

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028993.D
 Acq On : 1 Oct 2017 00:03
 Operator : SJ/JU
 Sample : I5509-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 02:24:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	33370	20.00	ng	-0.08
21) Naphthalene-d8	11.08	136	136129	20.00	ng	-0.07
38) Acenaphthene-d10	14.88	164	104083	20.00	ng	-0.07
63) Phenanthrene-d10	17.63	188	282955	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	323346	20.00	ng	-0.09
86) Perylene-d12	25.37	264	329118	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.82	112	276089	136.52	ng	-0.08
7) Phenol-d6	7.42	99	375020	123.16	ng	-0.07
23) Nitrobenzene-d5	9.42	82	263308	92.53	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	276089	160.38	ng	-0.07
44) 2-Fluorobiphenyl	13.50	172	704265	90.22	ng	-0.07
78) Terphenyl-d14	20.21	244	1361050	89.77	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.75	88	25478	31.110	ng	95
3) Pyridine	4.15	79	53331	22.828	ng	# 91
4) n-Nitrosodimethylamine	4.05	42	41780	39.315	ng	# 75
6) Aniline	7.59	93	28419	8.020	ng	# 89
8) 2-Chlorophenol	7.82	128	88915	39.439	ng	91
9) Benzaldehyde	7.39	77	28866	15.280	ng	90
10) Phenol	7.44	94	115593	35.971	ng	91
11) bis(2-Chloroethyl)ether	7.67	93	85756	37.170	ng	90
12) 1,3-Dichlorobenzene	8.14	146	89354	36.807	ng	91
13) 1,4-Dichlorobenzene	8.29	146	91571	36.683	ng	94
14) 1,2-Dichlorobenzene	8.61	146	93091	37.747	ng	95
15) Benzyl Alcohol	8.49	79	93892	39.501	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.77	45	156435	37.308	ng	98
17) 2-Methylphenol	8.70	107	83943	39.975	ng	94
18) Hexachloroethane	9.34	117	33749	36.888	ng	88
19) n-Nitroso-di-n-propylamine	9.05	70	77963	36.119	ng	90
20) 3+4-Methylphenols	9.03	107	116067	39.517	ng	92
22) Acetophenone	9.08	105	150513	37.814	ng	# 89
24) Nitrobenzene	9.47	77	121352	38.511	ng	91
25) Isophorone	9.98	82	235066	40.825	ng	# 98
26) 2-Nitrophenol	10.18	139	50314	37.517	ng	# 88
27) 2,4-Dimethylphenol	10.23	122	98345	40.118	ng	96
28) bis(2-Chloroethoxy)methane	10.46	93	122896	39.304	ng	91
29) 2,4-Dichlorophenol	10.72	162	103368	42.380	ng	97
30) 1,2,4-Trichlorobenzene	10.93	180	105404	37.881	ng	95
31) Naphthalene	11.12	128	285347	40.134	ng	97
32) Benzoic acid	10.38	122	38565	25.429	ng	92
34) Hexachlorobutadiene	11.40	225	75337	36.760	ng	96
35) Caprolactam	12.02	113	19297	22.063	ng	# 87
36) 4-Chloro-3-methylphenol	12.35	107	135150	42.577	ng	96
37) 2-Methylnaphthalene	12.71	142	230816	43.483	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	147448	34.454	ng	# 97
40) Hexachlorocyclopentadiene	13.05	237	129839	78.278	ng	96
42) 2,4,6-Trichlorophenol	13.31	196	105735	38.928	ng	97

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

43) 2,4,5-Trichlorophenol	13.40	196	117197	42.940	ng	# 93
45) 1,1'-Biphenyl	13.71	154	318600	36.970	ng	98
46) 2-Chloronaphthalene	13.75	162	244058	38.828	ng	99
47) 2-Nitroaniline	13.97	65	99876	42.755	ng	91
48) Acenaphthylene	14.60	152	410352	40.864	ng	96
49) Dimethylphthalate	14.32	163	370716	42.475	ng	98
50) 2,6-Dinitrotoluene	14.45	165	85193	43.867	ng	# 78
51) Acenaphthene	14.94	154	249079	40.831	ng	96
52) 3-Nitroaniline	14.79	138	12383	7.210	ng	# 76
53) 2,4-Dinitrophenol	15.01	184	54440	55.880	ng	91
54) Dibenzofuran	15.28	168	430673	44.271	ng	93
55) 4-Nitrophenol	15.10	139	108454	86.193	ng	# 77
56) 2,4-Dinitrotoluene	15.24	165	122153	44.733	ng	# 90
57) Fluorene	15.92	166	372405	42.880	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.51	232	117951	49.035	ng	95
59) Diethylphthalate	15.68	149	381250	42.506	ng	98
60) 4-Chlorophenyl-phenylether	15.91	204	216672	43.813	ng	88
61) 4-Nitroaniline	15.95	138	68802	37.815	ng	# 85
62) Azobenzene	16.20	77	350379	46.448	ng	91
64) 4,6-Dinitro-2-methylphenol	16.01	198	53895	29.518	ng	90
65) n-Nitrosodiphenylamine	16.12	169	320740	39.542	ng	100
66) 4-Bromophenyl-phenylether	16.80	248	152374	41.851	ng	92
67) Hexachlorobenzene	16.93	284	154065	37.179	ng	# 92
68) Atrazine	17.06	200	100979	28.994	ng	96
69) Pentachlorophenol	17.28	266	137445	73.411	ng	93
70) Phenanthrene	17.67	178	617091	42.647	ng	94
71) Anthracene	17.76	178	623351	42.646	ng	97
72) Carbazole	18.03	167	532703	40.465	ng	93
73) Di-n-butylphthalate	18.56	149	657043	40.705	ng	# 93
74) Fluoranthene	19.67	202	767111	43.419	ng	92
77) Pyrene	20.04	202	791861	42.457	ng	95
79) Butylbenzylphthalate	20.89	149	313751	41.653	ng	93
80) Benzo(a)anthracene	21.92	228	848643	43.602	ng	95
81) 3,3'-Dichlorobenzidine	21.83	252	60869	7.714	ng	96
82) Chrysene	21.99	228	788713	42.709	ng	94
83) Bis(2-ethylhexyl)phthalate	21.78	149	444815	41.538	ng	99
84) Di-n-octyl phthalate	23.06	149	753412	40.268	ng	# 90
85) Indeno(1,2,3-cd)pyrene	29.32	276	1014786	42.768	ng	99
87) Benzo(b)fluoranthene	24.28	252	848186	43.015	ng	98
88) Benzo(k)fluoranthene	24.35	252	819743	41.620	ng	95
89) Benzo(a)pyrene	25.21	252	828607	44.272	ng	# 94
90) Dibenzo(a,h)anthracene	29.37	278	858893	44.016	ng	98
91) Benzo(g,h,i)perylene	30.56	276	832253	43.712	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.25 min Scan# 793

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

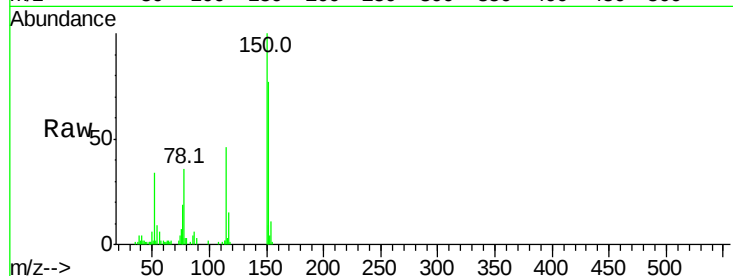
Tot Ion:152 Resp: 33370

Ion Ratio Lower Upper

152 100

150 129.5 114.0 171.0

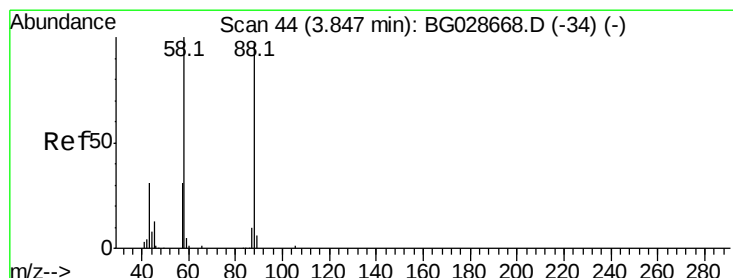
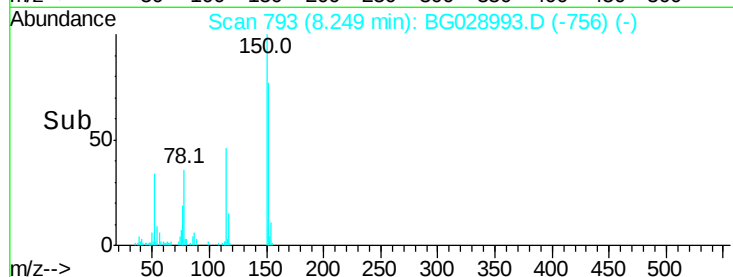
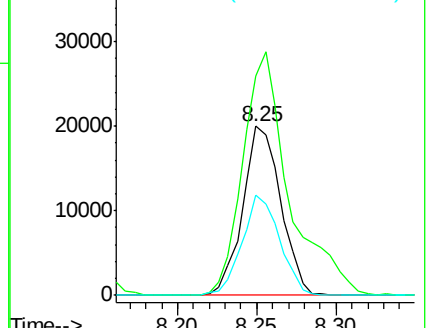
115 59.1 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.110 ng

RT: 3.75 min Scan# 27

Delta R.T. -0.10 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

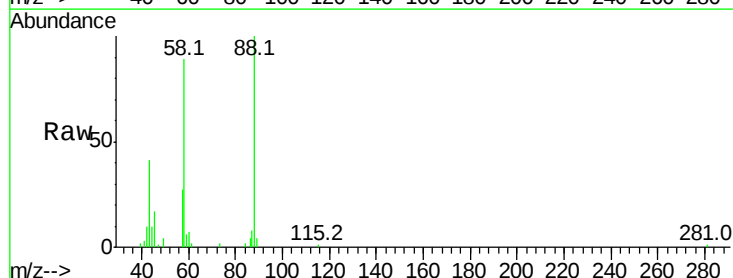
Tgt Ion: 88 Resp: 25478

Ion Ratio Lower Upper

88 100

58 101.5 79.4 119.2

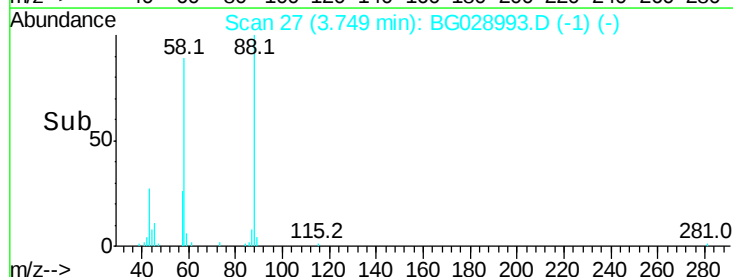
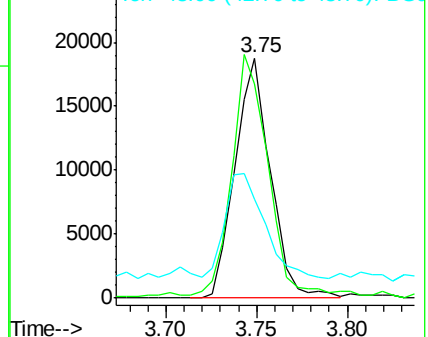
43 49.0 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.828 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.09 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

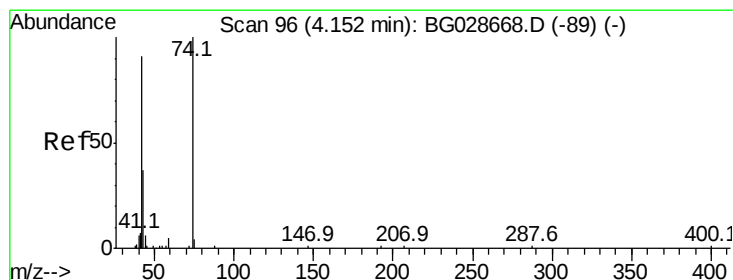
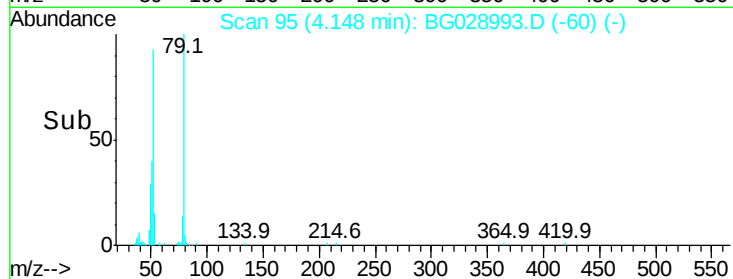
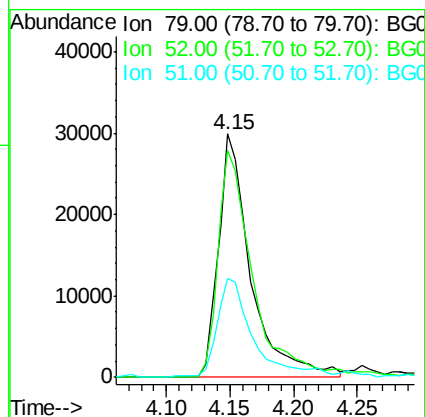
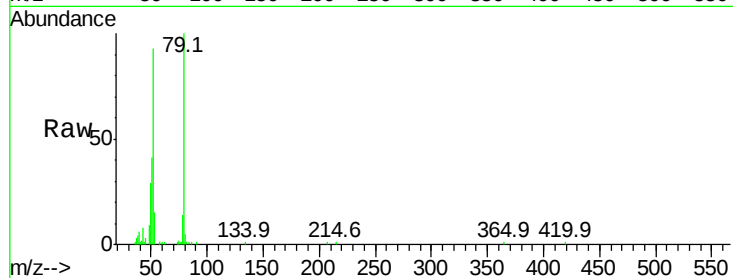
Tot Ion: 79 Resp: 53331

Ion Ratio Lower Upper

79 100

52 93.3 77.8 116.6

51 40.5 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 39.315 ng

RT: 4.05 min Scan# 78

Delta R.T. -0.10 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

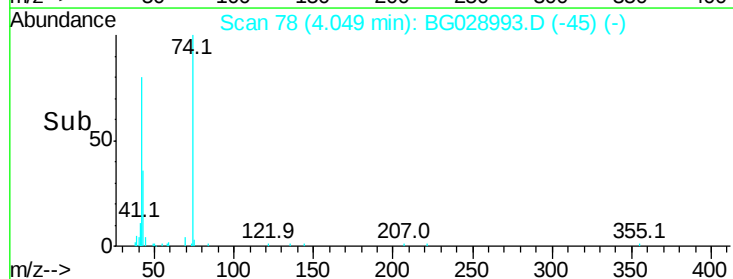
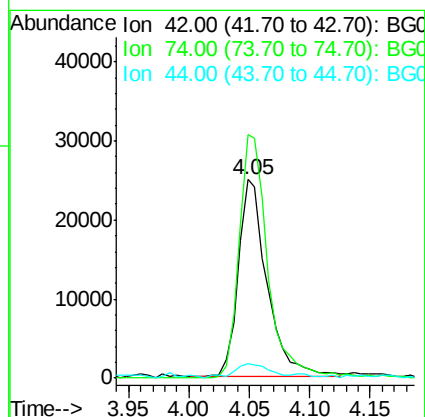
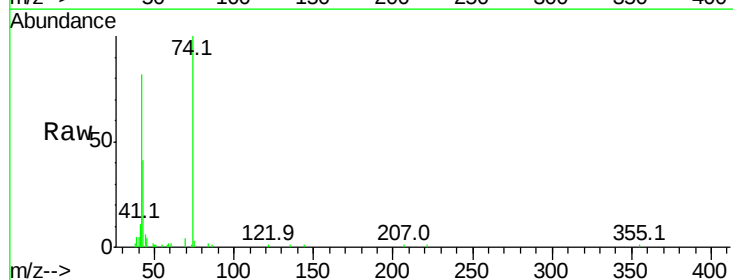
Tgt Ion: 42 Resp: 41780

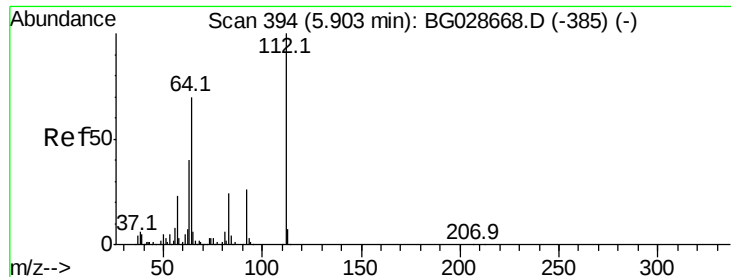
Ion Ratio Lower Upper

42 100

74 122.6 76.7 115.1#

44 7.5 6.1 9.1





#5

2-Fluorophenol

Concen: 136.518 ng

RT: 5.82 min Scan# 380

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

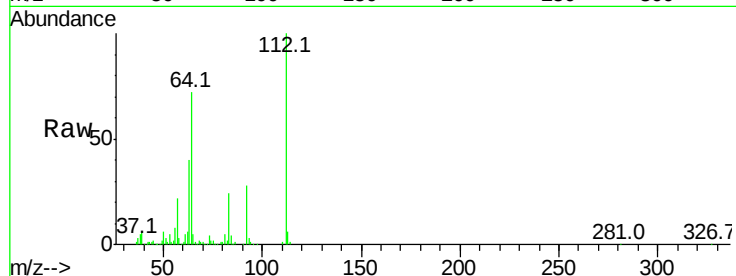
Tot Ion:112 Resp: 276089

Ion Ratio Lower Upper

112 100

64 72.2 61.8 92.6

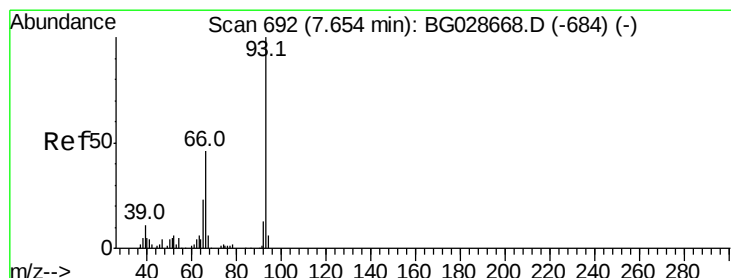
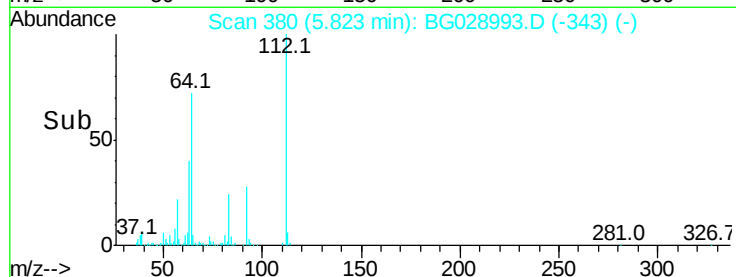
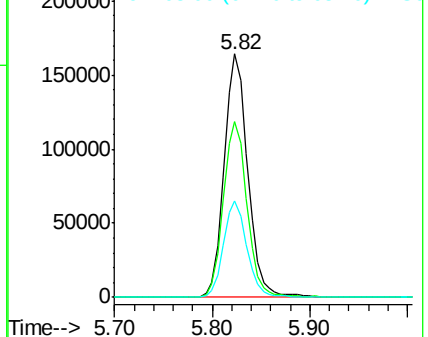
63 39.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 8.020 ng

RT: 7.59 min Scan# 681

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

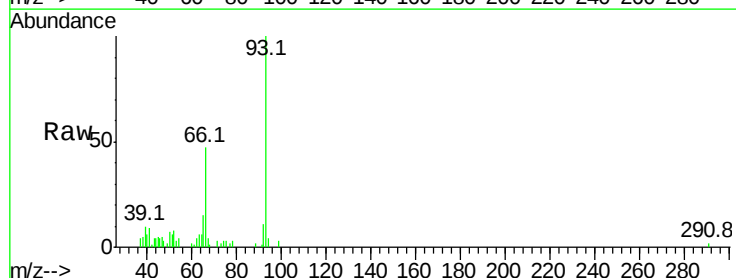
Tgt Ion: 93 Resp: 28419

Ion Ratio Lower Upper

93 100

66 47.2 35.4 53.2

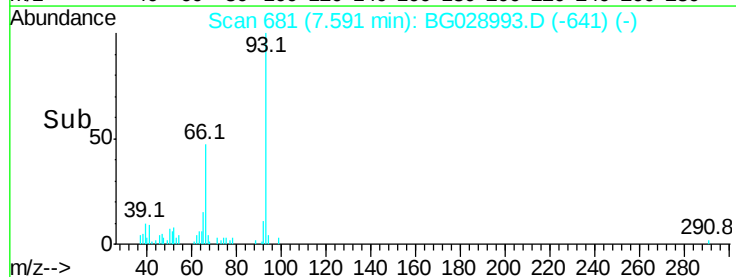
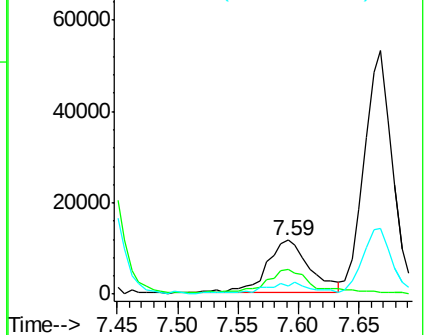
65 14.9 21.2 31.8#

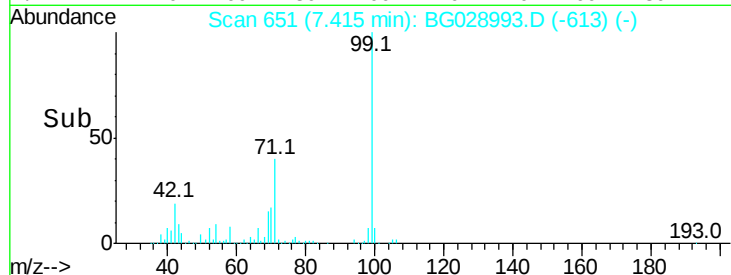
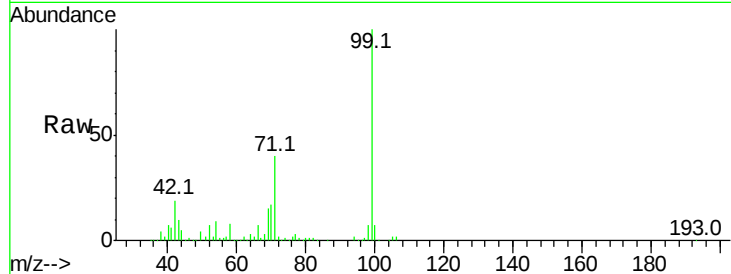
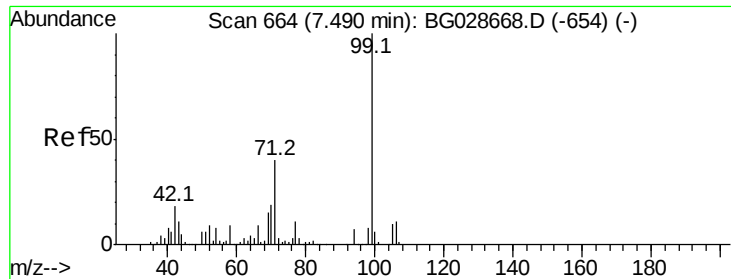


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 123.163 ng

RT: 7.42 min Scan# 651

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

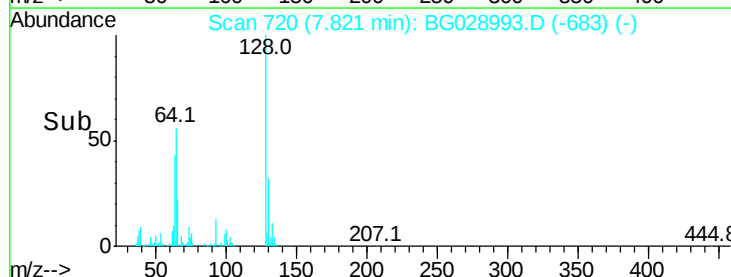
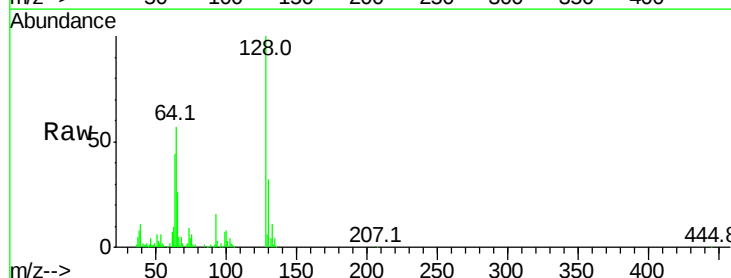
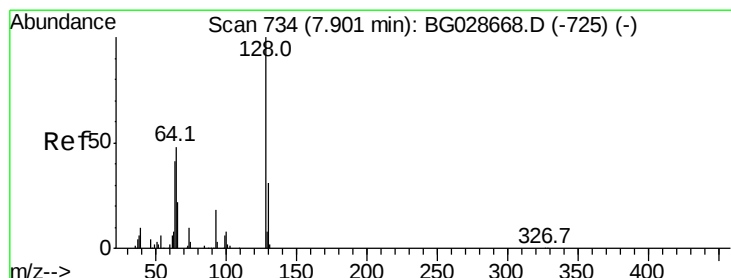
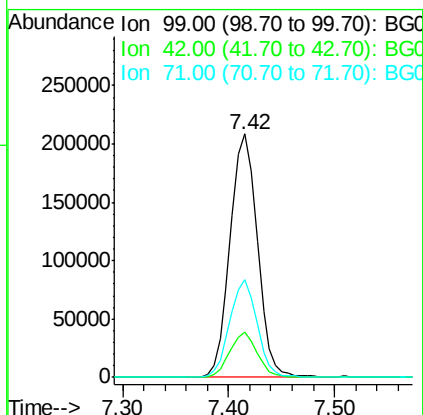
Tot Ion: 99 Resp: 375020

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

71 40.0 37.6 56.4



#8

2-Chlorophenol

Concen: 39.439 ng

RT: 7.82 min Scan# 720

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

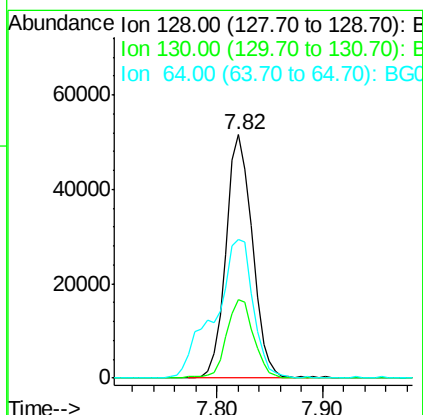
Tgt Ion:128 Resp: 88915

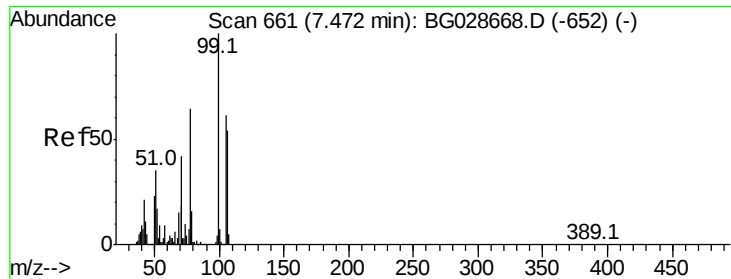
Ion Ratio Lower Upper

128 100

130 32.2 11.4 51.4

64 56.9 46.6 86.6





#9

Benzaldehyde

Concen: 15.280 ng

RT: 7.39 min Scan# 647

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

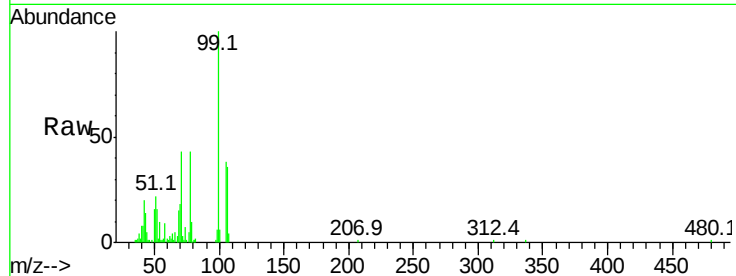
Tot Ion: 77 Resp: 28866

Ion Ratio Lower Upper

77 100

105 89.8 60.9 100.9

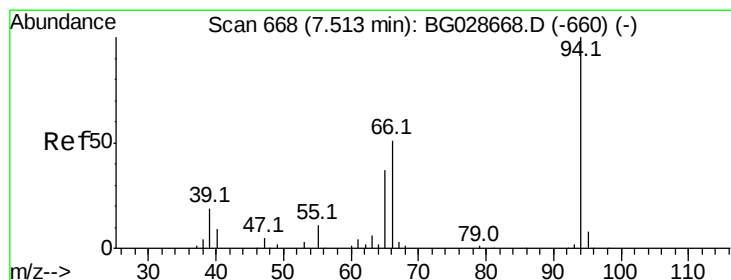
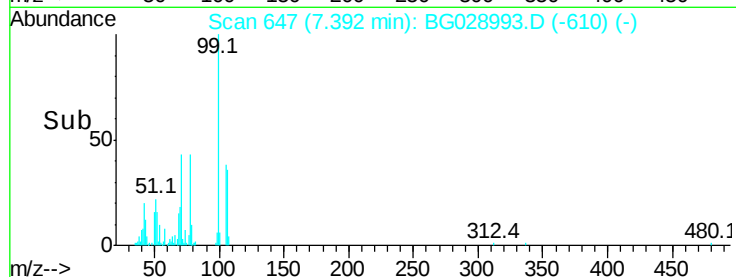
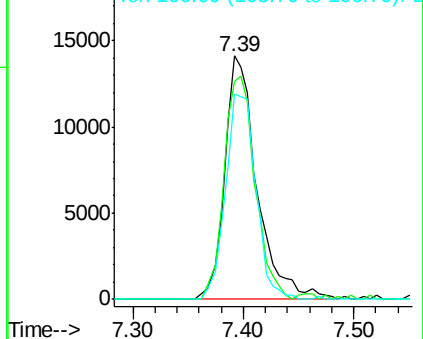
106 84.5 55.1 95.1



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: 35.971 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

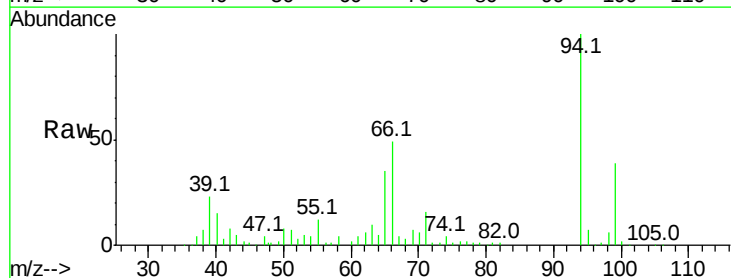
Tgt Ion: 94 Resp: 115593

Ion Ratio Lower Upper

94 100

65 34.5 20.6 60.6

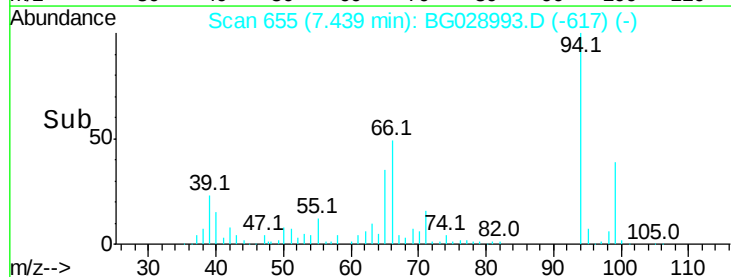
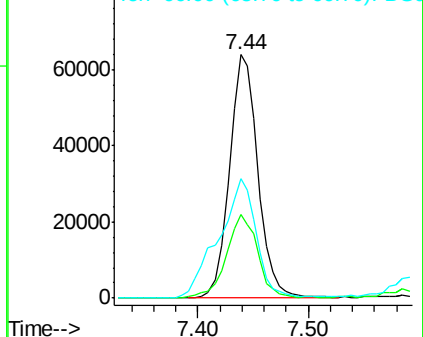
66 49.3 35.5 75.5

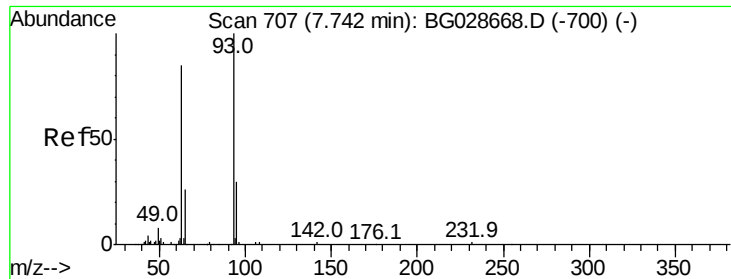


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

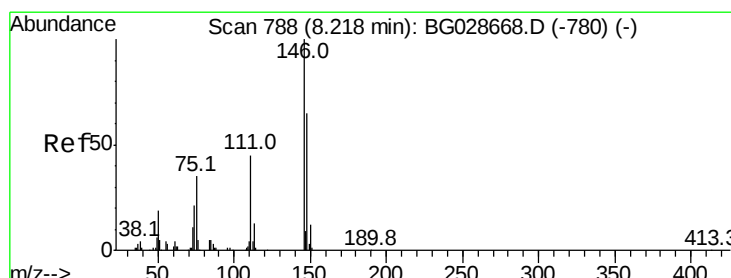
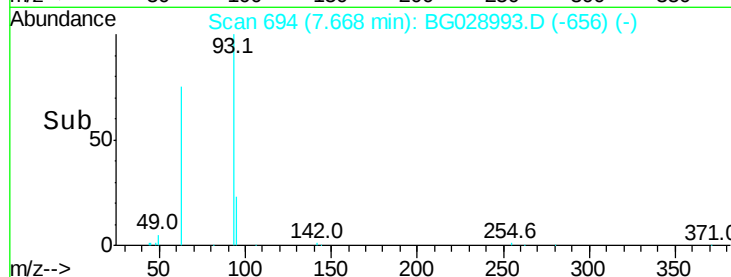
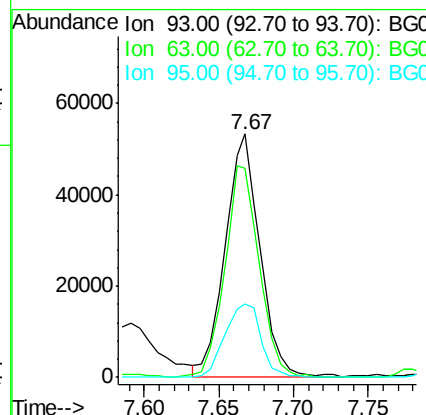
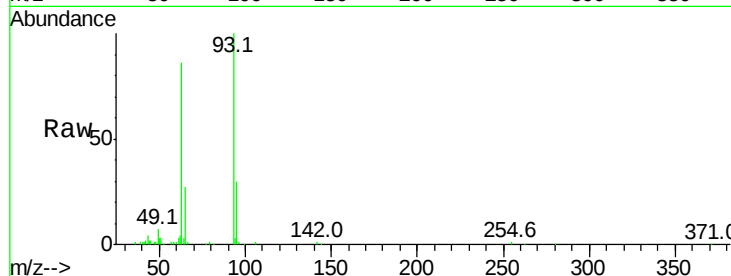




#11
bis(2-Chloroethyl)ether
Concen: 37.170 ng
RT: 7.67 min Scan# 694
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

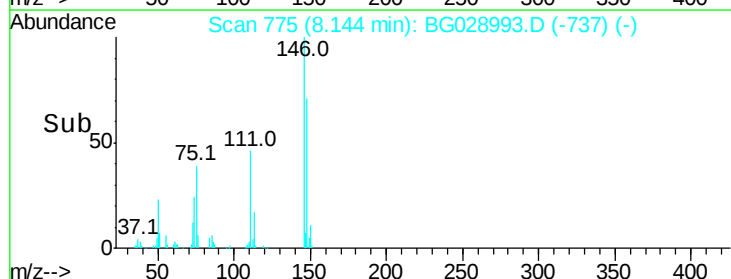
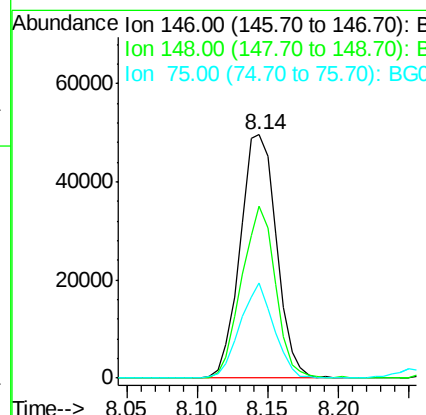
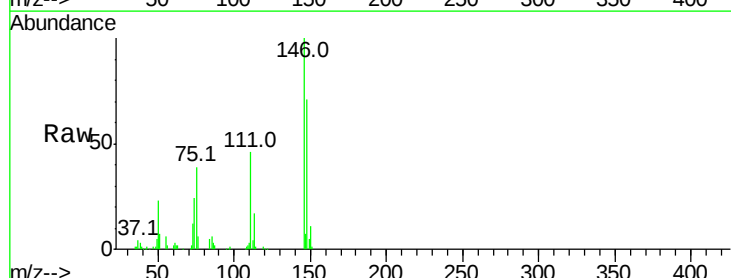
Instrument :
BNA_G
ClientSampleId :

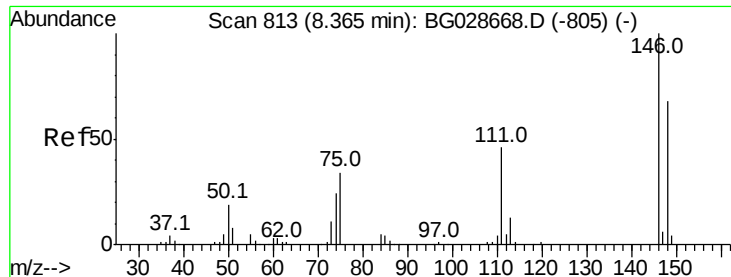
Tot Ion: 93 Resp: 85756
Ion Ratio Lower Upper
93 100
63 86.1 78.5 118.5
95 30.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 36.807 ng
RT: 8.14 min Scan# 775
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion: 146 Resp: 89354
Ion Ratio Lower Upper
146 100
148 70.8 49.2 73.8
75 38.9 33.4 50.2

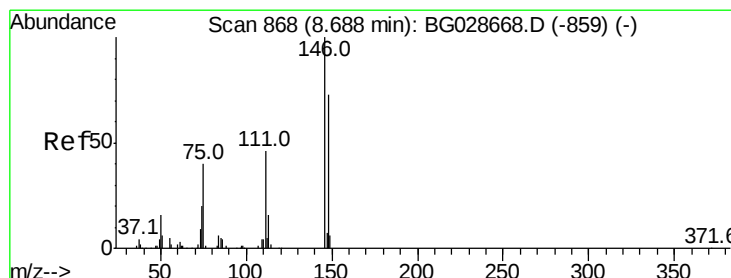
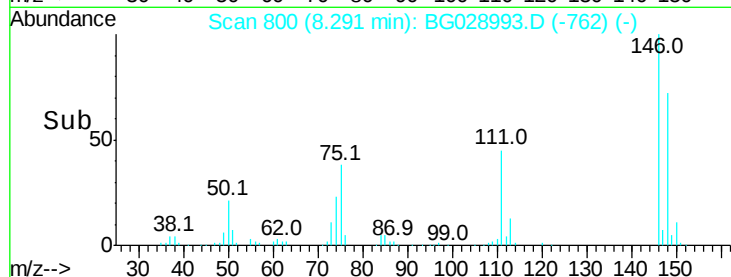
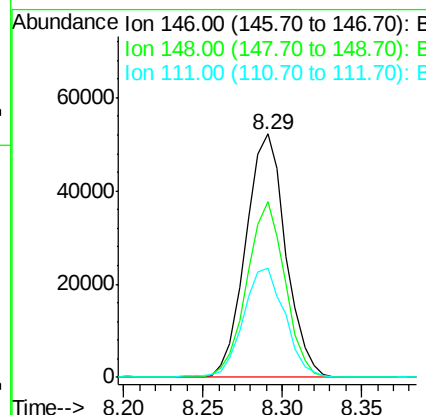
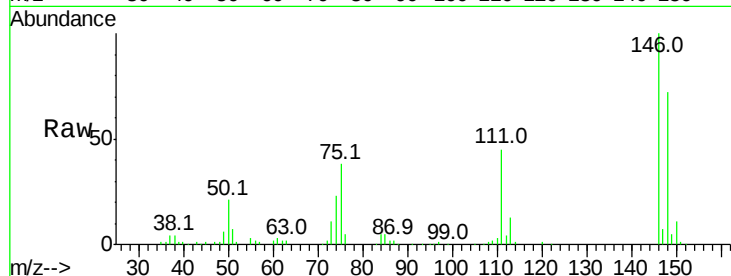




#13
 1,4-Dichlorobenzene
 Concen: 36.683 ng
 RT: 8.29 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

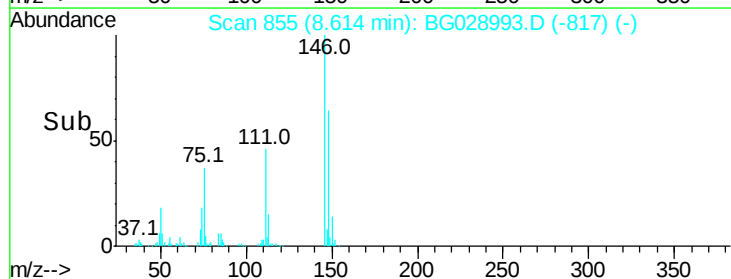
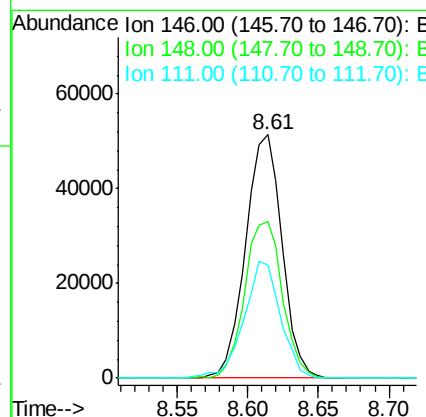
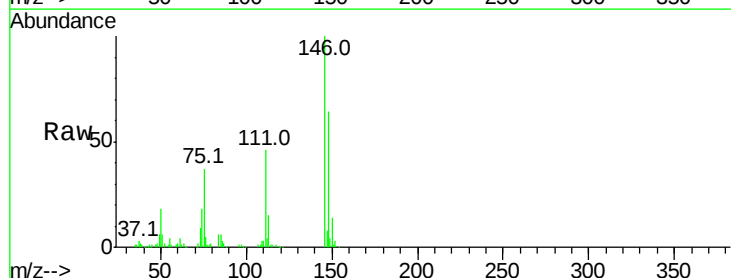
Instrument :
 BNA_G
 ClientSampleId :

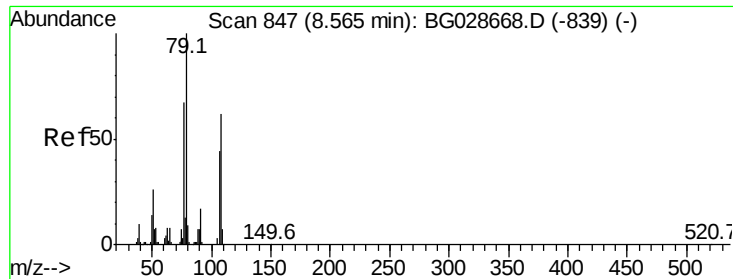
Tot Ion:146 Resp: 91571
 Ion Ratio Lower Upper
 146 100
 148 72.1 52.2 78.2
 111 44.9 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 37.747 ng
 RT: 8.61 min Scan# 855
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion:146 Resp: 93091
 Ion Ratio Lower Upper
 146 100
 148 64.1 54.6 81.8
 111 46.2 39.7 59.5





#15

Benzyl Alcohol

Concen: 39.501 ng

RT: 8.49 min Scan# 834

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

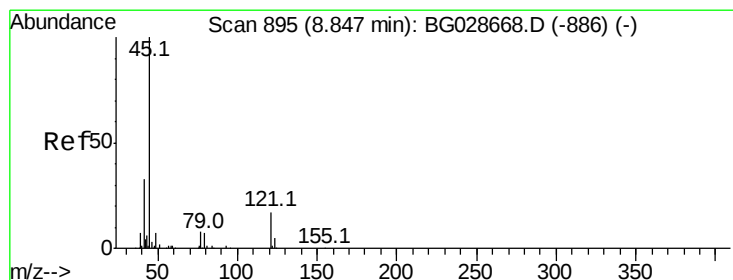
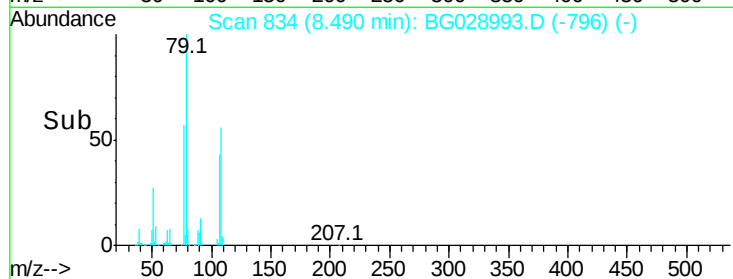
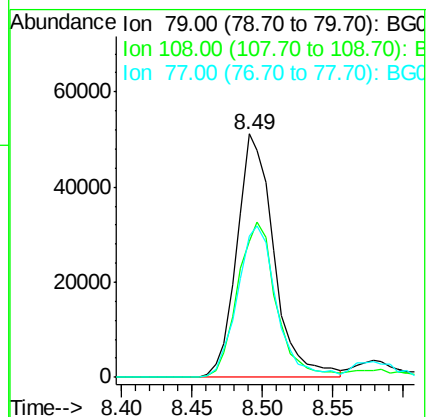
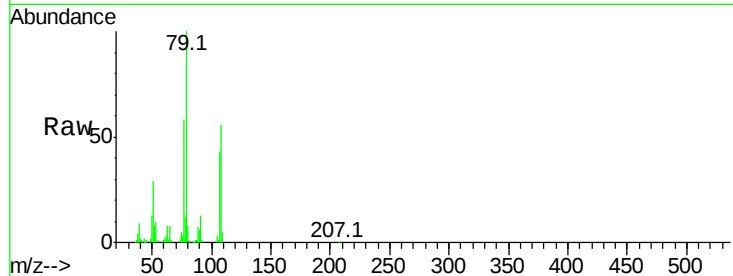
Tot Ion: 79 Resp: 93892

Ion Ratio Lower Upper

79 100

108 56.1 45.5 68.3

77 57.9 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.308 ng

RT: 8.77 min Scan# 882

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

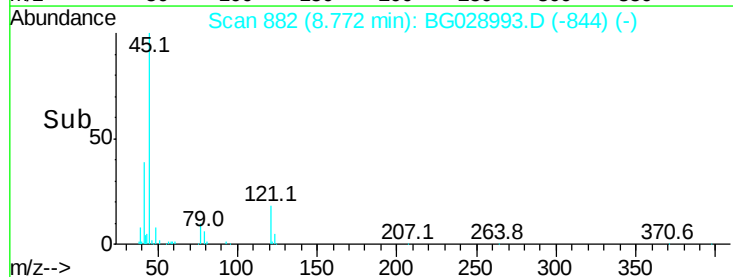
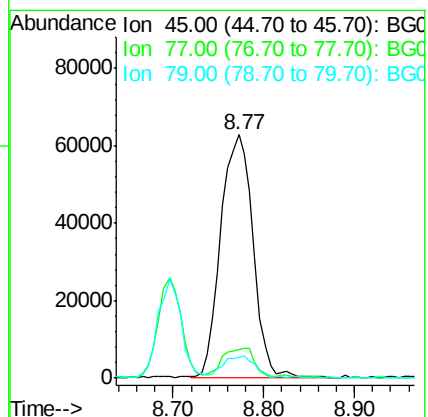
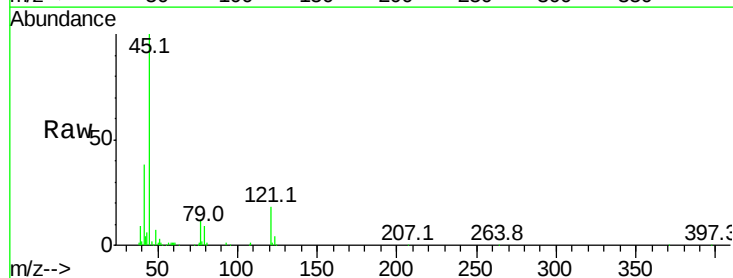
Tgt Ion: 45 Resp: 156435

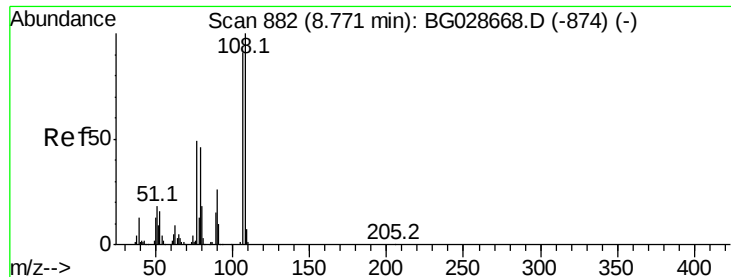
Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.6

79 8.8 0.0 28.5





#17

2-Methylphenol

Concen: 39.975 ng

RT: 8.70 min Scan# 869

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 83943

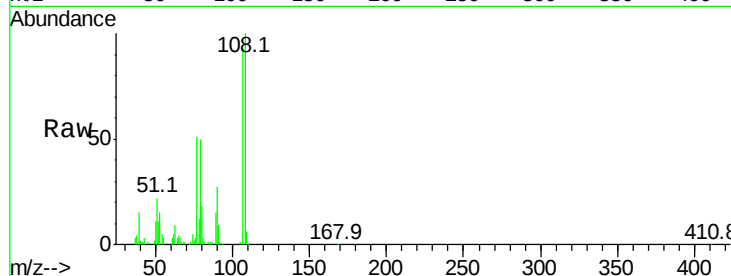
Ion Ratio Lower Upper

107 100

108 107.1 85.6 128.4

77 54.6 51.4 77.2

79 53.7 49.2 73.8

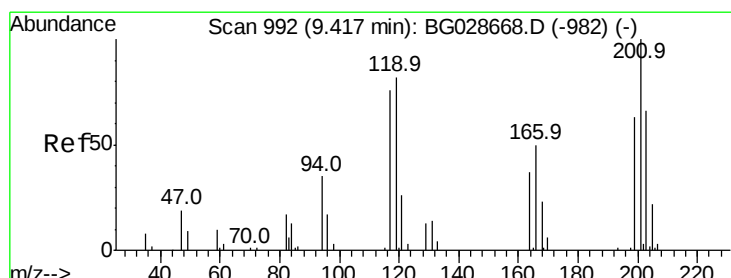
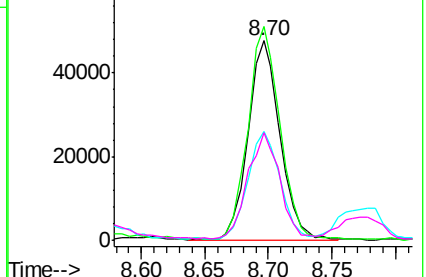
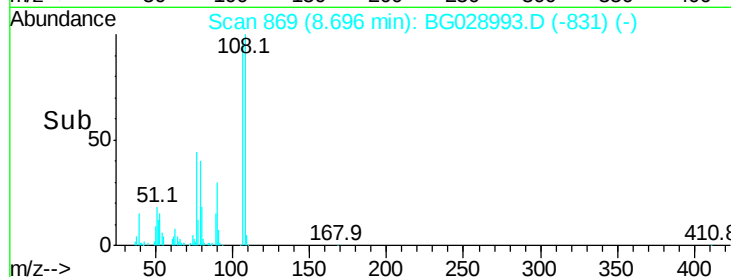


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.888 ng

RT: 9.34 min Scan# 979

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

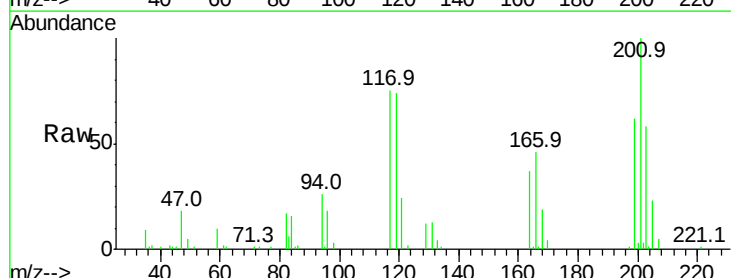
Tgt Ion:117 Resp: 33749

Ion Ratio Lower Upper

117 100

119 98.5 69.8 104.6

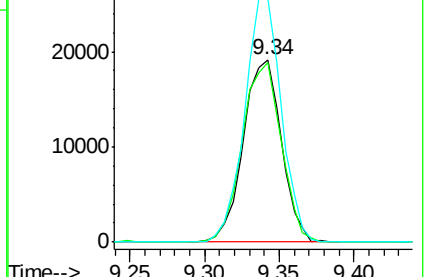
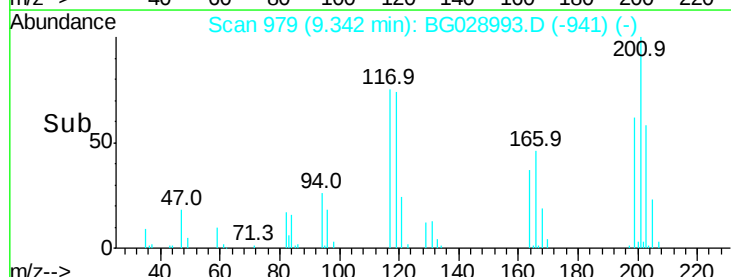
201 133.1 95.4 143.0

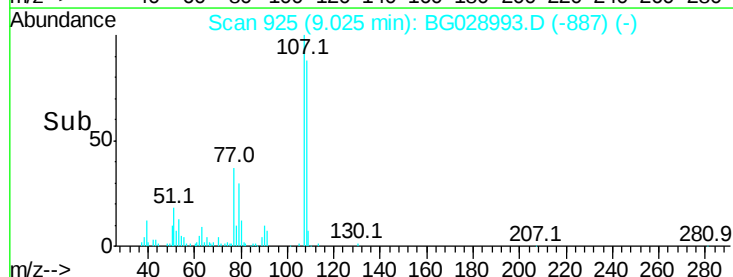
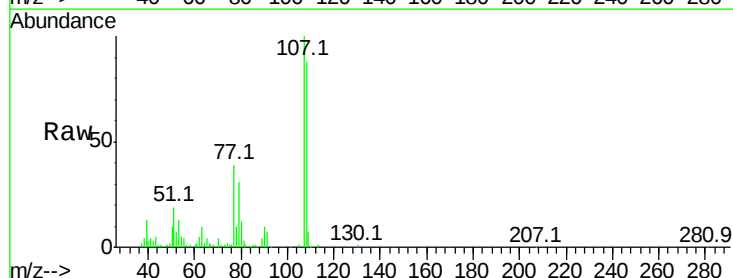
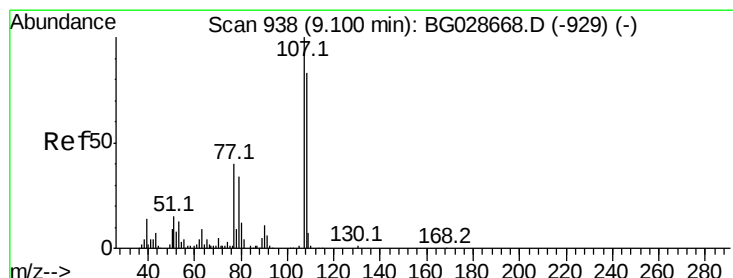
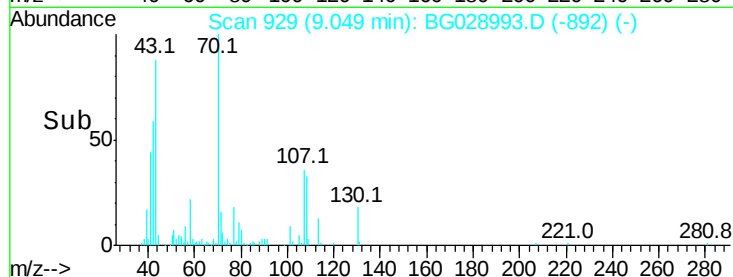
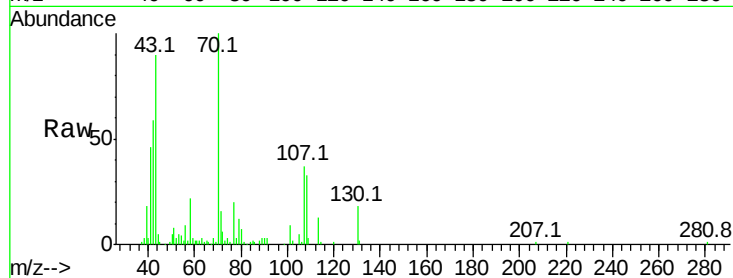
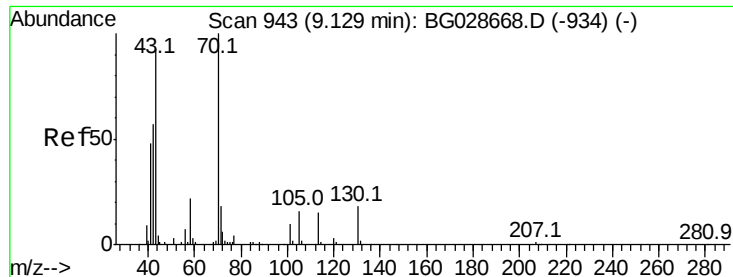


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

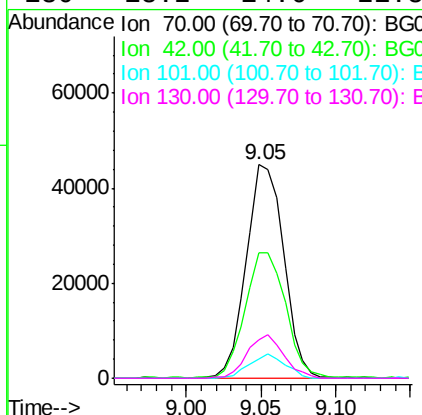




#19
n-Nitroso-di-n-propylamine
Concen: 36.119 ng
RT: 9.05 min Scan# 929
Delta R.T. -0.08 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

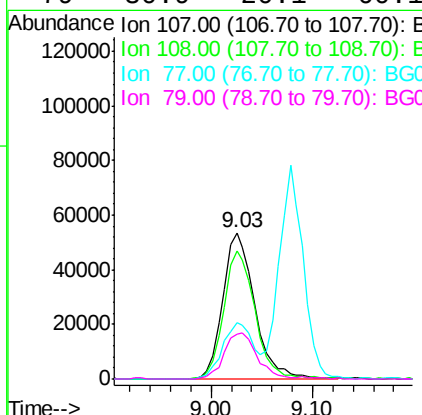
Instrument :
BNA_G
ClientSampleId :

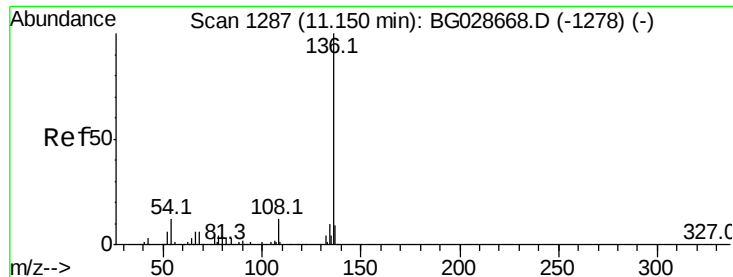
Tot Ion: 70 Resp: 77963
Ion Ratio Lower Upper
70 100
42 58.8 56.1 84.1
101 9.3 7.5 11.3
130 18.2 14.6 21.8



#20
3+4-Methylphenols
Concen: 39.517 ng
RT: 9.03 min Scan# 925
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion: 107 Resp: 116067
Ion Ratio Lower Upper
107 100
108 87.9 70.8 110.8
77 38.9 25.8 65.8
79 30.9 20.1 60.1

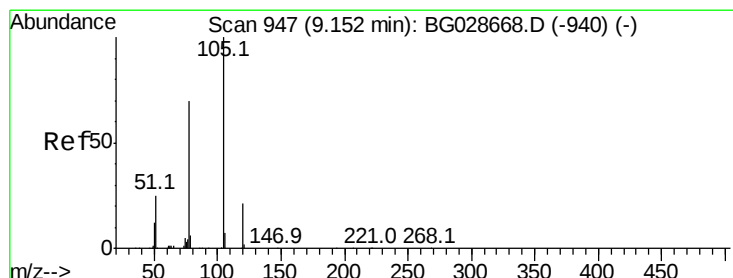
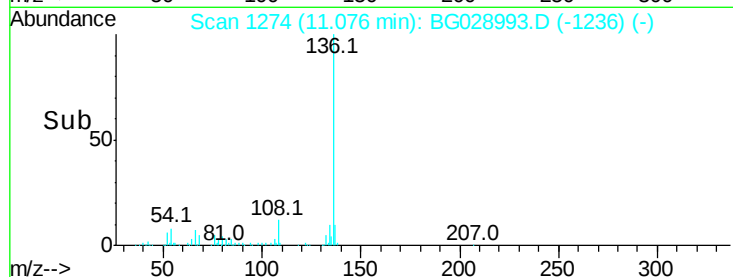
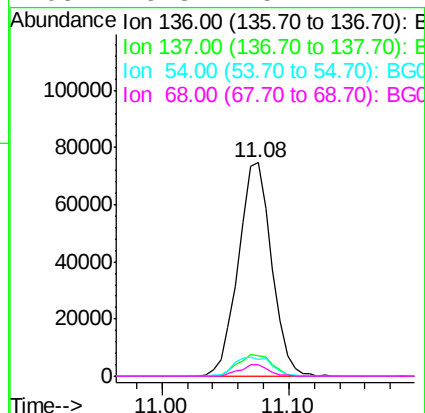
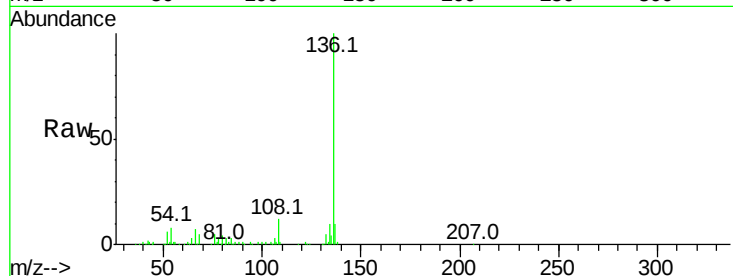




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.08 min Scan# 1274
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

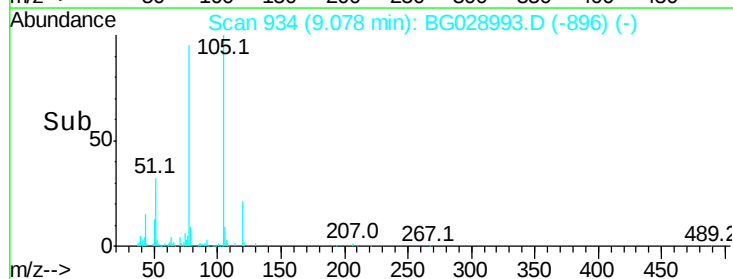
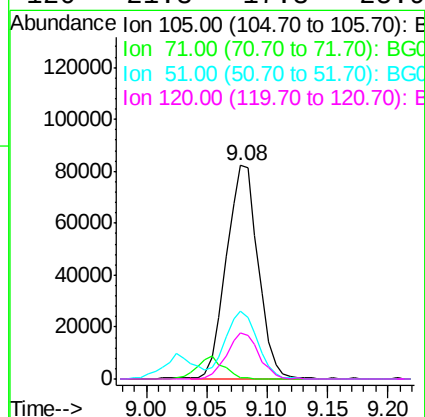
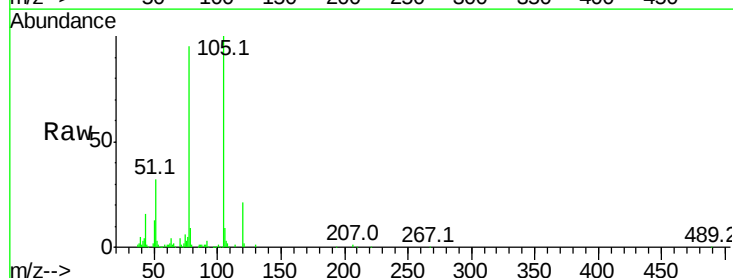
Instrument :
BNA_G
ClientSampleId :

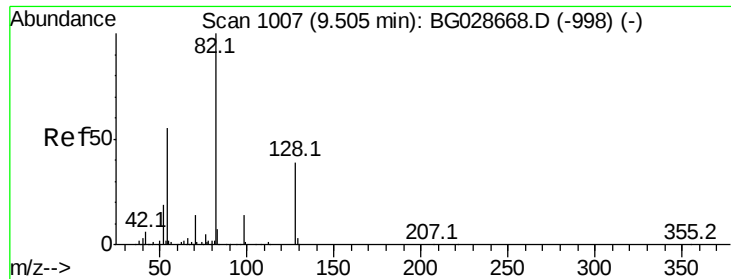
Tot Ion:	136	Resp:	136129
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	8.0	9.3	13.9#
68	5.3	5.1	7.7



#22
Acetophenone
Concen: 37.814 ng
RT: 9.08 min Scan# 934
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:	105	Resp:	150513
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.9	1.3#
51	31.9	34.0	51.0#
120	21.3	17.3	25.9

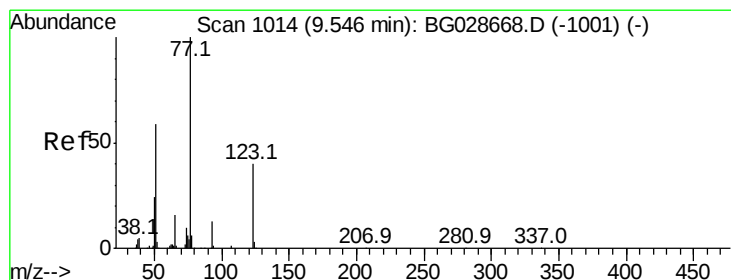
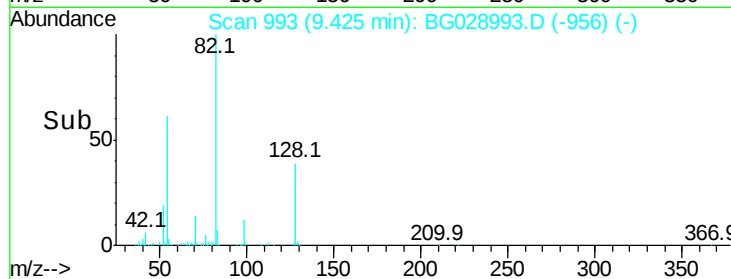
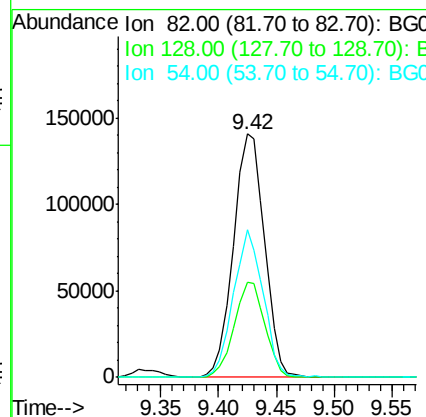
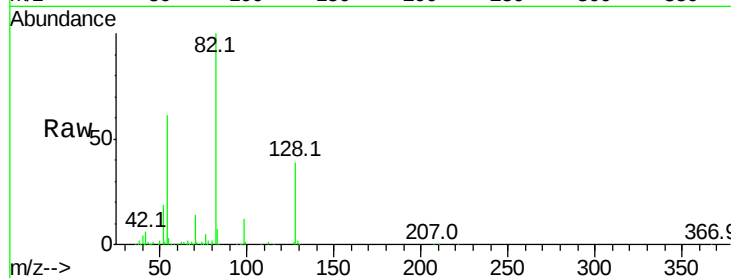




#23
Nitrobenzene-d5
Concen: 92.530 ng
RT: 9.42 min Scan# 993
Delta R.T. -0.08 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

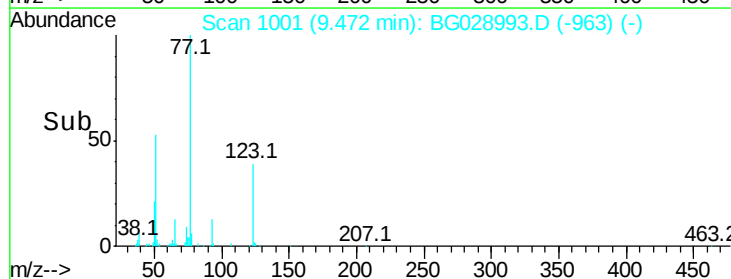
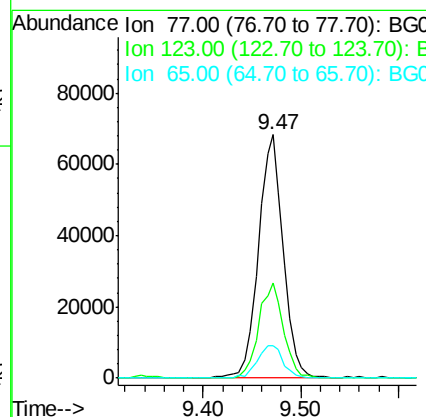
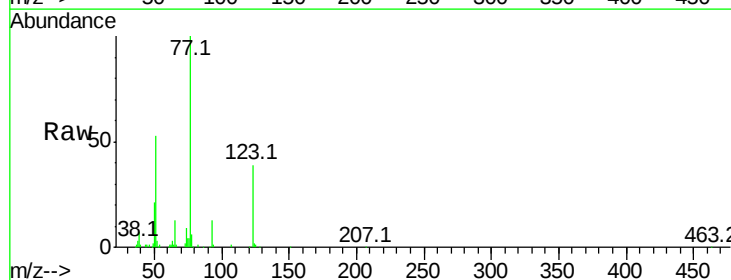
Instrument :
BNA_G
ClientSampleId :

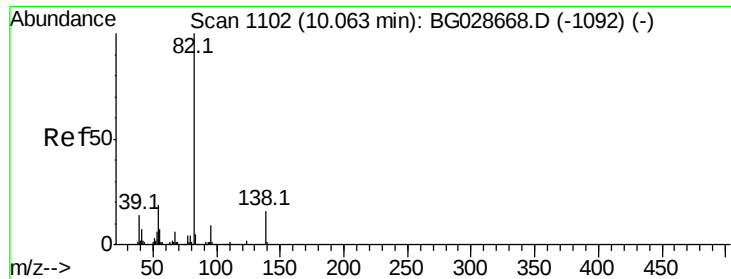
Tot Ion: 82 Resp: 263308
Ion Ratio Lower Upper
82 100
128 38.8 26.4 39.6
54 60.6 49.4 74.2



#24
Nitrobenzene
Concen: 38.511 ng
RT: 9.47 min Scan# 1001
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion: 77 Resp: 121352
Ion Ratio Lower Upper
77 100
123 38.9 26.1 39.1
65 13.4 12.4 18.6





#25

Isophorone

Concen: 40.825 ng

RT: 9.98 min Scan# 1088

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

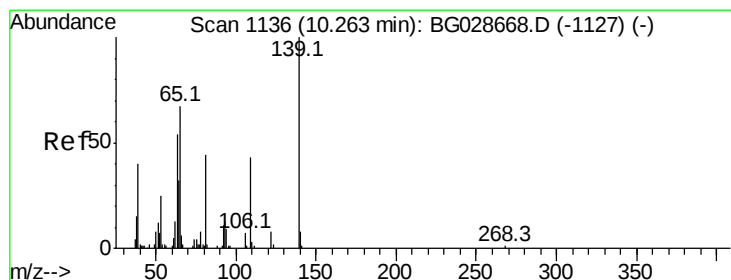
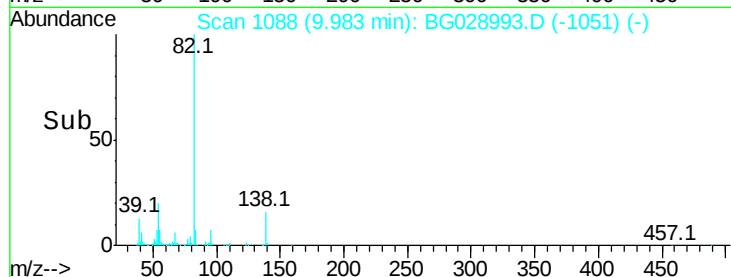
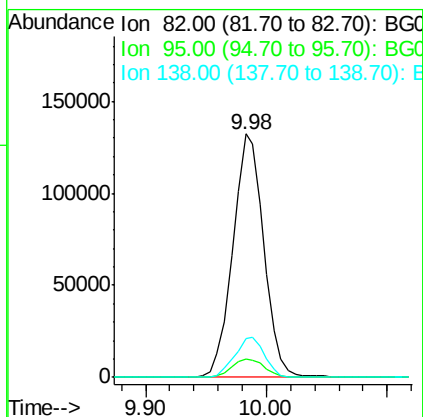
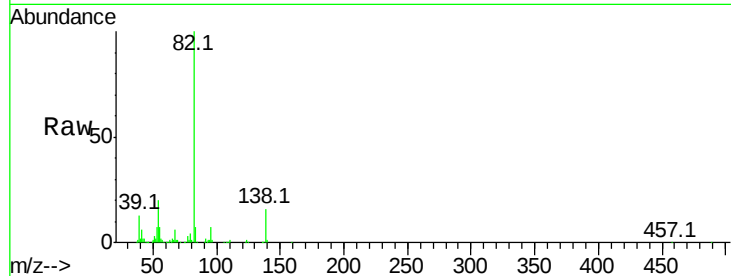
Tot Ion: 82 Resp: 235066

Ion Ratio Lower Upper

82 100

95 7.5 7.5 11.3#

138 15.7 12.3 18.5



#26

2-Nitrophenol

Concen: 37.517 ng

RT: 10.18 min Scan# 1122

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

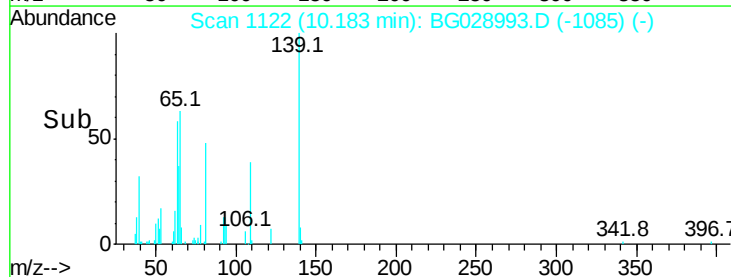
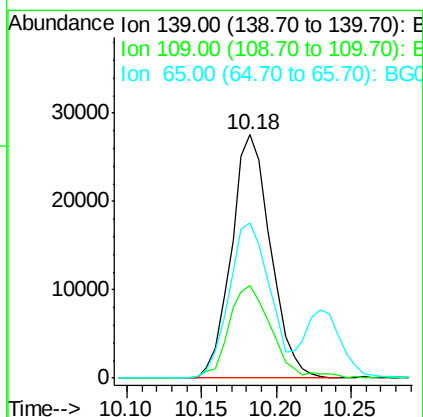
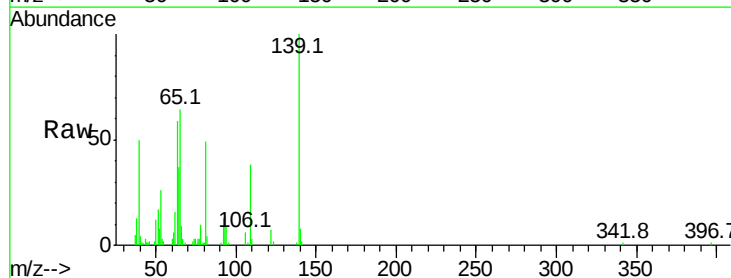
Tgt Ion: 139 Resp: 50314

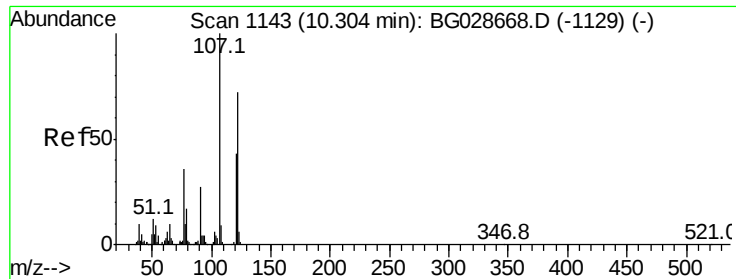
Ion Ratio Lower Upper

139 100

109 37.8 38.6 58.0#

65 63.5 57.1 85.7

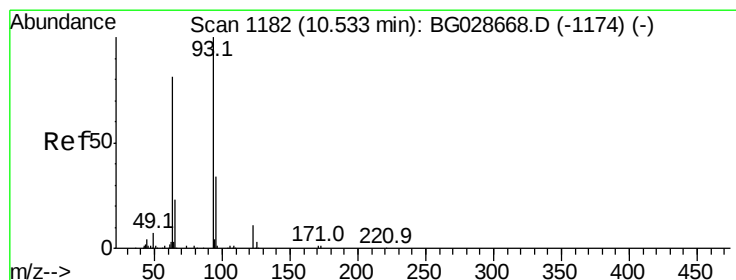
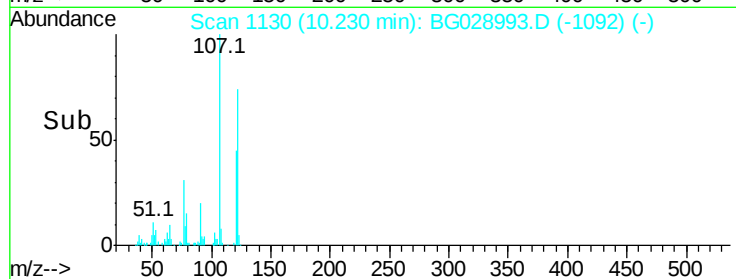
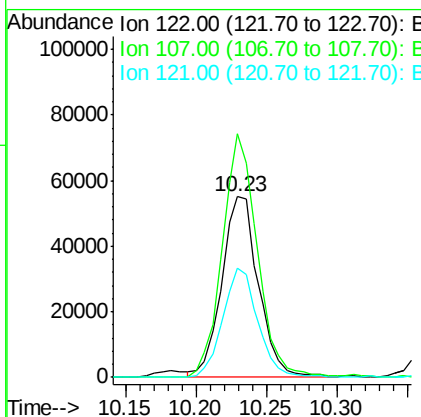
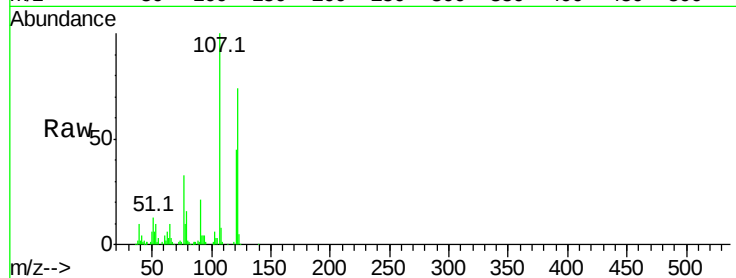




#27
 2,4-Dimethylphenol
 Concen: 40.118 ng
 RT: 10.23 min Scan# 1130
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

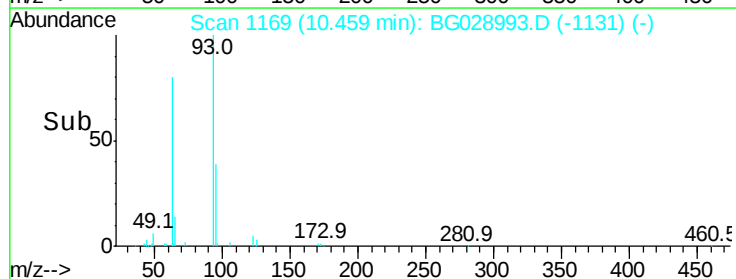
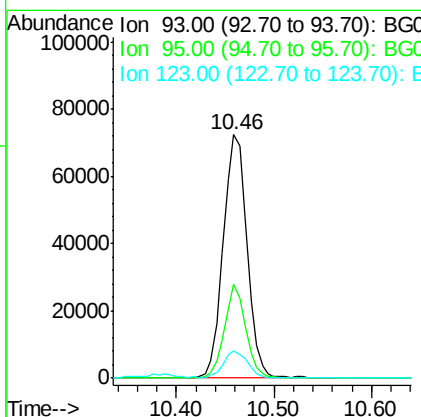
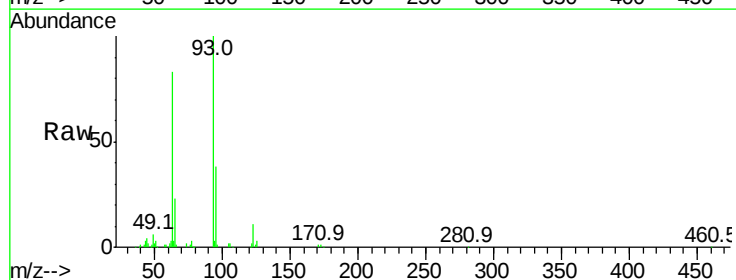
Instrument :
 BNA_G
 ClientSampled :

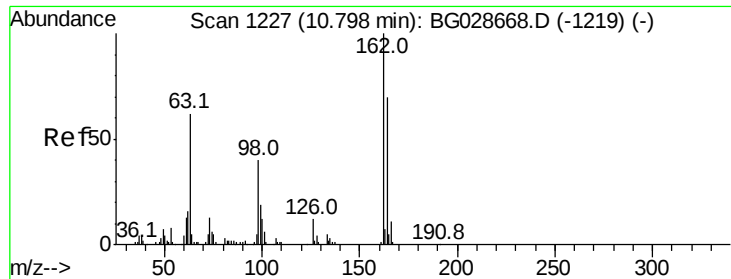
Tot Ion:122 Resp: 98345
 Ion Ratio Lower Upper
 122 100
 107 134.8 104.2 156.4
 121 60.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.304 ng
 RT: 10.46 min Scan# 1169
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion: 93 Resp: 122896
 Ion Ratio Lower Upper
 93 100
 95 38.4 25.7 38.5
 123 11.3 8.3 12.5

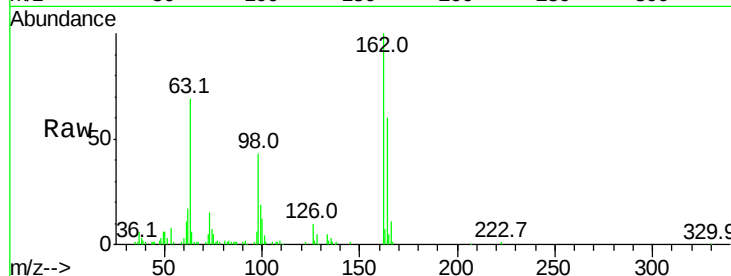




#29
 2,4-Dichlorophenol
 Concen: 42.380 ng
 RT: 10.72 min Scan# 1214
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	42.4	82.4
98	42.8	20.3	60.3

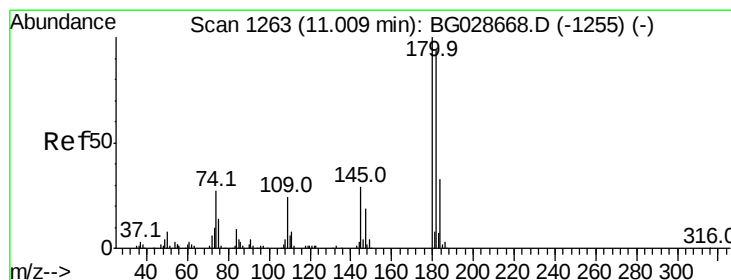
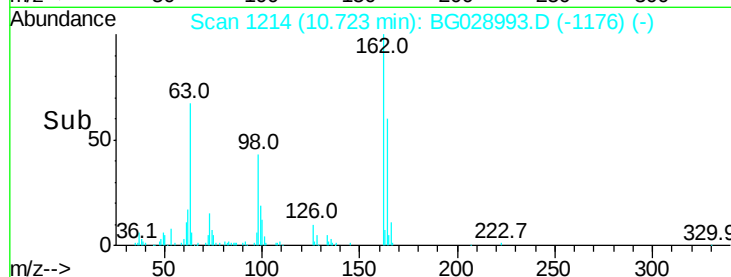
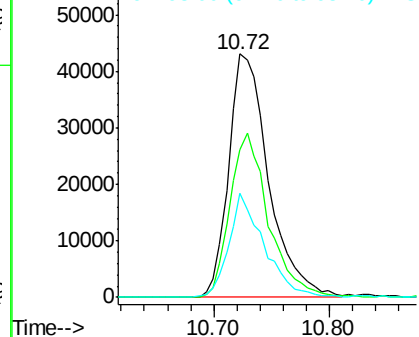


Abundance

Ion 162.00 (161.70 to 162.70): E

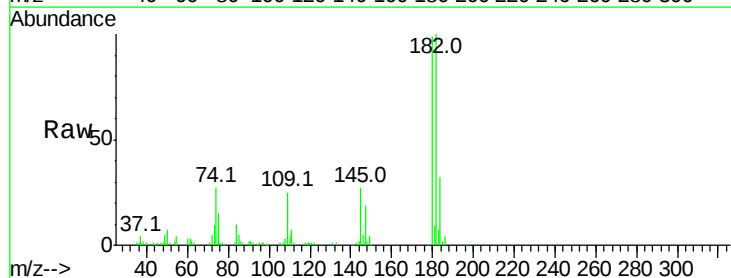
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.881 ng
 RT: 10.93 min Scan# 1250
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	77.0	115.4
145	27.5	23.4	35.0

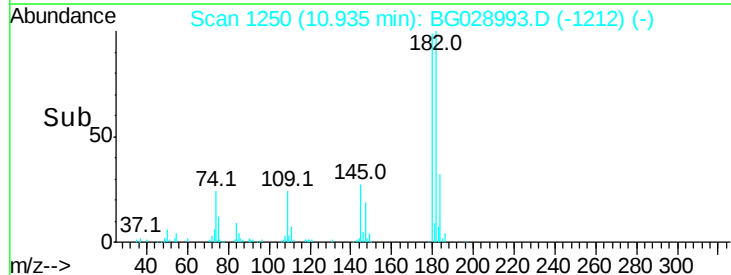
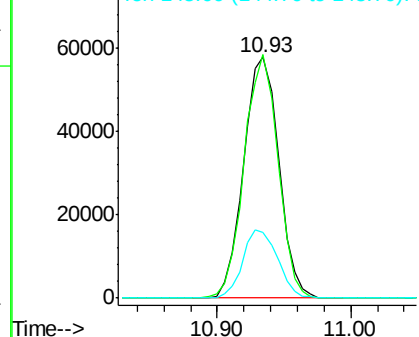


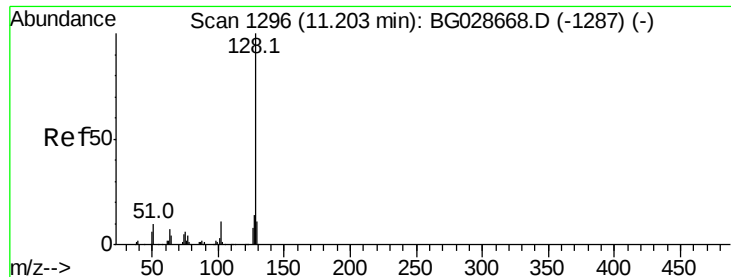
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

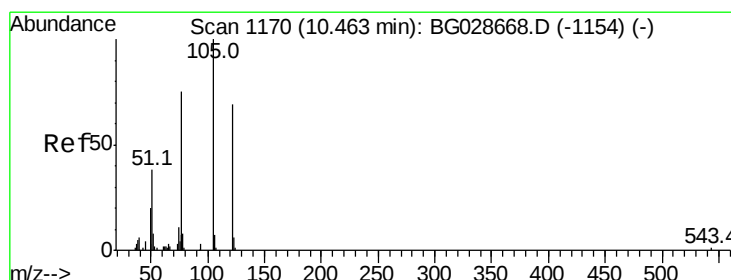
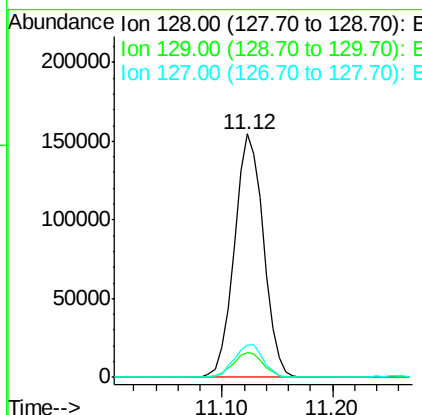
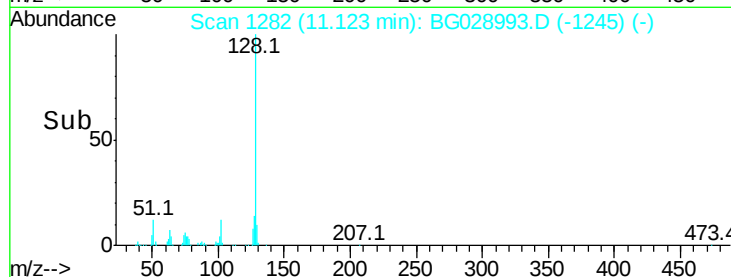
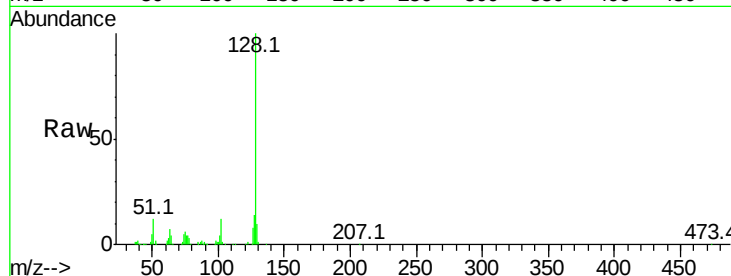




#31
Naphthalene
Concen: 40.134 ng
RT: 11.12 min Scan# 1282
Delta R.T. -0.08 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

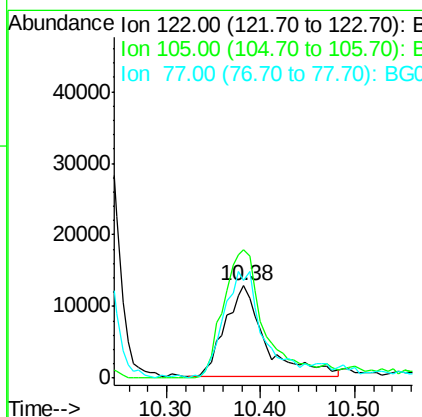
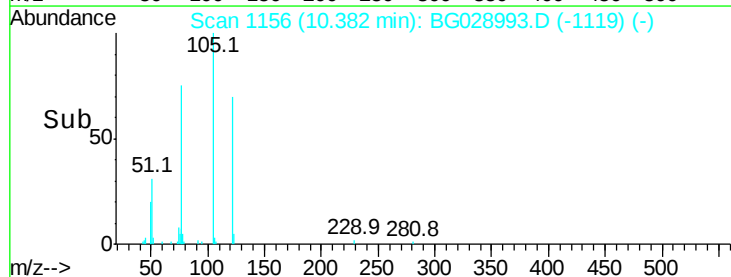
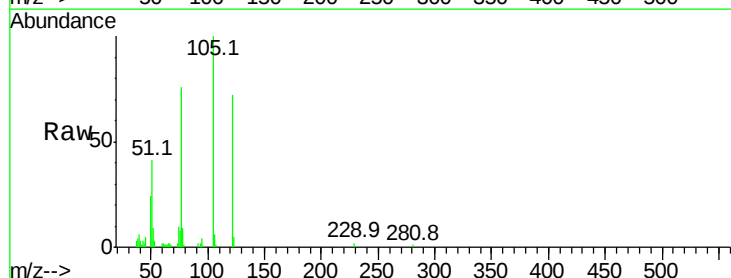
Instrument :
BNA_G
ClientSampleId :

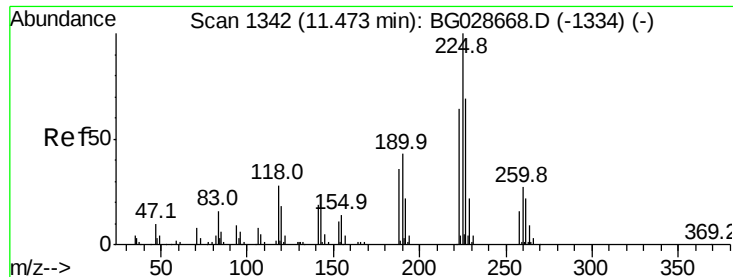
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.3	13.9
127	13.5	11.4	17.0



#32
Benzoic acid
Concen: 25.429 ng
RT: 10.38 min Scan# 1156
Delta R.T. -0.08 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.9	120.1	160.1
77	106.0	104.6	144.6

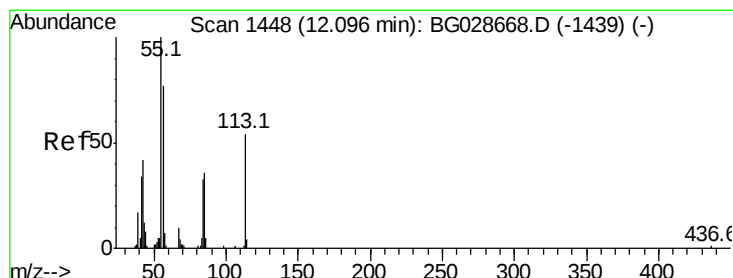
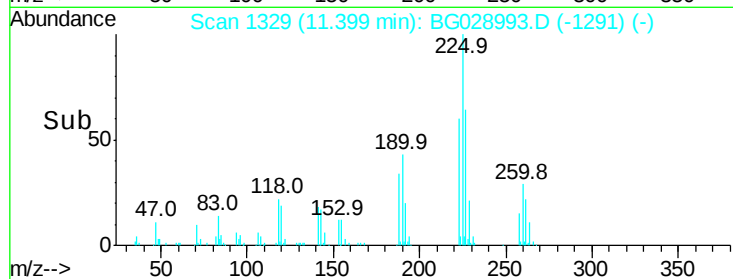
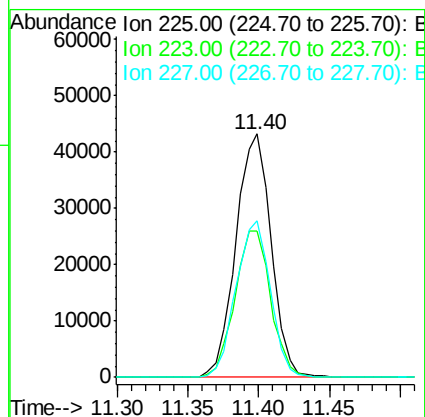
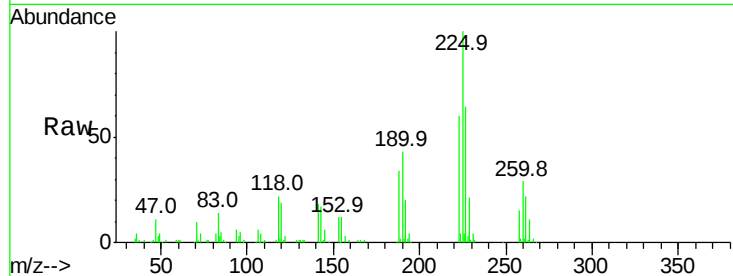




#34
Hexachlorobutadiene
Concen: 36.760 ng
RT: 11.40 min Scan# 1329
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

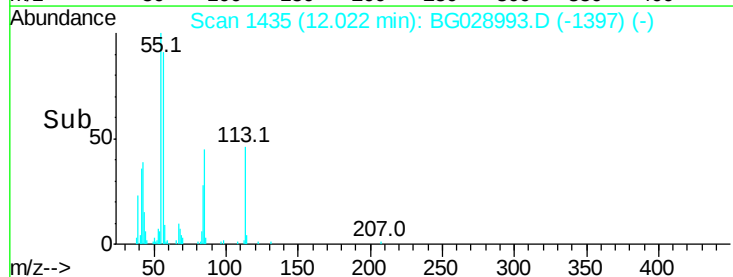
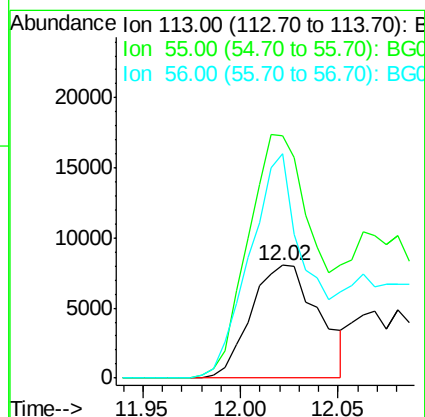
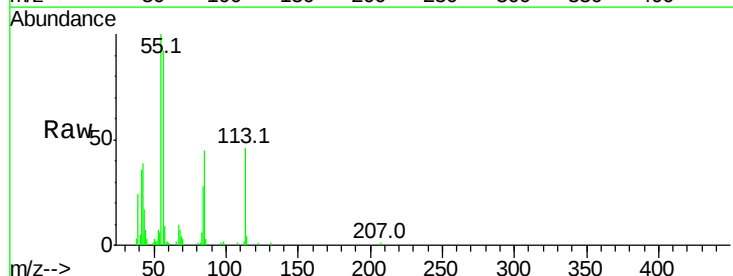
Instrument :
BNA_G
ClientSampleId :

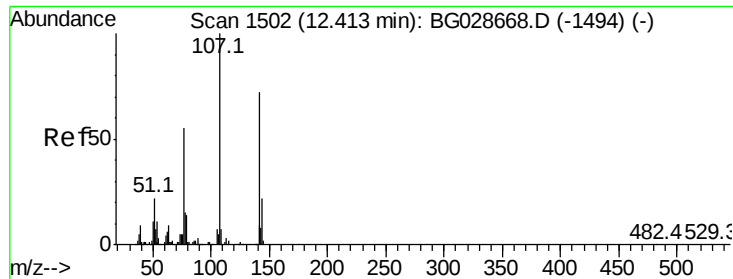
Tot Ion:225 Resp: 75337
Ion Ratio Lower Upper
225 100
223 59.9 50.7 76.1
227 64.3 49.0 73.6



#35
Caprolactam
Concen: 22.063 ng
RT: 12.02 min Scan# 1435
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:113 Resp: 19297
Ion Ratio Lower Upper
113 100
55 215.5 198.6 238.6
56 198.8 140.4 180.4#

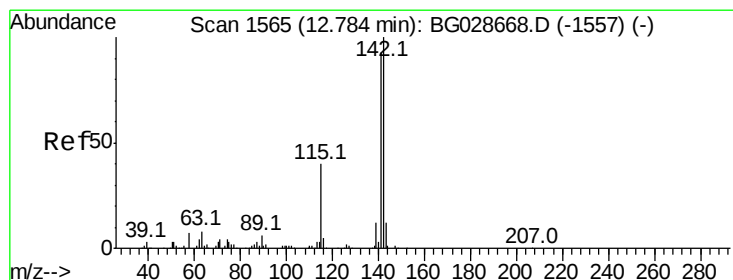
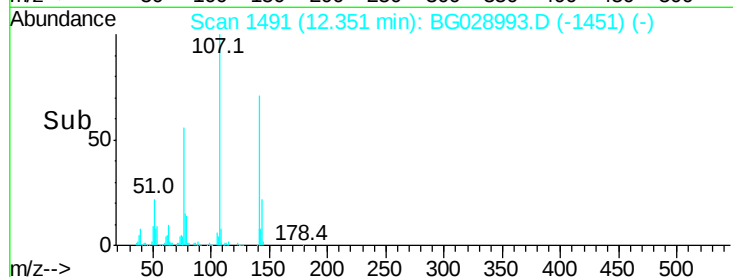
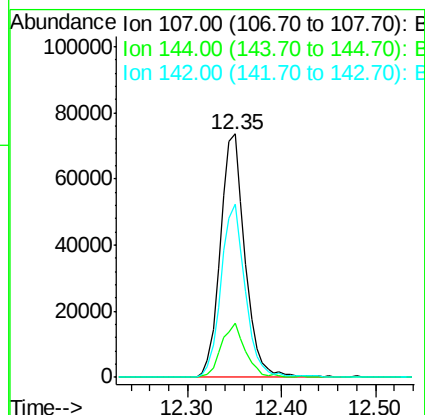
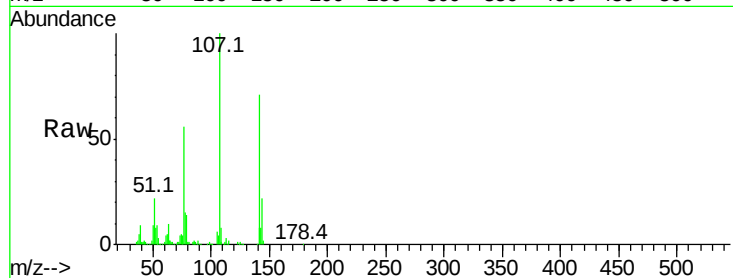




#36
4-Chloro-3-methylphenol
Concen: 42.577 ng
RT: 12.35 min Scan# 1491
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

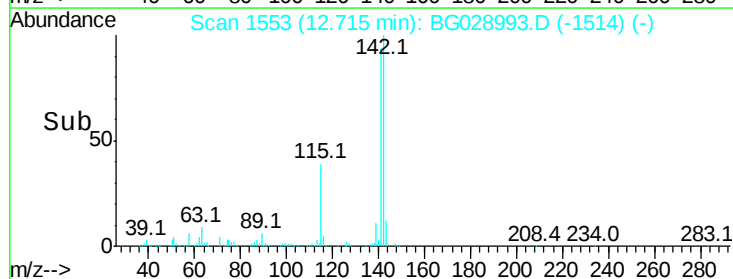
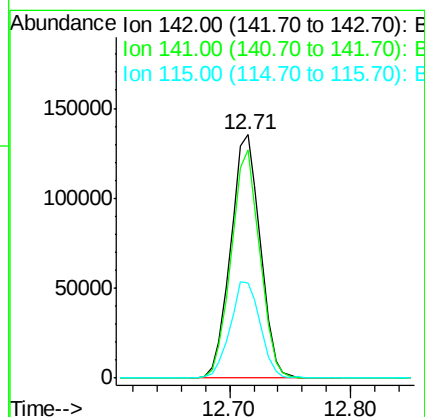
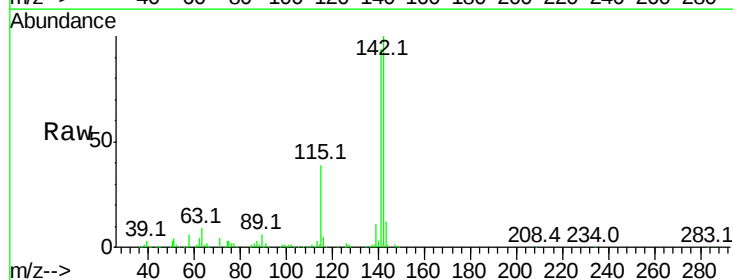
Instrument :
BNA_G
ClientSampleId :

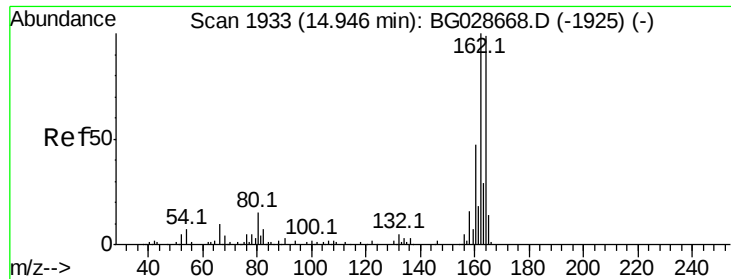
Tot Ion	Ratio	Lower	Upper
107	100		
144	22.2	17.4	26.0
142	71.1	54.1	81.1



#37
2-Methylnaphthalene
Concen: 43.483 ng
RT: 12.71 min Scan# 1553
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	70.4	105.6
115	38.8	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.88 min Scan# 1921

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

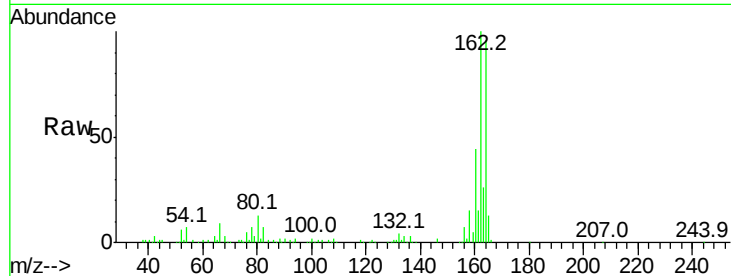
Tot Ion:164 Resp: 104083

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

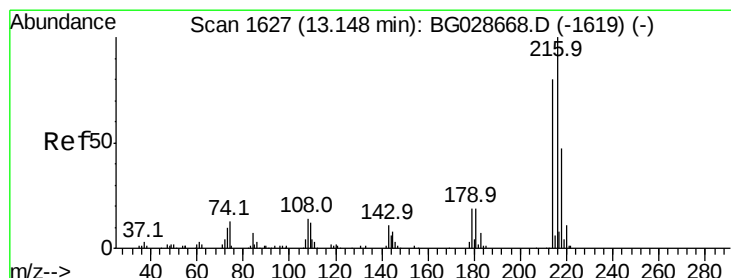
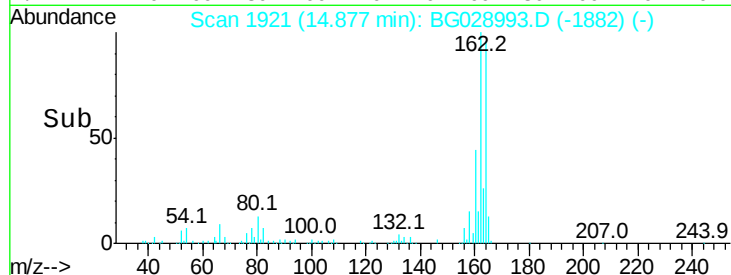
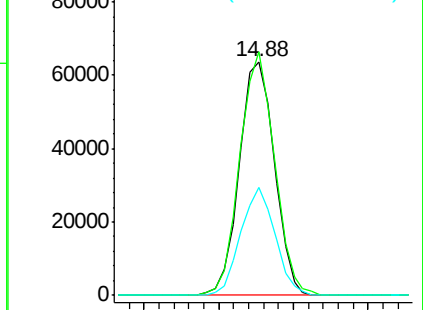
160 46.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.454 ng

RT: 13.08 min Scan# 1615

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Tgt Ion:216 Resp: 147448

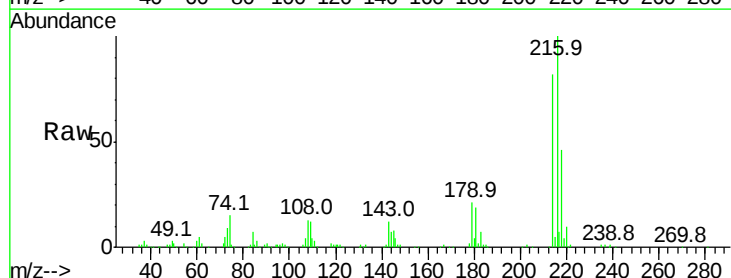
Ion Ratio Lower Upper

216 100

214 80.0 64.4 96.6

179 19.2 17.4 26.0

108 15.4 15.6 23.4#

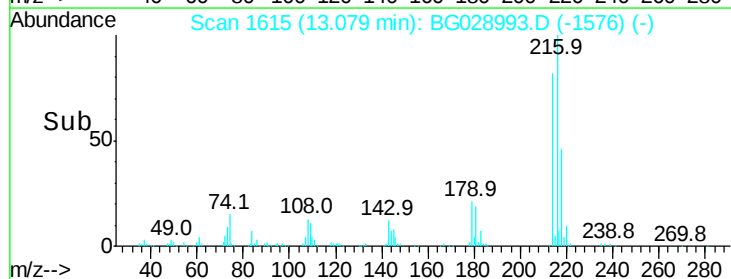
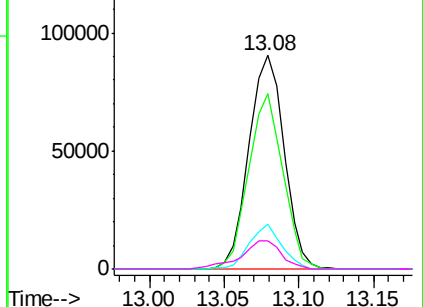


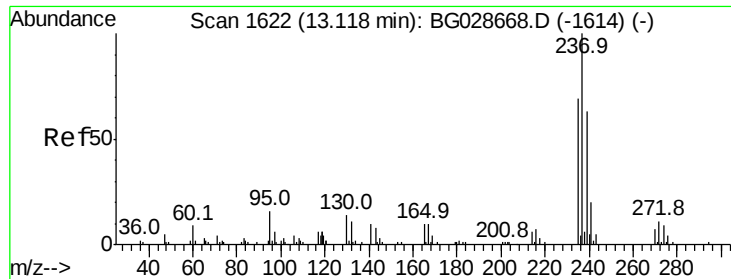
Abundance Ion 216.00 (215.70 to 216.70): E

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

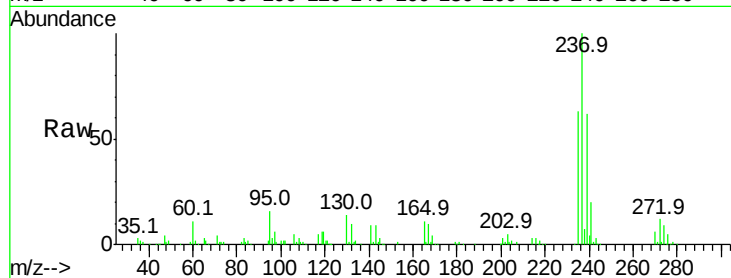




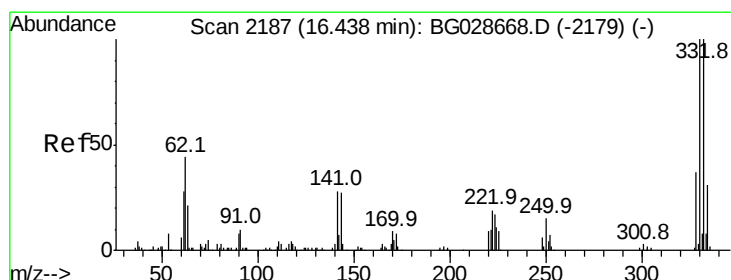
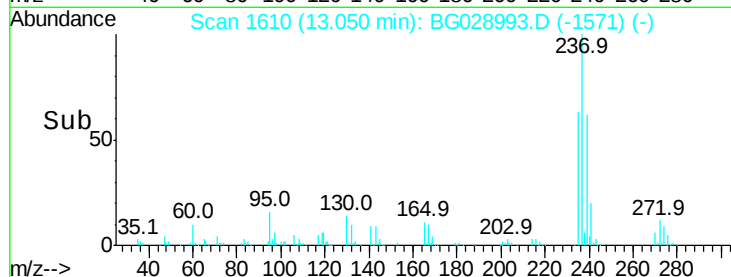
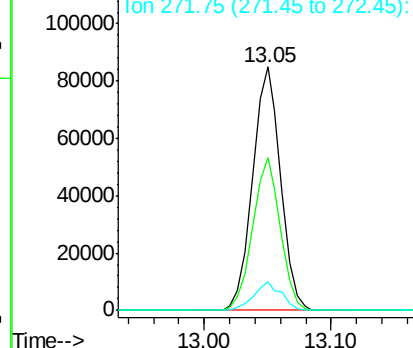
#40
Hexachlorocyclopentadiene
Concen: 78.278 ng
RT: 13.05 min Scan# 1610
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 129839
Ion Ratio Lower Upper
237 100
235 62.6 39.4 79.4
272 11.6 0.0 32.0

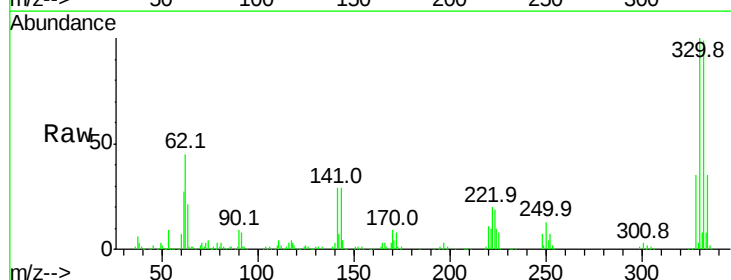


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

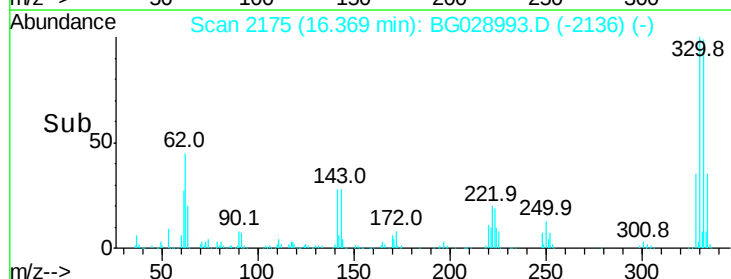
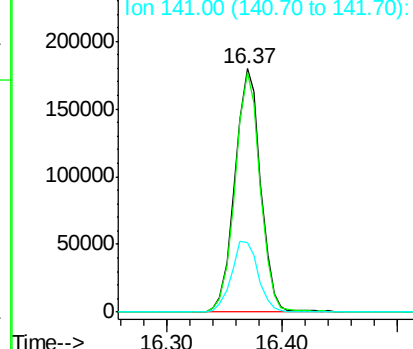


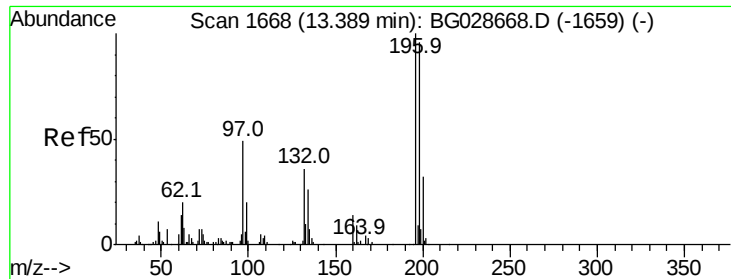
#41
2,4,6-Tribromophenol
Concen: 160.380 ng
RT: 16.37 min Scan# 2175
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:330 Resp: 276089
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.2 32.1 48.1#



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

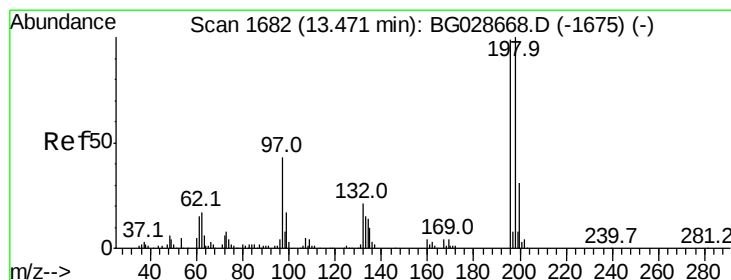
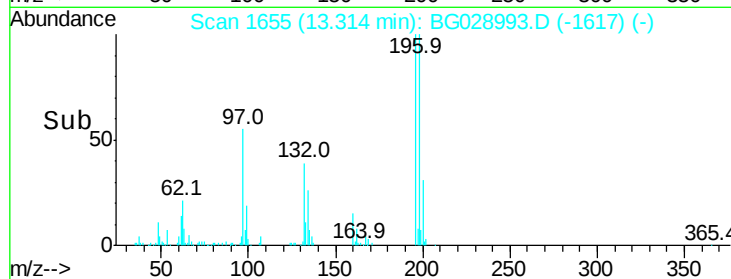
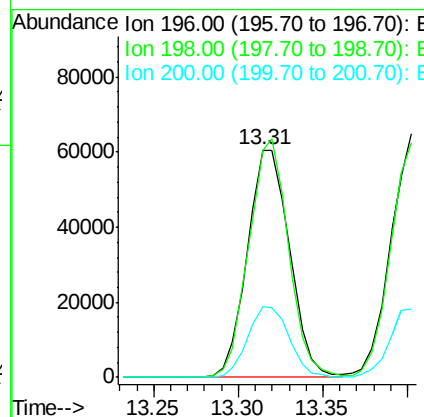
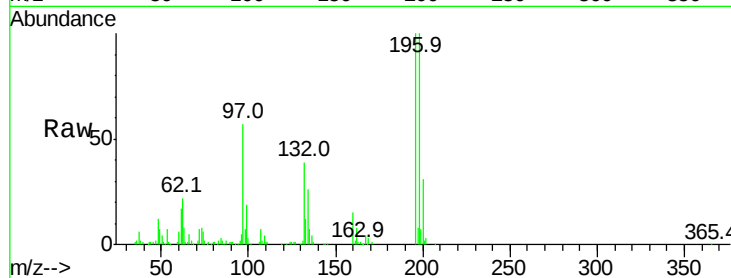




#42
 2,4,6-Trichlorophenol
 Concen: 38.928 ng
 RT: 13.31 min Scan# 1655
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

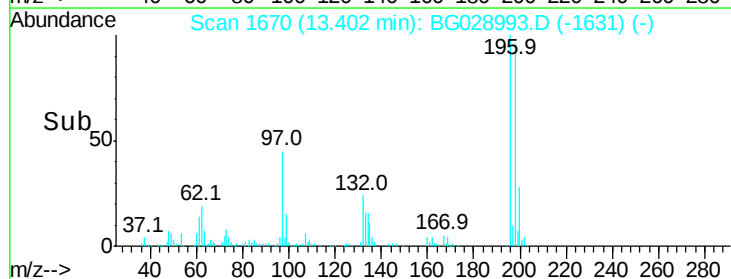
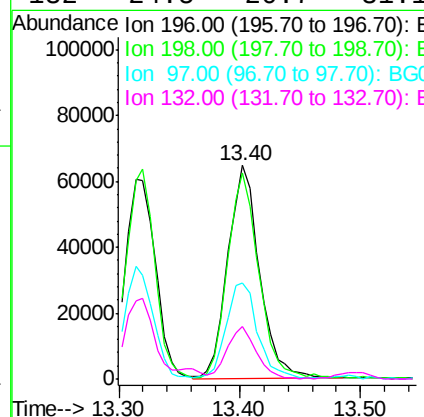
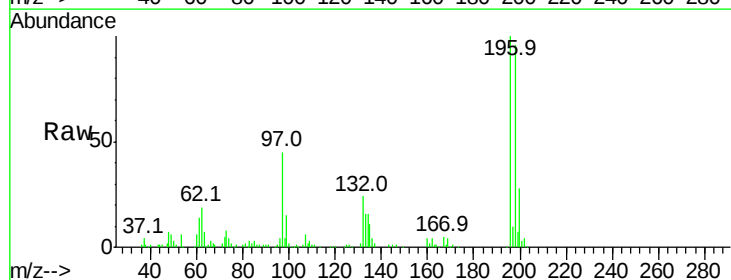
Instrument :
 BNA_G
 ClientSampleId :

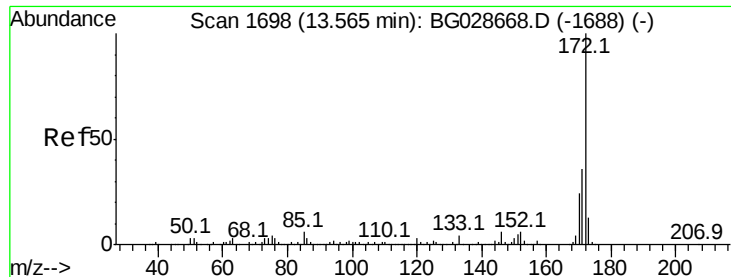
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	81.4	122.2
200	31.4	27.0	40.6



#43
 2,4,5-Trichlorophenol
 Concen: 42.940 ng
 RT: 13.40 min Scan# 1670
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.9	119.9
97	44.9	45.4	68.0#
132	24.5	20.7	31.1

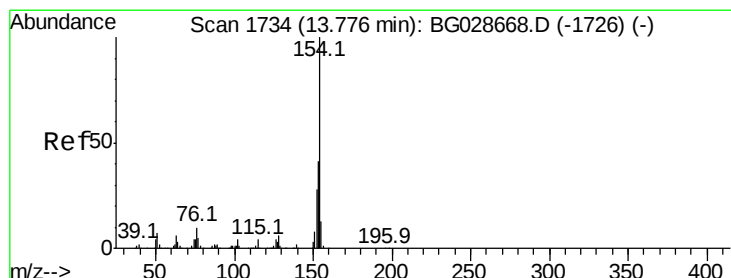
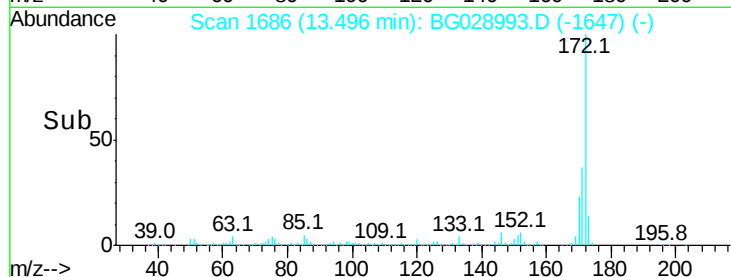
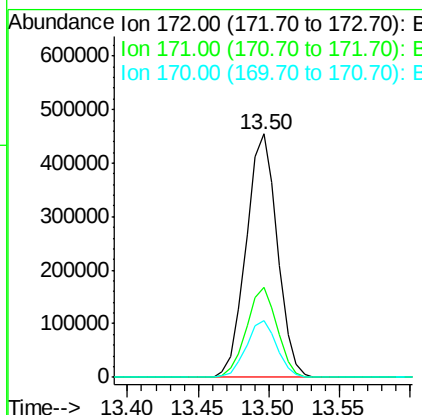
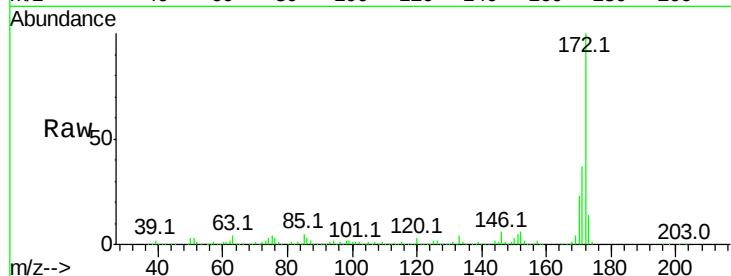




#44
2-Fluorobiphenyl
Concen: 90.224 ng
RT: 13.50 min Scan# 1686
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

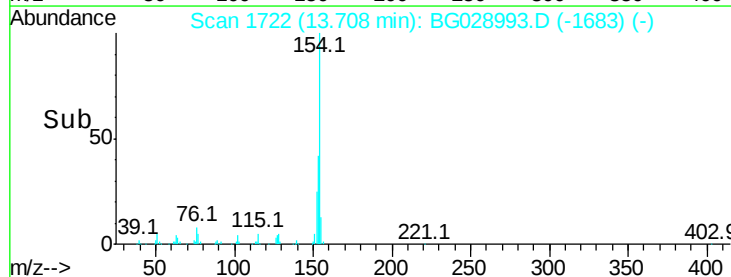
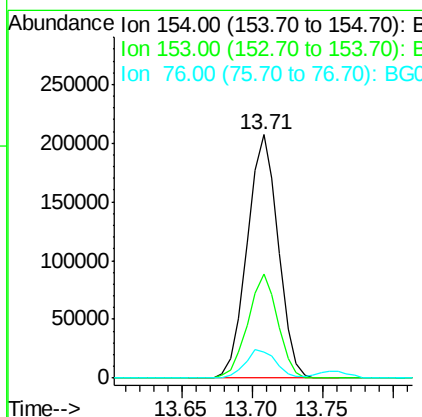
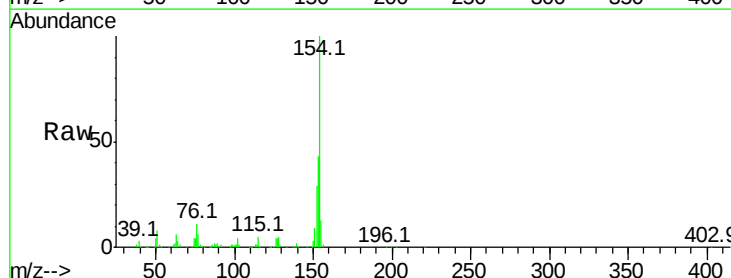
Instrument :
BNA_G
ClientSampleId :

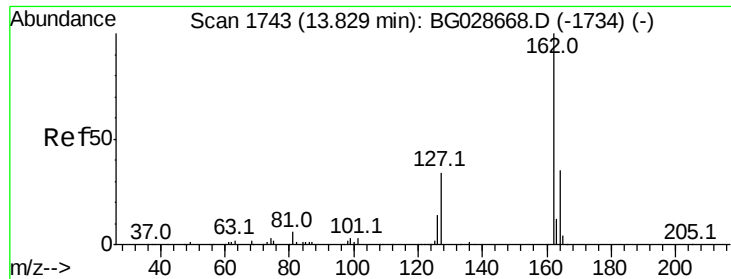
Tot Ion:172 Resp: 704265
Ion Ratio Lower Upper
172 100
171 36.9 32.2 48.2
170 23.1 21.8 32.6



#45
1,1'-Biphenyl
Concen: 36.970 ng
RT: 13.71 min Scan# 1722
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:154 Resp: 318600
Ion Ratio Lower Upper
154 100
153 42.8 23.0 63.0
76 10.8 0.0 33.5

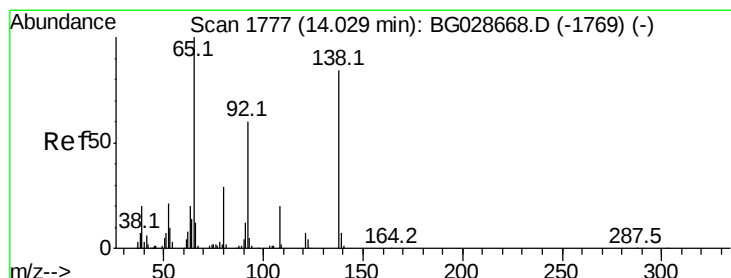
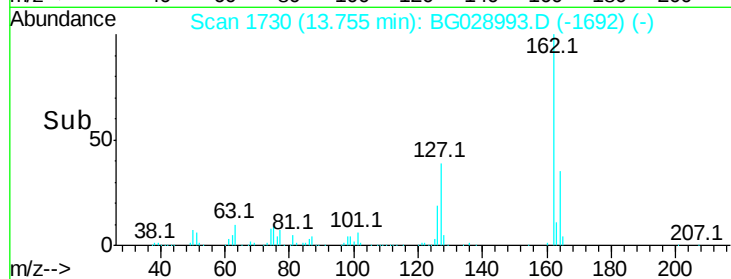
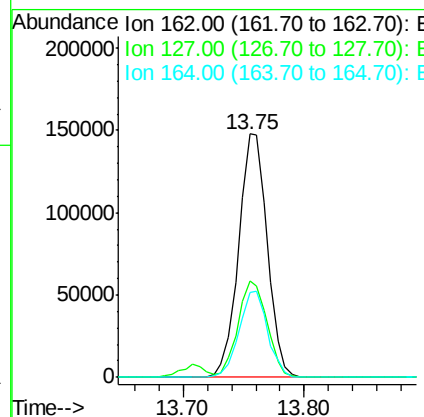
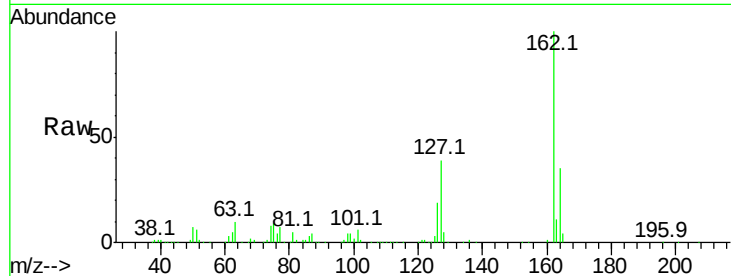




#46
 2-Chloronaphthalene
 Concen: 38.828 ng
 RT: 13.75 min Scan# 1730
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

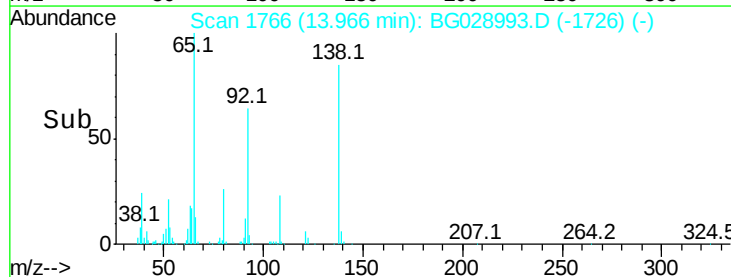
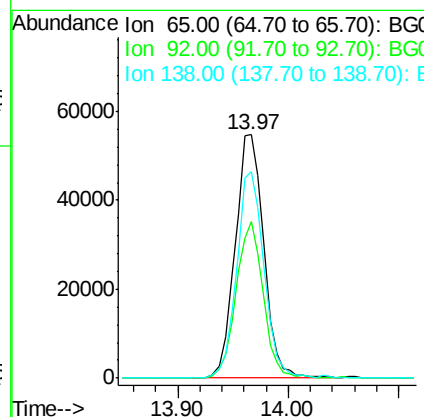
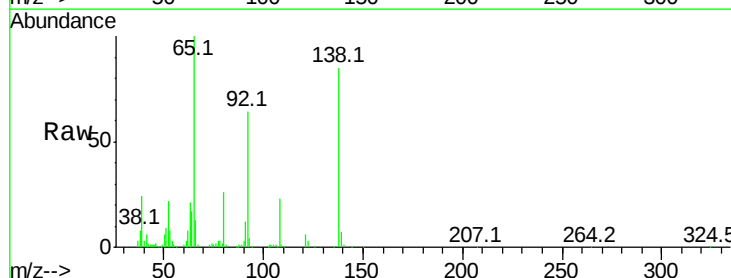
Instrument :
 BNA_G
 ClientSampleId :

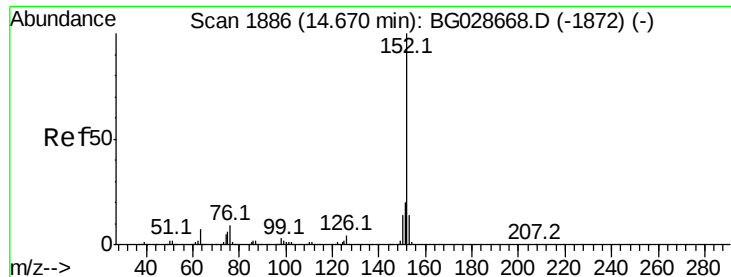
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.2	48.4
164	34.7	27.3	40.9



#47
 2-Nitroaniline
 Concen: 42.755 ng
 RT: 13.97 min Scan# 1766
 Delta R.T. -0.06 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	49.0	73.4
138	84.9	58.6	87.8





#48

Acenaphthylene

Concen: 40.864 ng

RT: 14.60 min Scan# 1874

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

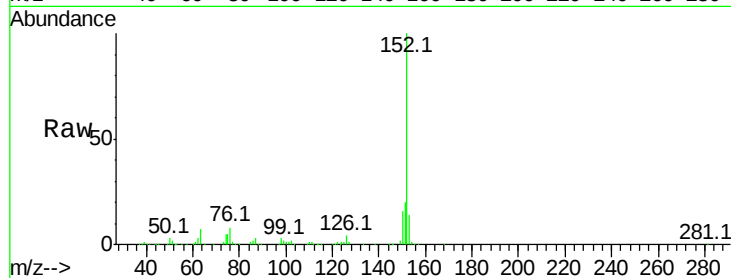
Tot Ion:152 Resp: 410352

Ion Ratio Lower Upper

152 100

151 19.6 18.2 27.2

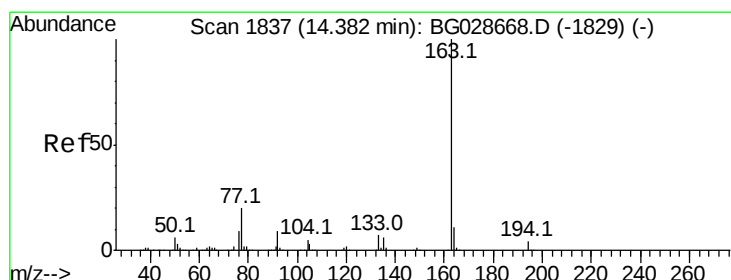
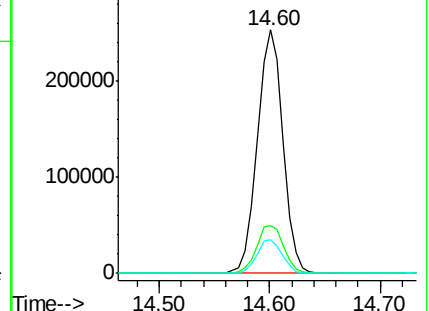
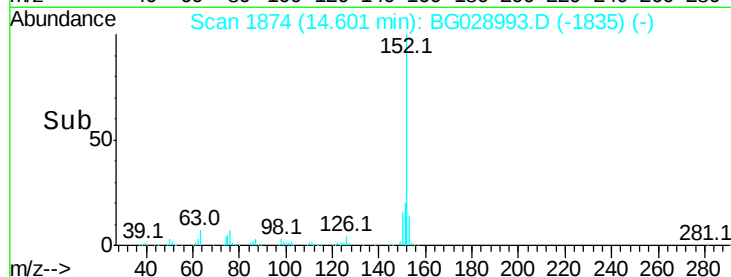
153 14.1 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.475 ng

RT: 14.32 min Scan# 1826

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

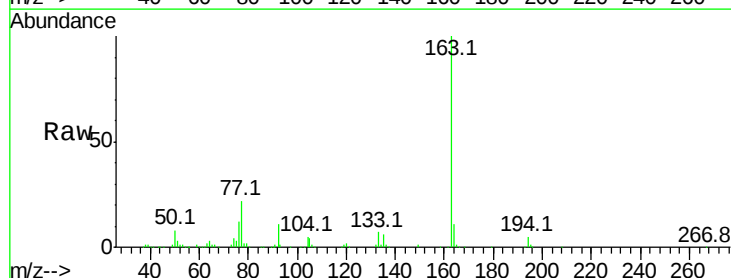
Tgt Ion:163 Resp: 370716

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

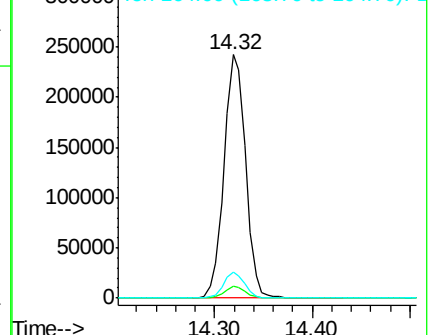
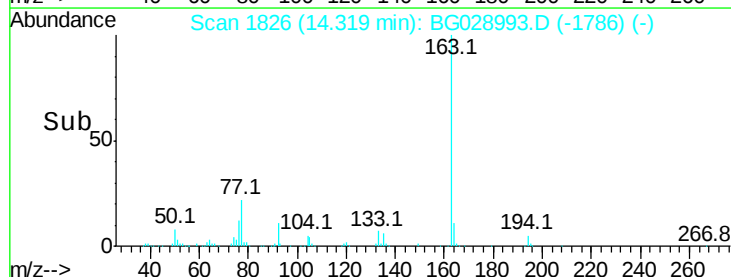
164 10.9 9.3 13.9

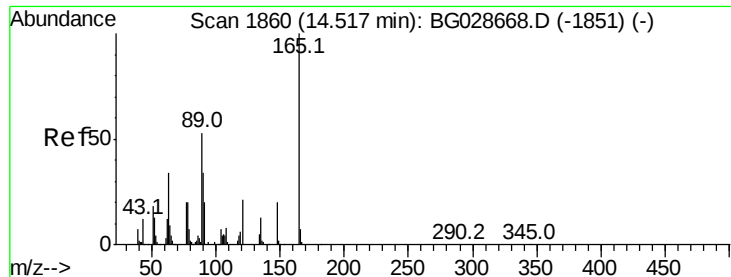


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 43.867 ng

RT: 14.45 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

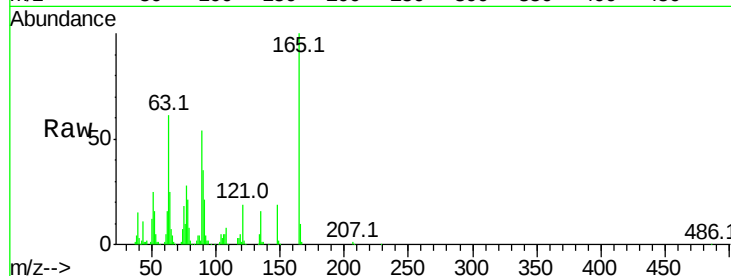
Tot Ion:165 Resp: 85193

Ion Ratio Lower Upper

165 100

63 60.6 63.9 95.9#

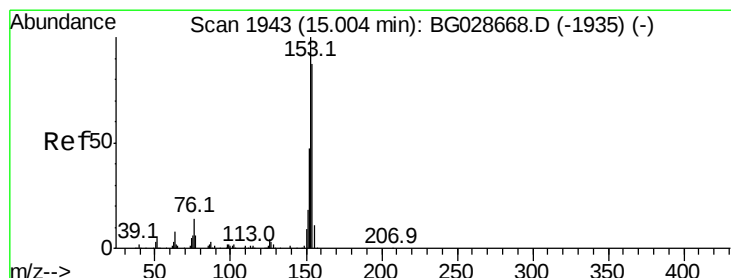
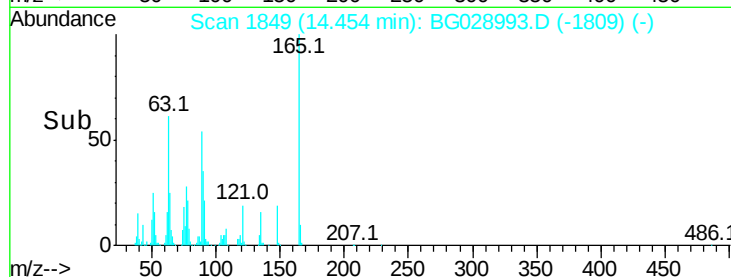
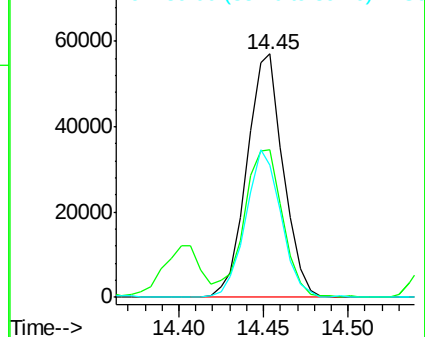
89 54.4 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#51

Acenaphthene

Concen: 40.831 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

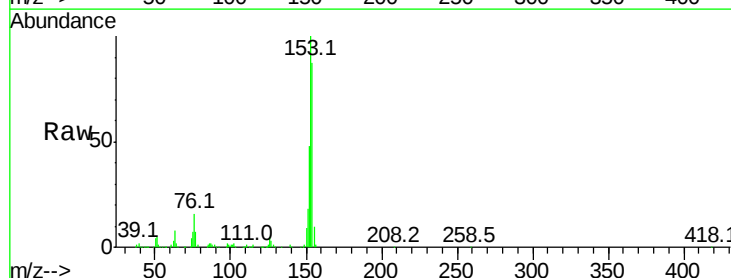
Tgt Ion:154 Resp: 249079

Ion Ratio Lower Upper

154 100

153 114.4 87.8 131.6

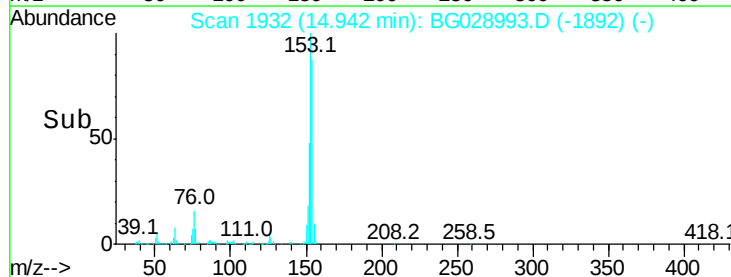
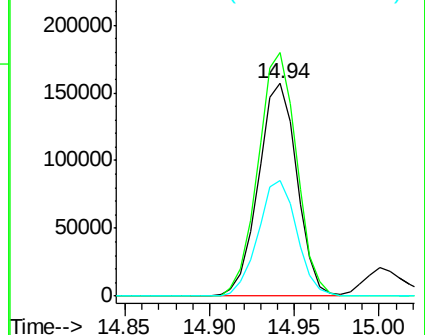
152 54.6 42.2 63.4

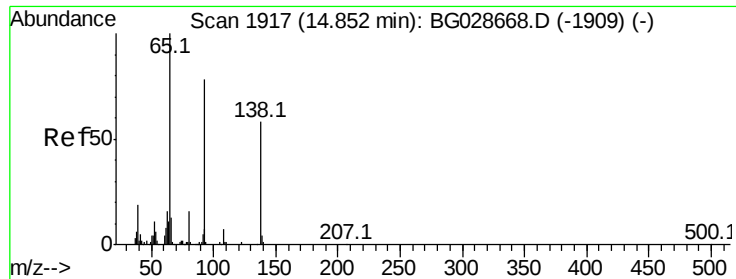


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

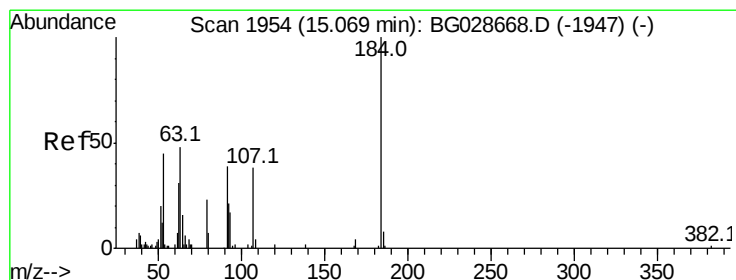
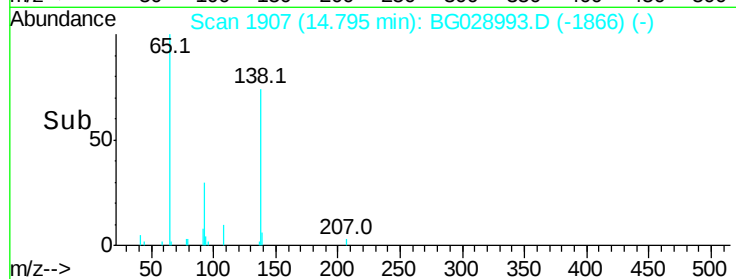
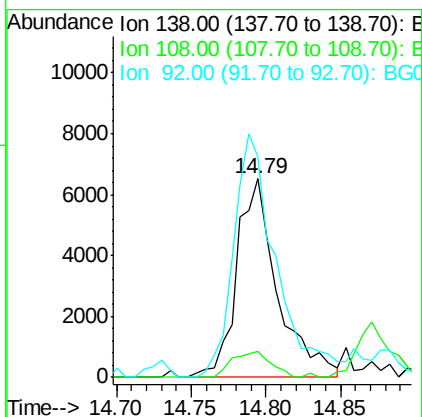
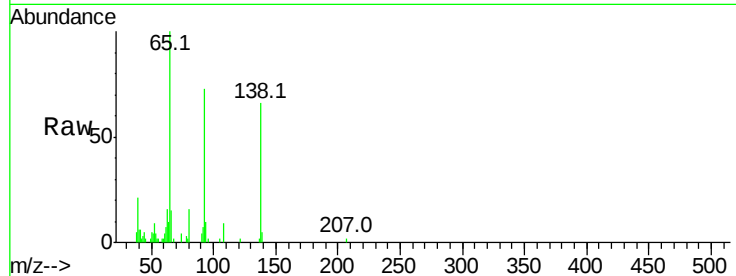




#52
3-Nitroaniline
Concen: 7.210 ng
RT: 14.79 min Scan# 1907
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

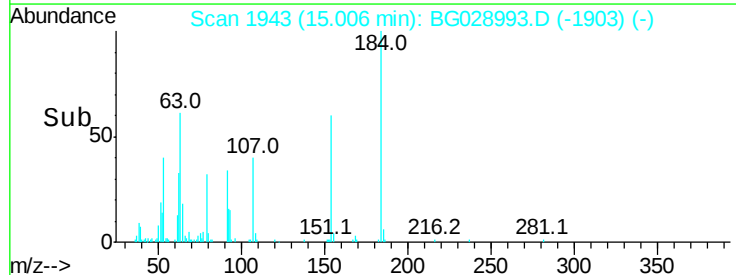
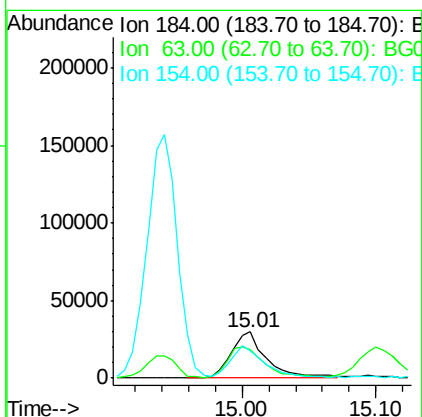
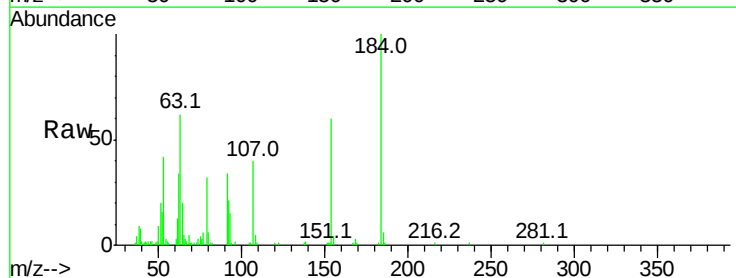
Instrument :
BNA_G
ClientSampled :

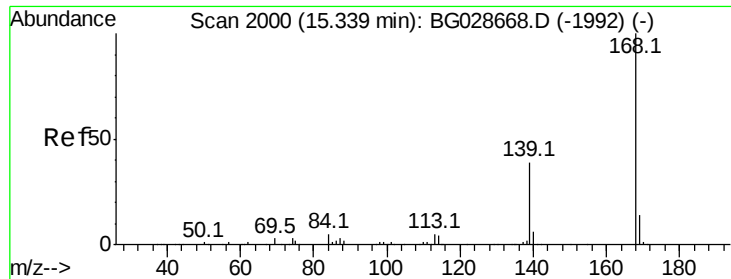
Tot Ion:138 Resp: 12383
Ion Ratio Lower Upper
138 100
108 13.4 10.9 16.3
92 111.4 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 55.880 ng
RT: 15.01 min Scan# 1943
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:184 Resp: 54440
Ion Ratio Lower Upper
184 100
63 62.4 52.7 79.1
154 60.4 57.3 85.9





#54

Dibenzofuran

Concen: 44.271 ng

RT: 15.28 min Scan# 1989

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

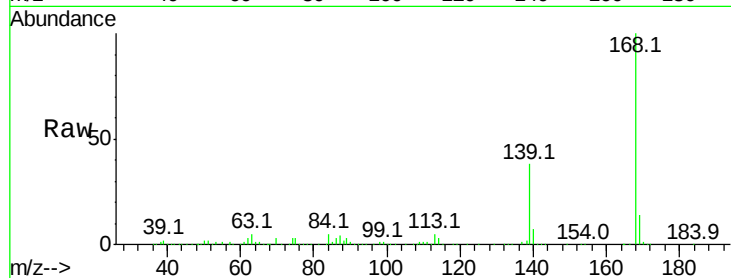
Tot Ion:168 Resp: 430673

Ion Ratio Lower Upper

168 100

139 37.8 35.3 52.9

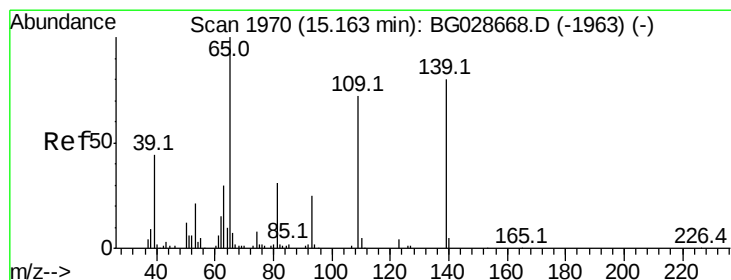
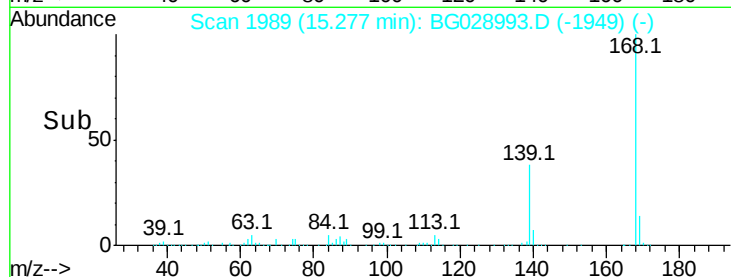
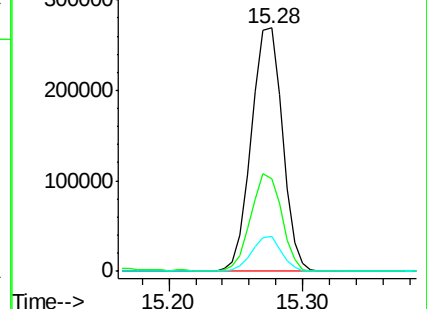
169 14.3 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 86.193 ng

RT: 15.10 min Scan# 1959

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

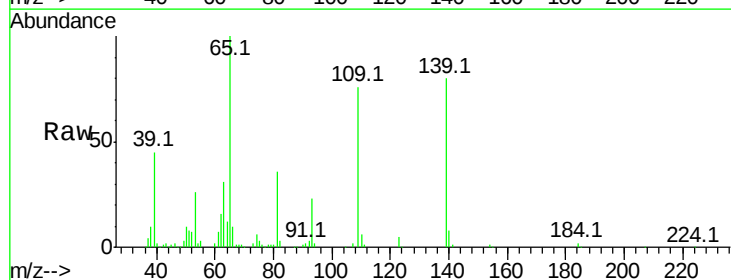
Tgt Ion:139 Resp: 108454

Ion Ratio Lower Upper

139 100

109 95.4 101.2 141.2#

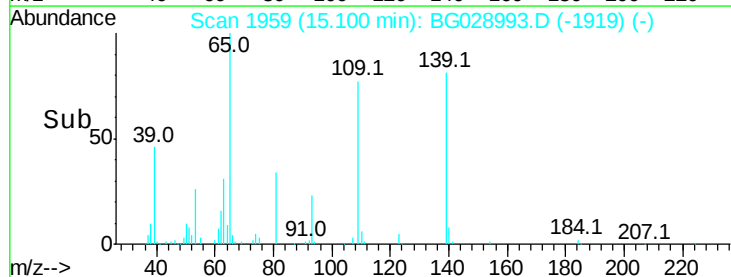
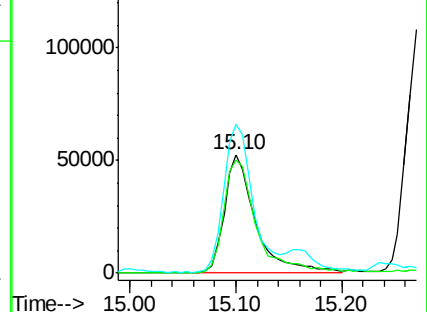
65 125.3 135.3 175.3#

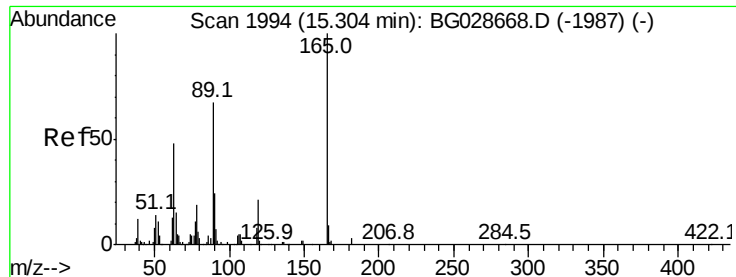


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 44.733 ng

RT: 15.24 min Scan# 1983

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 122153

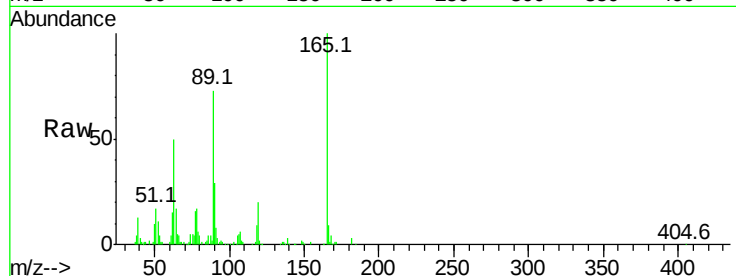
Ion Ratio Lower Upper

165 100

63 49.6 44.0 66.0

89 72.9 67.3 100.9

182 2.6 3.8 5.6#

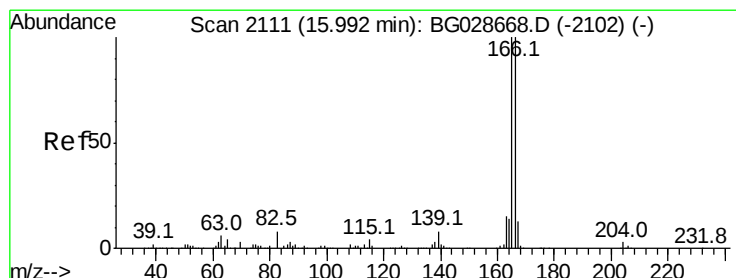
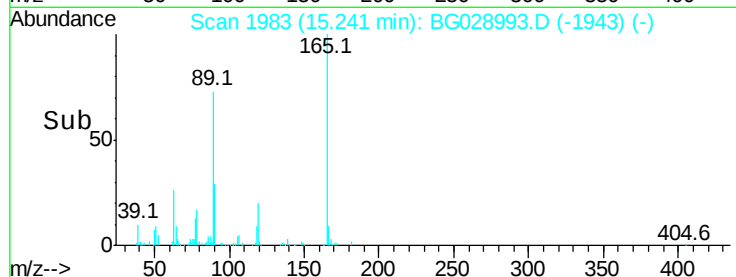
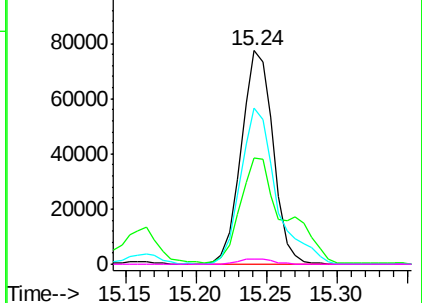


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 42.880 ng

RT: 15.92 min Scan# 2099

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

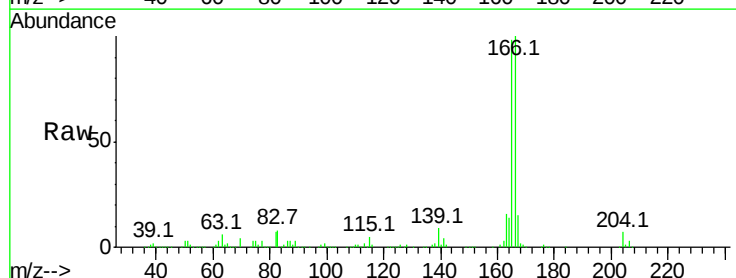
Tgt Ion:166 Resp: 372405

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

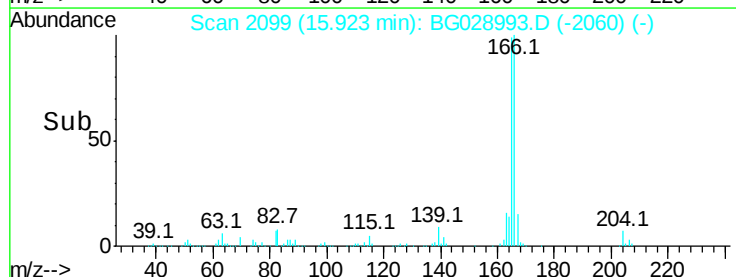
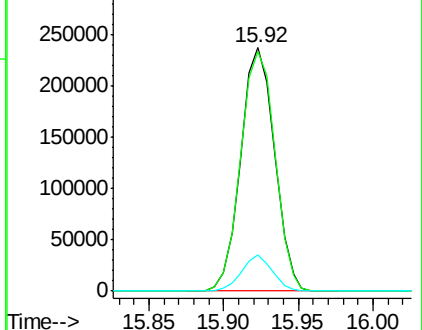
167 14.7 11.6 17.4

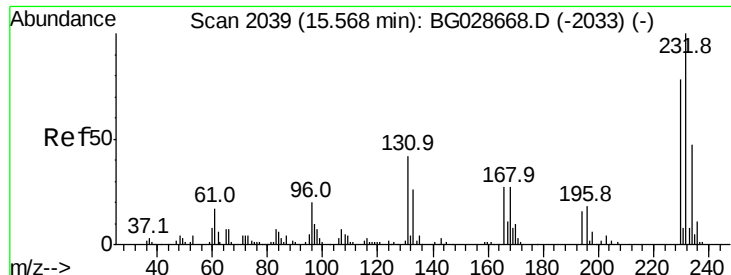


Abundance Ion 166.00 (165.70 to 166.70): E

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: 49.035 ng

RT: 15.51 min Scan# 2028

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 117951

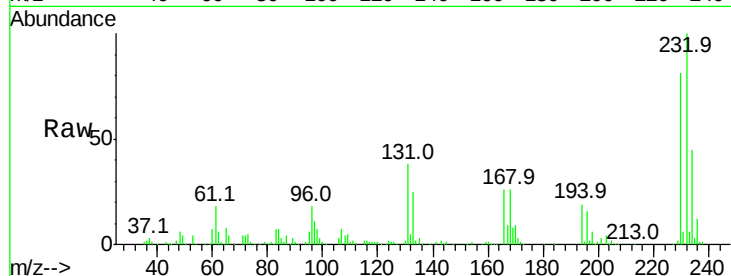
Ion Ratio Lower Upper

232 100

131 38.8 34.9 52.3

130 2.5 2.3 3.5

166 29.1 24.2 36.4

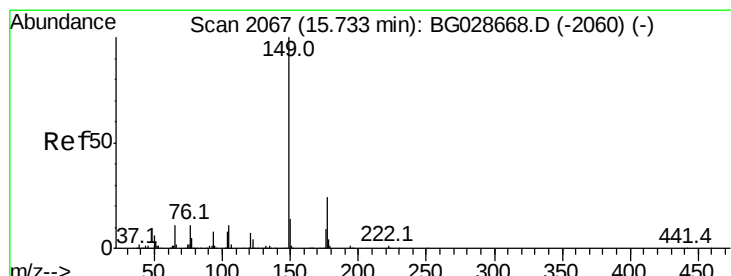
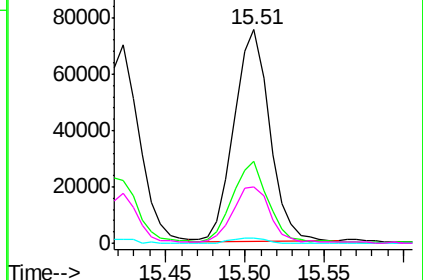
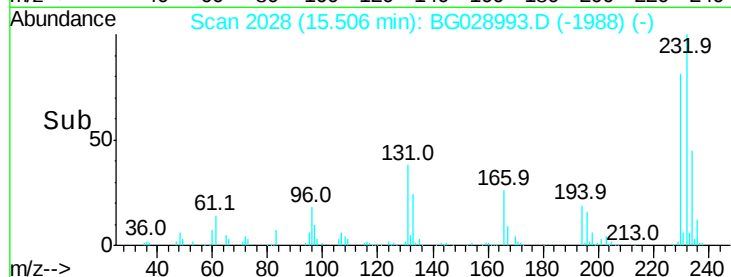


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.506 ng

RT: 15.68 min Scan# 2057

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

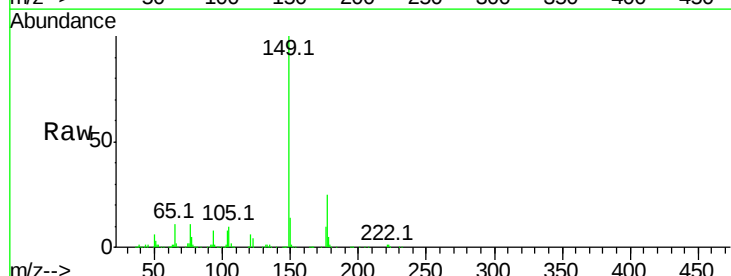
Tgt Ion:149 Resp: 381250

Ion Ratio Lower Upper

149 100

177 24.6 20.1 30.1

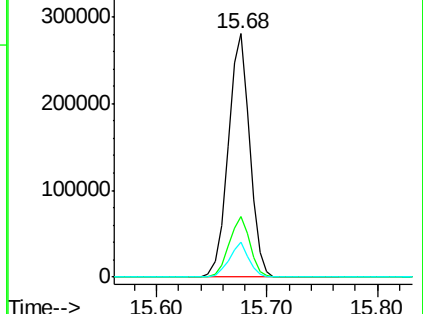
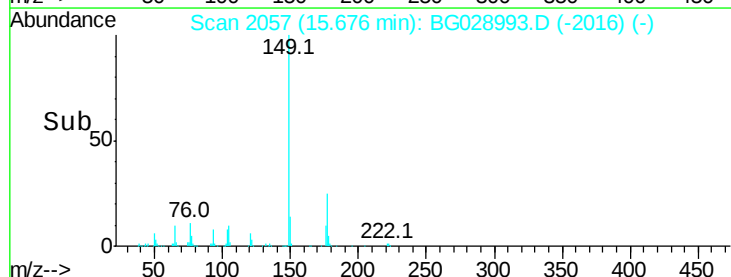
150 14.2 10.2 15.2

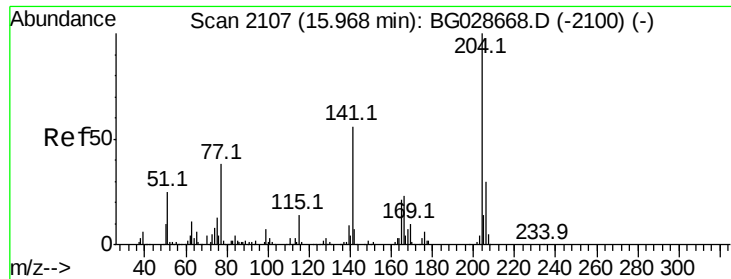


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

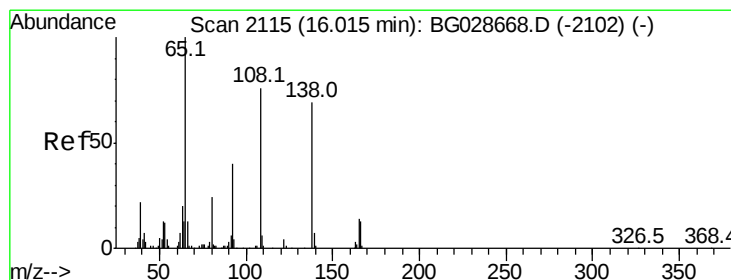
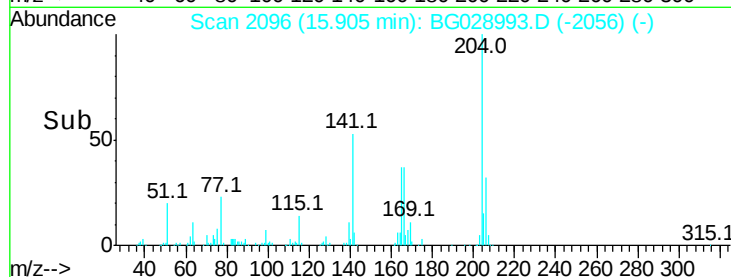
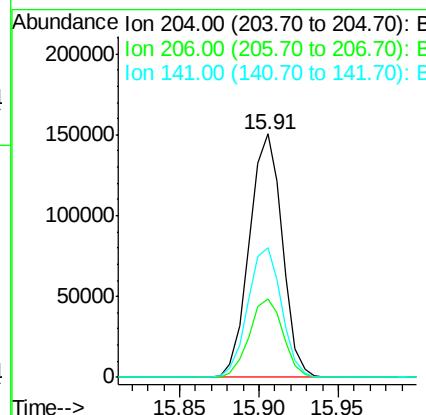
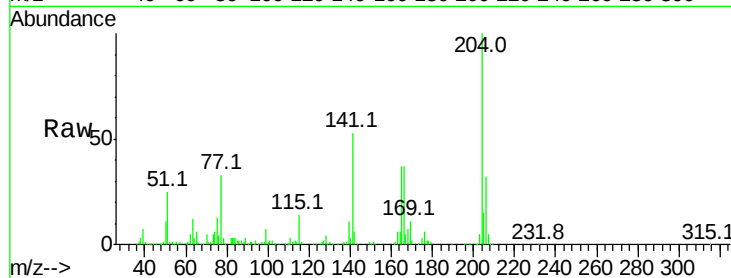




#60
4-Chlorophenyl-phenylether
Concen: 43.813 ng
RT: 15.91 min Scan# 2096
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

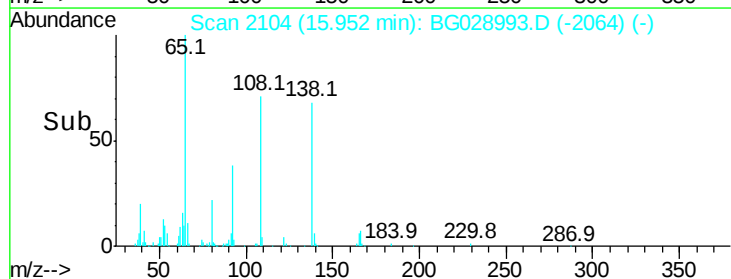
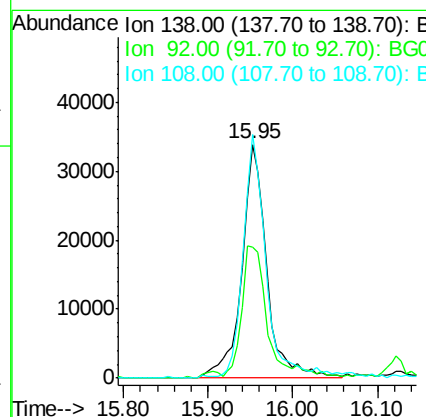
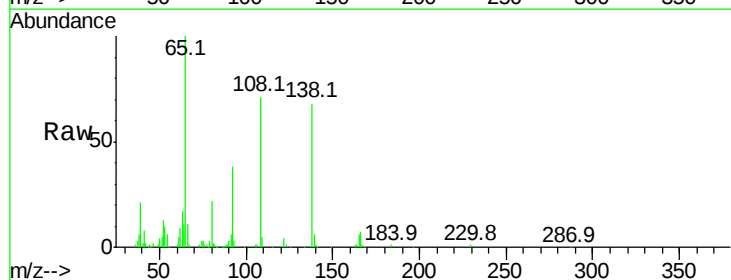
Instrument :
BNA_G
ClientSampled :

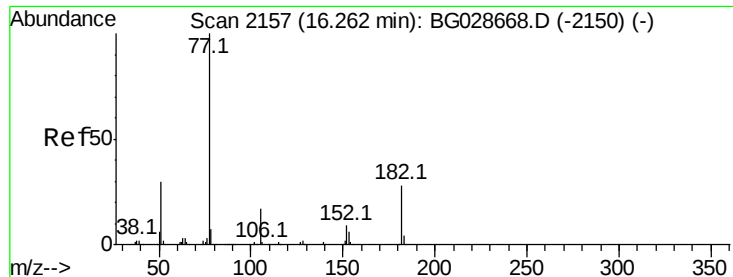
Tot Ion:204 Resp: 216672
Ion Ratio Lower Upper
204 100
206 32.1 30.1 45.1
141 53.1 50.6 76.0



#61
4-Nitroaniline
Concen: 37.815 ng
RT: 15.95 min Scan# 2104
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:138 Resp: 68802
Ion Ratio Lower Upper
138 100
92 56.3 44.2 84.2
108 104.2 104.8 144.8#

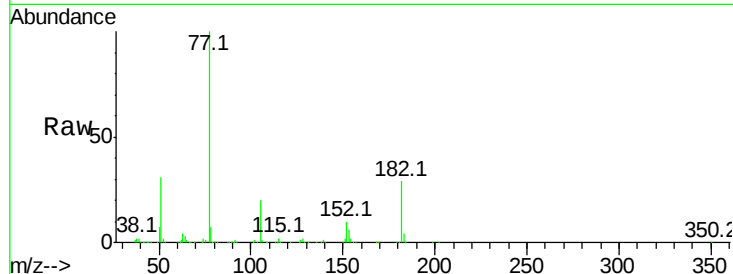




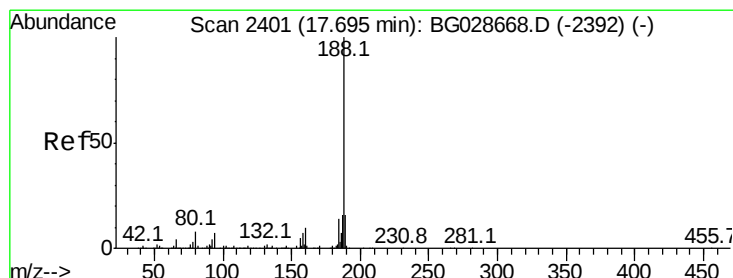
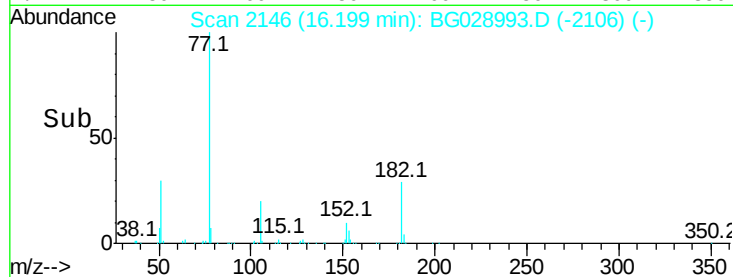
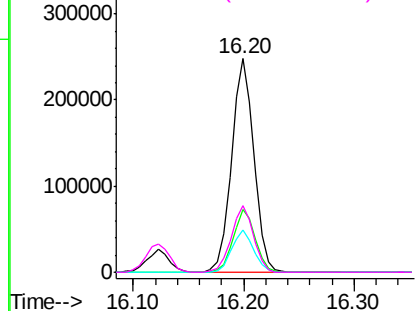
#62
Azobenzene
Concen: 46.448 ng
RT: 16.20 min Scan# 2146
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 350379
Ion Ratio Lower Upper
77 100
182 29.3 4.7 44.7
105 19.8 0.0 36.3
51 31.0 16.4 56.4

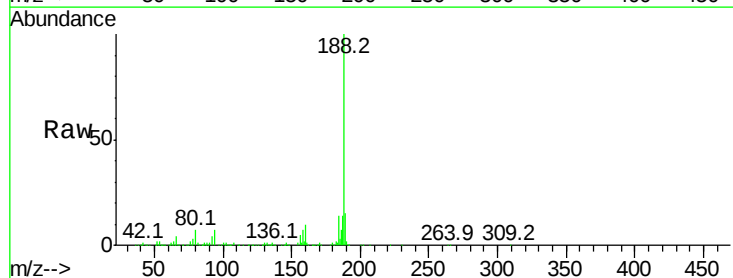


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

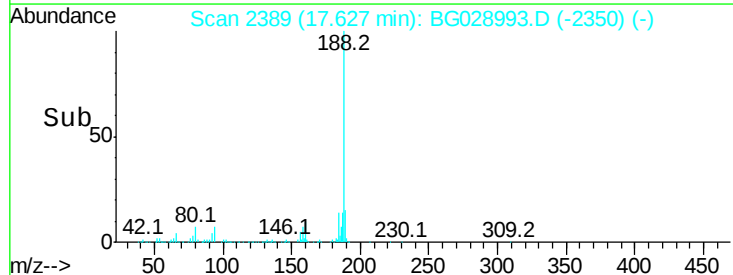
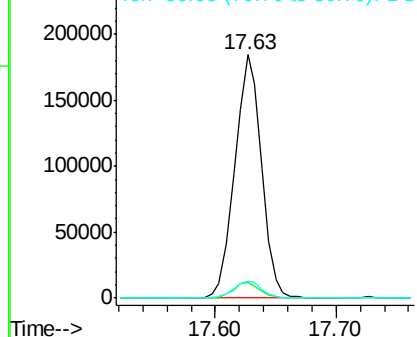


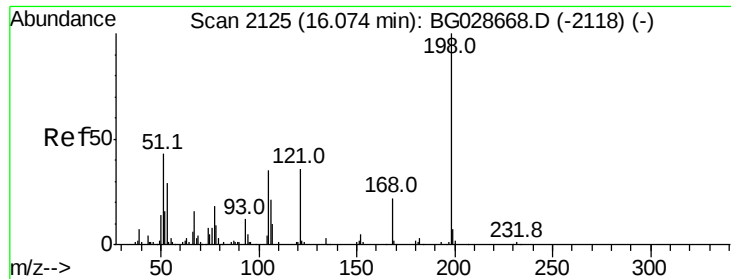
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2389
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion: 188 Resp: 282955
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.0 7.5 11.3#



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

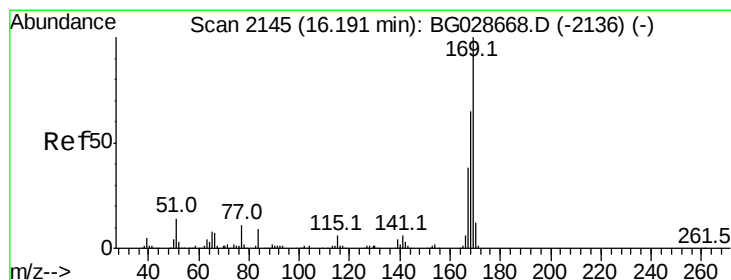
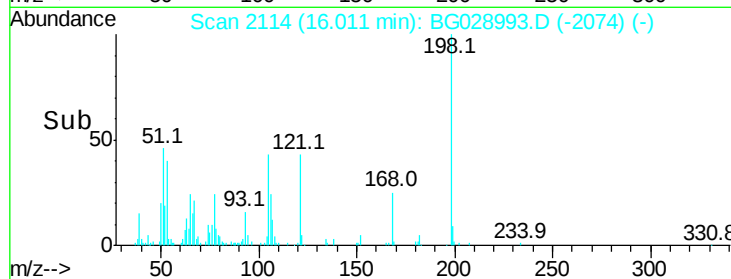
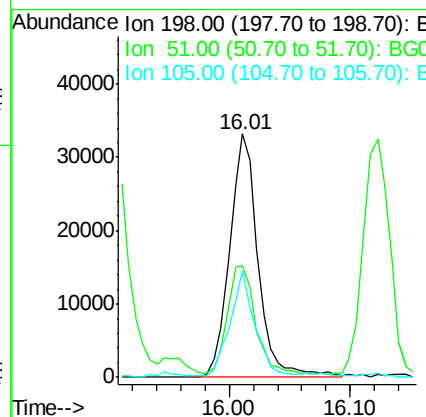
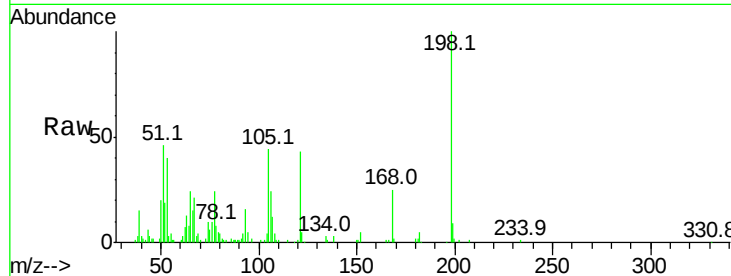




#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.518 ng
 RT: 16.01 min Scan# 2114
 Delta R.T. -0.06 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

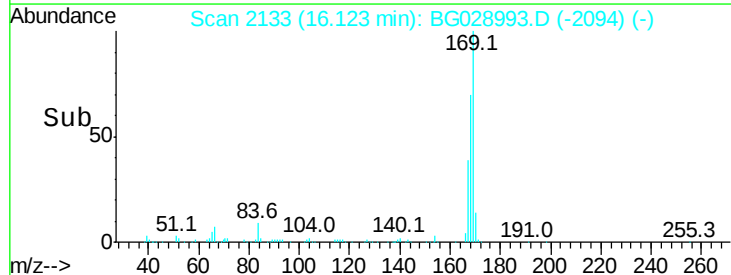
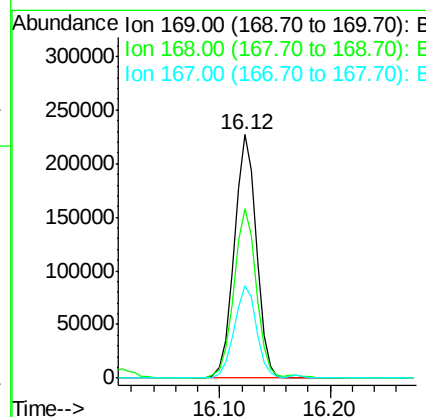
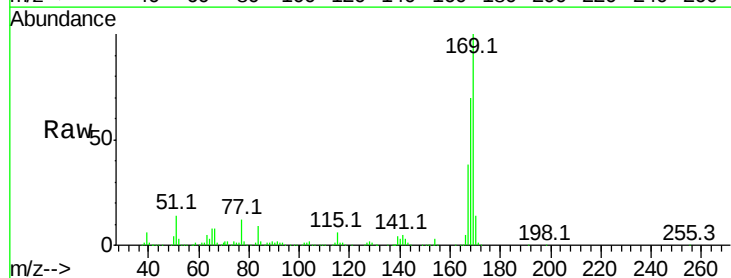
Instrument :
 BNA_G
 ClientSampleId :

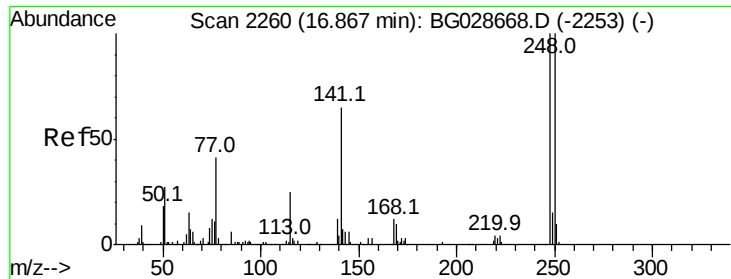
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.8	22.6	62.6
105	43.7	14.4	54.4



#65
 n-Nitrosodiphenylamine
 Concen: 39.542 ng
 RT: 16.12 min Scan# 2133
 Delta R.T. -0.07 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.7	83.5
167	37.9	29.8	44.6

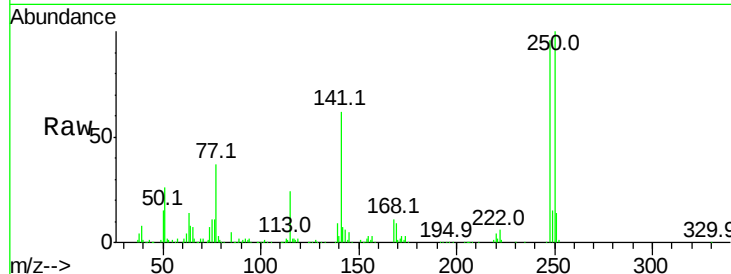




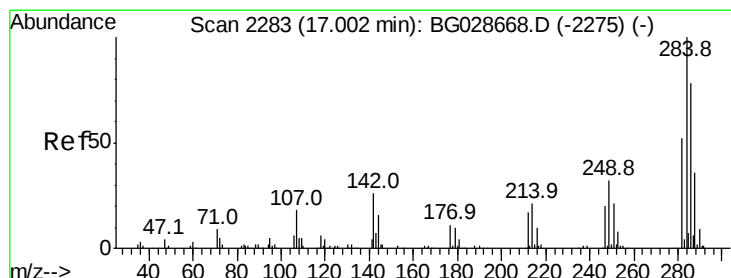
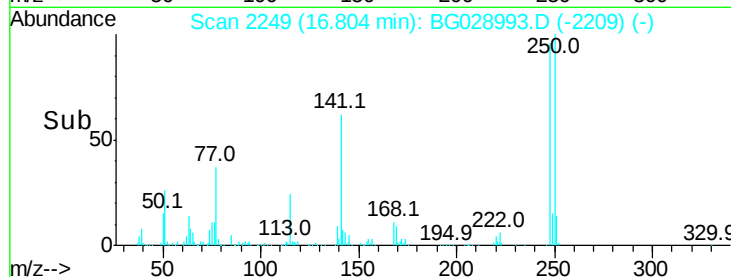
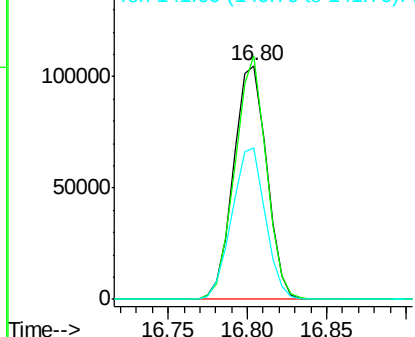
#66
4-Bromophenyl-phenylether
Concen: 41.851 ng
RT: 16.80 min Scan# 2249
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 152374
Ion Ratio Lower Upper
248 100
250 104.2 75.0 112.6
141 64.7 55.2 82.8

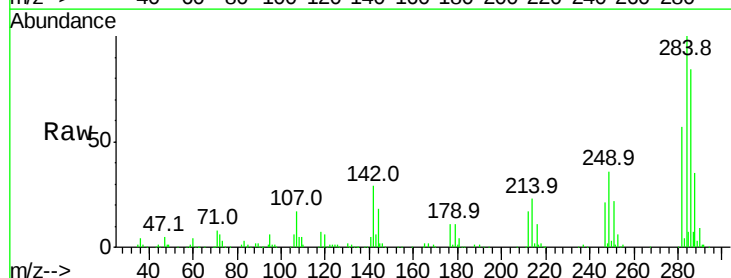


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

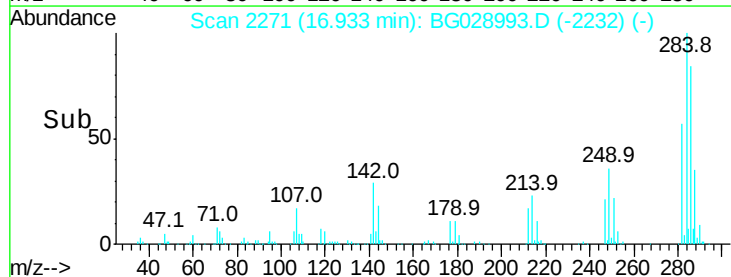
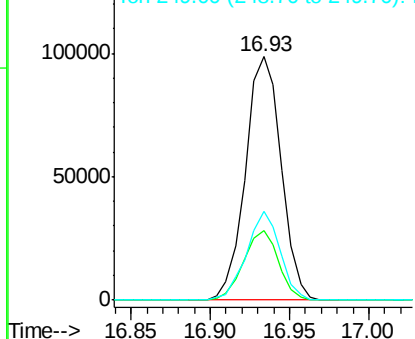


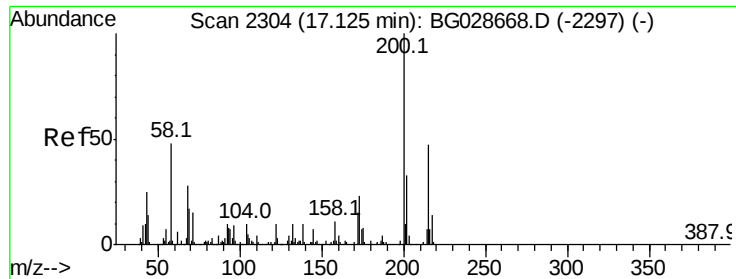
#67
Hexachlorobenzene
Concen: 37.179 ng
RT: 16.93 min Scan# 2271
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:284 Resp: 154065
Ion Ratio Lower Upper
284 100
142 28.7 29.9 44.9#
249 36.3 29.2 43.8



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

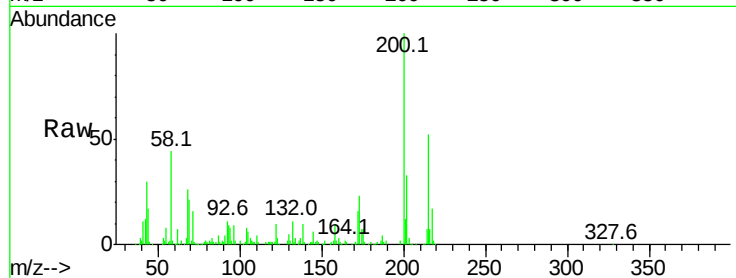




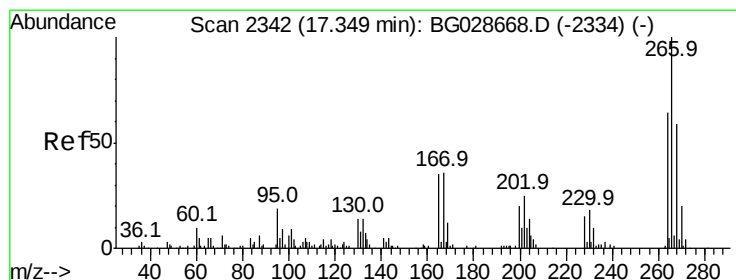
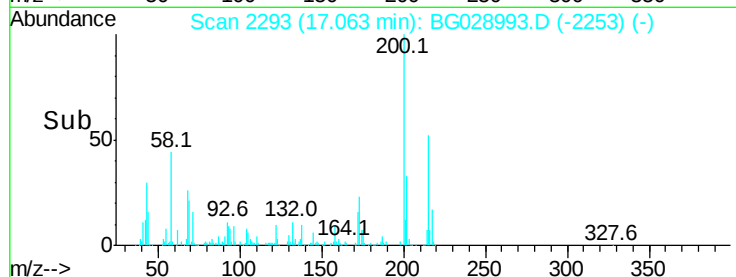
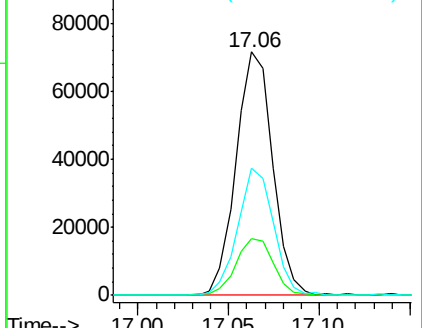
#68
Atrazine
Concen: 28.994 ng
RT: 17.06 min Scan# 2293
Delta R.T. -0.06 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.0	43.0
215	52.0	28.4	68.4

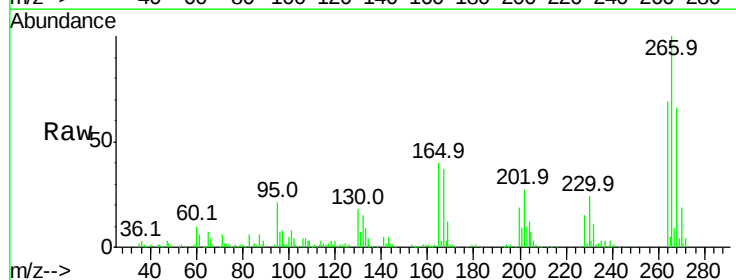


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

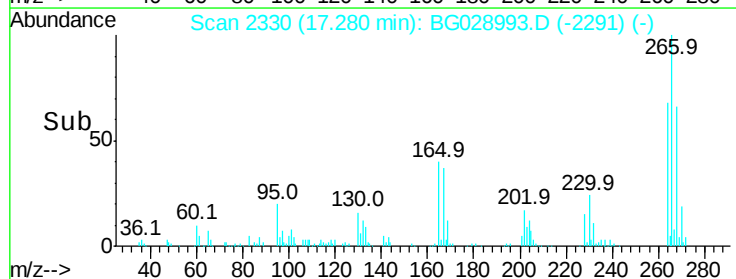
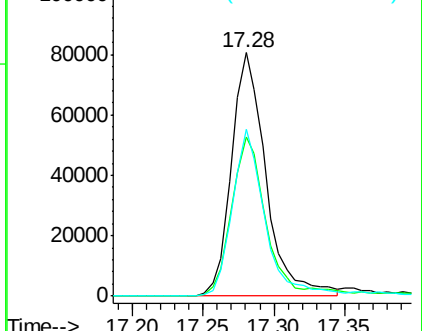


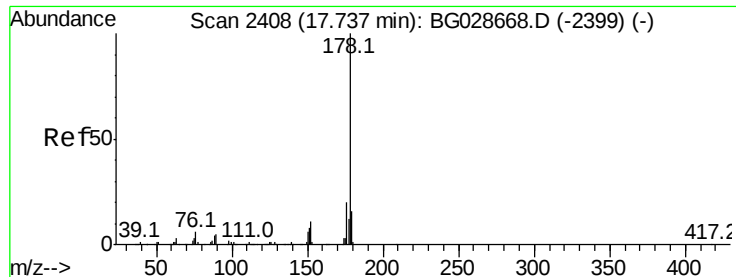
#69
Pentachlorophenol
Concen: 73.411 ng
RT: 17.28 min Scan# 2330
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	48.6	72.8
264	68.5	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: 42.647 ng

RT: 17.67 min Scan# 2396

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

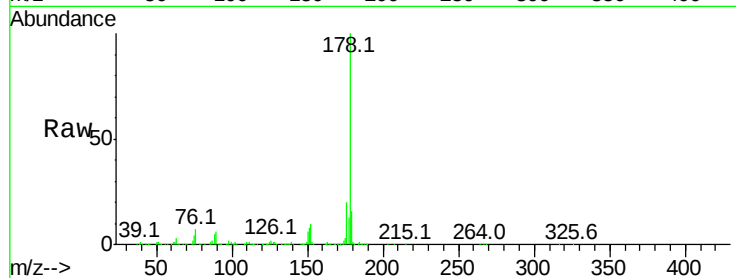
Tot Ion:178 Resp: 617091

Ion Ratio Lower Upper

178 100

176 20.1 17.7 26.5

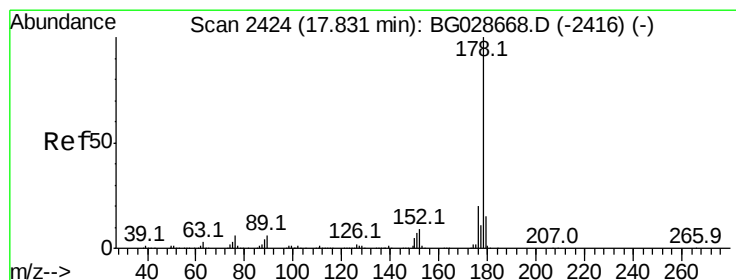
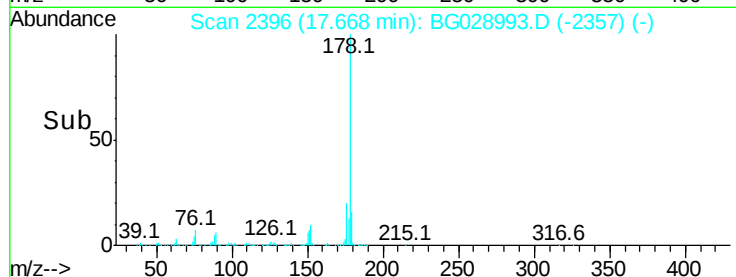
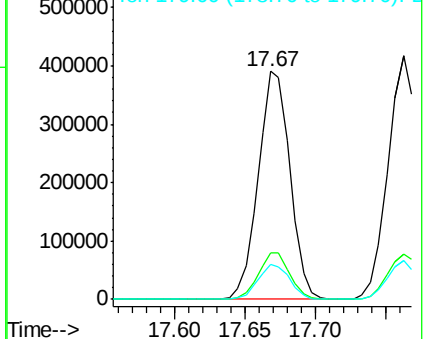
179 15.5 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.646 ng

RT: 17.76 min Scan# 2412

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

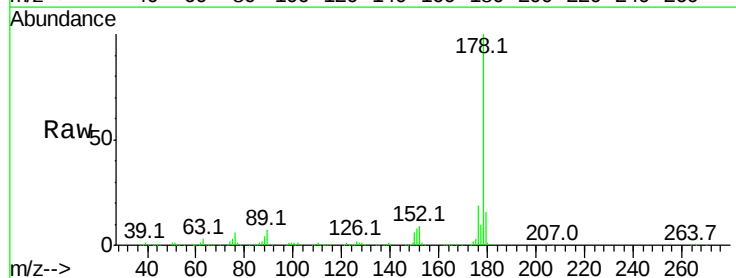
Tgt Ion:178 Resp: 623351

Ion Ratio Lower Upper

178 100

176 18.8 16.4 24.6

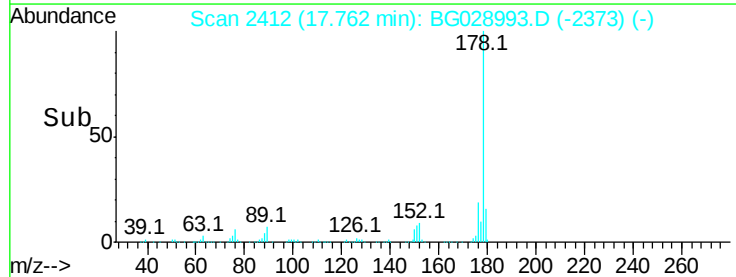
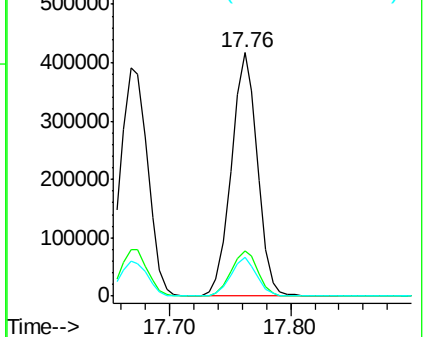
179 16.0 13.8 20.8

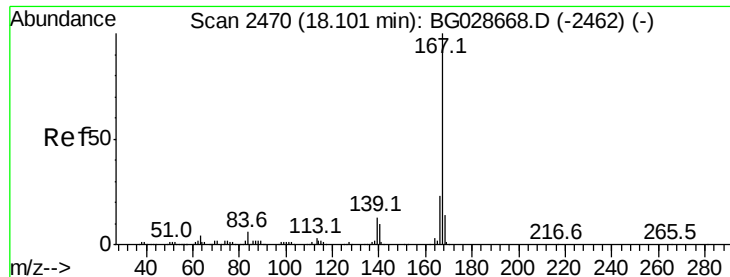


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.465 ng

RT: 18.03 min Scan# 2458

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

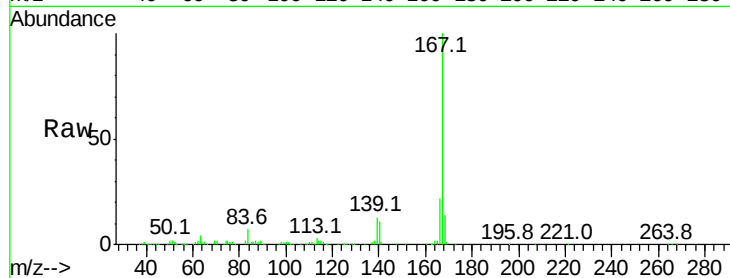
Tot Ion:167 Resp: 532703

Ion Ratio Lower Upper

167 100

166 22.0 20.2 30.2

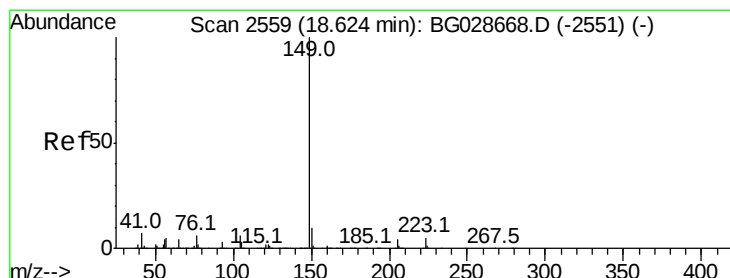
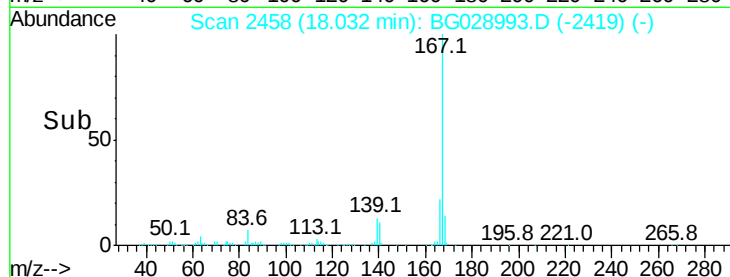
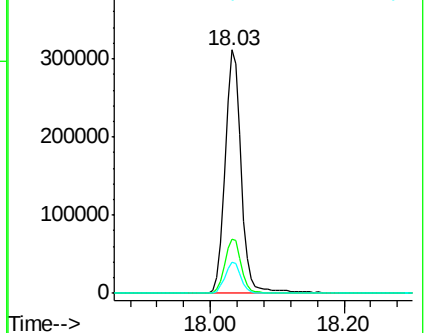
139 12.8 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.705 ng

RT: 18.56 min Scan# 2548

Delta R.T. -0.06 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

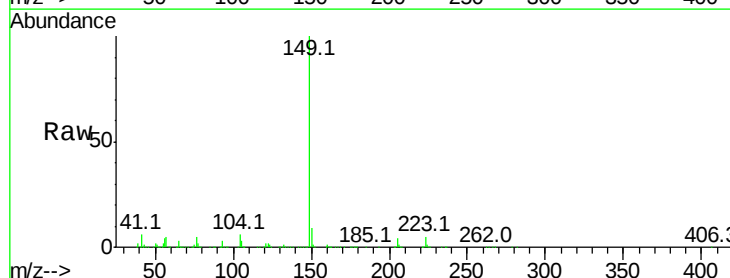
Tgt Ion:149 Resp: 657043

Ion Ratio Lower Upper

149 100

150 9.2 9.1 13.7

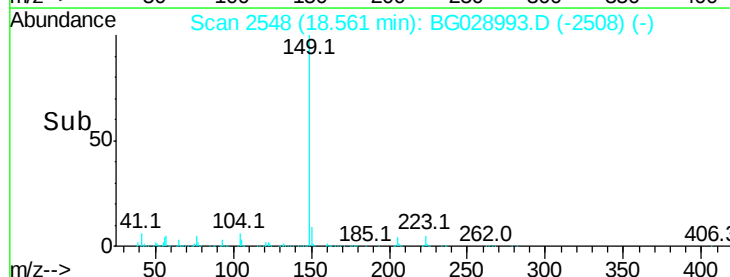
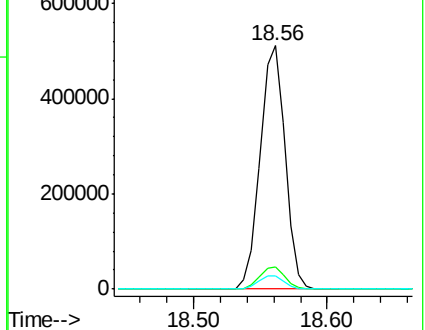
104 5.6 6.7 10.1#

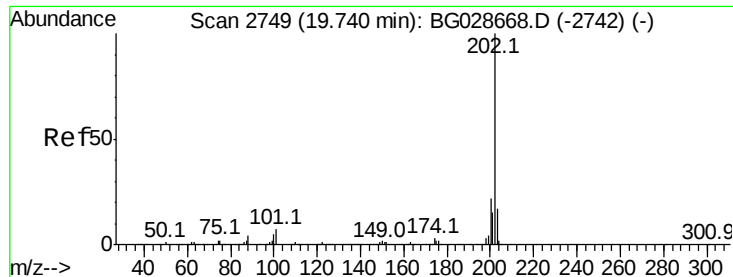


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.419 ng

RT: 19.67 min Scan# 2737

Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

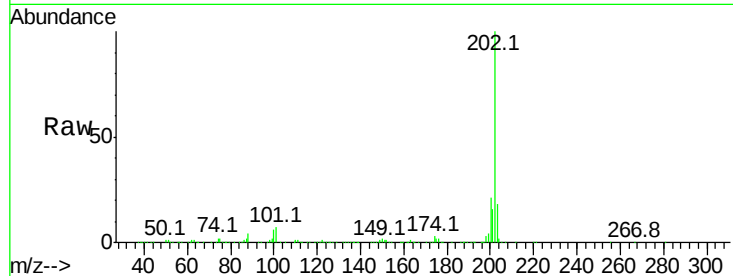
Tot Ion:202 Resp: 767111

Ion Ratio Lower Upper

202 100

101 7.2 0.0 30.1

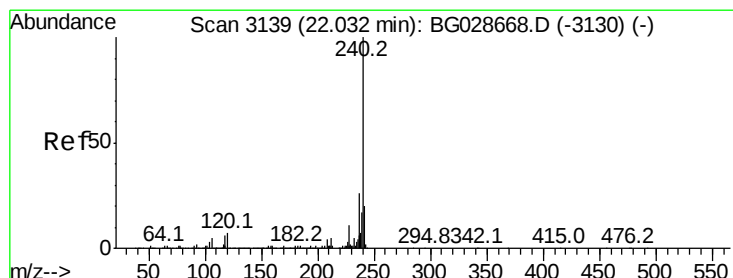
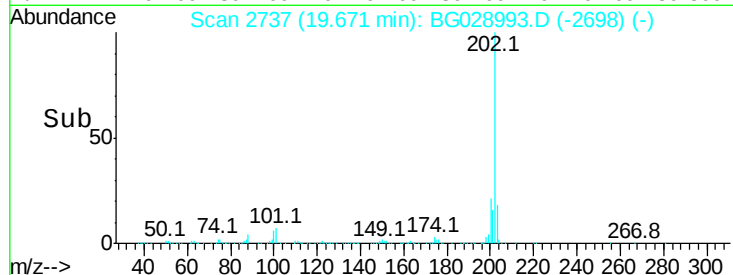
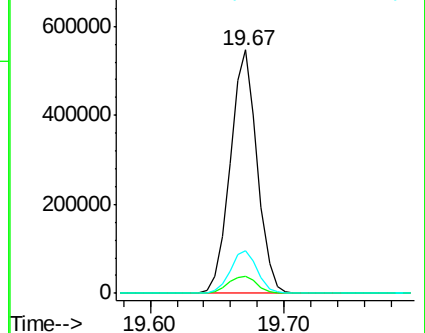
203 17.7 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

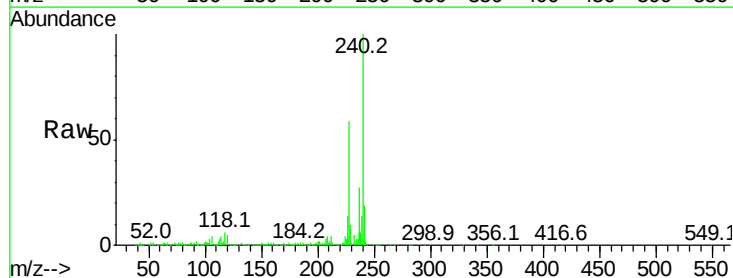
Tgt Ion:240 Resp: 323346

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

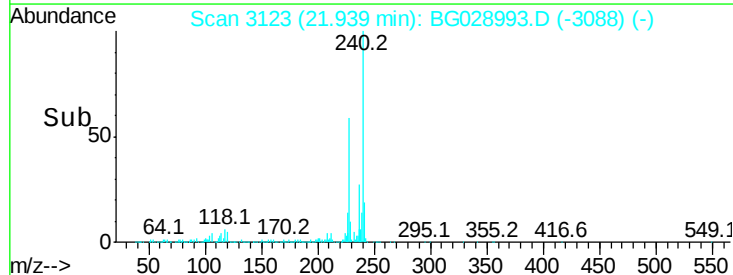
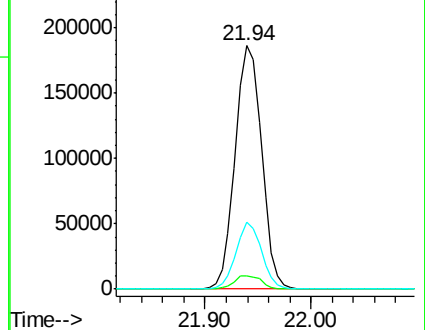
236 27.4 22.2 33.4

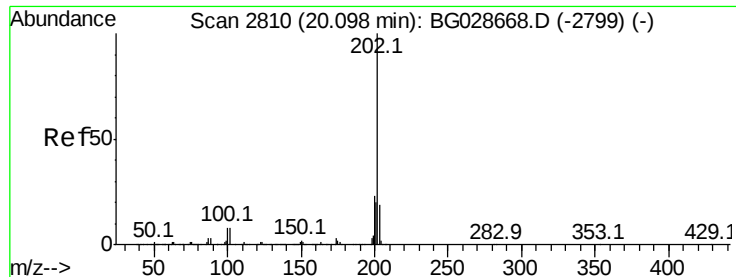


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 42.457 ng

RT: 20.04 min Scan# 2799

Delta R.T. -0.06 min

Lab File: BG028993.D

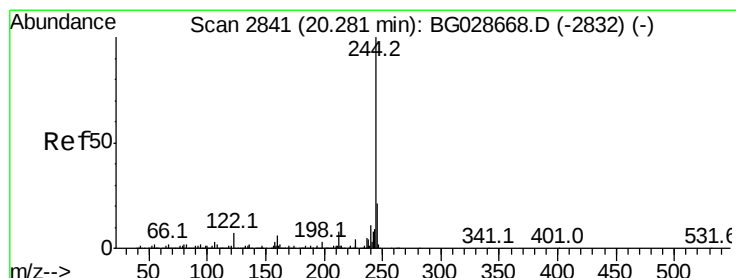
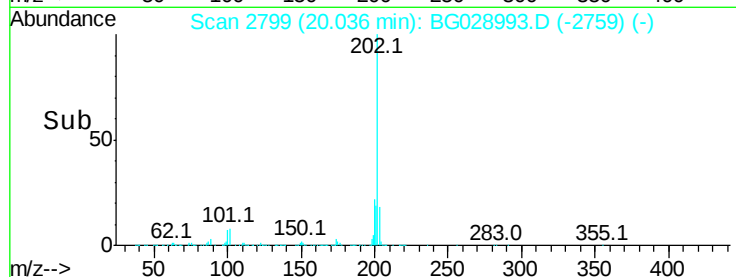
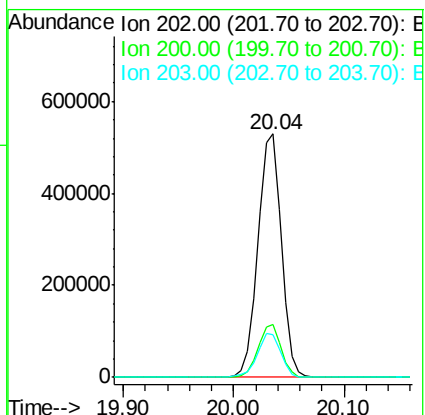
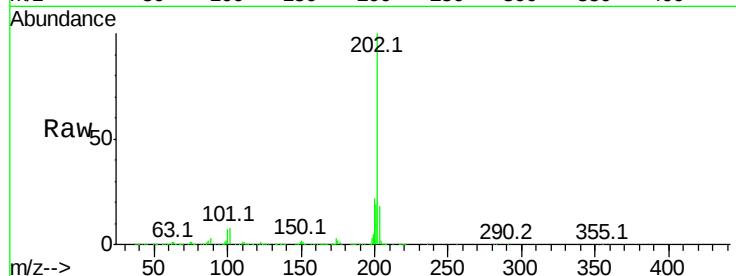
Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	791861
Ion Ratio	Lower	Upper	
202	100		
200	21.9	19.6	29.4
203	17.7	15.8	23.8



#78

Terphenyl-d14

Concen: 89.765 ng

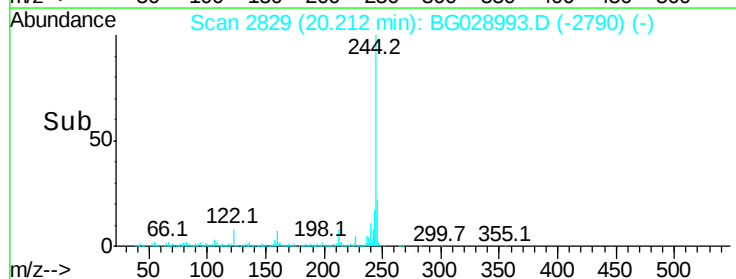
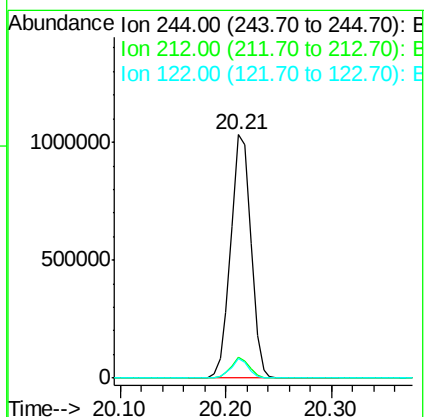
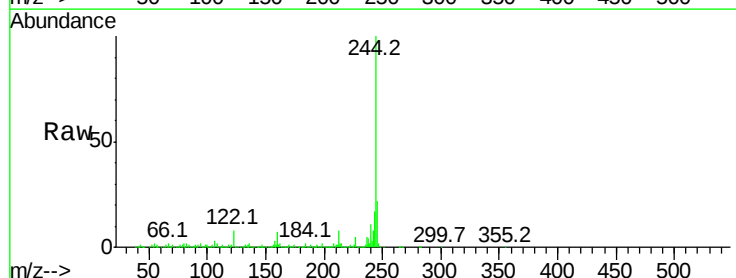
RT: 20.21 min Scan# 2829

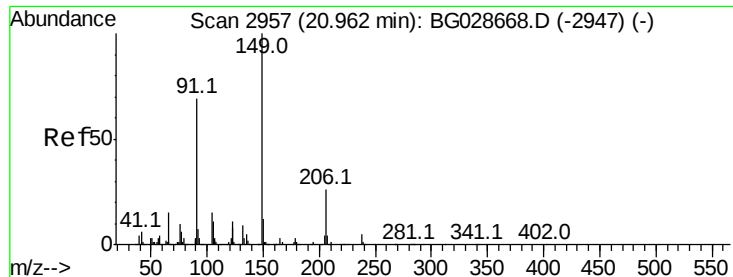
Delta R.T. -0.07 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Tgt Ion:	244	Resp:	1361050
Ion Ratio	Lower	Upper	
244	100		
212	8.4	10.0	15.0#
122	8.0	8.6	12.8#

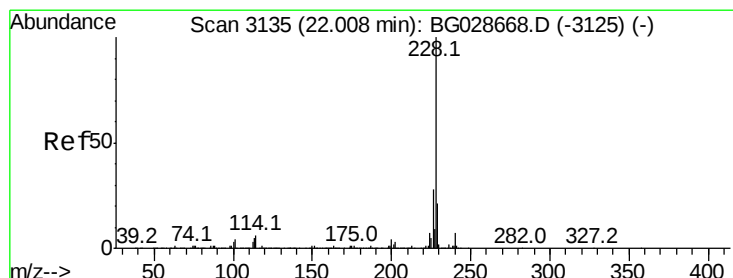
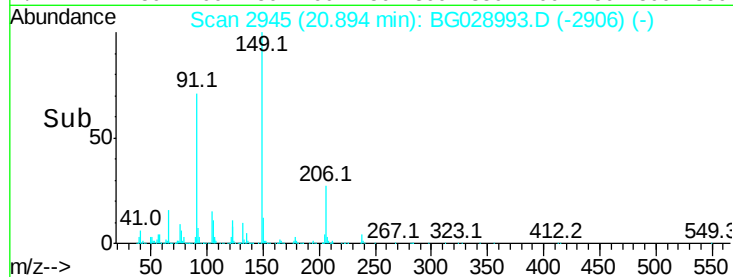
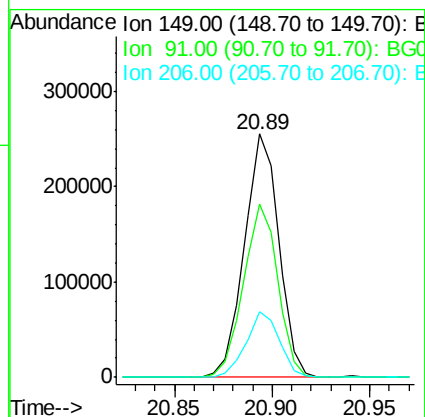
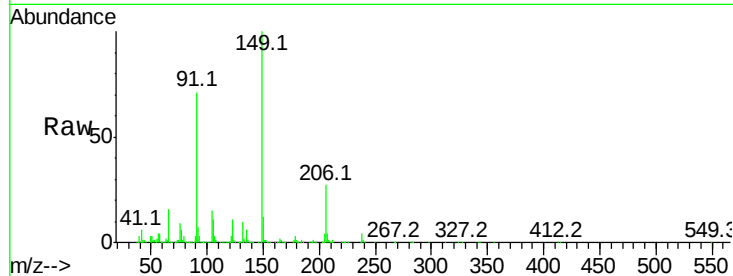




#79
Butylbenzylphthalate
Concen: 41.653 ng
RT: 20.89 min Scan# 2945
Delta R.T. -0.07 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

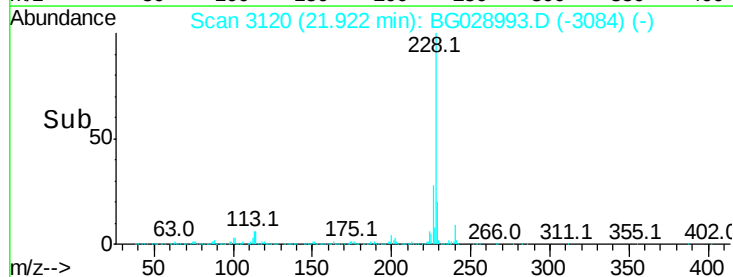
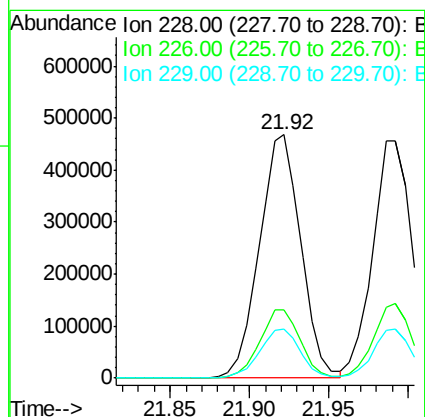
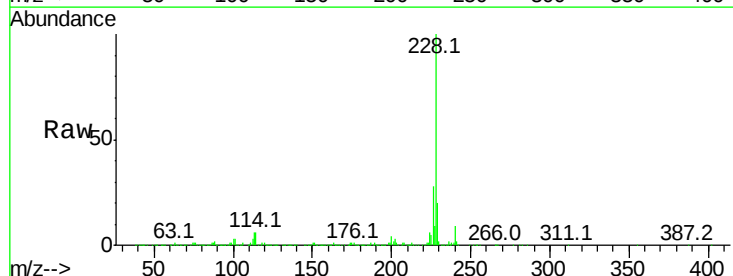
Instrument :
BNA_G
ClientSampleId :

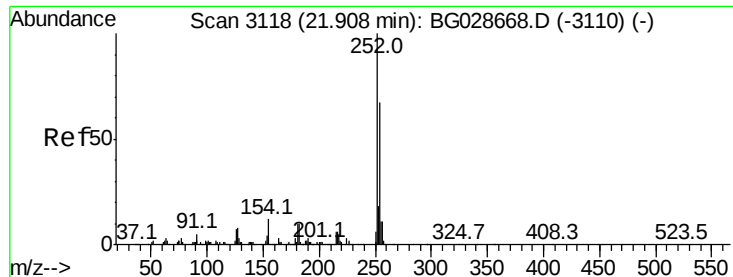
Tot Ion:149 Resp: 313751
Ion Ratio Lower Upper
149 100
91 71.2 63.5 95.3
206 27.0 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.602 ng
RT: 21.92 min Scan# 3120
Delta R.T. -0.09 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion:228 Resp: 848643
Ion Ratio Lower Upper
228 100
226 28.3 24.9 37.3
229 19.9 18.2 27.2





#81

3,3'-Dichlorobenzidine

Concen: 7.714 ng

RT: 21.83 min Scan# 3104

Delta R.T. -0.08 min

Lab File: BG028993.D

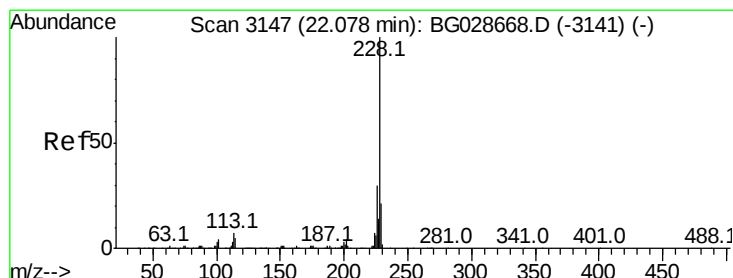
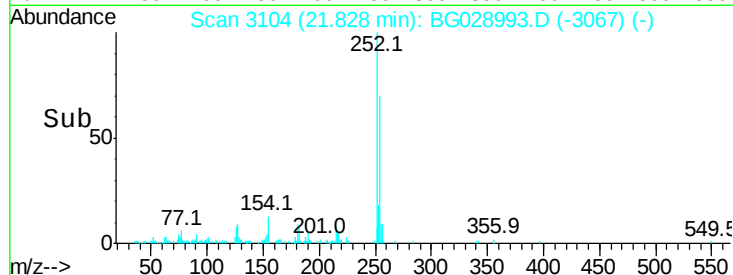
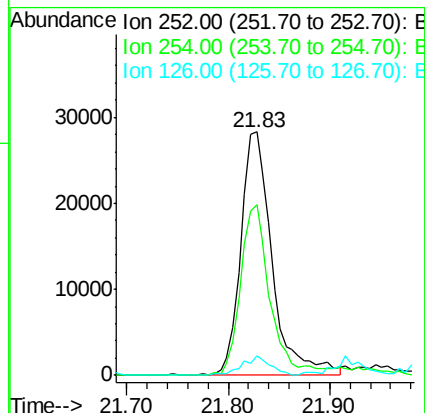
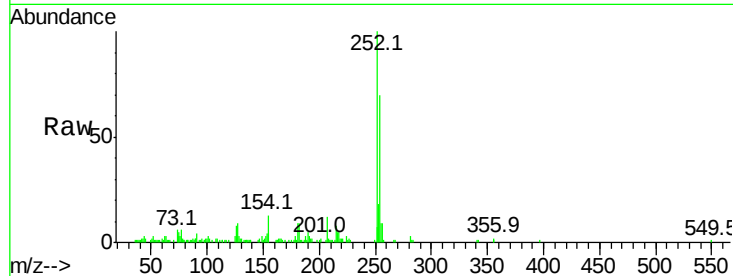
Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	60869
Ion	Ratio	Lower Upper
252	100	
254	70.0	53.1 79.7
126	7.9	7.0 10.4



#82

Chrysene

Concen: 42.709 ng

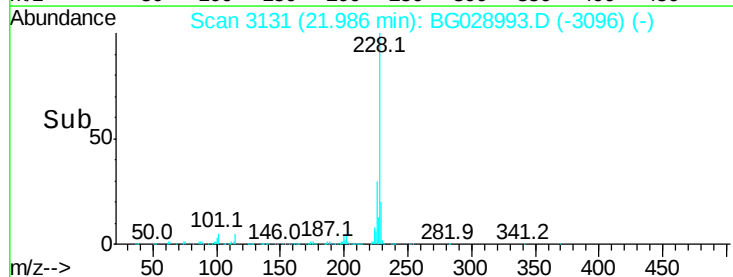
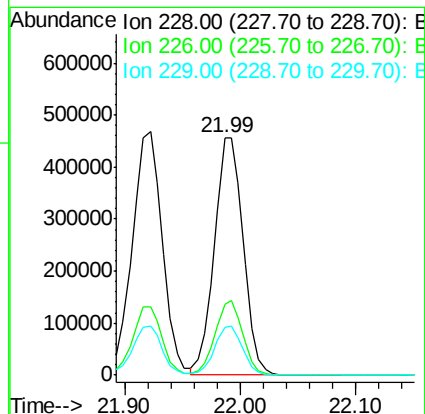
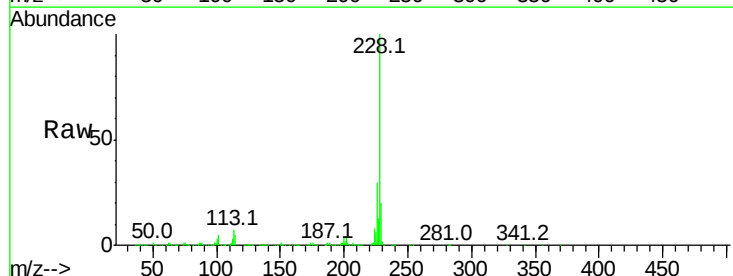
RT: 21.99 min Scan# 3131

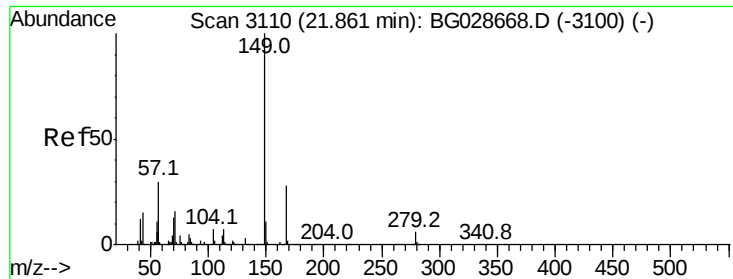
Delta R.T. -0.09 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Tgt Ion:228	Resp:	788713
Ion	Ratio	Lower Upper
228	100	
226	29.8	27.0 40.4
229	20.1	17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.538 ng

RT: 21.78 min Scan# 3096

Delta R.T. -0.08 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

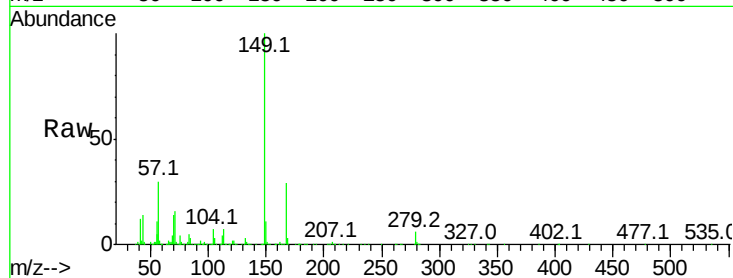
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 444815

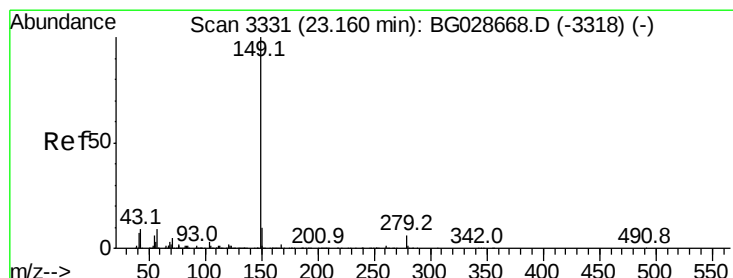
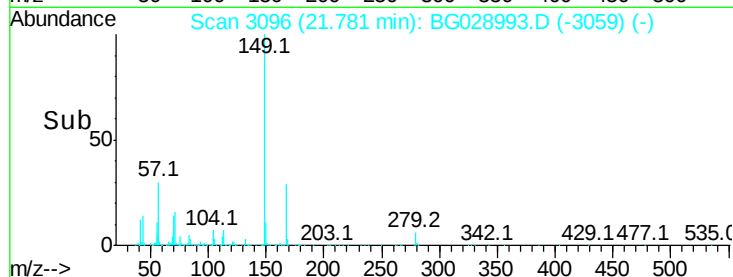
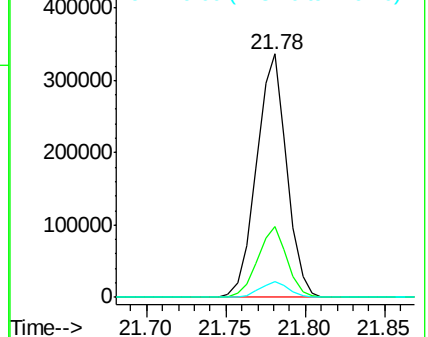
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	6.3	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.268 ng

RT: 23.06 min Scan# 3313

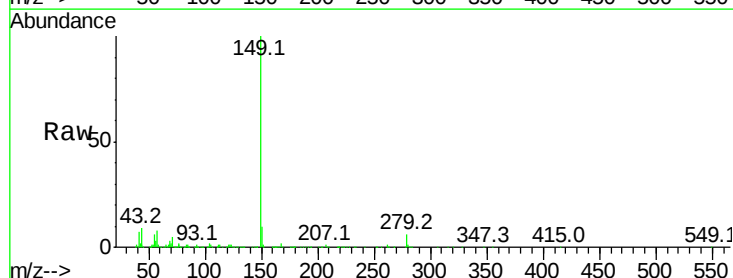
Delta R.T. -0.10 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Tgt Ion:149 Resp: 753412

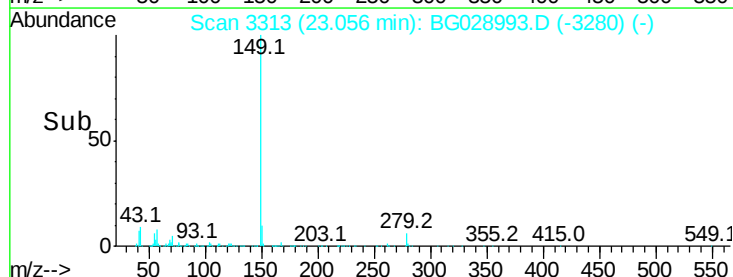
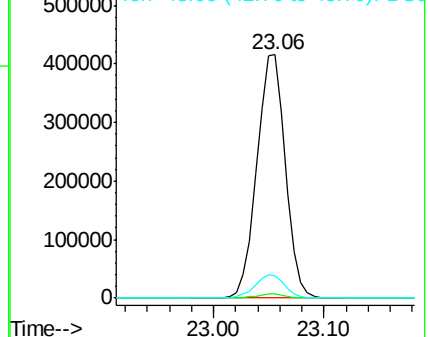
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.9	11.8	17.6#

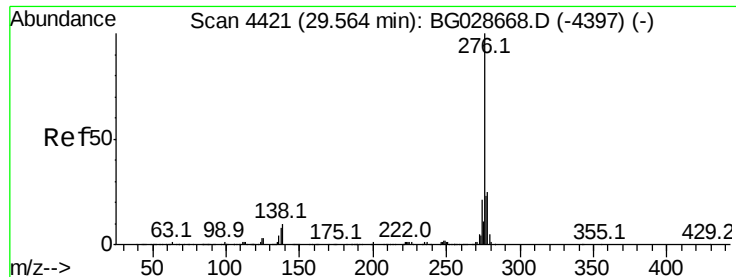


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



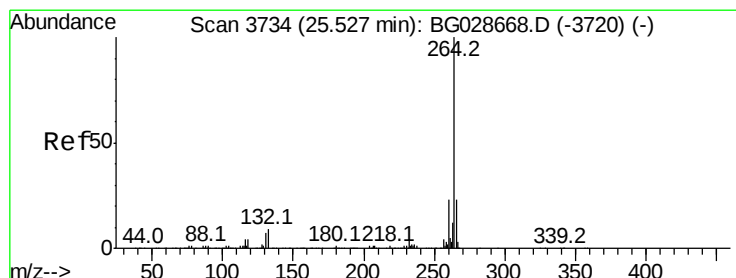
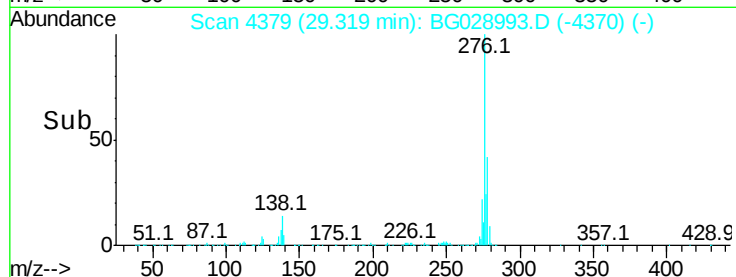
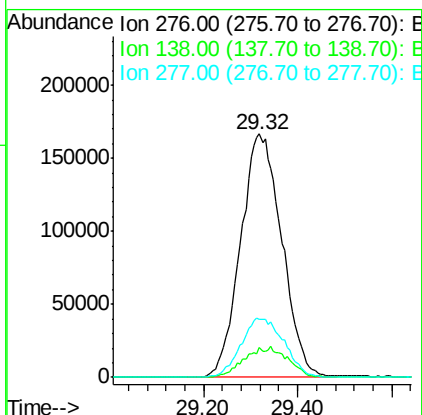
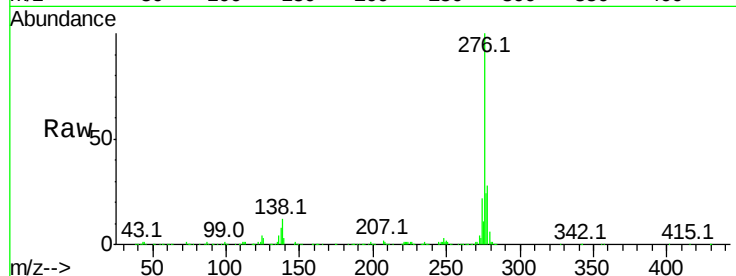


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.768 ng
 RT: 29.32 min Scan# 4379
 Delta R.T. -0.24 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1014786

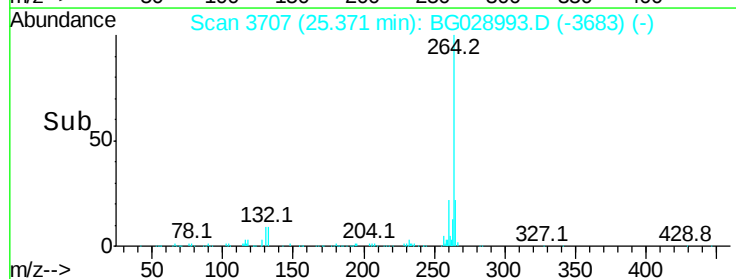
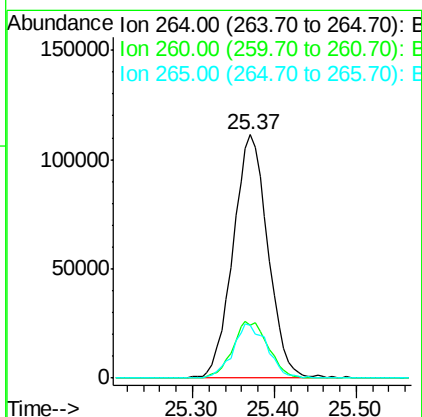
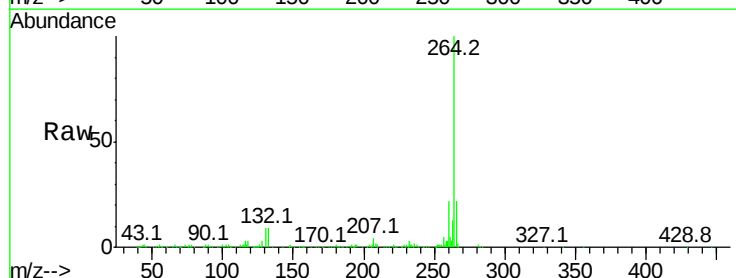
Ion	Ratio	Lower	Upper
276	100		
138	6.7	4.7	7.1
277	25.4	20.6	31.0

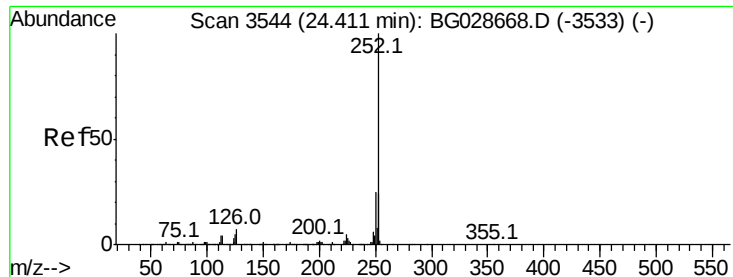


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.37 min Scan# 3707
 Delta R.T. -0.16 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Tgt Ion:264 Resp: 329118

Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	22.0	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 43.015 ng

RT: 24.28 min Scan# 3521

Delta R.T. -0.13 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

Instrument :

BNA_G

ClientSampleId :

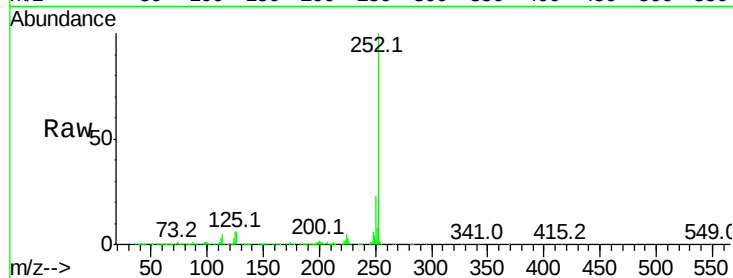
Tot Ion:252 Resp: 848186

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

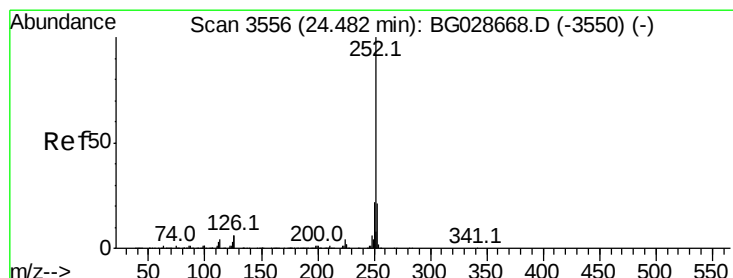
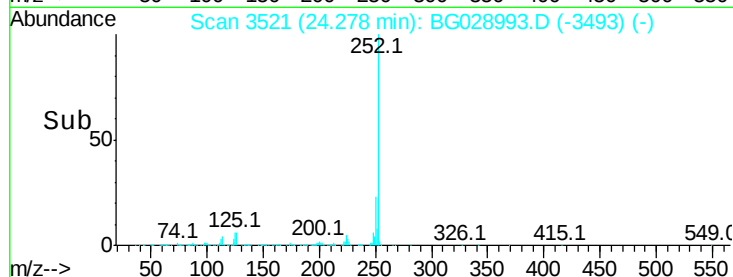
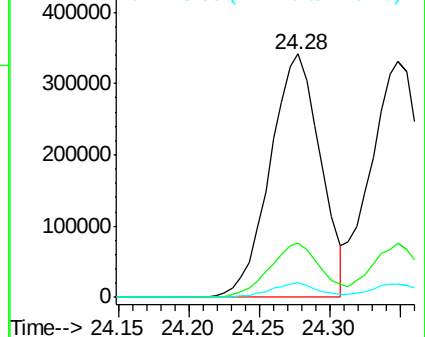
125 6.0 5.3 7.9



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: 41.620 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.13 min

Lab File: BG028993.D

Acq: 1 Oct 2017 00:03

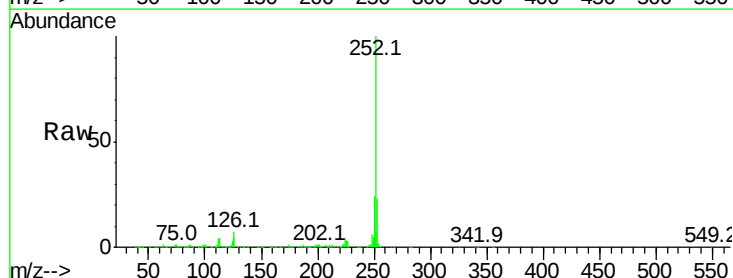
Tgt Ion:252 Resp: 819743

Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

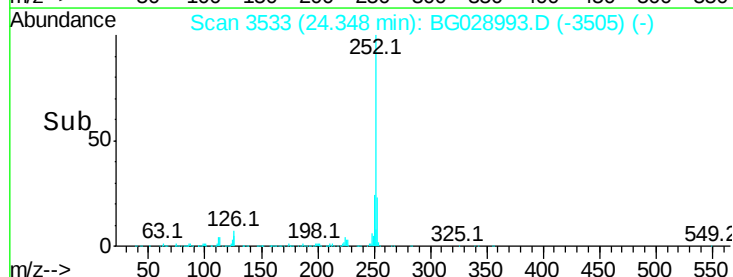
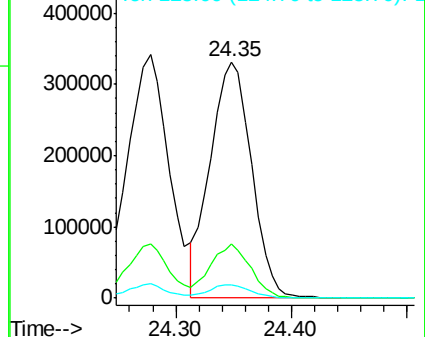
125 5.5 5.1 7.7

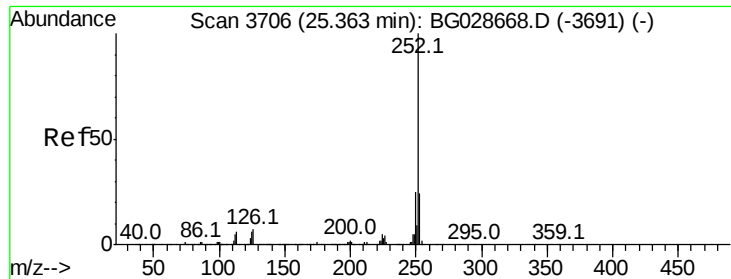


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

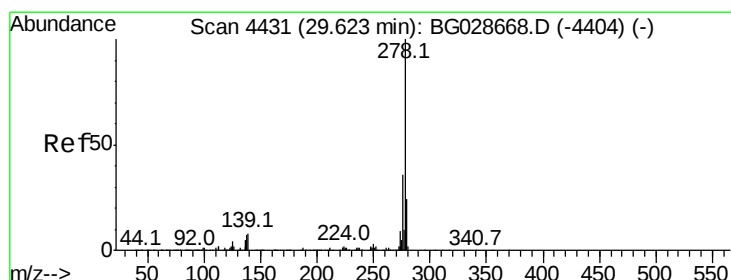
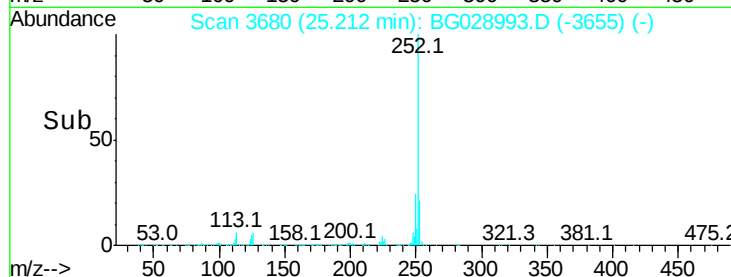
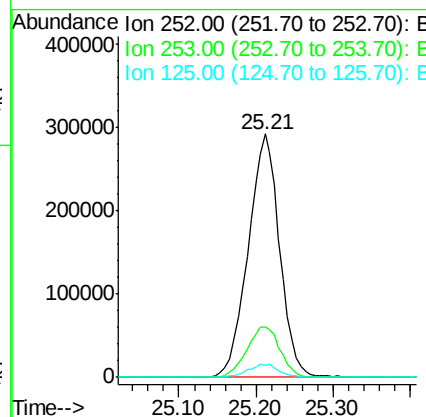
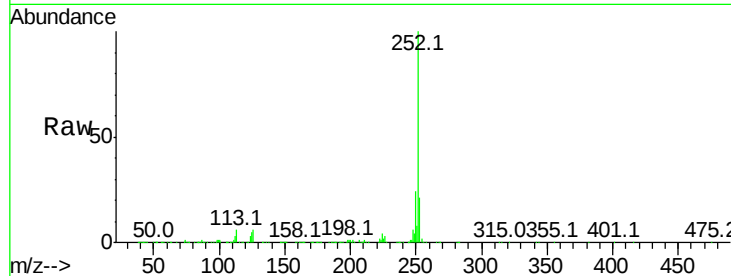




#89
Benzo(a)pyrene
Concen: 44.272 ng
RT: 25.21 min Scan# 3680
Delta R.T. -0.15 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

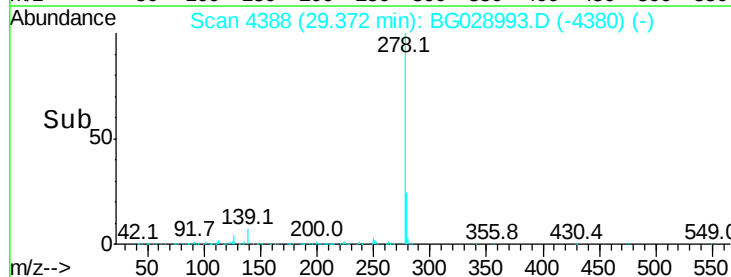
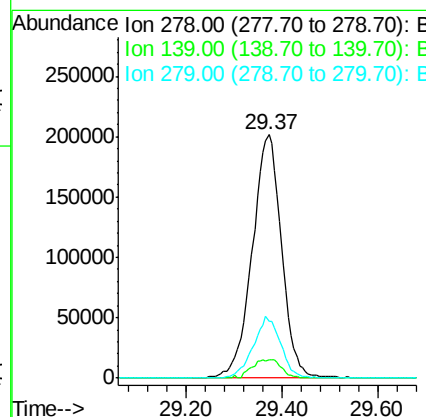
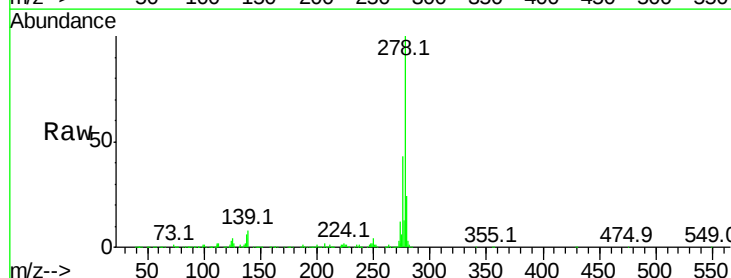
Instrument :
BNA_G
ClientSampleId :

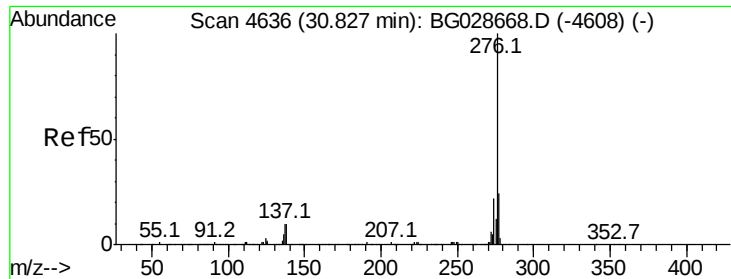
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	19.2	28.8
125	5.1	5.4	8.0



#90
Dibenzo(a,h)anthracene
Concen: 44.016 ng
RT: 29.37 min Scan# 4388
Delta R.T. -0.25 min
Lab File: BG028993.D
Acq: 1 Oct 2017 00:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.7	7.7	11.5
279	23.5	19.1	28.7

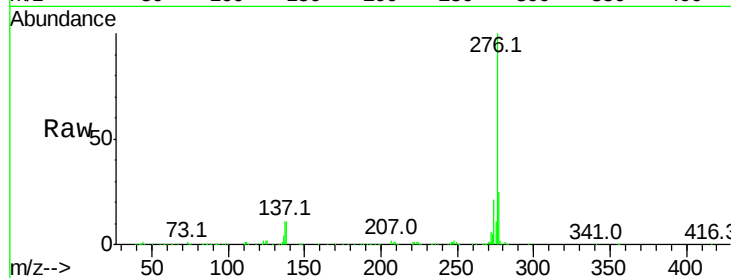




#91
 Benzo(a,h,i)perylene
 Concen: 43.712 ng
 RT: 30.56 min Scan# 4590
 Delta R.T. -0.27 min
 Lab File: BG028993.D
 Acq: 1 Oct 2017 00:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	11.2	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

