

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028853.D
 Acq On : 21 Sep 2017 11:44
 Operator : SJ/JU
 Sample : I5313-06MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Sep 21 12:57:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	37141	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	152085	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	107560	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	278139	20.00	ng	0.00
75) Chrysene-d12	21.98	240	321537	20.00	ng	0.00
86) Perylene-d12	25.45	264	331654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	287475	127.72	ng	0.00
7) Phenol-d6	7.45	99	369807	109.12	ng	0.00
23) Nitrobenzene-d5	9.46	82	267232	84.06	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	233657	131.34	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	663892	82.30	ng	0.00
78) Terphenyl-d14	20.24	244	1212531	80.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	31308	34.347	ng	# 88
3) Pyridine	4.20	79	90065	34.638	ng	92
4) n-Nitrosodimethylamine	4.10	42	48904	41.346	ng	# 79
6) Aniline	7.62	93	99928	25.336	ng	# 90
8) 2-Chlorophenol	7.86	128	100546	40.070	ng	89
9) Benzaldehyde	7.42	77	32686	15.546	ng	96
10) Phenol	7.48	94	128028	35.796	ng	87
11) bis(2-Chloroethyl)ether	7.70	93	97763	38.072	ng	87
12) 1,3-Dichlorobenzene	8.18	146	108976	40.332	ng	93
13) 1,4-Dichlorobenzene	8.32	146	111154	40.007	ng	96
14) 1,2-Dichlorobenzene	8.65	146	104549	38.089	ng	99
15) Benzyl Alcohol	8.53	79	103817	39.242	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	169762	36.376	ng	94
17) 2-Methylphenol	8.72	107	94938	40.621	ng	# 87
18) Hexachloroethane	9.38	117	40428	39.701	ng	91
19) n-Nitroso-di-n-propylamine	9.09	70	85806	35.716	ng	89
20) 3+4-Methylphenols	9.06	107	124274	38.015	ng	93
22) Acetophenone	9.11	105	166421	37.425	ng	# 89
24) Nitrobenzene	9.50	77	135520	38.495	ng	94
25) Isophorone	10.02	82	238467	37.070	ng	99
26) 2-Nitrophenol	10.22	139	56814	37.919	ng	89
27) 2,4-Dimethylphenol	10.26	122	102707	37.502	ng	98
28) bis(2-Chloroethoxy)methane	10.49	93	135464	38.778	ng	# 98
29) 2,4-Dichlorophenol	10.76	162	110835	40.674	ng	91
30) 1,2,4-Trichlorobenzene	10.97	180	122850	39.519	ng	99
31) Naphthalene	11.16	128	314864	39.640	ng	97
32) Benzoic acid	10.42	122	34296	21.483	ng	# 82
33) 4-Chloroaniline	11.28	127	25281	7.598	ng	# 93
34) Hexachlorobutadiene	11.43	225	88114	38.484	ng	94
35) Caprolactam	12.05	113	31736	32.477	ng	92
36) 4-Chloro-3-methylphenol	12.38	107	130676	36.848	ng	94
37) 2-Methylnaphthalene	12.75	142	245004	41.313	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	158905	35.931	ng	# 96
40) Hexachlorocyclopentadiene	13.08	237	137996	80.290	ng	98

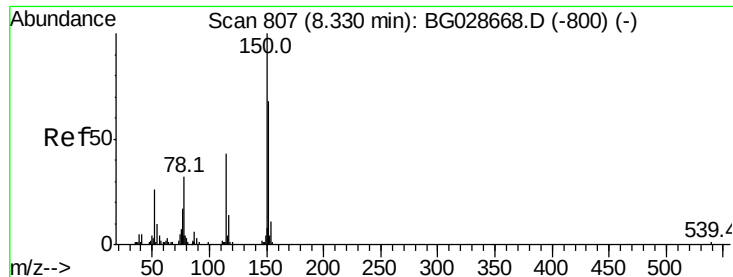
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	104885	37.366	nq	91
43) 2,4,5-Trichlorophenol	13.44	196	114405	40.562	nq #	90
45) 1,1'-Biphenyl	13.74	154	327192	36.740	nq	98
46) 2-Chloronaphthalene	13.79	162	256832	39.540	nq	99
47) 2-Nitroaniline	13.99	65	96525	39.984	nq #	90
48) Acenaphthylene	14.63	152	405407	39.066	nq	97
49) Dimethylphthalate	14.35	163	348507	38.639	nq	97
50) 2,6-Dinitrotoluene	14.48	165	82566	41.140	nq #	82
51) Acenaphthene	14.97	154	249544	39.585	nq	95
52) 3-Nitroaniline	14.82	138	43431	24.471	nq	83
53) 2,4-Dinitrophenol	15.03	184	34194	37.102	nq	86
54) Dibenzofuran	15.30	168	421997	41.977	nq	96
55) 4-Nitrophenol	15.13	139	86816	66.766	nq #	71
56) 2,4-Dinitrotoluene	15.27	165	118003	41.816	nq #	82
57) Fluorene	15.96	166	365015	40.670	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	114033	45.873	nq #	88
59) Diethylphthalate	15.70	149	367073	39.603	nq	98
60) 4-Chlorophenyl-phenylether	15.93	204	209388	40.972	nq	93
61) 4-Nitroaniline	15.99	138	74673	39.715	nq #	83
62) Azobenzene	16.23	77	334105	42.859	nq	89
64) 4,6-Dinitro-2-methylphenol	16.04	198	46565	25.945	nq	95
65) n-Nitrosodiphenylamine	16.15	169	319443	40.064	nq	93
66) 4-Bromophenyl-phenylether	16.83	248	145150	40.557	nq	95
67) Hexachlorobenzene	16.97	284	154854	38.017	nq #	85
68) Atrazine	17.10	200	137127	40.055	nq	96
69) Pentachlorophenol	17.31	266	112731	61.253	nq	97
70) Phenanthrene	17.70	178	593283	41.711	nq	96
71) Anthracene	17.79	178	599546	41.728	nq	99
72) Carbazole	18.07	167	532786	41.172	nq #	92
73) Di-n-butylphthalate	18.59	149	628619	39.618	nq #	95
74) Fluoranthene	19.70	202	735138	42.330	nq	94
76) Benzidine	19.88	184	110909	13.301	nq	96
77) Pyrene	20.06	202	774251	41.747	nq	96
79) Butylbenzylphthalate	20.93	149	289877	38.700	nq	93
80) Benzo(a)anthracene	21.96	228	797182	41.189	nq	94
81) 3,3'-Dichlorobenzidine	21.87	252	180464	22.998	nq #	99
82) Chrysene	22.04	228	742688	40.443	nq	95
83) Bis(2-ethylhexyl)phthalate	21.82	149	415127	38.984	nq	99
84) Di-n-octyl phthalate	23.11	149	706277	37.962	nq #	87
85) Indeno(1,2,3-cd)pyrene	29.43	276	888876	37.672	nq #	98
87) Benzo(b)fluoranthene	24.35	252	812122	40.871	nq	98
88) Benzo(k)fluoranthene	24.42	252	796143	40.112	nq	95
89) Benzo(a)pyrene	25.29	252	780531	41.384	nq	97
90) Dibenzo(a,h)anthracene	29.49	278	739707	37.619	nq	99
91) Benzo(g,h,i)perylene	30.69	276	698172	36.389	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

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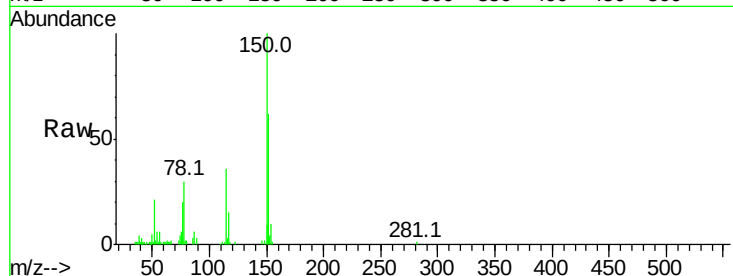
Tot Ion:152 Resp: 37141

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

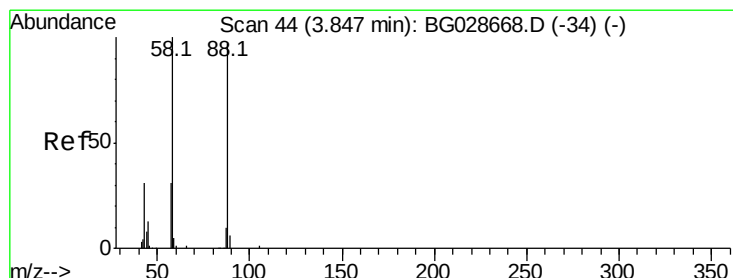
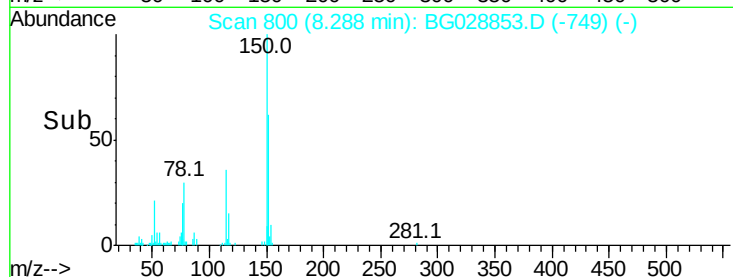
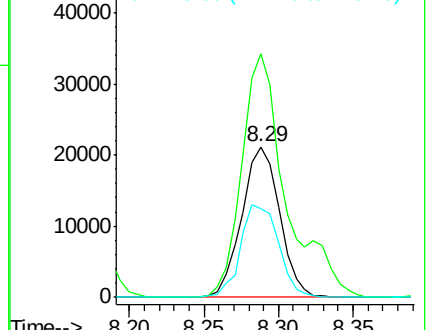
115 58.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.347 ng

RT: 3.80 min Scan# 36

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

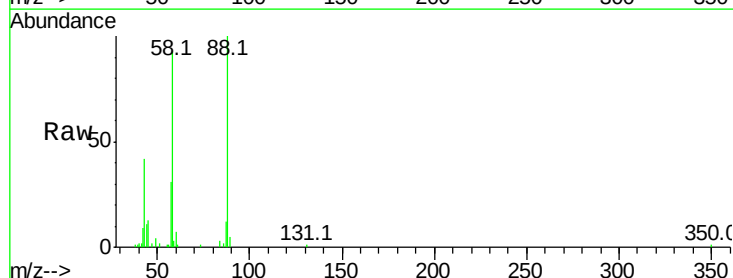
Tgt Ion: 88 Resp: 31308

Ion Ratio Lower Upper

88 100

58 90.5 79.4 119.2

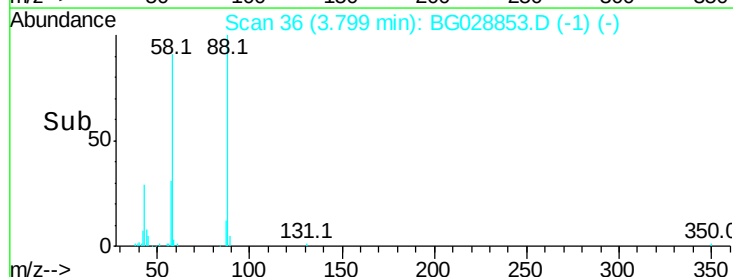
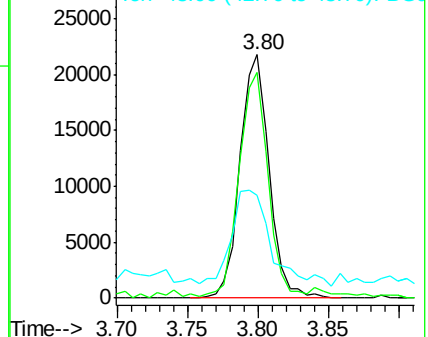
43 54.2 33.8 50.6#

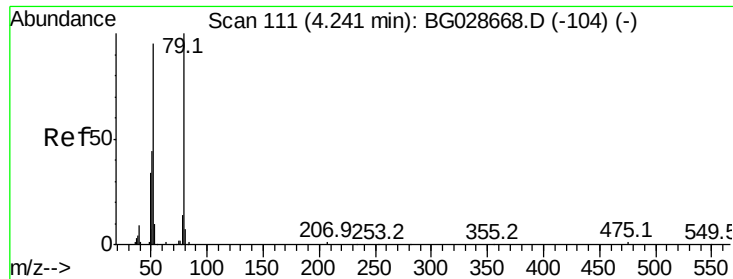


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.638 ng

RT: 4.20 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

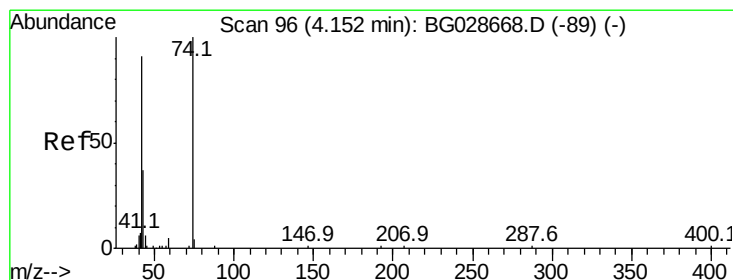
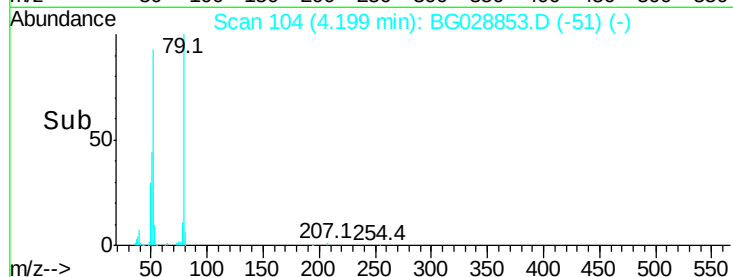
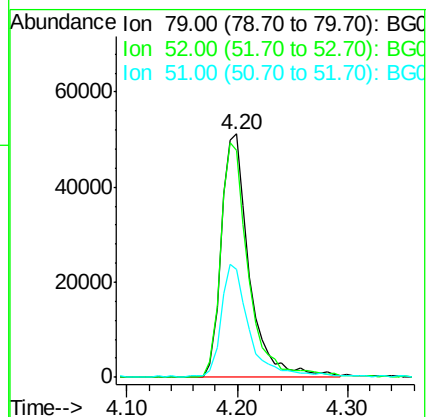
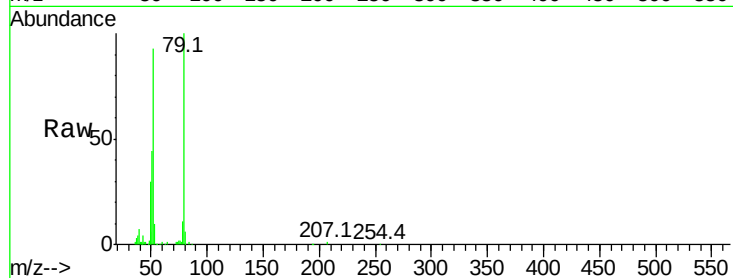
Tot Ion: 79 Resp: 90065

Ion Ratio Lower Upper

79 100

52 93.1 77.8 116.6

51 44.2 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 41.346 ng

RT: 4.10 min Scan# 87

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

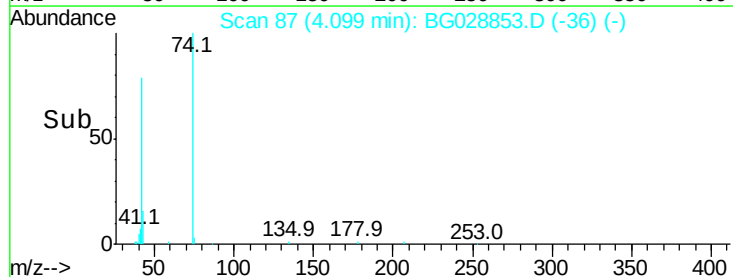
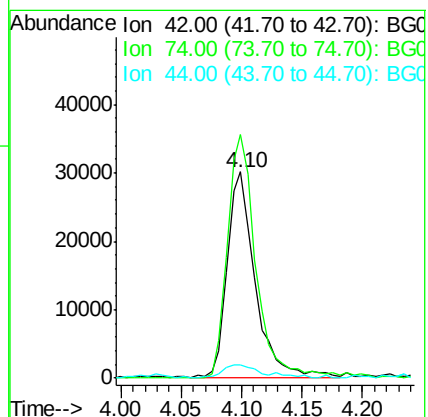
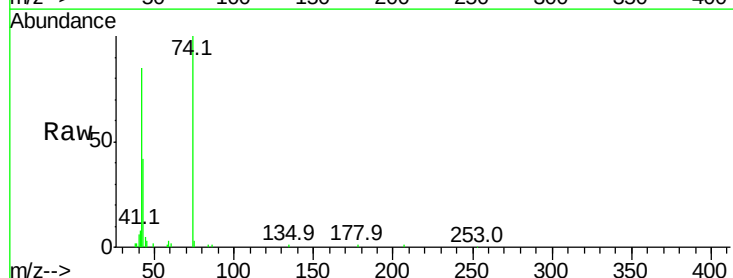
Tgt Ion: 42 Resp: 48904

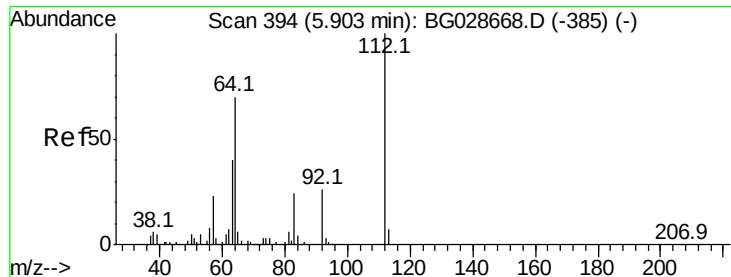
Ion Ratio Lower Upper

42 100

74 118.2 76.7 115.1#

44 6.4 6.1 9.1





#5

2-Fluorophenol

Concen: 127.715 ng

RT: 5.86 min Scan# 387

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

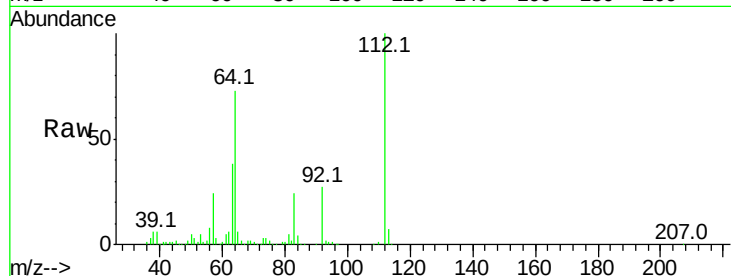
Tot Ion:112 Resp: 287475

Ion Ratio Lower Upper

112 100

64 72.9 61.8 92.6

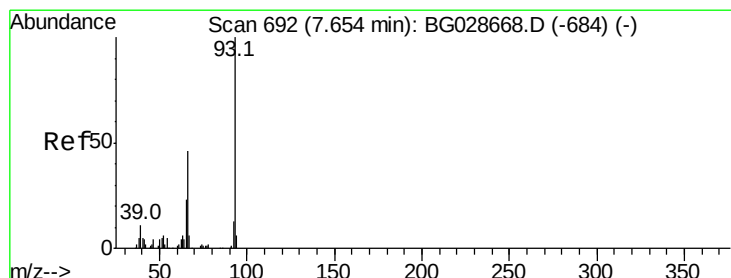
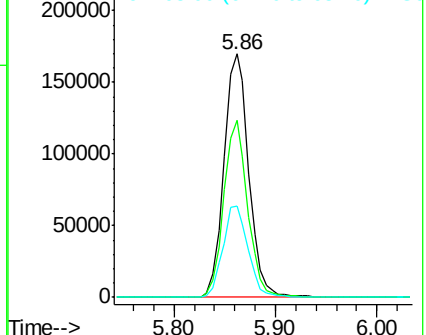
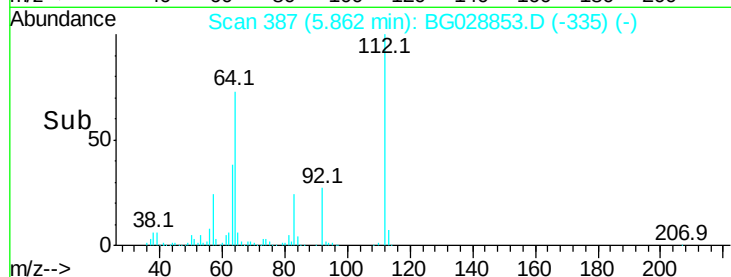
63 37.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.336 ng

RT: 7.62 min Scan# 686

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

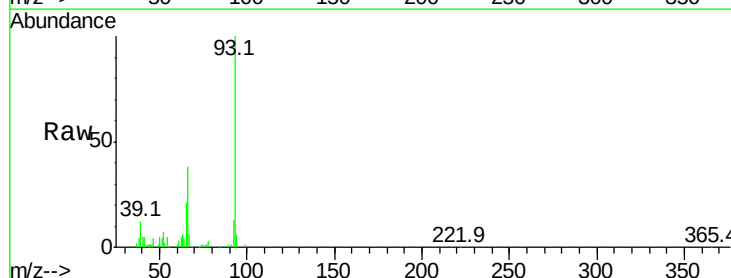
Tgt Ion: 93 Resp: 99928

Ion Ratio Lower Upper

93 100

66 37.7 35.4 53.2

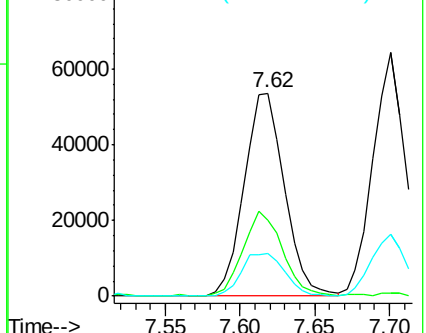
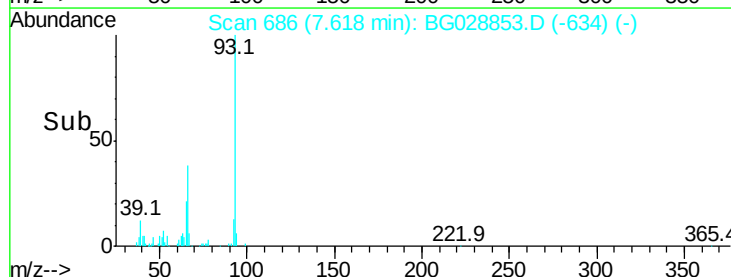
65 21.1 21.2 31.8#

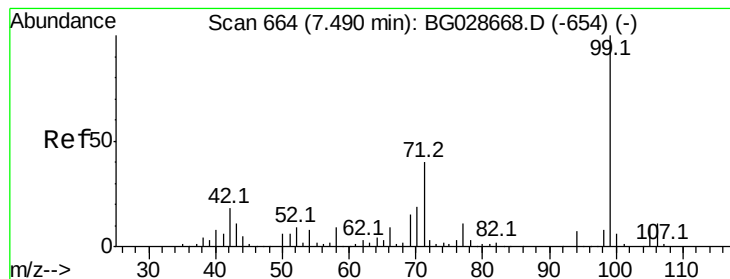


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.120 ng

RT: 7.45 min Scan# 657

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

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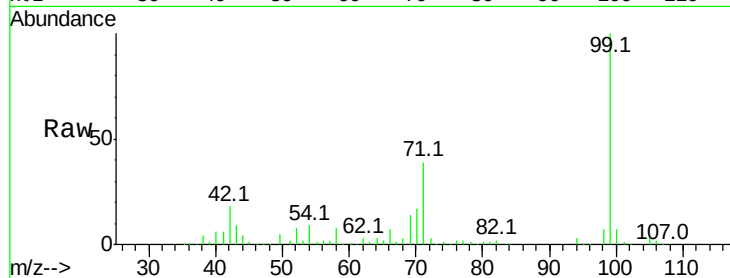
Tot Ion: 99 Resp: 369807

Ion Ratio Lower Upper

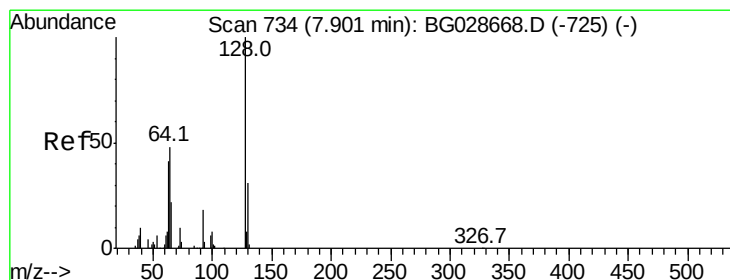
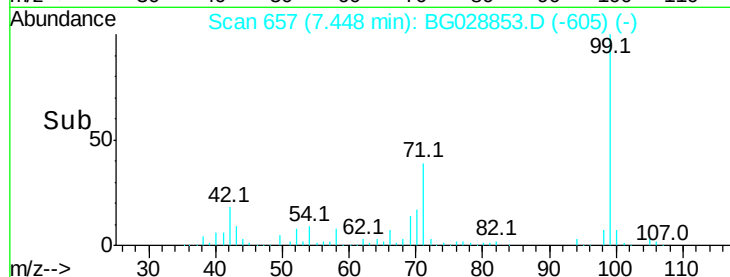
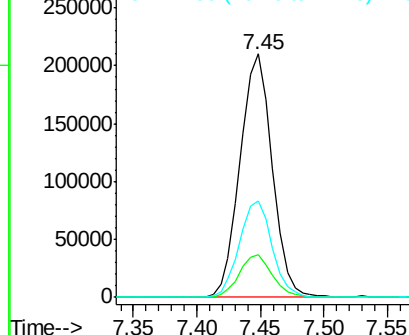
99 100

42 17.7 20.5 30.7#

71 39.4 37.6 56.4



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



#8

2-Chlorophenol

Concen: 40.070 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

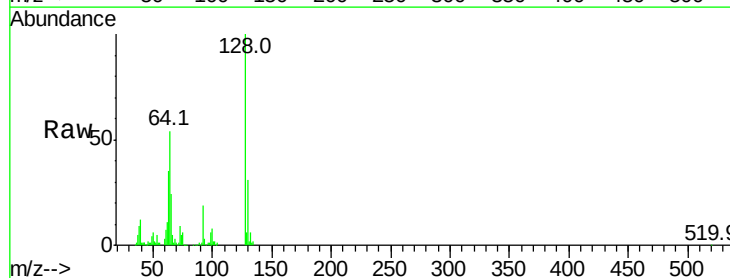
Tgt Ion: 128 Resp: 100546

Ion Ratio Lower Upper

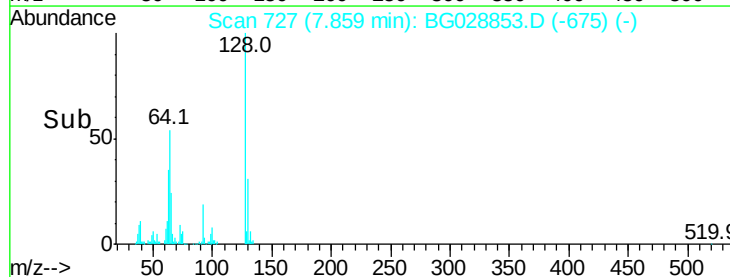
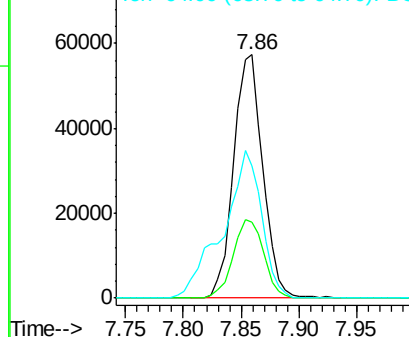
128 100

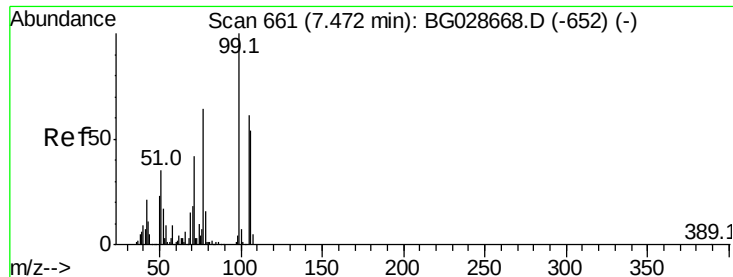
130 31.0 11.4 51.4

64 54.1 46.6 86.6



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





#9

Benzaldehyde

Concen: 15.546 ng

RT: 7.42 min Scan# 653

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

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ClientSampleId :

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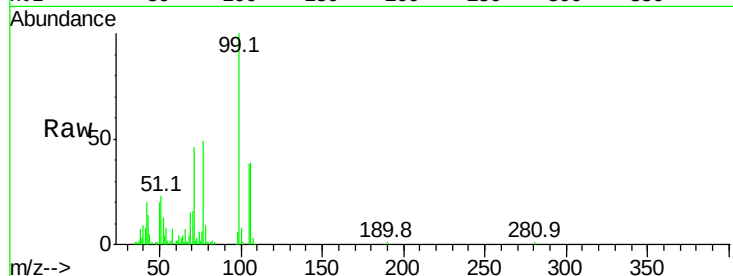
Tot Ion: 77 Resp: 32686

Ion Ratio Lower Upper

77 100

105 78.0 60.9 100.9

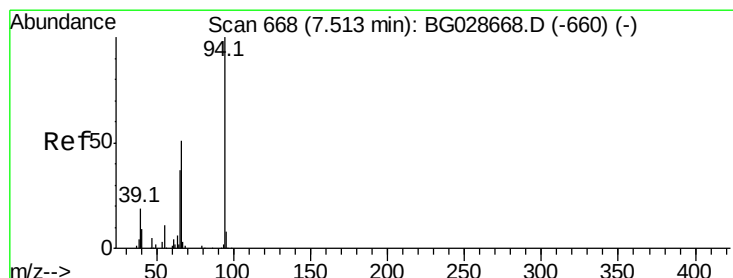
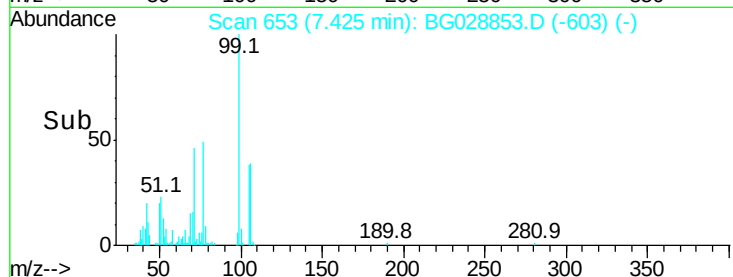
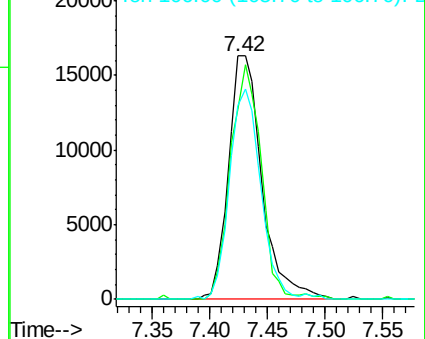
106 79.6 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.796 ng

RT: 7.48 min Scan# 662

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

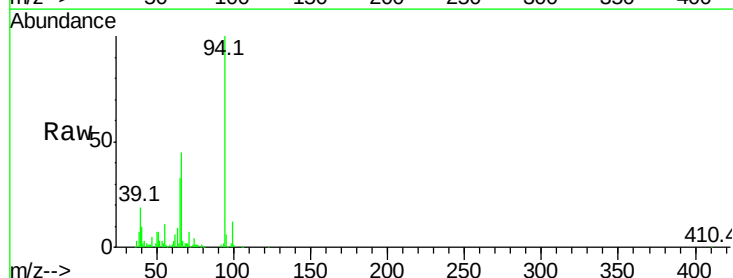
Tgt Ion: 94 Resp: 128028

Ion Ratio Lower Upper

94 100

65 33.1 20.6 60.6

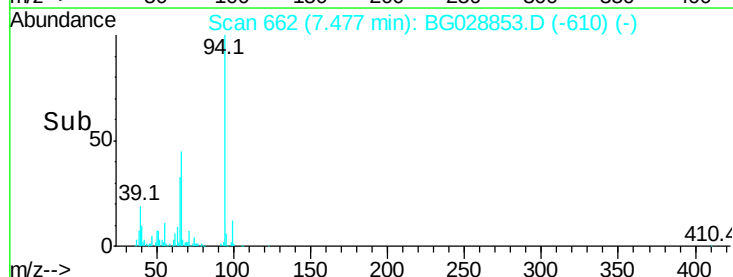
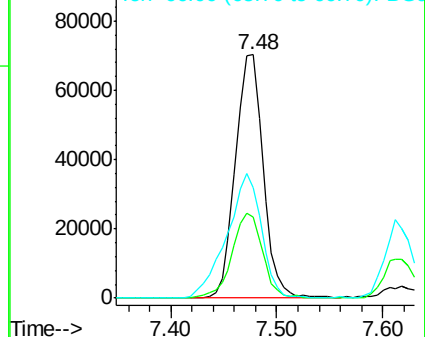
66 45.5 35.5 75.5

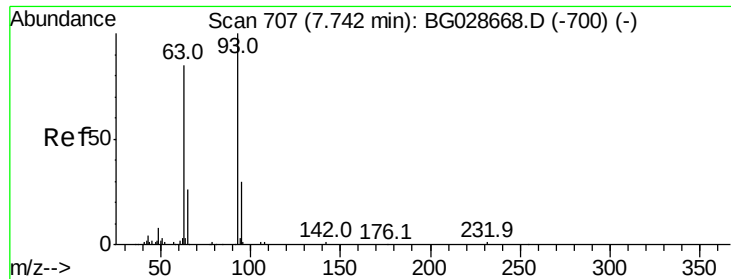


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

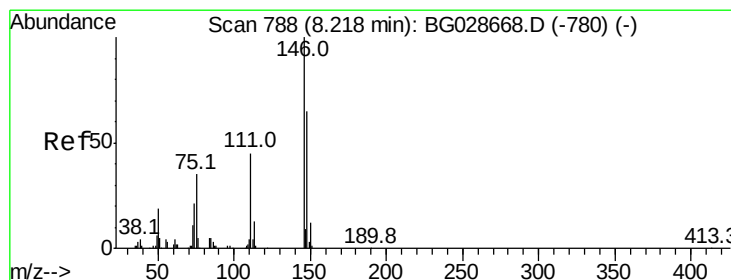
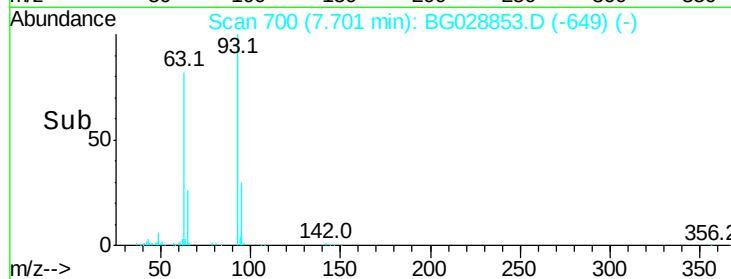
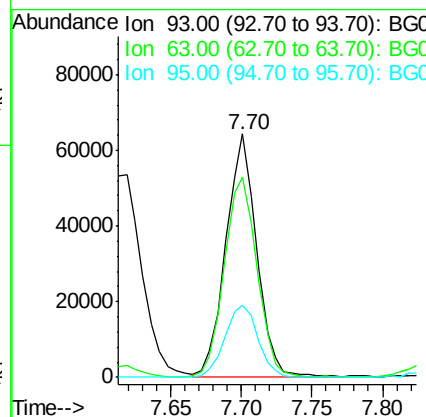
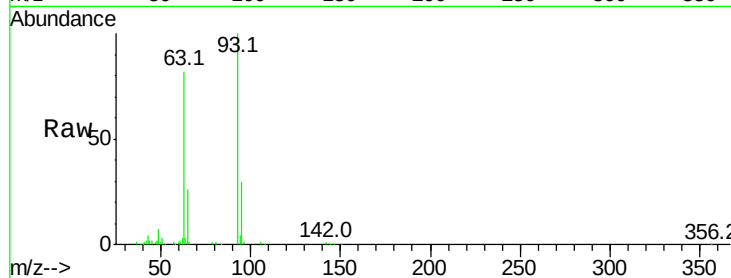




#11
 bis(2-Chloroethyl)ether
 Concen: 38.072 ng
 RT: 7.70 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

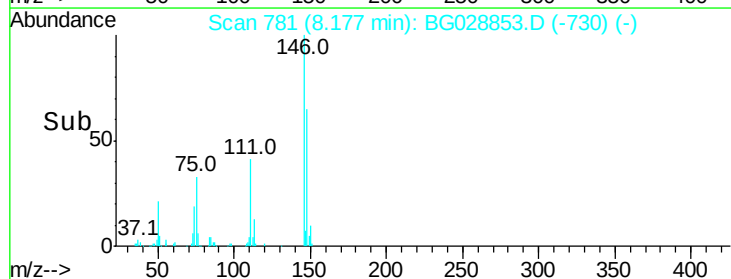
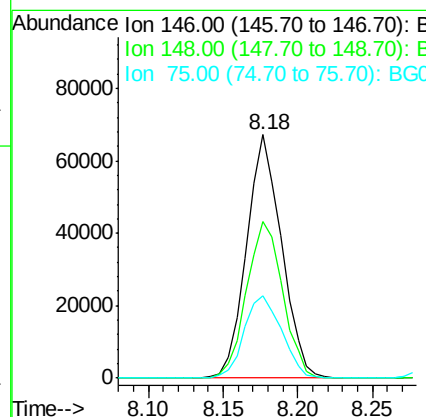
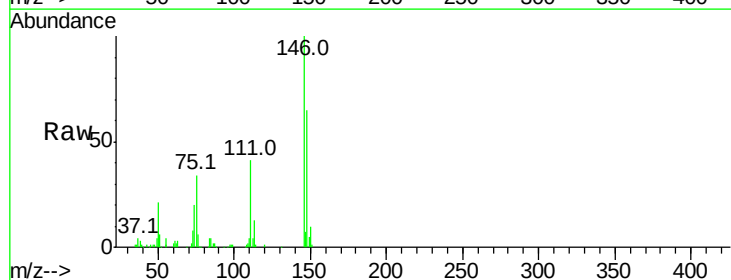
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

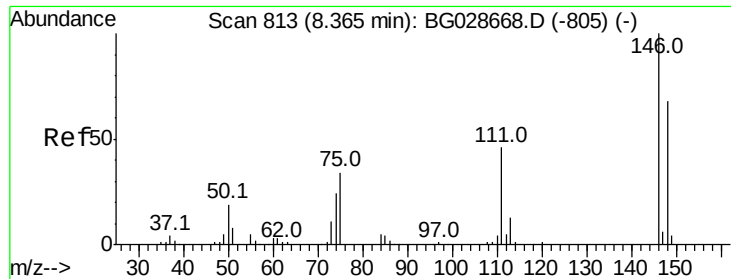
Tot Ion: 93 Resp: 97763
 Ion Ratio Lower Upper
 93 100
 63 82.2 78.5 118.5
 95 29.6 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 40.332 ng
 RT: 8.18 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion: 146 Resp: 108976
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.2 73.8
 75 33.9 33.4 50.2

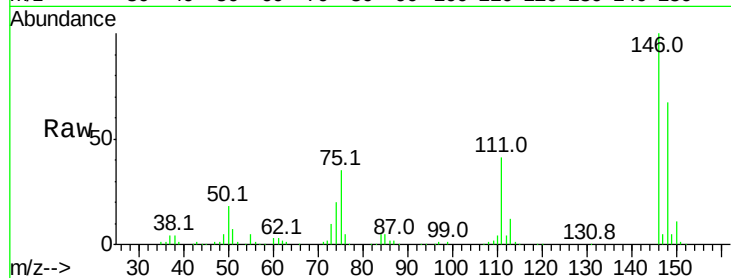




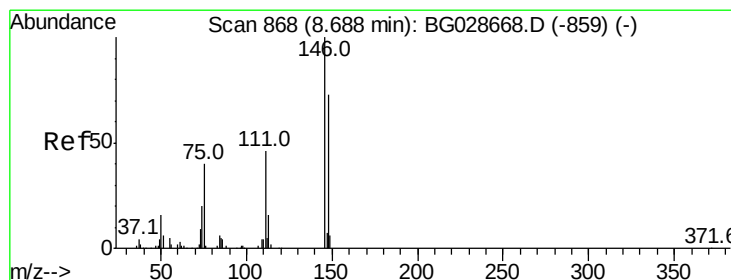
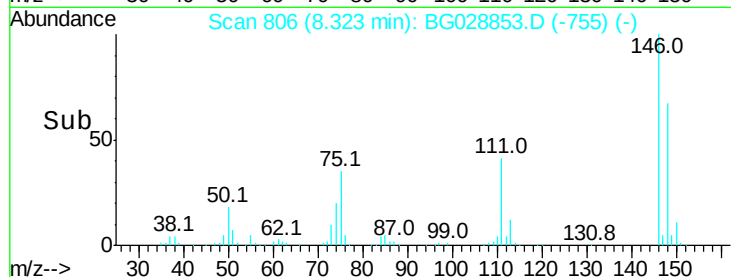
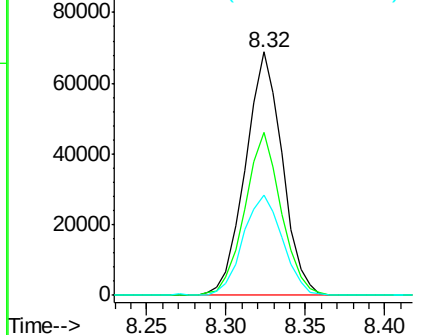
#13
 1,4-Dichlorobenzene
 Concen: 40.007 ng
 RT: 8.32 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

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

Tot Ion:146 Resp: 111154
 Ion Ratio Lower Upper
 146 100
 148 66.9 52.2 78.2
 111 41.4 37.0 55.6

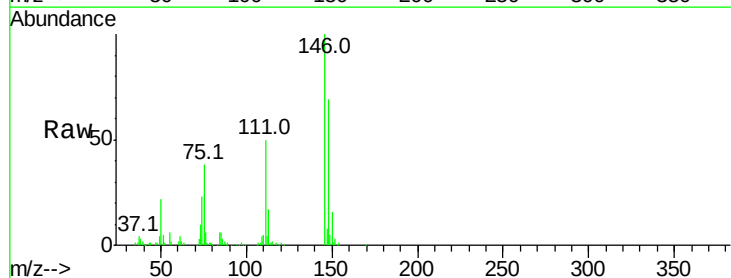


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

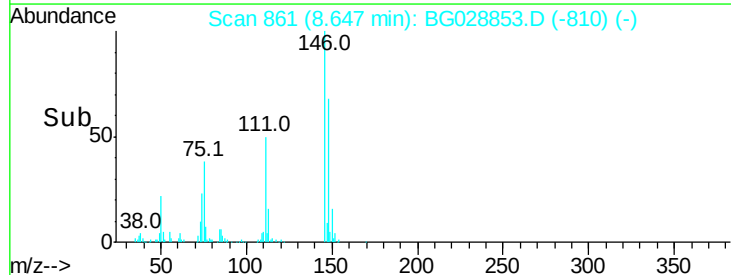
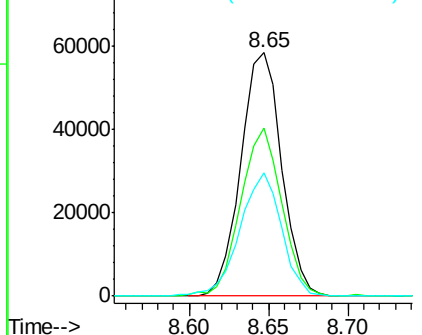


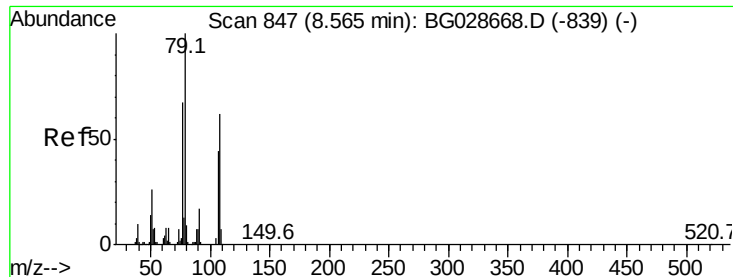
#14
 1,2-Dichlorobenzene
 Concen: 38.089 ng
 RT: 8.65 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion:146 Resp: 104549
 Ion Ratio Lower Upper
 146 100
 148 68.8 54.6 81.8
 111 50.5 39.7 59.5



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





#15

Benzyl Alcohol

Concen: 39.242 ng

RT: 8.53 min Scan# 841

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

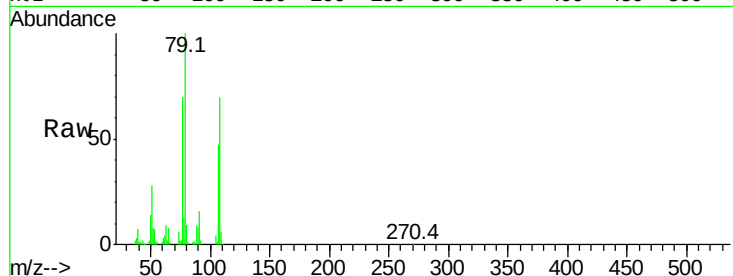
Tot Ion: 79 Resp: 103817

Ion Ratio Lower Upper

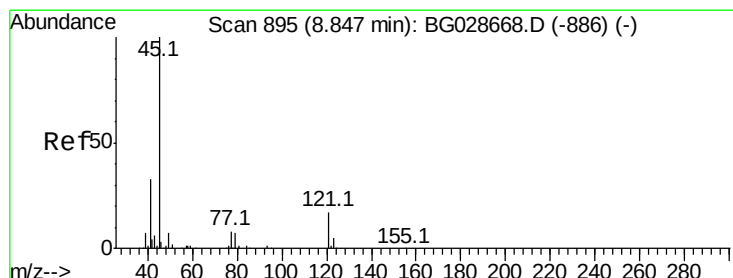
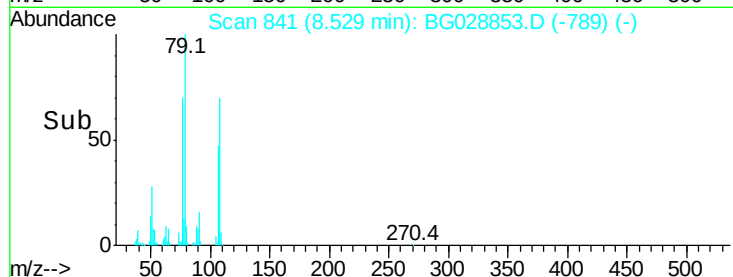
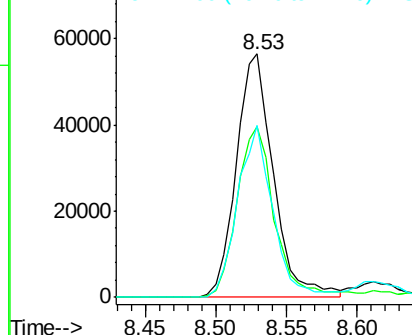
79 100

108 69.9 45.5 68.3#

77 70.4 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.376 ng

RT: 8.80 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

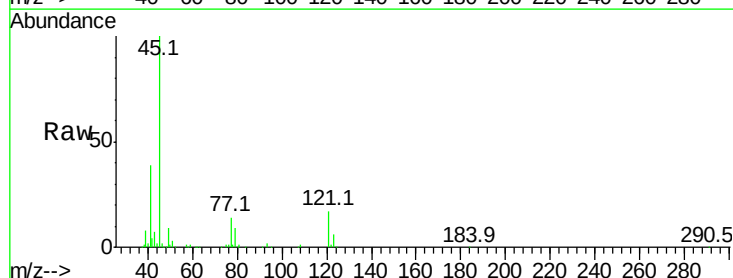
Tgt Ion: 45 Resp: 169762

Ion Ratio Lower Upper

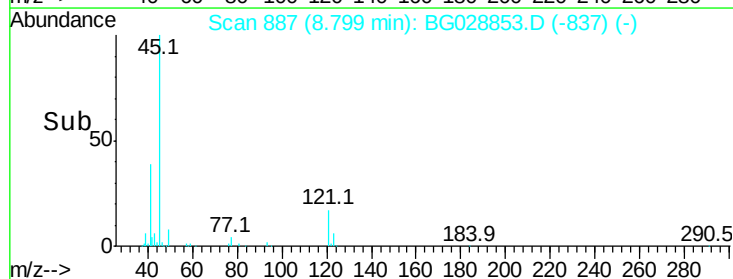
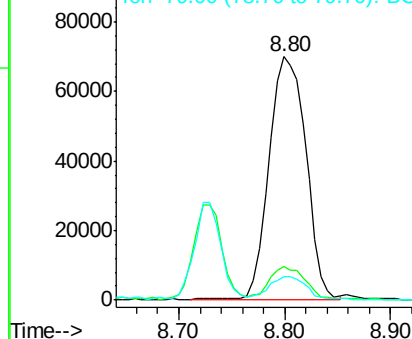
45 100

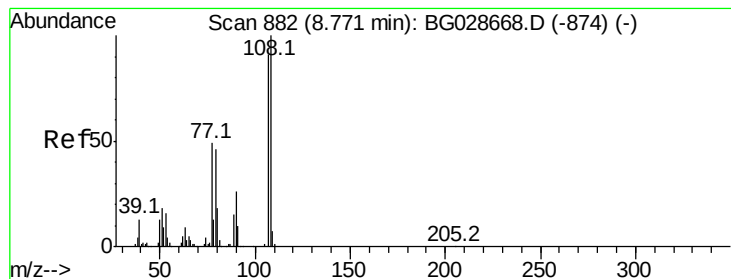
77 13.8 0.0 30.6

79 9.4 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

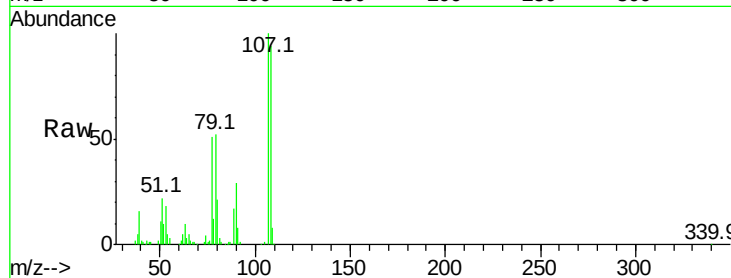




#17
2-Methylphenol
Concen: 40.621 ng
RT: 8.72 min Scan# 874
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	94.4	85.6	128.4
77	51.0	51.4	77.2#
79	52.2	49.2	73.8



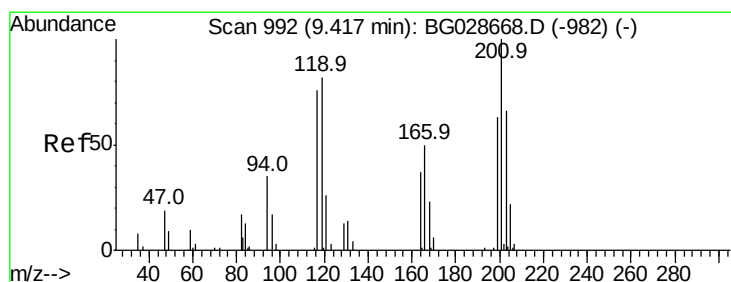
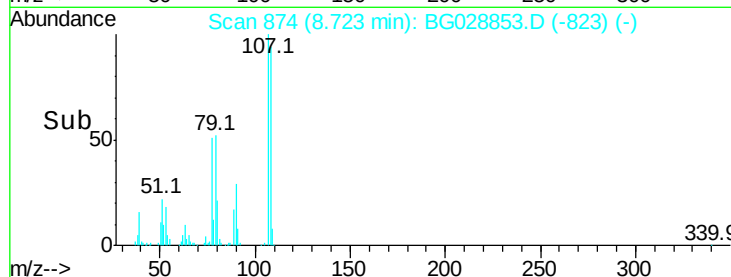
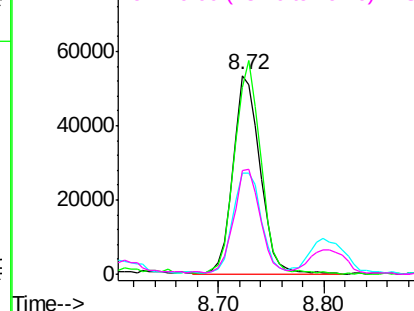
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

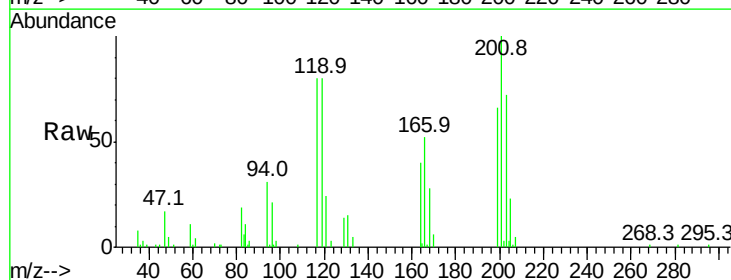
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.701 ng
RT: 9.38 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	69.8	104.6
201	124.8	95.4	143.0

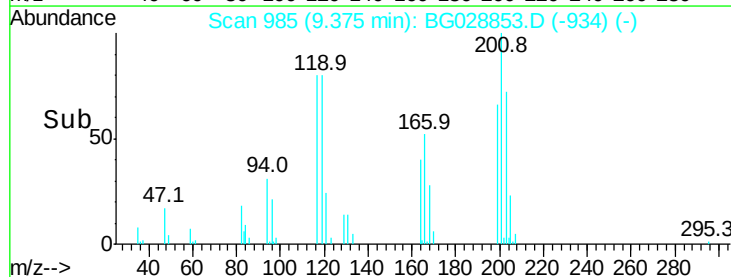
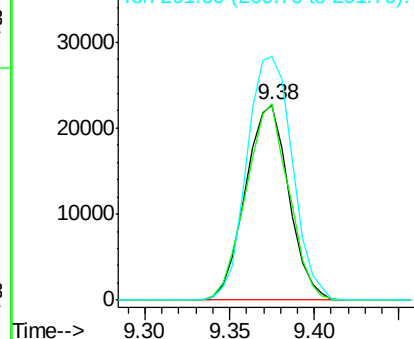


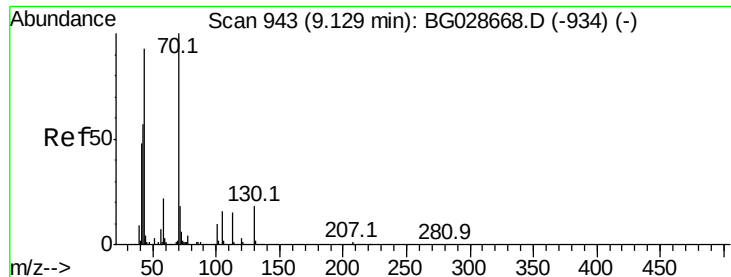
Abundance

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

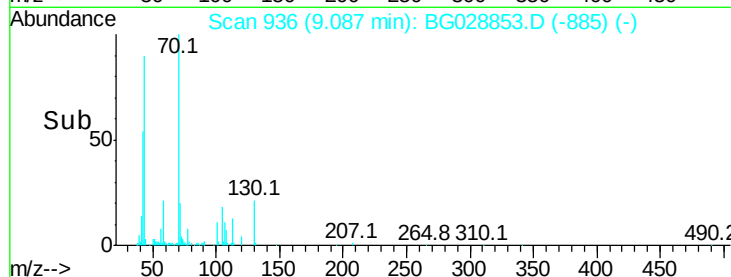
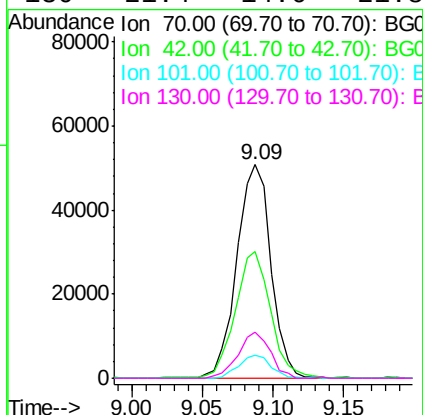
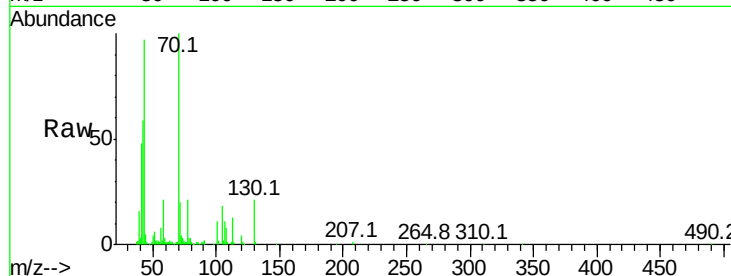




#19
n-Nitroso-di-n-propylamine
Concen: 35.716 ng
RT: 9.09 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

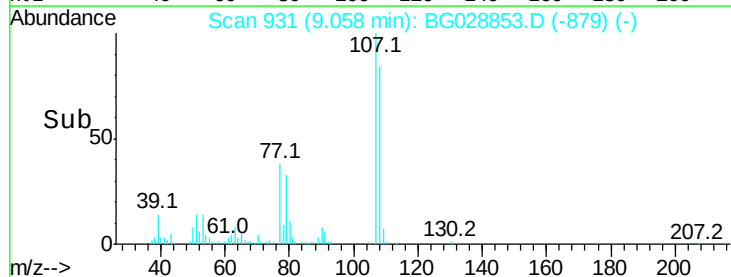
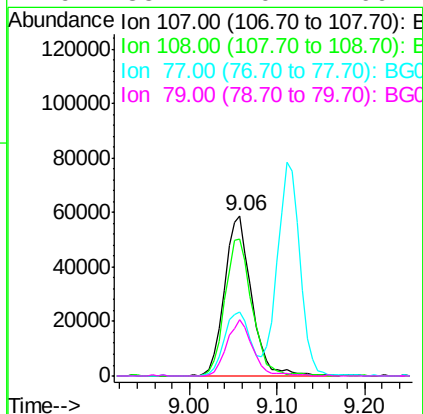
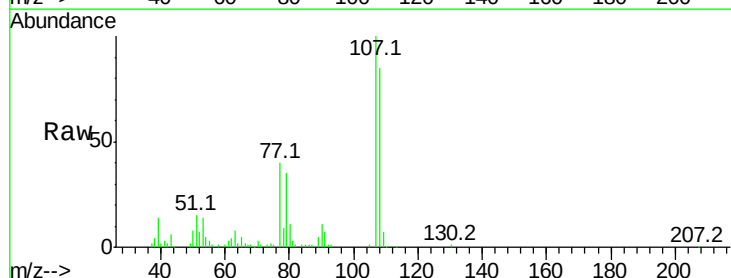
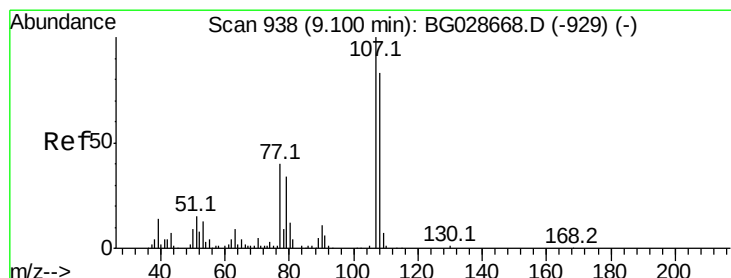
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

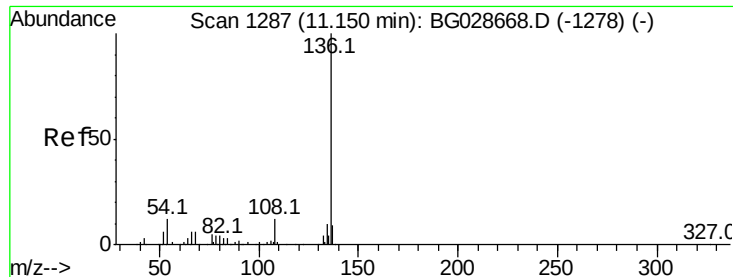
Tot Ion:	70	Resp:	85806
Ion	Ratio	Lower	Upper
70	100		
42	59.2	56.1	84.1
101	10.8	7.5	11.3
130	21.4	14.6	21.8



#20
3+4-Methylphenols
Concen: 38.015 ng
RT: 9.06 min Scan# 931
Delta R.T. 0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion:	107	Resp:	124274
Ion	Ratio	Lower	Upper
107	100		
108	85.4	70.8	110.8
77	39.8	25.8	65.8
79	35.1	20.1	60.1

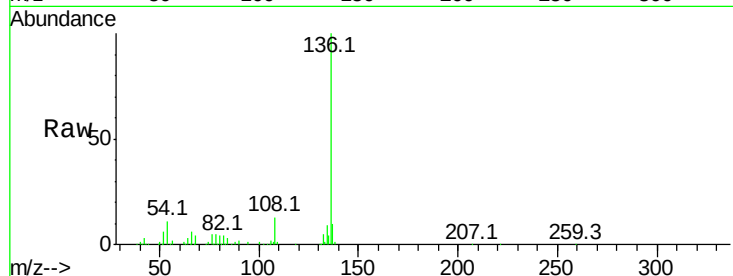




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.1	9.3	13.9
68	4.2	5.1	7.7#



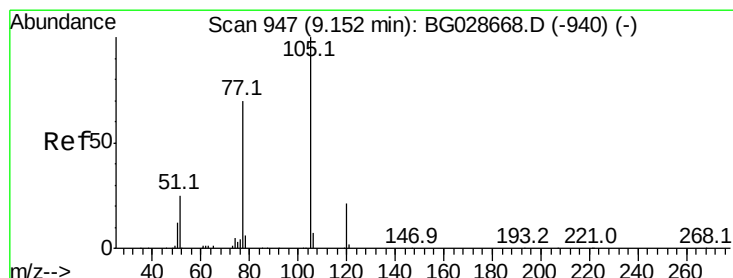
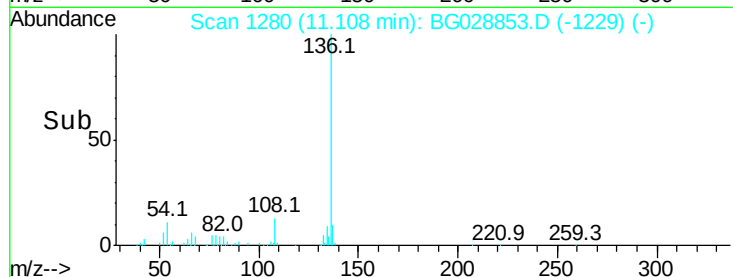
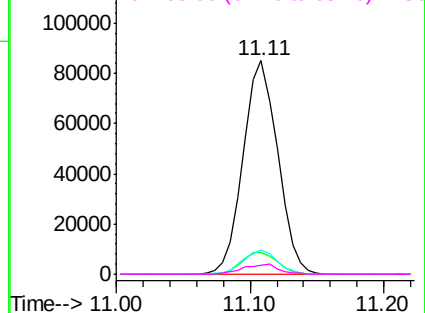
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

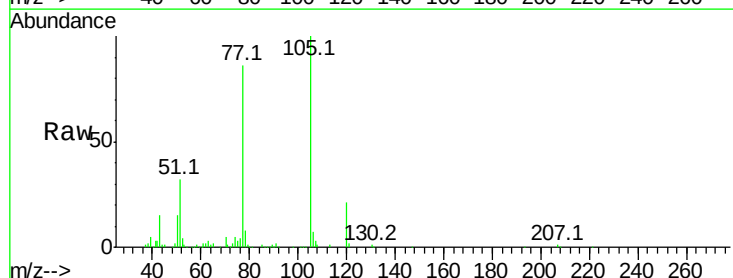
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.425 ng
RT: 9.11 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	31.7	34.0	51.0#
120	21.2	17.3	25.9



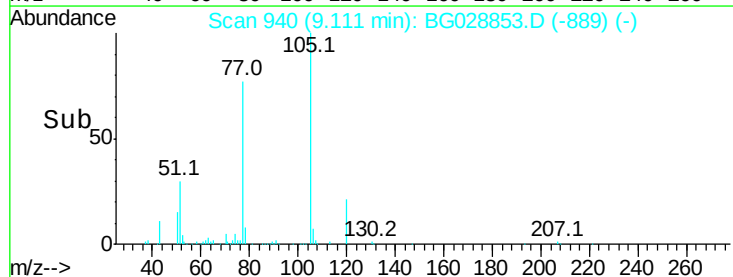
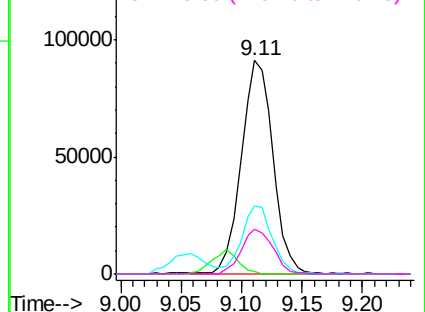
Abundance

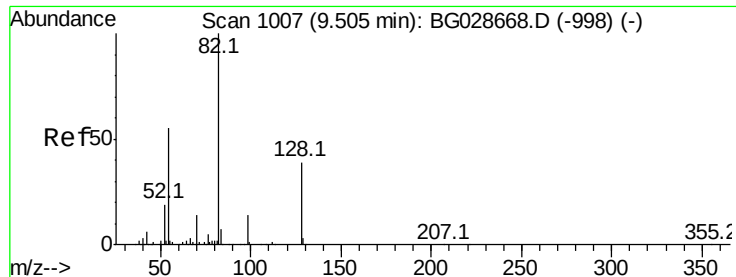
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

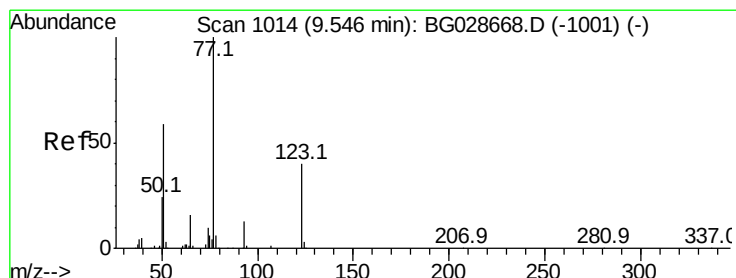
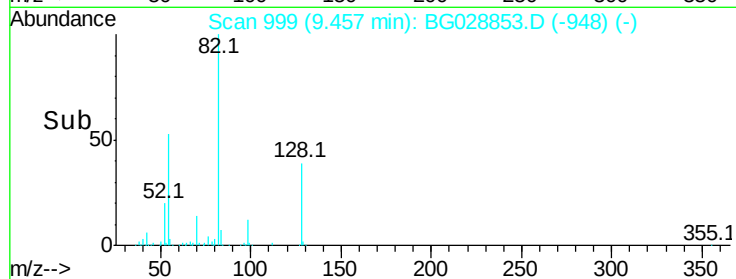
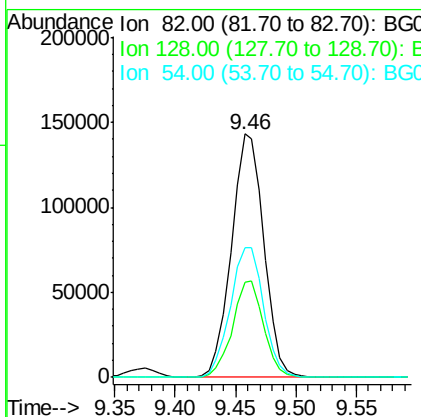
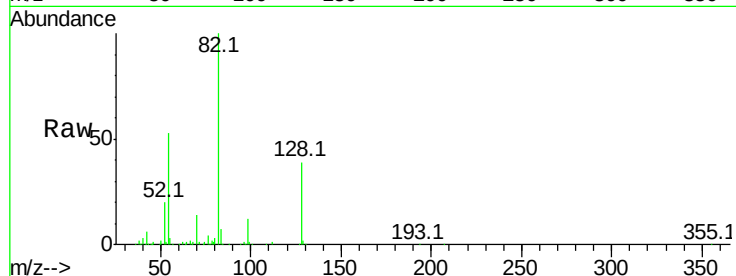




#23
 Nitrobenzene-d5
 Concen: 84.056 ng
 RT: 9.46 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

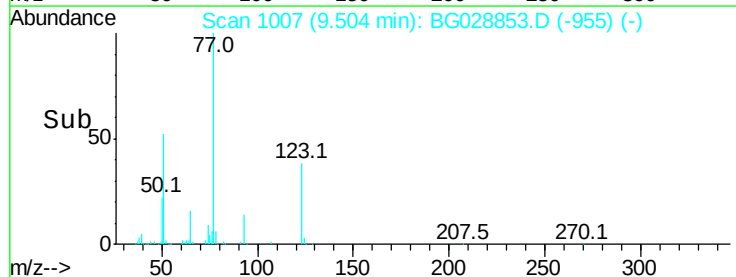
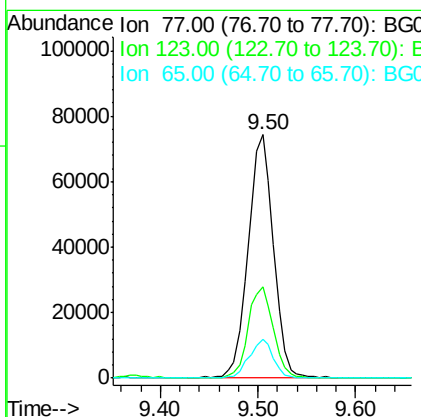
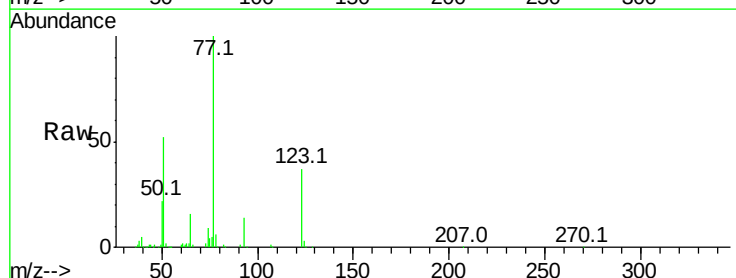
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

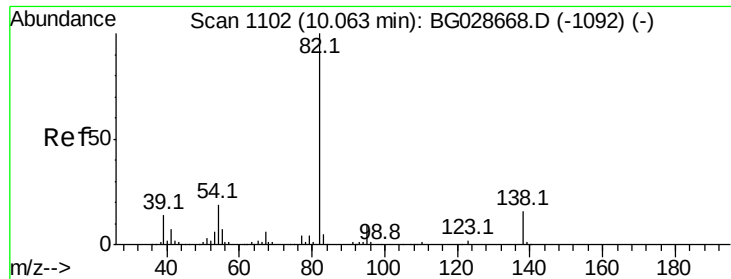
Tot Ion	82	Resp	267232
Ion Ratio	Lower	Upper	
82	100		
128	38.9	26.4	39.6
54	53.3	49.4	74.2



#24
 Nitrobenzene
 Concen: 38.495 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	77	Resp	135520
Ion Ratio	Lower	Upper	
77	100		
123	37.4	26.1	39.1
65	16.2	12.4	18.6





#25

Isophorone

Concen: 37.070 ng

RT: 10.02 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

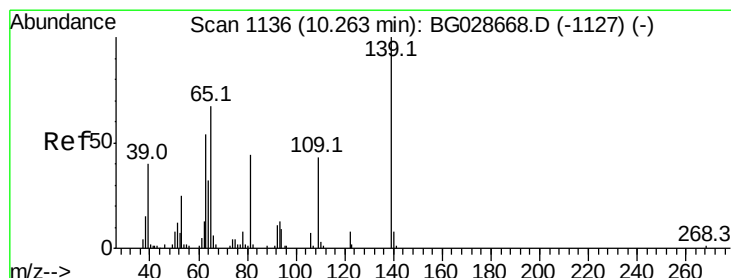
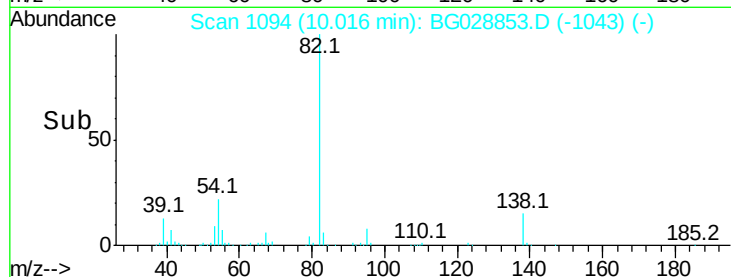
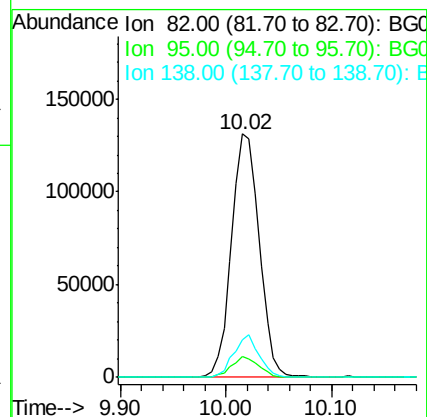
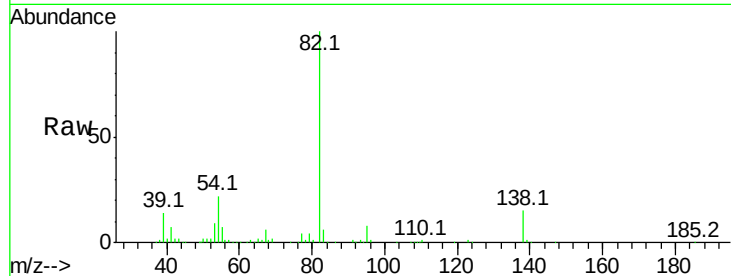
Tot Ion: 82 Resp: 238467

Ion Ratio Lower Upper

82 100

95 8.4 7.5 11.3

138 15.2 12.3 18.5



#26

2-Nitrophenol

Concen: 37.919 ng

RT: 10.22 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

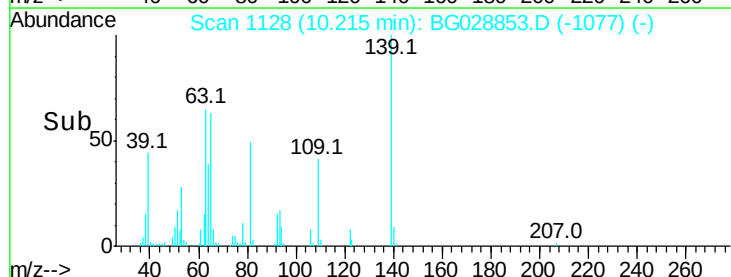
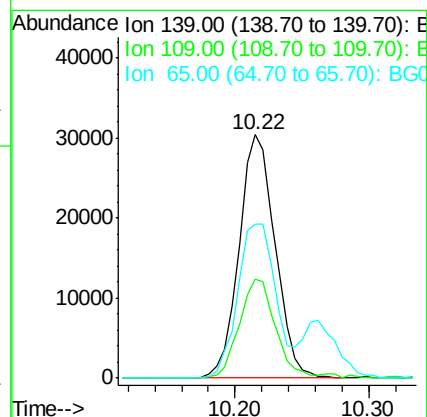
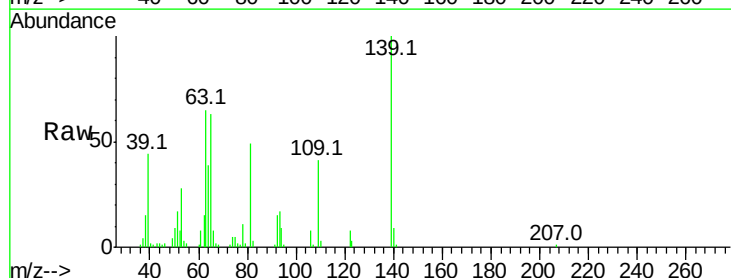
Tgt Ion: 139 Resp: 56814

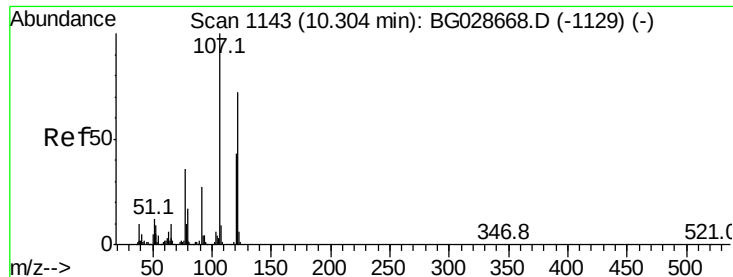
Ion Ratio Lower Upper

139 100

109 40.5 38.6 58.0

65 63.2 57.1 85.7

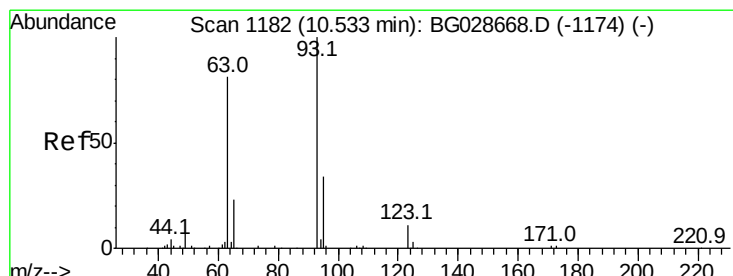
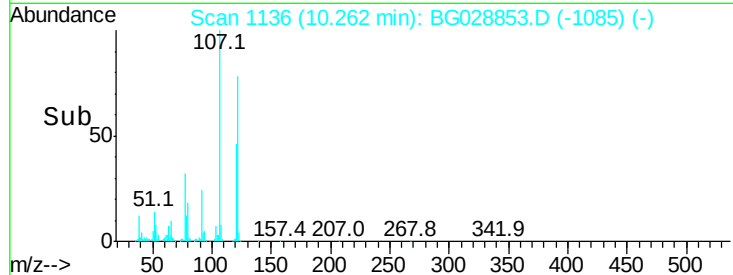
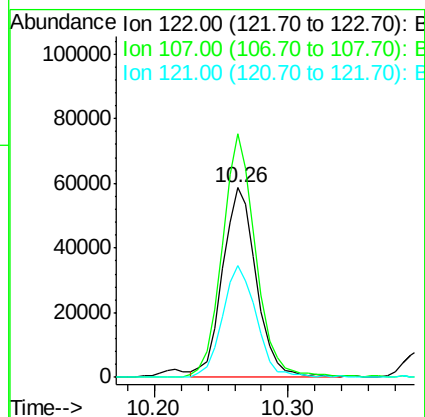
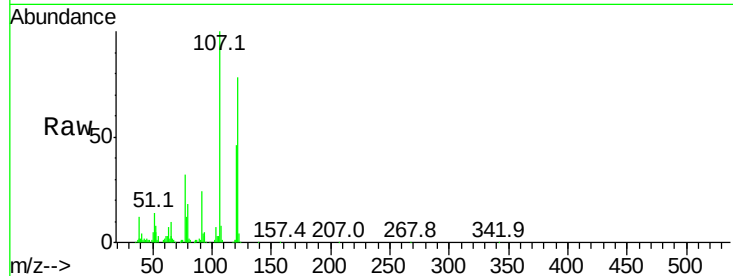




#27
2,4-Dimethylphenol
Concen: 37.502 ng
RT: 10.26 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

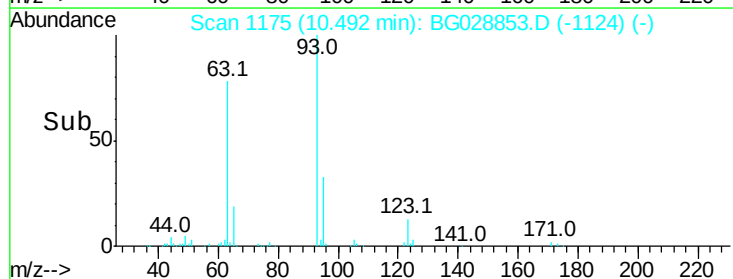
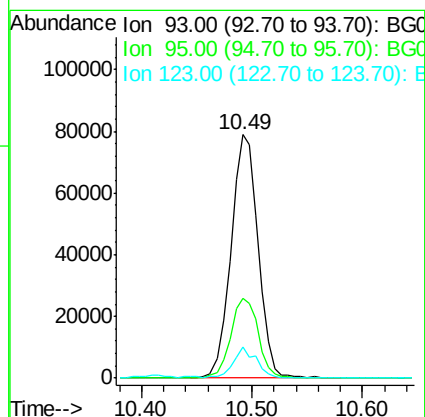
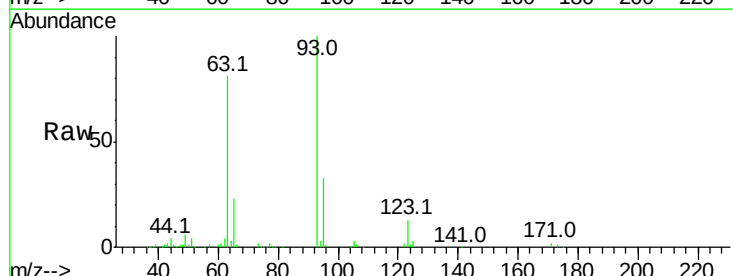
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

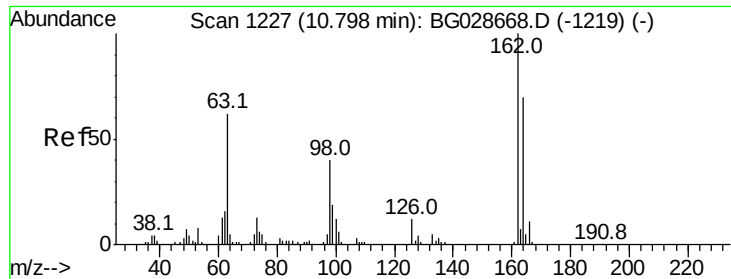
Tot Ion:122 Resp: 102707
Ion Ratio Lower Upper
122 100
107 128.3 104.2 156.4
121 58.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.778 ng
RT: 10.49 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion: 93 Resp: 135464
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 12.7 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 40.674 ng

RT: 10.76 min Scan# 1220

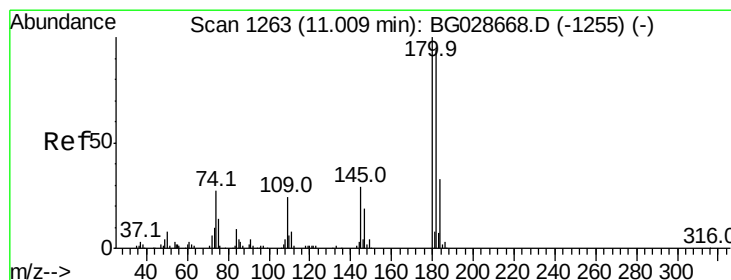
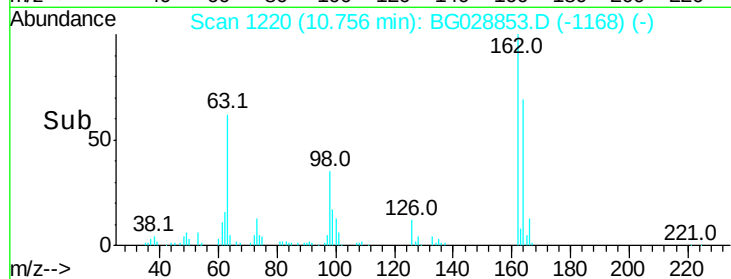
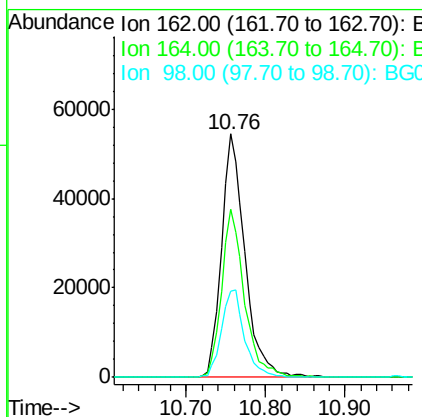
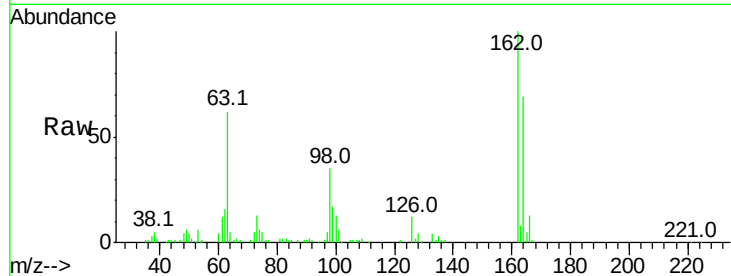
Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	42.4	82.4
98	35.3	20.3	60.3



#30

1,2,4-Trichlorobenzene

Concen: 39.519 ng

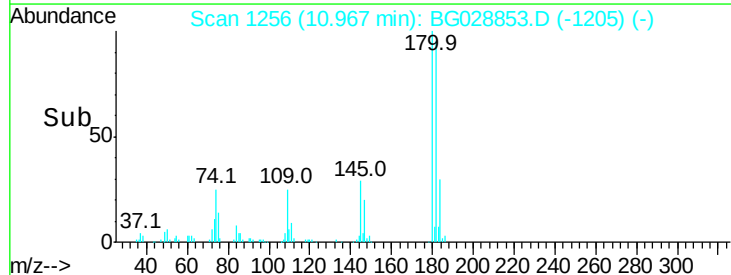
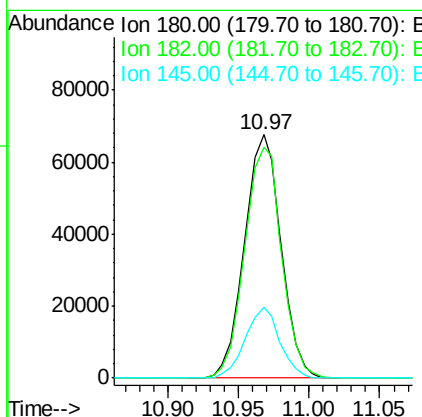
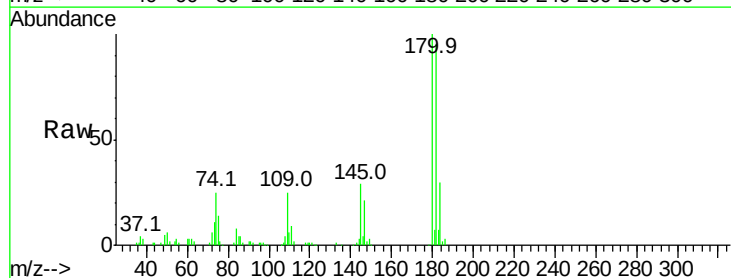
RT: 10.97 min Scan# 1256

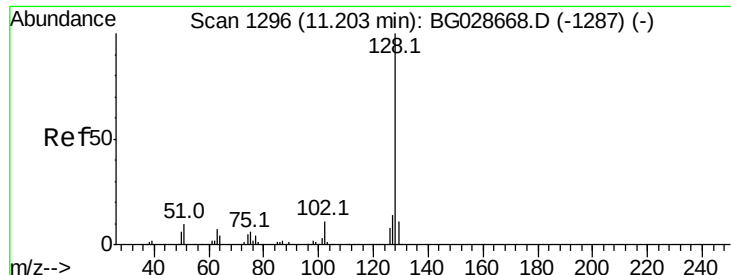
Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.4
145	29.3	23.4	35.0

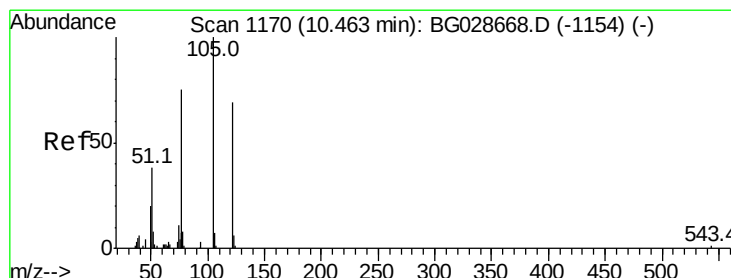
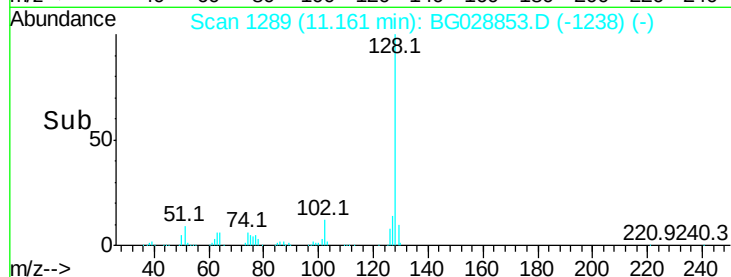
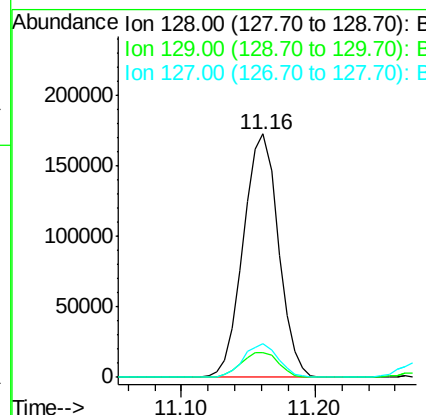
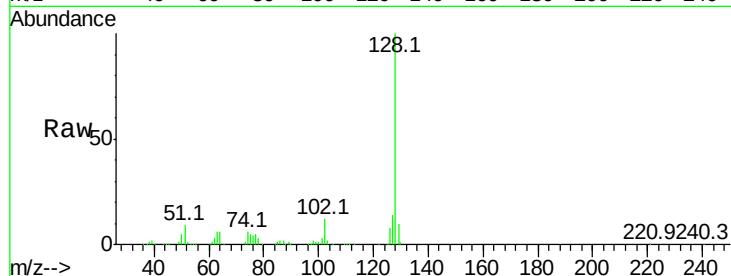




#31
Naphthalene
Concen: 39.640 ng
RT: 11.16 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

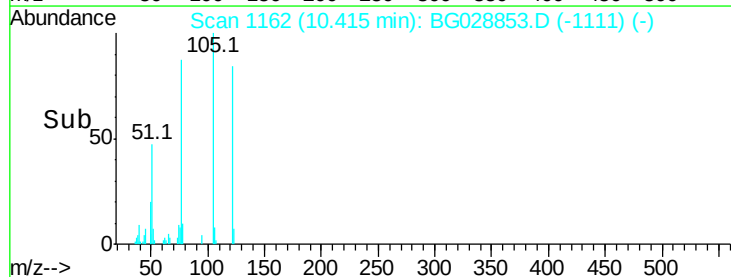
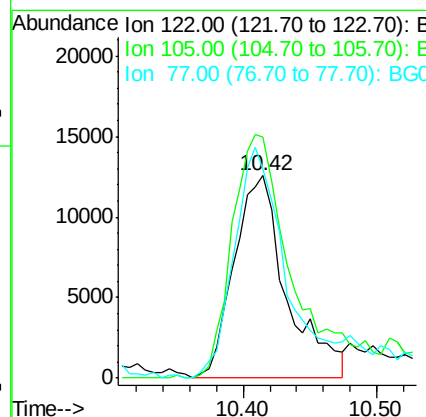
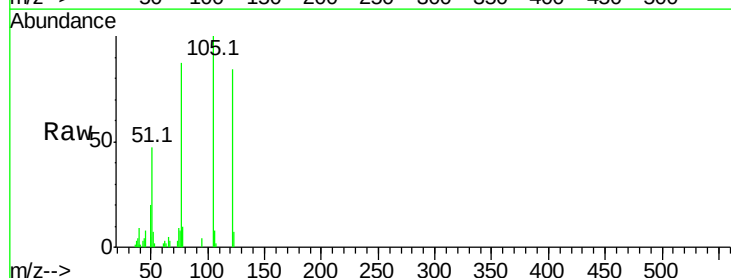
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

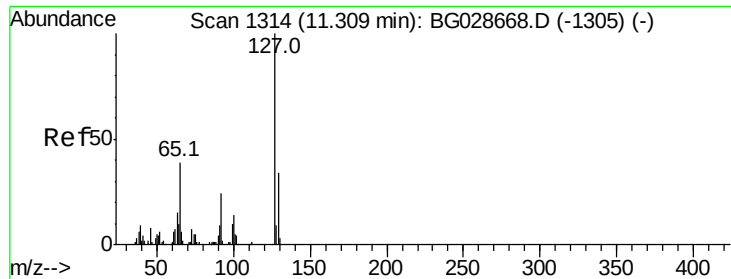
Tot Ion:128 Resp: 314864
Ion Ratio Lower Upper
128 100
129 10.1 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 21.483 ng
RT: 10.42 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion:122 Resp: 34296
Ion Ratio Lower Upper
122 100
105 119.5 120.1 160.1#
77 103.5 104.6 144.6#

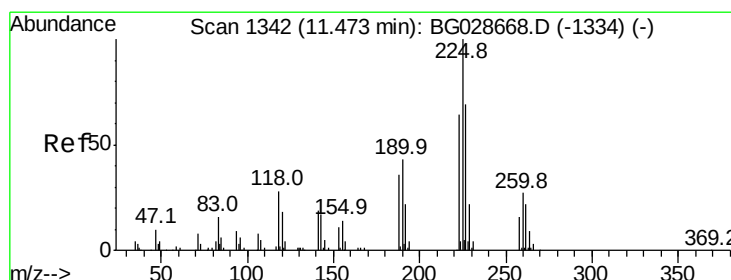
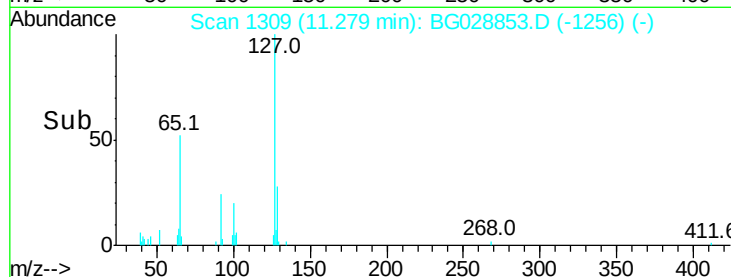
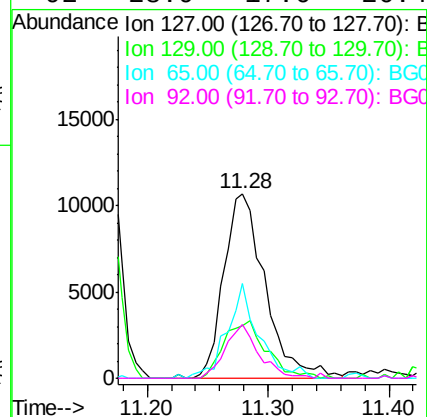
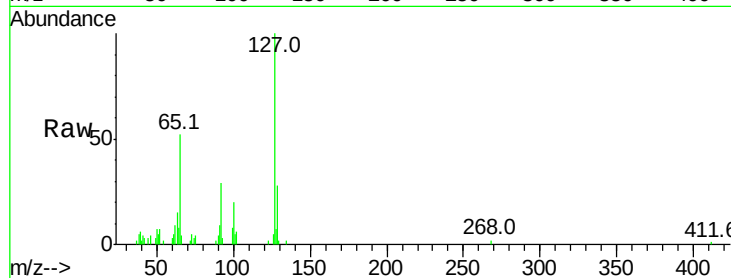




#33
4-Chloroaniline
Concen: 7.598 ng
RT: 11.28 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

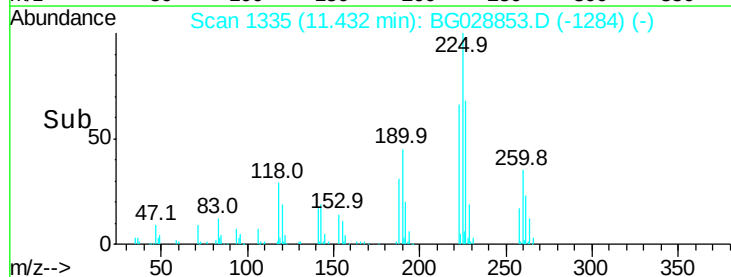
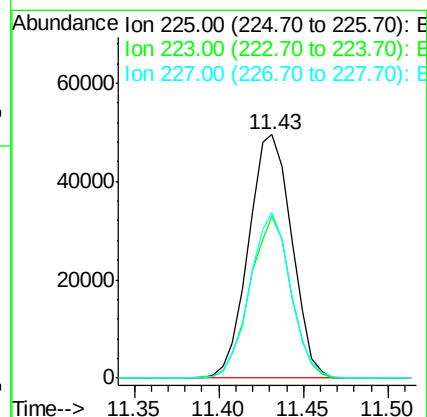
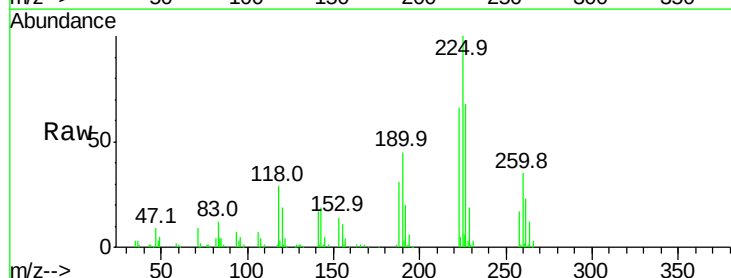
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

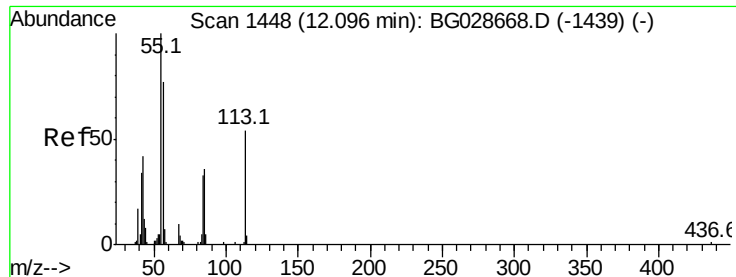
Tot Ion:127 Resp: 25281
Ion Ratio Lower Upper
127 100
129 28.4 23.6 35.4
65 51.6 37.7 56.5
92 28.9 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 38.484 ng
RT: 11.43 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion:225 Resp: 88114
Ion Ratio Lower Upper
225 100
223 66.5 50.7 76.1
227 68.1 49.0 73.6

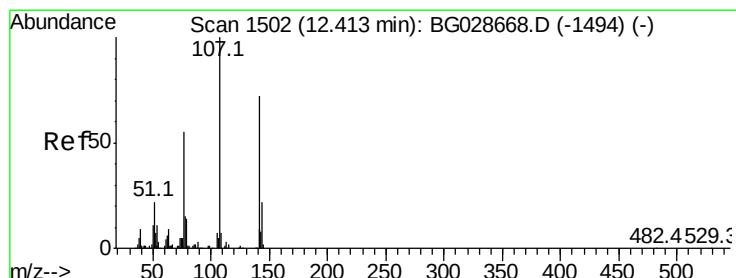
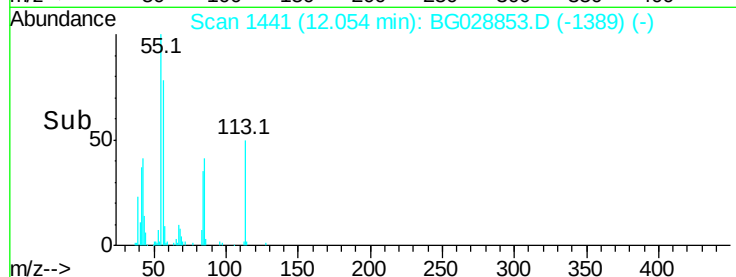
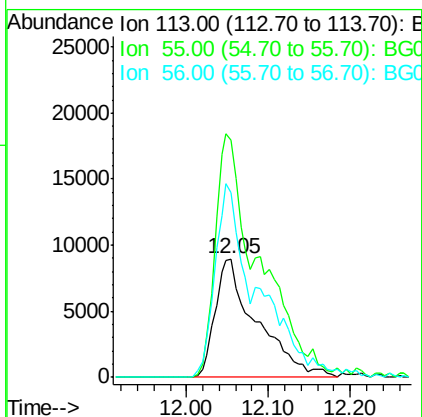
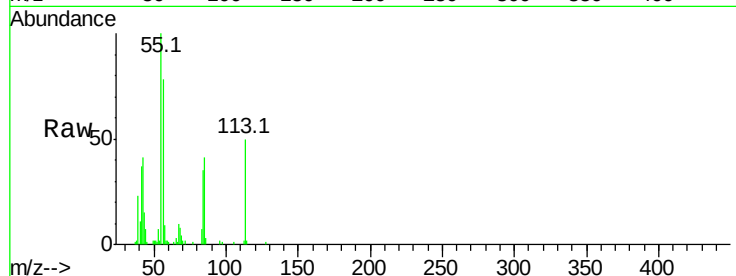




#35
 Caprolactam
 Concen: 32.477 ng
 RT: 12.05 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

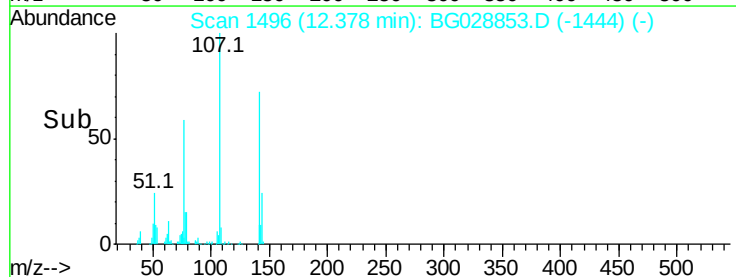
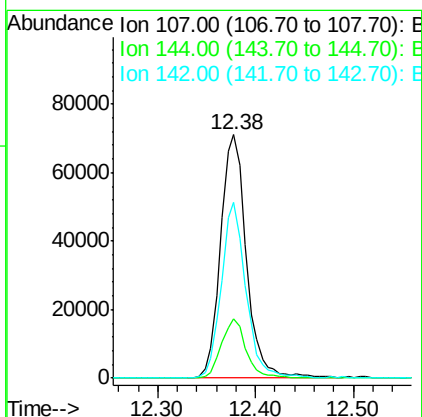
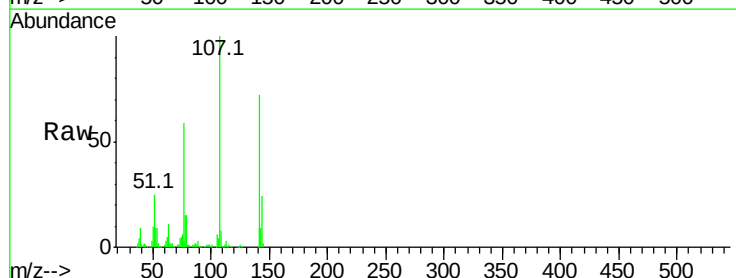
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

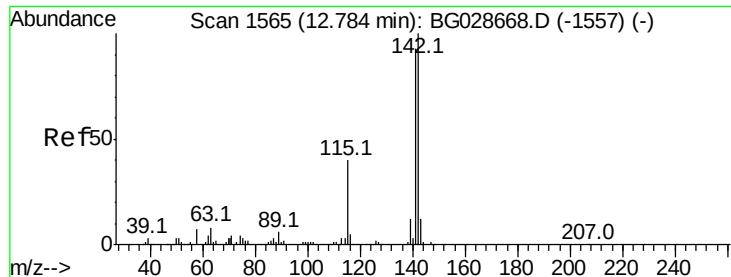
Tot Ion:113 Resp: 31736
 Ion Ratio Lower Upper
 113 100
 55 200.7 198.6 238.6
 56 156.3 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 36.848 ng
 RT: 12.38 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion:107 Resp: 130676
 Ion Ratio Lower Upper
 107 100
 144 24.5 17.4 26.0
 142 72.0 54.1 81.1

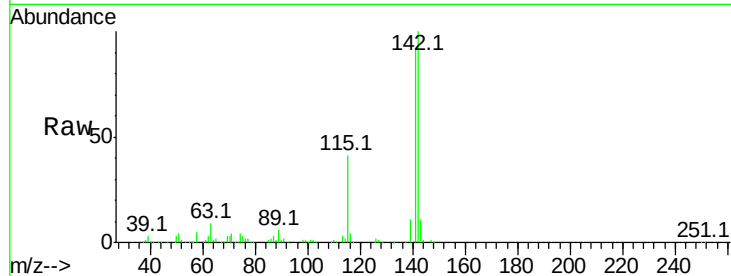




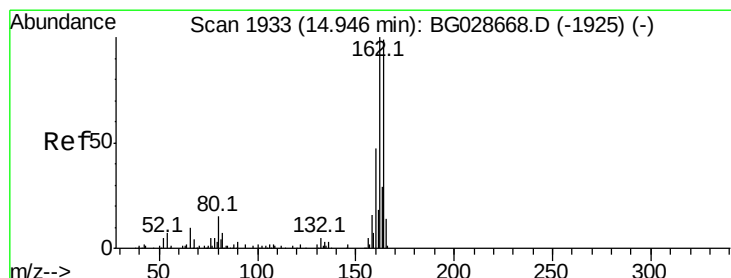
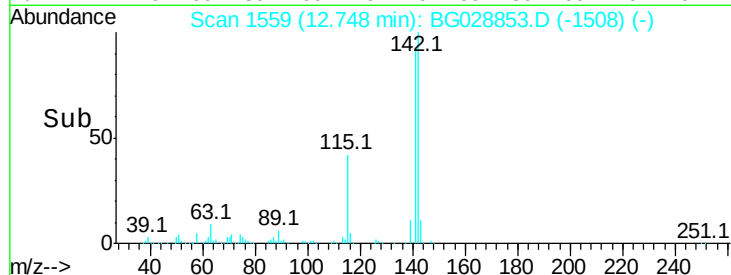
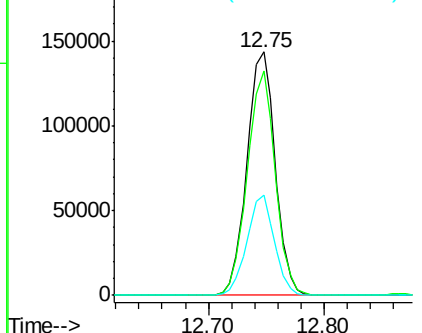
#37
2-Methylnaphthalene
Concen: 41.313 ng
RT: 12.75 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.4	105.6
115	41.4	35.5	53.3

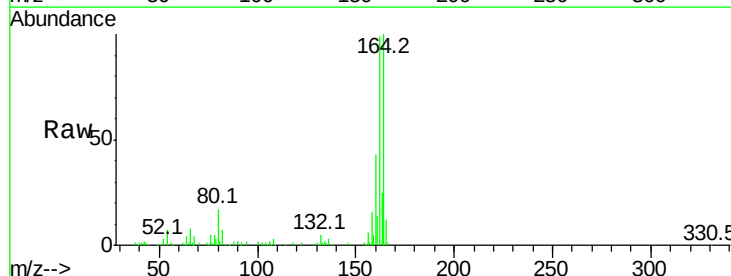


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

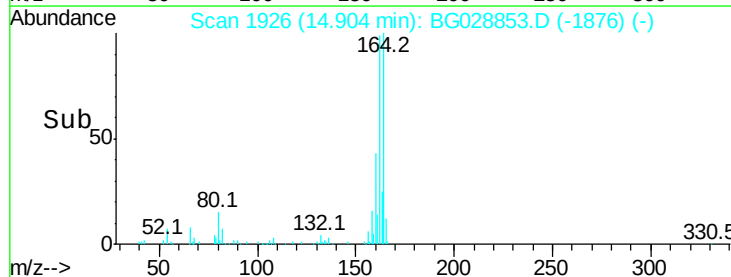
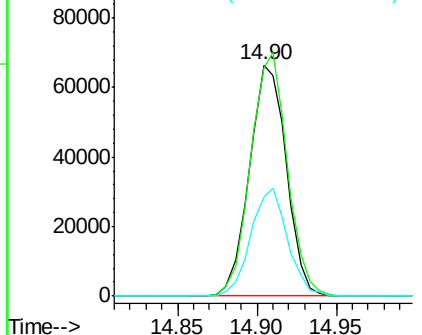


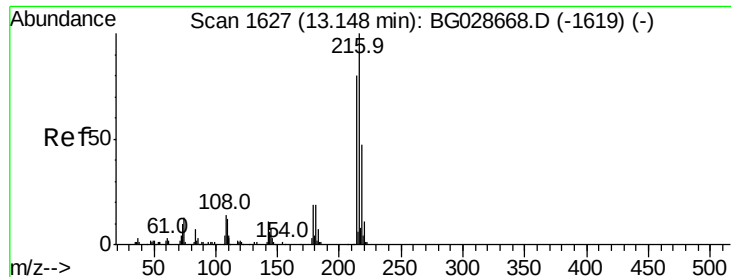
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	85.1	127.7
160	43.0	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

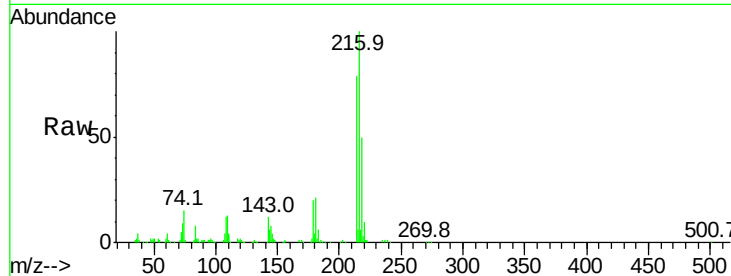




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.931 ng
 RT: 13.11 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.4	96.6
179	19.8	17.4	26.0
108	15.1	15.6	23.4



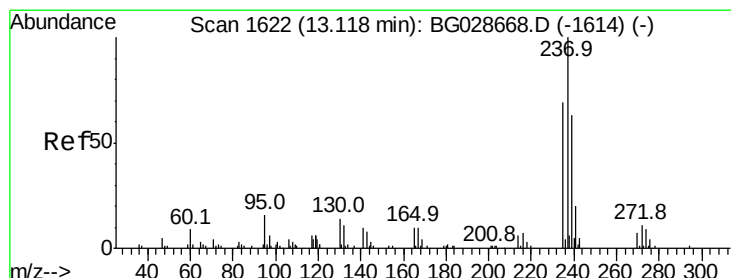
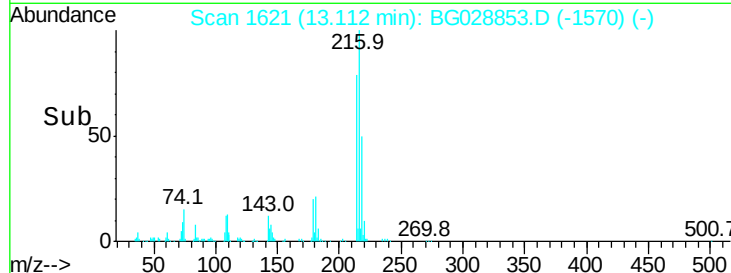
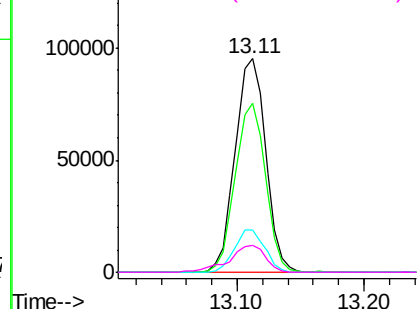
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

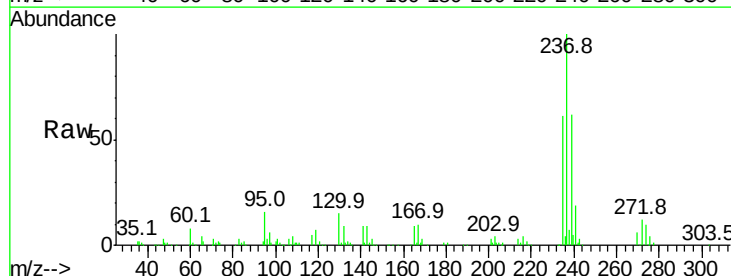
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 80.290 ng
 RT: 13.08 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	39.4	79.4
272	12.3	0.0	32.0

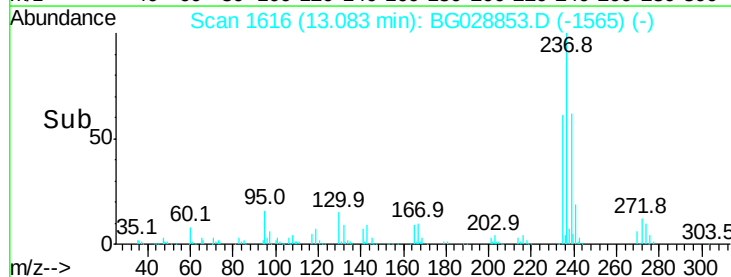
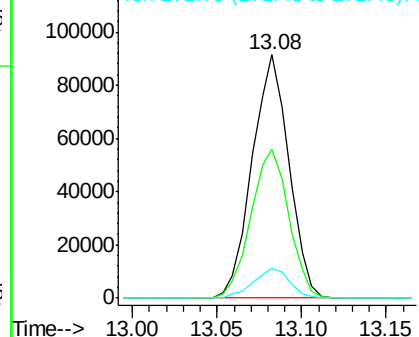


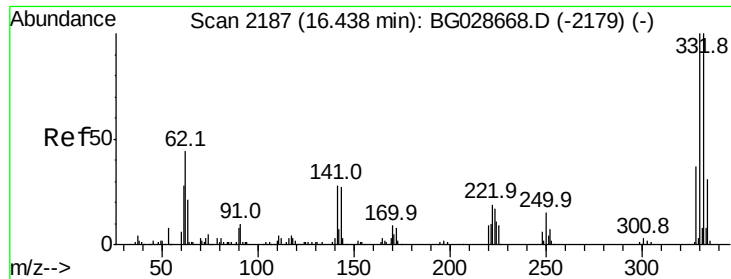
Abundance

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: 131.344 ng

RT: 16.40 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

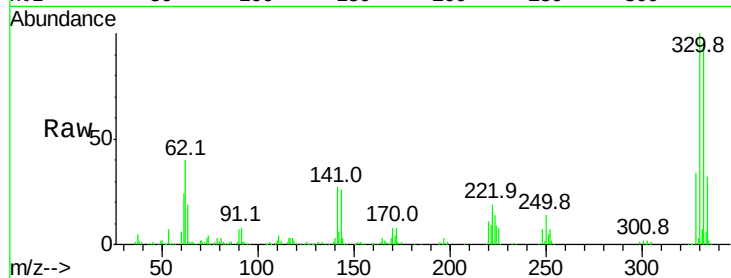
Tot Ion:330 Resp: 233657

Ion Ratio Lower Upper

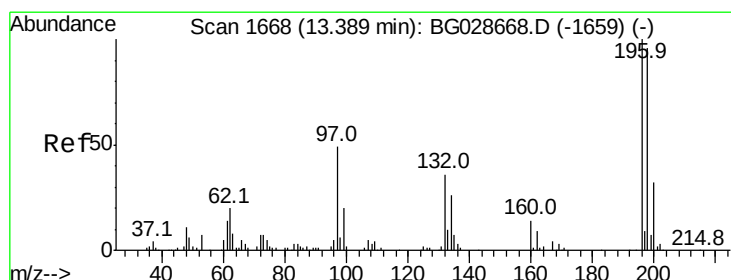
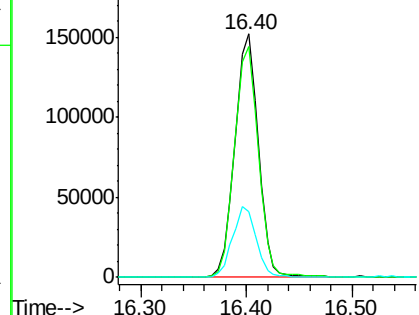
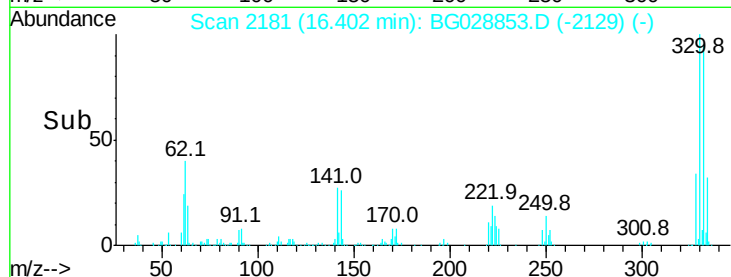
330 100

332 96.3 77.3 115.9

141 29.6 32.1 48.1#



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



#42

2,4,6-Trichlorophenol

Concen: 37.366 ng

RT: 13.35 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

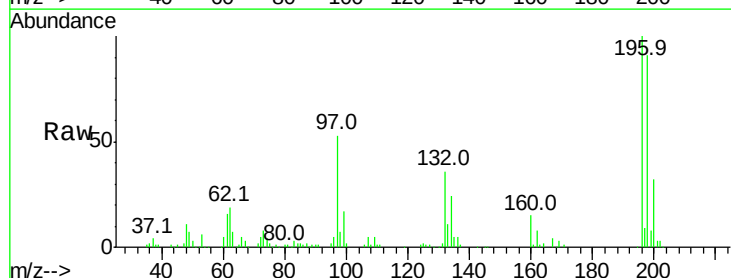
Tgt Ion:196 Resp: 104885

Ion Ratio Lower Upper

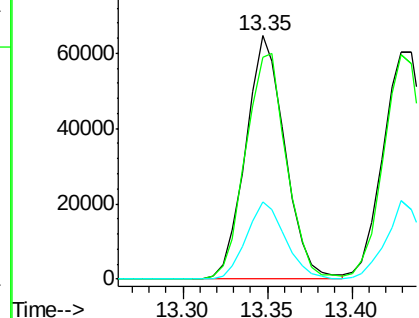
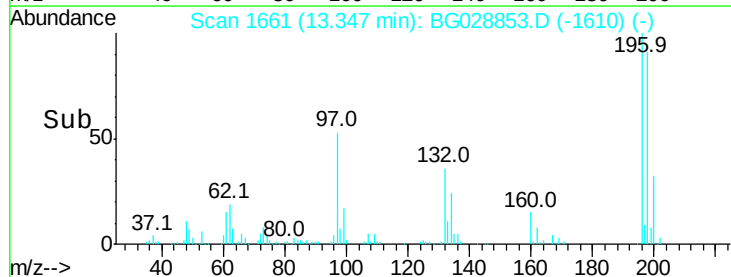
196 100

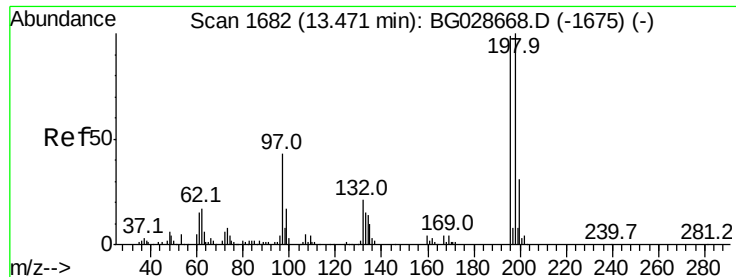
198 91.0 81.4 122.2

200 31.8 27.0 40.6



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

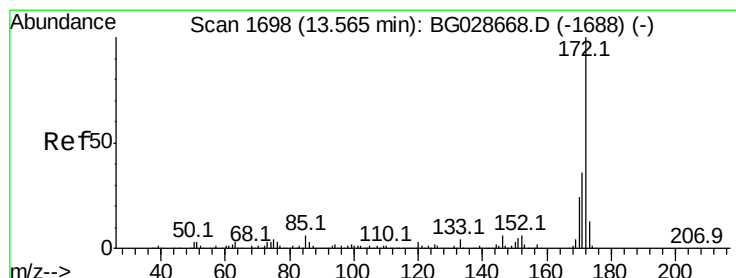
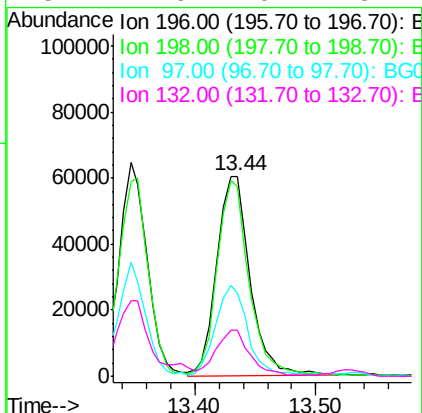
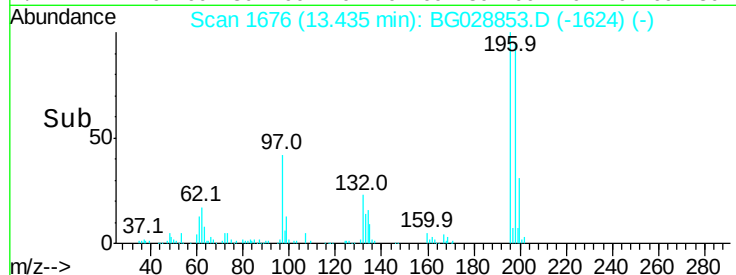
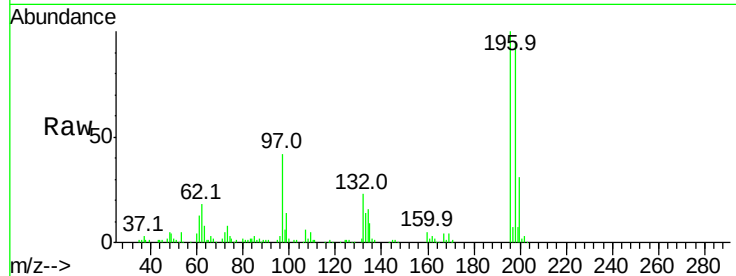




#43
 2,4,5-Trichlorophenol
 Concen: 40.562 ng
 RT: 13.44 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

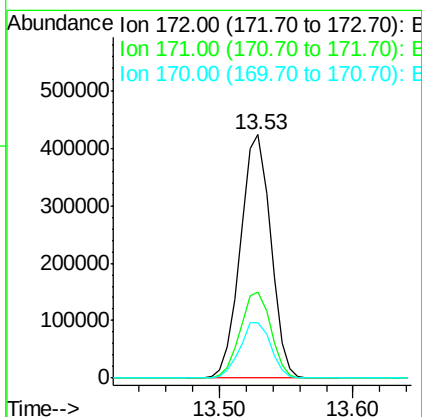
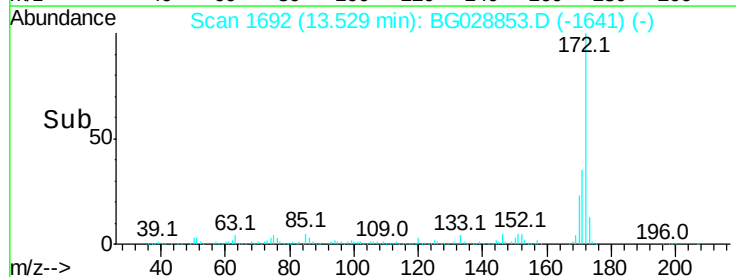
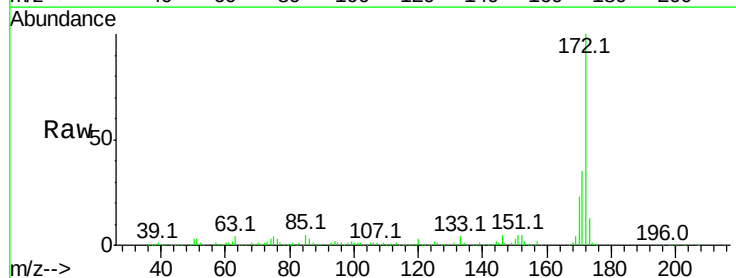
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

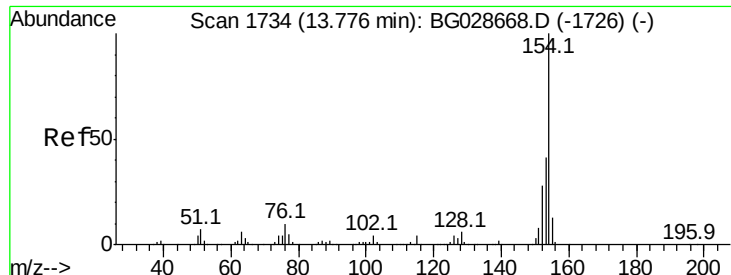
Tot Ion:	196	Resp:	114405
Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.9	119.9
97	41.7	45.4	68.0#
132	22.9	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 82.303 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion:	172	Resp:	663892
Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.7	21.8	32.6

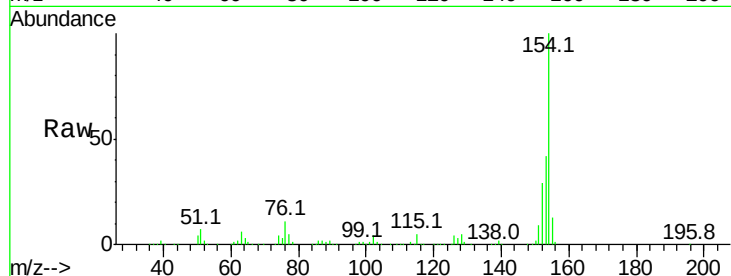




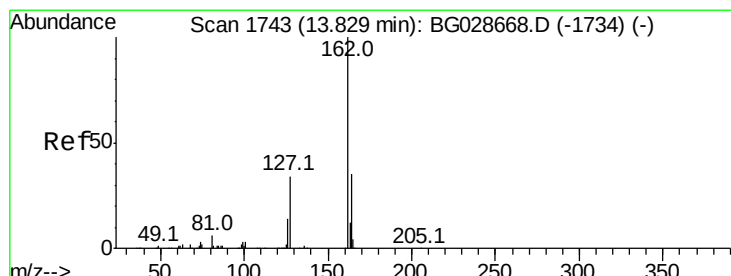
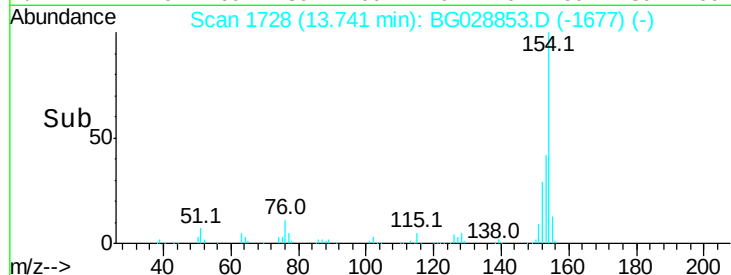
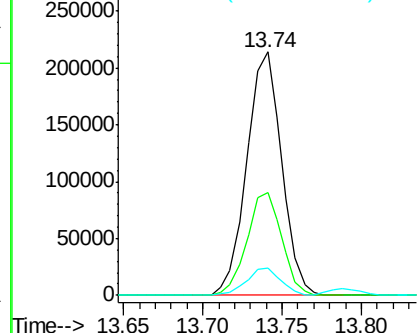
#45
 1,1'-Biphenyl
 Concen: 36.740 ng
 RT: 13.74 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.0	63.0
76	11.0	0.0	33.5

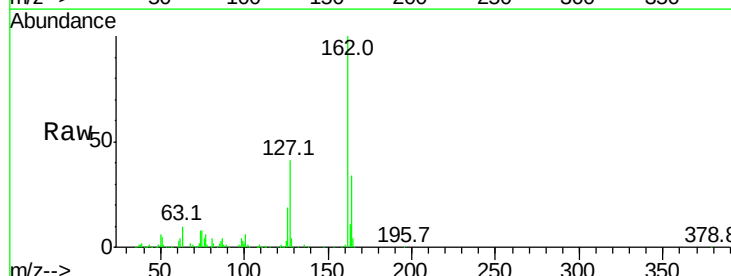


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

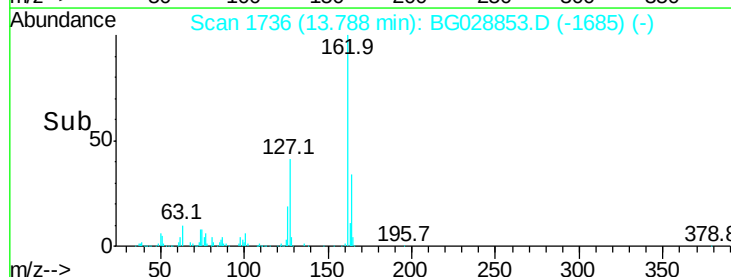
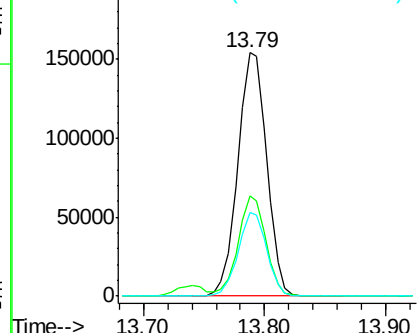


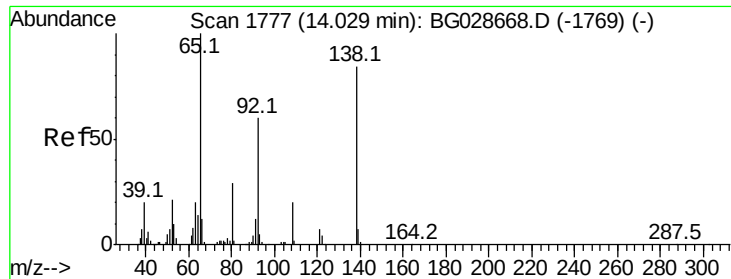
#46
 2-Chloronaphthalene
 Concen: 39.540 ng
 RT: 13.79 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.2	48.4
164	34.4	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.984 ng

RT: 13.99 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

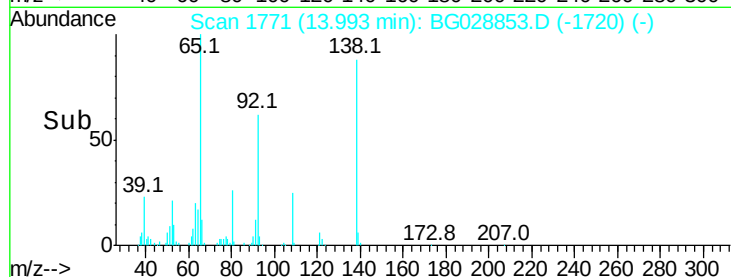
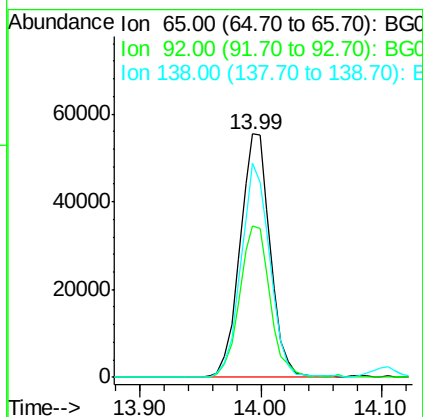
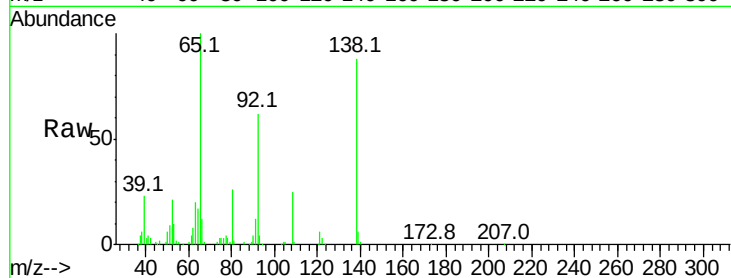
Tot Ion: 65 Resp: 96525

Ion Ratio Lower Upper

65 100

92 62.2 49.0 73.4

138 88.0 58.6 87.8#



#48

Acenaphthylene

Concen: 39.066 ng

RT: 14.63 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

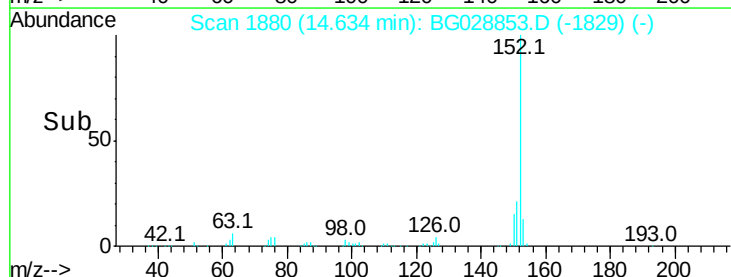
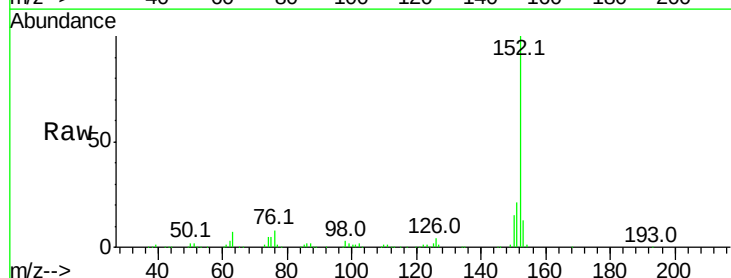
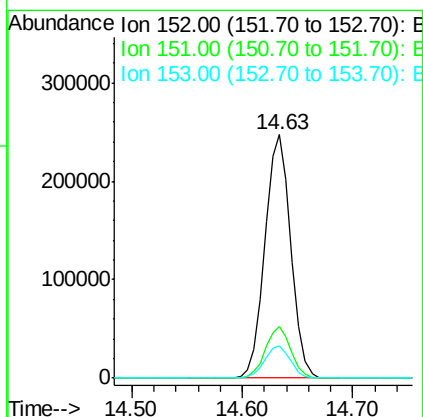
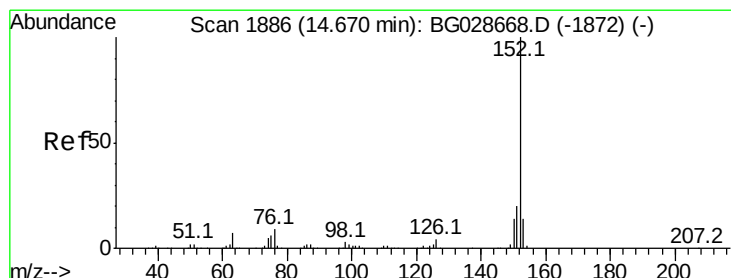
Tgt Ion: 152 Resp: 405407

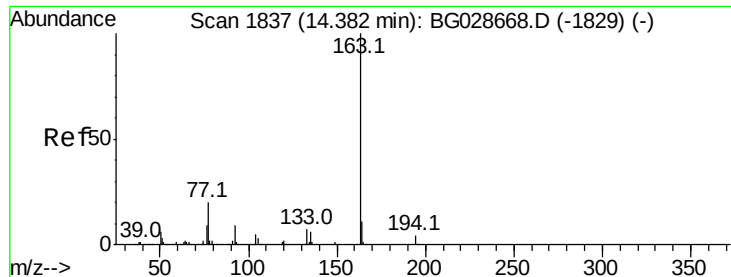
Ion Ratio Lower Upper

152 100

151 21.2 18.2 27.2

153 13.2 11.3 16.9





#49

Dimethylphthalate

Concen: 38.639 ng

RT: 14.35 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

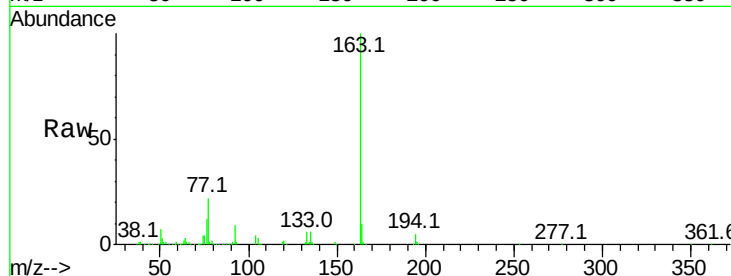
Tot Ion:163 Resp: 348507

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

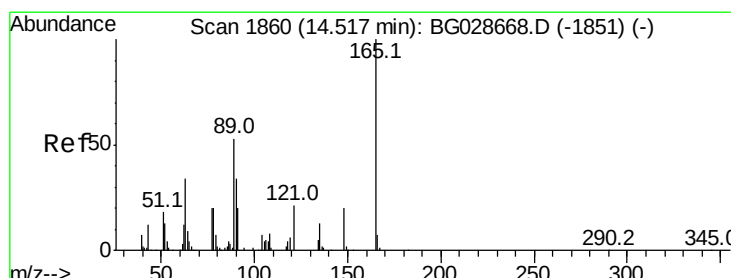
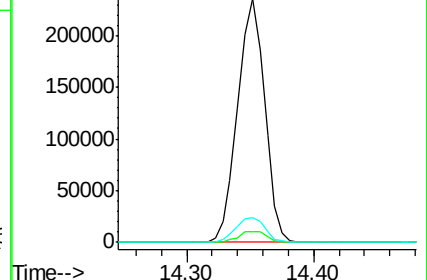
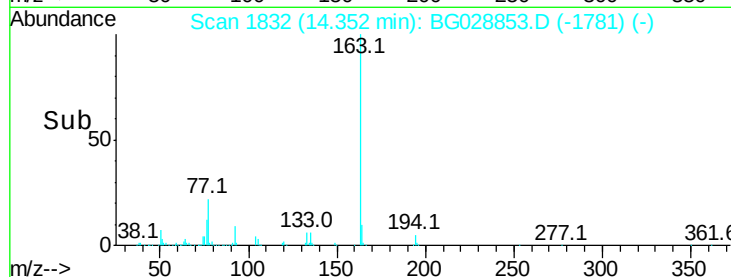
164 10.2 9.3 13.9



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: 41.140 ng

RT: 14.48 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

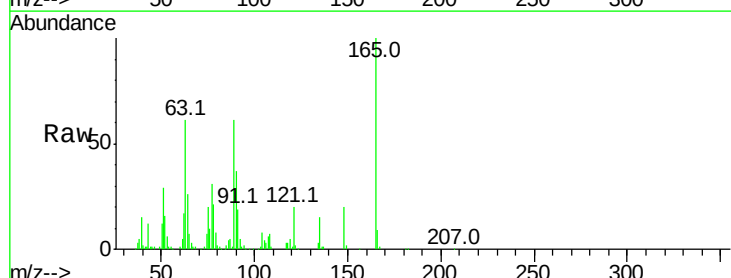
Tgt Ion:165 Resp: 82566

Ion Ratio Lower Upper

165 100

63 60.9 63.9 95.9#

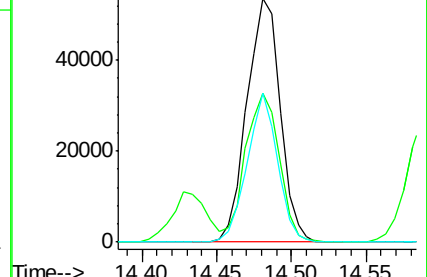
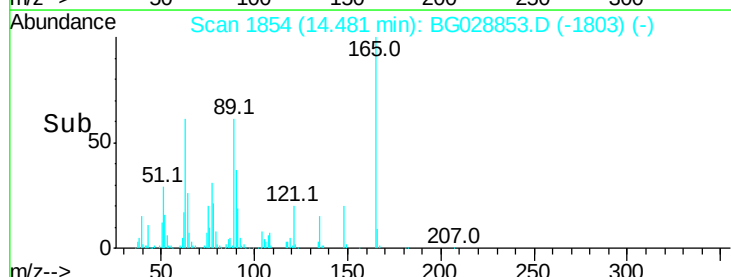
89 61.2 58.6 88.0

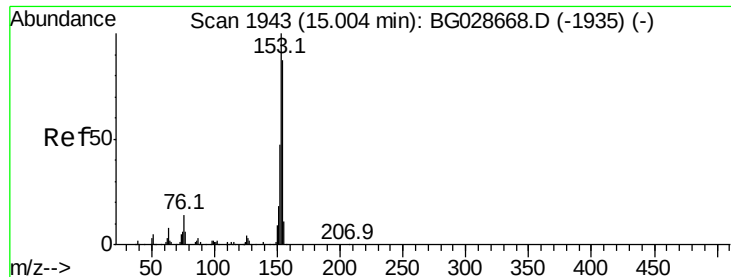


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.585 ng

RT: 14.97 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

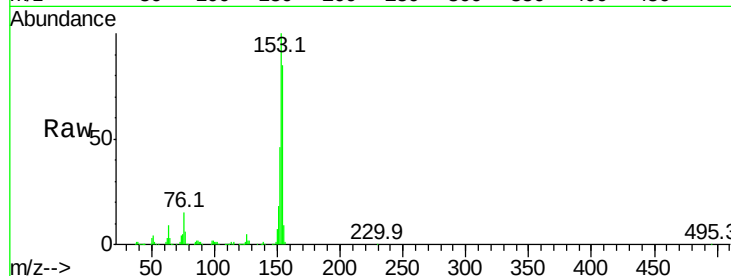
Tot Ion:154 Resp: 249544

Ion Ratio Lower Upper

154 100

153 117.3 87.8 131.6

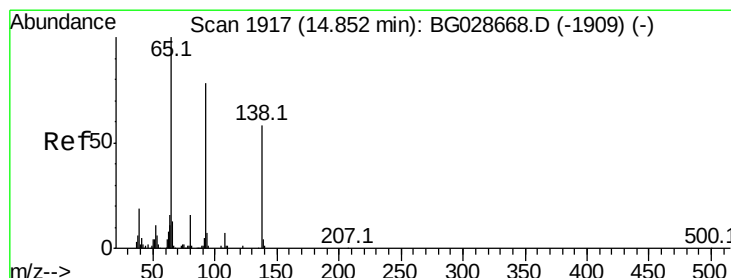
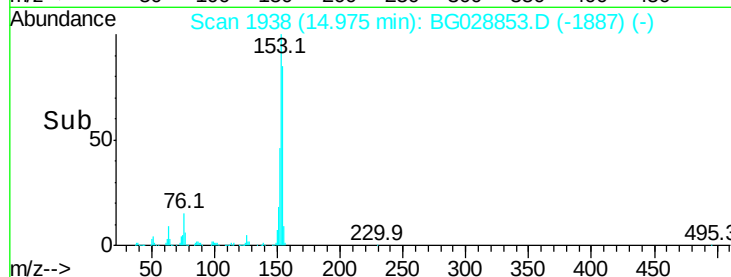
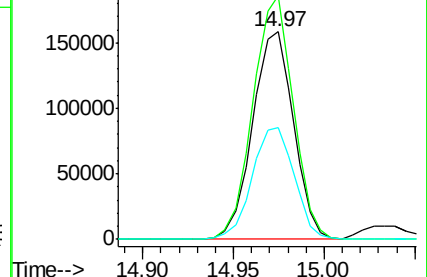
152 53.8 42.2 63.4



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: 24.471 ng

RT: 14.82 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

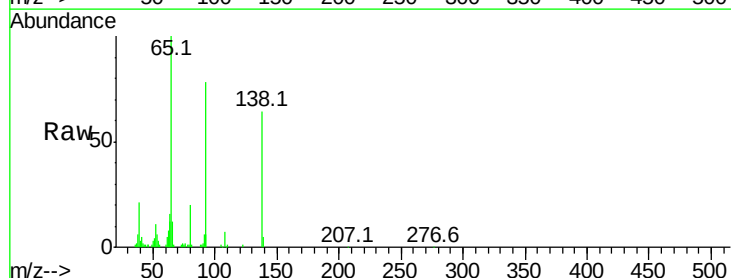
Tgt Ion:138 Resp: 43431

Ion Ratio Lower Upper

138 100

108 11.6 10.9 16.3

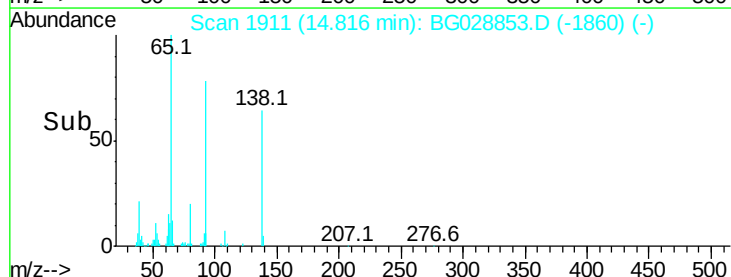
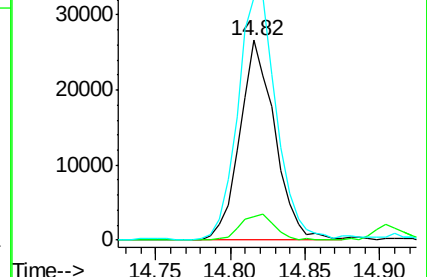
92 121.4 115.3 172.9

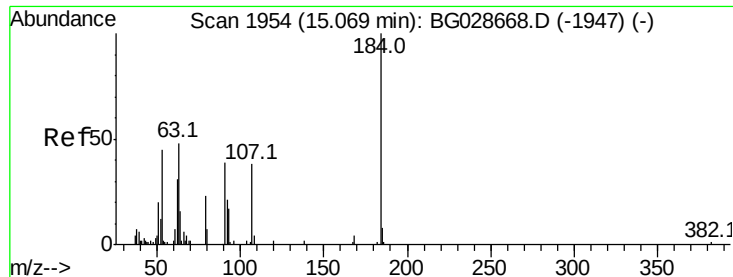


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

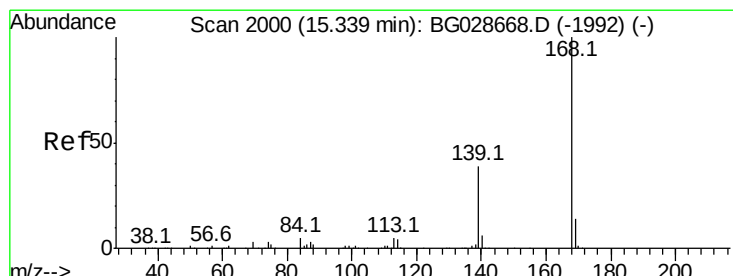
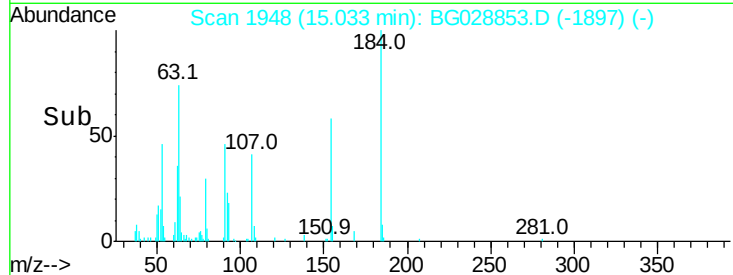
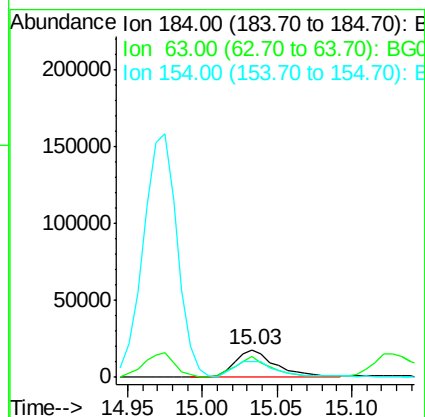
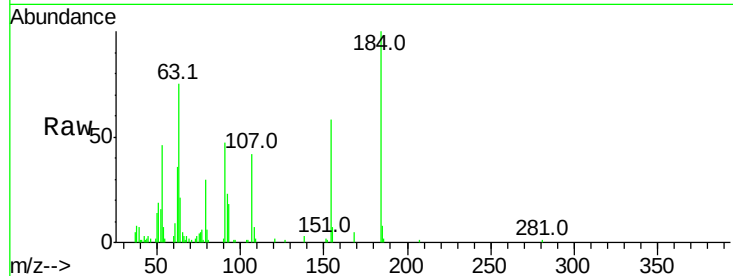




#53
 2,4-Dinitrophenol
 Concen: 37.102 ng
 RT: 15.03 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

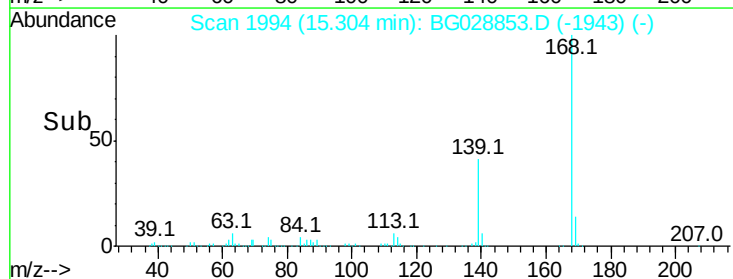
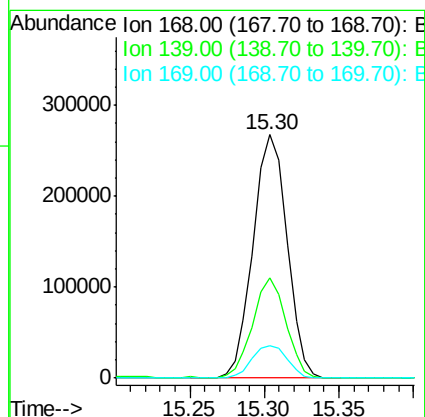
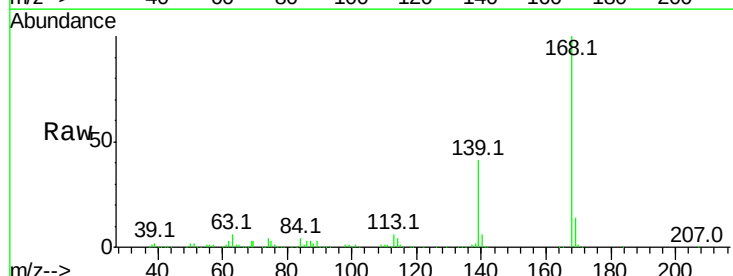
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

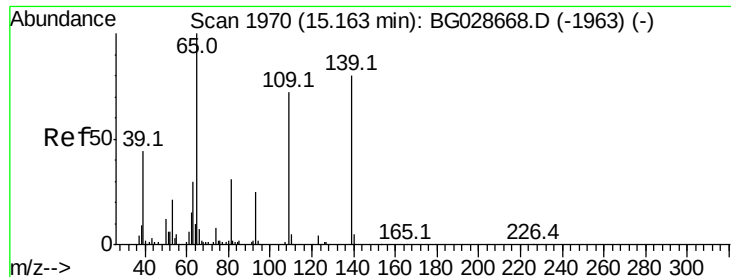
Tot Ion:184 Resp: 34194
 Ion Ratio Lower Upper
 184 100
 63 75.0 52.7 79.1
 154 58.2 57.3 85.9



#54
 Dibenzofuran
 Concen: 41.977 ng
 RT: 15.30 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion:168 Resp: 421997
 Ion Ratio Lower Upper
 168 100
 139 41.2 35.3 52.9
 169 13.5 11.5 17.3

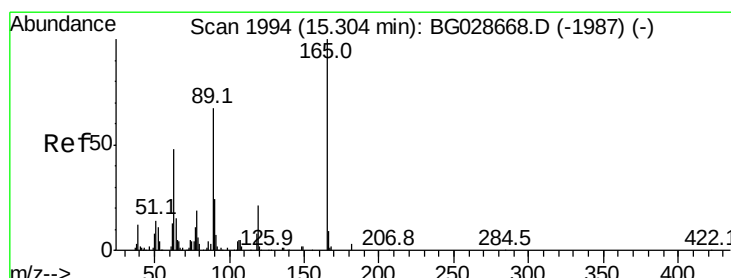
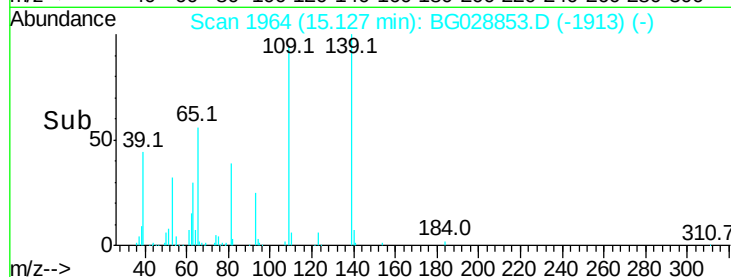
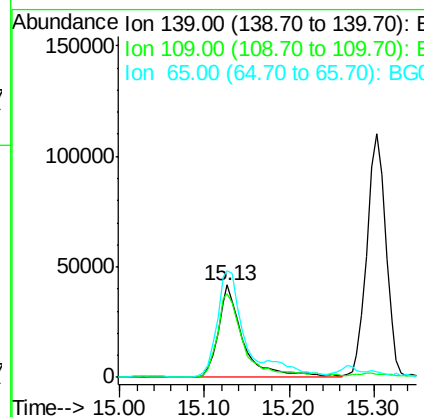
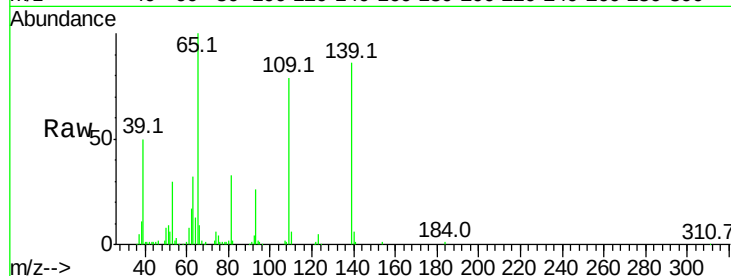




#55
4-Nitrophenol
Concen: 66.766 ng
RT: 15.13 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

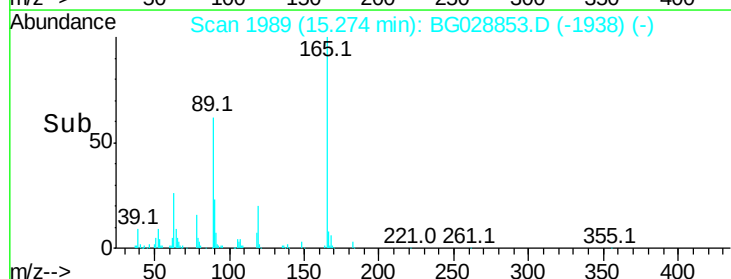
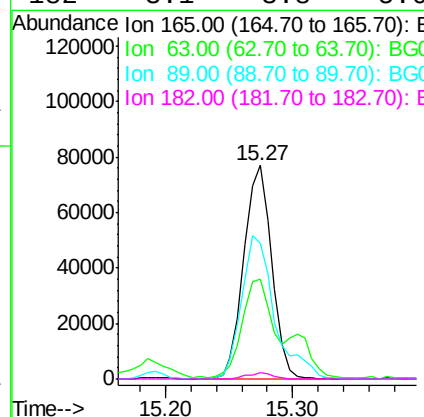
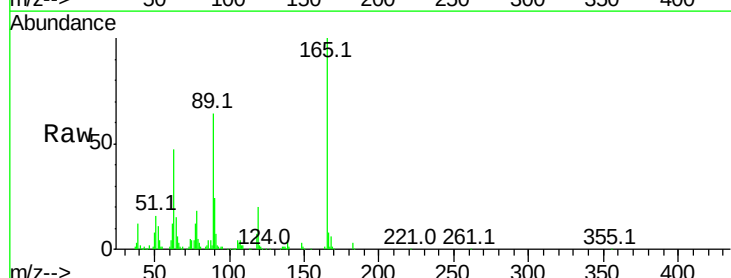
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

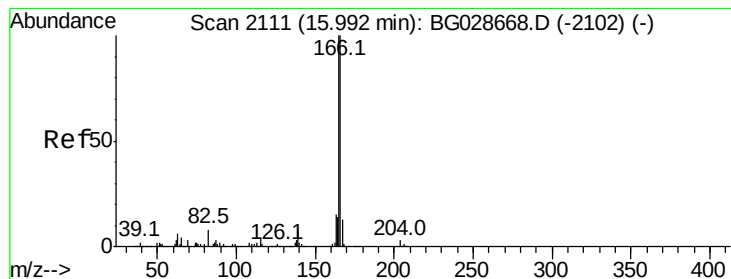
Tot Ion:139 Resp: 86816
Ion Ratio Lower Upper
139 100
109 91.5 101.2 141.2#
65 116.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 41.816 ng
RT: 15.27 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion:165 Resp: 118003
Ion Ratio Lower Upper
165 100
63 46.7 44.0 66.0
89 63.8 67.3 100.9#
182 3.1 3.8 5.6#





#57

Fluorene

Concen: 40.670 ng

RT: 15.96 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

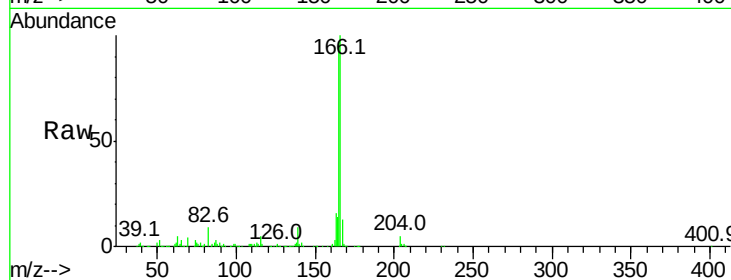
Tot Ion:166 Resp: 365015

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

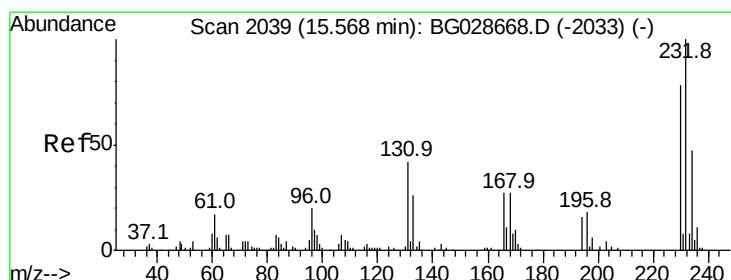
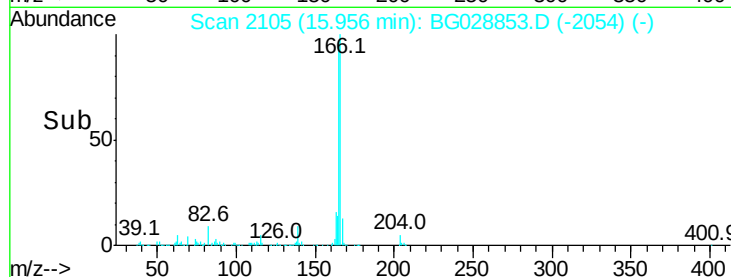
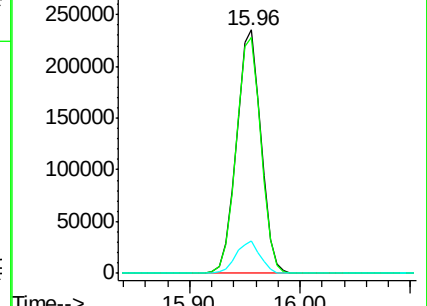
167 13.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.873 ng

RT: 15.53 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Tgt Ion:232 Resp: 114033

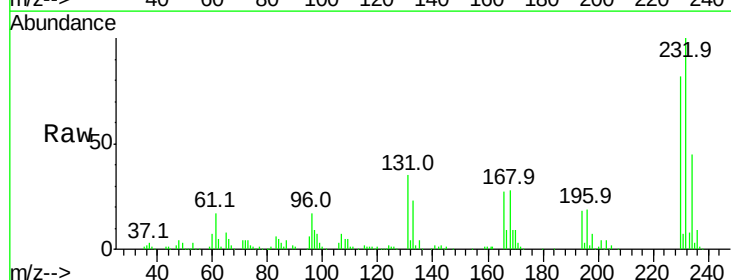
Ion Ratio Lower Upper

232 100

131 33.2 34.9 52.3#

130 1.8 2.3 3.5#

166 26.6 24.2 36.4

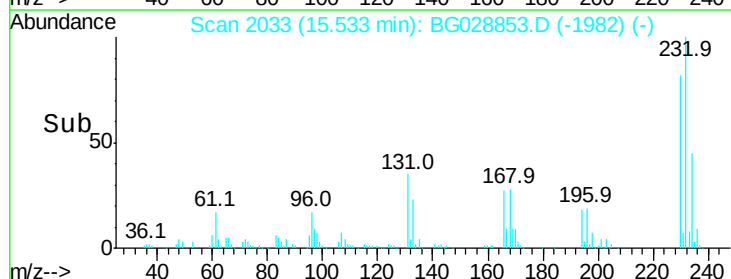
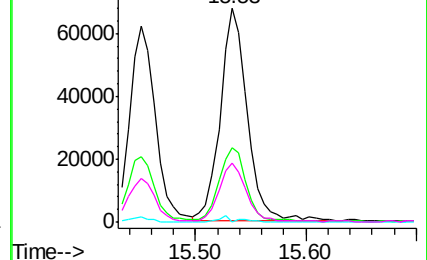


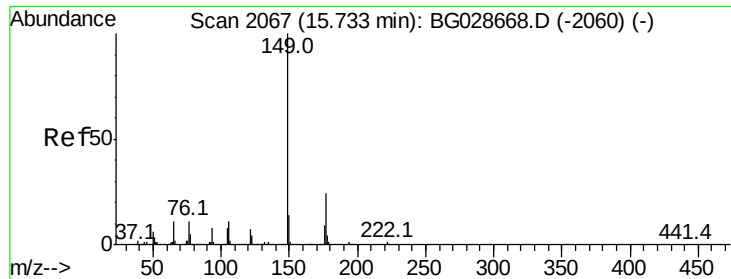
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.603 ng

RT: 15.70 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

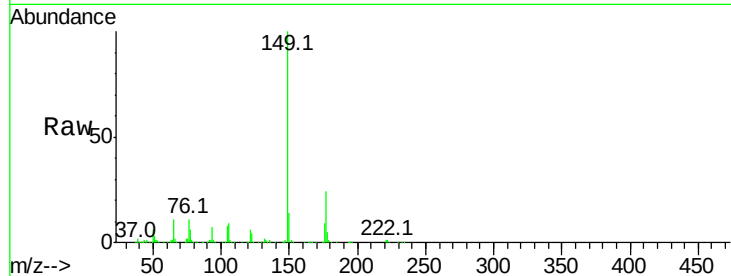
Tot Ion:149 Resp: 367073

Ion Ratio Lower Upper

149 100

177 24.2 20.1 30.1

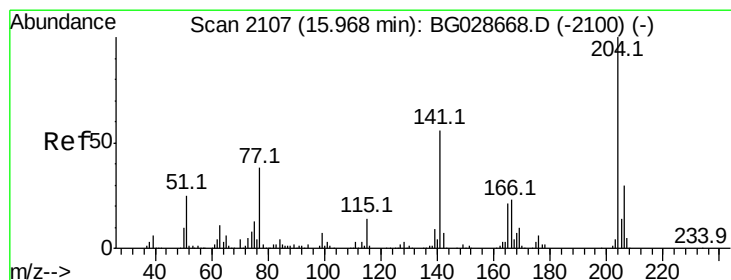
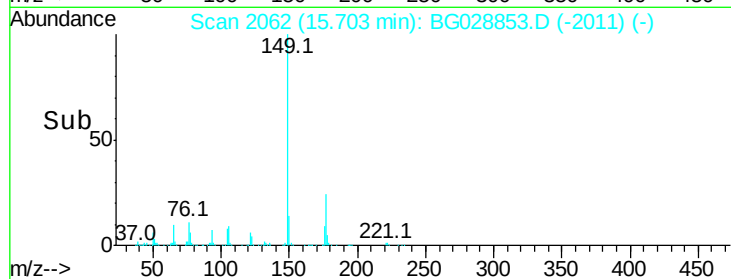
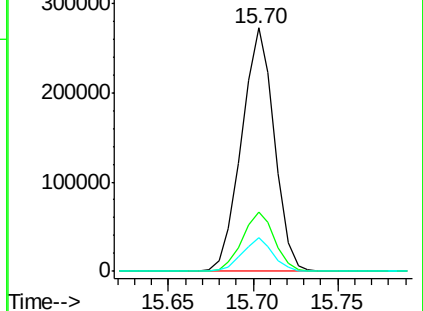
150 13.7 10.2 15.2



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: 40.972 ng

RT: 15.93 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

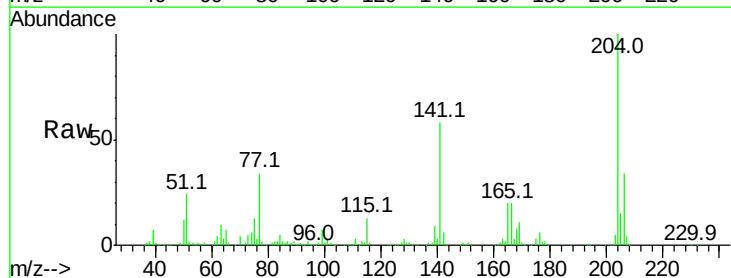
Tgt Ion:204 Resp: 209388

Ion Ratio Lower Upper

204 100

206 33.5 30.1 45.1

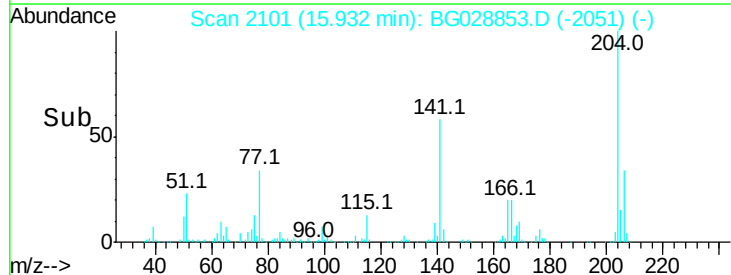
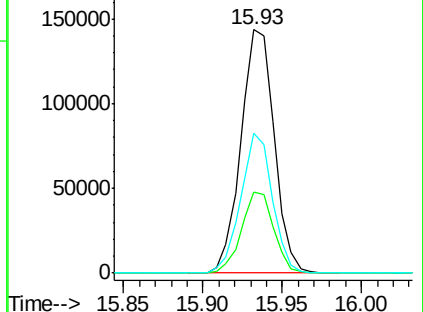
141 57.6 50.6 76.0

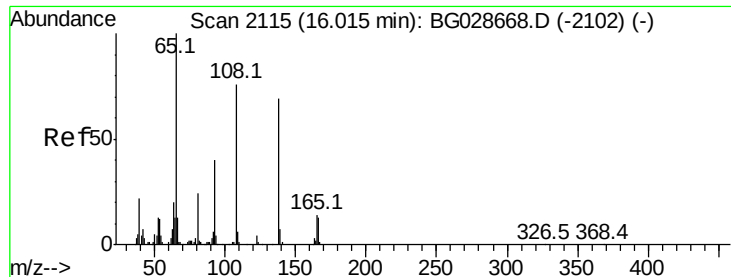


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

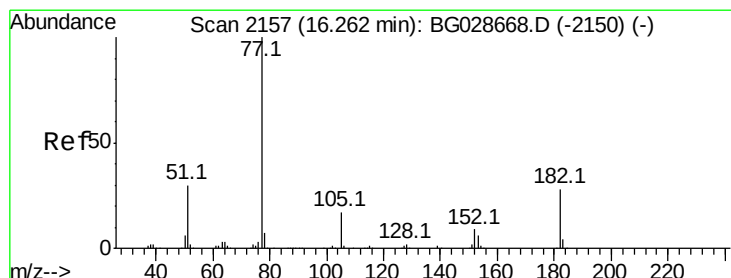
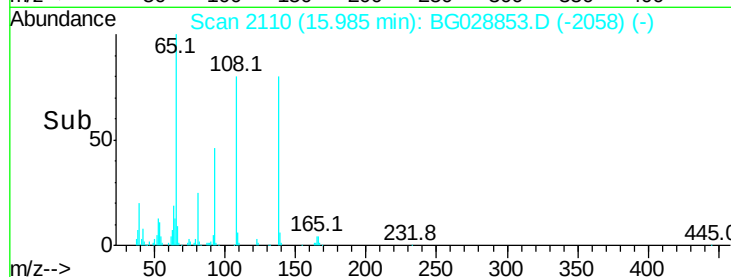
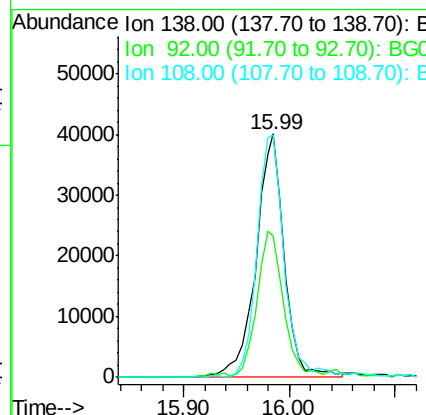
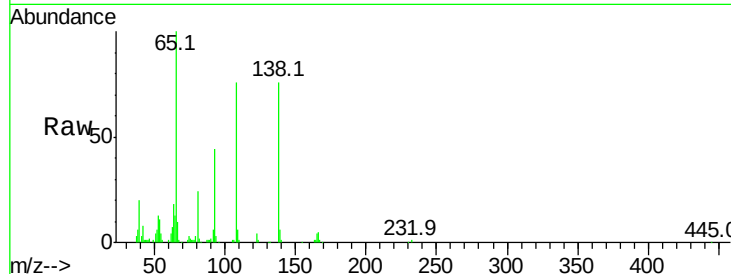




#61
4-Nitroaniline
Concen: 39.715 ng
RT: 15.99 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

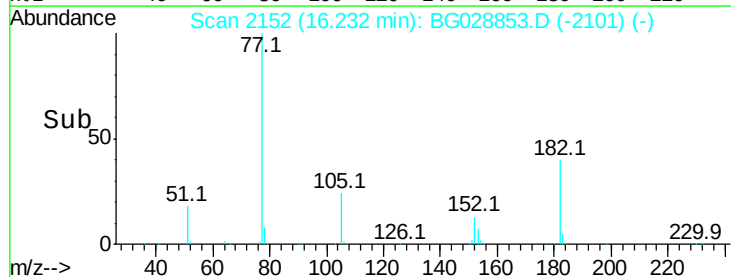
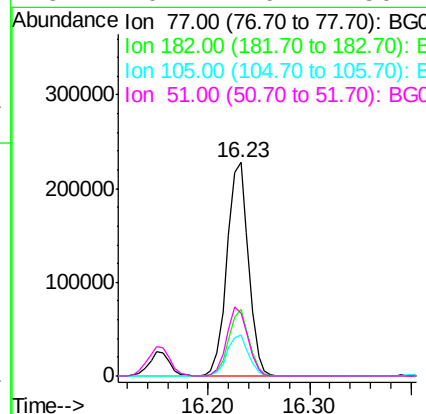
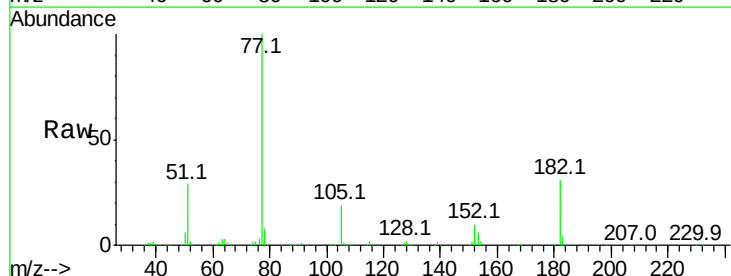
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

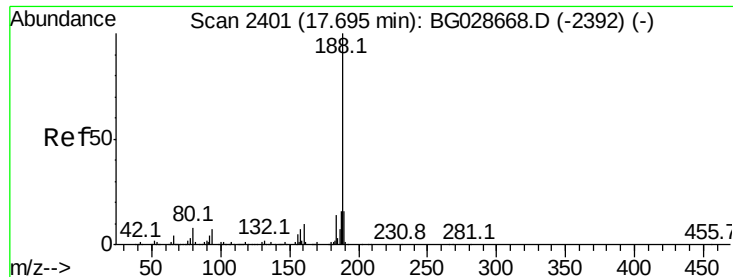
Tot Ion:138 Resp: 74673
Ion Ratio Lower Upper
138 100
92 58.1 44.2 84.2
108 99.7 104.8 144.8#



#62
Azobenzene
Concen: 42.859 ng
RT: 16.23 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion: 77 Resp: 334105
Ion Ratio Lower Upper
77 100
182 31.1 4.7 44.7
105 19.0 0.0 36.3
51 29.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

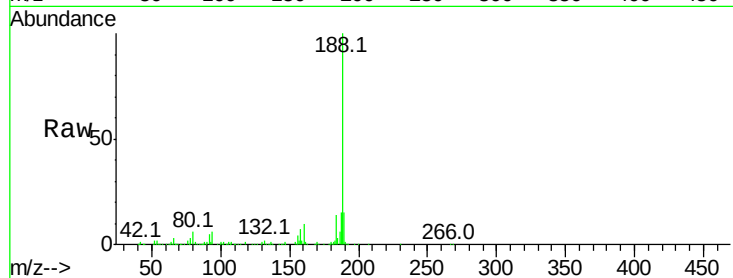
Tot Ion:188 Resp: 278139

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

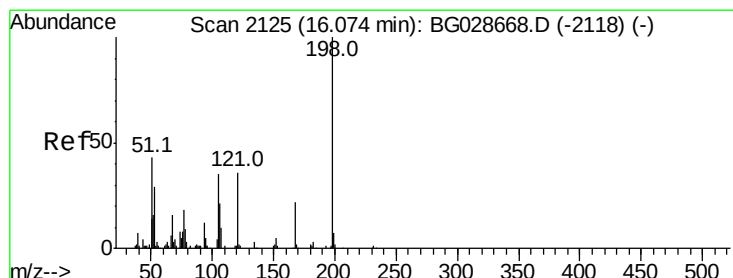
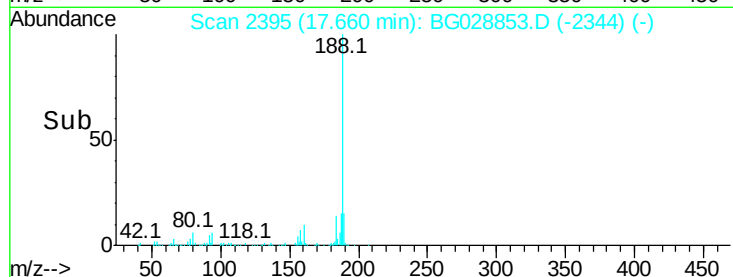
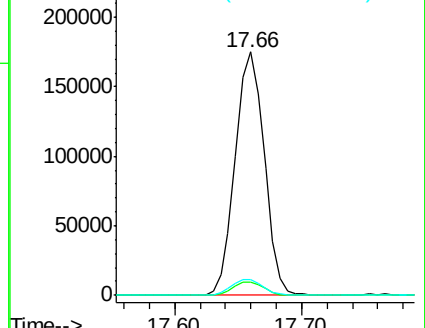
80 6.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 25.945 ng

RT: 16.04 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

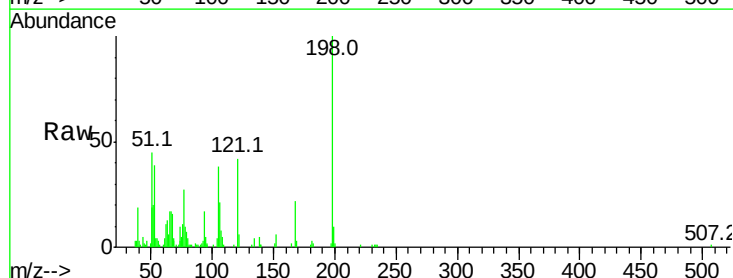
Tgt Ion:198 Resp: 46565

Ion Ratio Lower Upper

198 100

51 44.8 22.6 62.6

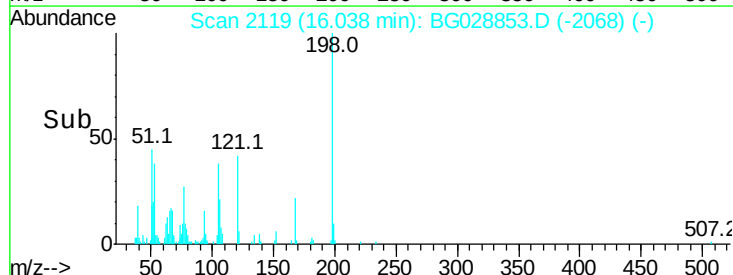
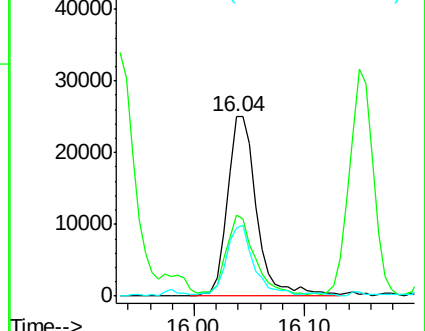
105 38.0 14.4 54.4

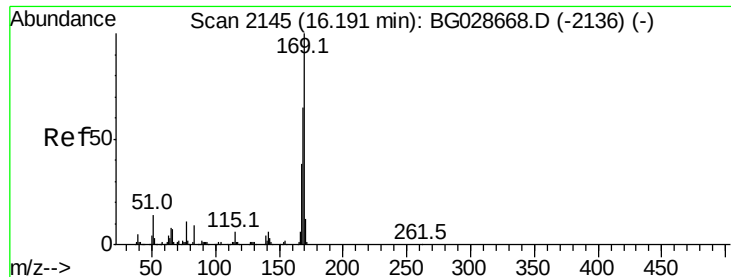


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.064 ng

RT: 16.15 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

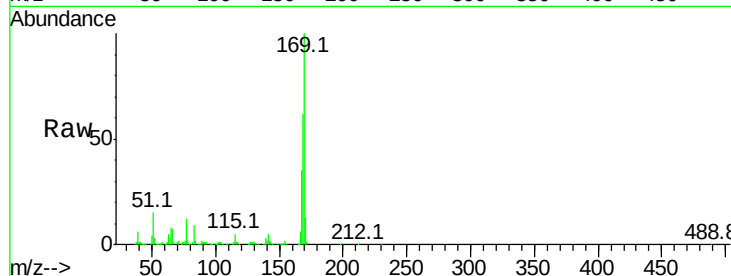
Tot Ion:169 Resp: 319443

Ion Ratio Lower Upper

169 100

168 62.3 55.7 83.5

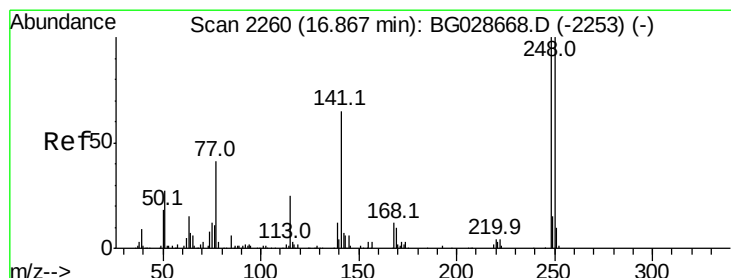
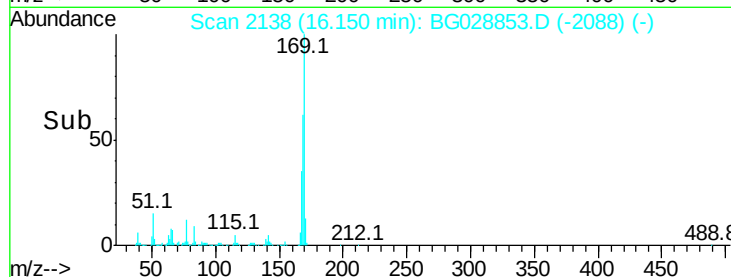
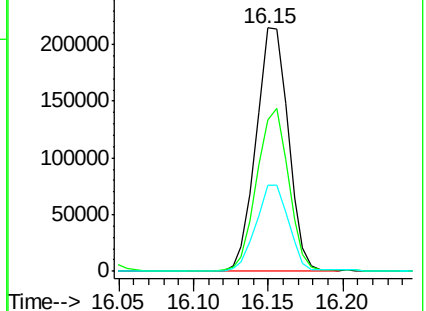
167 35.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.557 ng

RT: 16.83 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

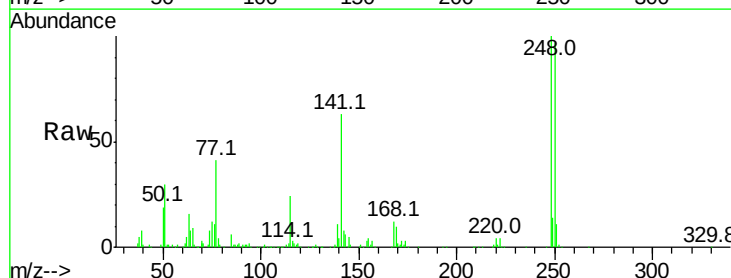
Tgt Ion:248 Resp: 145150

Ion Ratio Lower Upper

248 100

250 97.1 75.0 112.6

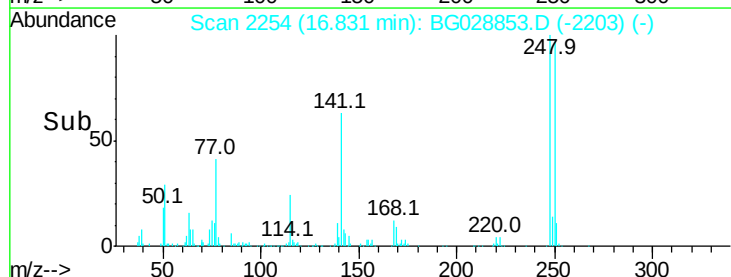
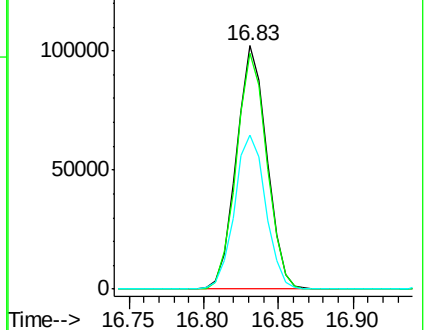
141 63.2 55.2 82.8

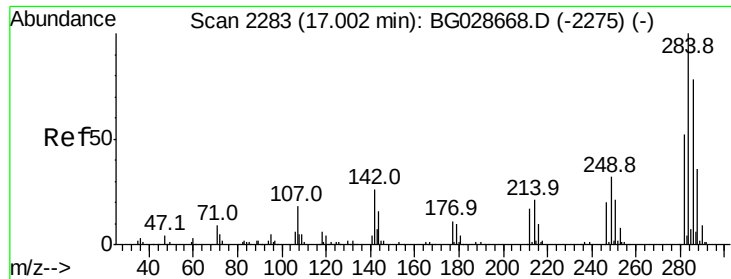


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.017 ng

RT: 16.97 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

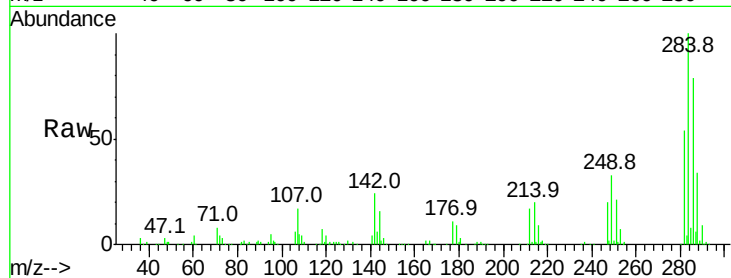
Tot Ion:284 Resp: 154854

Ion Ratio Lower Upper

284 100

142 23.9 29.9 44.9#

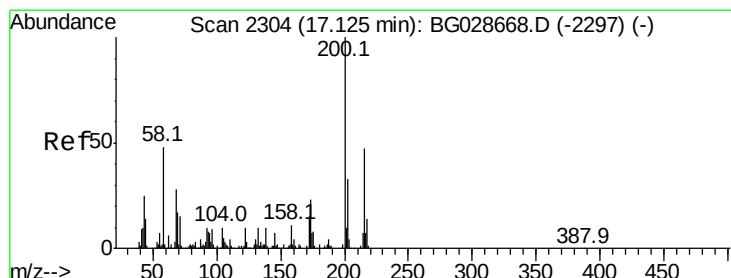
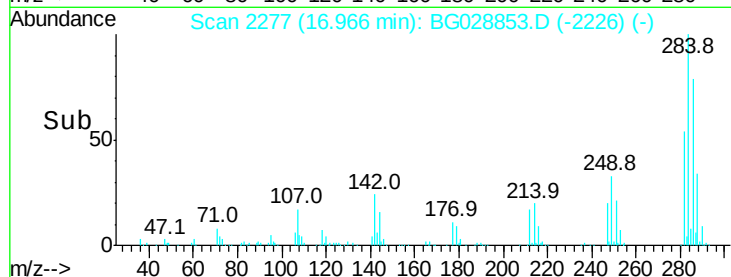
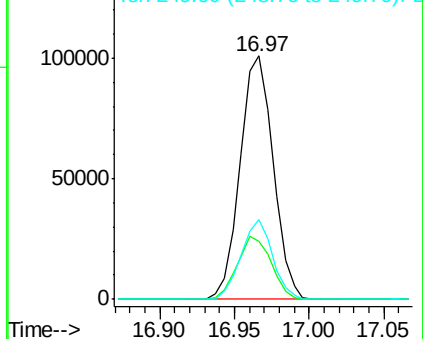
249 32.5 29.2 43.8



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: 40.055 ng

RT: 17.10 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

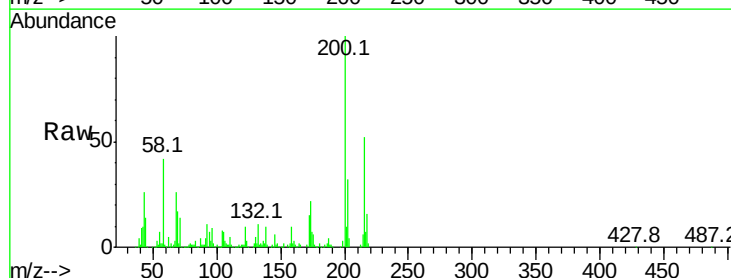
Tgt Ion:200 Resp: 137127

Ion Ratio Lower Upper

200 100

173 22.2 3.0 43.0

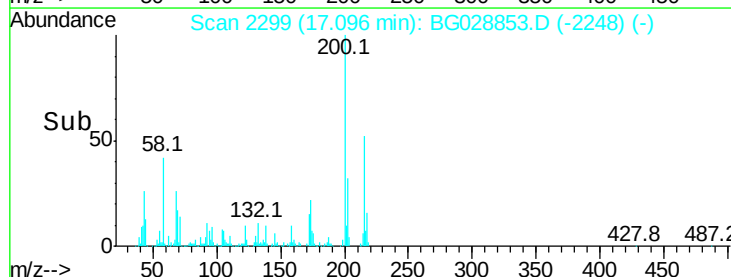
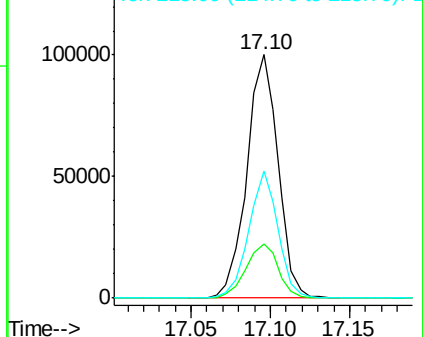
215 52.2 28.4 68.4

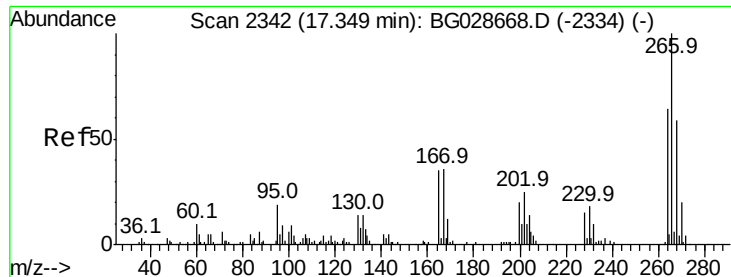


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

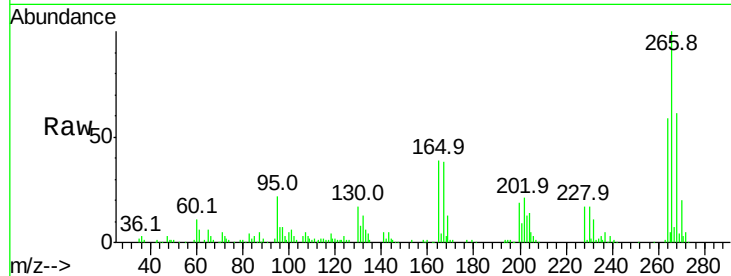




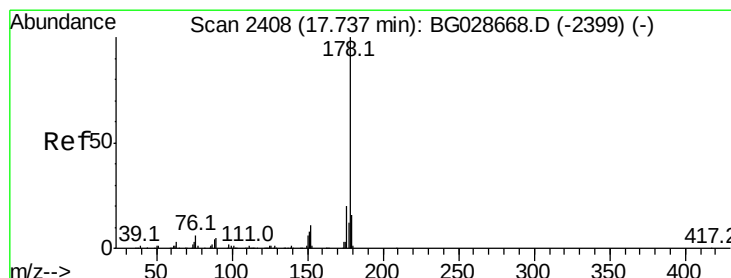
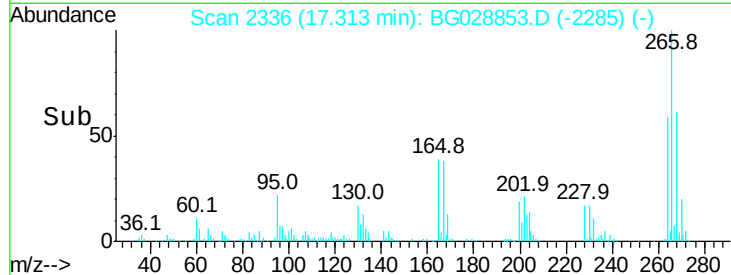
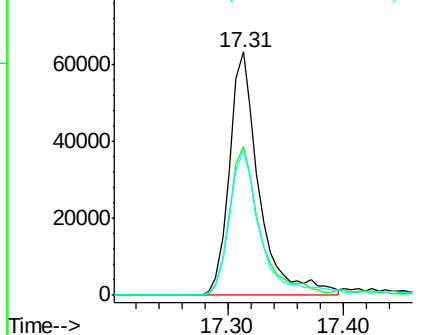
#69
 Pentachlorophenol
 Concen: 61.253 ng
 RT: 17.31 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

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

Tot Ion:266 Resp: 112731
 Ion Ratio Lower Upper
 266 100
 268 61.4 48.6 72.8
 264 59.4 50.1 75.1

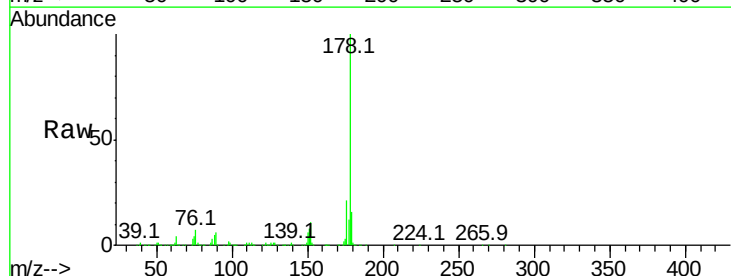


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

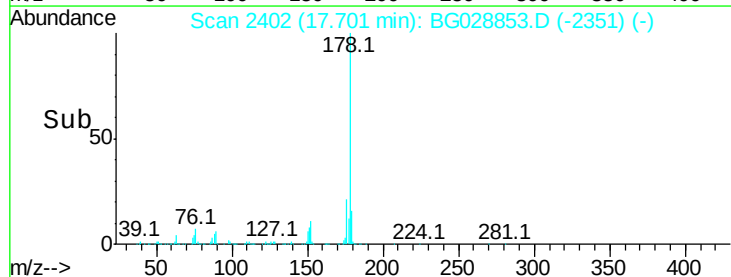
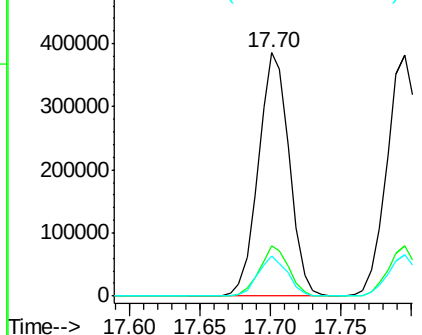


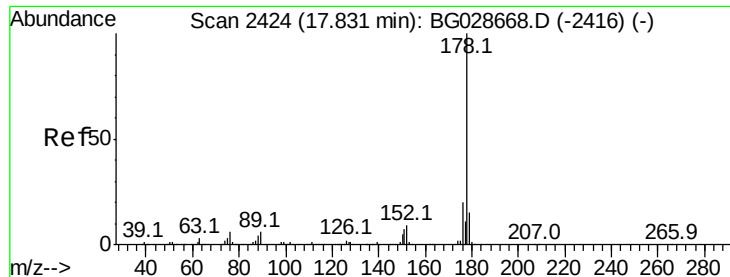
#70
 Phenanthrene
 Concen: 41.711 ng
 RT: 17.70 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion:178 Resp: 593283
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.7 26.5
 179 16.3 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

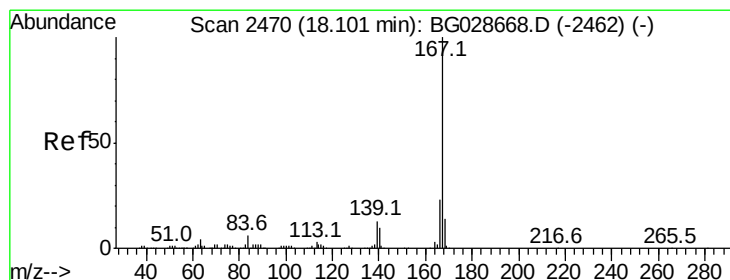
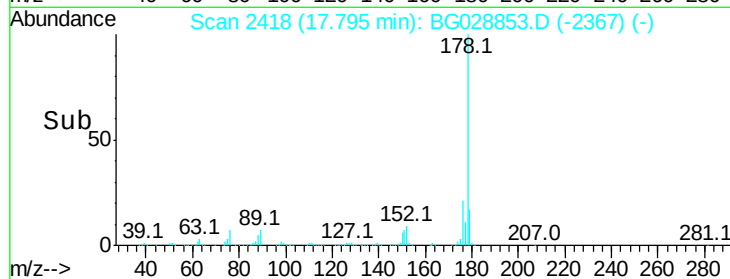
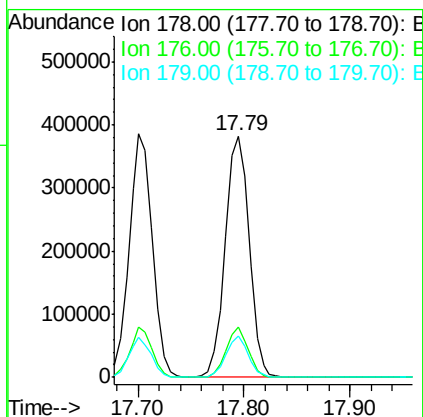
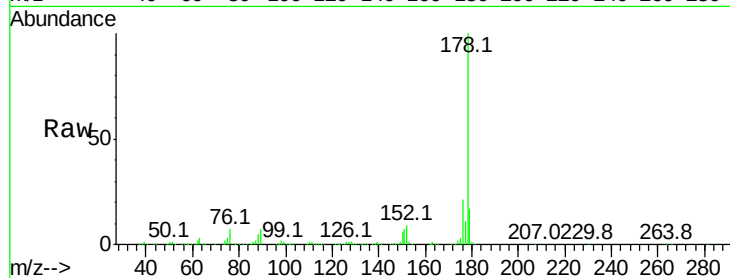




#71
 Anthracene
 Concen: 41.728 ng
 RT: 17.79 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

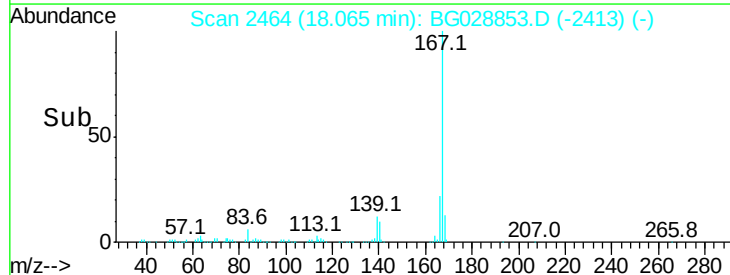
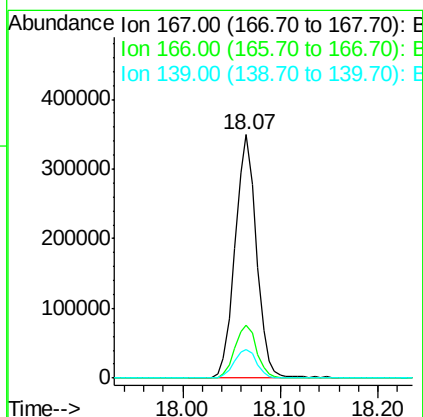
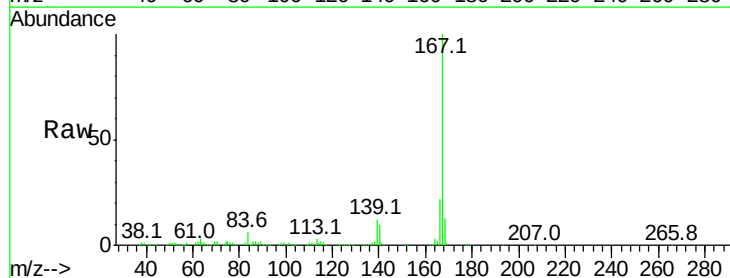
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

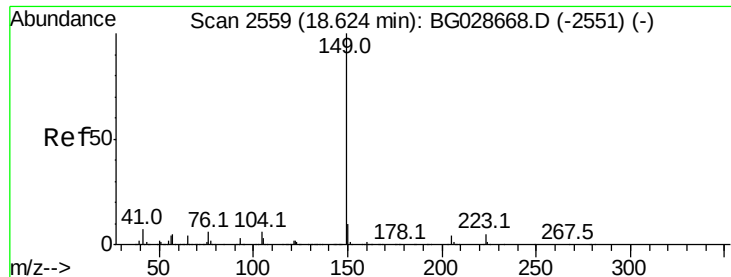
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	16.9	13.8	20.8



#72
 Carbazole
 Concen: 41.172 ng
 RT: 18.07 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	20.2	30.2
139	11.8	12.8	19.2





#73

Di-n-butylphthalate

Concen: 39.618 ng

RT: 18.59 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

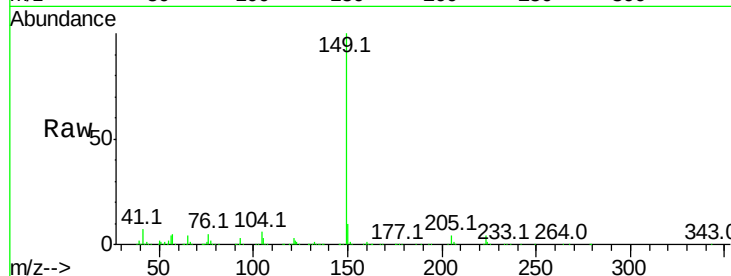
Tot Ion:149 Resp: 628619

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

104 5.9 6.7 10.1#

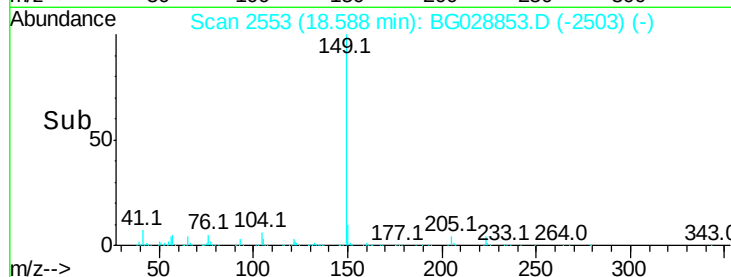


Abundance Ion 149.00 (148.70 to 149.70): E

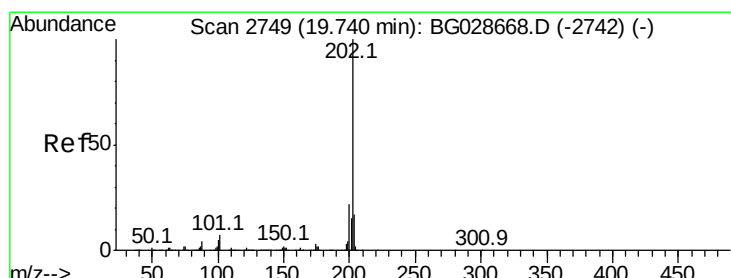
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.50 18.60 18.70



Time--> 18.50 18.60 18.70



#74

Fluoranthene

Concen: 42.330 ng

RT: 19.70 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

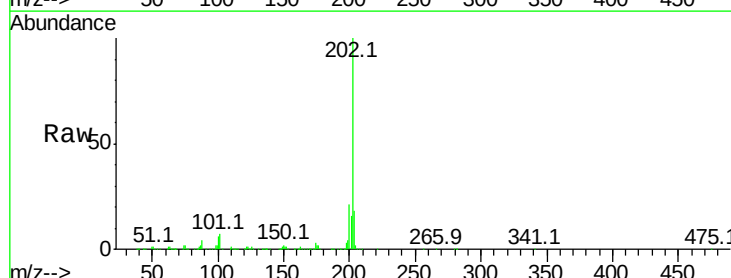
Tgt Ion:202 Resp: 735138

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.1

203 18.4 1.3 41.3

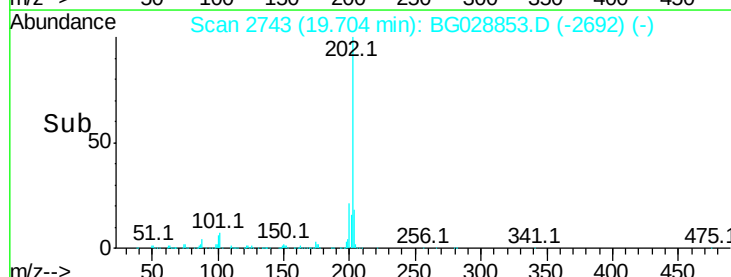


Abundance Ion 202.00 (201.70 to 202.70): E

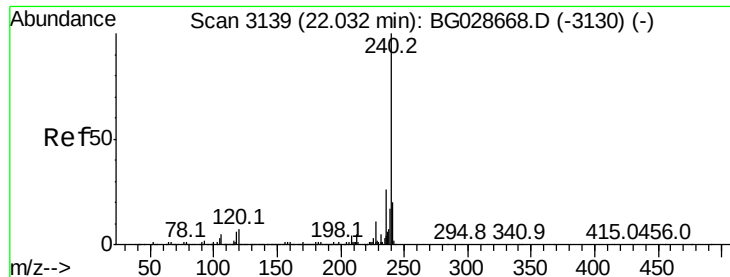
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 19.65 19.70 19.75 19.80



Time--> 19.65 19.70 19.75 19.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

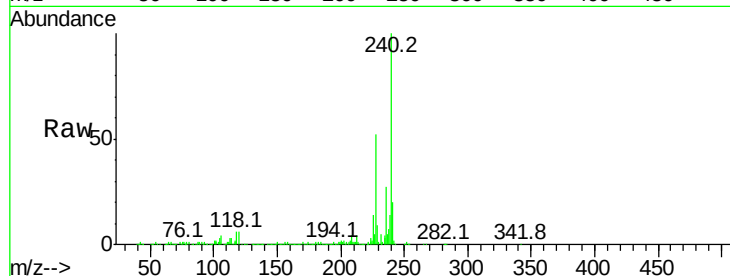
Tot Ion:240 Resp: 321537

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

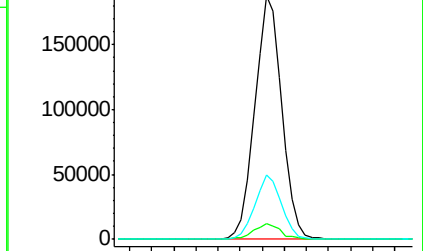
236 26.6 22.2 33.4



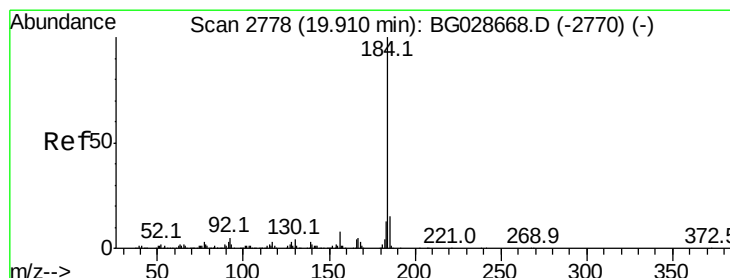
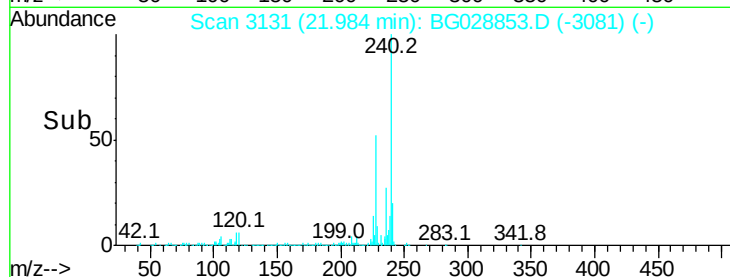
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 13.301 ng

RT: 19.88 min Scan# 2773

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

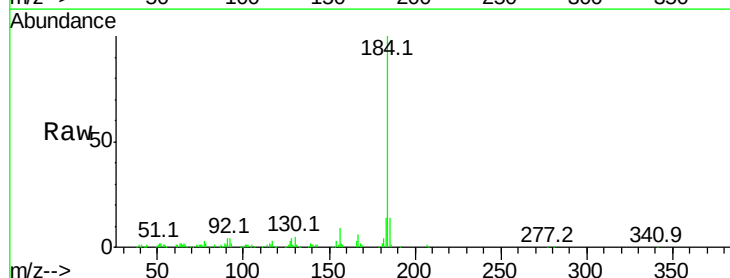
Tgt Ion:184 Resp: 110909

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.6

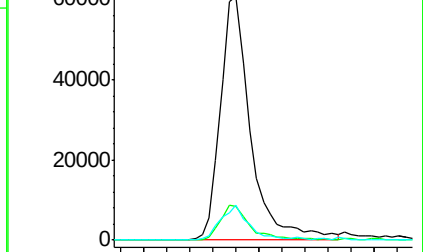
183 14.3 11.0 16.6



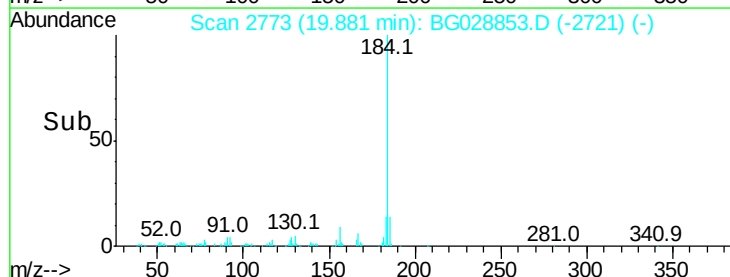
Abundance Ion 184.00 (183.70 to 184.70): E

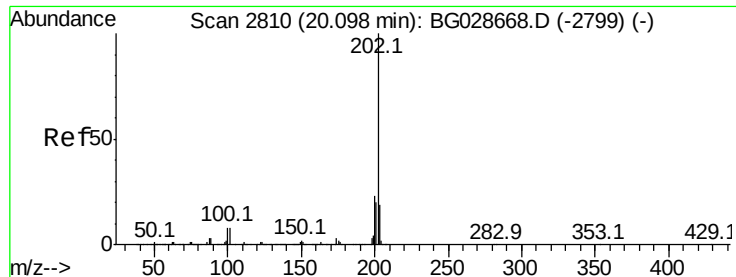
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 41.747 ng

RT: 20.06 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

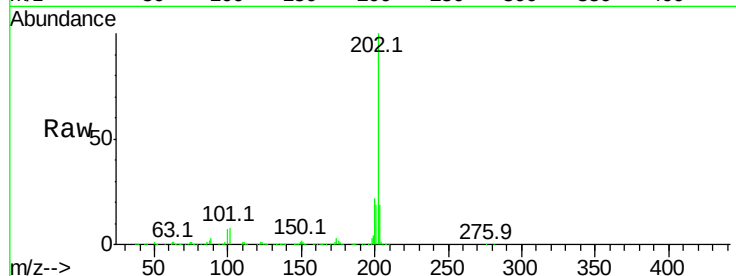
Tot Ion:202 Resp: 774251

Ion Ratio Lower Upper

202 100

200 22.0 19.6 29.4

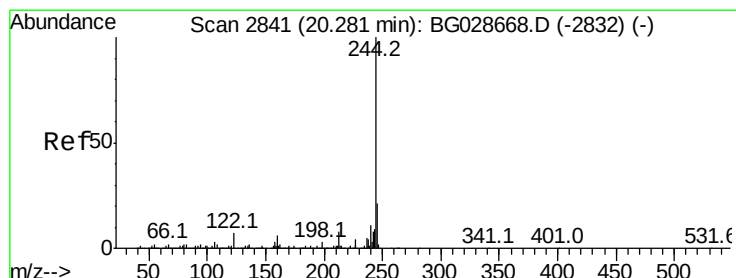
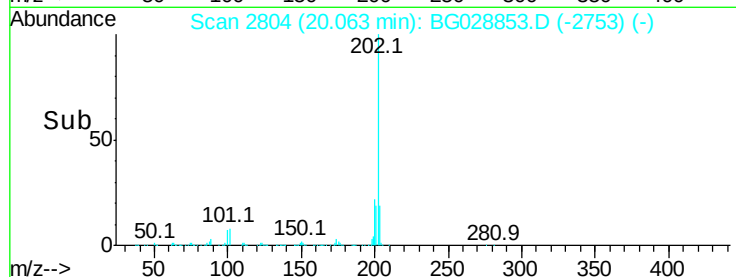
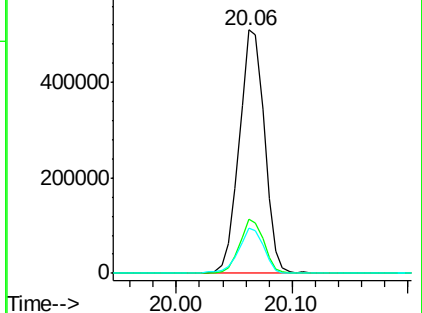
203 18.7 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.420 ng

RT: 20.24 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

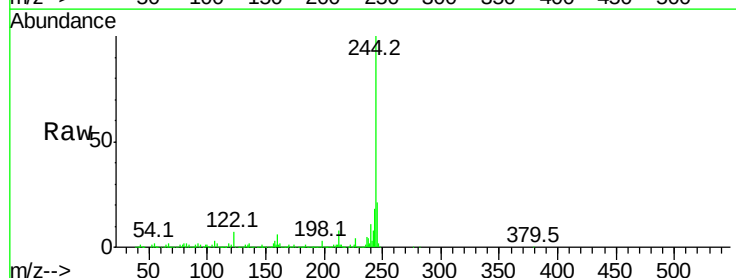
Tgt Ion:244 Resp: 1212531

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

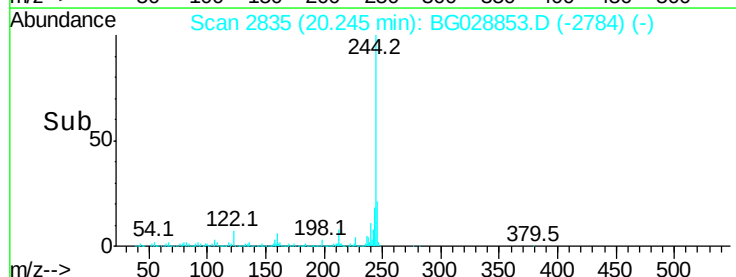
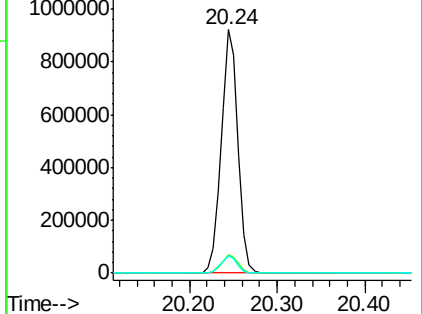
122 7.3 8.6 12.8#

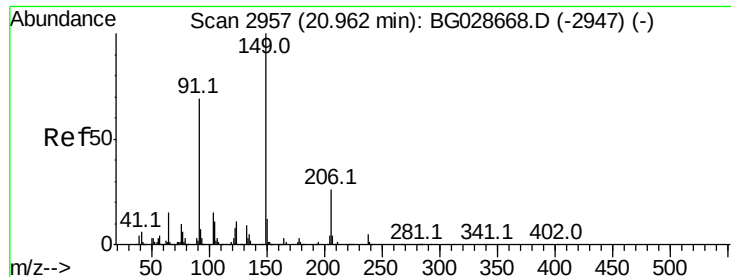


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

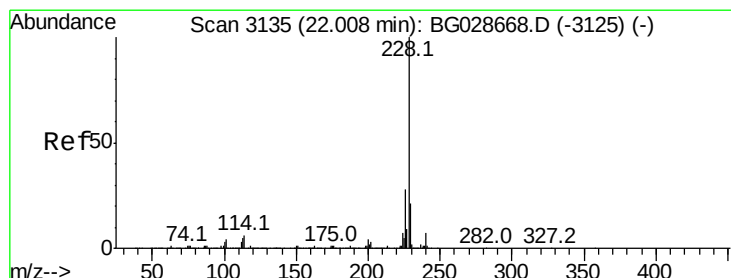
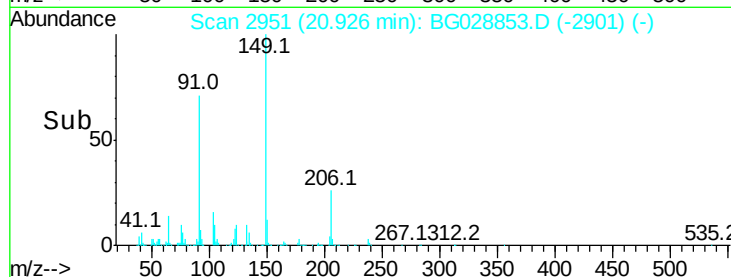
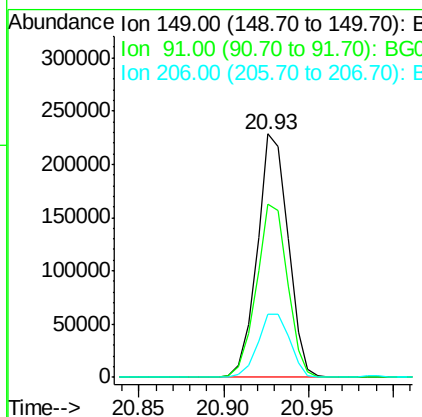
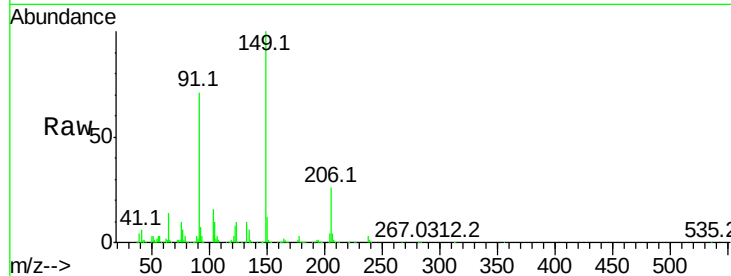




#79
Butylbenzylphthalate
Concen: 38.700 ng
RT: 20.93 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

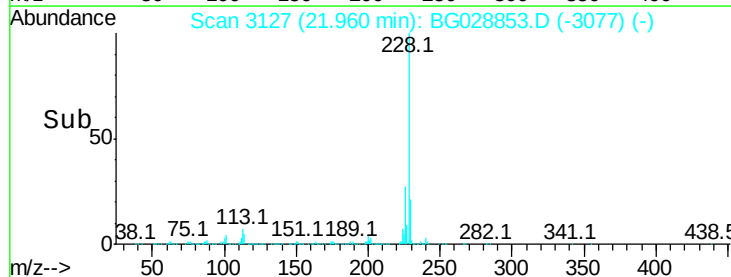
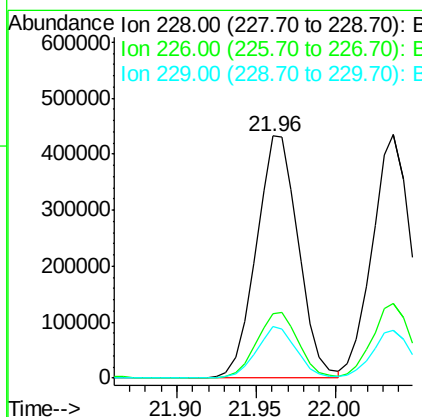
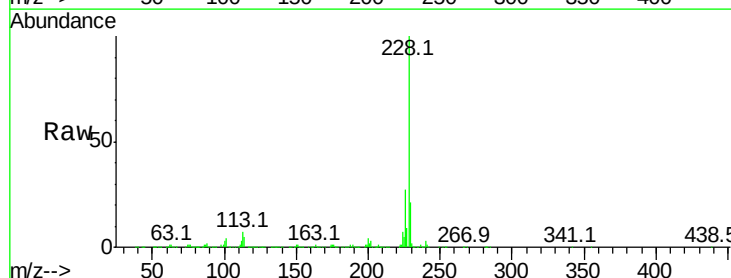
Instrument :
BNA_G
ClientSampleId :
72-12000-R4-COMPMSD

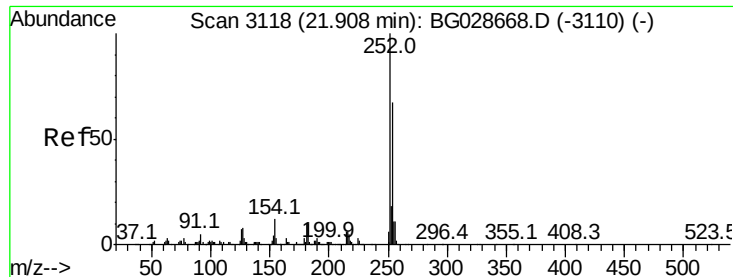
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	63.5	95.3
206	26.0	21.0	31.6



#80
Benzo(a)anthracene
Concen: 41.189 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG028853.D
Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.9	37.3
229	21.3	18.2	27.2

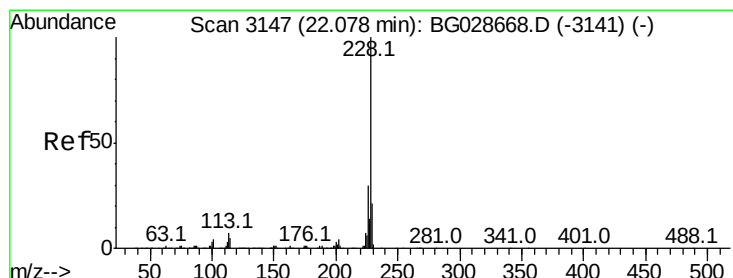
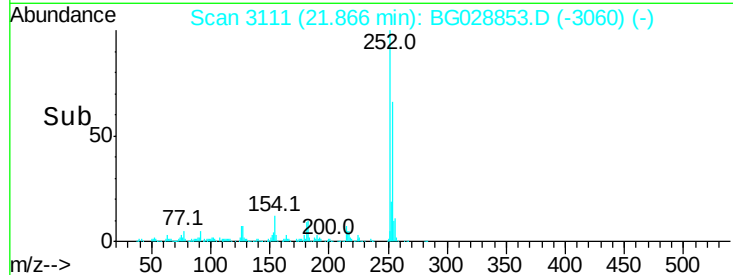
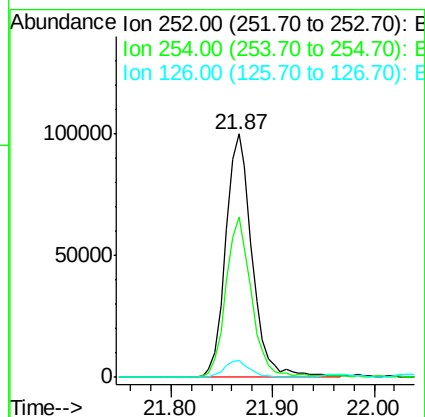
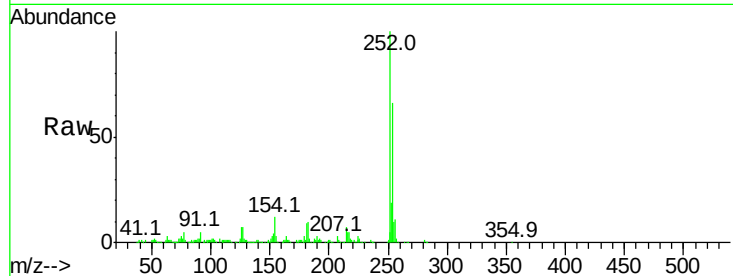




#81
 3,3'-Dichlorobenzidine
 Concen: 22.998 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

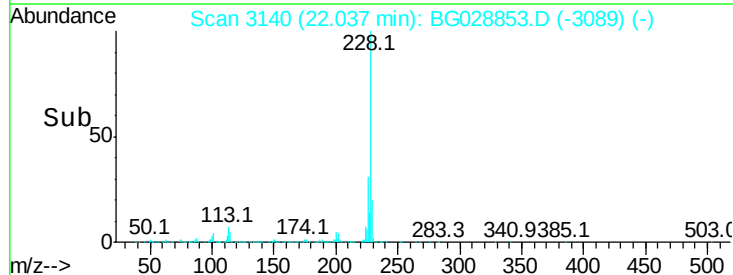
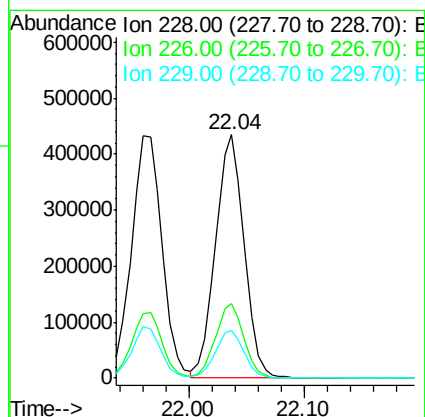
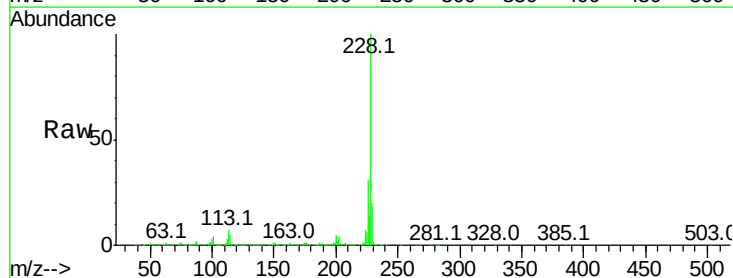
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

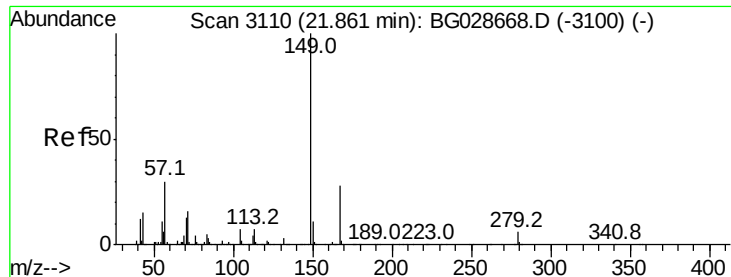
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.1	79.7
126	6.9	7.0	10.4



#82
 Chrysene
 Concen: 40.443 ng
 RT: 22.04 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	27.0	40.4
229	19.8	17.8	26.6

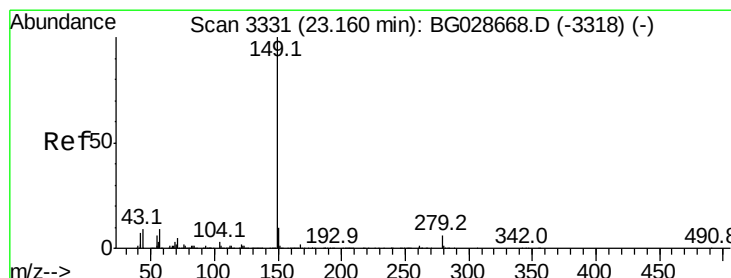
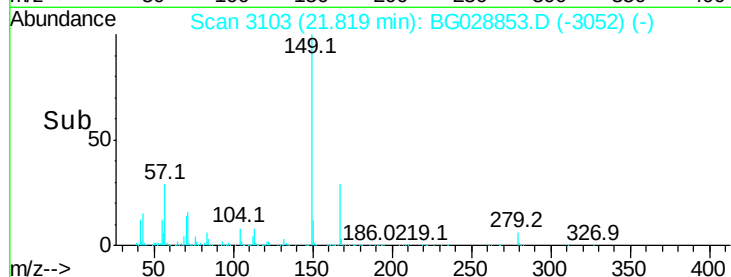
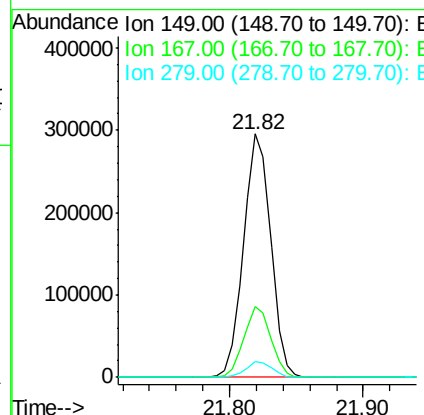
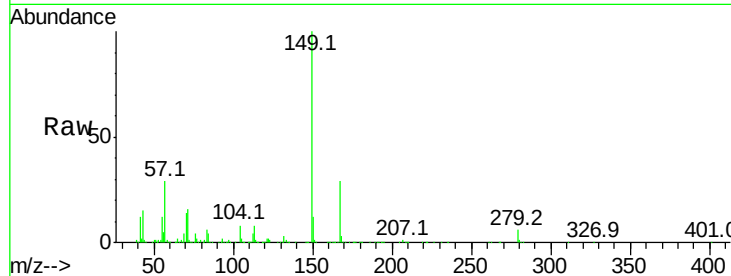




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.984 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

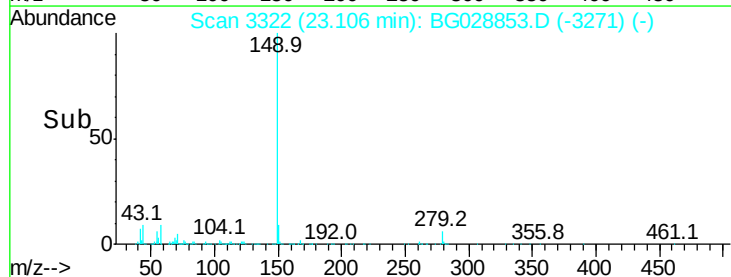
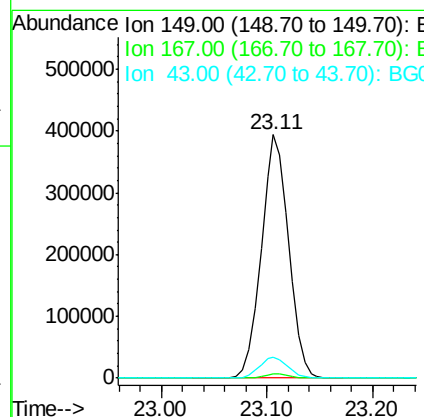
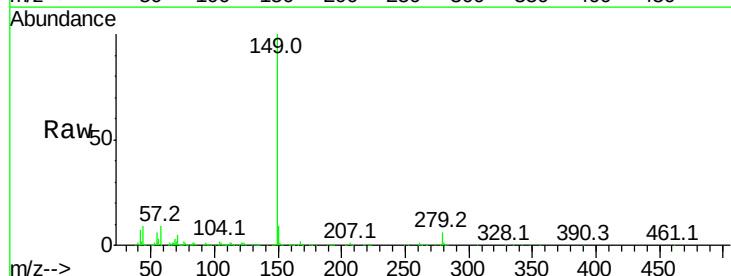
Instrument :
 BNA_G
 ClientSampleId :
 72-12000-R4-COMPMSD

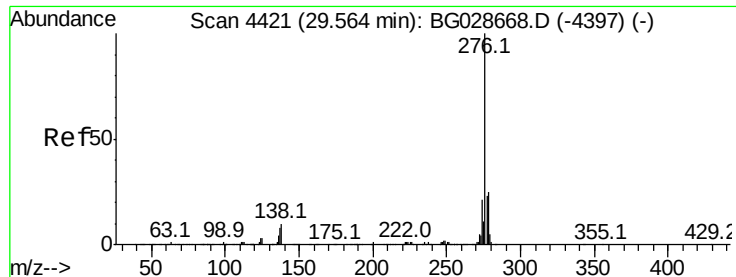
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	6.4	4.6	6.8



#84
 Di-n-octyl phthalate
 Concen: 37.962 ng
 RT: 23.11 min Scan# 3322
 Delta R.T. 0.00 min
 Lab File: BG028853.D
 Acq: 21 Sep 2017 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	8.9	11.8	17.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.672 ng

RT: 29.43 min Scan# 4399

Delta R.T. -0.02 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

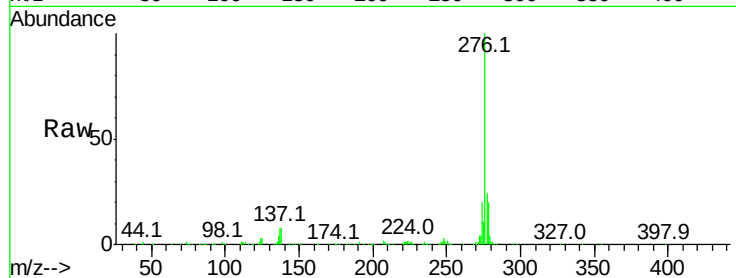
Tot Ion:276 Resp: 888876

Ion Ratio Lower Upper

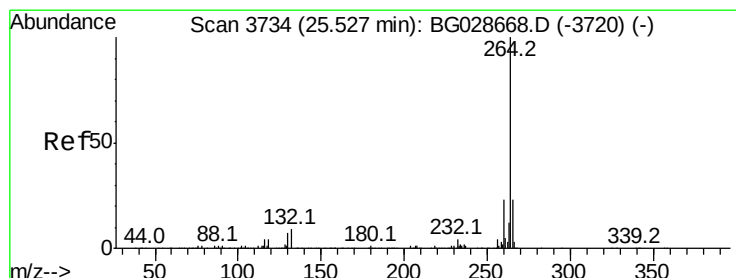
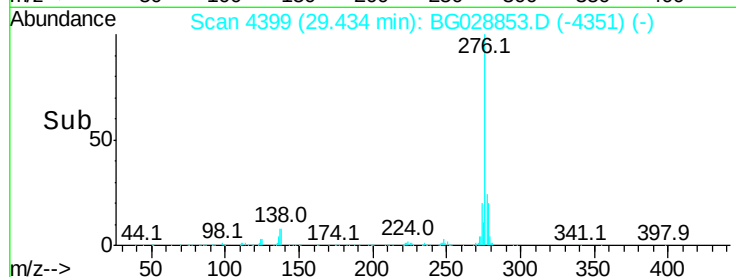
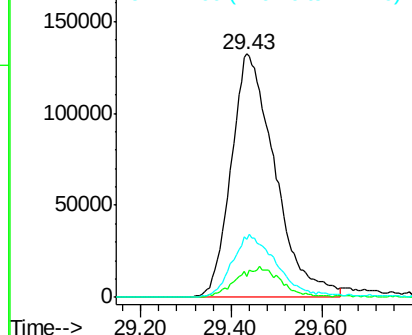
276 100

138 4.0 4.7 7.1#

277 25.4 20.6 31.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

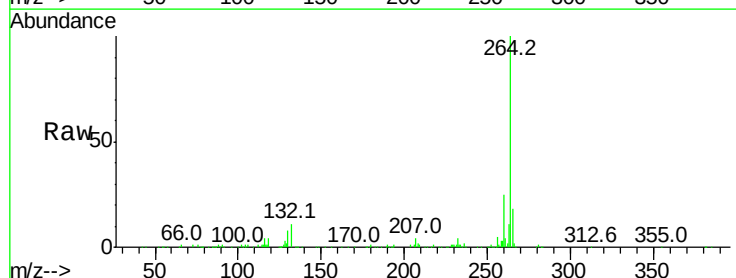
Tgt Ion:264 Resp: 331654

Ion Ratio Lower Upper

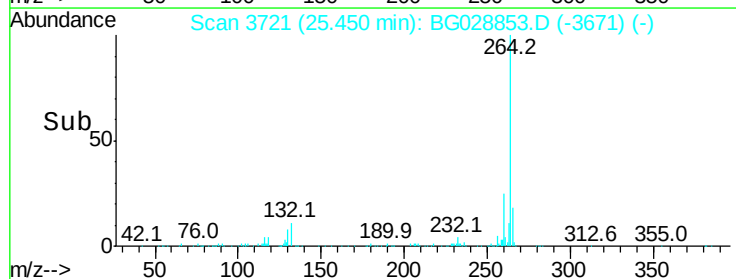
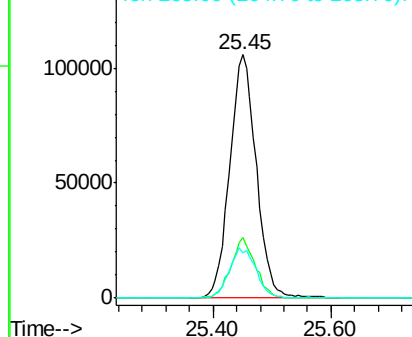
264 100

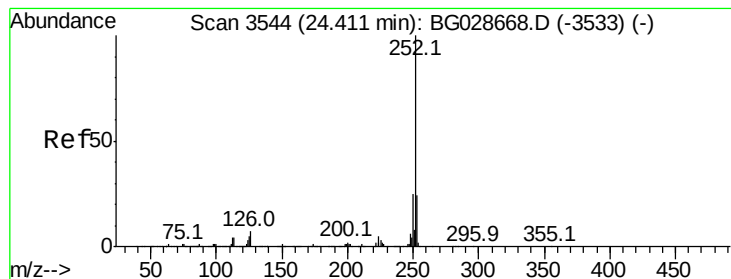
260 24.7 21.8 32.8

265 18.4 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.871 ng

RT: 24.35 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

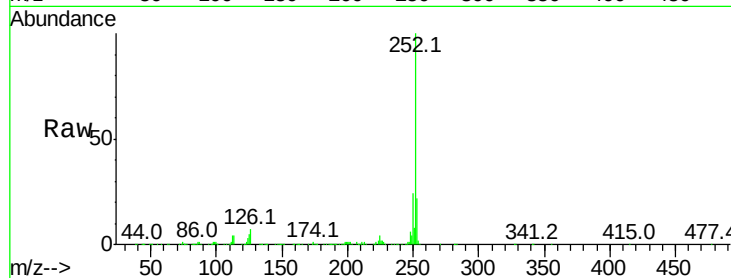
Tot Ion:252 Resp: 812122

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

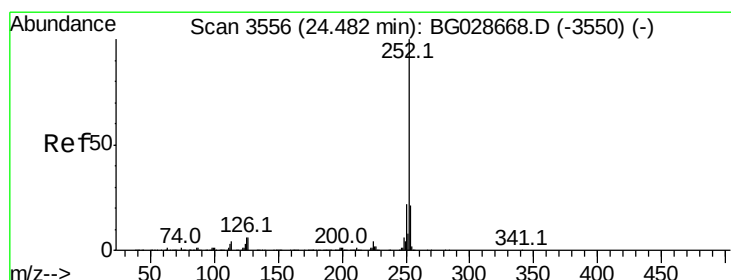
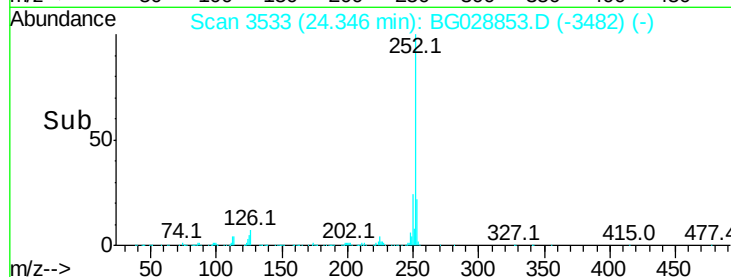
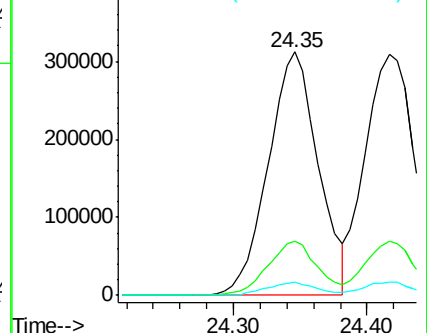
125 5.3 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.112 ng

RT: 24.42 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

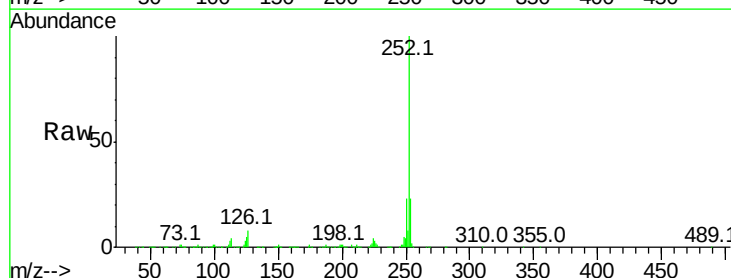
Tgt Ion:252 Resp: 796143

Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

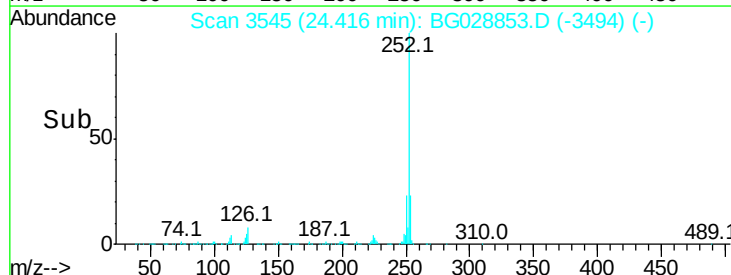
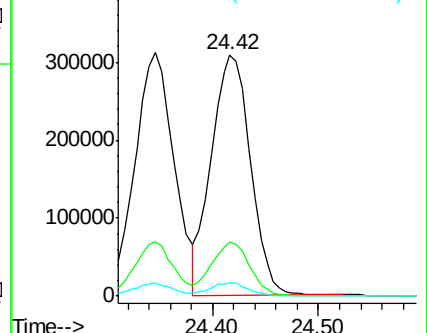
125 5.4 5.1 7.7

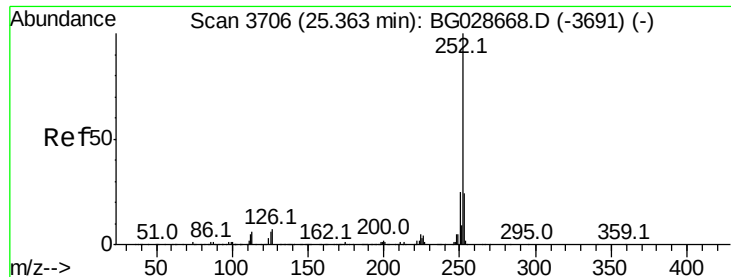


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.384 ng

RT: 25.29 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

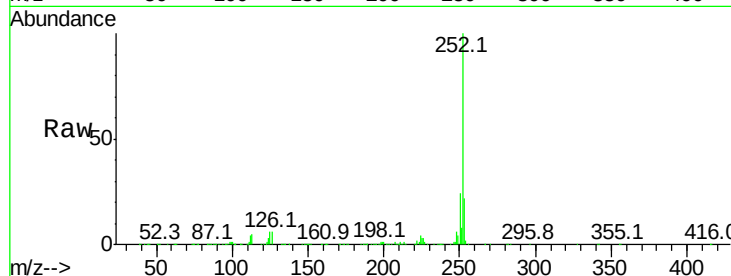
Tot Ion:252 Resp: 780531

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

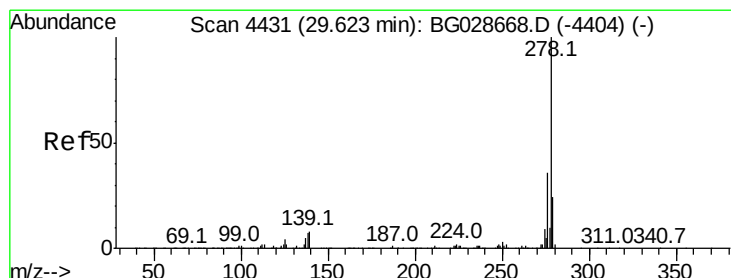
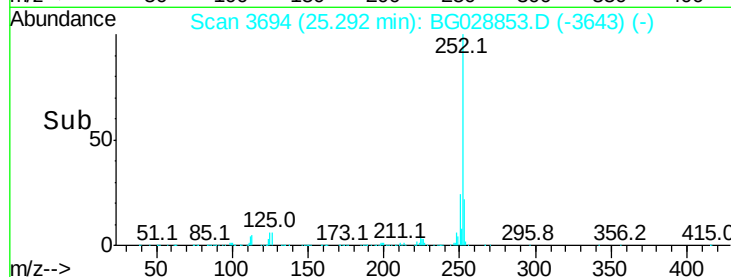
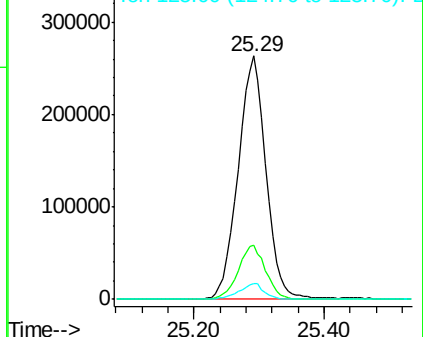
125 6.3 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.619 ng

RT: 29.49 min Scan# 4409

Delta R.T. -0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

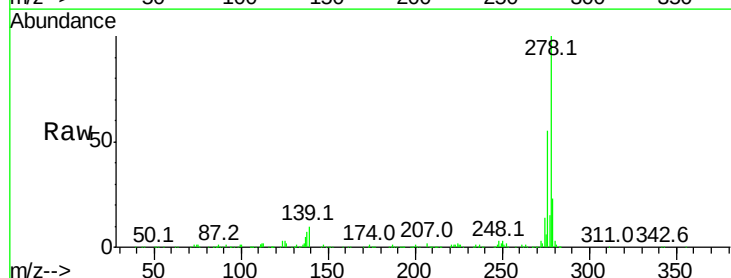
Tgt Ion:278 Resp: 739707

Ion Ratio Lower Upper

278 100

139 9.6 7.7 11.5

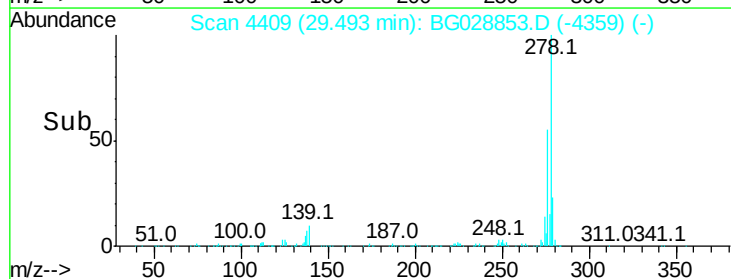
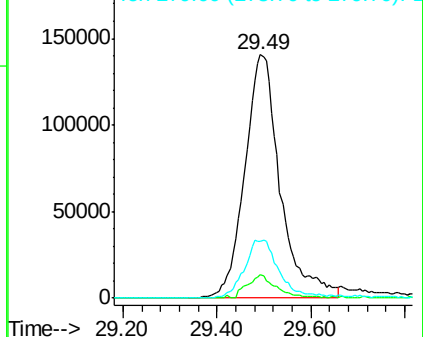
279 23.5 19.1 28.7

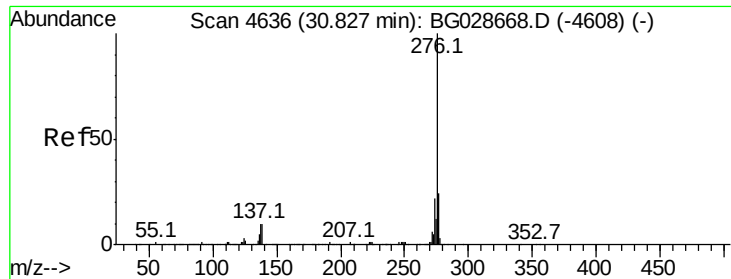


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.389 ng

RT: 30.69 min Scan# 4613

Delta R.T. 0.01 min

Lab File: BG028853.D

Acq: 21 Sep 2017 11:44

Instrument :

BNA_G

ClientSampleId :

72-12000-R4-COMPMSD

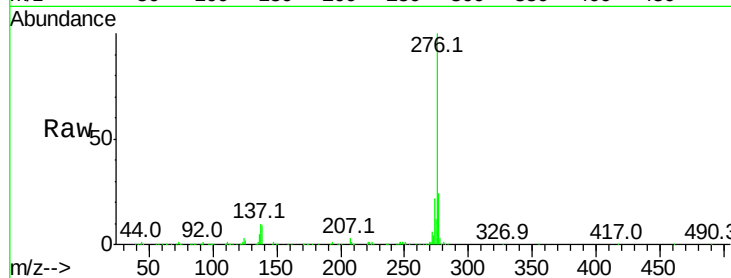
Tot Ion:276 Resp: 698172

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 9.4 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

