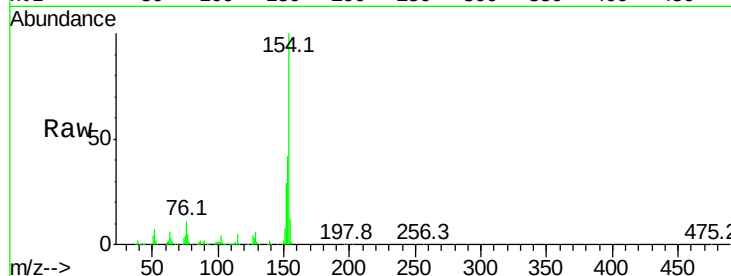
Tot Ion:154 Resp: 332845

Ion Ratio Lower Upper

154 100

153 42.4 23.0 63.0

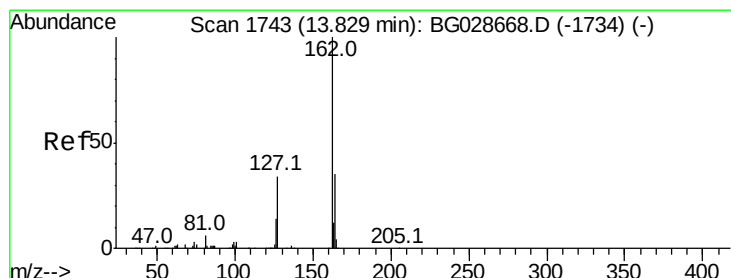
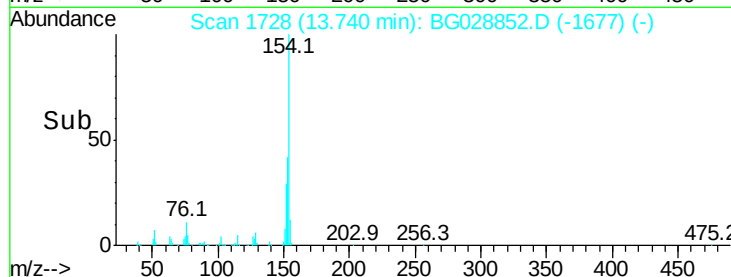
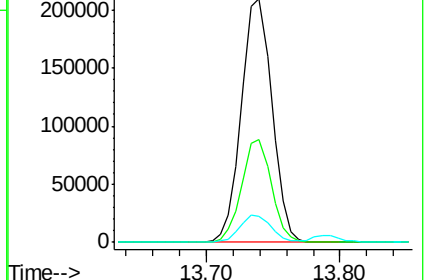
76 10.7 0.0 33.5



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: 44.790 ng

RT: 13.79 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

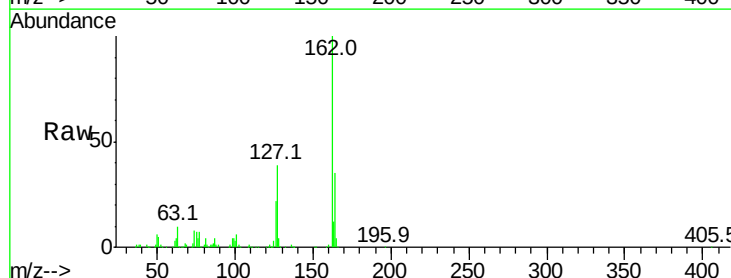
Tgt Ion:162 Resp: 262555

Ion Ratio Lower Upper

162 100

127 38.8 32.2 48.4

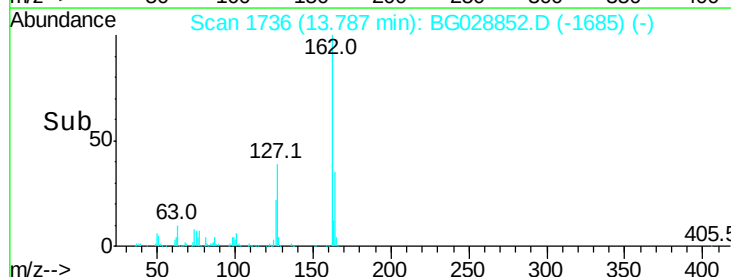
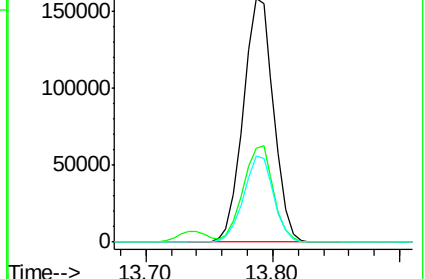
164 35.2 27.3 40.9

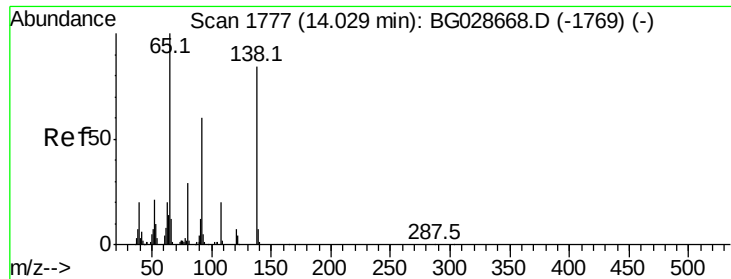


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.811 ng

RT: 13.99 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

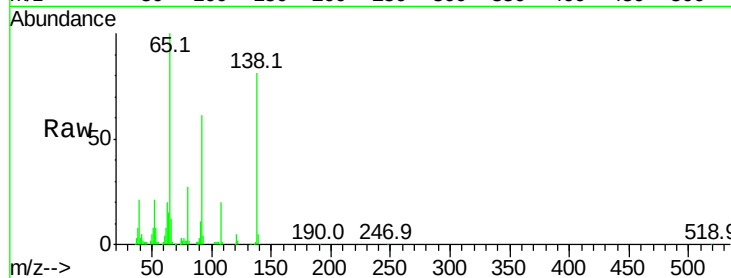
Tot Ion: 65 Resp: 101982

Ion Ratio Lower Upper

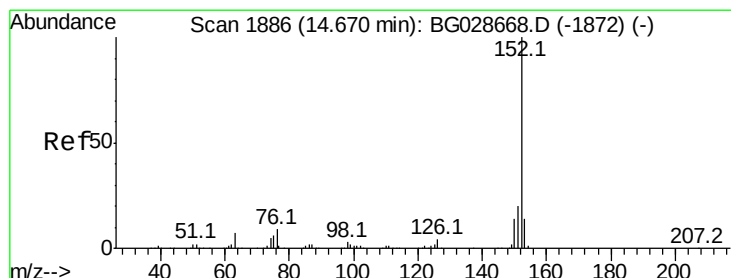
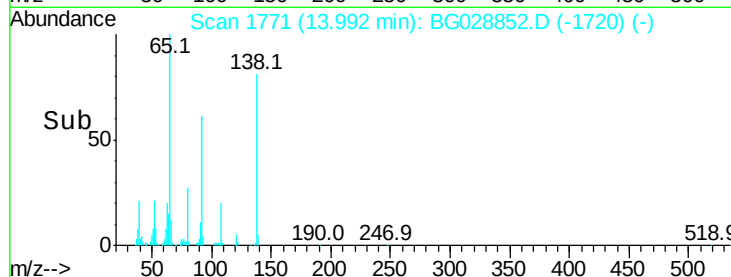
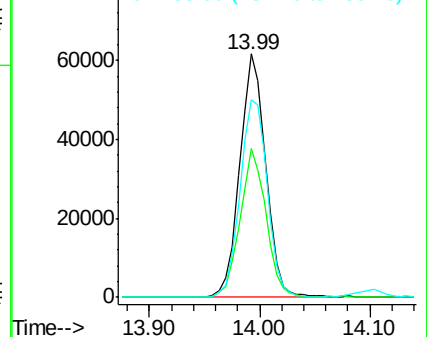
65 100

92 61.1 49.0 73.4

138 81.0 58.6 87.8



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



#48

Acenaphthylene

Concen: 44.333 ng

RT: 14.63 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

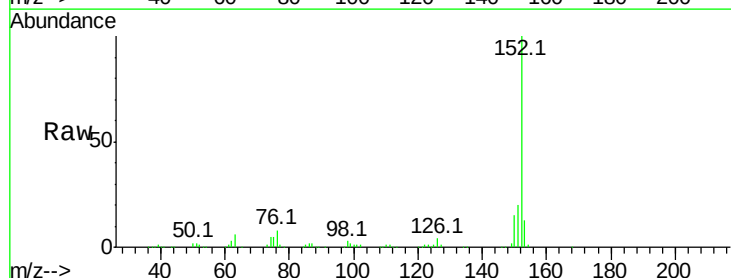
Tgt Ion: 152 Resp: 415190

Ion Ratio Lower Upper

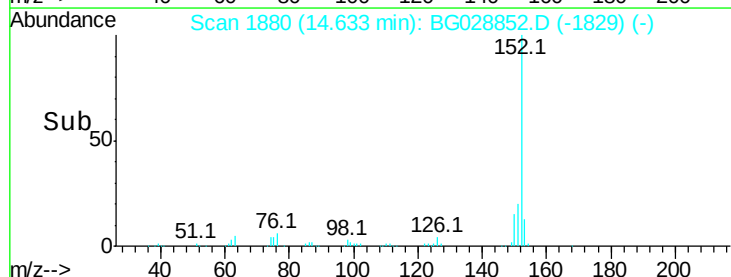
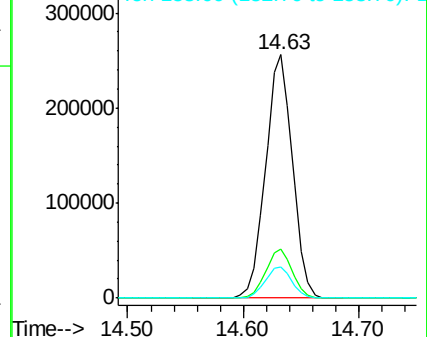
152 100

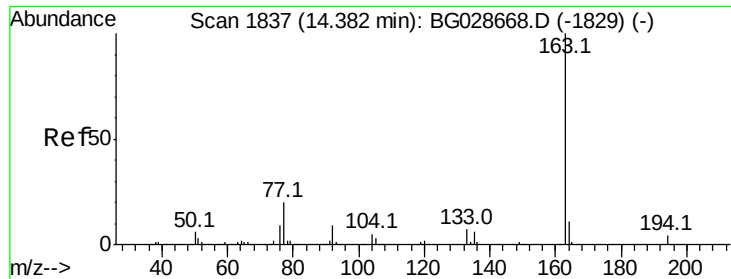
151 20.4 18.2 27.2

153 13.0 11.3 16.9



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





#49

Dimethylphthalate

Concen: 43.728 ng

RT: 14.35 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

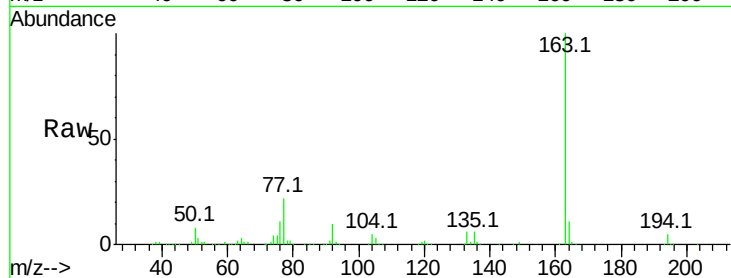
Tot Ion:163 Resp: 355930

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

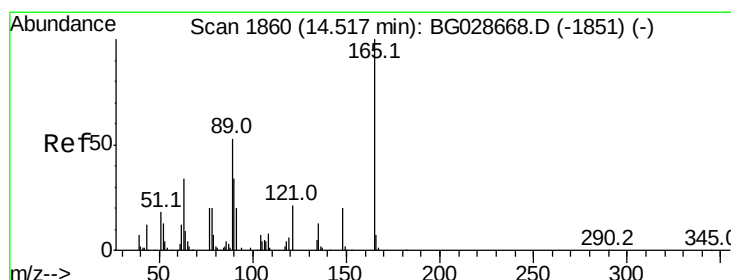
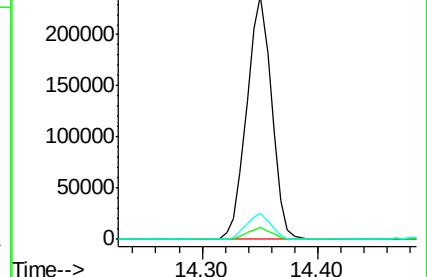
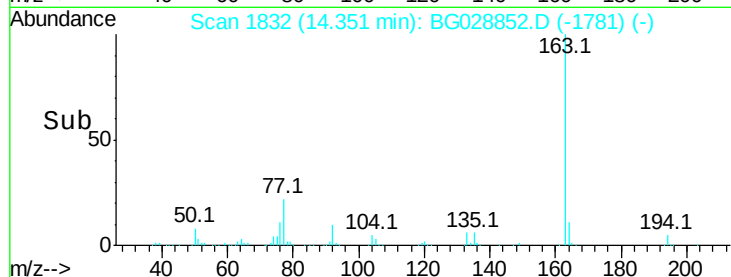
164 10.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.265 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

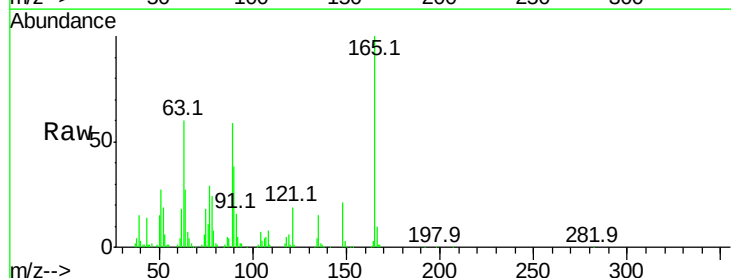
Tgt Ion:165 Resp: 81983

Ion Ratio Lower Upper

165 100

63 59.9 63.9 95.9#

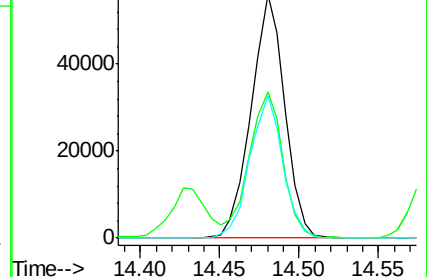
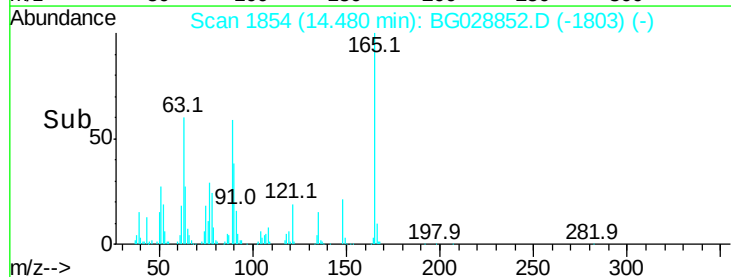
89 58.6 58.6 88.0#

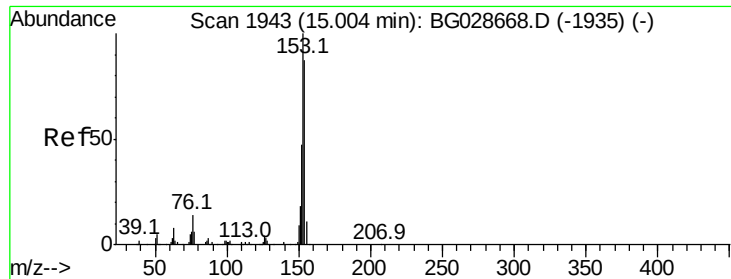


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 44.511 ng

RT: 14.97 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

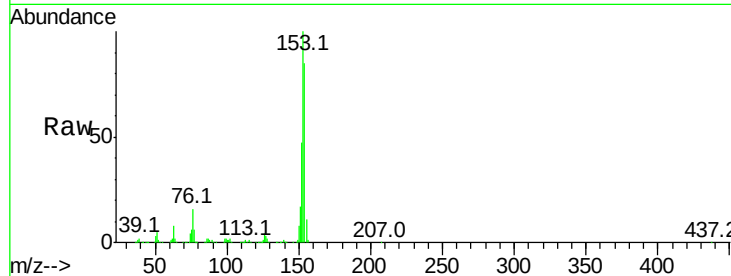
Tot Ion:154 Resp: 253227

Ion Ratio Lower Upper

154 100

153 117.4 87.8 131.6

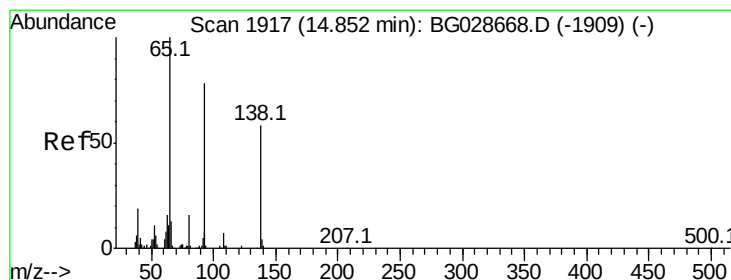
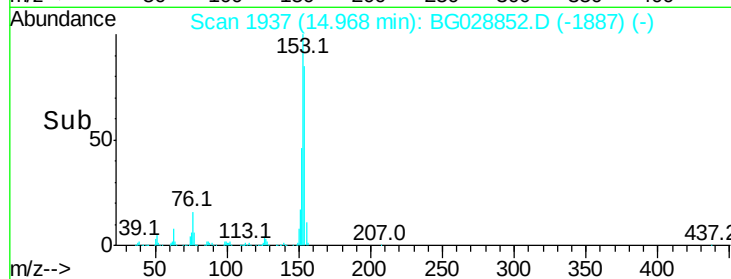
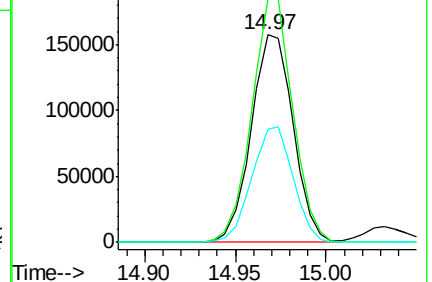
152 54.7 42.2 63.4



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: 27.124 ng

RT: 14.81 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

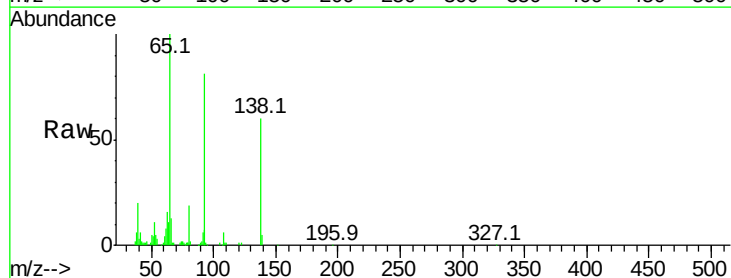
Tgt Ion:138 Resp: 43444

Ion Ratio Lower Upper

138 100

108 10.1 10.9 16.3#

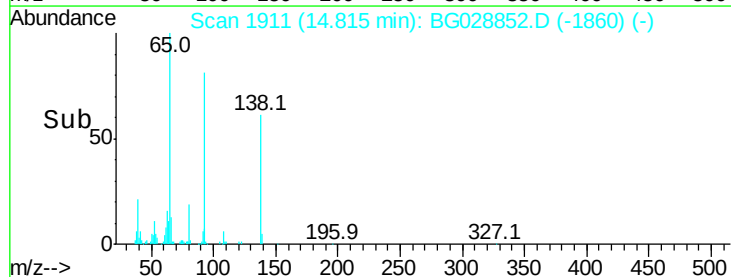
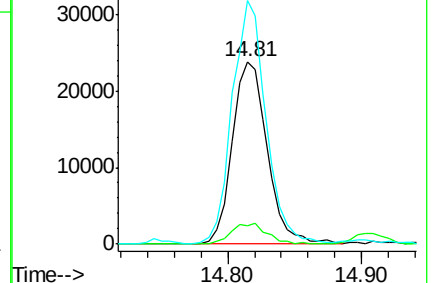
92 133.5 115.3 172.9

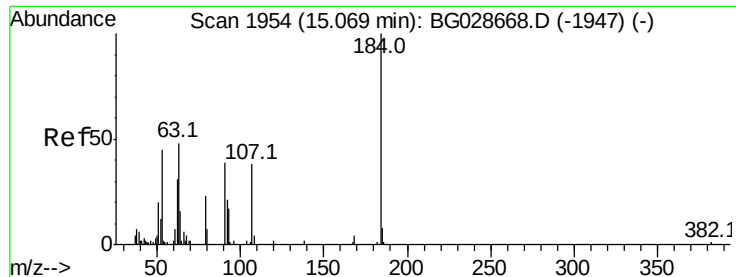


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

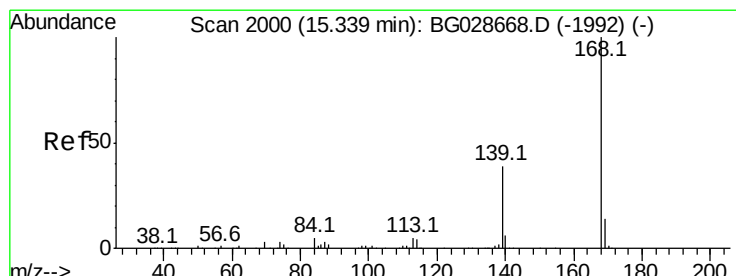
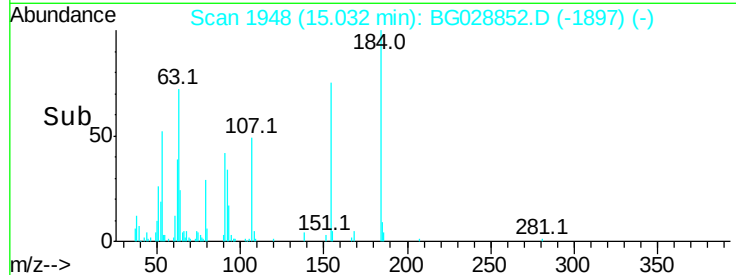
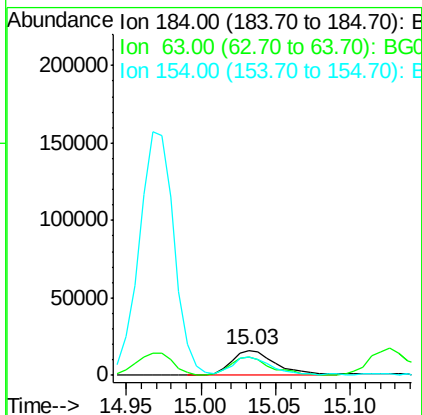
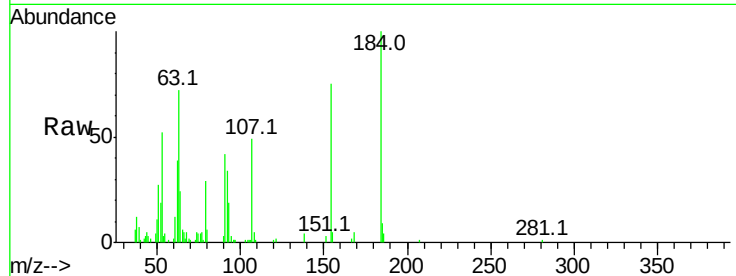




#53
2,4-Dinitrophenol
Concen: 39.390 ng
RT: 15.03 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

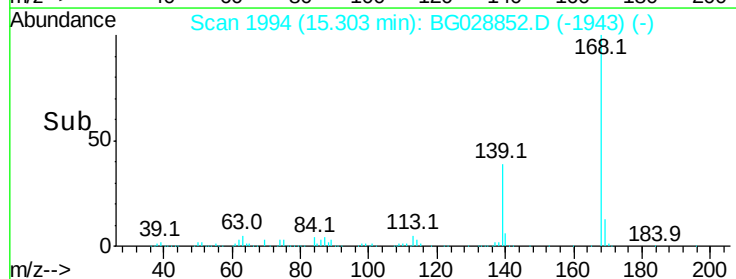
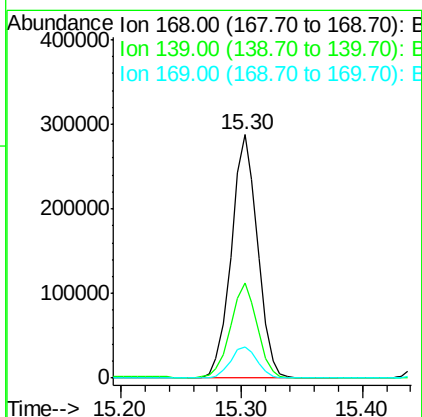
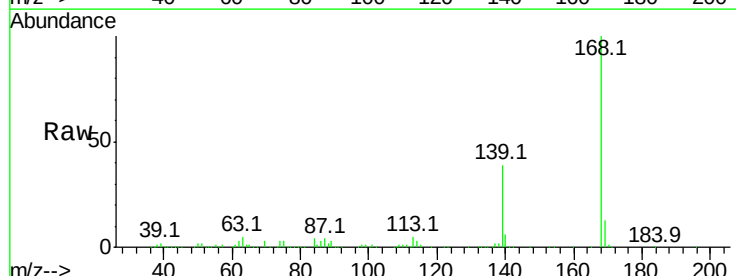
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

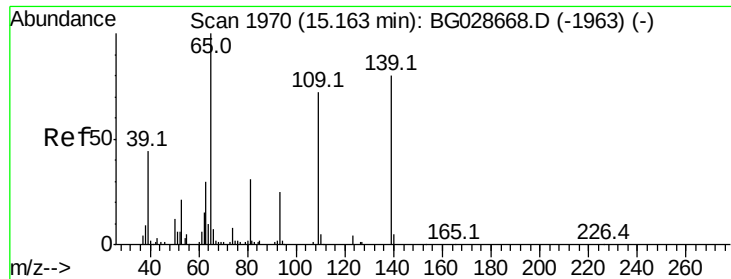
Tot Ion:184 Resp: 33285
Ion Ratio Lower Upper
184 100
63 71.9 52.7 79.1
154 74.5 57.3 85.9



#54
Dibenzofuran
Concen: 47.910 ng
RT: 15.30 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:168 Resp: 434662
Ion Ratio Lower Upper
168 100
139 39.2 35.3 52.9
169 12.8 11.5 17.3

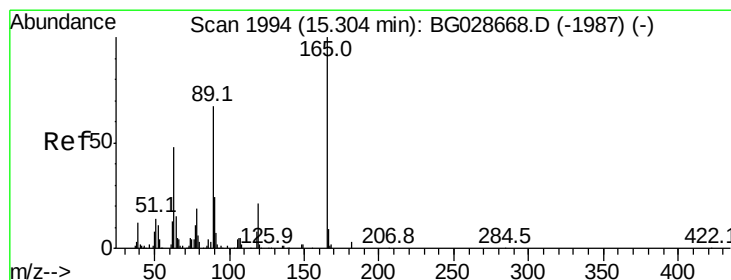
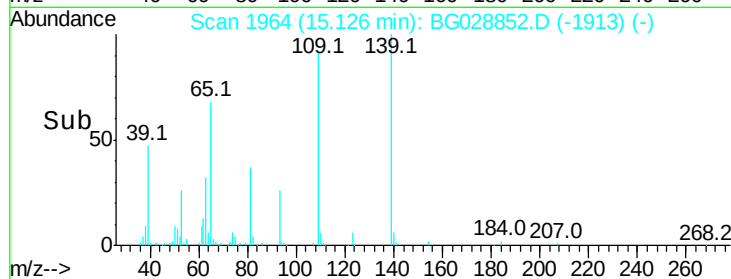
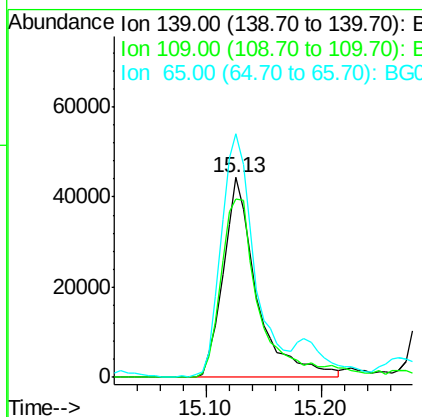
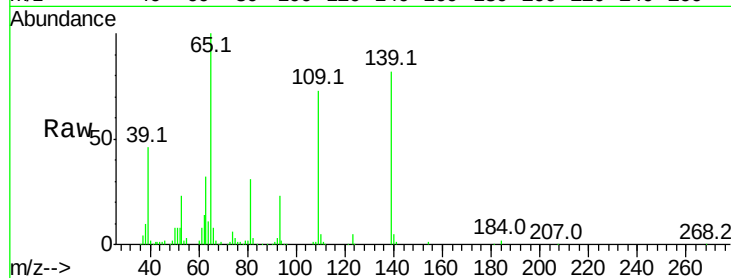




#55
4-Nitrophenol
Concen: 76.136 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

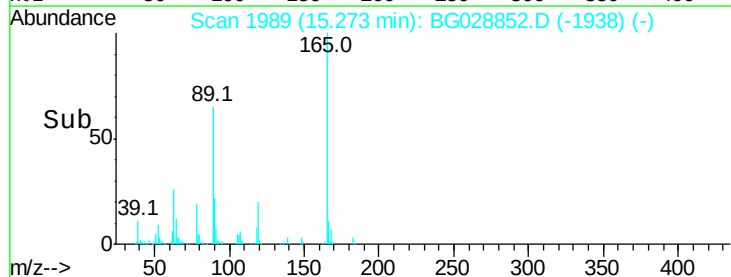
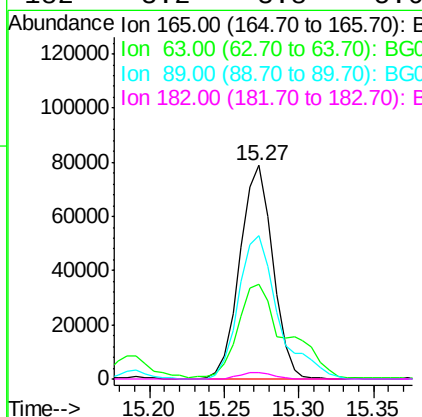
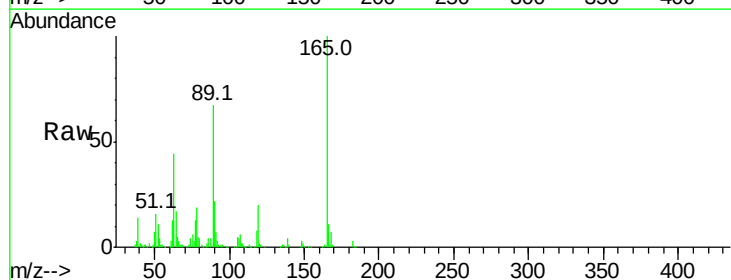
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

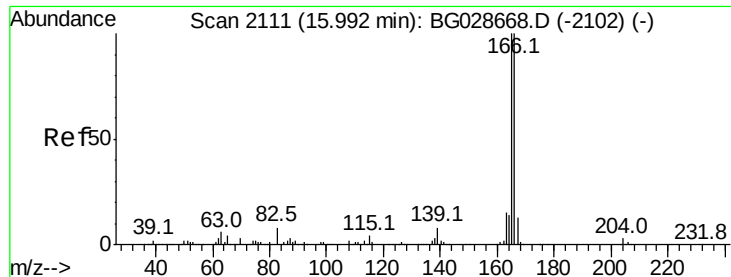
Tot Ion:139 Resp: 89343
Ion Ratio Lower Upper
139 100
109 89.3 101.2 141.2#
65 121.9 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 47.450 ng
RT: 15.27 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:165 Resp: 120839
Ion Ratio Lower Upper
165 100
63 44.1 44.0 66.0
89 67.4 67.3 100.9
182 3.2 3.8 5.6#





#57

Fluorene

Concen: 45.827 ng

RT: 15.95 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

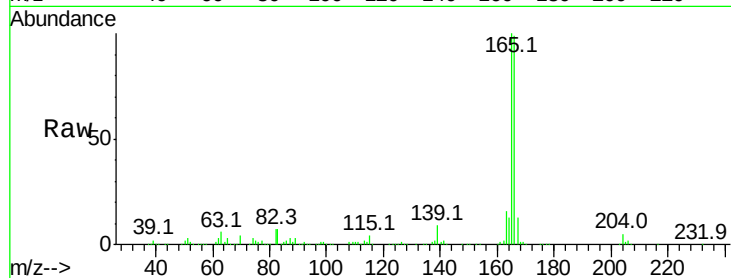
Tot Ion:166 Resp: 371179

Ion Ratio Lower Upper

166 100

165 101.3 78.6 117.8

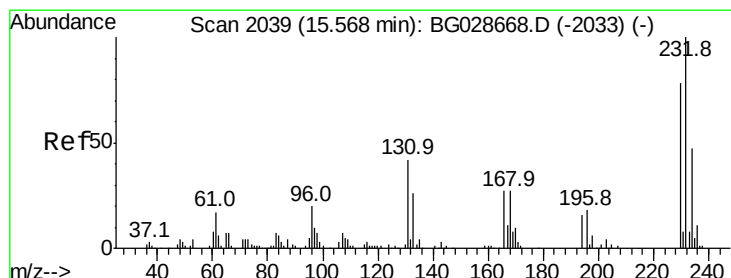
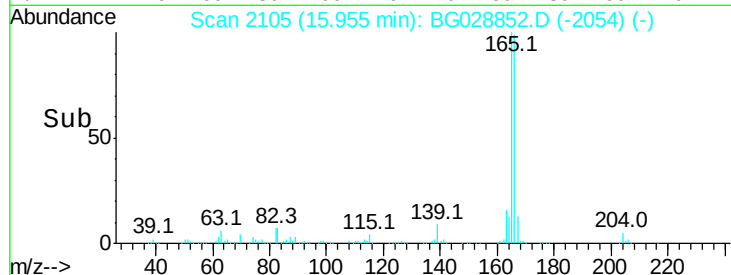
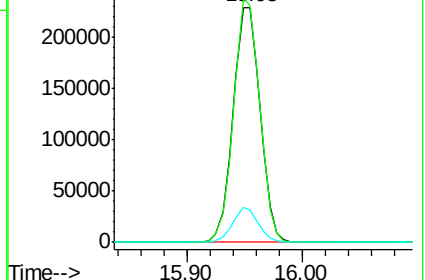
167 13.6 11.6 17.4



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: 50.958 ng

RT: 15.53 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Tgt Ion:232 Resp: 114317

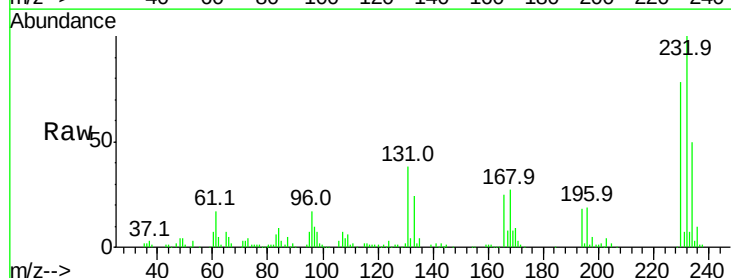
Ion Ratio Lower Upper

232 100

131 38.2 34.9 52.3

130 2.1 2.3 3.5#

166 27.7 24.2 36.4

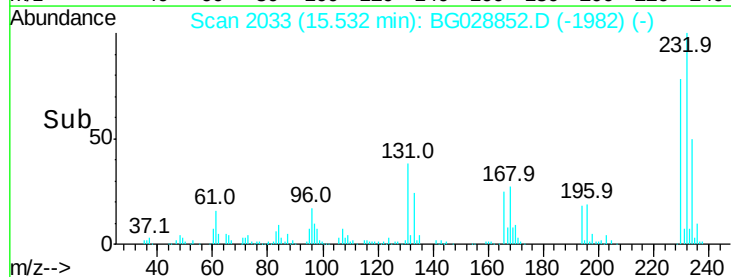
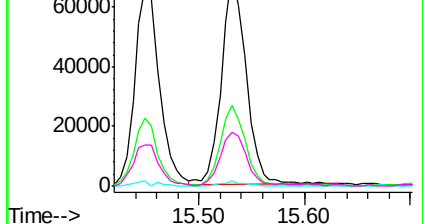


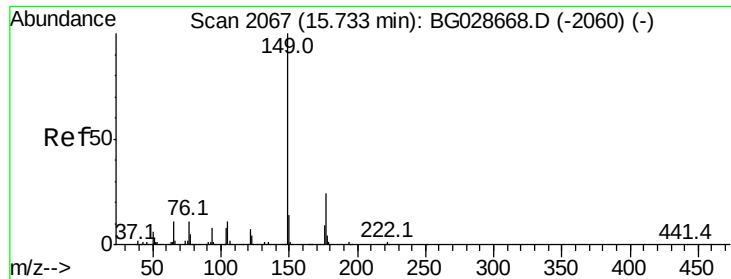
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.242 ng

RT: 15.70 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

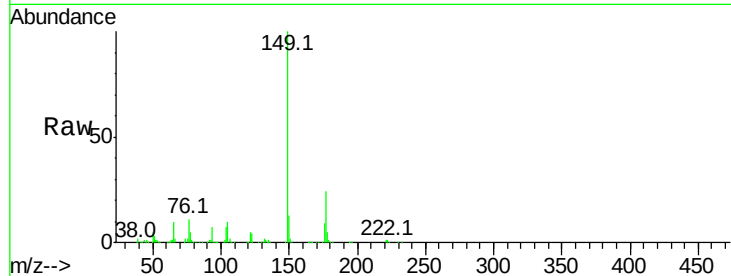
Tot Ion:149 Resp: 370077

Ion Ratio Lower Upper

149 100

177 24.2 20.1 30.1

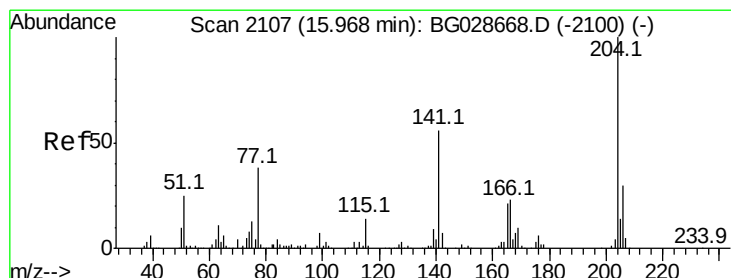
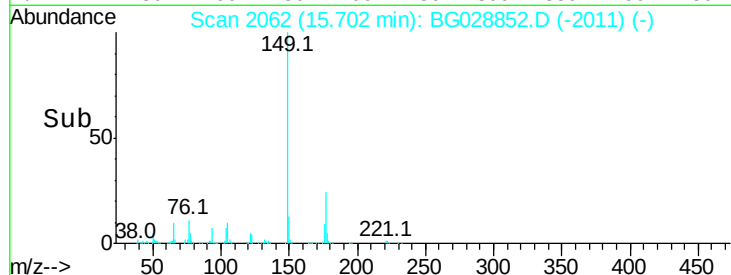
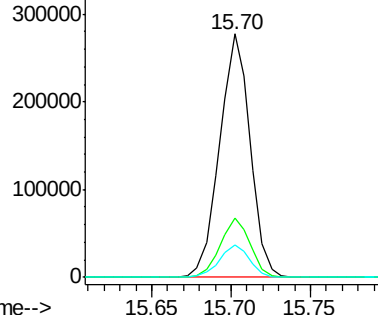
150 13.5 10.2 15.2



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: 45.631 ng

RT: 15.93 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

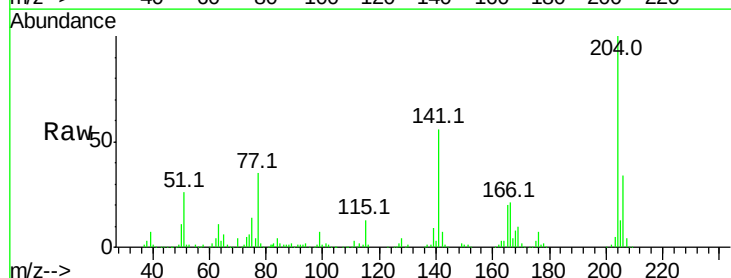
Tgt Ion:204 Resp: 210454

Ion Ratio Lower Upper

204 100

206 33.6 30.1 45.1

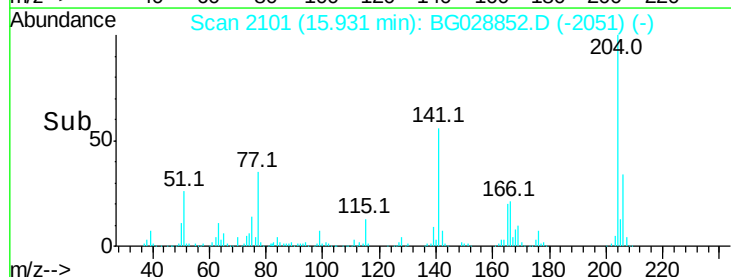
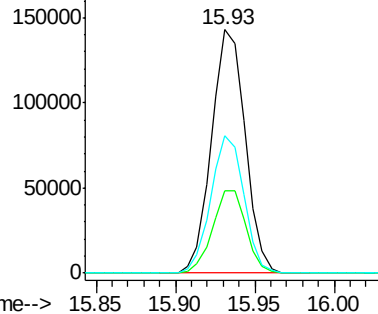
141 56.5 50.6 76.0

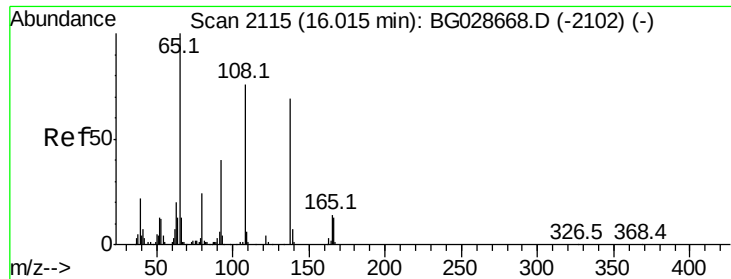


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

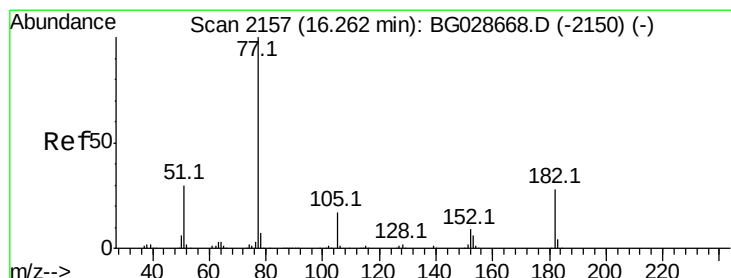
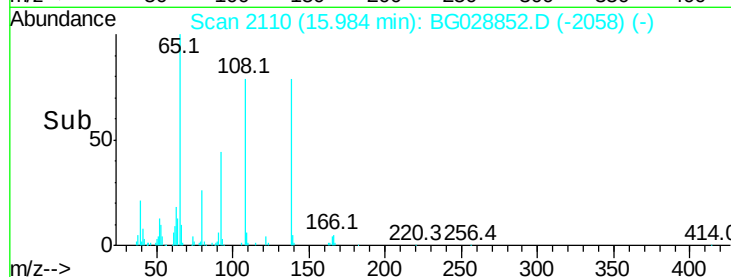
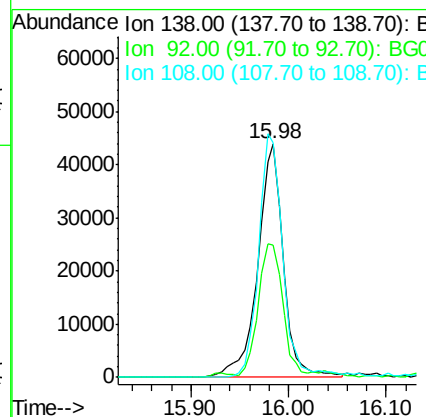
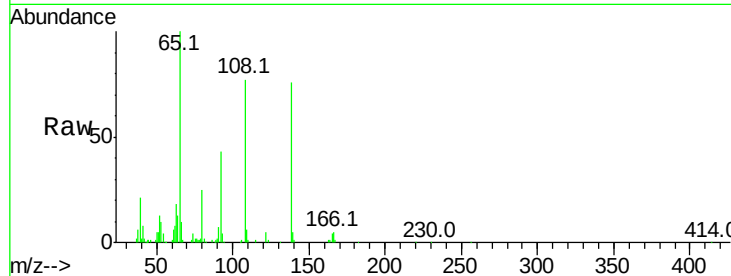




#61
4-Nitroaniline
Concen: 47.347 ng
RT: 15.98 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

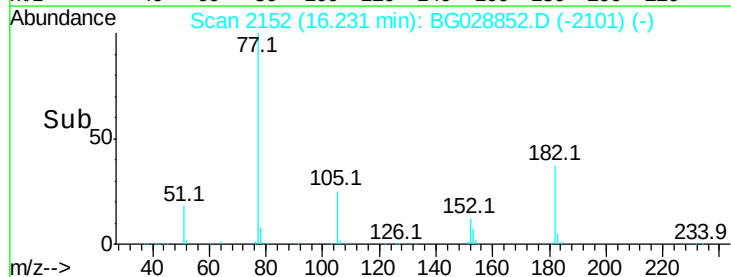
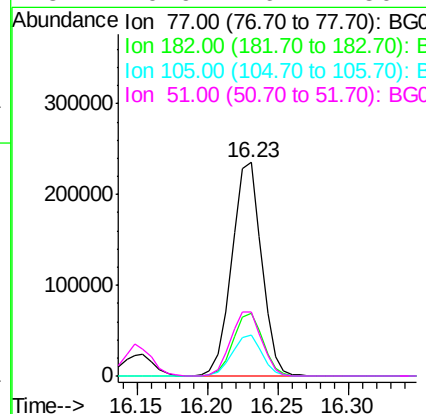
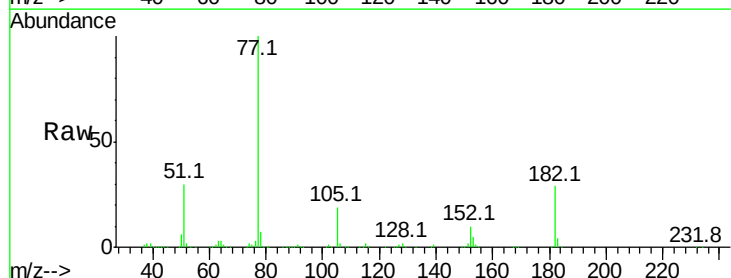
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

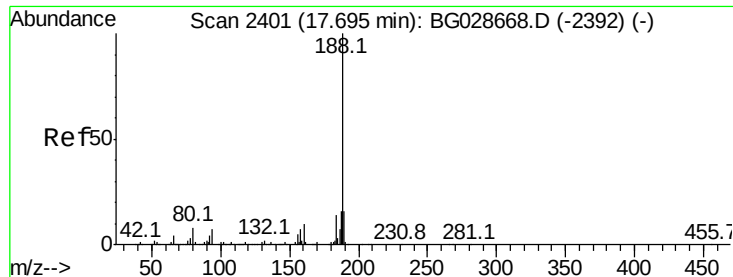
Tot Ion:138 Resp: 80339
Ion Ratio Lower Upper
138 100
92 56.6 44.2 84.2
108 100.6 104.8 144.8#



#62
Azobenzene
Concen: 48.749 ng
RT: 16.23 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion: 77 Resp: 342950
Ion Ratio Lower Upper
77 100
182 29.3 4.7 44.7
105 19.4 0.0 36.3
51 29.9 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

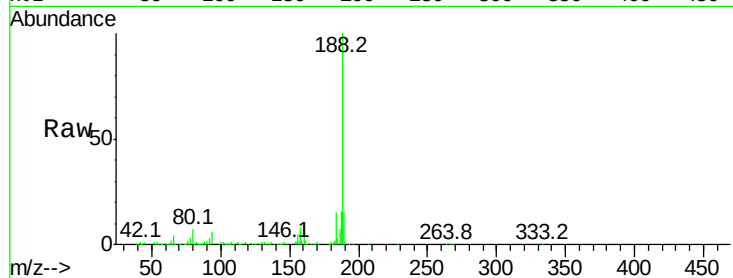
Tot Ion:188 Resp: 261968

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

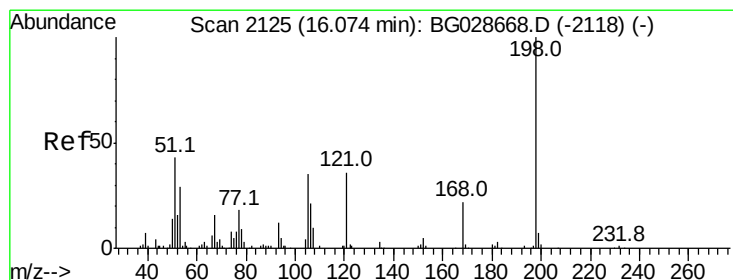
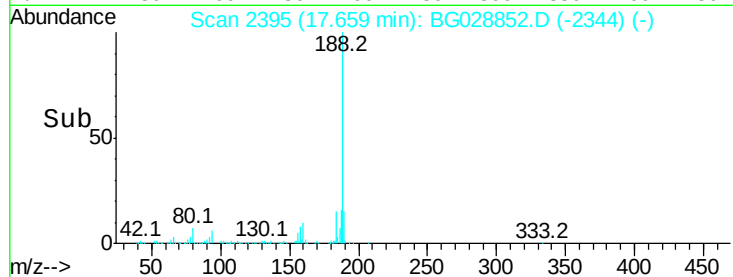
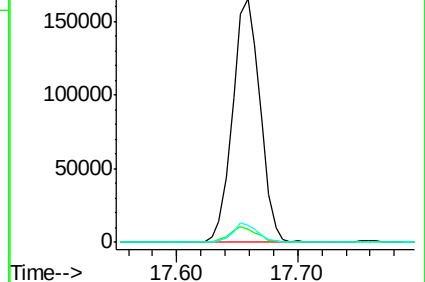
80 7.0 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 27.613 ng

RT: 16.04 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

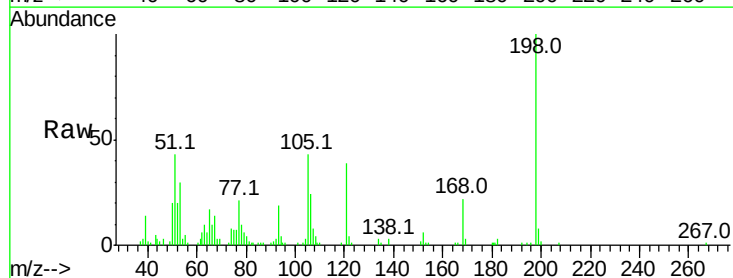
Tgt Ion:198 Resp: 46677

Ion Ratio Lower Upper

198 100

51 43.0 22.6 62.6

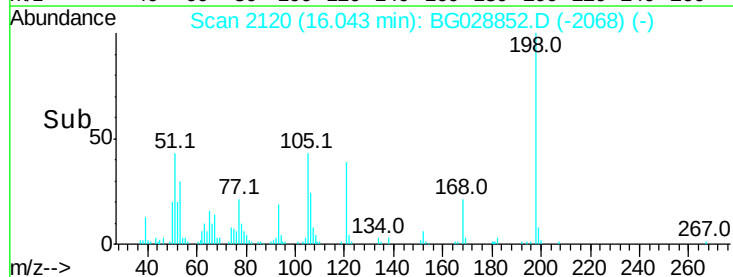
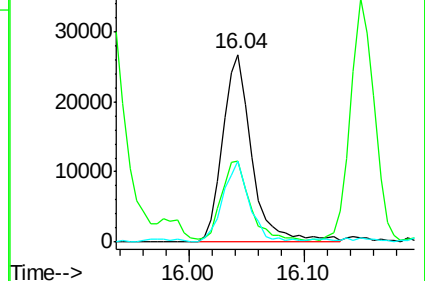
105 43.2 14.4 54.4

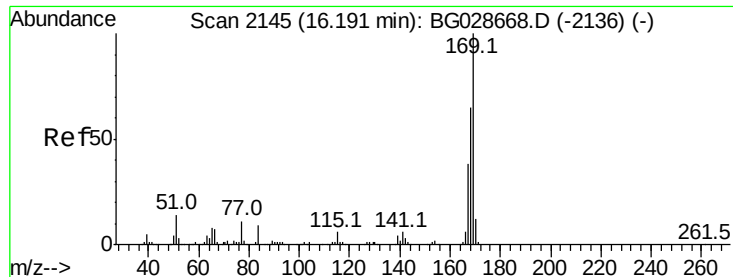


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

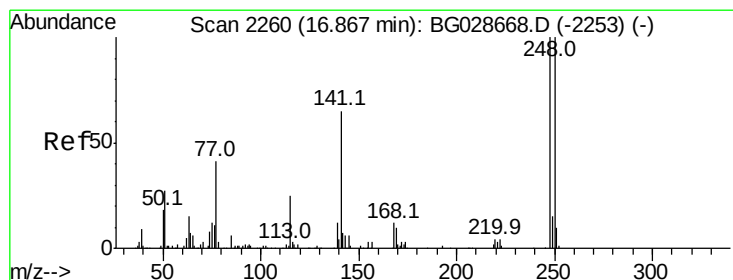
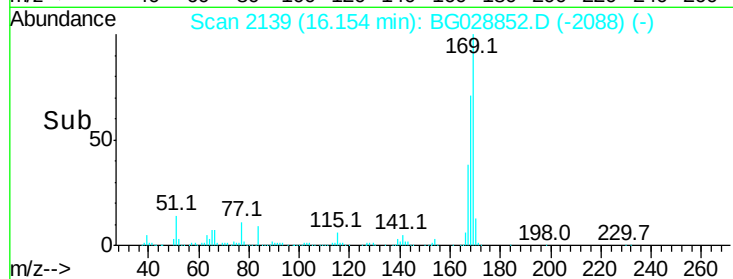
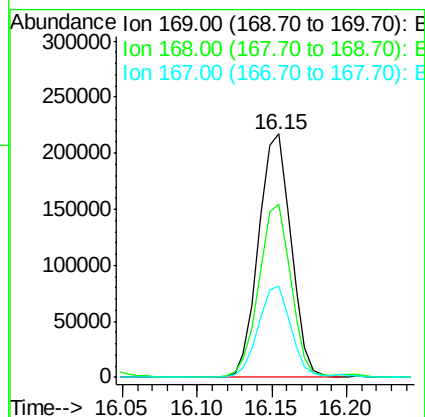
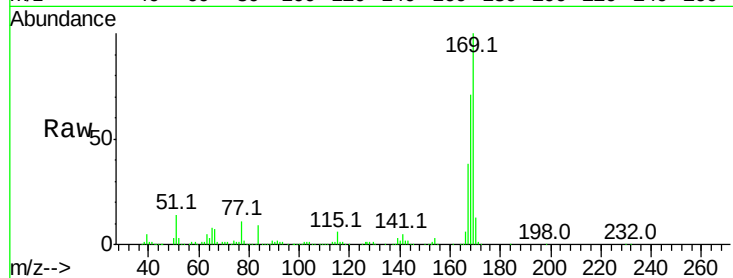




#65
 n-Nitrosodiphenylamine
 Concen: 43.343 ng
 RT: 16.15 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

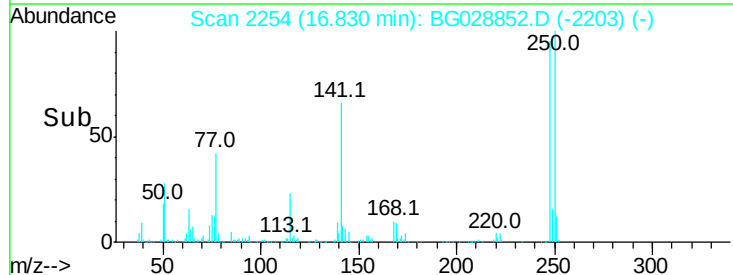
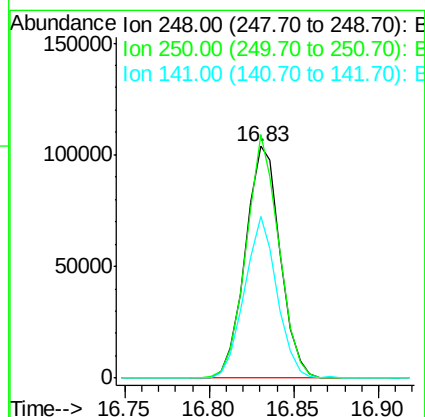
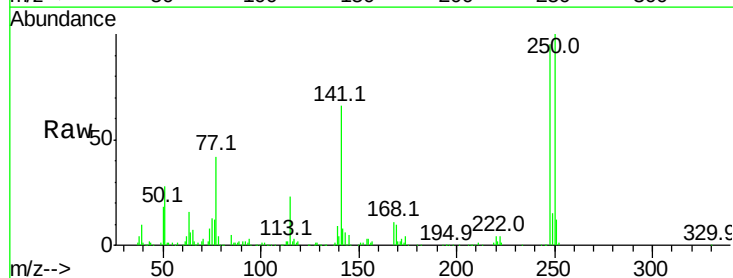
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

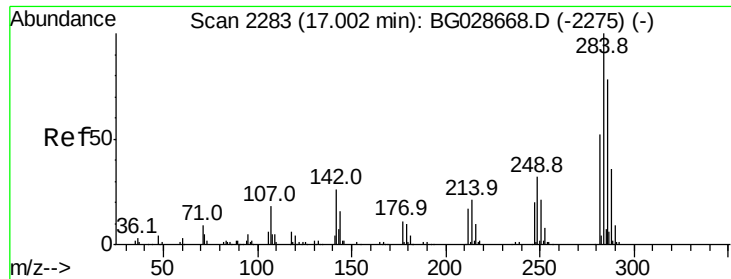
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.3	55.7	83.5
167	37.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.097 ng
 RT: 16.83 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	105.1	75.0	112.6
141	69.6	55.2	82.8

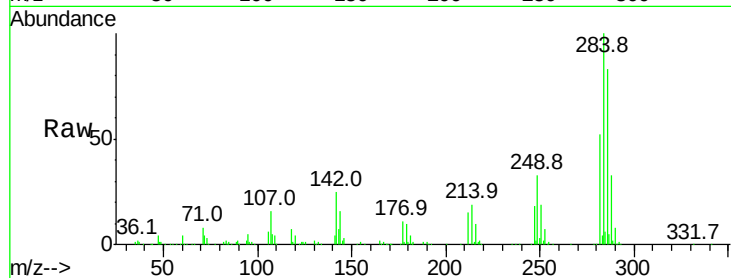




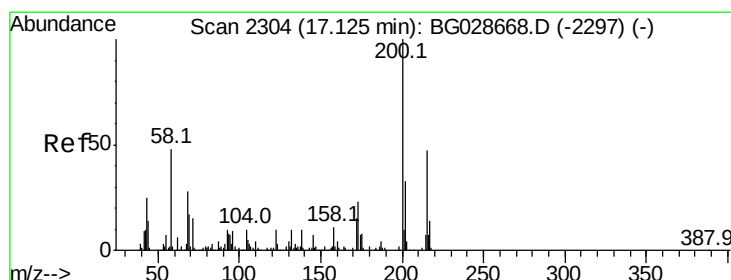
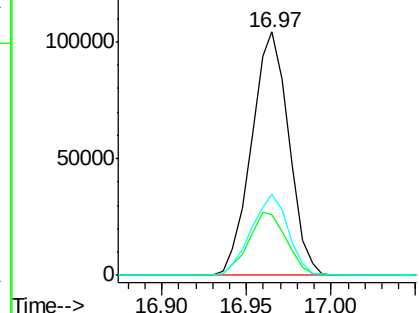
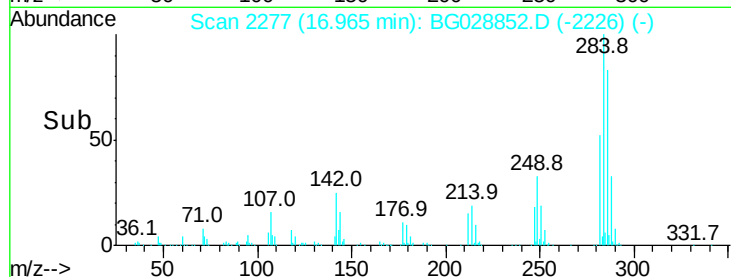
#67
Hexachlorobenzene
Concen: 41.528 ng
RT: 16.97 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.1	29.9	44.9#
249	33.1	29.2	43.8

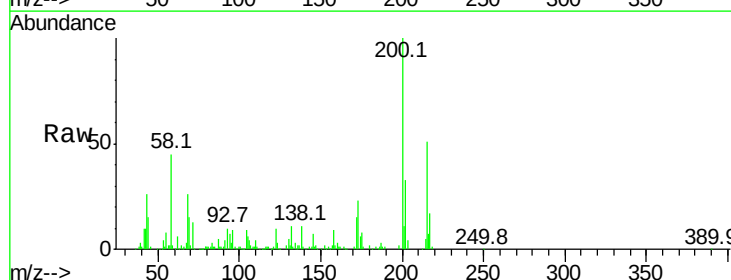


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

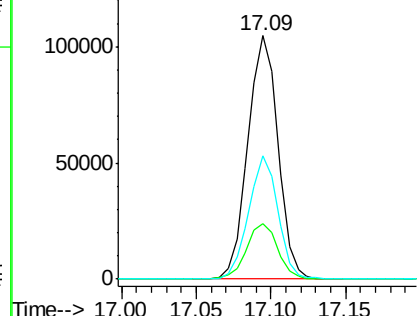
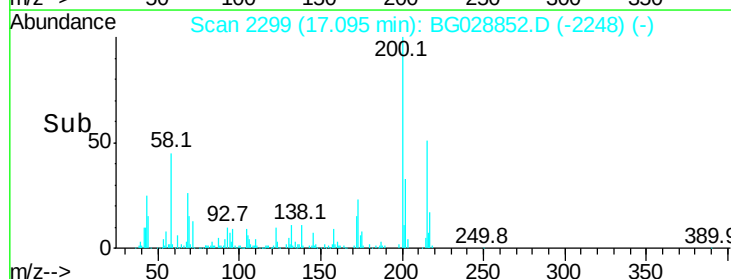


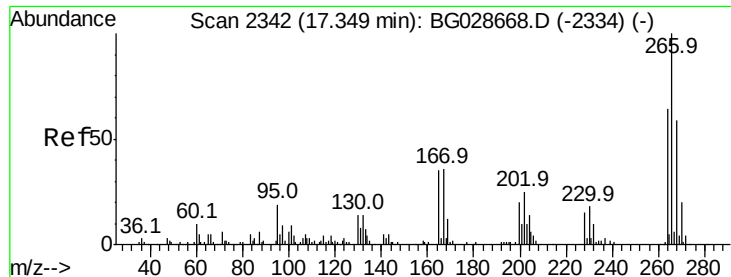
#68
Atrazine
Concen: 45.291 ng
RT: 17.09 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	3.0	43.0
215	50.7	28.4	68.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

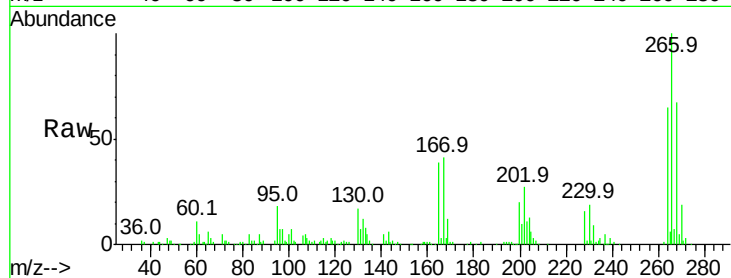




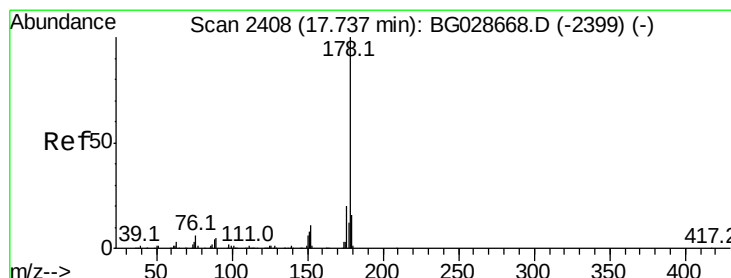
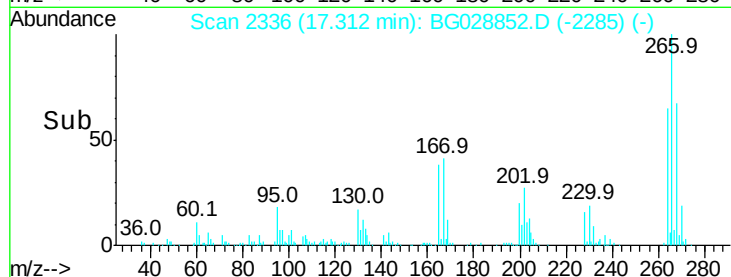
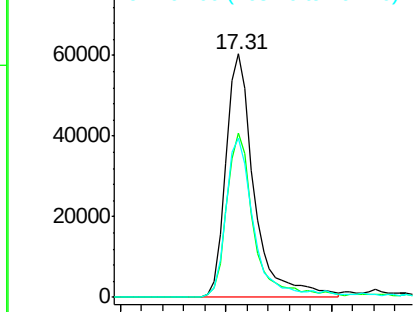
#69
 Pentachlorophenol
 Concen: 64.932 ng
 RT: 17.31 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	48.6	72.8
264	65.3	50.1	75.1

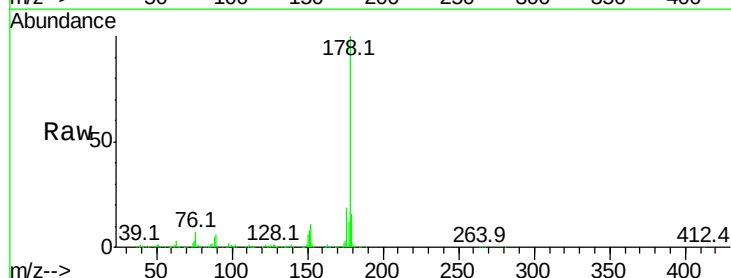


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

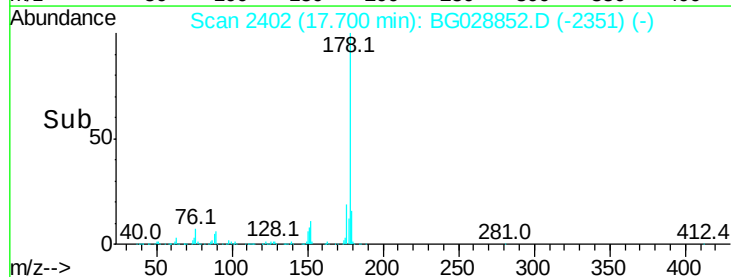
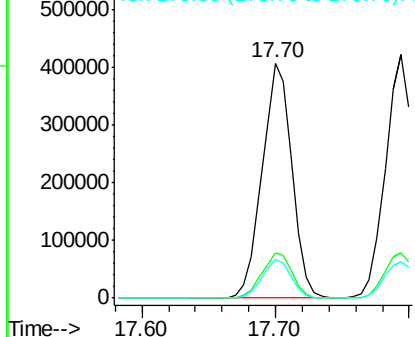


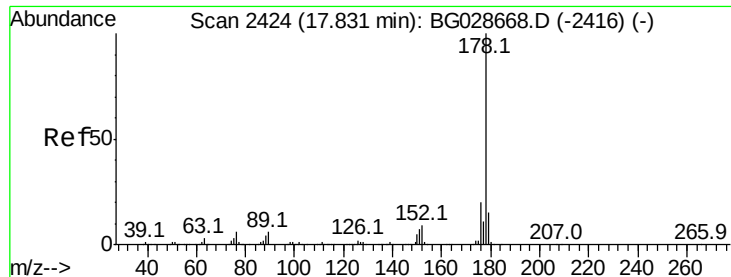
#70
 Phenanthrene
 Concen: 46.637 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.7	26.5
179	16.4	15.0	22.6



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

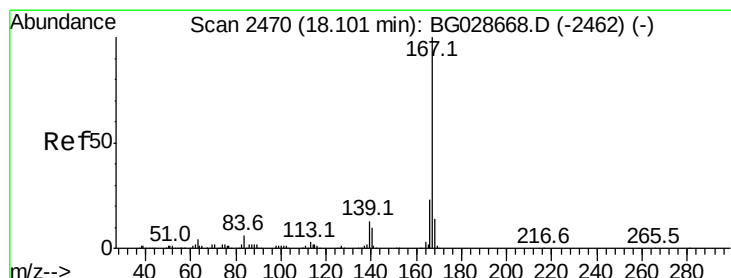
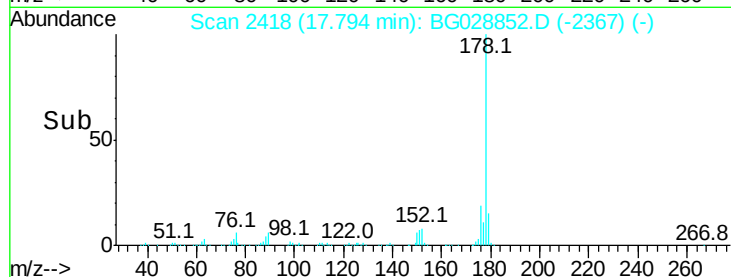
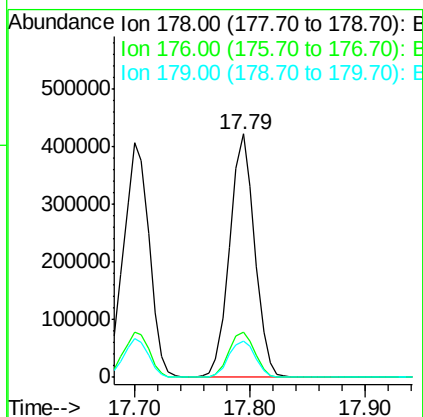
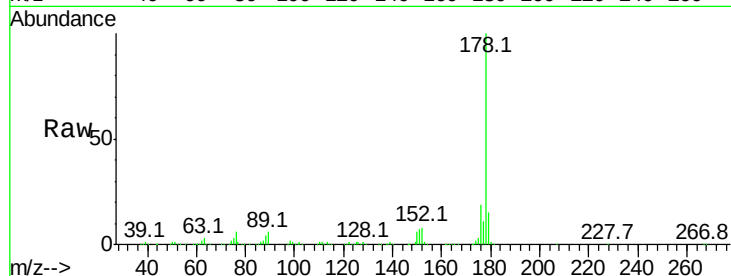




#71
 Anthracene
 Concen: 46.750 ng
 RT: 17.79 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

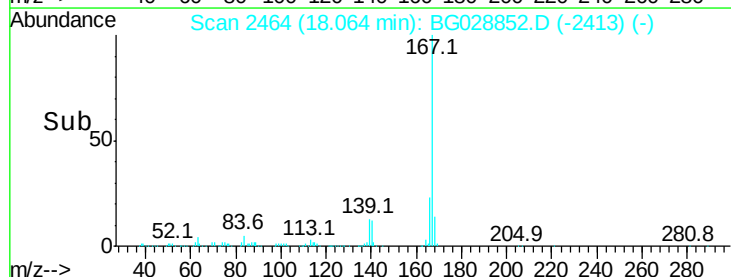
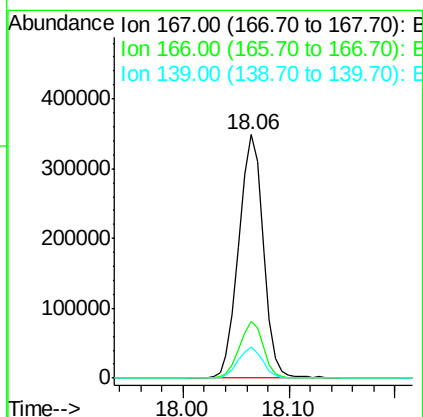
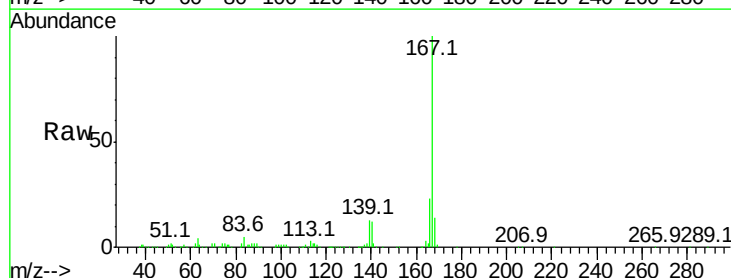
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

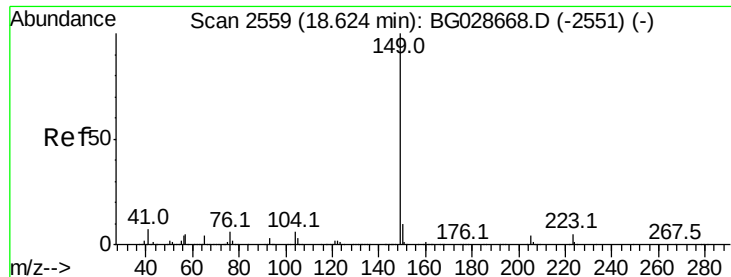
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.1	13.8	20.8



#72
 Carbazole
 Concen: 46.019 ng
 RT: 18.06 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	20.2	30.2
139	12.7	12.8	19.2#

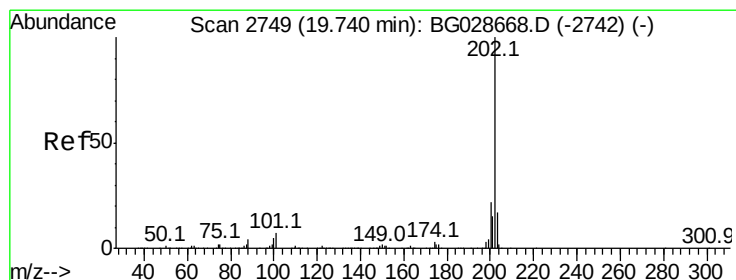
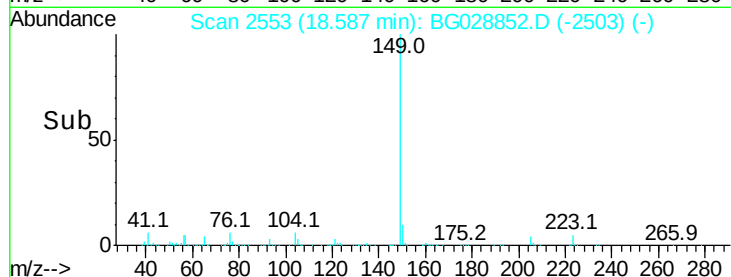
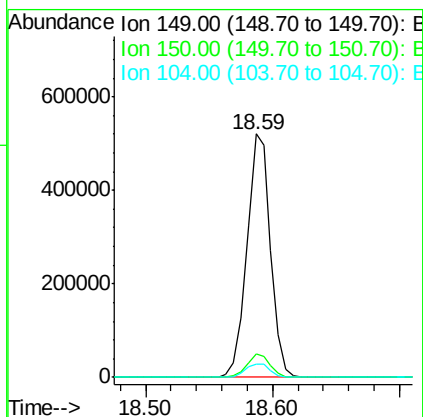
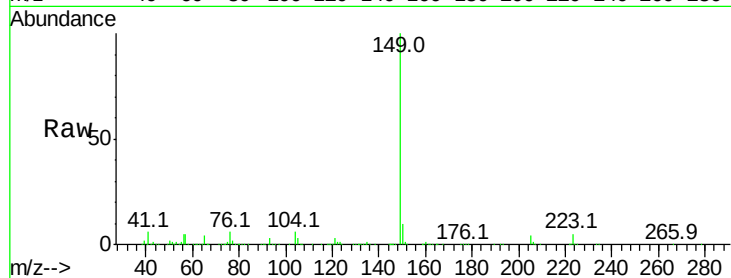




#73
Di-n-butylphthalate
Concen: 44.660 ng
RT: 18.59 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

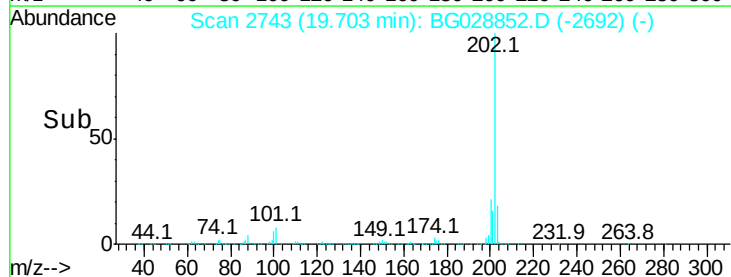
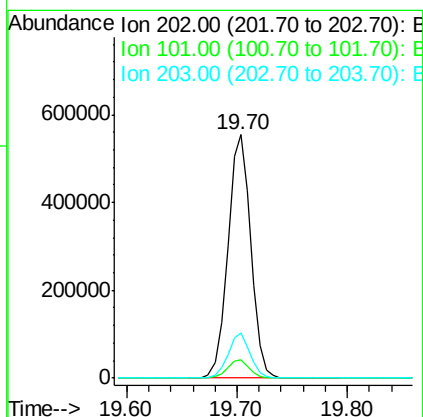
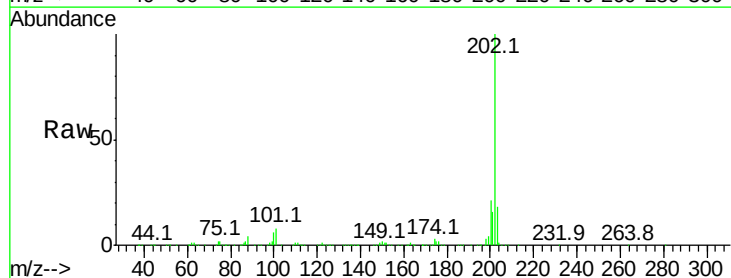
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

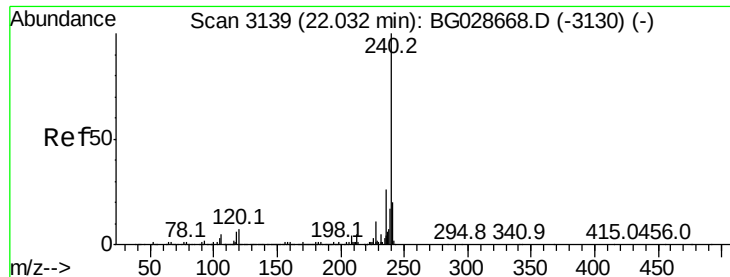
Tot Ion:149 Resp: 667412
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 5.6 6.7 10.1#



#74
Fluoranthene
Concen: 49.045 ng
RT: 19.70 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion:202 Resp: 802246
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.1
203 18.4 1.3 41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

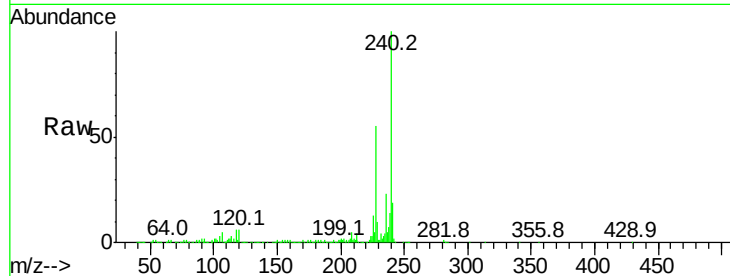
Tot Ion:240 Resp: 315451

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

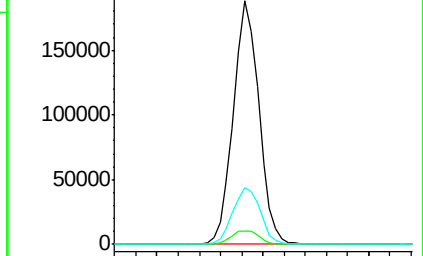
236 23.3 22.2 33.4



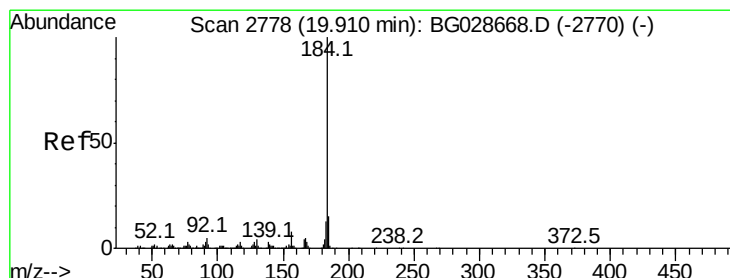
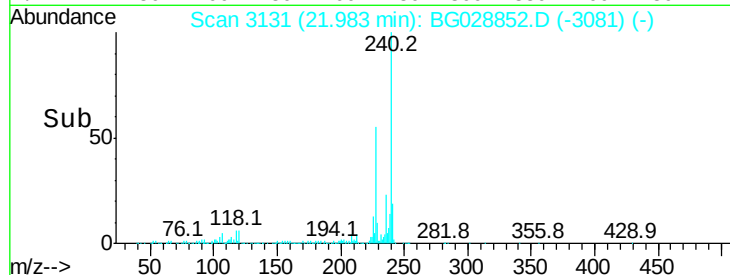
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 16.316 ng

RT: 19.88 min Scan# 2773

Delta R.T. 0.01 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

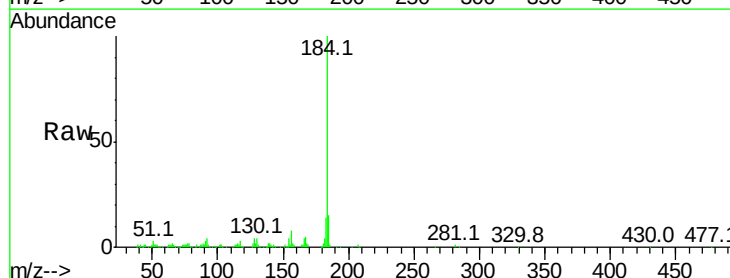
Tgt Ion:184 Resp: 133473

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

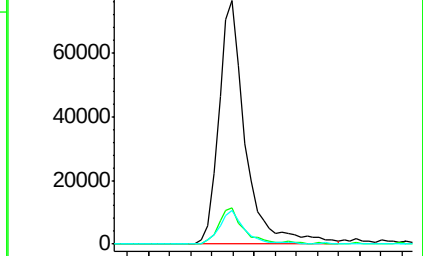
183 14.0 11.0 16.6



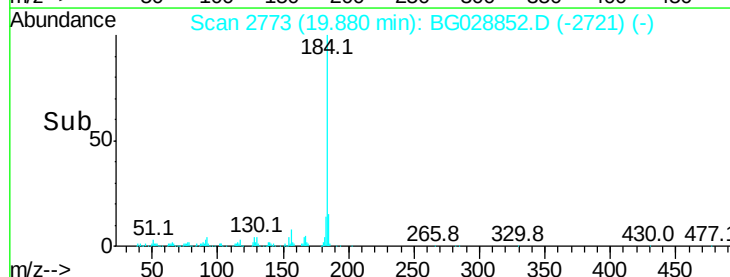
Abundance Ion 184.00 (183.70 to 184.70): E

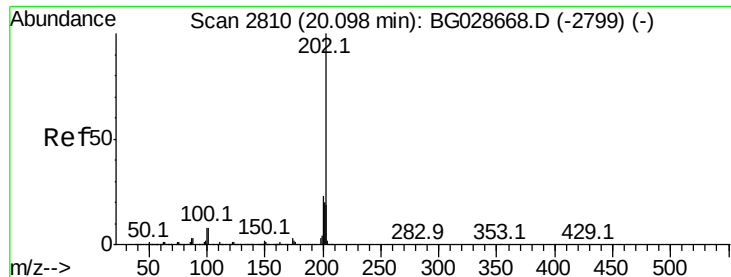
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 44.737 ng

RT: 20.06 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

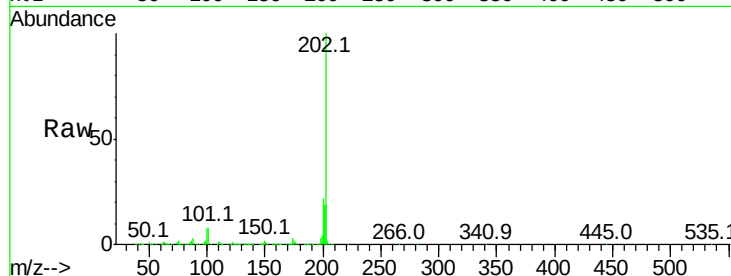
BNA_G

ClientSampleId :

72-12000-R4-COMPMS

Tot Ion:202 Resp: 813997

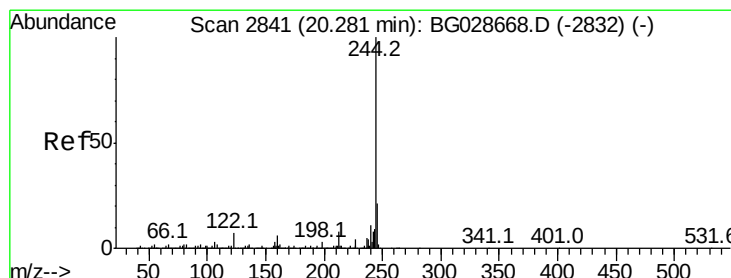
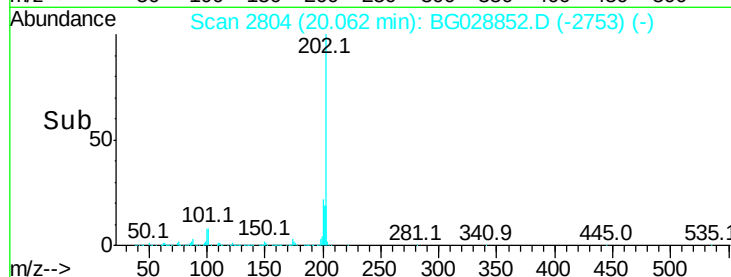
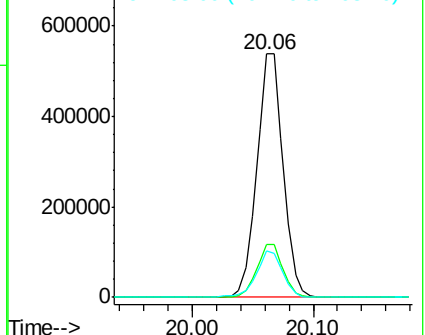
Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.6	29.4
203	19.2	15.8	23.8



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: 86.509 ng

RT: 20.24 min Scan# 2835

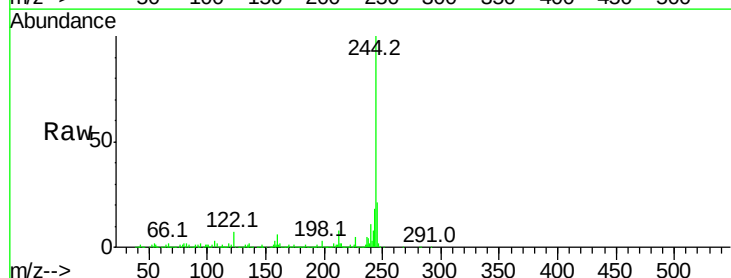
Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Tgt Ion:244 Resp: 1279649

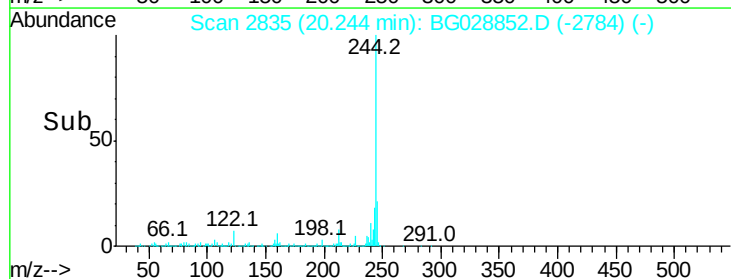
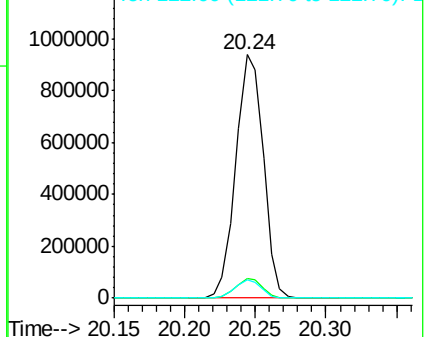
Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.5	8.6	12.8#

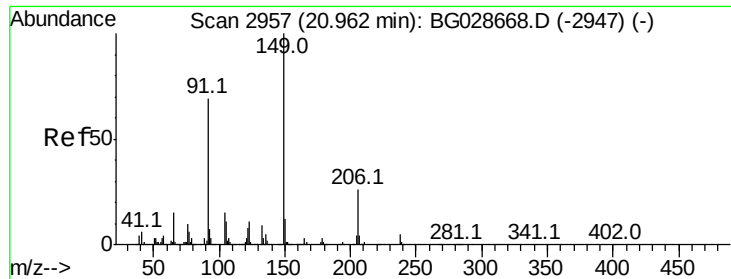


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.639 ng

RT: 20.93 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

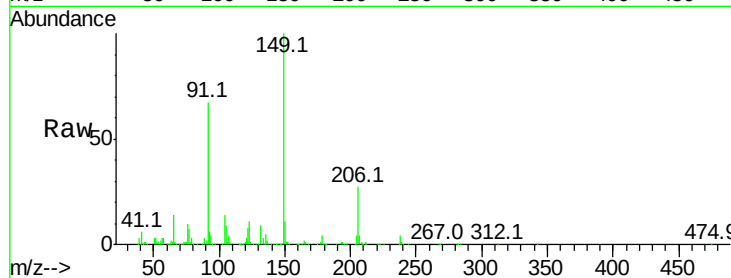
Tot Ion:149 Resp: 313335

Ion Ratio Lower Upper

149 100

91 67.2 63.5 95.3

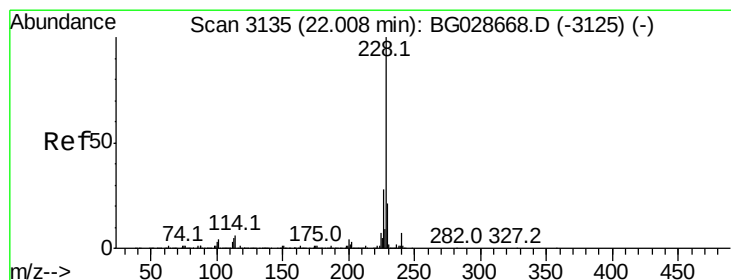
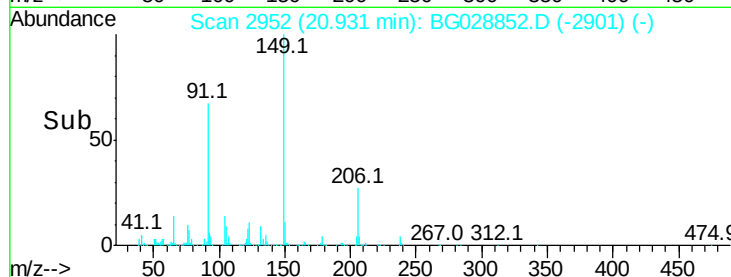
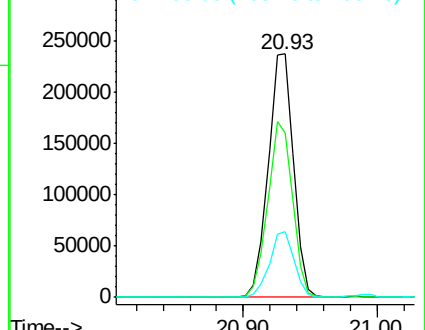
206 27.0 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.207 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

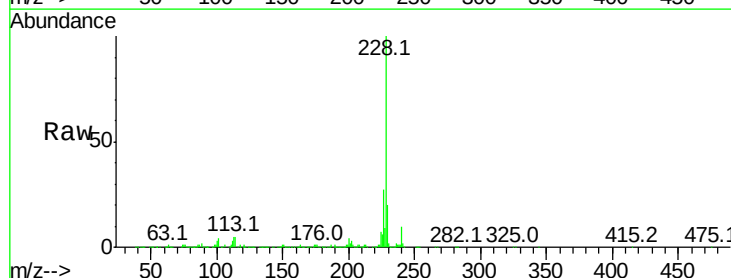
Tgt Ion:228 Resp: 858400

Ion Ratio Lower Upper

228 100

226 26.6 24.9 37.3

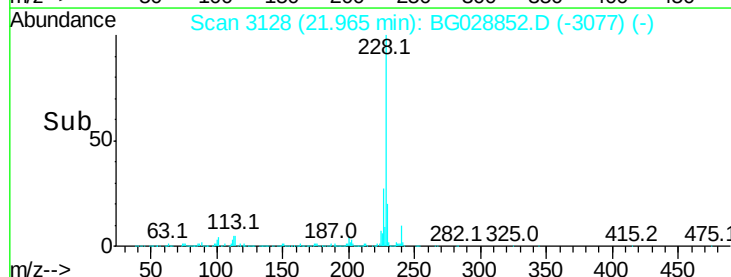
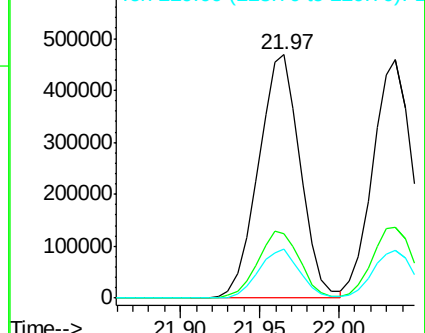
229 20.2 18.2 27.2

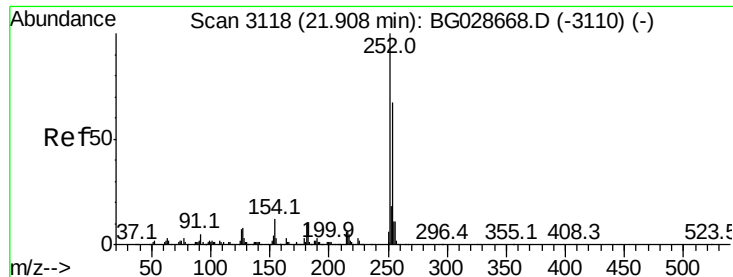


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

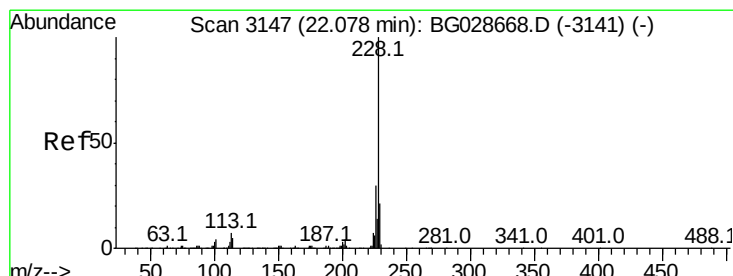
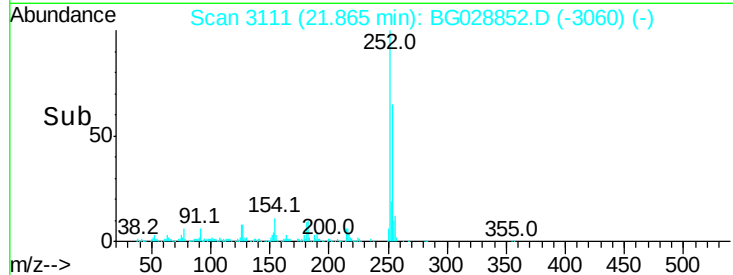
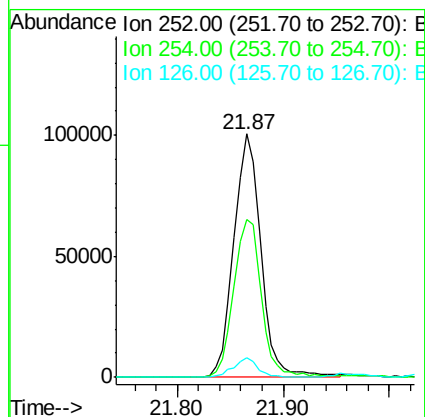
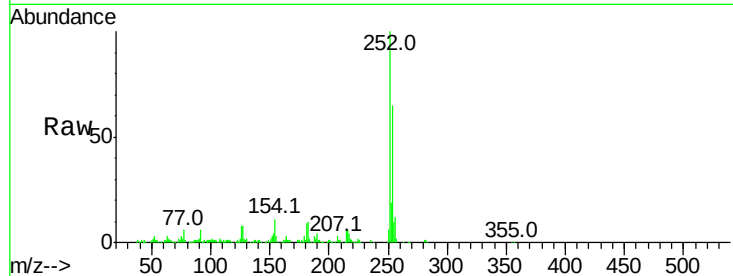




#81
 3,3'-Dichlorobenzidine
 Concen: 23.204 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

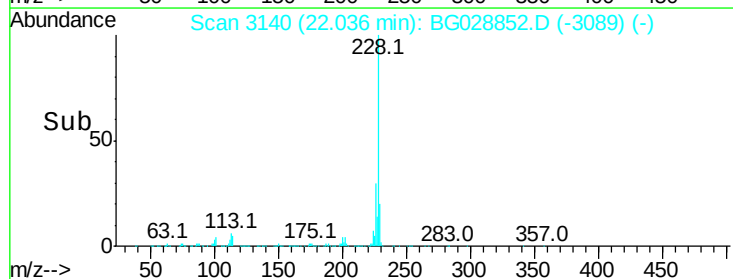
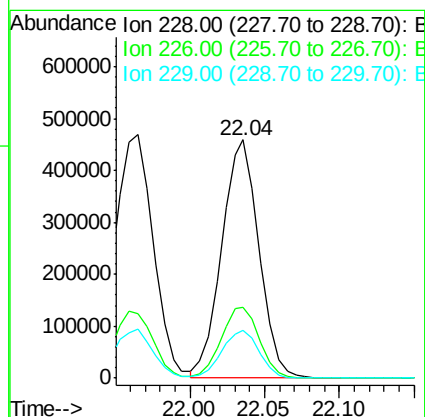
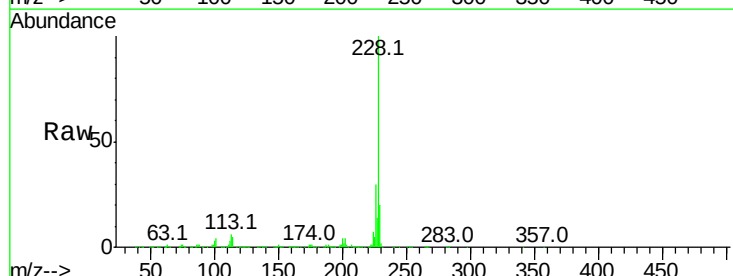
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

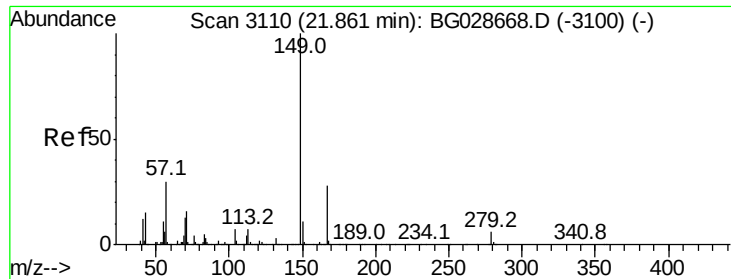
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	7.9	7.0	10.4



#82
 Chrysene
 Concen: 44.189 ng
 RT: 22.04 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	27.0	40.4
229	20.3	17.8	26.6

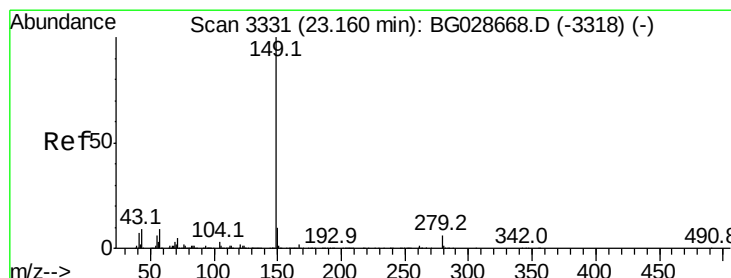
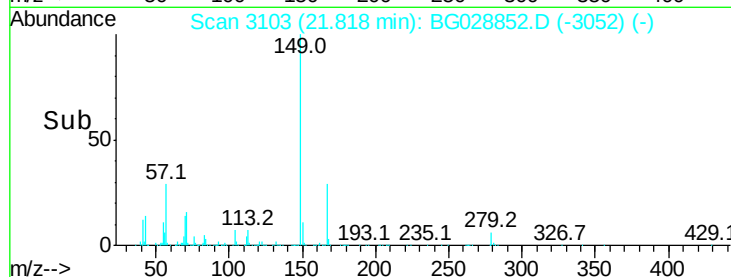
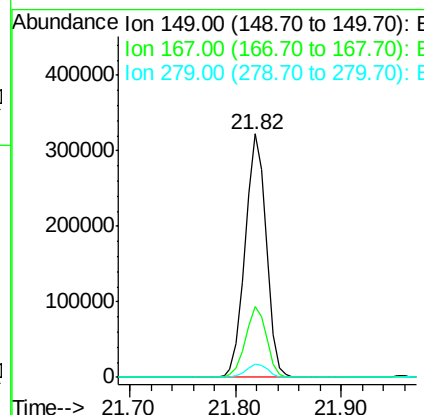
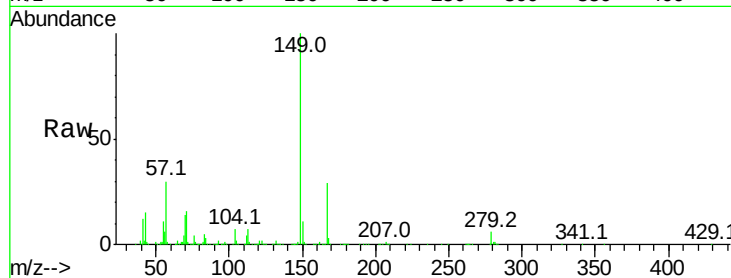




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.313 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

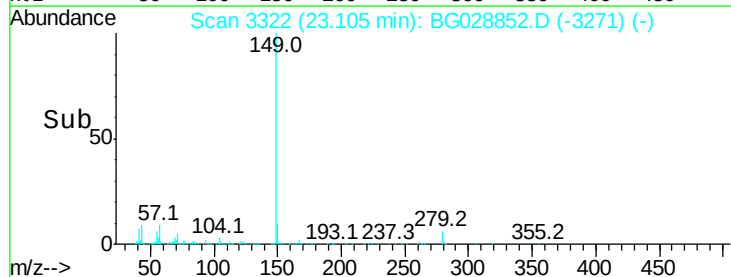
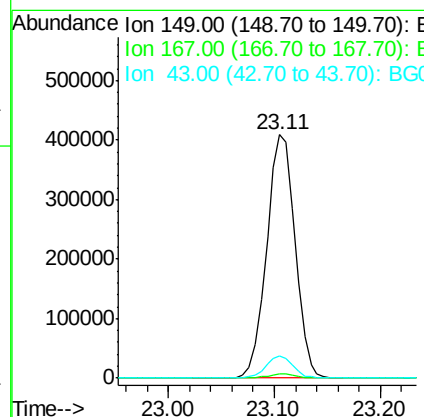
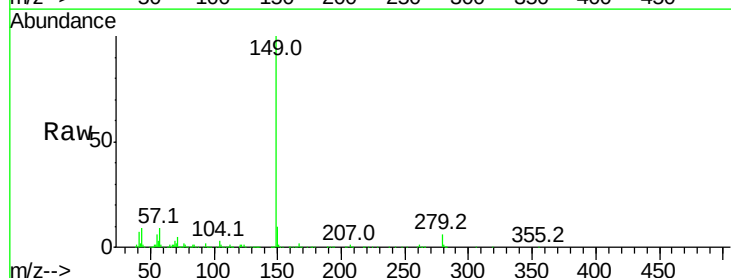
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

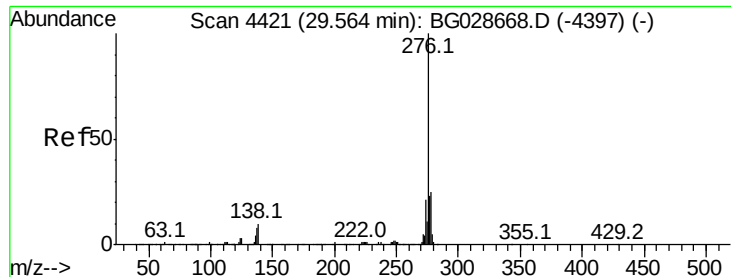
Tot Ion:149 Resp: 442044
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.7 35.5
 279 5.7 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 41.703 ng
 RT: 23.11 min Scan# 3322
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion:149 Resp: 761193
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 8.7 11.8 17.6#

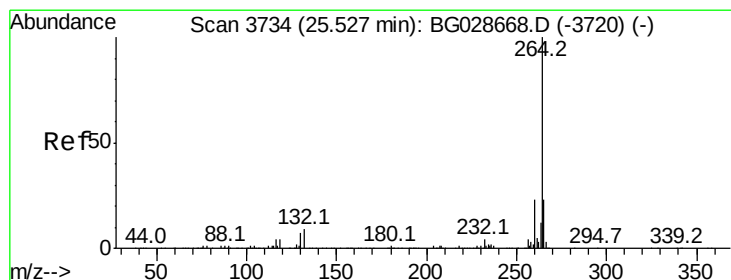
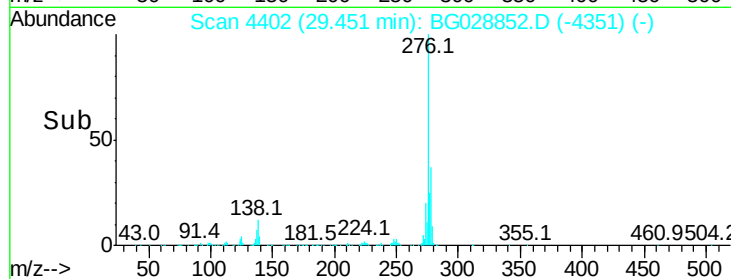
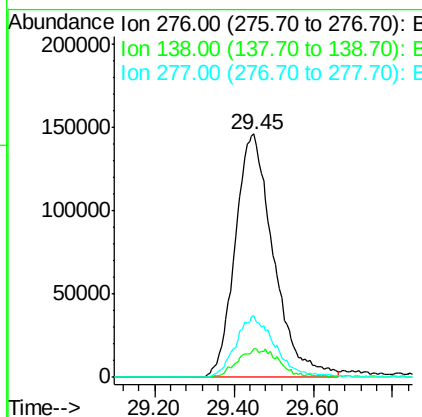
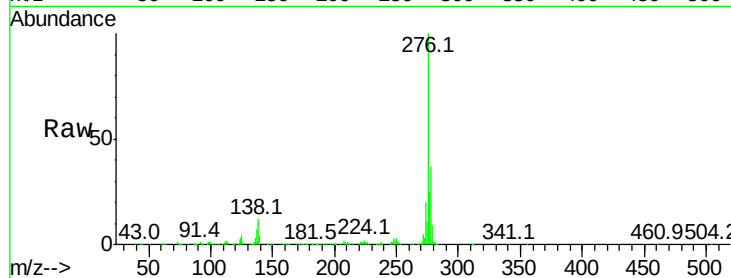




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.408 ng
 RT: 29.45 min Scan# 4402
 Delta R.T. -0.00 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

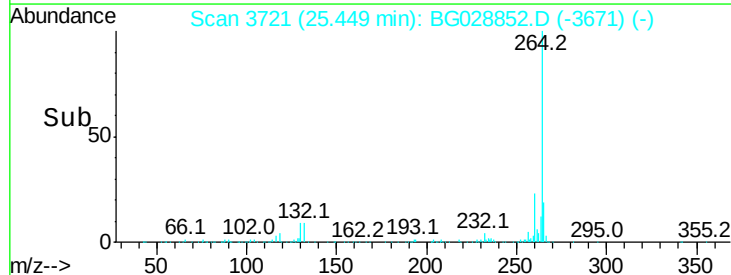
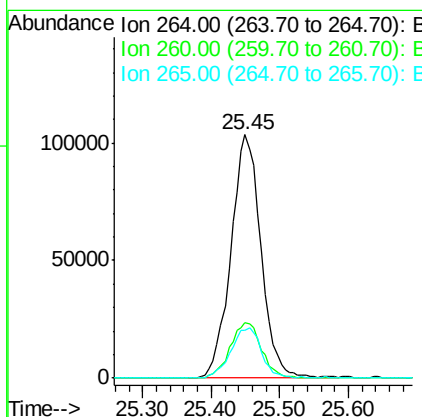
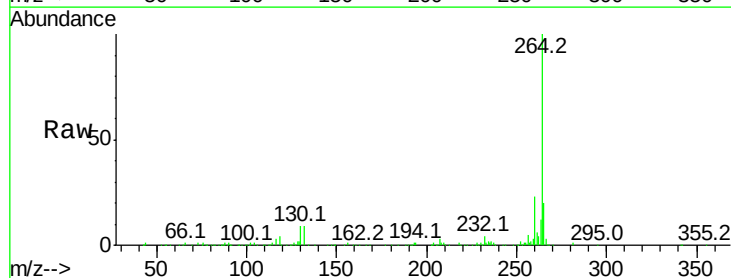
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMS

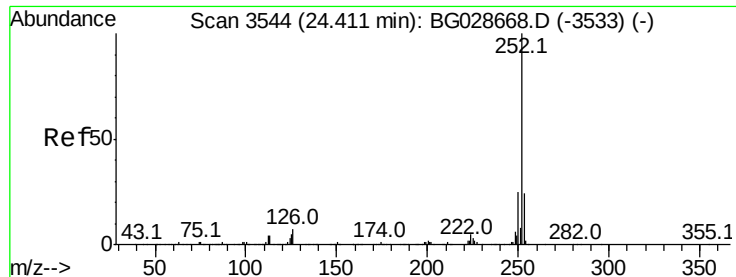
Tot Ion:276 Resp: 981679
 Ion Ratio Lower Upper
 276 100
 138 7.1 4.7 7.1#
 277 25.5 20.6 31.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.01 min
 Lab File: BG028852.D
 Acq: 21 Sep 2017 11:05

Tgt Ion:264 Resp: 313527
 Ion Ratio Lower Upper
 264 100
 260 22.6 21.8 32.8
 265 19.5 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 46.183 ng

RT: 24.34 min Scan# 3533

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

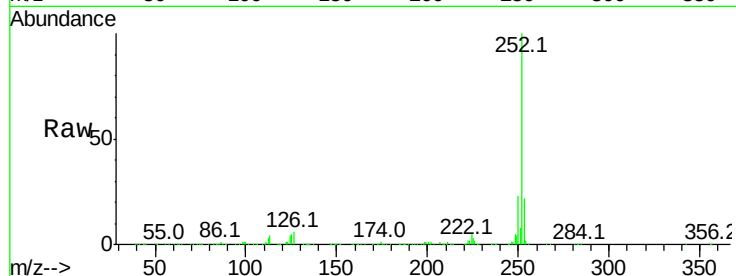
Tot Ion:252 Resp: 867511

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

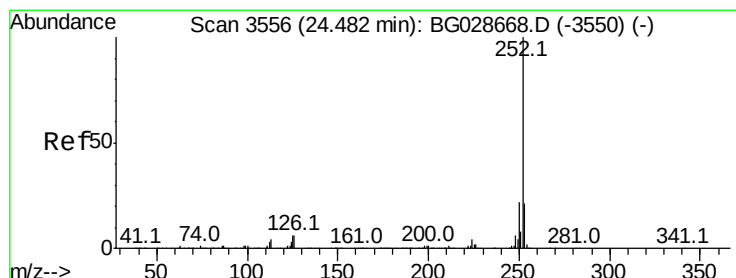
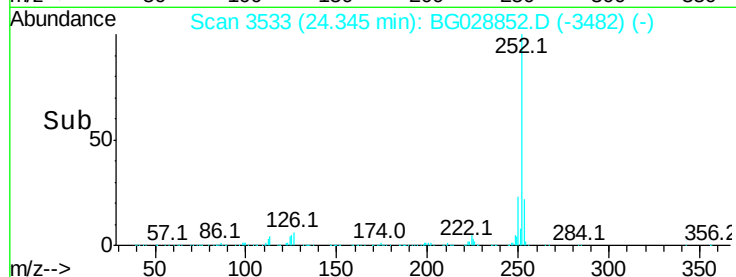
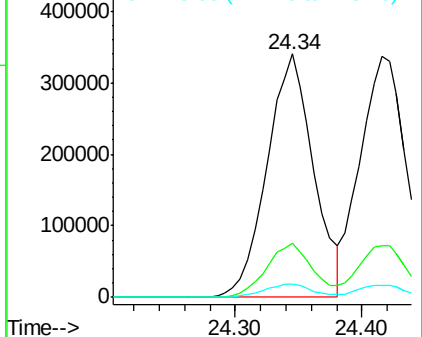
125 5.3 5.3 7.9#



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: 45.000 ng

RT: 24.42 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

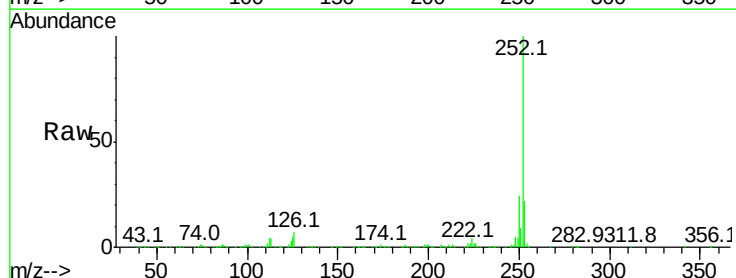
Tgt Ion:252 Resp: 844342

Ion Ratio Lower Upper

252 100

253 21.6 20.2 30.2

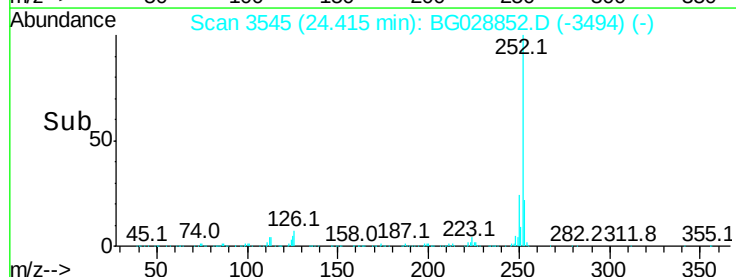
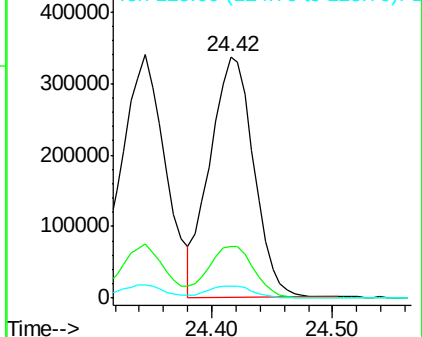
125 5.2 5.1 7.7

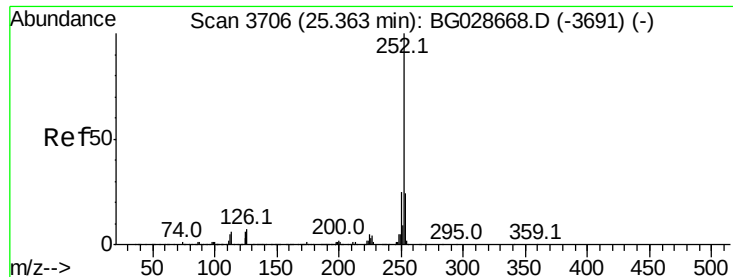


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

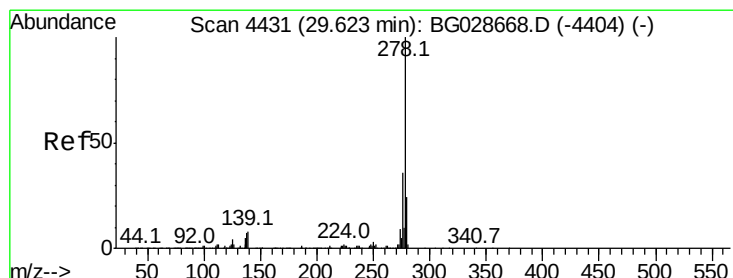
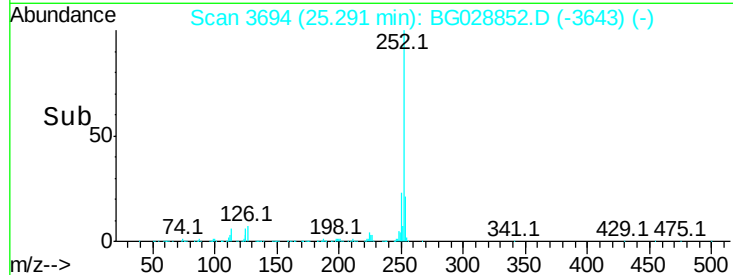
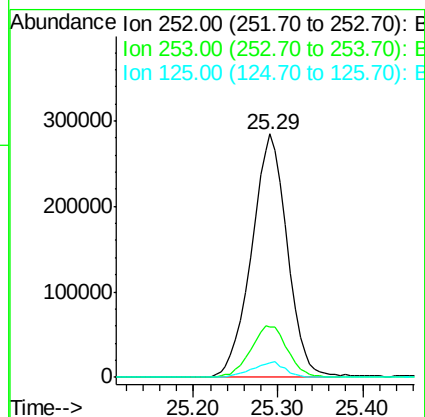
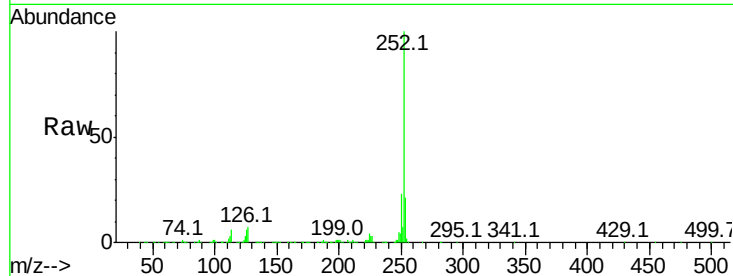




#89
Benzo(a)pyrene
Concen: 46.878 ng
RT: 25.29 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

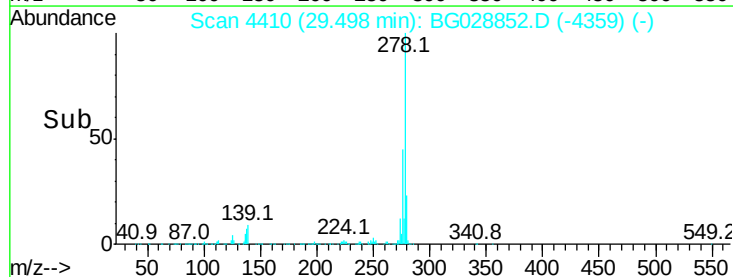
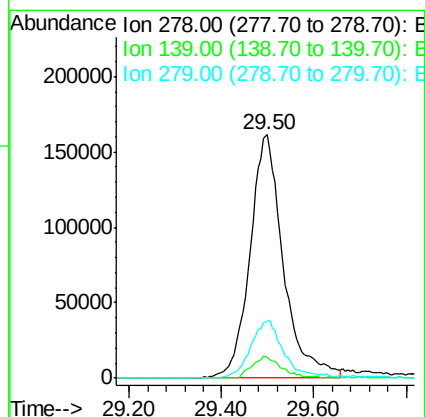
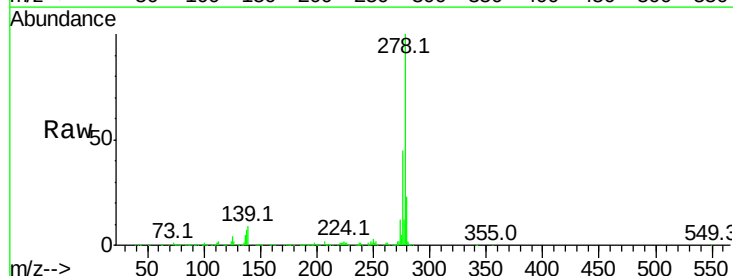
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMS

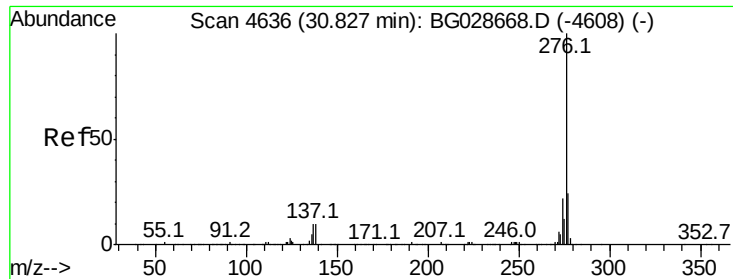
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.2	28.8
125	6.0	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 43.533 ng
RT: 29.50 min Scan# 4410
Delta R.T. -0.00 min
Lab File: BG028852.D
Acq: 21 Sep 2017 11:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.7	11.5
279	23.1	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 42.926 ng

RT: 30.68 min Scan# 4612

Delta R.T. -0.00 min

Lab File: BG028852.D

Acq: 21 Sep 2017 11:05

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMS

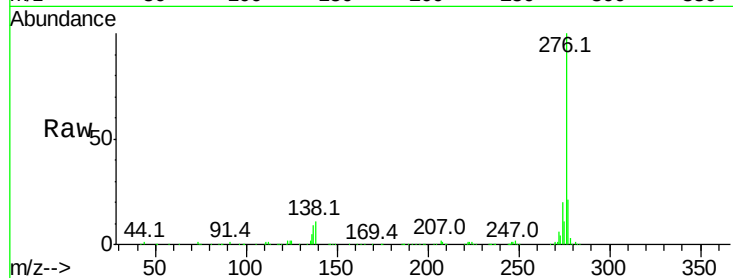
Tot Ion:276 Resp: 778578

Ion Ratio Lower Upper

276 100

277 21.4 18.6 27.8

138 10.8 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

