

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025970.D
 Acq On : 27 Feb 2017 19:11
 Operator : SJ/MA
 Sample : PB97196BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Manual Integrations
 APPROVED

mohammad
 3/1/2017 12:37:40 PM

Quant Time: Feb 28 02:24:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	80042	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	392629	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	281868	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	730513	20.00	ng	0.00
75) Chrysene-d12	21.66	240	740396	20.00	ng	-0.02
86) Perylene-d12	24.85	264	735212	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	739987	160.96	ng	0.00
7) Phenol-d6	7.23	99	1052787	154.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	562041	90.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	489263	187.88	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1597953	99.06	ng	-0.01
78) Terphenyl-d14	20.01	244	2370934	77.88	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	70548	33.58	ng	# 86
3) Pyridine	3.93	79	206172	32.93	ng	# 76
4) n-Nitrosodimethylamine	3.84	42	87122	38.69	ng	# 34
6) Aniline	7.40	93	206980	21.88	ng	# 92
8) 2-Chlorophenol	7.65	128	268615	49.16	ng	# 86
9) Benzaldehyde	7.21	77	93498	23.19	ng	# 77
10) Phenol	7.26	94	367434	49.70	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	232584	38.27	ng	# 89
12) 1,3-Dichlorobenzene	7.97	146	255399	40.44	ng	# 89
13) 1,4-Dichlorobenzene	8.12	146	258701	40.43	ng	# 92
14) 1,2-Dichlorobenzene	8.43	146	253031	40.28	ng	# 89
15) Benzyl Alcohol	8.31	79	243360	48.85	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311270	35.30	ng	# 90
17) 2-Methylphenol	8.51	107	253066	47.52	ng	# 83
18) Hexachloroethane	9.17	117	84837	40.01	ng	# 89
19) n-Nitroso-di-n-propylamine	8.87	70	203277	40.91	ng	# 79
20) 3+4-Methylphenols	8.84	107	364019	47.97	ng	# 88
22) Acetophenone	8.89	105	393634	41.78	ng	# 80
24) Nitrobenzene	9.27	77	285273	42.40	ng	# 80
25) Isophorone	9.80	82	583216	42.60	ng	# 91
26) 2-Nitrophenol	9.98	139	153406	48.76	ng	# 68
27) 2,4-Dimethylphenol	10.04	122	303282	51.65	ng	# 87
28) bis(2-Chloroethoxy)methane	10.28	93	362426	41.77	ng	# 96
29) 2,4-Dichlorophenol	10.52	162	296829	52.96	ng	# 96
30) 1,2,4-Trichlorobenzene	10.74	180	258181	42.36	ng	# 99
31) Naphthalene	10.93	128	834914	41.13	ng	# 99
32) Benzoic acid	10.16	122	248314	55.39	ng	# 76
33) 4-Chloroaniline	11.02	127	111746	12.67	ng	# 83
34) Hexachlorobutadiene	11.22	225	141303	40.74	ng	# 98
35) Caprolactam	11.79	113	135890m	60.04	ng	# 91
36) 4-Chloro-3-methylphenol	12.14	107	361000	53.84	ng	# 82
37) 2-Methylnaphthalene	12.52	142	688539	44.53	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	308367	43.65	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	346153	89.54	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	257750	56.49	nq	96
43) 2,4,5-Trichlorophenol	13.19	196	283865	54.80	nq	92
45) 1,1'-Biphenyl	13.52	154	948785	46.45	nq	98
46) 2-Chloronaphthalene	13.56	162	698059	47.27	nq	98
47) 2-Nitroaniline	13.76	65	258008	55.09	nq	# 70
48) Acenaphthylene	14.40	152	1246196	47.40	nq	99
49) Dimethylphthalate	14.13	163	999482	51.69	nq	98
50) 2,6-Dinitrotoluene	14.25	165	235903	54.31	nq	# 66
51) Acenaphthene	14.74	154	816876	47.04	nq	98
52) 3-Nitroaniline	14.57	138	114793	23.63	nq	# 71
53) 2,4-Dinitrophenol	14.78	184	272787	120.01	nq	# 87
54) Dibenzofuran	15.08	168	1210950	52.31	nq	91
55) 4-Nitrophenol	14.88	139	461853	116.80	nq	# 49
56) 2,4-Dinitrotoluene	15.03	165	343468	58.77	nq	# 78
57) Fluorene	15.72	166	1024907	49.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	285078	62.39	nq	99
59) Diethylphthalate	15.49	149	1066543	53.32	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	478055	49.87	nq	93
61) 4-Nitroaniline	15.73	138	275268	54.65	nq	# 56
62) Azobenzene	16.00	77	966715	56.23	nq	87
64) 4,6-Dinitro-2-methylphenol	15.79	198	198072	46.33	nq	91
65) n-Nitrosodiphenylamine	15.92	169	950759	42.92	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	327030	42.71	nq	96
67) Hexachlorobenzene	16.72	284	337638	42.79	nq	98
68) Atrazine	16.86	200	357157	45.55	nq	96
69) Pentachlorophenol	17.06	266	444249	91.26	nq	98
70) Phenanthrene	17.45	178	1686418	42.53	nq	97
71) Anthracene	17.55	178	1764585	43.65	nq	100
72) Carbazole	17.80	167	1651660	40.67	nq	96
73) Di-n-butylphthalate	18.36	149	1905830	47.80	nq	# 94
74) Fluoranthene	19.45	202	1905004	43.63	nq	95
76) Benzidine	19.62	184	430492	18.42	nq	97
77) Pyrene	19.81	202	1917914	40.96	nq	99
79) Butylbenzylphthalate	20.69	149	851114	47.89	nq	86
80) Benzo(a)anthracene	21.63	228	1815828	42.01	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	364904	23.68	nq	# 97
82) Chrysene	21.71	228	1675031	40.30	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1195690	46.60	nq	# 99
84) Di-n-octyl phthalate	22.75	149	2087182	49.26	nq	# 85
85) Indeno(1,2,3-cd)pyrene	28.50	276	2189614	44.72	nq	# 87
87) Benzo(b)fluoranthene	23.84	252	1910927	43.40	nq	# 95
88) Benzo(k)fluoranthene	23.91	252	1790610	41.68	nq	# 93
89) Benzo(a)pyrene	24.71	252	1814273	43.51	nq	# 93
90) Dibenzo(a,h)anthracene	28.57	278	1801497	43.01	nq	# 94
91) Benzo(g,h,i)perylene	29.65	276	1825183	43.46	nq	# 88

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

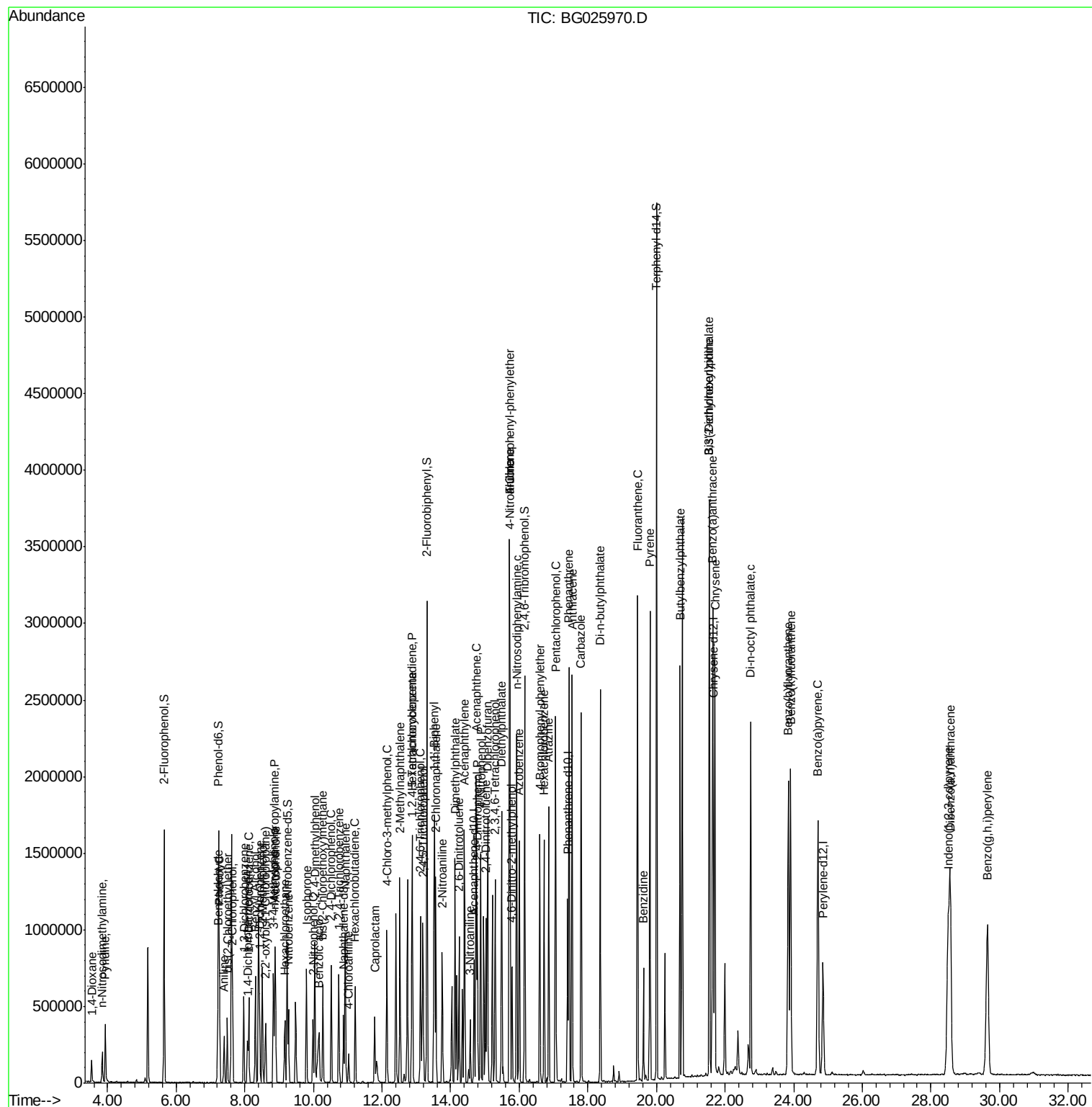
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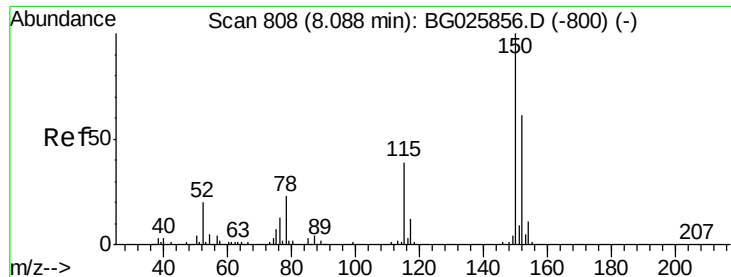
Instrument :
BNA_G
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

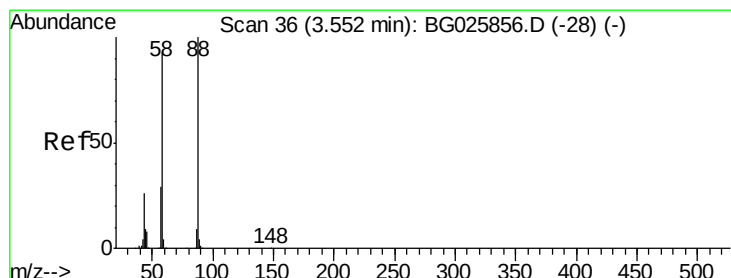
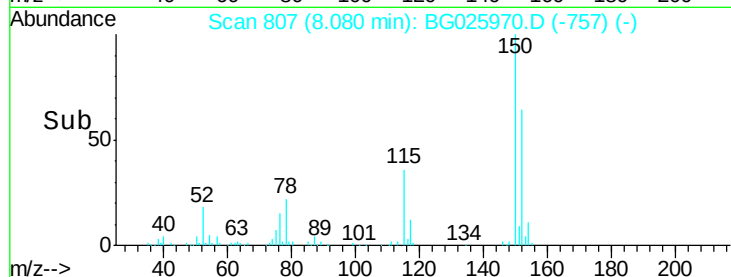
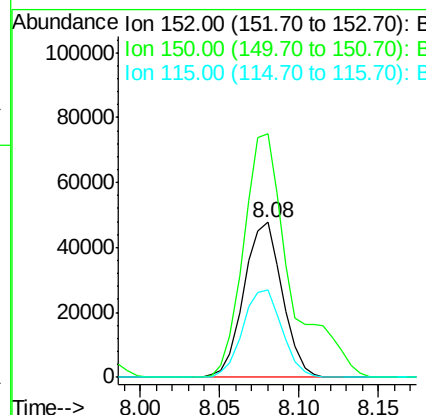
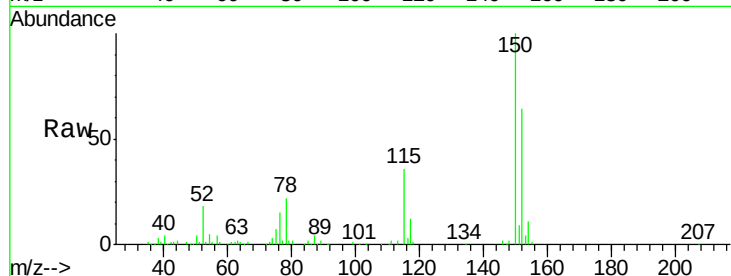
ClientSampled :

PB97196BS

Tot Ion:	152	Resp:	80042
Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	56.1	48.1	72.1

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#2

1,4-Dioxane

Concen: 33.58 ng

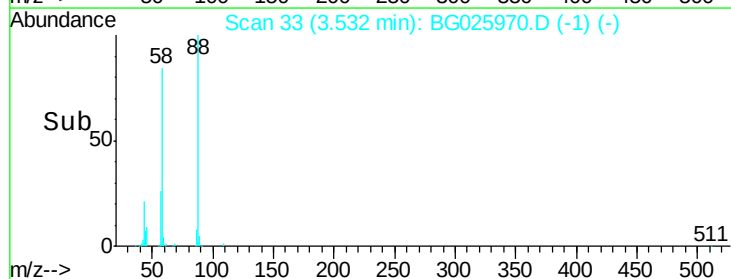
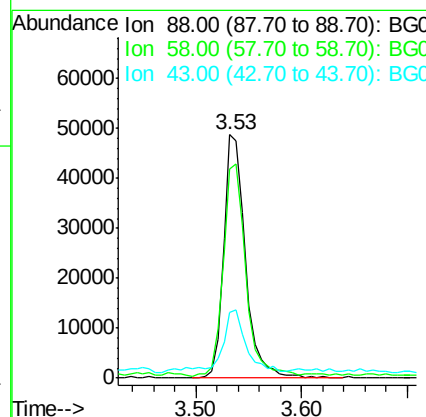
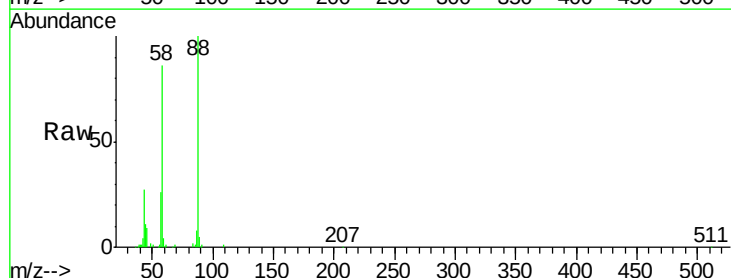
RT: 3.53 min Scan# 33

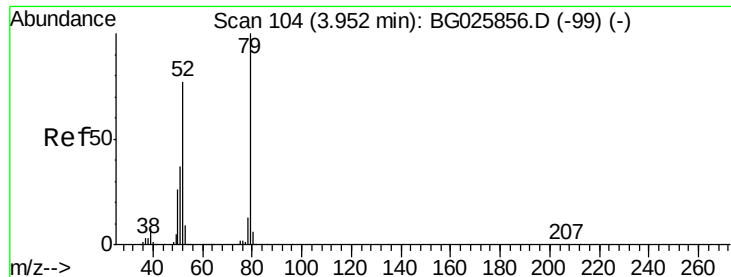
Delta R.T. -0.02 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	88	Resp:	70548
Ion	Ratio	Lower	Upper
88	100		
58	89.8	79.4	119.2
43	27.6	33.8	50.6#





#3

Pvridine

Concen: 32.93 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

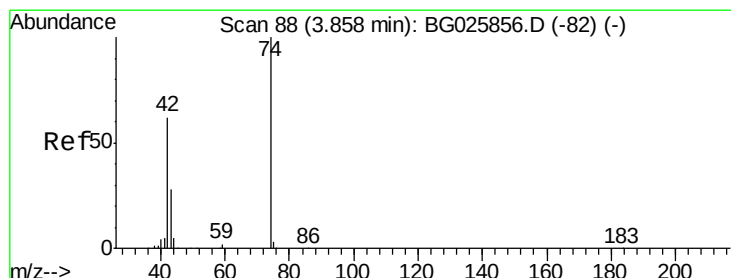
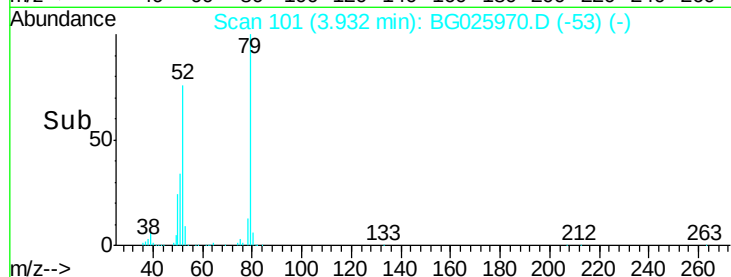
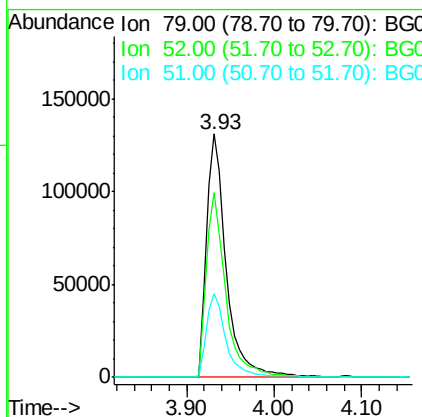
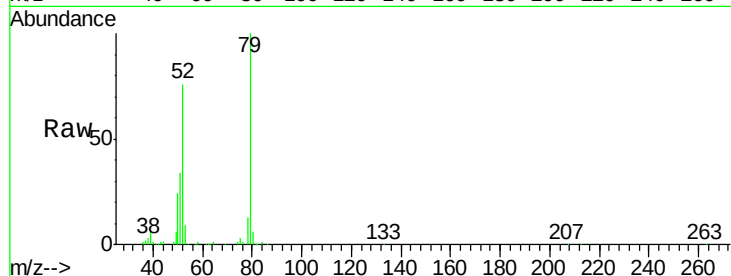
ClientSampleId :

PB97196BS

Tot Ion:	79	Resp:	206172
Ion Ratio	Lower	Upper	
79	100		
52	75.9	77.8	116.6#
51	34.2	43.2	64.8#

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#4

n-Nitrosodimethylamine

Concen: 38.69 ng

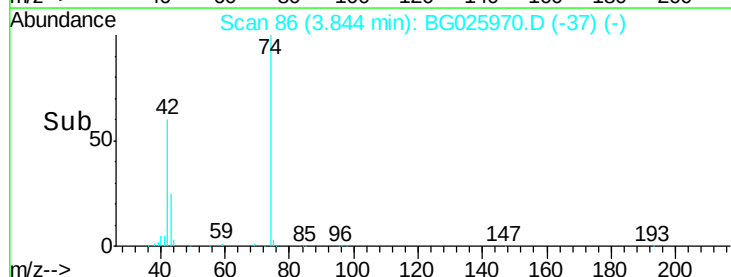
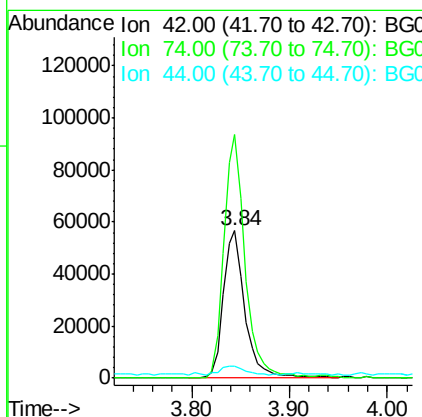
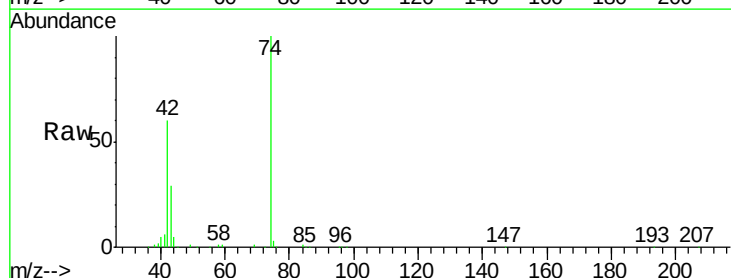
RT: 3.84 min Scan# 86

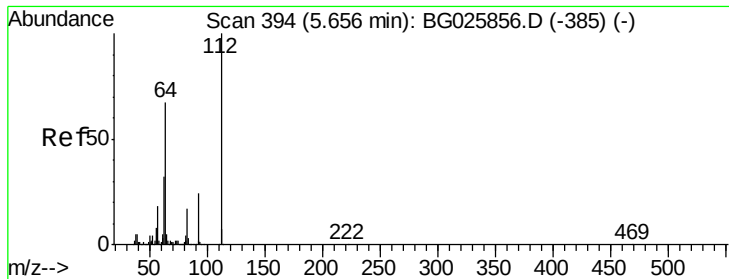
Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	42	Resp:	87122
Ion Ratio	Lower	Upper	
42	100		
74	165.4	76.7	115.1#
44	8.5	6.1	9.1





#5

2-Fluorophenol

Concen: 160.96 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

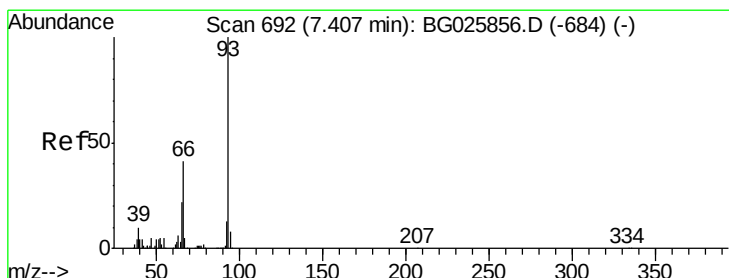
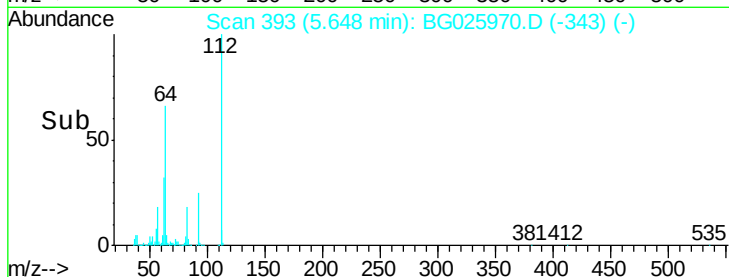
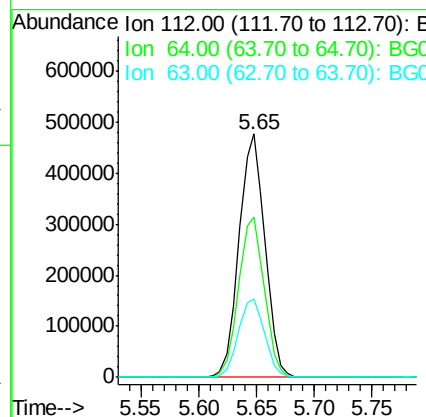
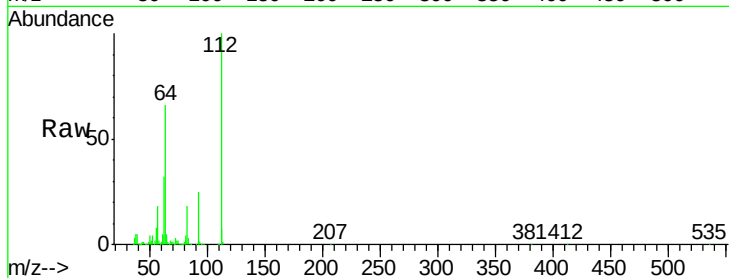
ClientSampleId :

PB97196BS

Tot Ion:	112	Resp:	739987
Ion Ratio	Lower	Upper	
112	100		
64	65.7	61.8	92.6
63	32.2	37.2	55.8#

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#6

Aniline

Concen: 21.88 ng

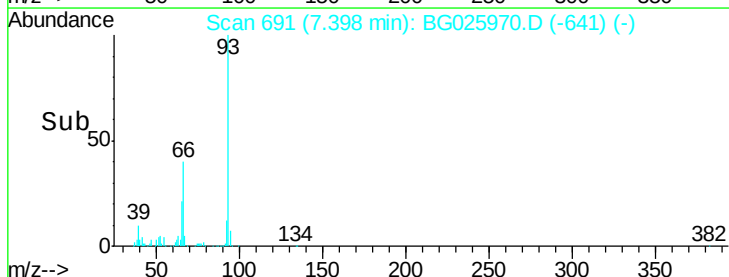
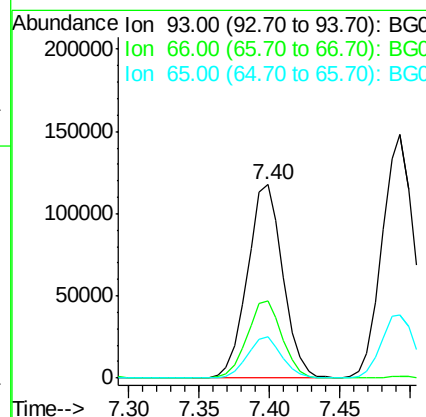
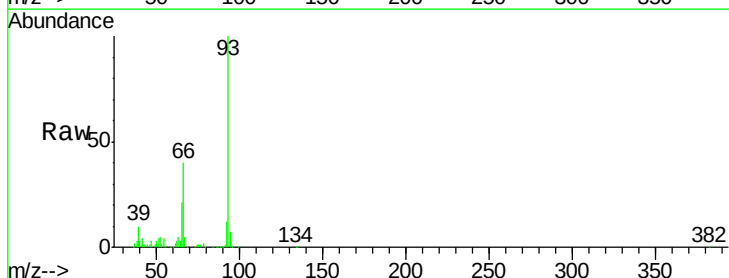
RT: 7.40 min Scan# 691

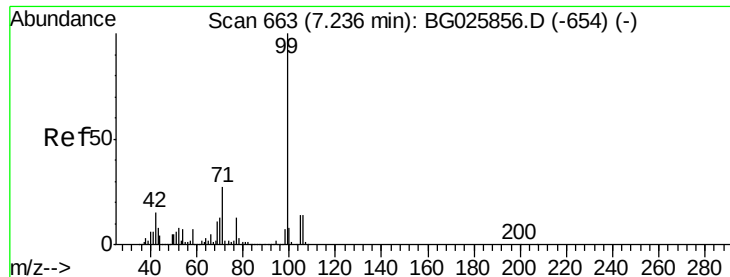
Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	93	Resp:	206980
Ion Ratio	Lower	Upper	
93	100		
66	40.0	35.4	53.2
65	21.1	21.2	31.8#





#7

Phenol-d6

Concen: 154.75 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tot Ion: 99 Resp: 1052787

Ion Ratio Lower Upper

99 100

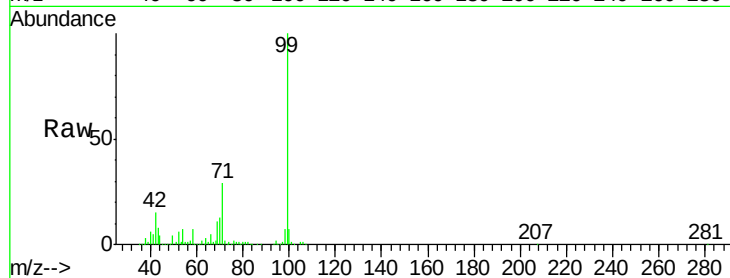
42 14.8 20.5 30.7#

71 29.0 37.6 56.4#

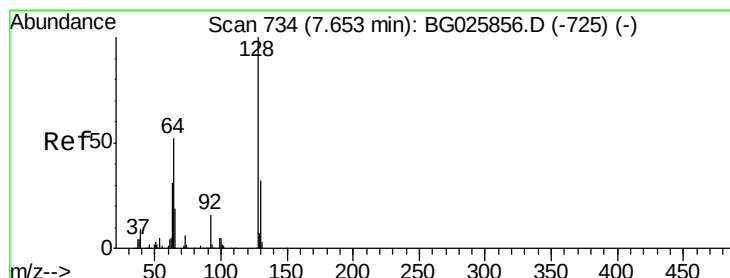
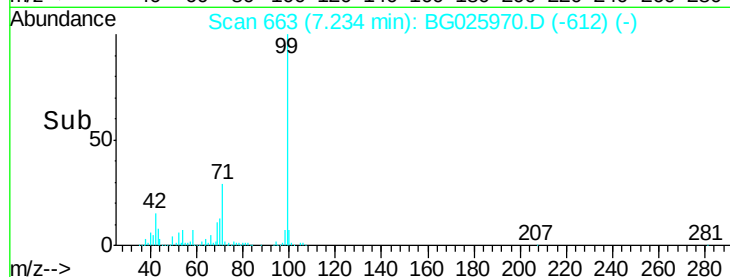
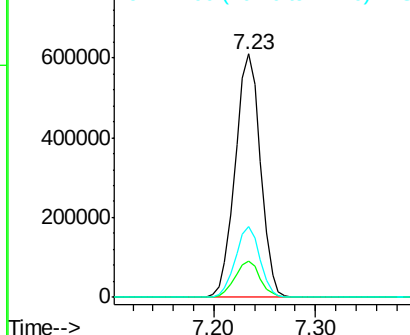
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.16 ng

RT: 7.65 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

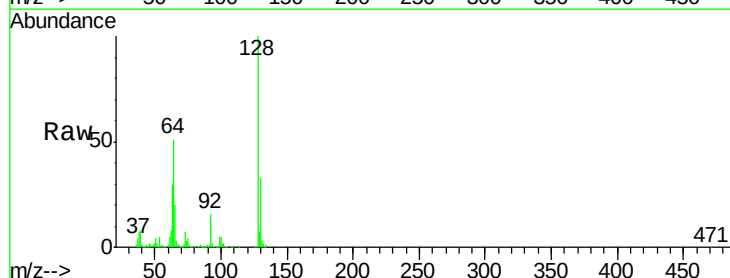
Tgt Ion: 128 Resp: 268615

Ion Ratio Lower Upper

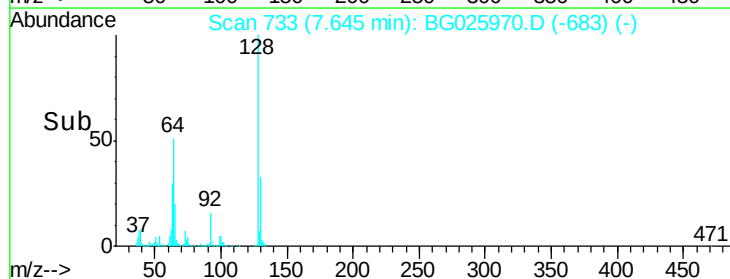
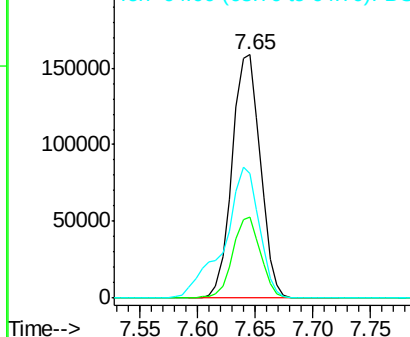
128 100

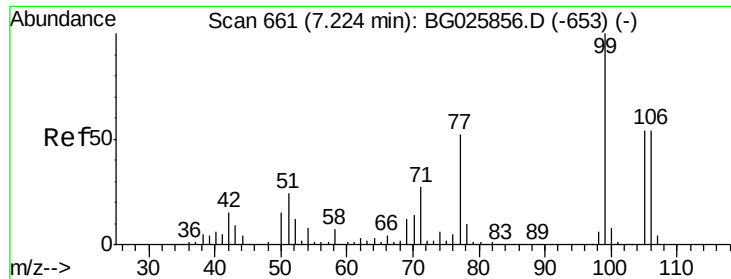
130 33.4 11.4 51.4

64 51.1 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: 23.19 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleID :

PB97196BS

Tot Ion: 77 Resp: 93498

Ion Ratio Lower Upper

77 100

105 101.7 60.9 100.9#

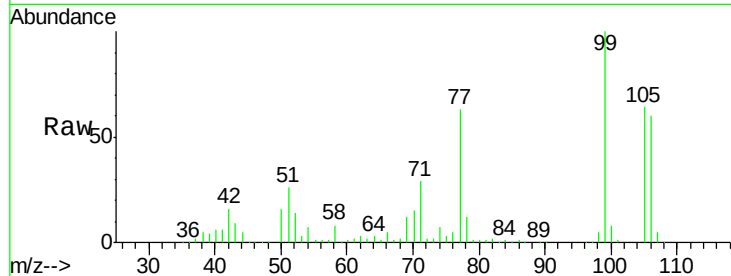
106 94.4 55.1 95.1

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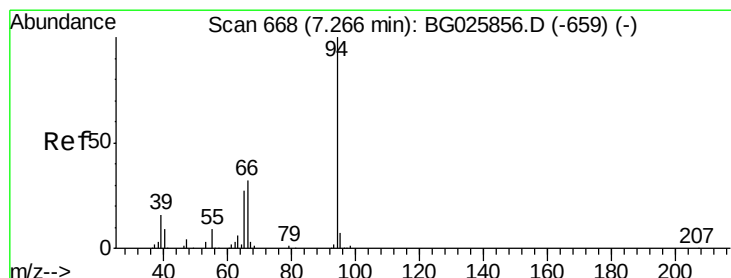
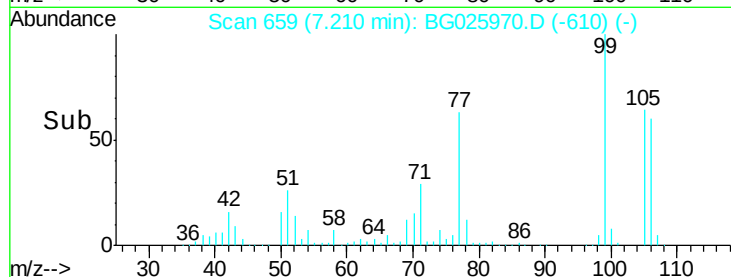
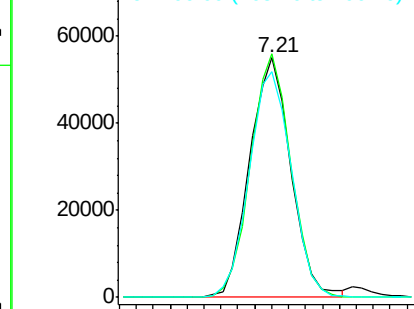
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.70 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

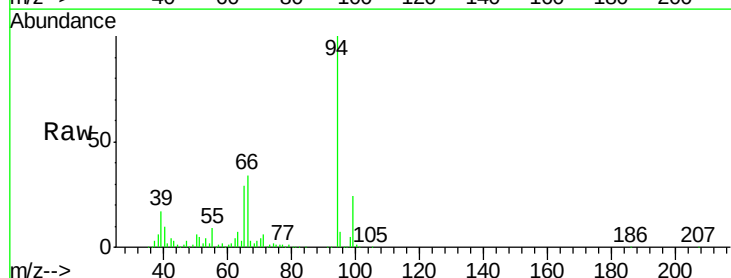
Tgt Ion: 94 Resp: 367434

Ion Ratio Lower Upper

94 100

65 28.5 20.6 60.6

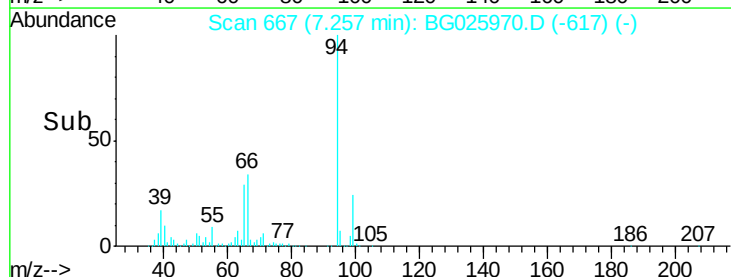
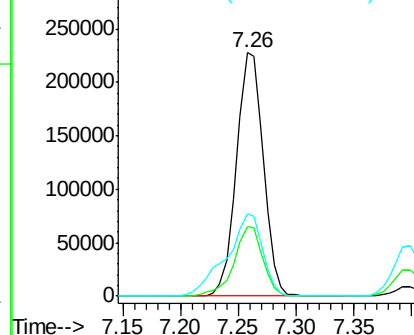
66 34.0 35.5 75.5#

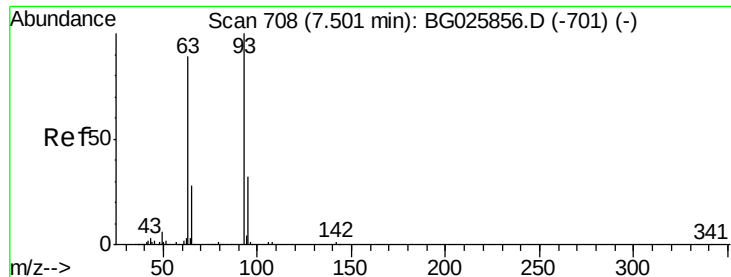


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





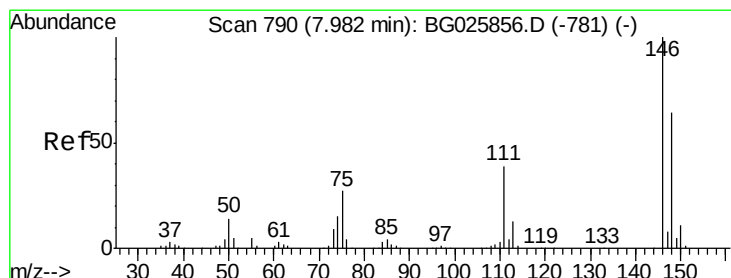
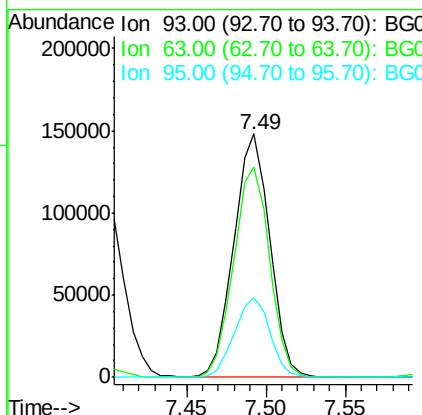
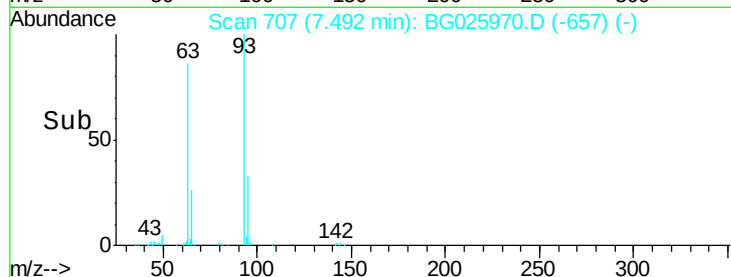
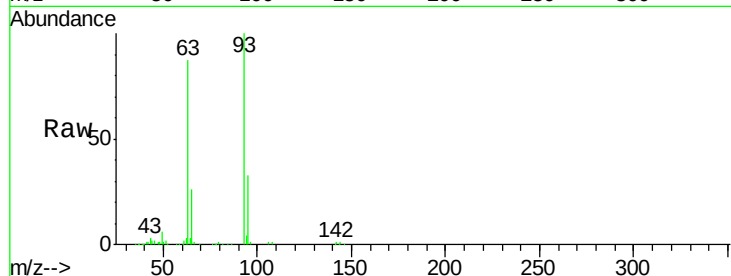
#11
bis(2-Chloroethyl)ether
Concen: 38.27 ng
RT: 7.49 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion:	93	Resp:	232584
Ion	Ratio	Lower	Upper
93	100		
63	86.6	78.5	118.5
95	32.9	9.8	49.8

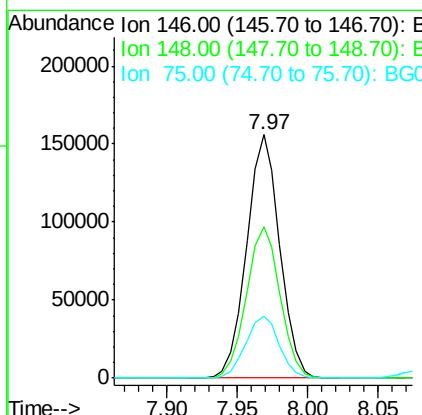
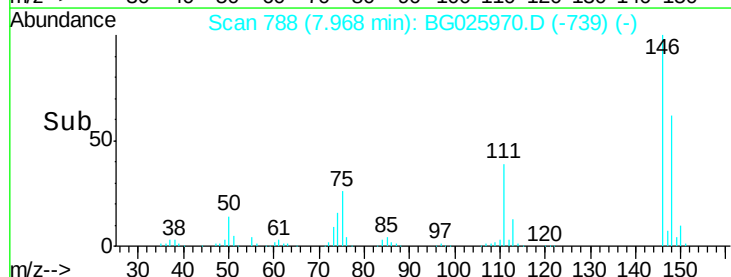
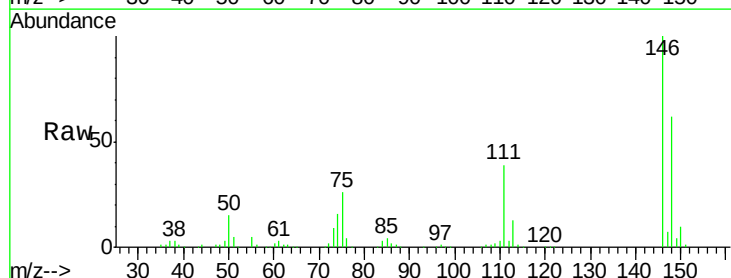
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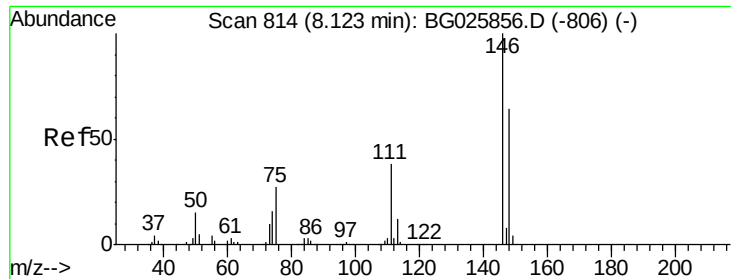
mohammad
3/1/2017 12:37:40 PM



#12
1,3-Dichlorobenzene
Concen: 40.44 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion:	146	Resp:	255399
Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.2	73.8
75	25.6	33.4	50.2#





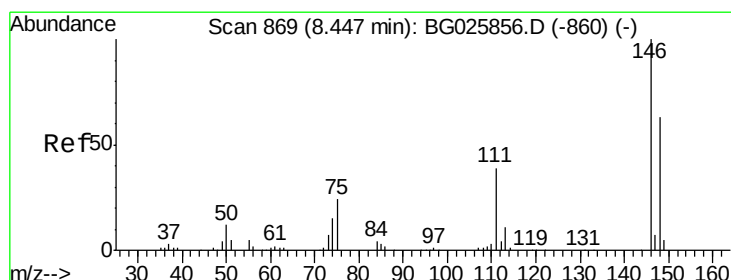
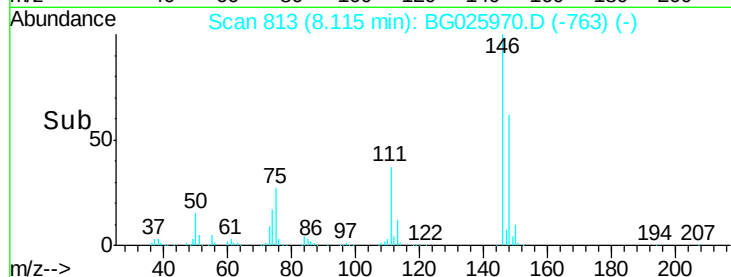
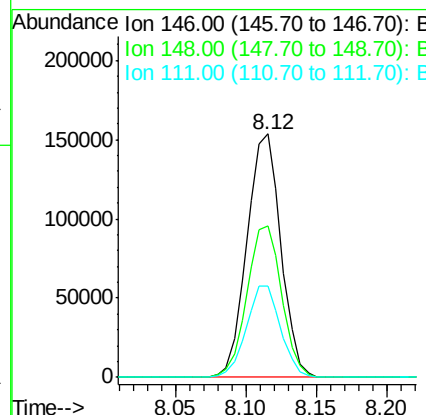
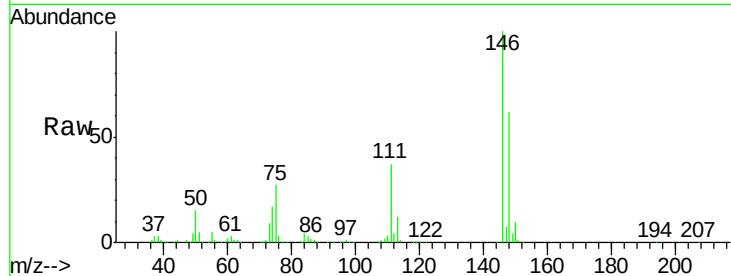
#13
 1,4-Dichlorobenzene
 Concen: 40.43 ng
 RT: 8.12 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	37.3	37.0	55.6

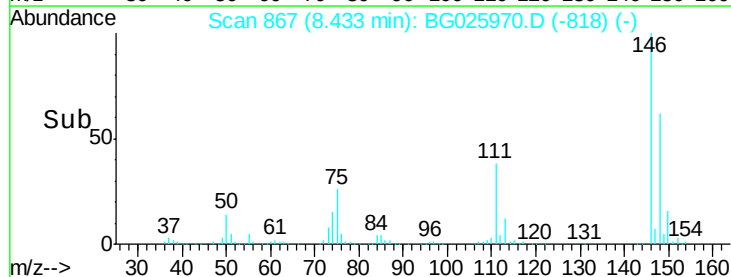
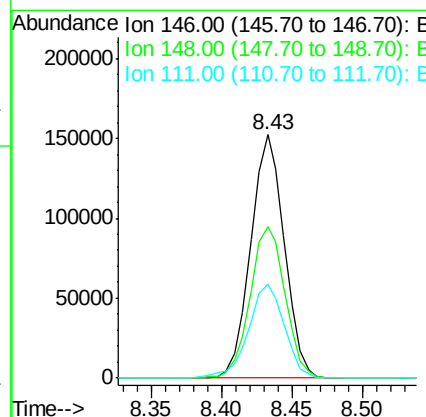
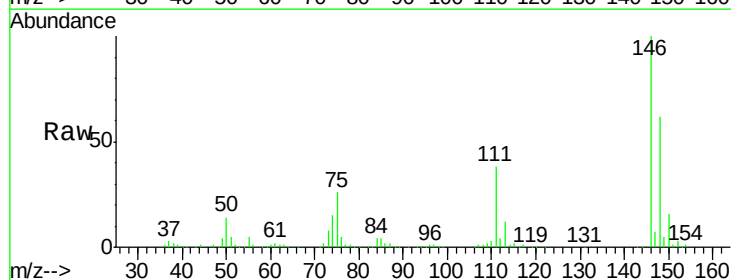
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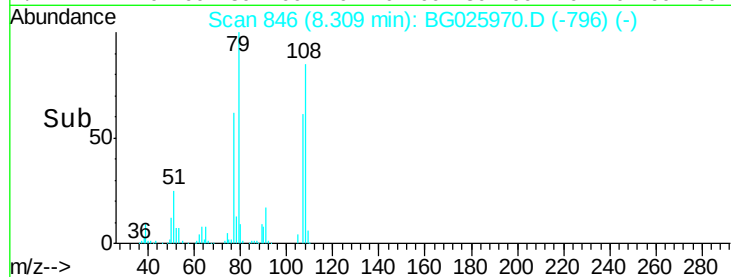
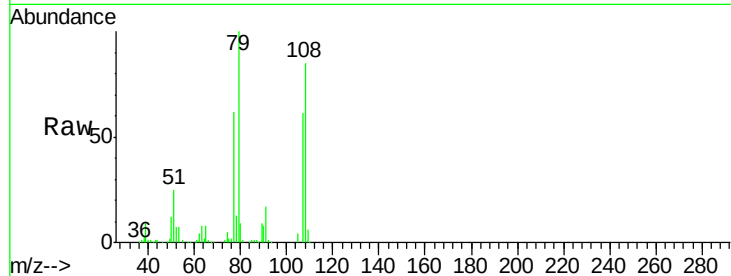
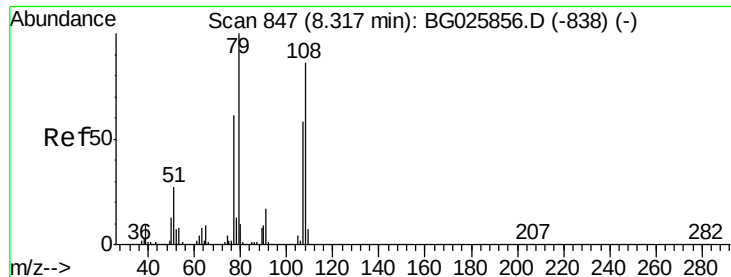
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.28 ng
 RT: 8.43 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	54.6	81.8
111	38.3	39.7	59.5#





#15

Benzyl Alcohol

Concen: 48.85 ng

RT: 8.31 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tot Ion:	79	Resp:	243360
Ion Ratio	Lower	Upper	
79	100		
108	84.5	45.5	68.3#
77	61.6	54.3	81.5

Instrument :

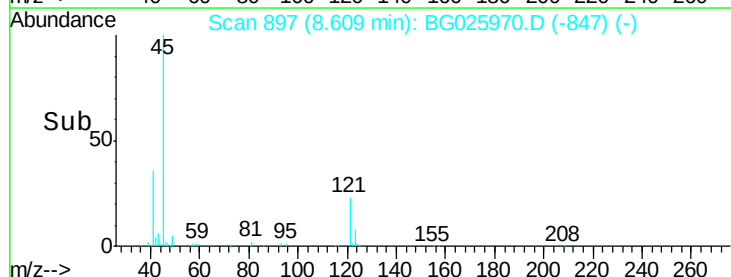
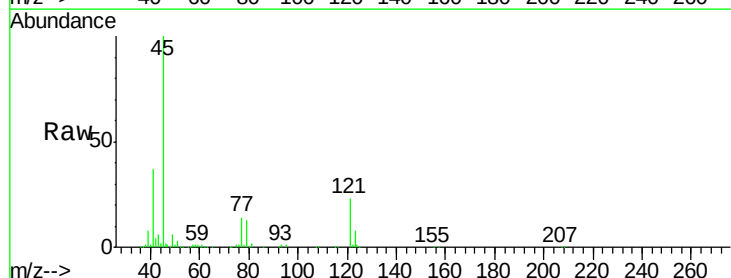
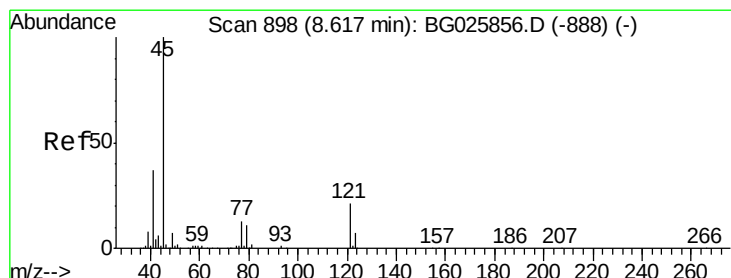
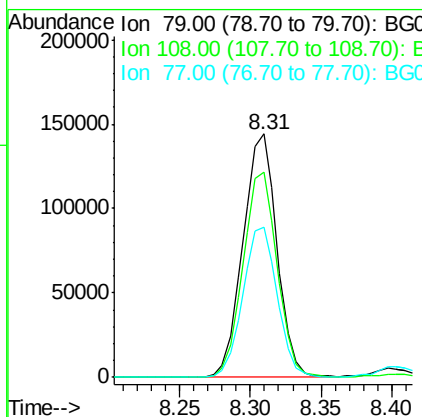
BNA_G

ClientSampleId :

PB97196BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.30 ng

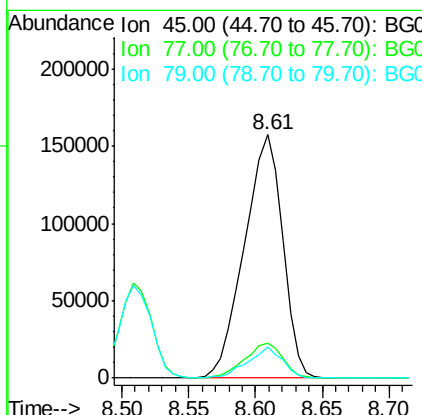
RT: 8.61 min Scan# 897

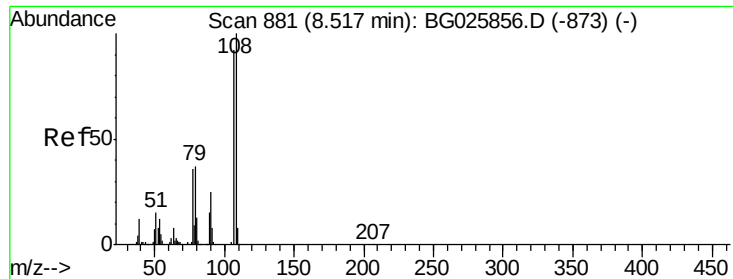
Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	45	Resp:	311270
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	30.6
79	12.6	0.0	28.5





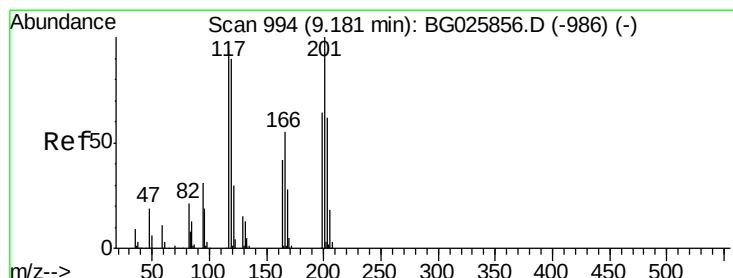
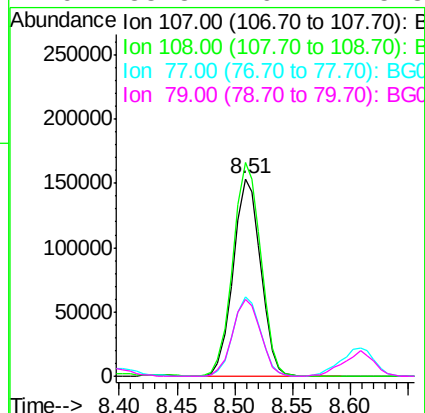
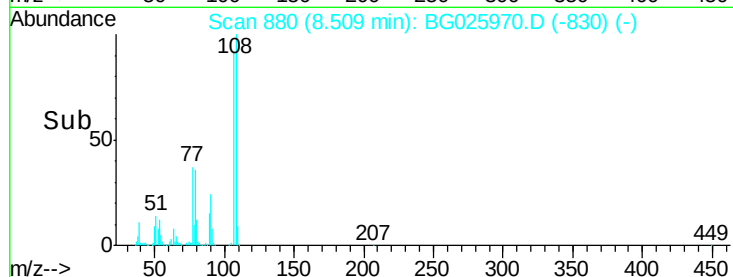
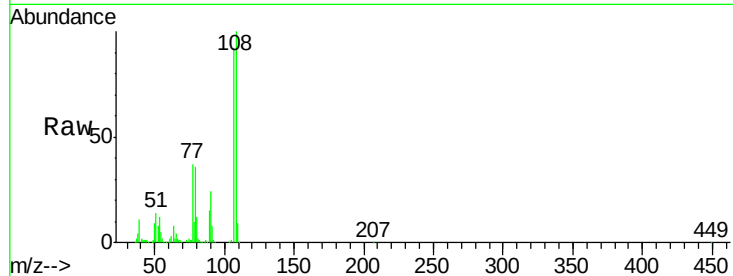
#17
2-Methylphenol
Concen: 47.52 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	85.6	128.4	
77	40.4	51.4	77.2#	
79	38.8	49.2	73.8#	

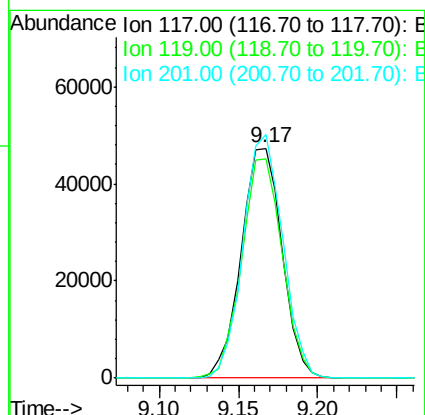
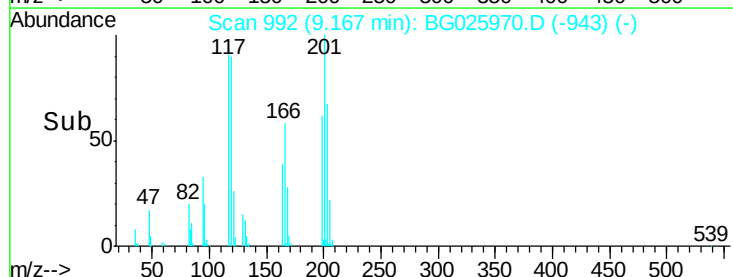
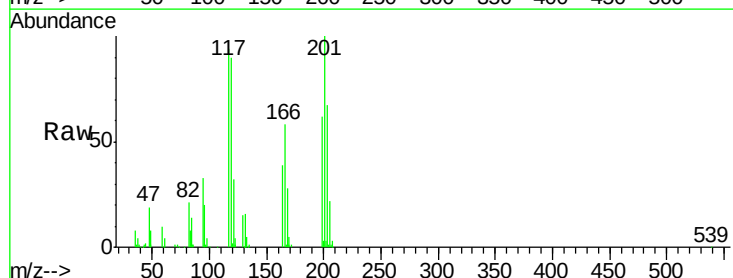
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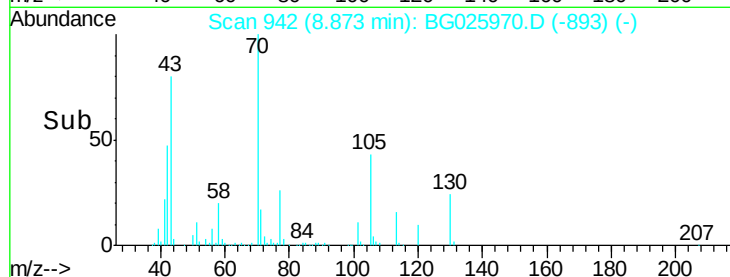
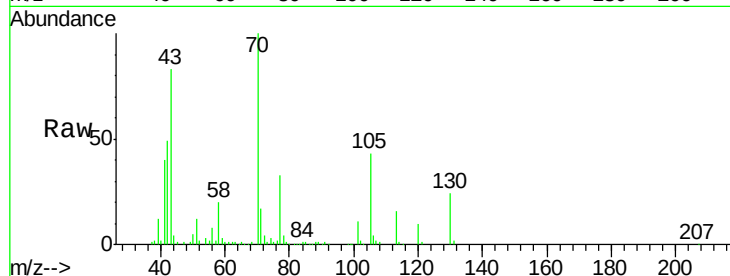
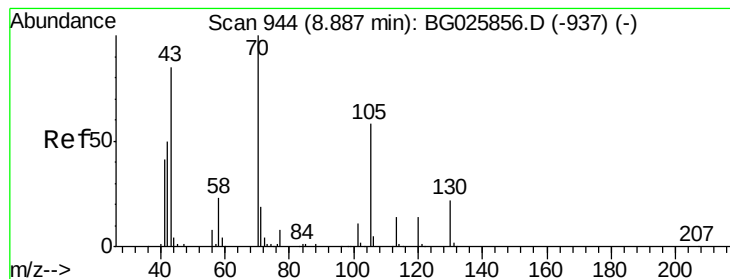
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#18
Hexachloroethane
Concen: 40.01 ng
RT: 9.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	69.8	104.6	
201	105.8	95.4	143.0	





#19

n-Nitroso-di-n-propylamine

Concen: 40.91 ng

RT: 8.87 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tot Ion: 70 Resp: 203277

Ion Ratio Lower Upper

70 100

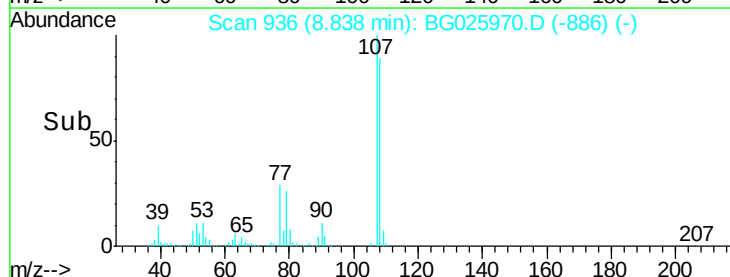
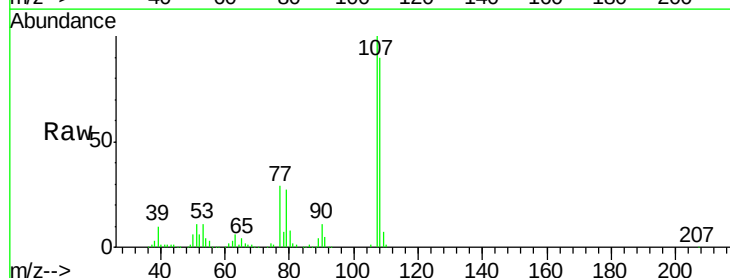
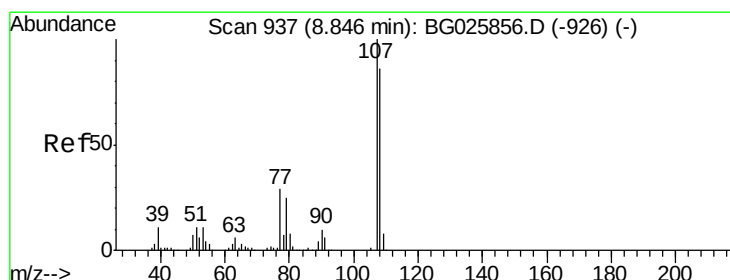
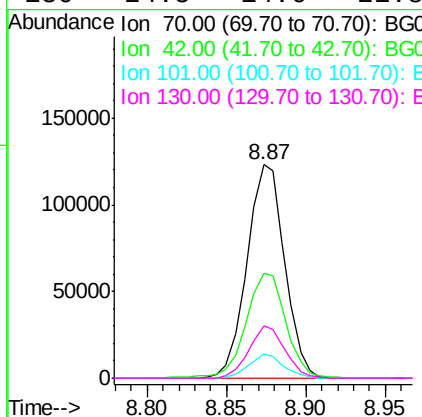
42 49.3 56.1 84.1#

101 11.1 7.5 11.3

130 24.5 14.6 21.8#

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#20

3+4-Methylphenols

Concen: 47.97 ng

RT: 8.84 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion: 107 Resp: 364019

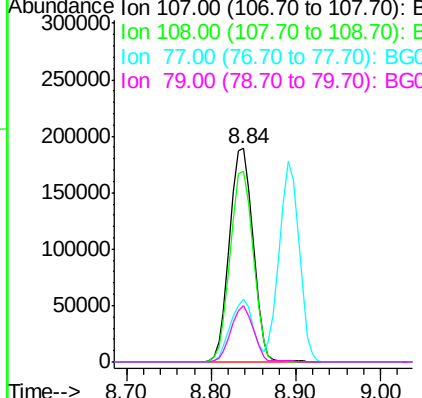
Ion Ratio Lower Upper

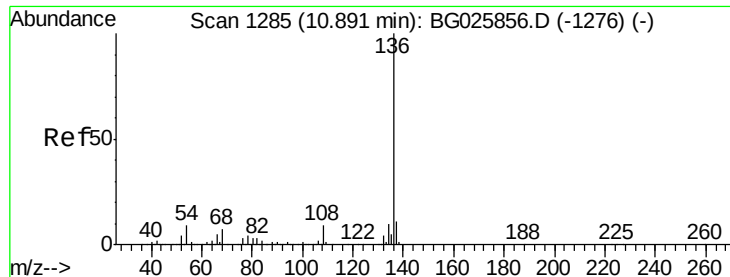
107 100

108 89.6 70.8 110.8

77 29.3 25.8 65.8

79 26.6 20.1 60.1





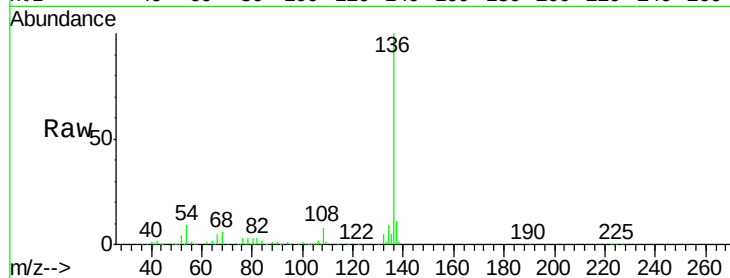
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

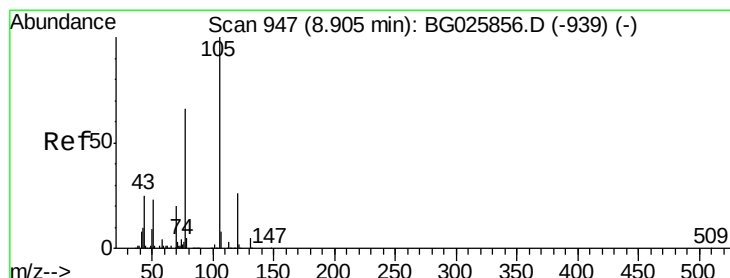
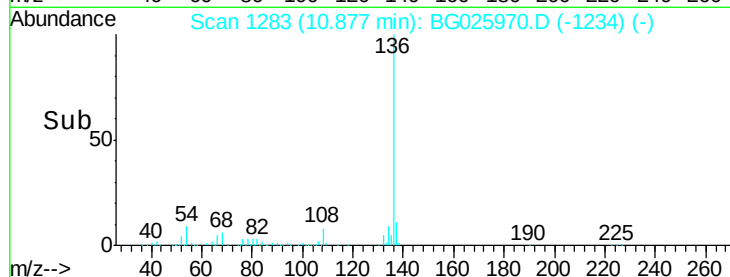
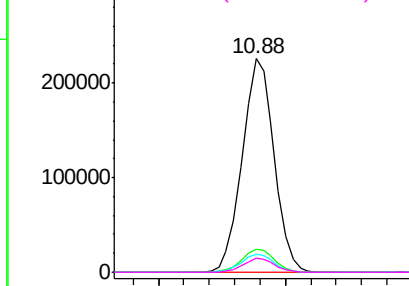
Tot Ion	Ratio	Resp	Lower	Upper
136	100	392629		
137	10.6		8.9	13.3
54	8.7		9.3	13.9
68	6.5		5.1	7.7

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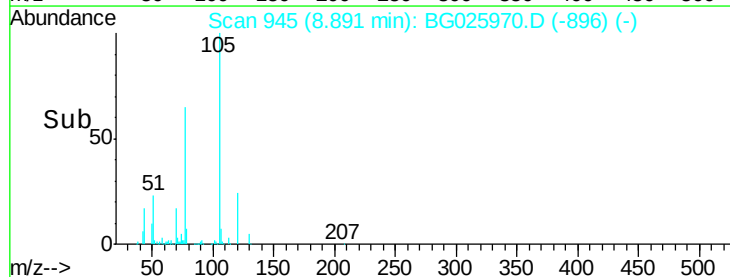
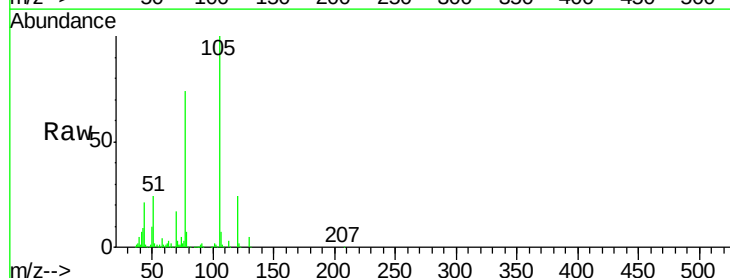
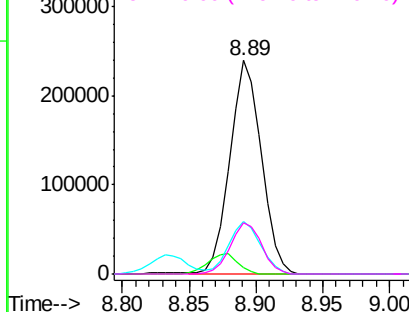
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

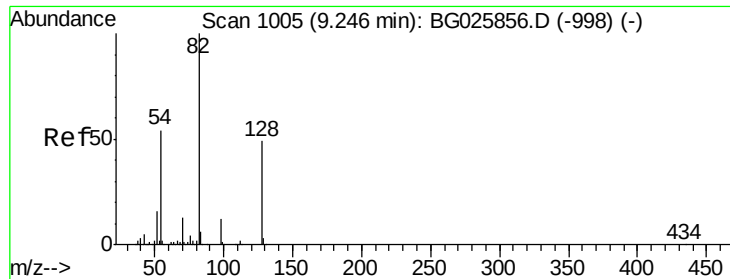


#22
Acetophenone
Concen: 41.78 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	393634		
71	2.7		0.9	1.3
51	24.4		34.0	51.0
120	23.9		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





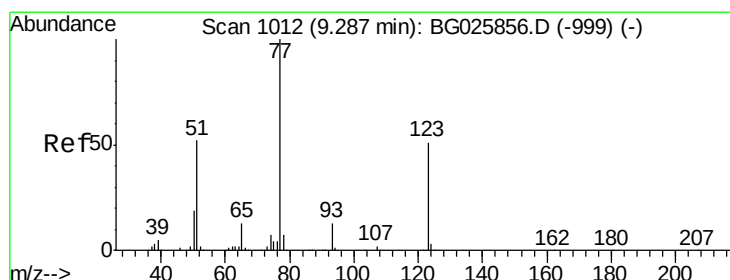
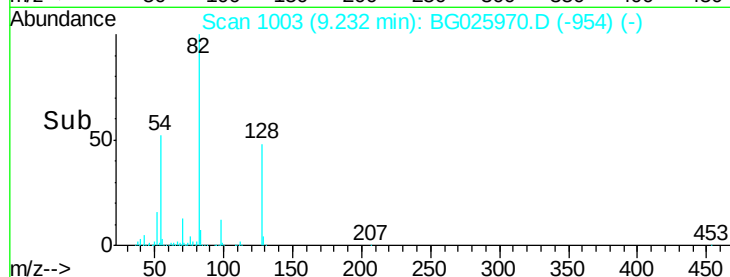
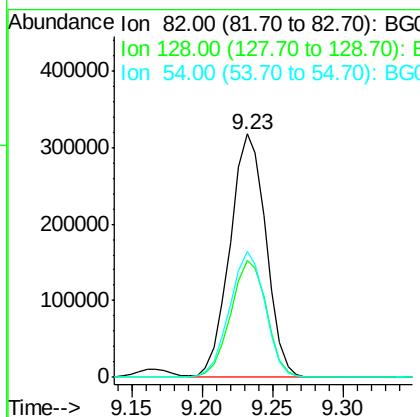
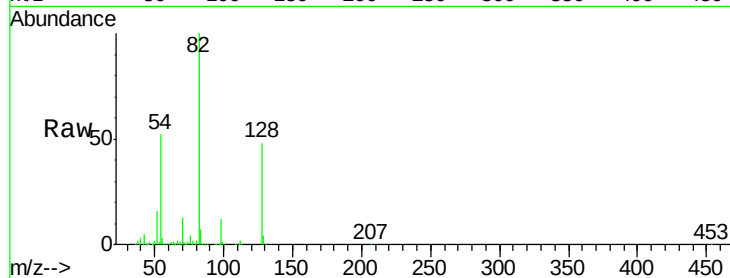
#23
Nitrobenzene-d5
Concen: 90.34 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	26.4	39.6#
54	51.7	49.4	74.2

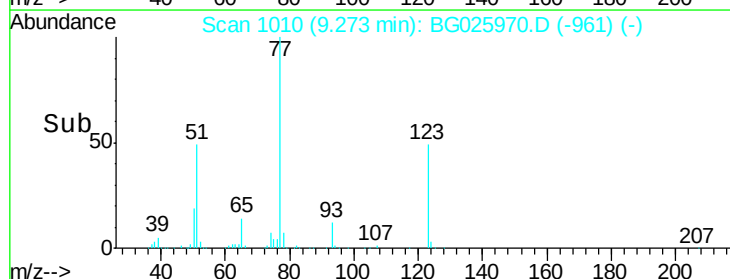
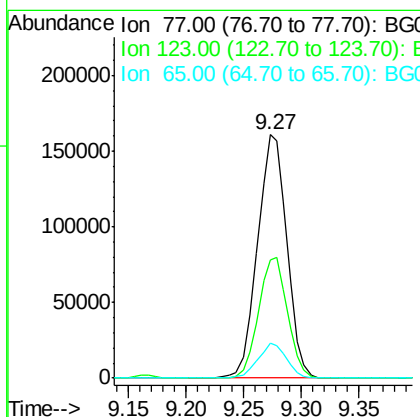
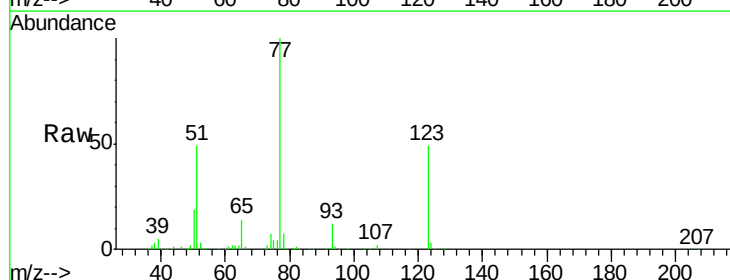
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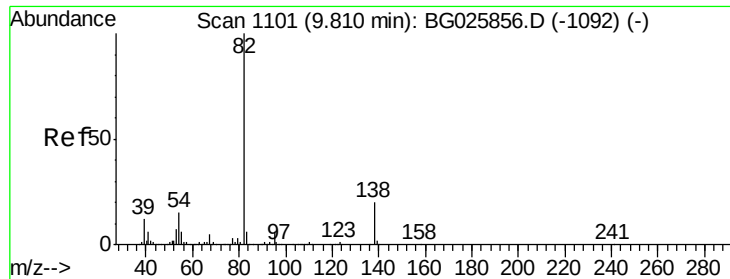
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#24
Nitrobenzene
Concen: 42.40 ng
RT: 9.27 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	26.1	39.1#
65	14.2	12.4	18.6





#25

Isophorone

Concen: 42.60 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

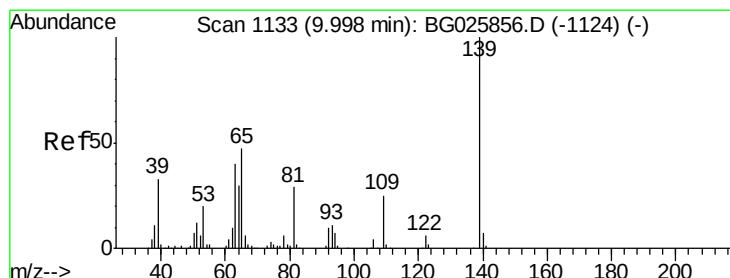
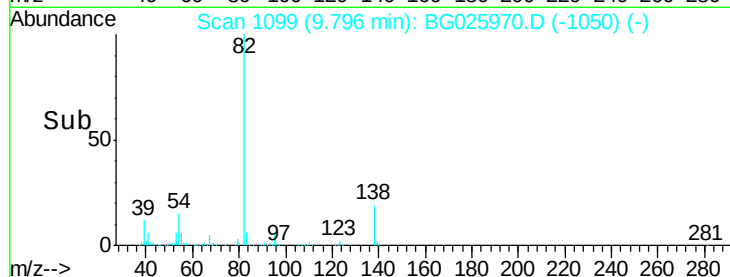
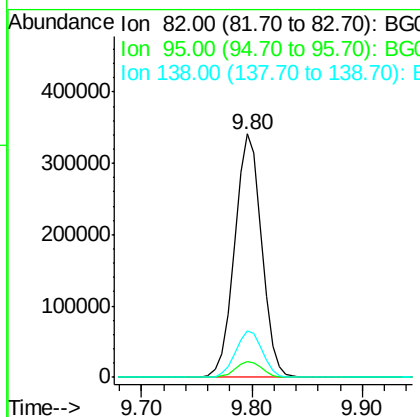
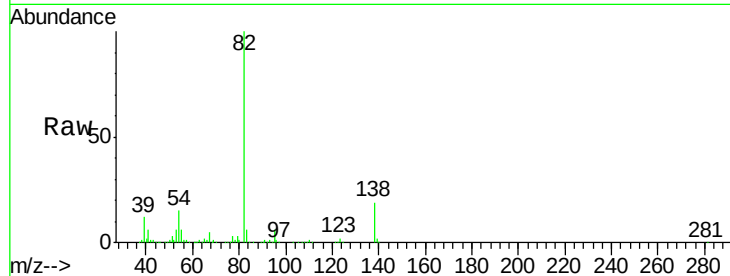
ClientSampleId :

PB97196BS

Tot Ion:	82	Resp:	583216
Ion Ratio		Lower	Upper
82	100		
95	6.3	7.5	11.3#
138	19.1	12.3	18.5#

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#26

2-Nitrophenol

Concen: 48.76 ng

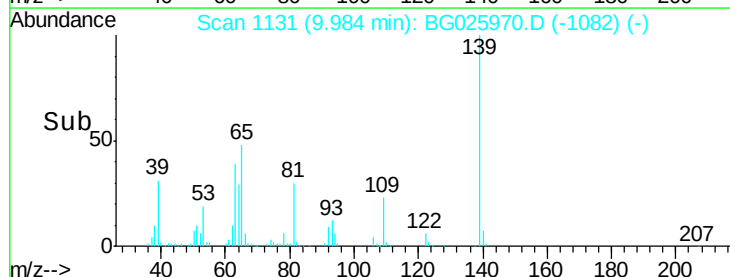
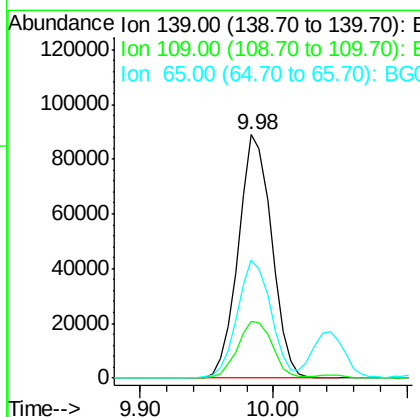
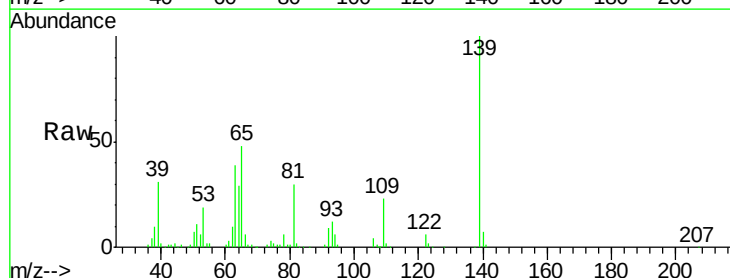
RT: 9.98 min Scan# 1131

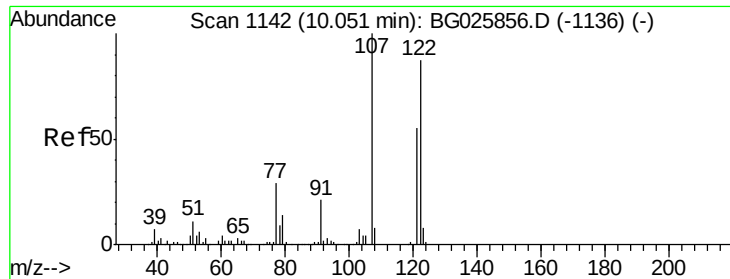
Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	139	Resp:	153406
Ion Ratio		Lower	Upper
139	100		
109	23.1	38.6	58.0#
65	48.4	57.1	85.7#





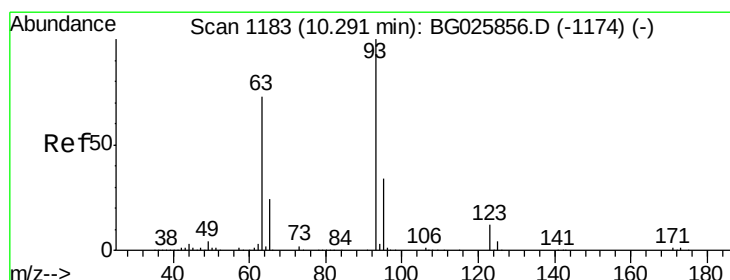
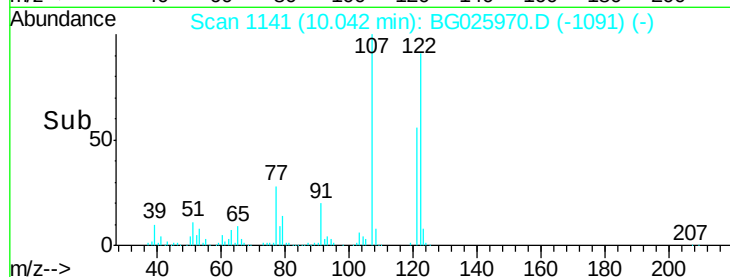
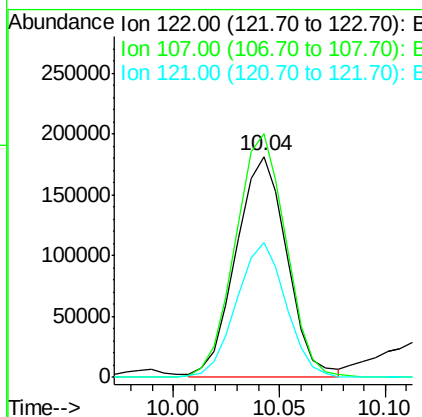
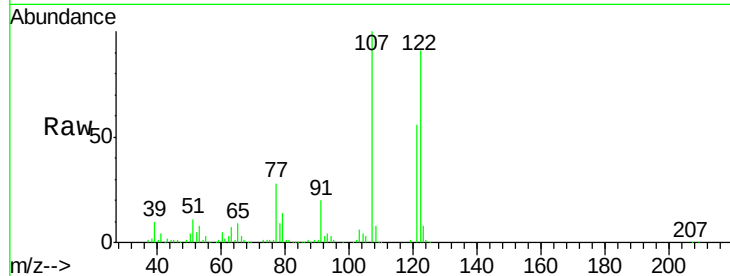
#27
2,4-Dimethylphenol
Concen: 51.65 ng
RT: 10.04 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	104.2	156.4
121	61.2	46.0	69.0

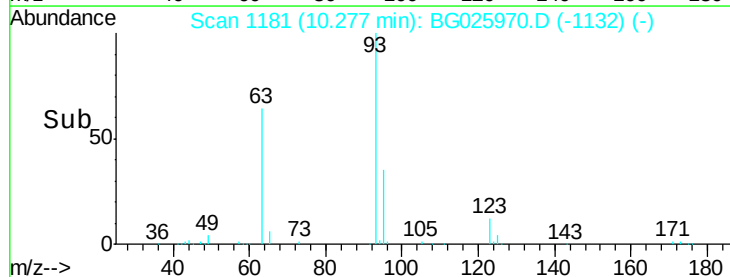
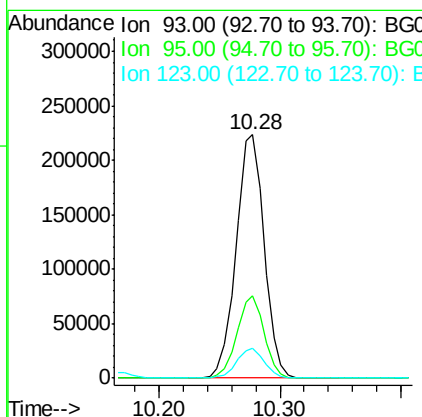
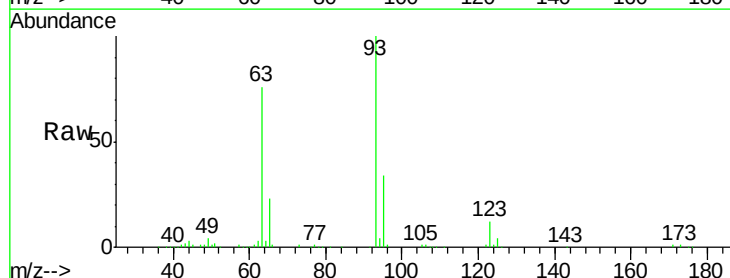
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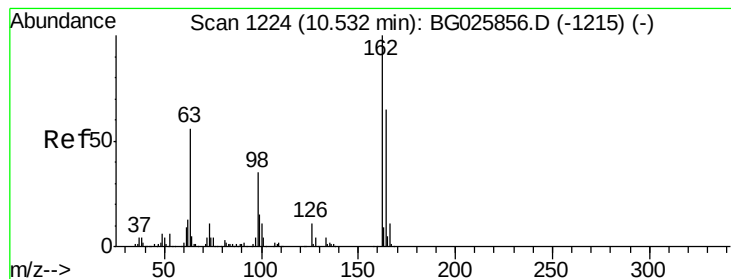
mohammad
3/1/2017 12:37:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.77 ng
RT: 10.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.7	38.5
123	12.2	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 52.96 ng

RT: 10.52 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

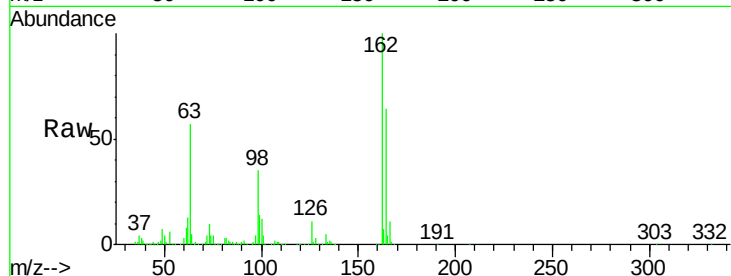
ClientSampleId :

PB97196BS

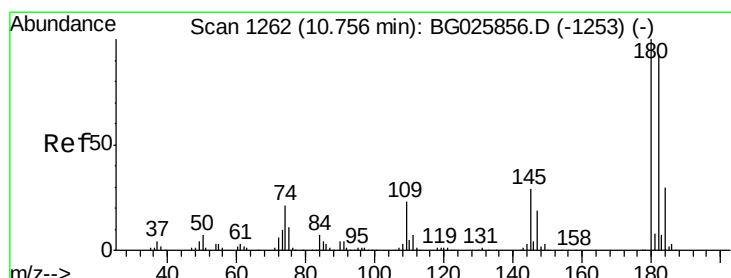
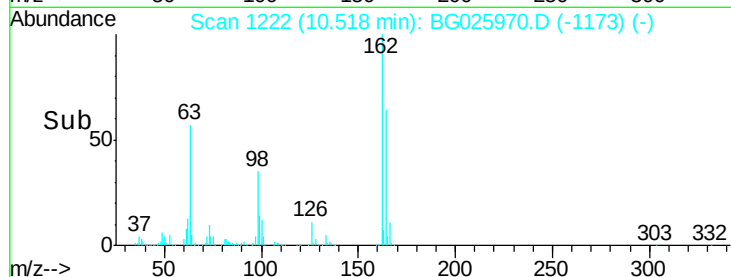
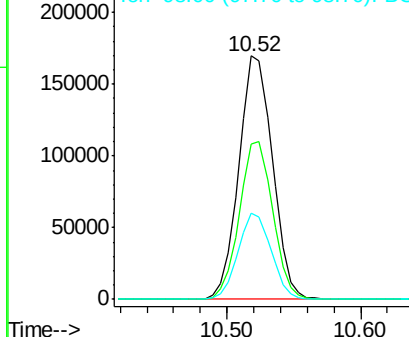
Tot Ion:	162	Resp:	296829
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.4	82.4
98	35.3	20.3	60.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.36 ng

RT: 10.74 min Scan# 1260

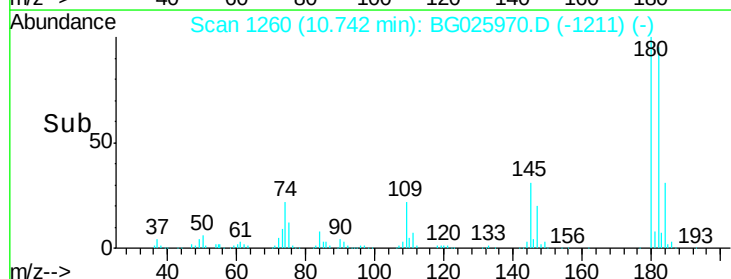
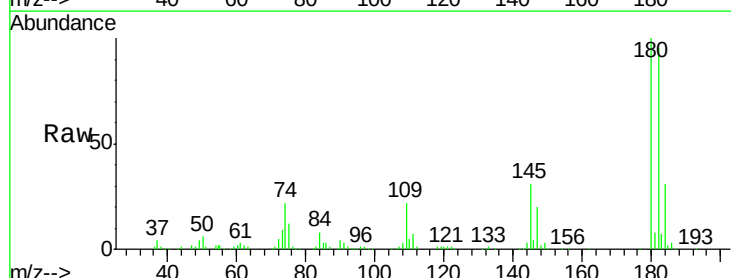
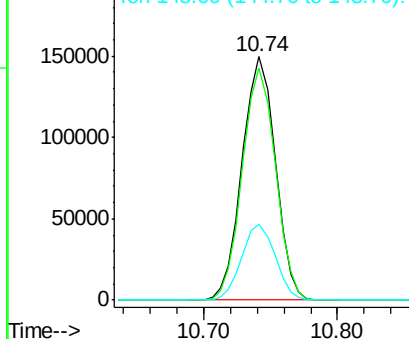
Delta R.T. -0.01 min

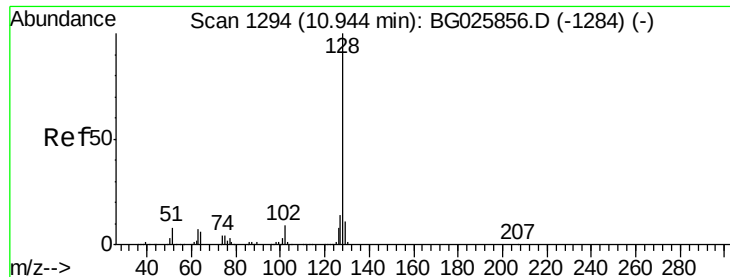
Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	180	Resp:	258181
Ion Ratio	Lower	Upper	
180	100		
182	95.4	77.0	115.4
145	31.2	23.4	35.0

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





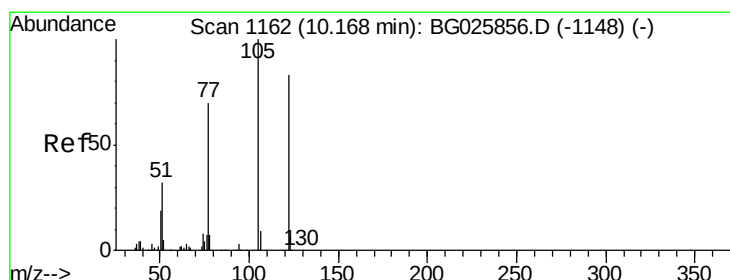
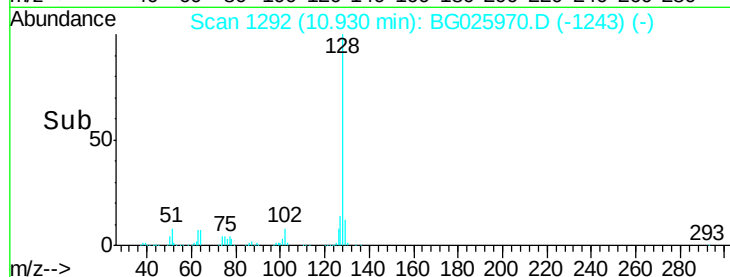
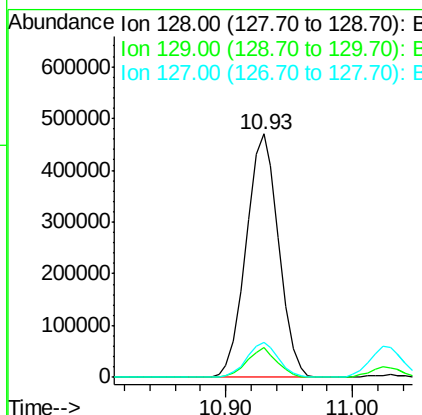
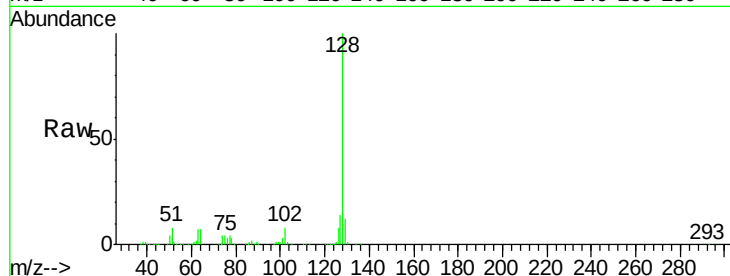
#31
Naphthalene
Concen: 41.13 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.2	11.4	17.0

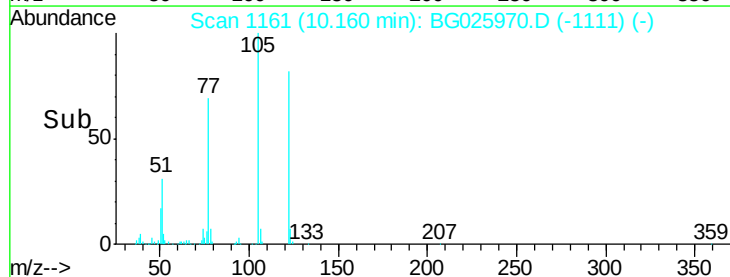
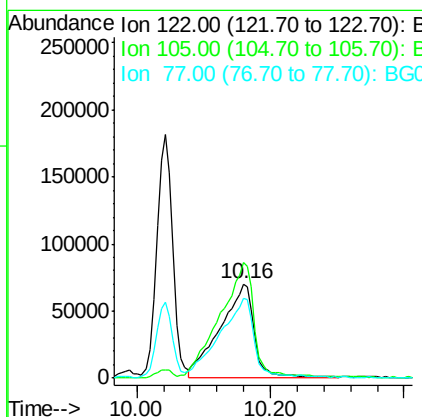
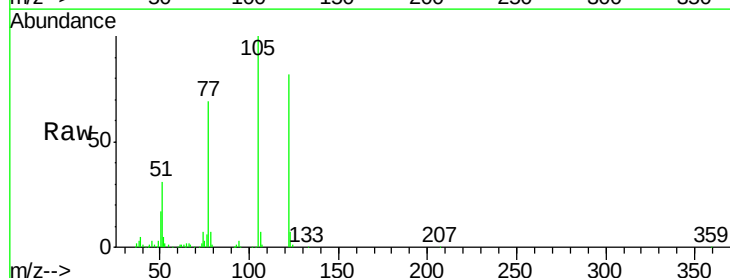
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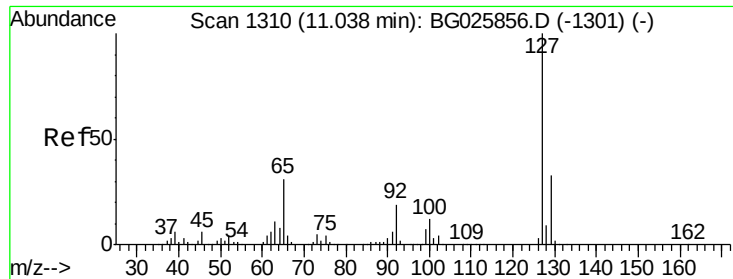
mohammad
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#32
Benzoic acid
Concen: 55.39 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	120.1	160.1
77	84.7	104.6	144.6





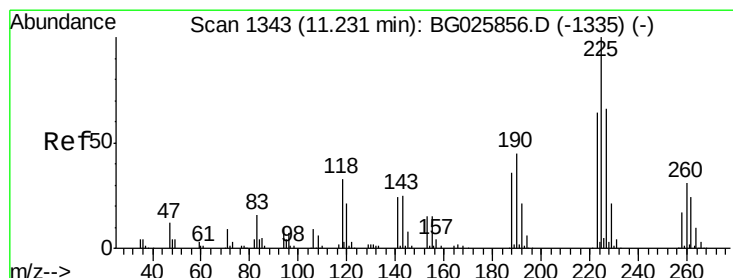
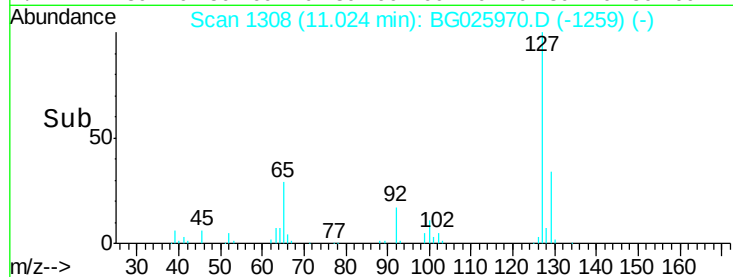
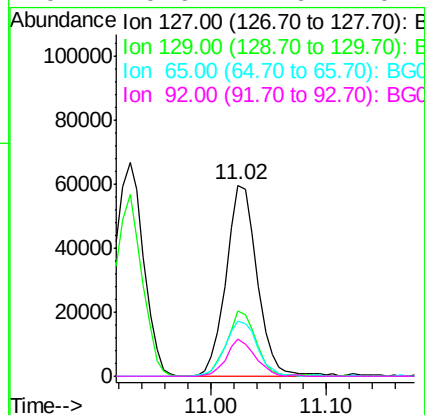
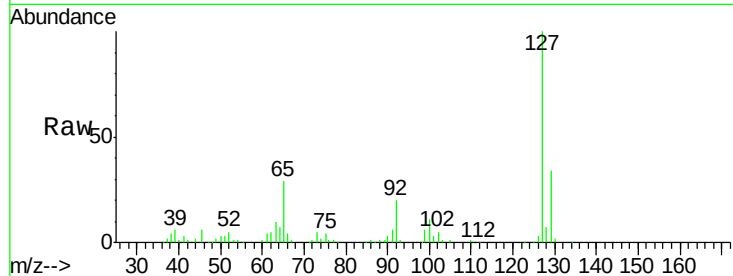
#33
4-Chloroaniline
Concen: 12.67 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	111746		
129	34.5	23.6	35.4	
65	28.8	37.7	56.5	
92	19.6	17.6	26.4	

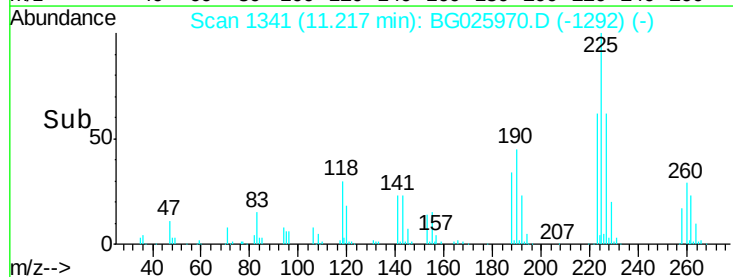
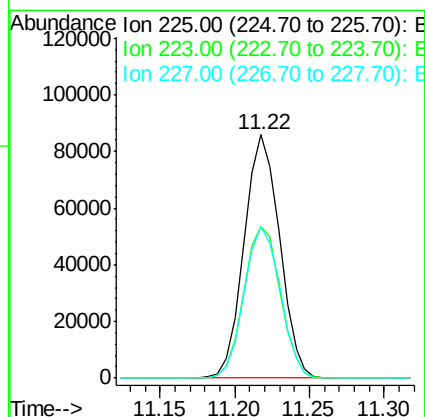
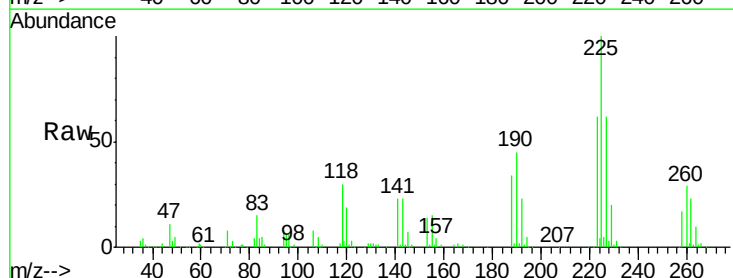
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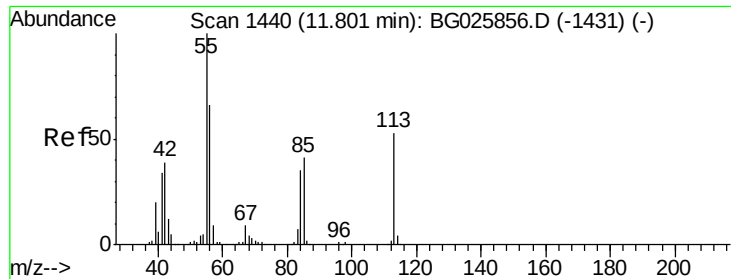
mohammad
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#34
Hexachlorobutadiene
Concen: 40.74 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141303		
223	62.2	50.7	76.1	
227	62.4	49.0	73.6	





#35

Caprolactam

Concen: 60.04 ng/mL

RT: 11.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

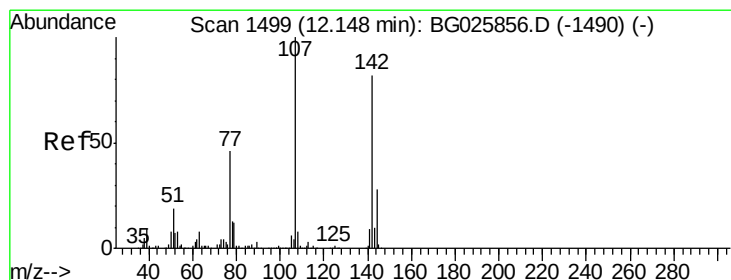
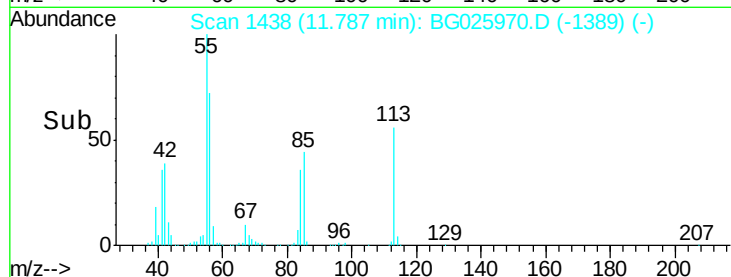
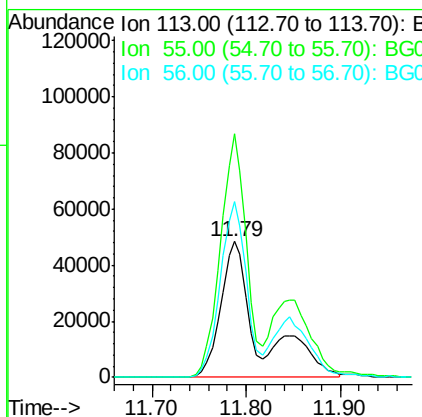
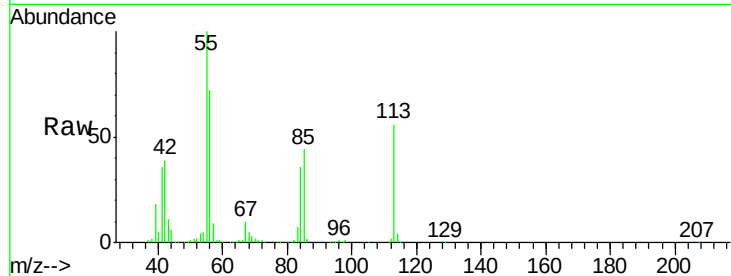
ClientSampleID :

PB97196BS

Tot Ion:	113	Resp:	135890
Ion Ratio	Lower	Upper	
113	100		
55	179.5	198.6	238.6#
56	129.4	140.4	180.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 53.84 ng/mL

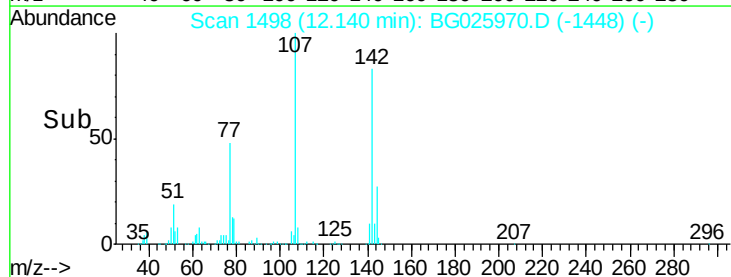
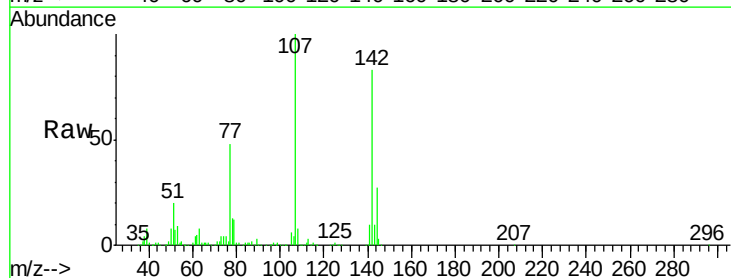
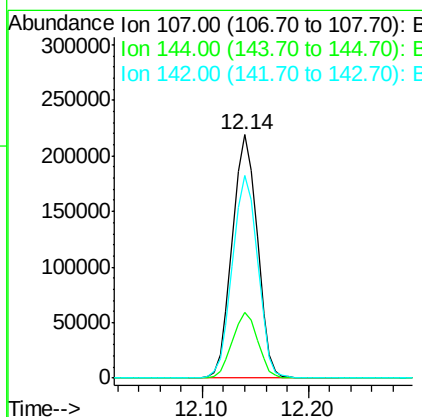
RT: 12.14 min Scan# 1498

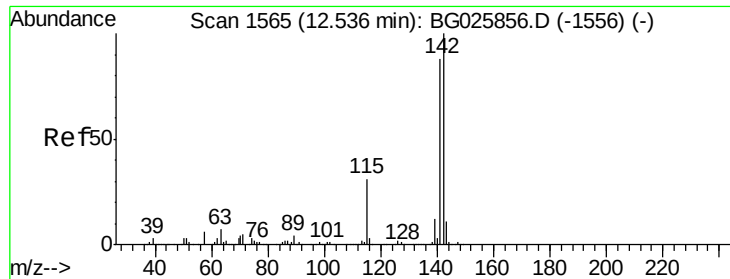
Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	107	Resp:	361000
Ion Ratio	Lower	Upper	
107	100		
144	27.2	17.4	26.0#
142	83.4	54.1	81.1#





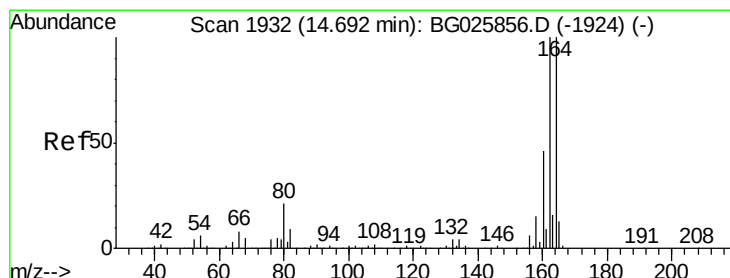
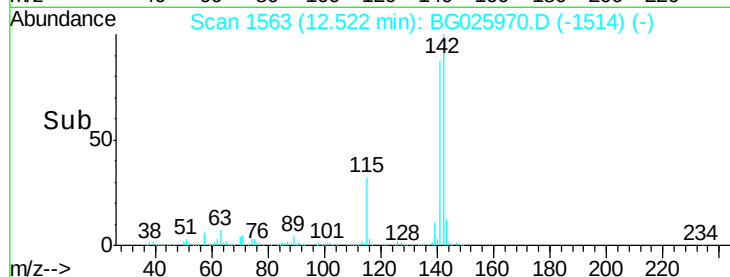
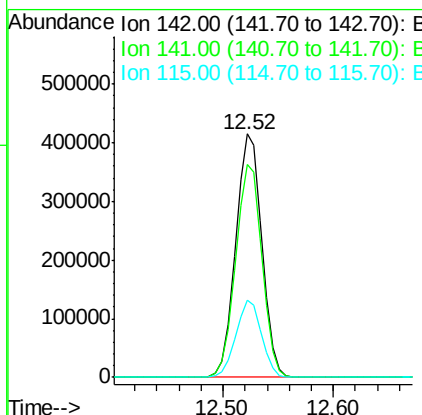
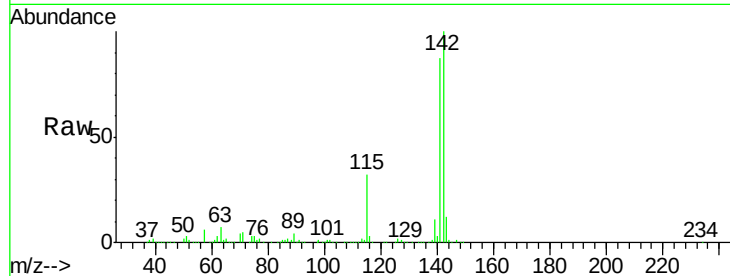
#37
 2-Methylnaphthalene
 Concen: 44.53 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleID :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.7	35.5	53.3

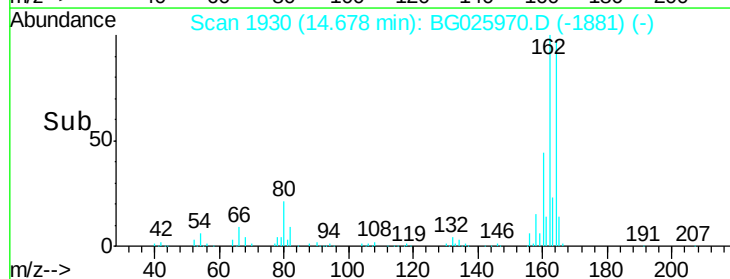
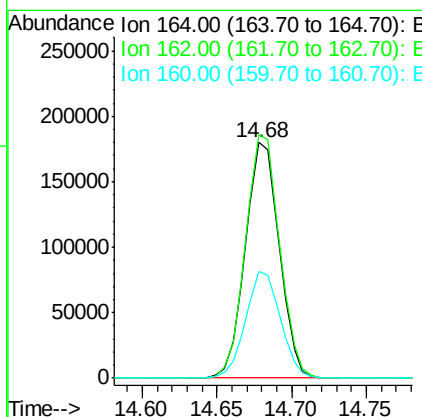
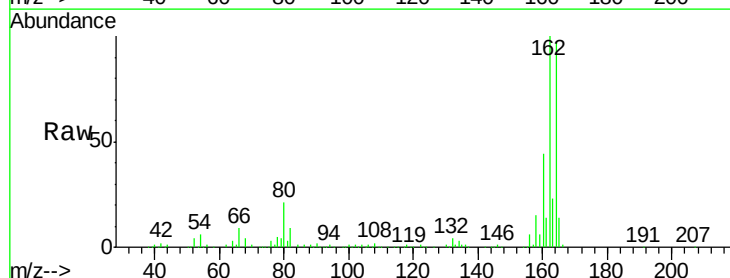
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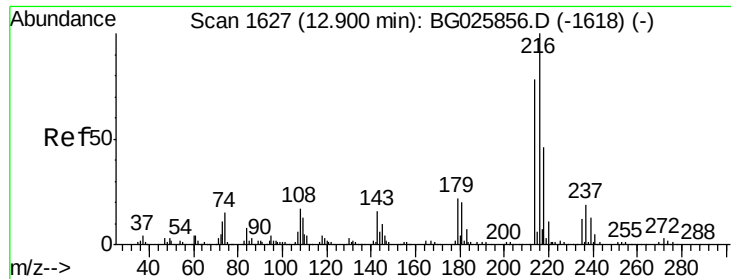
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	45.2	34.7	52.1





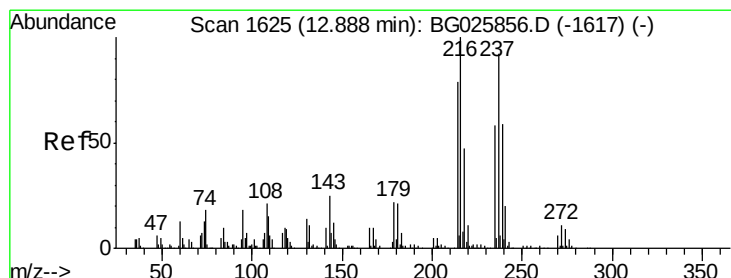
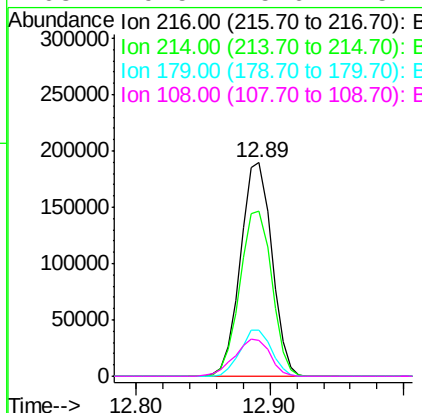
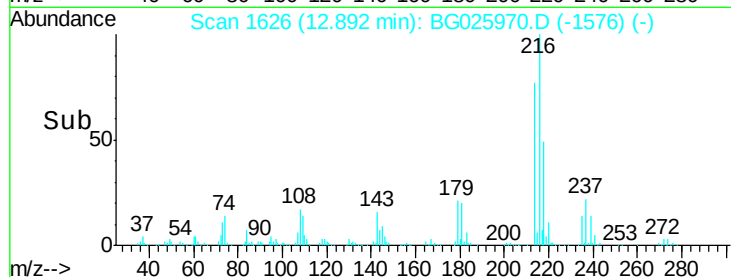
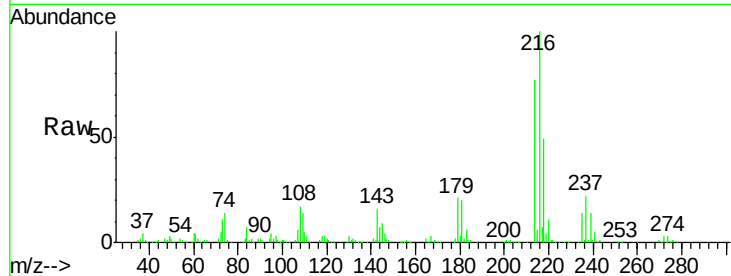
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.65 ng
 RT: 12.89 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	64.4	96.6	
179	21.5	17.4	26.0	
108	19.5	15.6	23.4	

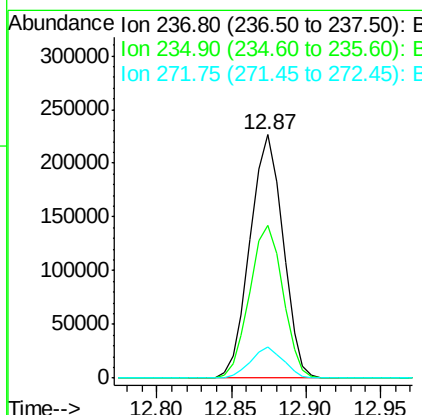
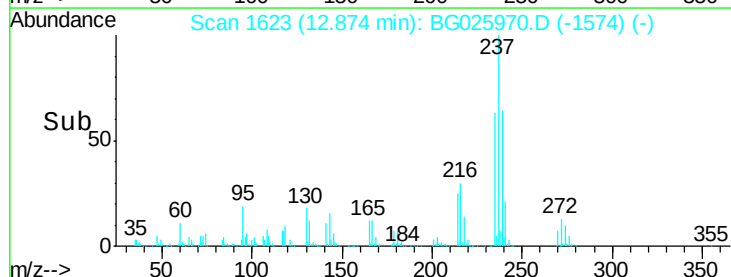
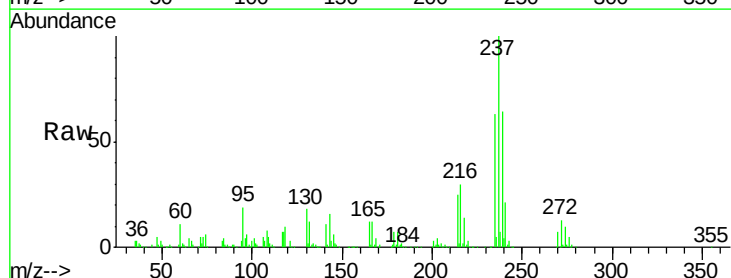
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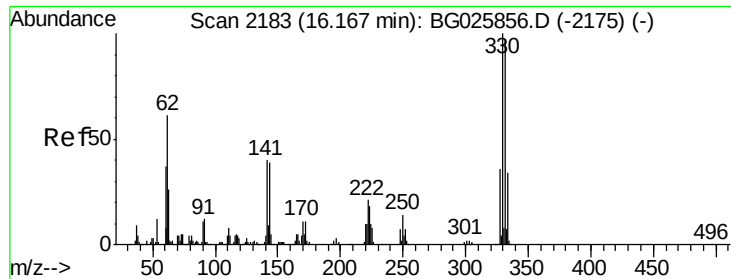
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 89.54 ng
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	39.4	79.4	
272	12.9	0.0	32.0	





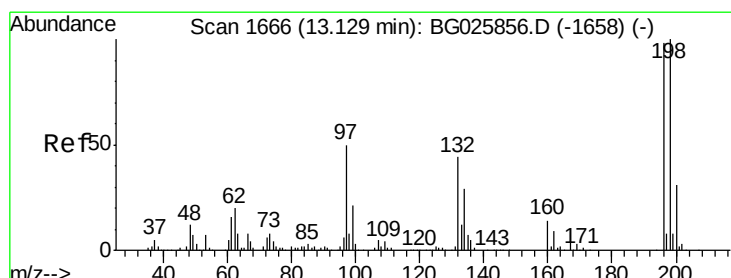
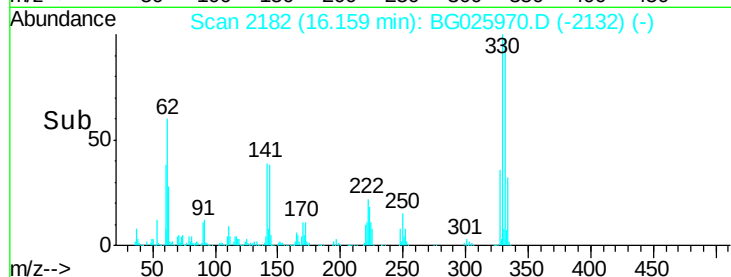
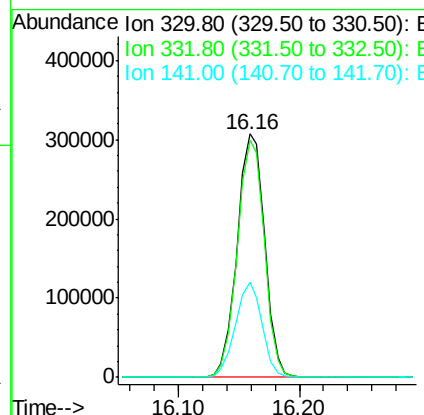
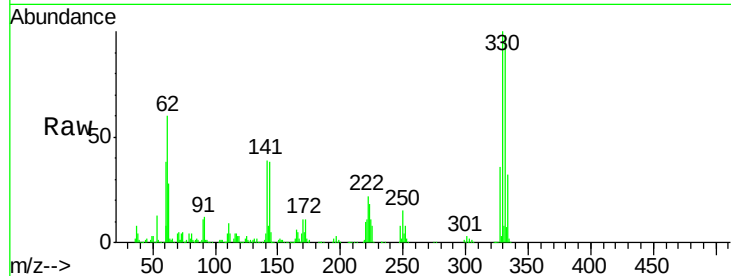
#41
 2,4,6-Tribromophenol
 Concen: 187.88 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	37.6	32.1	48.1

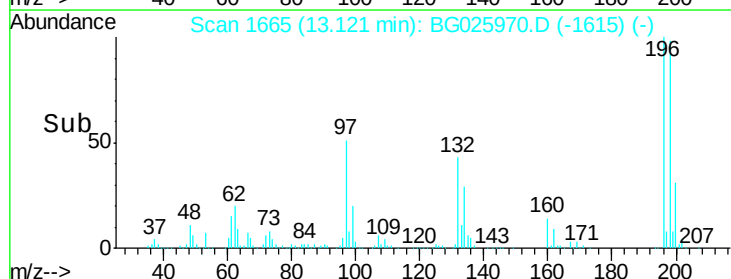
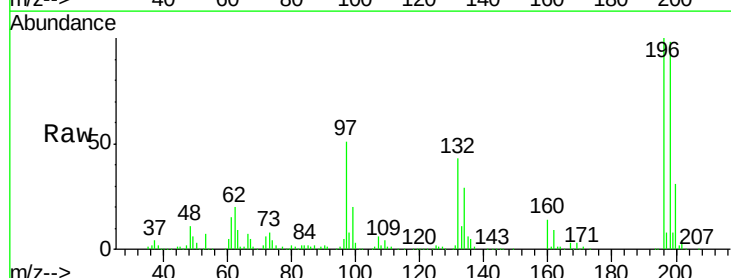
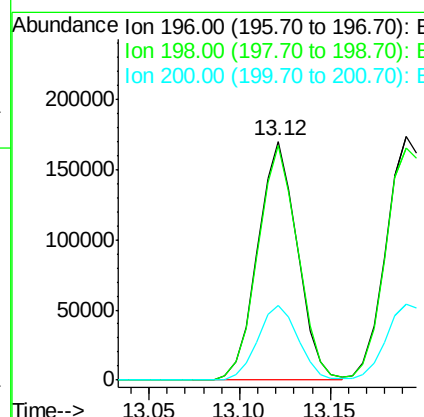
Manual Integrations
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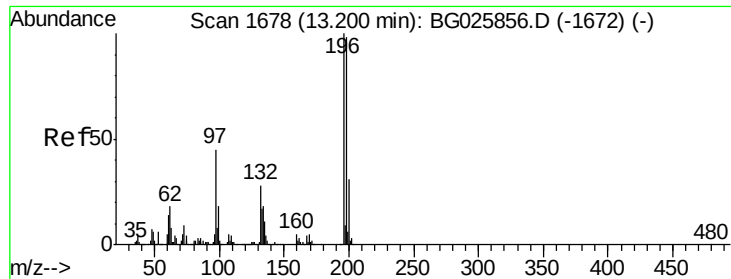
mohammad
 3/1/2017 12:37:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.49 ng
 RT: 13.12 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	81.4	122.2
200	31.3	27.0	40.6





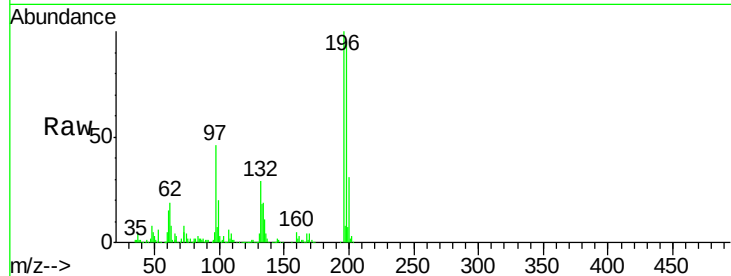
#43
 2,4,5-Trichlorophenol
 Concen: 54.80 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

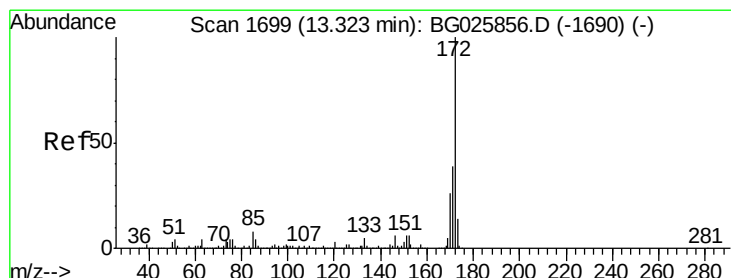
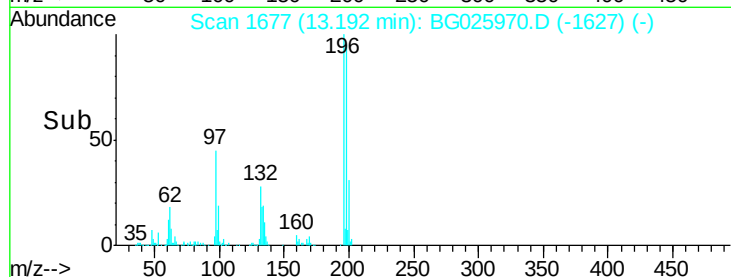
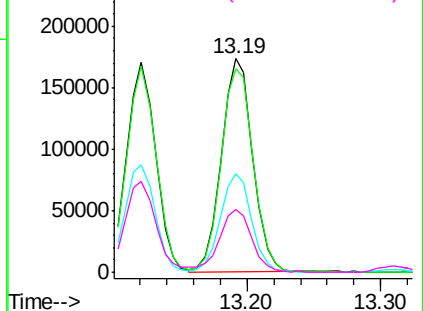
Tot Ion	196	Resp	283865
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.9	119.9
97	46.1	45.4	68.0
132	29.2	20.7	31.1

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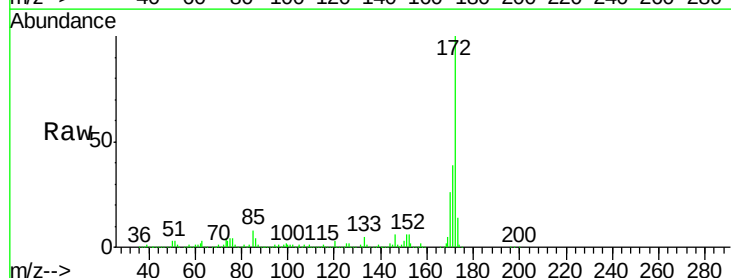


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

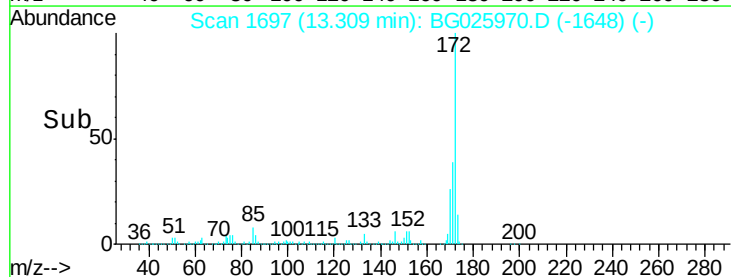
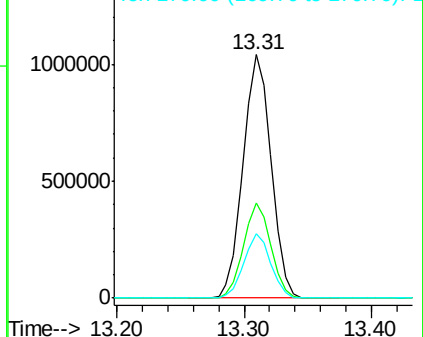


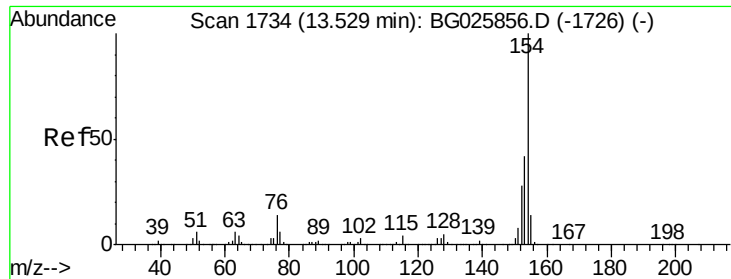
#44
 2-Fluorobiphenyl
 Concen: 99.06 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	172	Resp	1597953
Ion Ratio	Lower	Upper	
172	100		
171	38.8	32.2	48.2
170	26.3	21.8	32.6



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





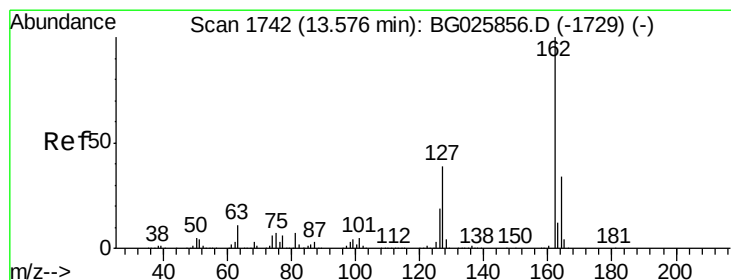
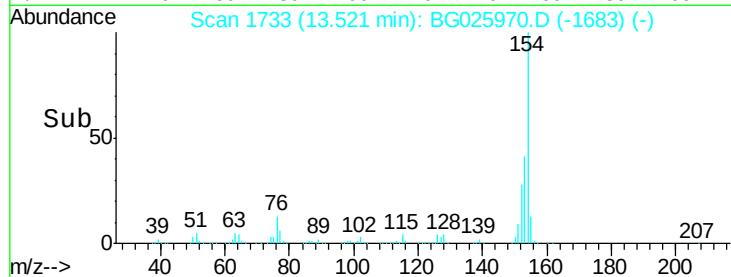
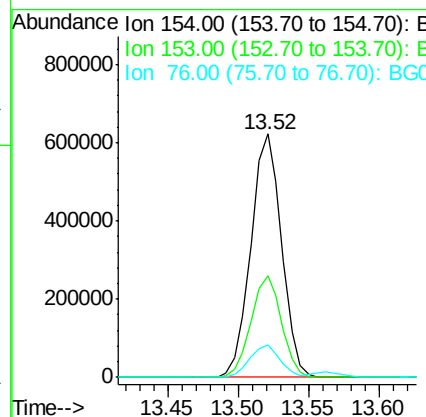
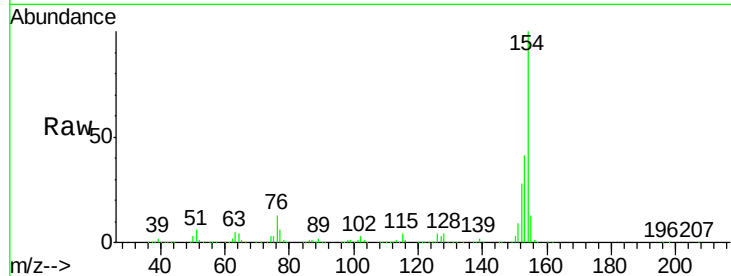
#45
 1,1'-Biphenyl
 Concen: 46.45 ng
 RT: 13.52 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.5	23.0	63.0
76	13.3	0.0	33.5

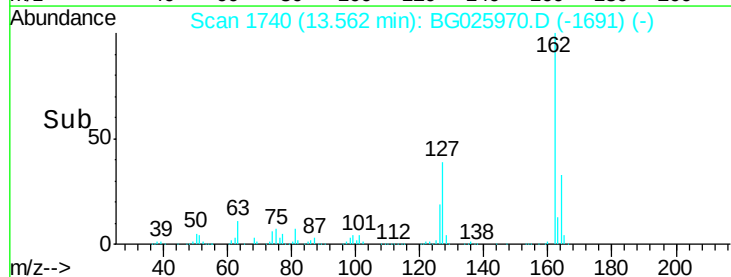
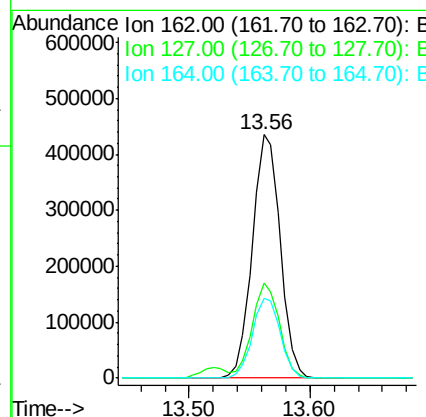
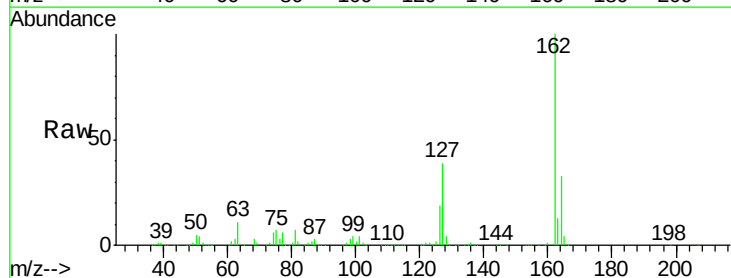
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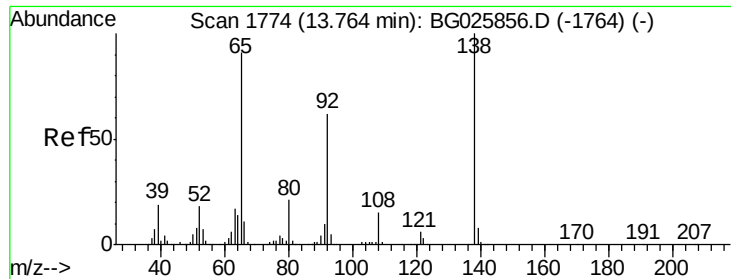
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#46
 2-Chloronaphthalene
 Concen: 47.27 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.2	32.2	48.4
164	32.7	27.3	40.9





#47

2-Nitroaniline

Concen: 55.09 ng

RT: 13.76 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tot Ion: 65 Resp: 258008

Ion Ratio Lower Upper

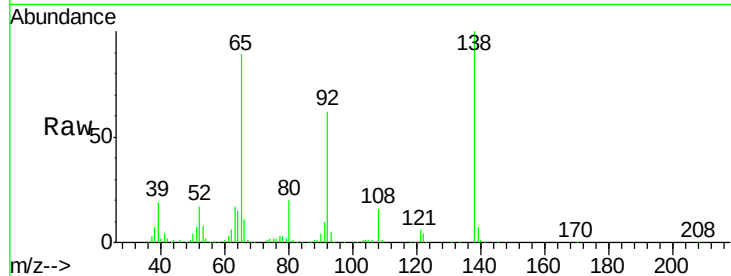
65 100

92 69.5 49.0 73.4

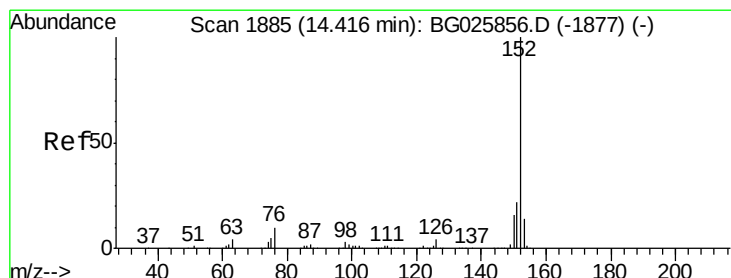
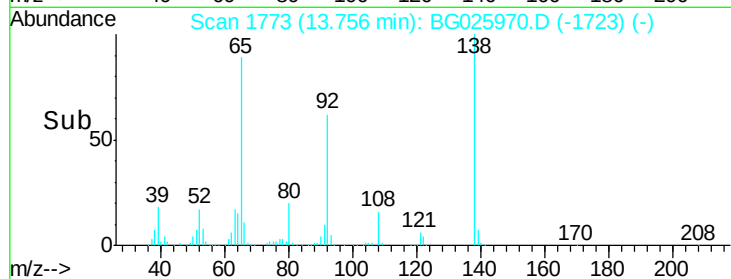
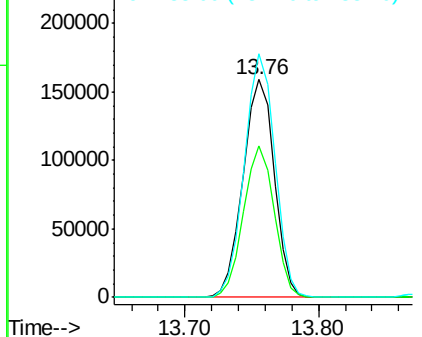
138 112.0 58.6 87.8#

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



#48

Acenaphthylene

Concen: 47.40 ng

RT: 14.40 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

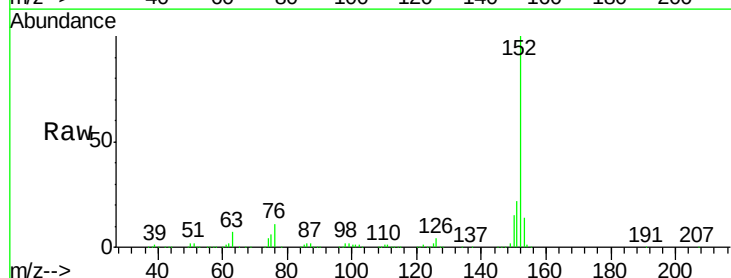
Tgt Ion: 152 Resp: 1246196

Ion Ratio Lower Upper

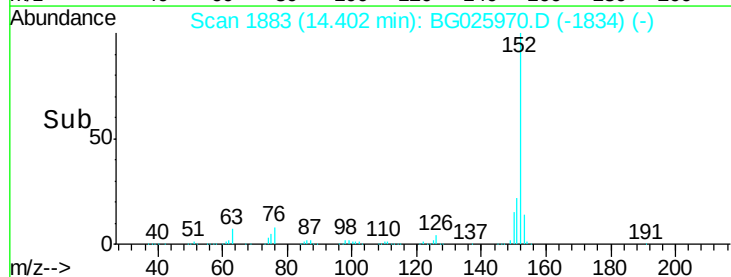
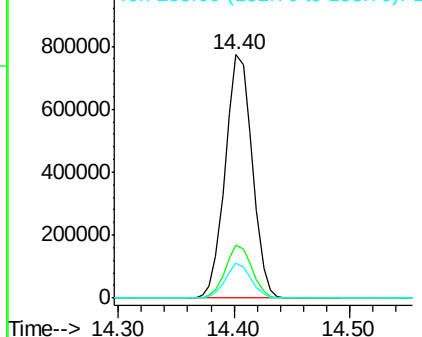
152 100

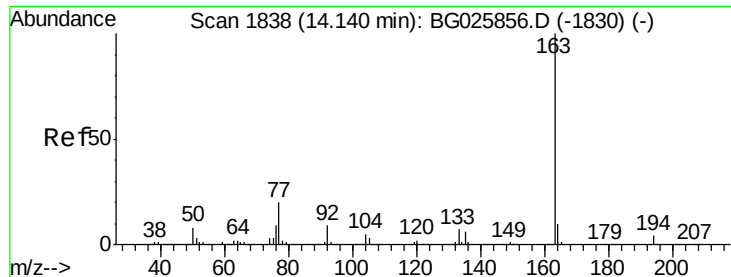
151 22.0 18.2 27.2

153 14.2 11.3 16.9



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





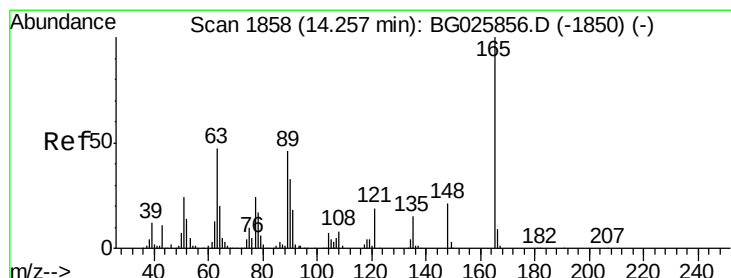
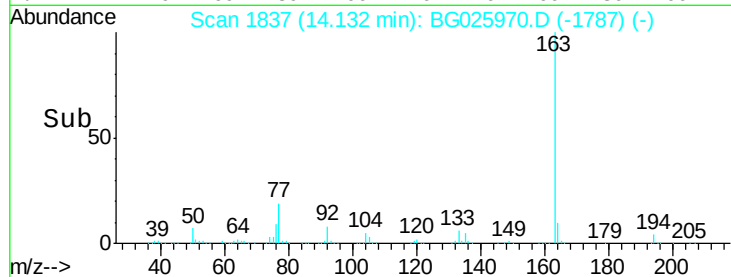
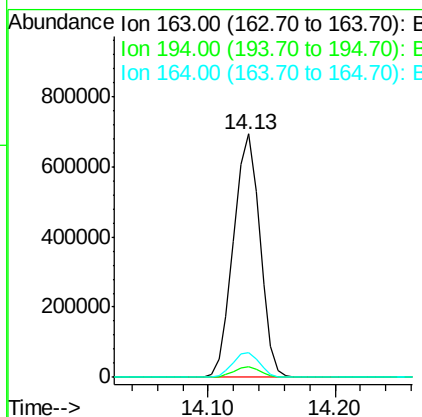
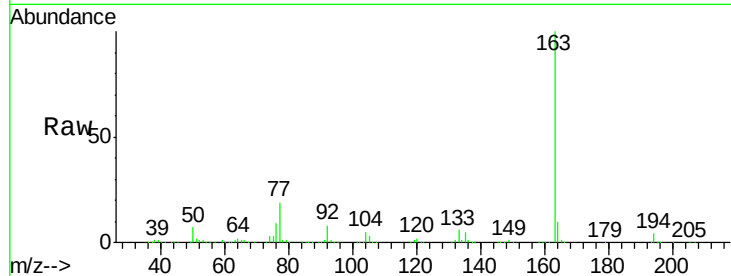
#49
Dimethylphthalate
Concen: 51.69 ng
RT: 14.13 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		999482		
194	4.5		3.8	5.6	
164	10.4		9.3	13.9	

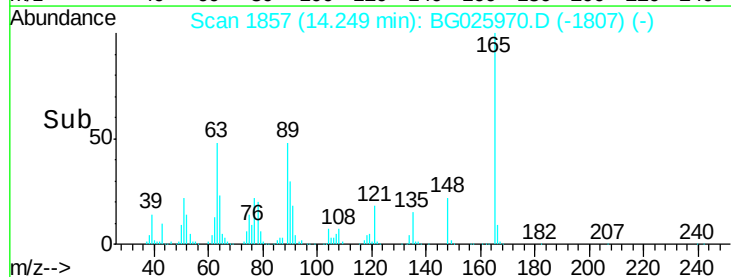
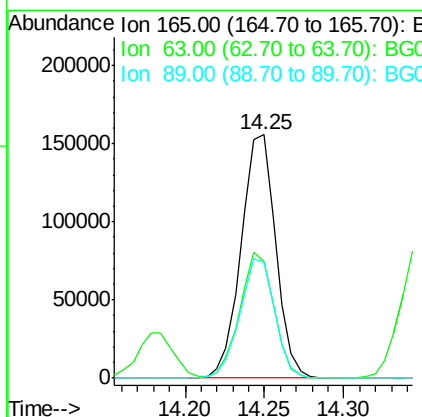
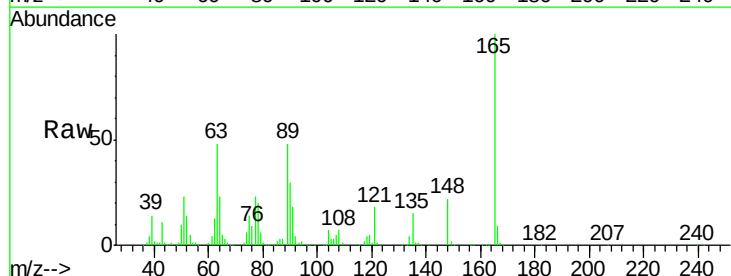
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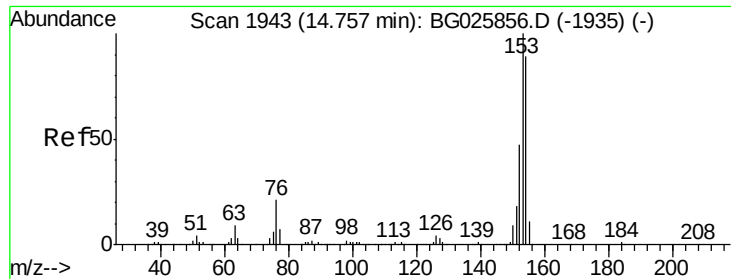
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#50
2,6-Dinitrotoluene
Concen: 54.31 ng
RT: 14.25 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235903		
63	48.0		63.9	95.9#	
89	47.5		58.6	88.0#	





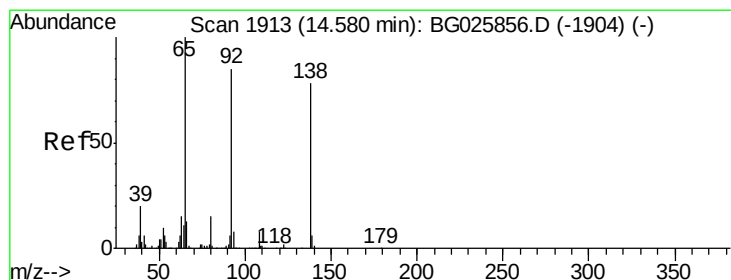
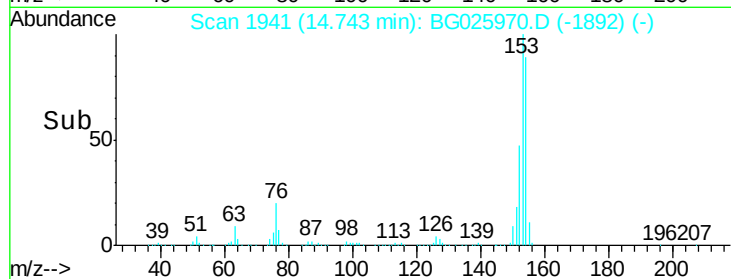
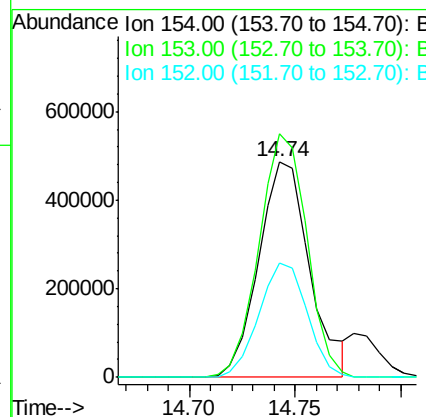
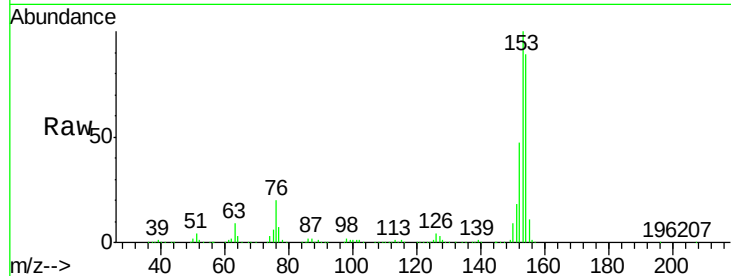
#51
Acenaphthene
Concen: 47.04 ng
RT: 14.74 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.8	131.6
152	53.0	42.2	63.4

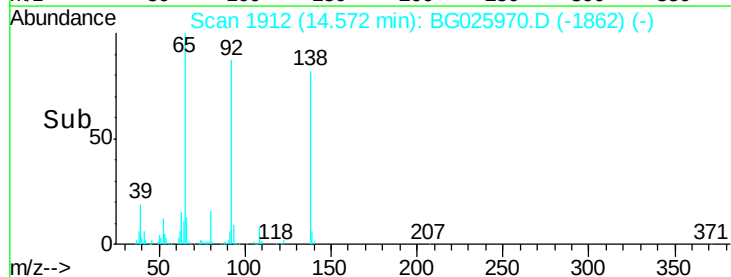
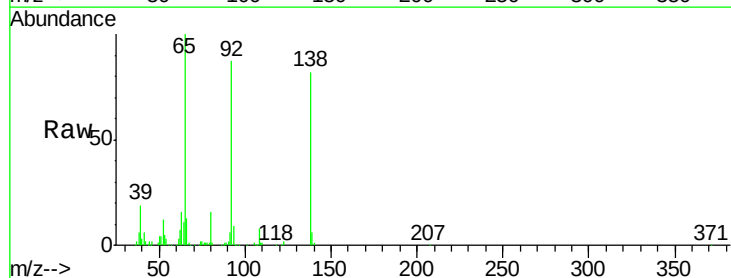
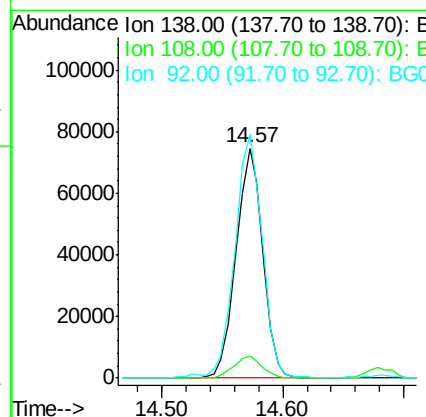
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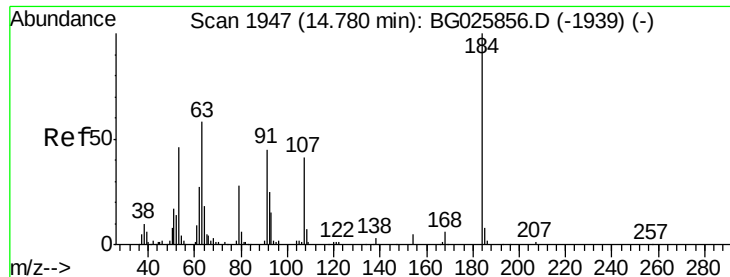
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#52
3-Nitroaniline
Concen: 23.63 ng
RT: 14.57 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	10.9	16.3#
92	105.9	115.3	172.9#





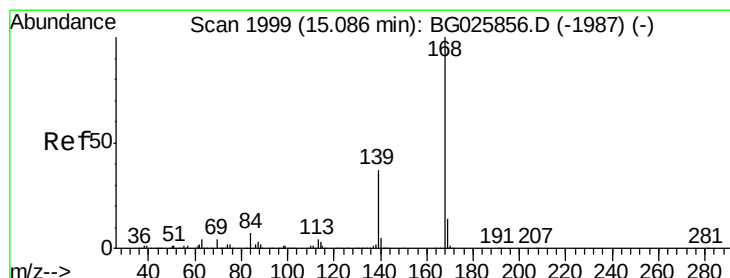
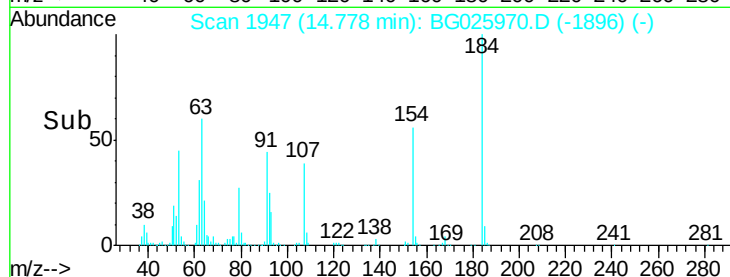
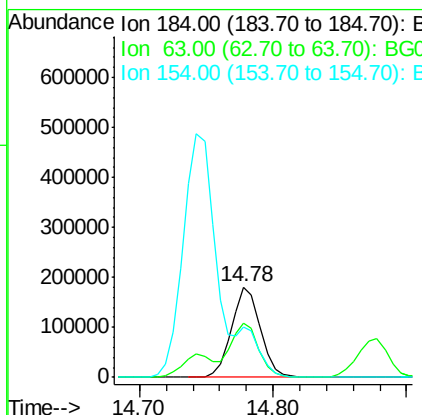
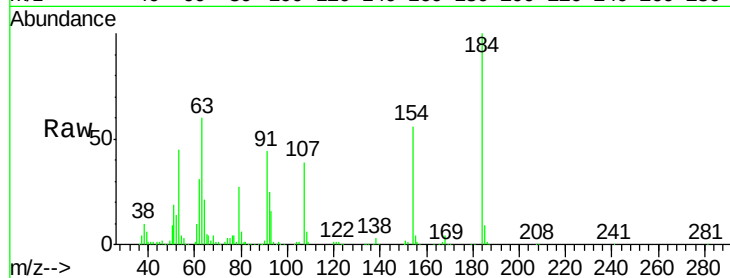
#53
2,4-Dinitrophenol
Concen: 120.01 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.5	52.7	79.1
154	55.6	57.3	85.9

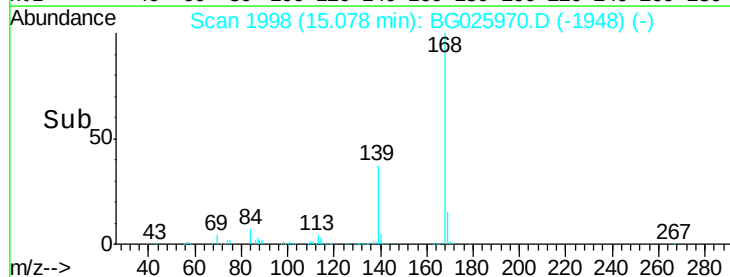
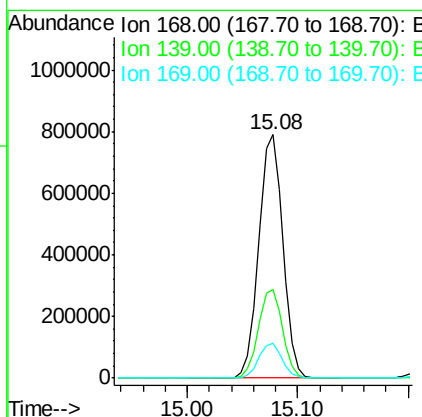
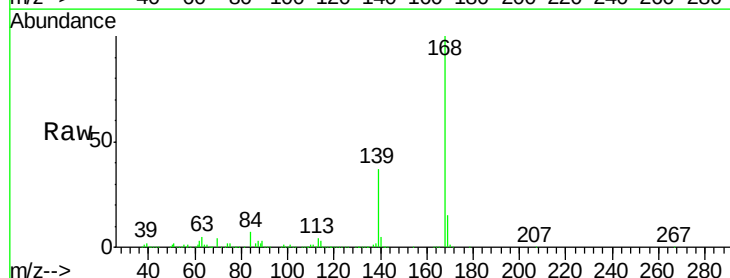
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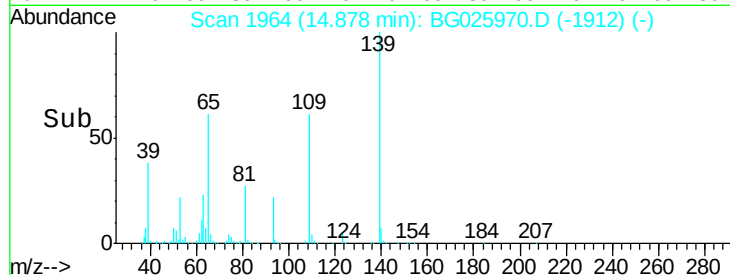
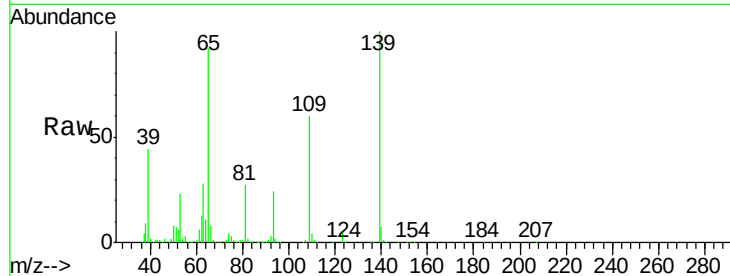
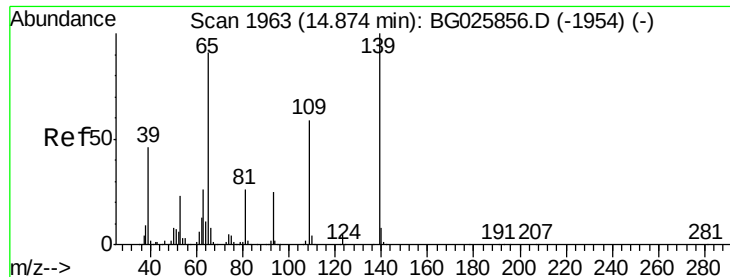
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#54
Dibenzofuran
Concen: 52.31 ng
RT: 15.08 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	35.3	52.9
169	14.6	11.5	17.3





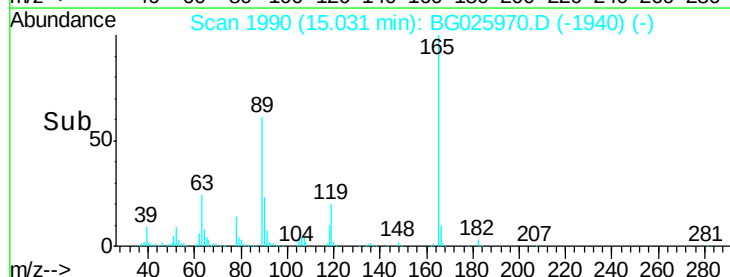
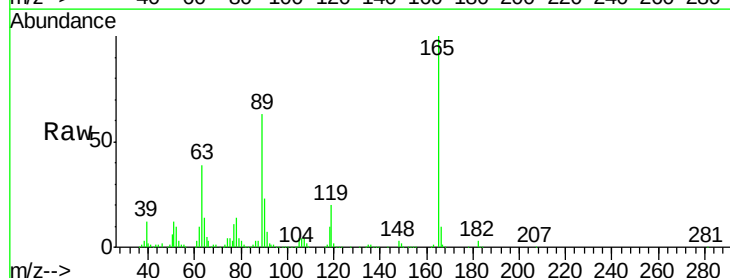
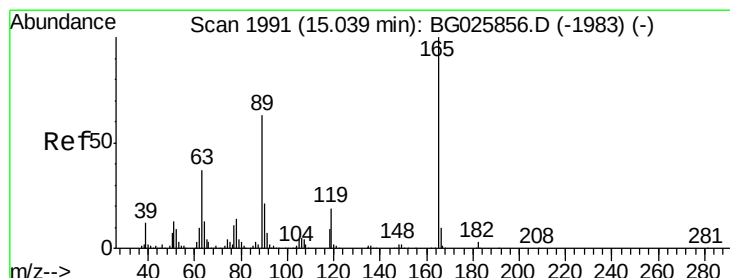
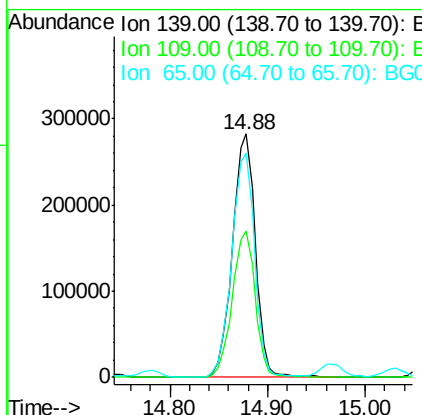
#55
4-Nitrophenol
Concen: 116.80 ng
RT: 14.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.1	101.2	141.2#
65	91.9	135.3	175.3#

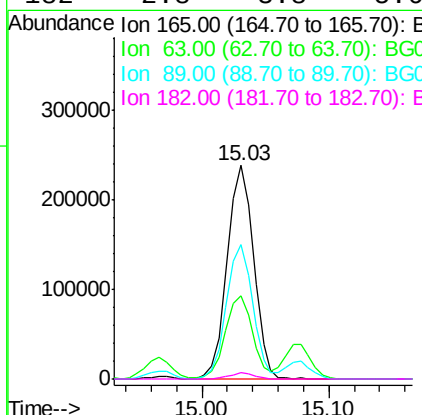
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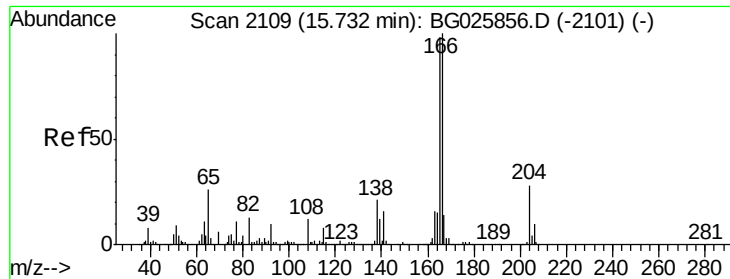
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3/1/2017 12:37:40 PM



#56
2,4-Dinitrotoluene
Concen: 58.77 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	44.0	66.0#
89	62.7	67.3	100.9#
182	2.8	3.8	5.6#





#57

Fluorene

Concen: 49.55 ng

RT: 15.72 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tot Ion:166 Resp: 1024907

Ion Ratio Lower Upper

166 100

165 100.3 78.6 117.8

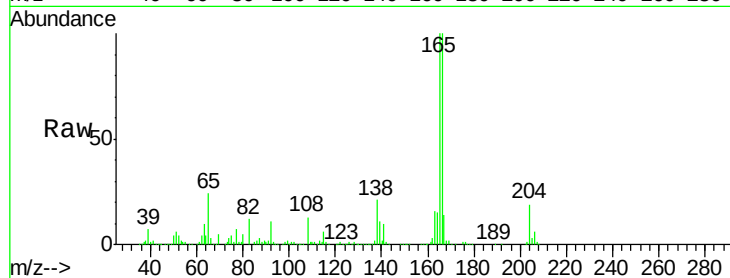
167 13.9 11.6 17.4

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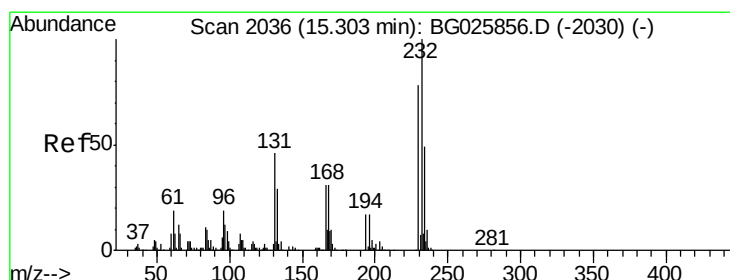
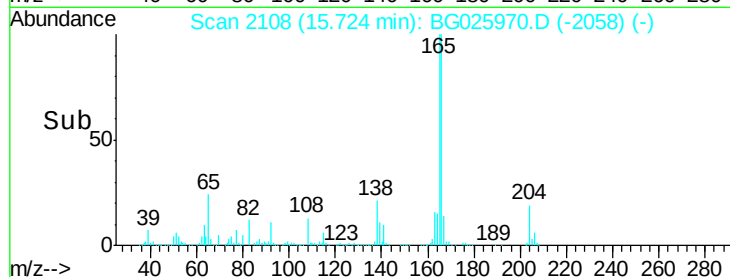
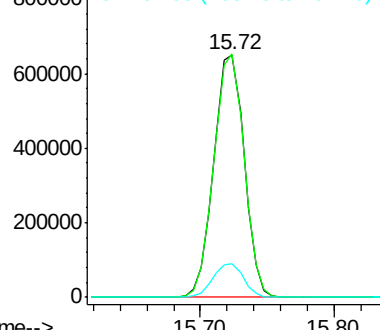


Abundance

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: 62.39 ng

RT: 15.30 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:232 Resp: 285078

Ion Ratio Lower Upper

232 100

131 44.2 34.9 52.3

130 2.6 2.3 3.5

166 31.4 24.2 36.4

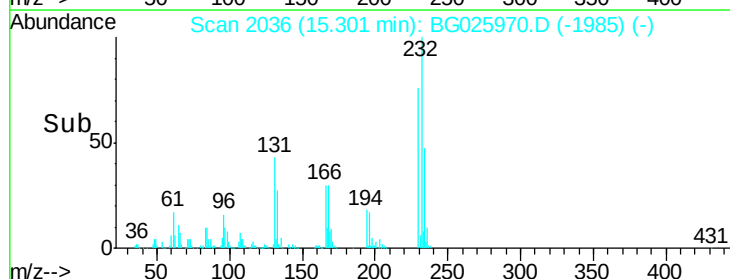
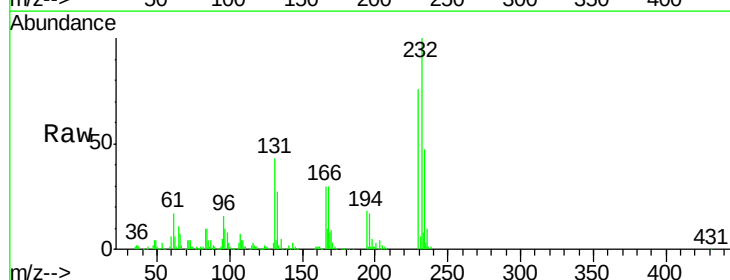
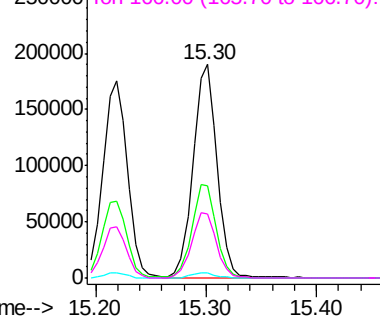
Abundance

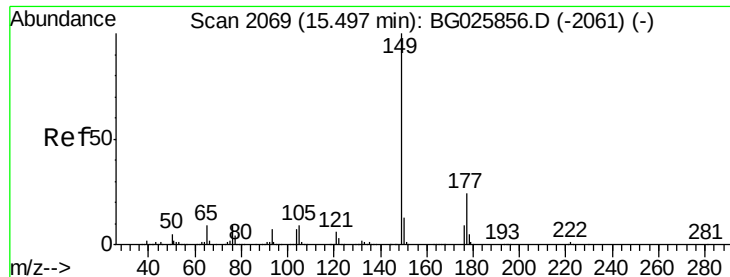
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





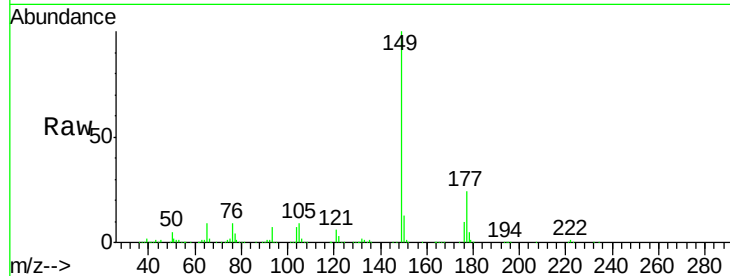
#59
Diethylphthalate
Concen: 53.32 ng
RT: 15.49 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampled :
PB97196BS

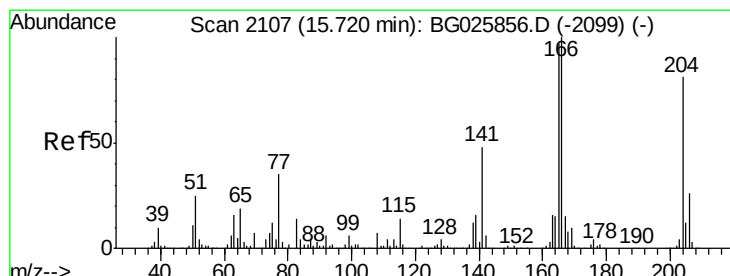
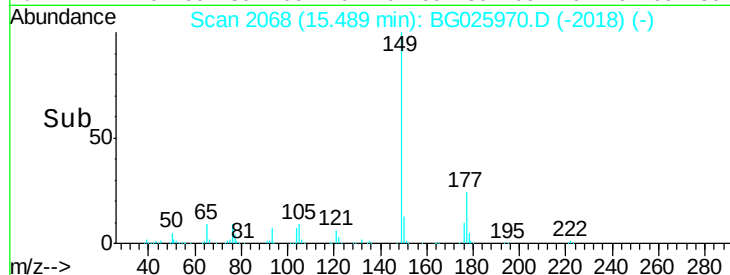
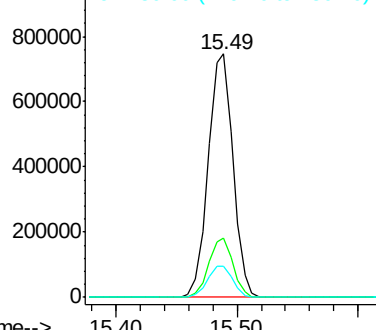
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
177	24.1	20.1	30.1	
150	12.9	10.2	15.2	

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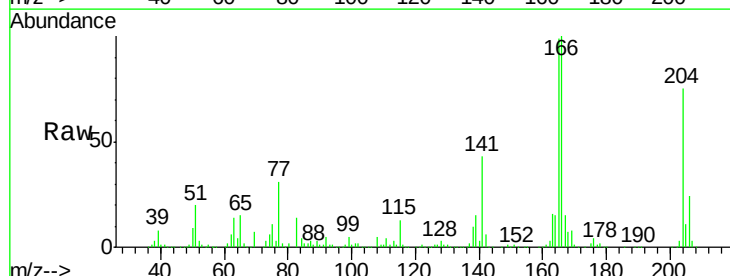


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

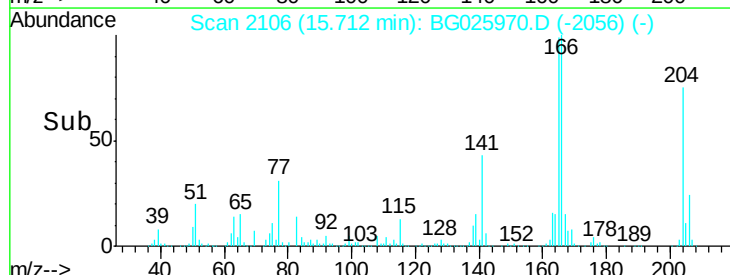
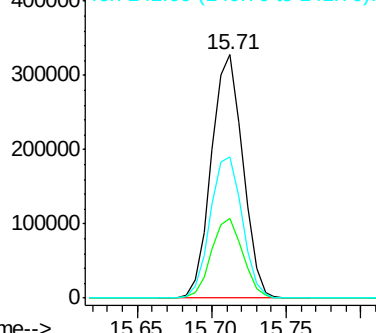


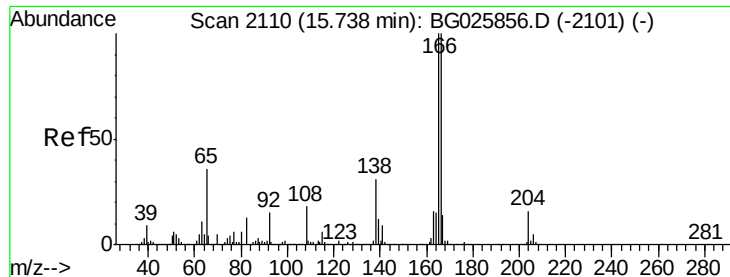
#60
4-Chlorophenyl-phenylether
Concen: 49.87 ng
RT: 15.71 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
204	100			
206	32.7	30.1	45.1	
141	58.0	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





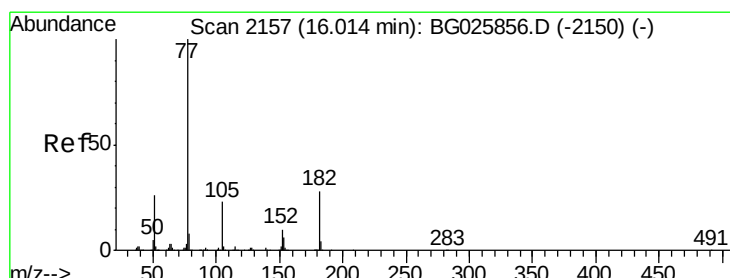
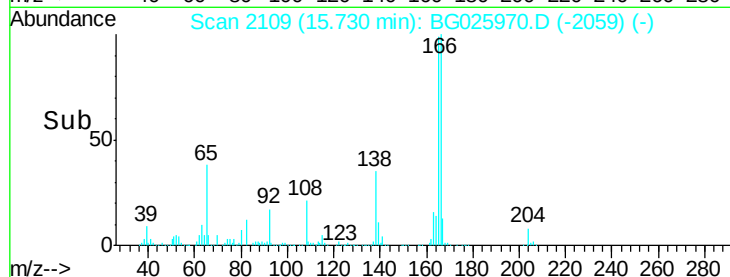
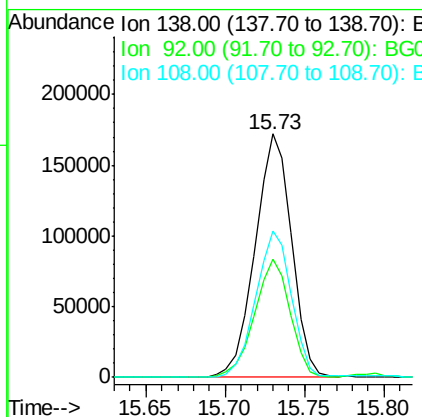
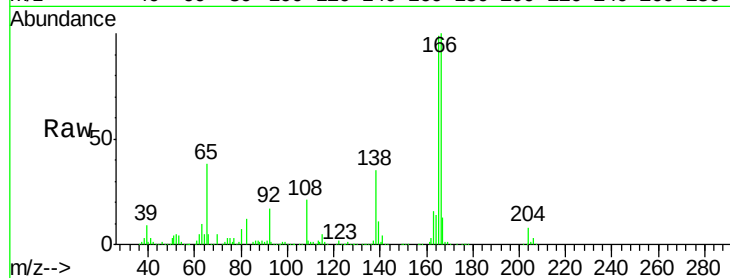
#61
4-Nitroaniline
Concen: 54.65 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	275268		
92	48.7	44.2	84.2	
108	60.0	104.8	144.8	

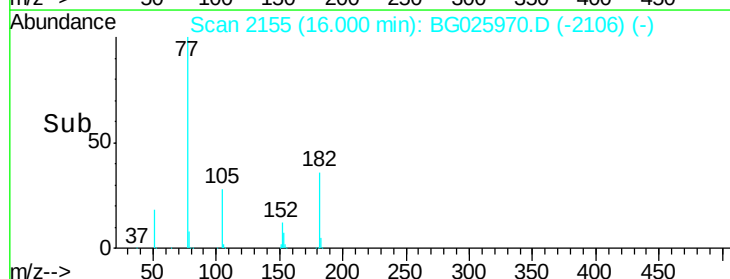
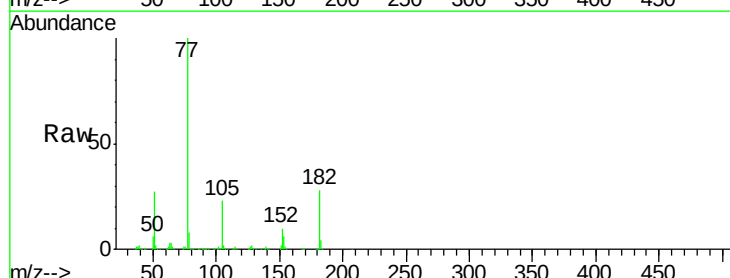
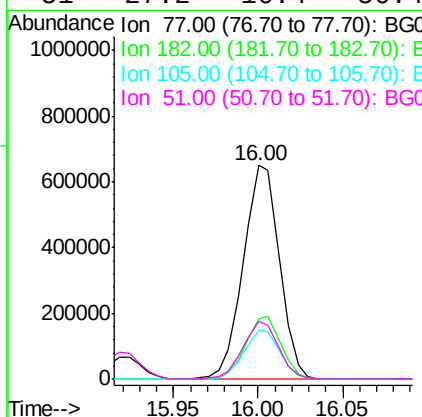
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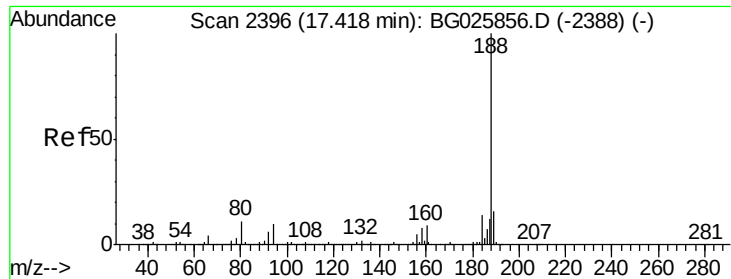
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#62
Azobenzene
Concen: 56.23 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	966715		
182	28.4	4.7	44.7	
105	22.7	0.0	36.3	
51	27.2	16.4	56.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

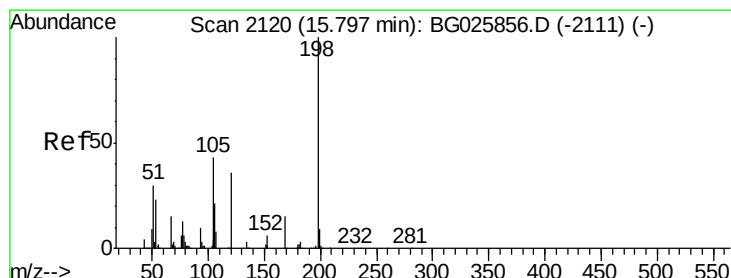
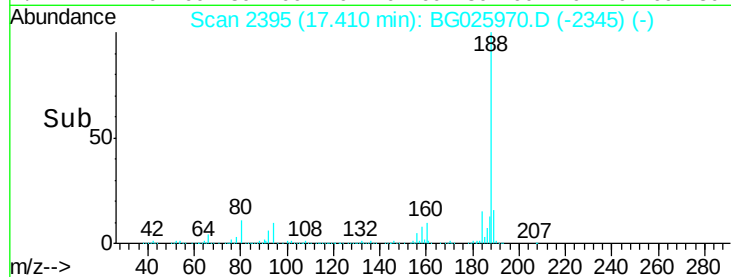
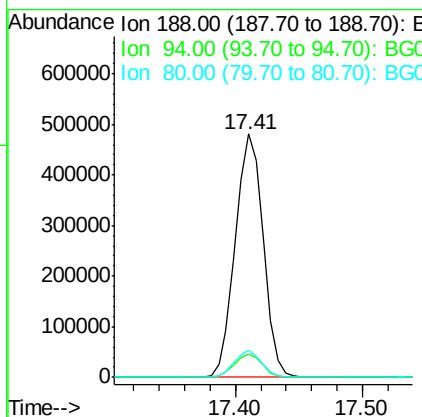
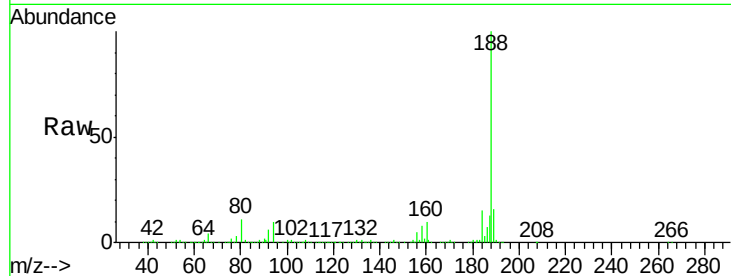
ClientSampleId :

PB97196BS

Tot Ion:	188	Resp:	730513
Ion Ratio	Lower	Upper	
188	100		
94	9.7	5.8	8.8#
80	11.3	7.5	11.3#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.33 ng

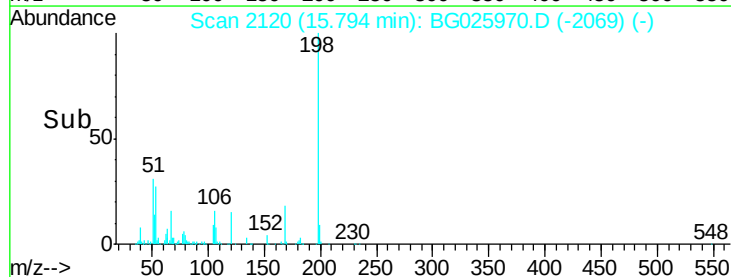
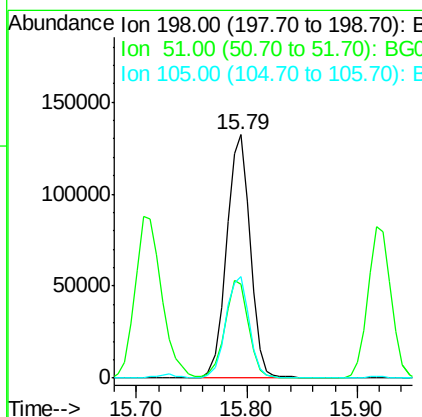
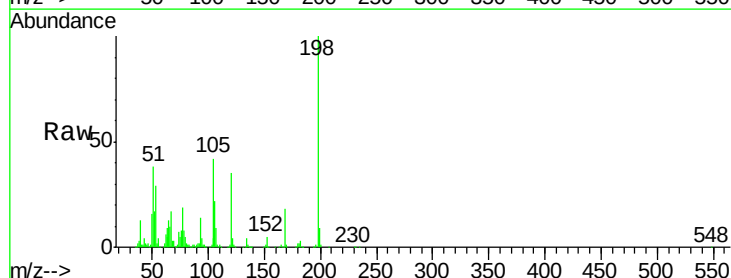
RT: 15.79 min Scan# 2120

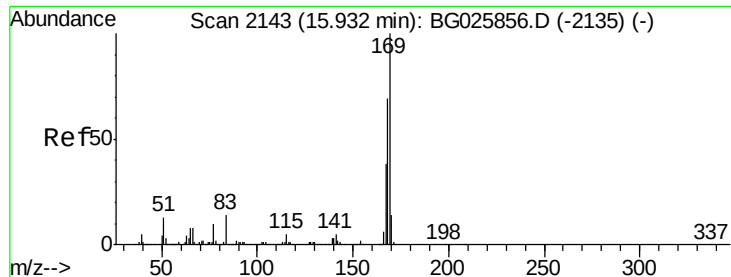
Delta R.T. -0.00 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion:	198	Resp:	198072
Ion Ratio	Lower	Upper	
198	100		
51	38.4	22.6	62.6
105	41.8	14.4	54.4





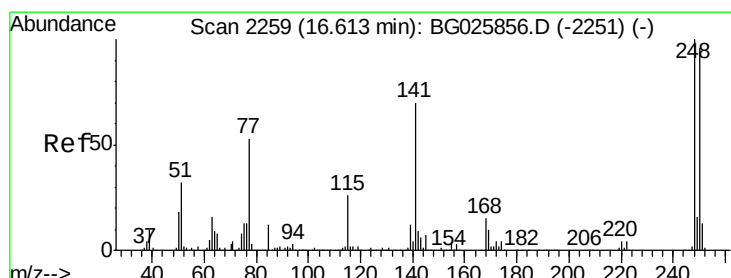
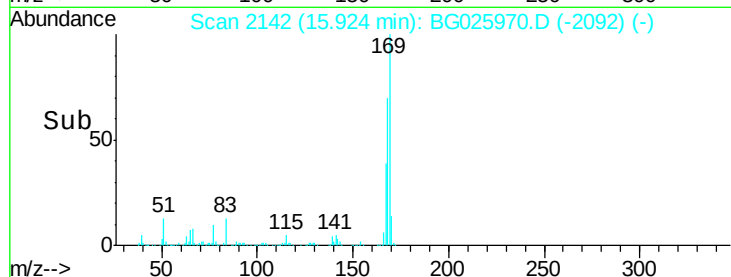
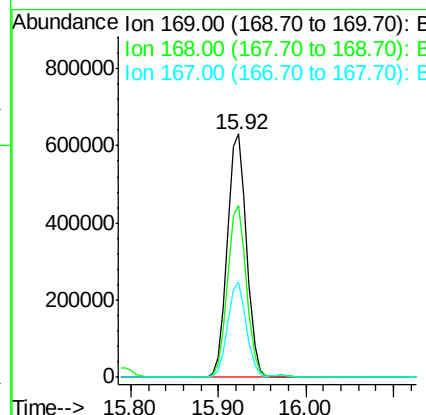
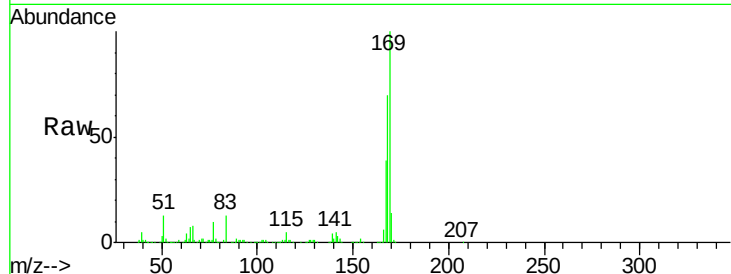
#65
n-Nitrosodiphenylamine
Concen: 42.92 ng
RT: 15.92 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.7	83.5
167	39.0	29.8	44.6

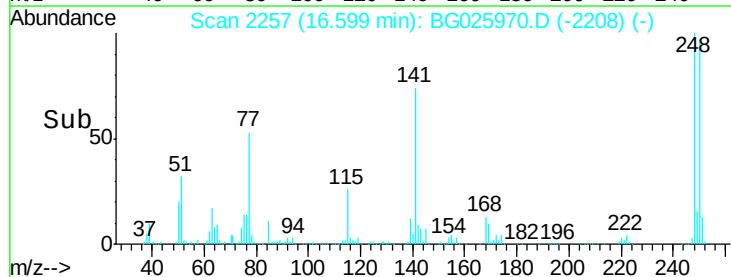
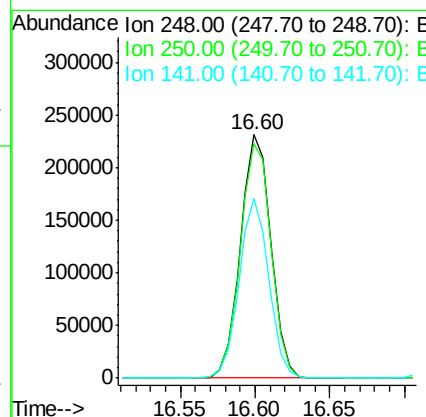
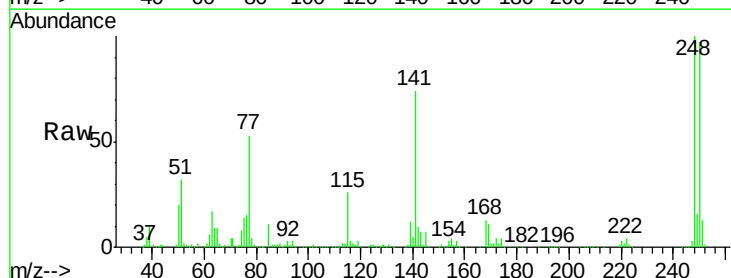
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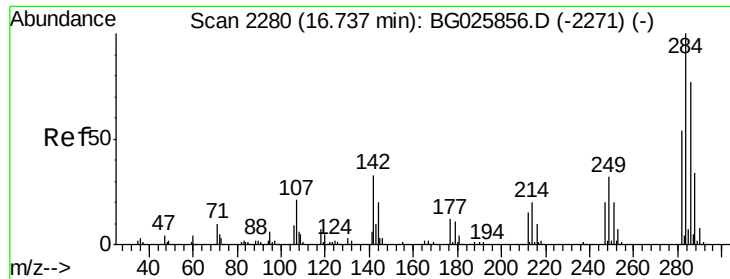
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#66
4-Bromophenyl-phenylether
Concen: 42.71 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	75.0	112.6
141	73.8	55.2	82.8





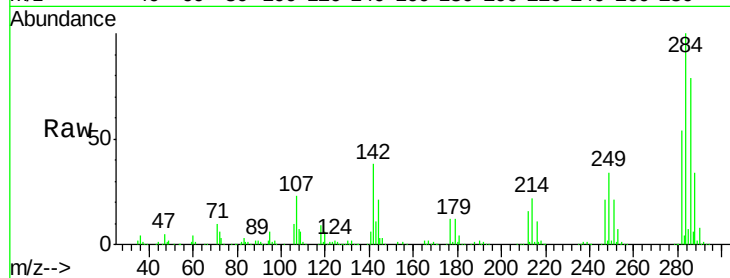
#67
Hexachlorobenzene
Concen: 42.79 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

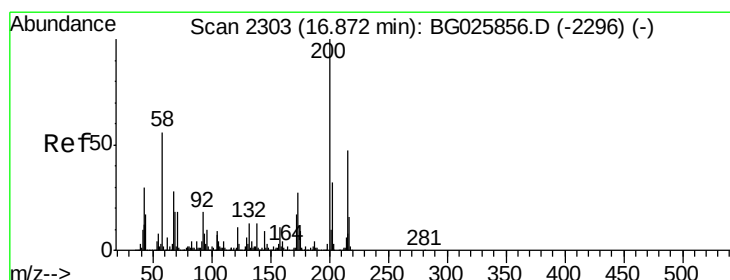
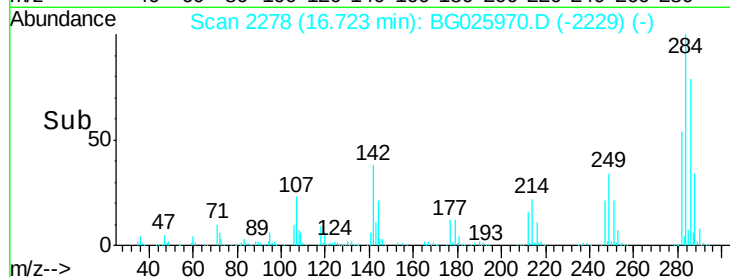
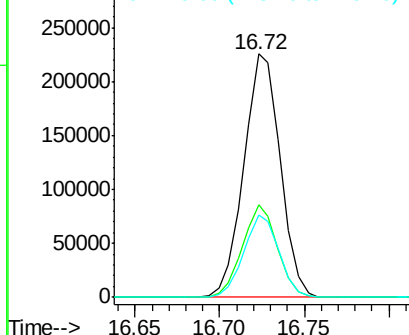
Tot Ion	Ratio	Resp	Lower	Upper
284	100	337638		
142	37.8	29.9	44.9	
249	33.9	29.2	43.8	

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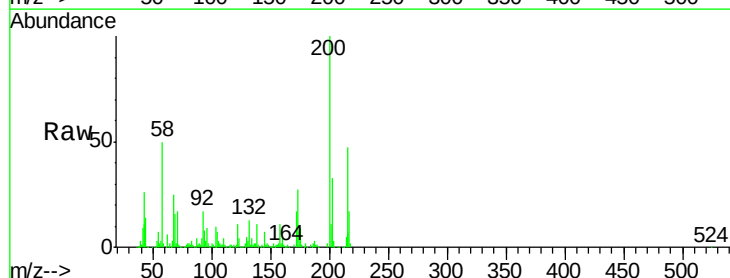


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

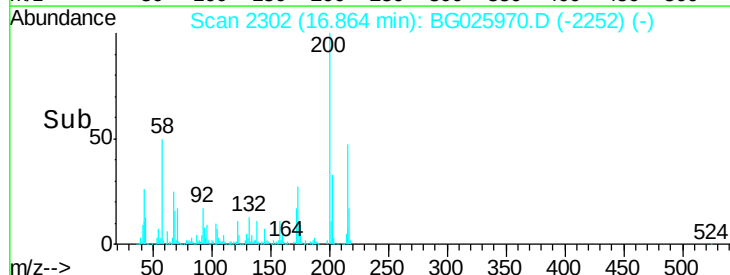
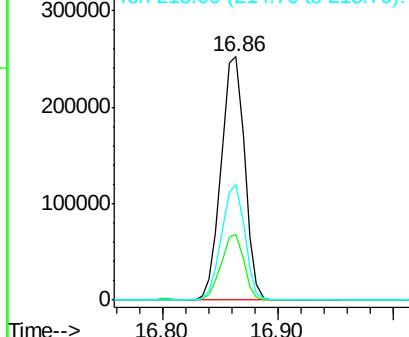


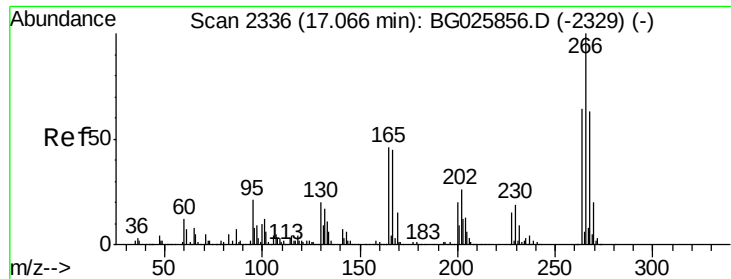
#68
Atrazine
Concen: 45.55 ng
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	357157		
173	27.0	3.0	43.0	
215	47.3	28.4	68.4	



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





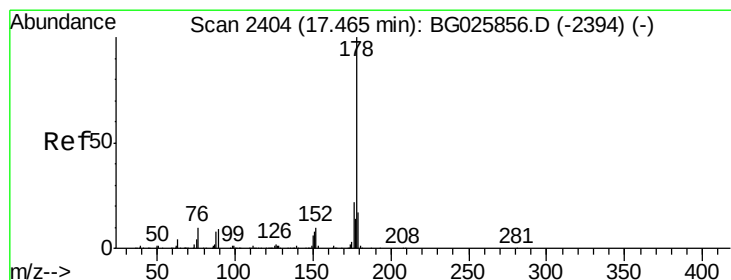
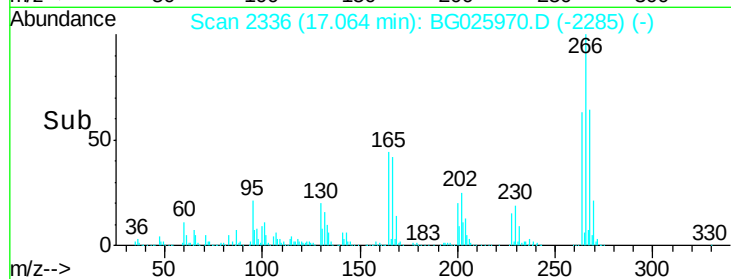
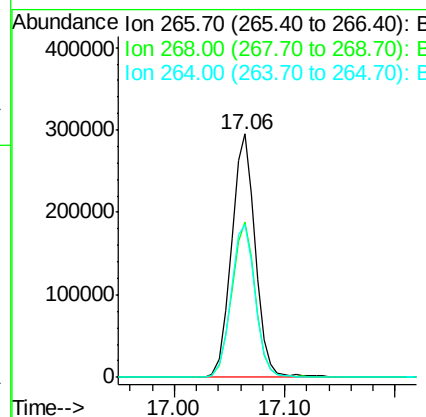
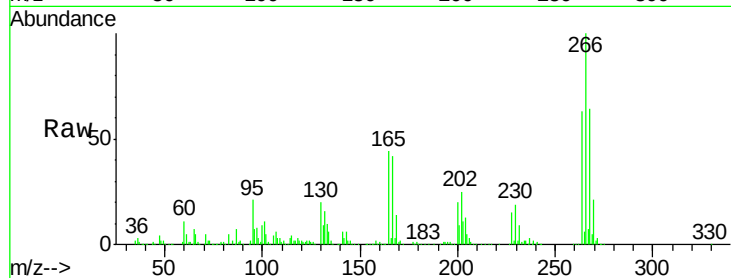
#69
 Pentachlorophenol
 Concen: 91.26 ng
 RT: 17.06 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	48.6	72.8
264	62.7	50.1	75.1

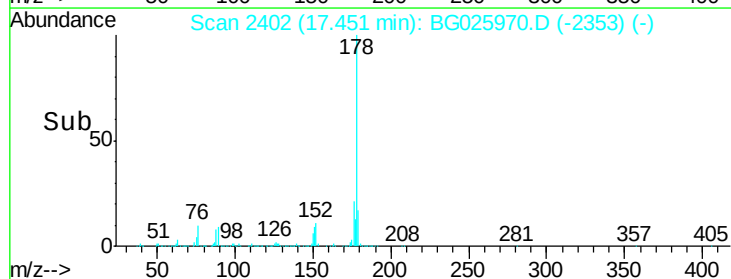
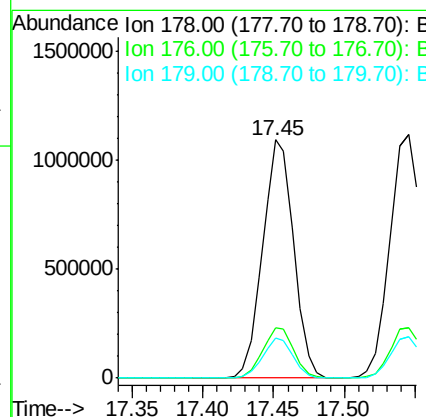
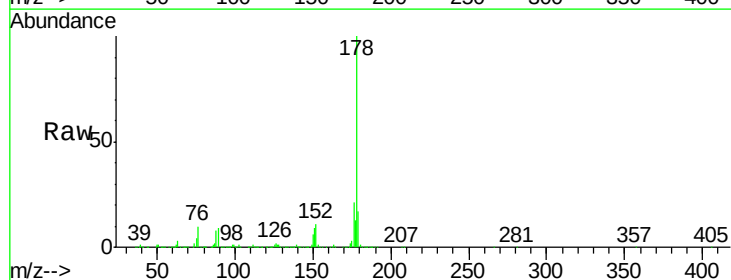
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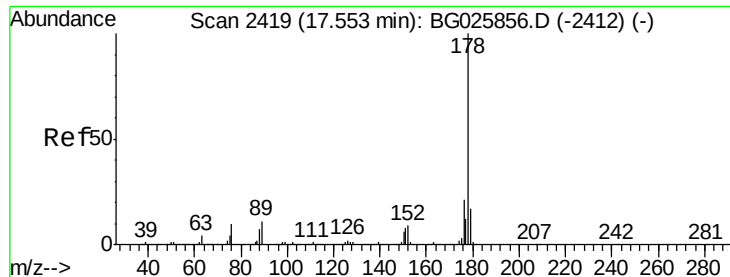
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#70
 Phenanthrene
 Concen: 42.53 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.8	15.0	22.6





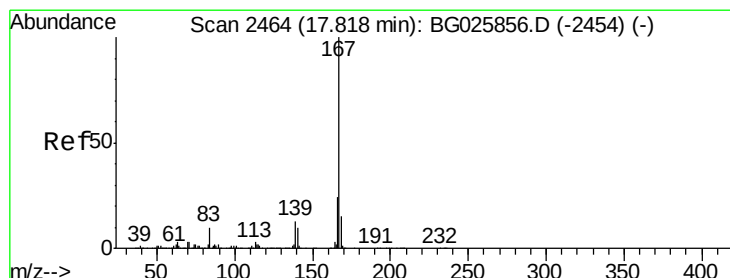
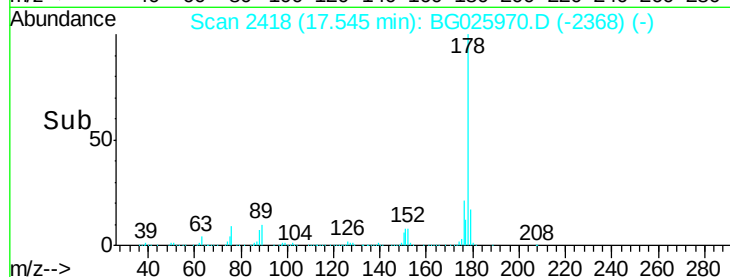
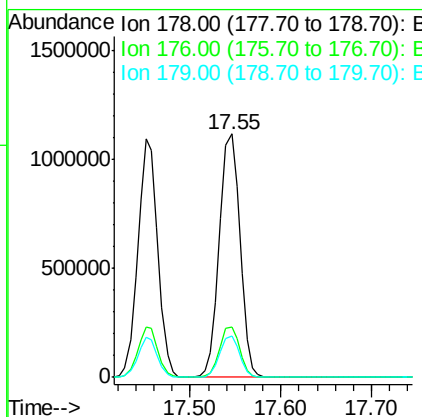
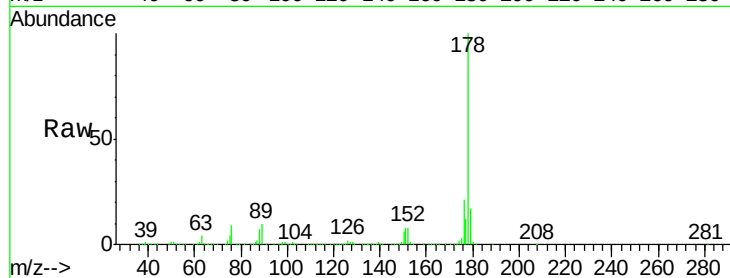
#71
 Anthracene
 Concen: 43.65 ng
 RT: 17.55 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	16.9	13.8	20.8

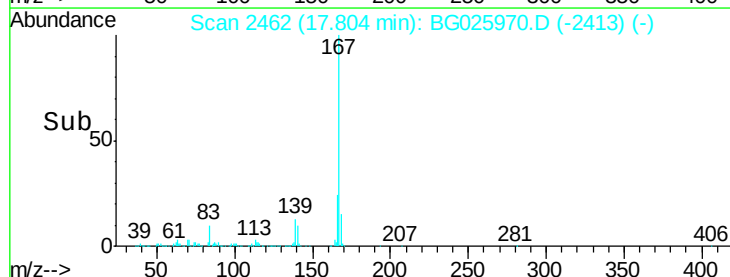
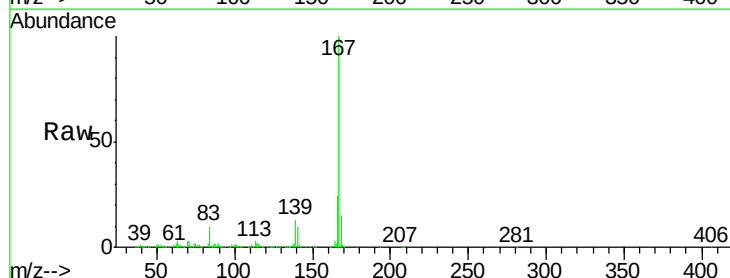
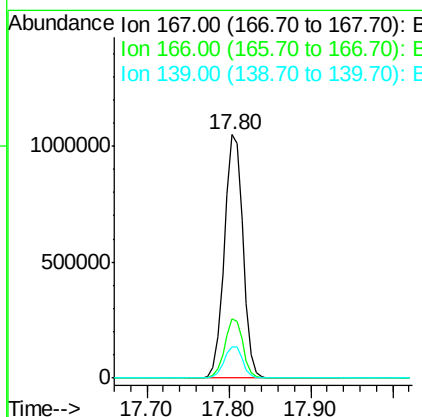
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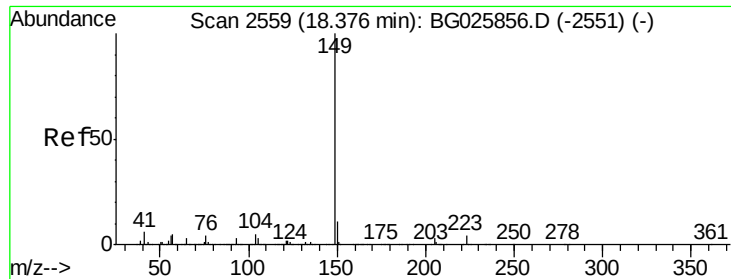
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#72
 Carbazole
 Concen: 40.67 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	20.2	30.2
139	12.8	12.8	19.2





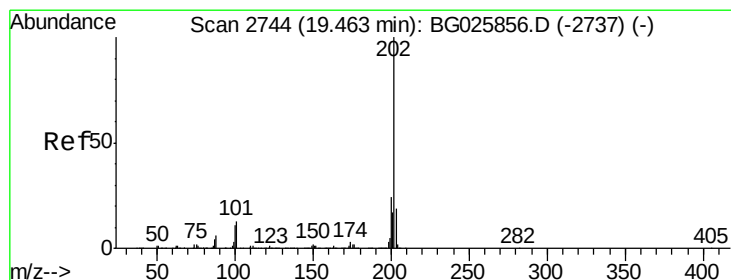
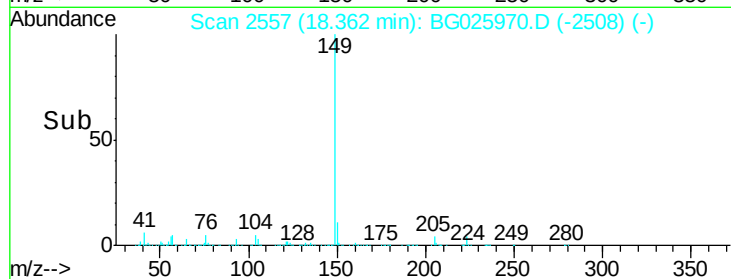
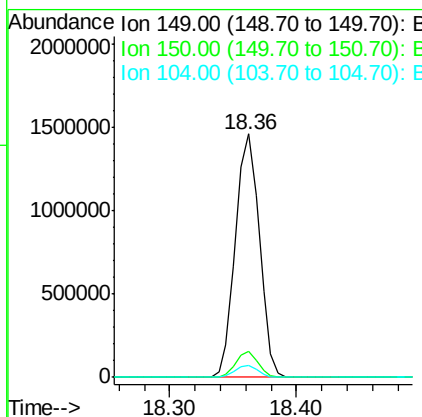
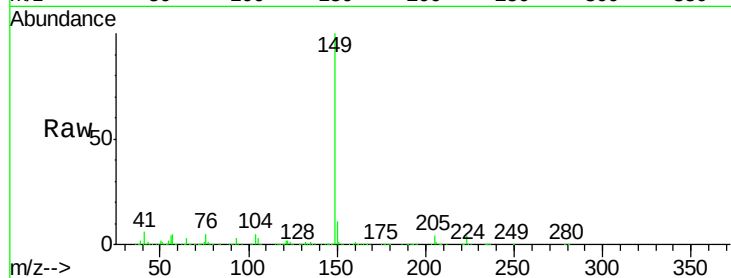
#73
Di-n-butylphthalate
Concen: 47.80 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.1	13.7
104	4.7	6.7	10.1

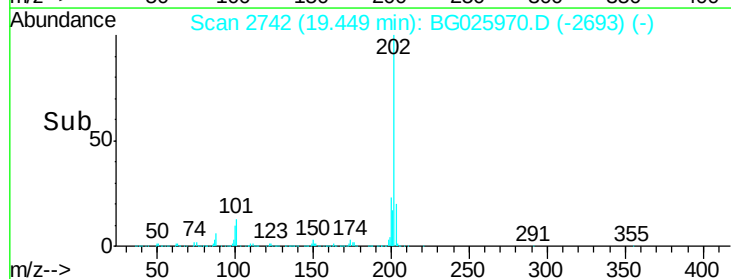
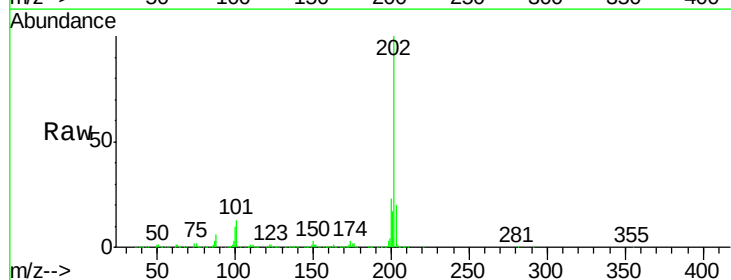
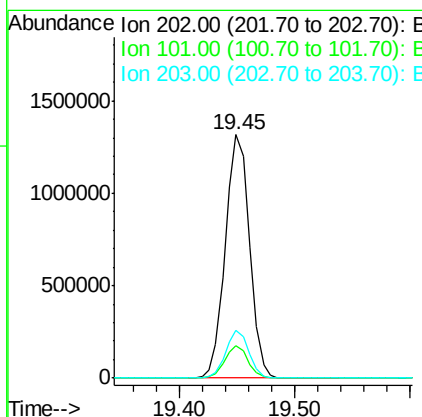
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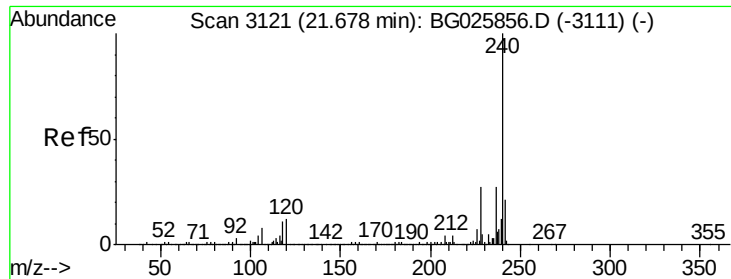
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#74
Fluoranthene
Concen: 43.63 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.1
203	19.8	1.3	41.3





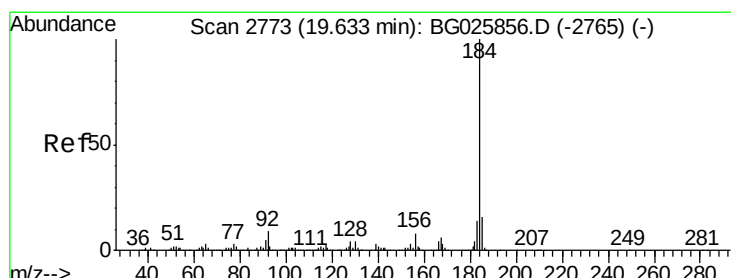
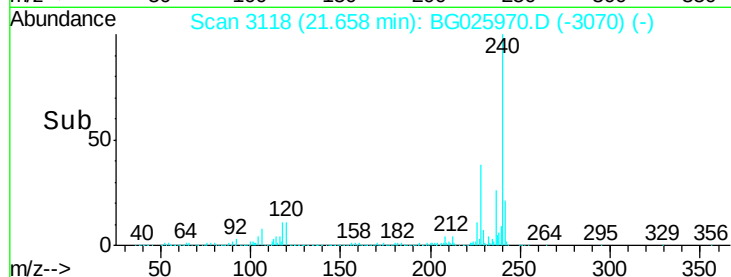
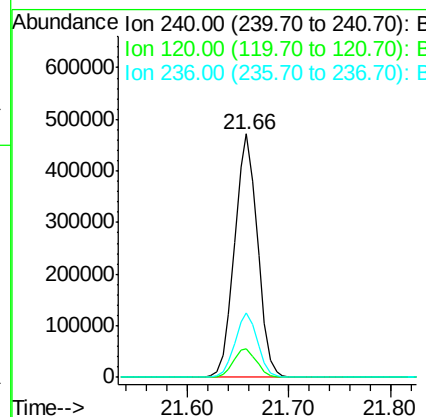
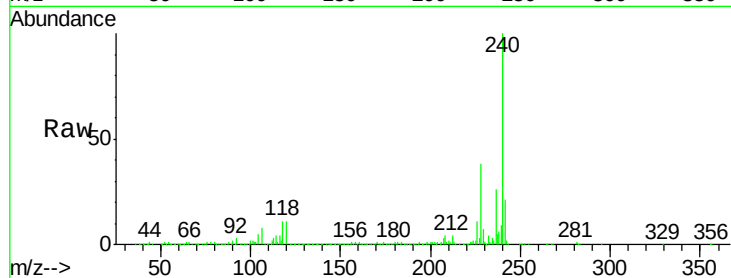
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.66 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	26.3	22.2	33.4

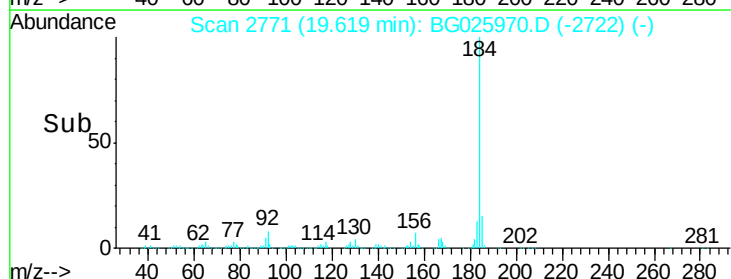
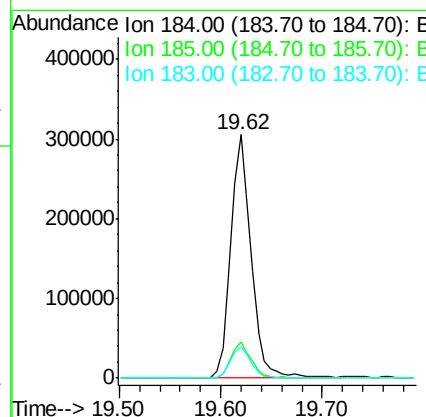
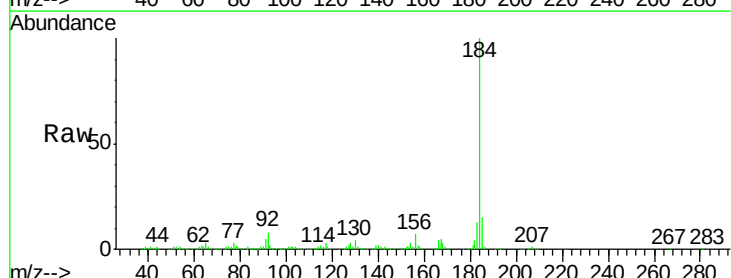
Manual Integrations
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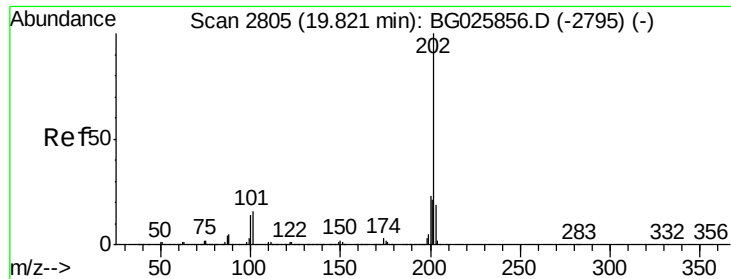
mohammad
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#76
 Benzidine
 Concen: 18.42 ng
 RT: 19.62 min Scan# 2771
 Delta R.T. -0.01 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.6
183	13.0	11.0	16.6





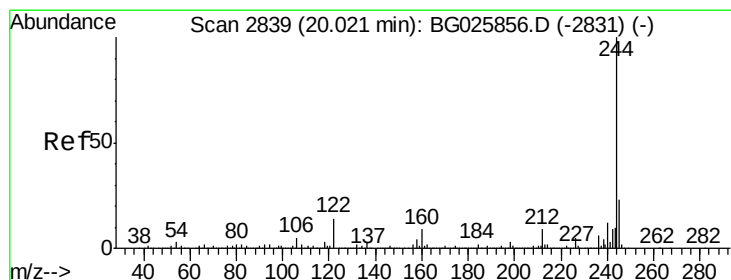
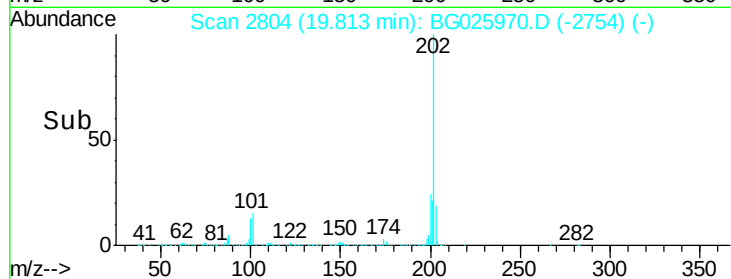
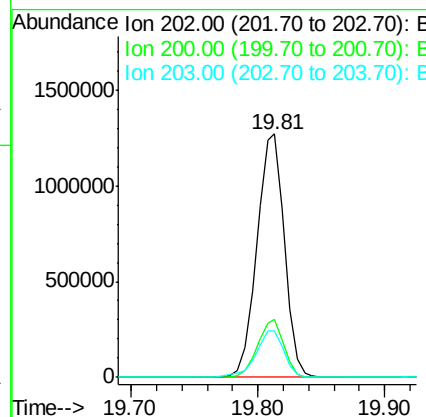
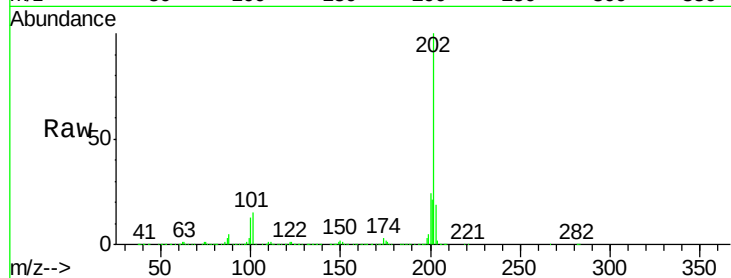
#77
Pvrene
Concen: 40.96 ng
RT: 19.81 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.6	29.4
203	19.3	15.8	23.8

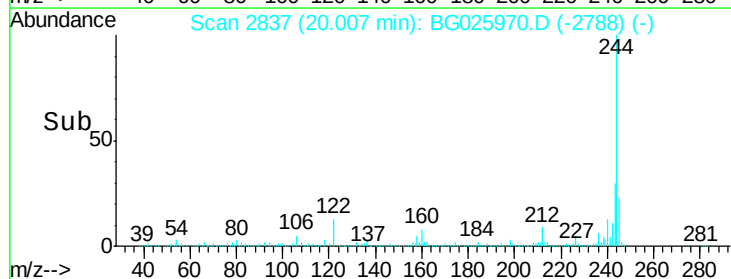
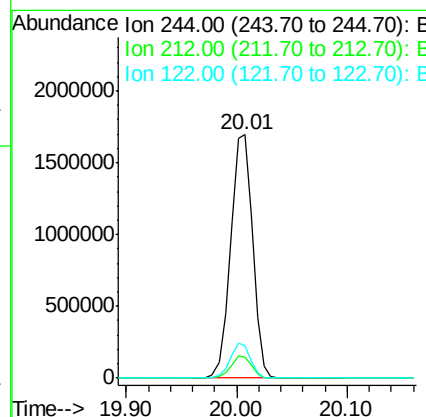
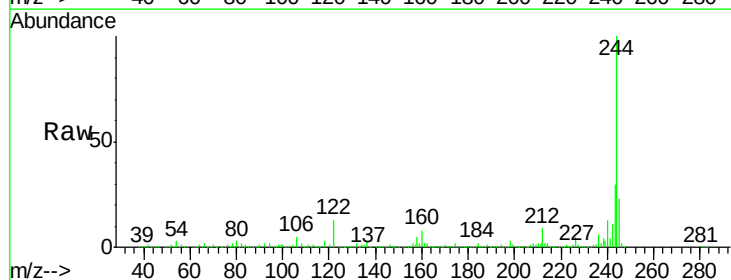
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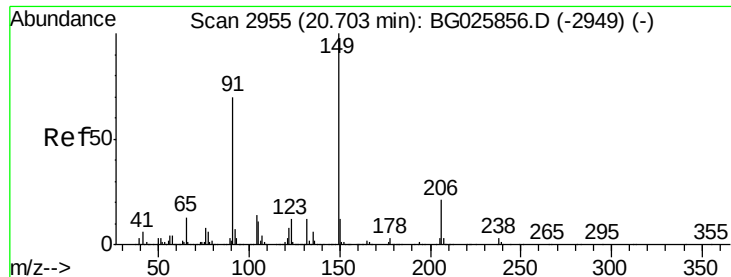
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#78
Terphenyl-d14
Concen: 77.88 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	13.2	8.6	12.8#





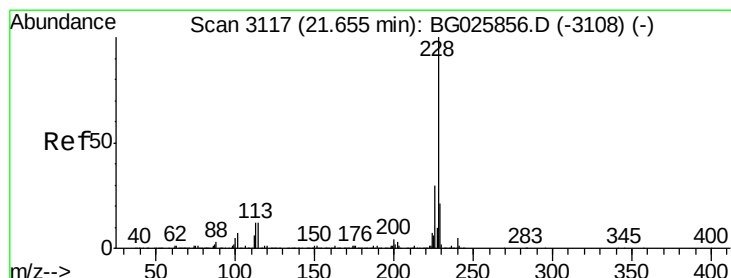
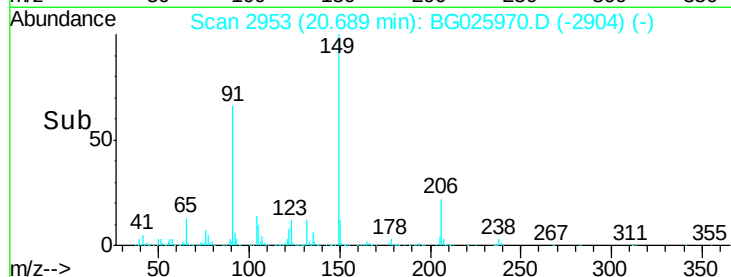
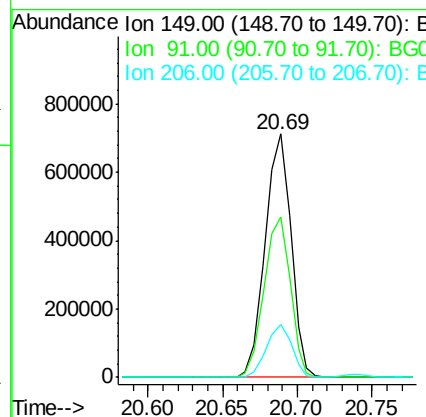
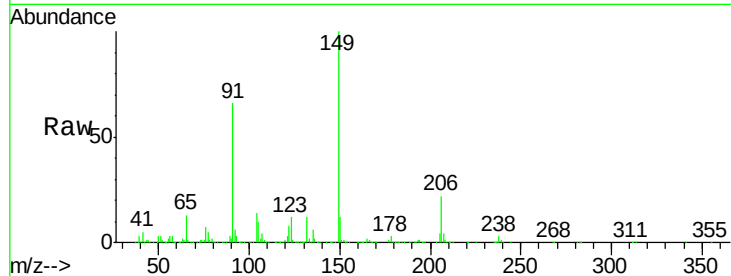
#79
Butylbenzylphthalate
Concen: 47.89 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	63.5	95.3
206	21.9	21.0	31.6

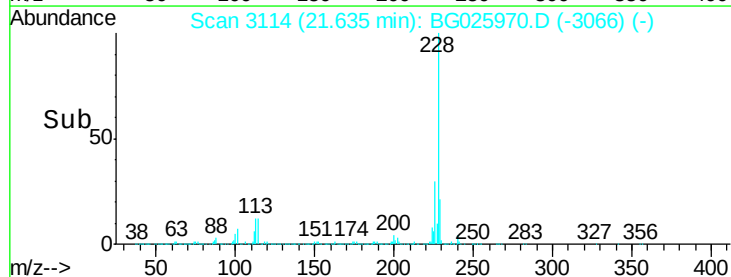
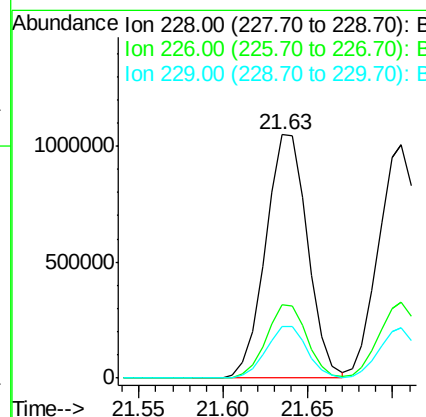
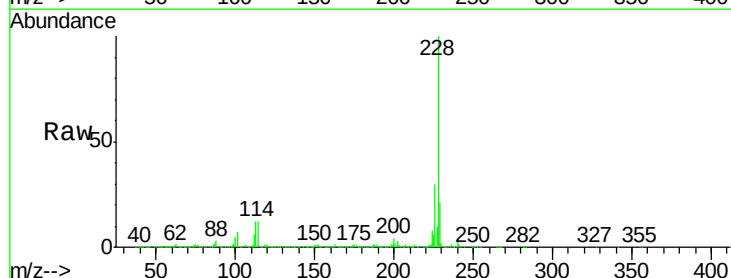
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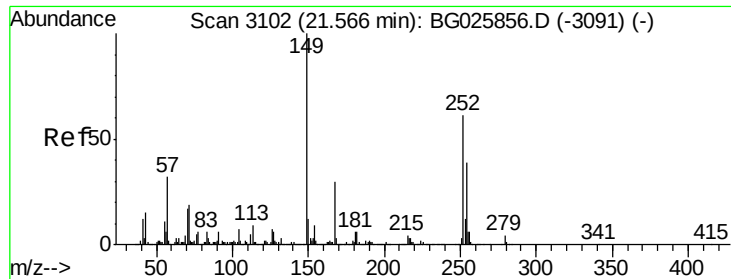
mohammad
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#80
Benzo(a)anthracene
Concen: 42.01 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.4	18.2	27.2





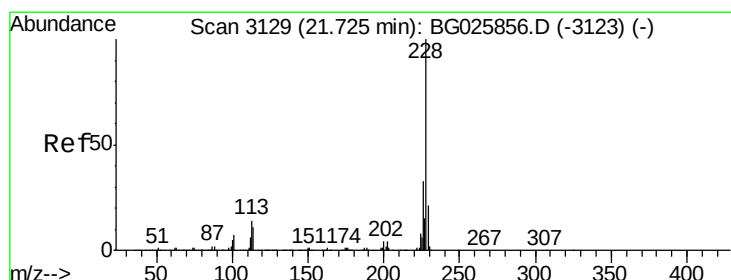
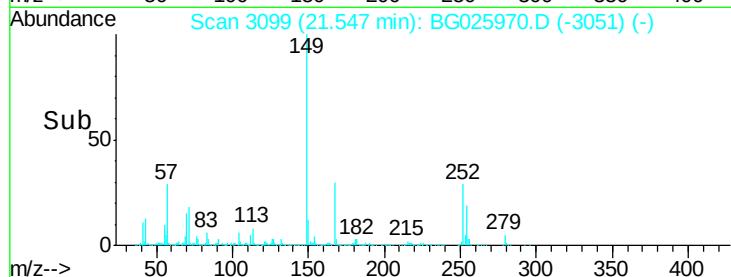
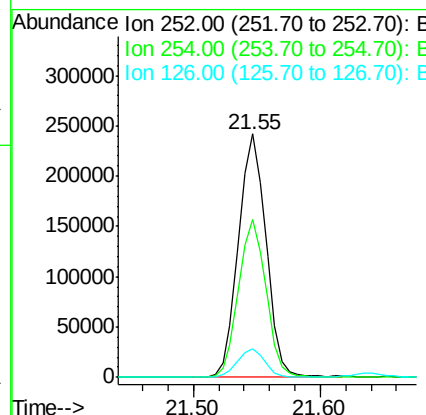
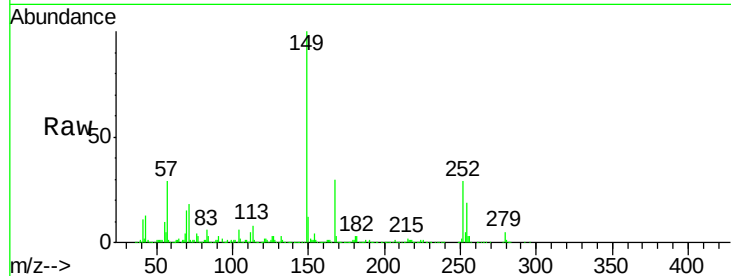
#81
 3,3'-Dichlorobenzidine
 Concen: 23.68 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.1	79.7
126	11.5	7.0	10.4

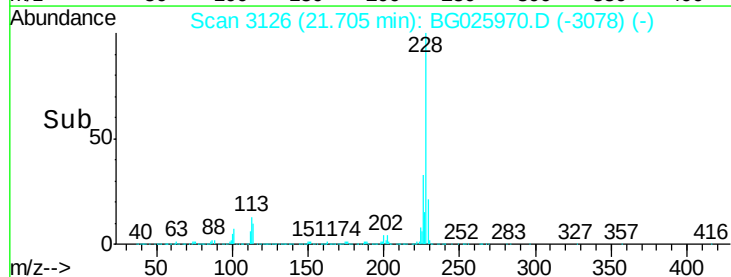
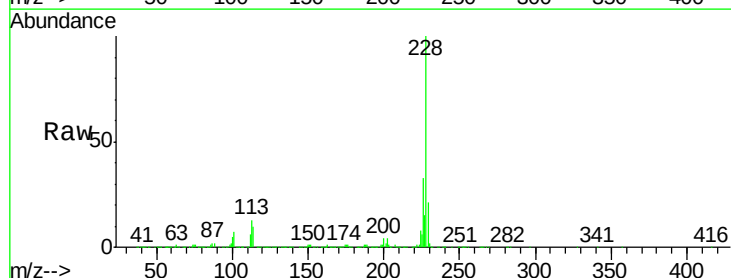
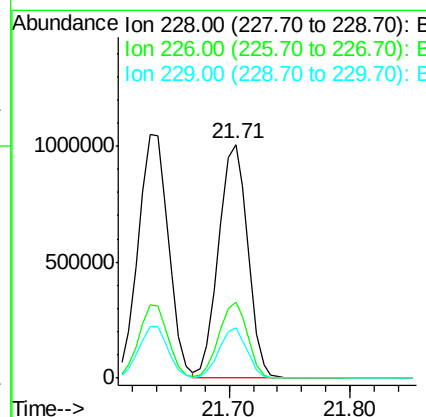
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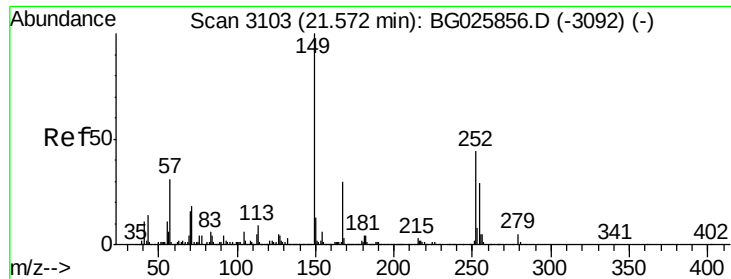
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#82
 Chrysene
 Concen: 40.30 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.0	40.4
229	21.3	17.8	26.6





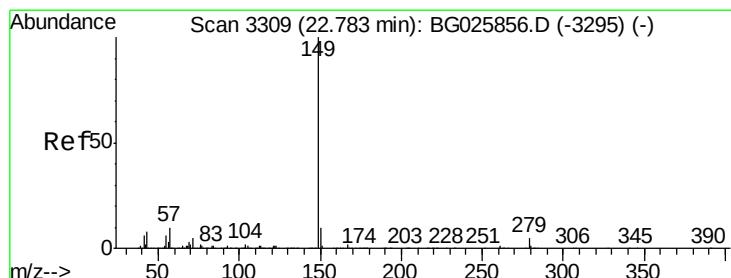
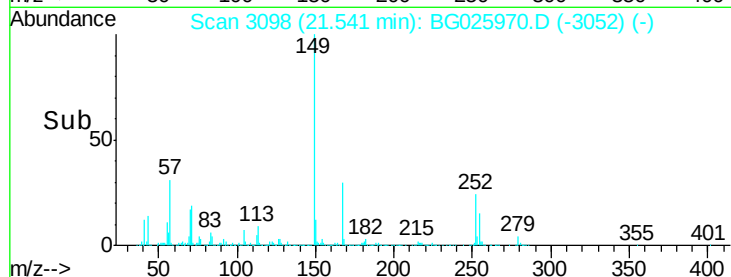
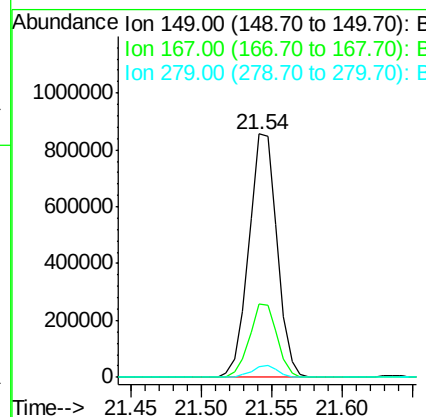
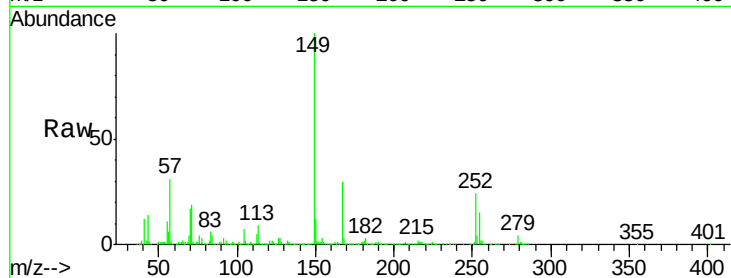
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.60 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampled :
 PB97196BS

Tot Ion:149 Resp: 1195690
 Ion Ratio Lower Upper
 149 100
 167 30.1 23.7 35.5
 279 4.4 4.6 6.8#

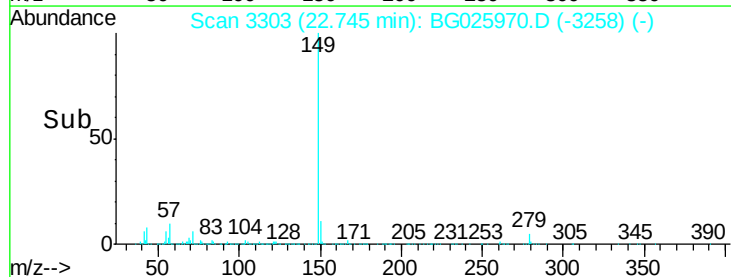
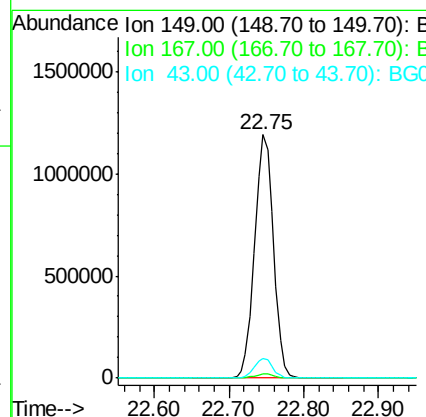
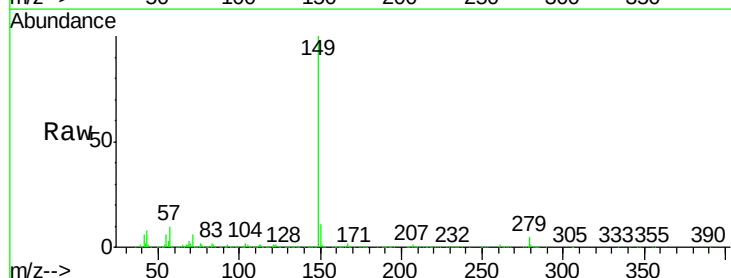
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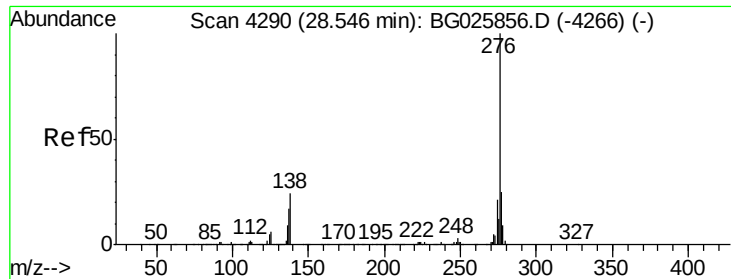
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#84
 Di-n-octyl phthalate
 Concen: 49.26 ng
 RT: 22.75 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Tgt Ion:149 Resp: 2087182
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 8.0 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.72 ng

RT: 28.50 min Scan# 4283

Delta R.T. -0.04 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB97196BS

Tot Ion:276 Resp: 2189614

Ion Ratio Lower Upper

276 100

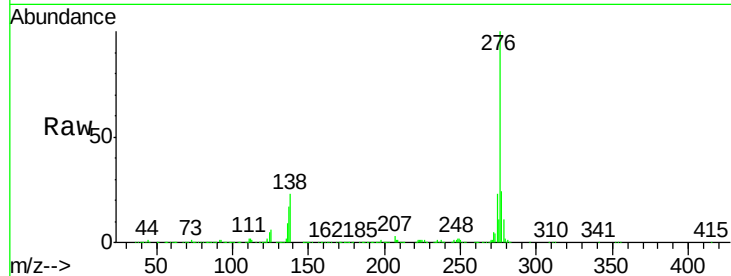
138 28.0 4.7 7.1#

277 26.3 20.6 31.0

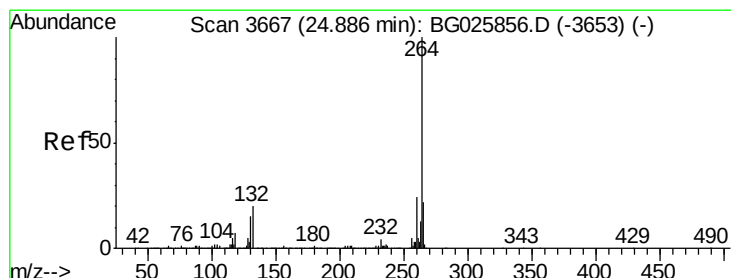
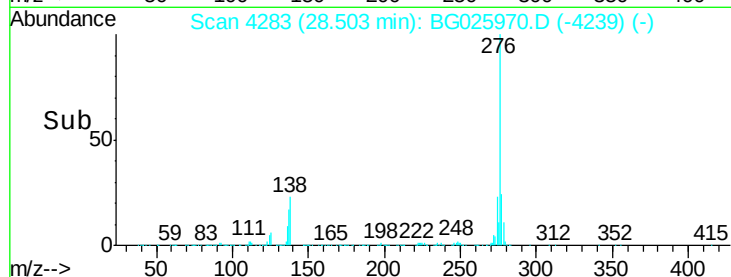
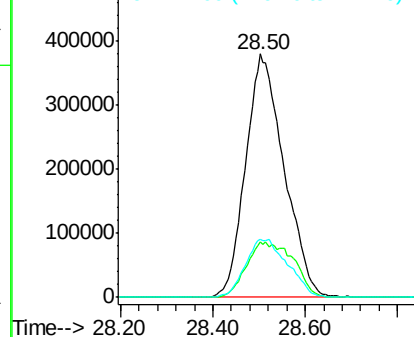
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

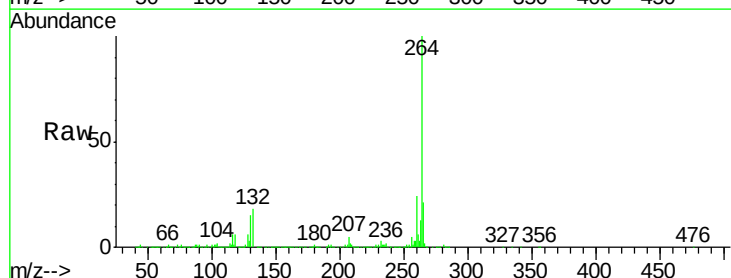
Tgt Ion:264 Resp: 735212

Ion Ratio Lower Upper

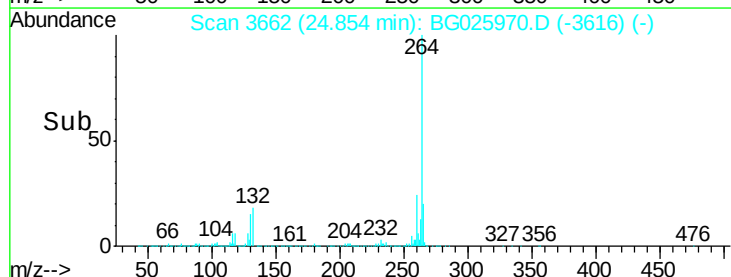
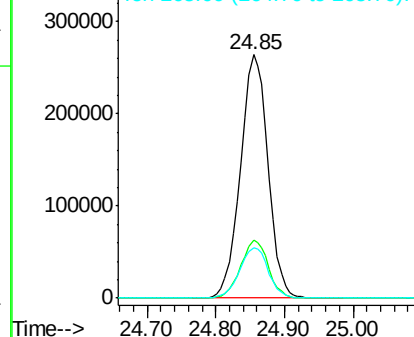
264 100

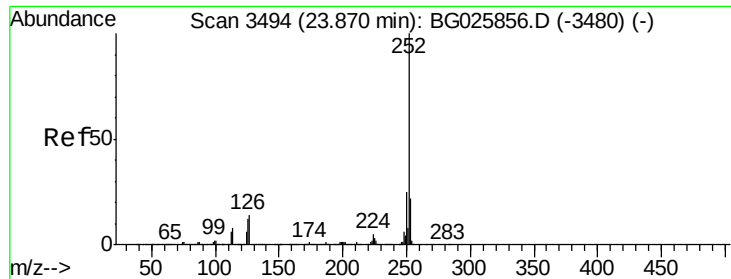
260 24.0 21.8 32.8

265 20.5 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: 43.40 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG025970.D

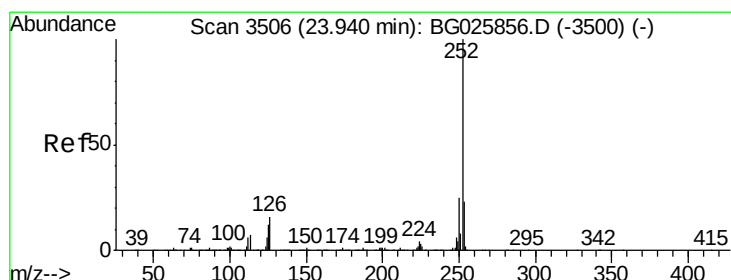
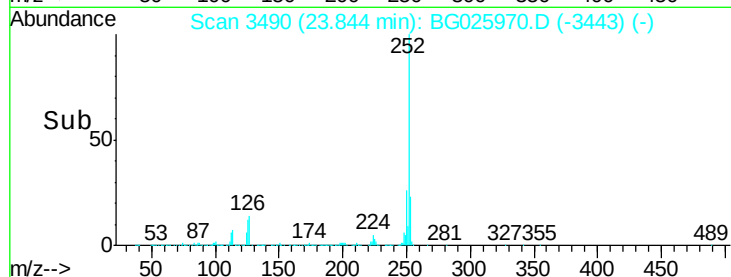
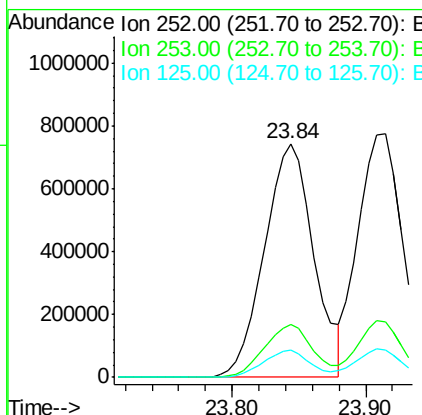
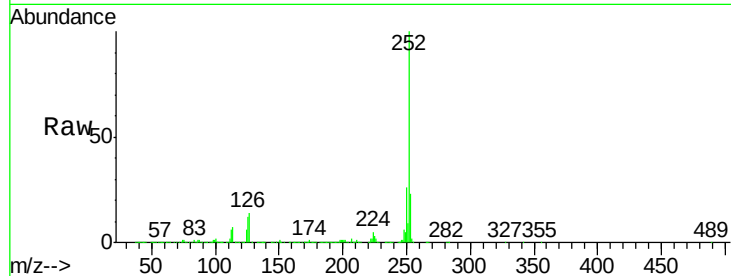
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	11.9	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 41.68 ng

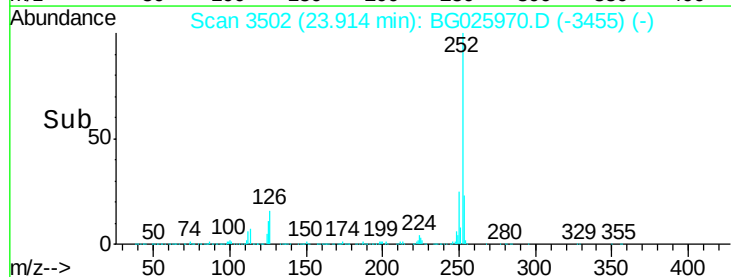
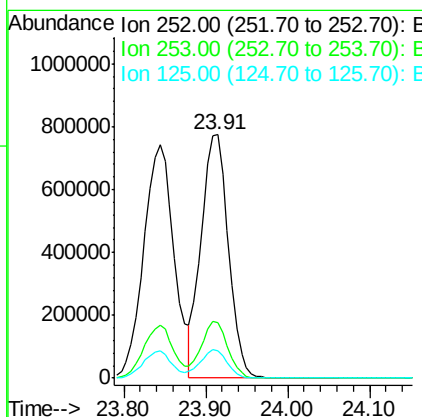
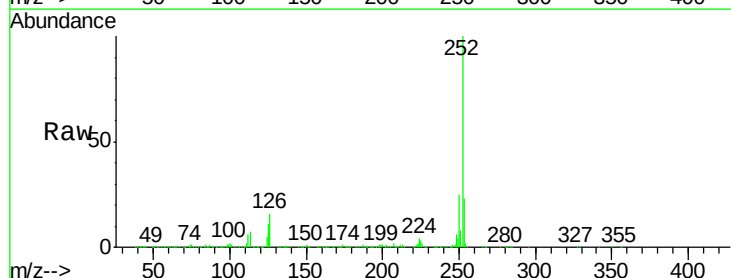
RT: 23.91 min Scan# 3502

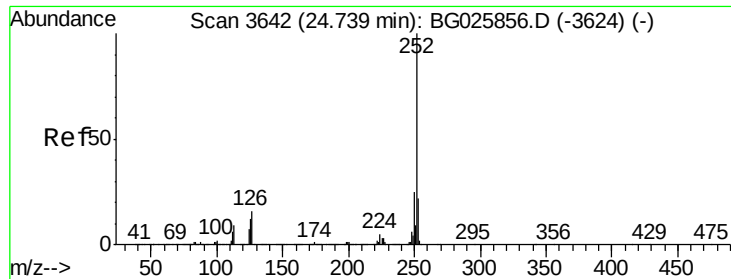
Delta R.T. -0.03 min

Lab File: BG025970.D

Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.2	30.2
125	11.2	5.1	7.7#





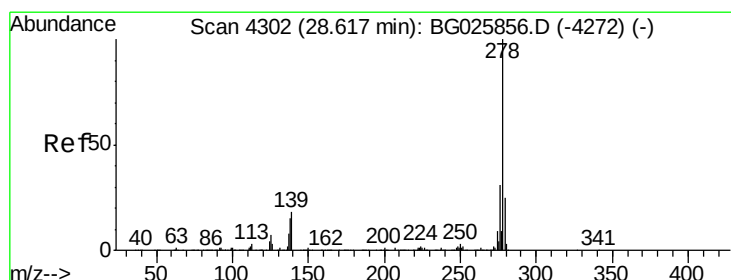
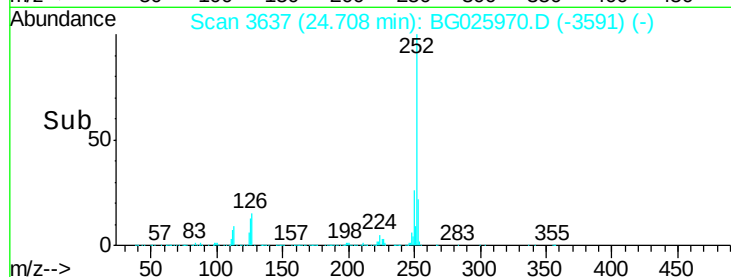
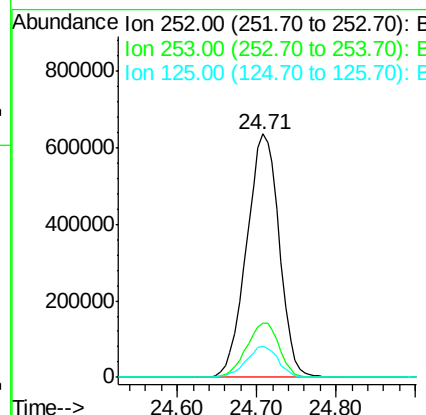
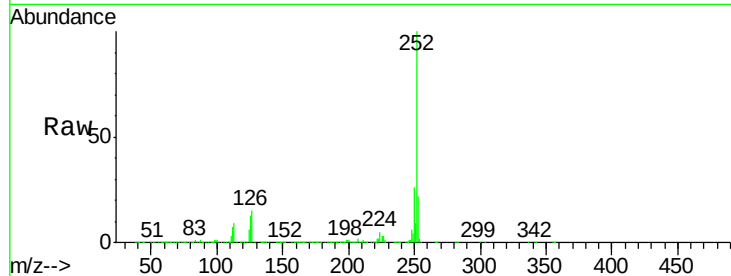
#89
Benzo(a)pyrene
Concen: 43.51 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.2	28.8
125	12.6	5.4	8.0

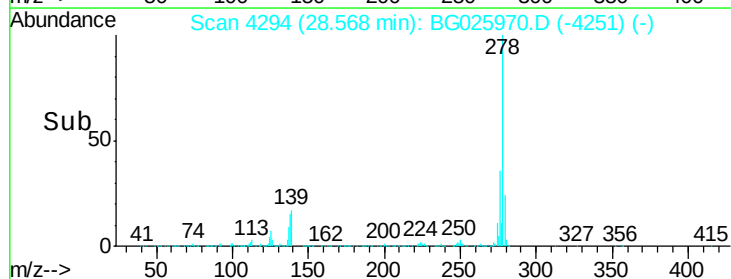
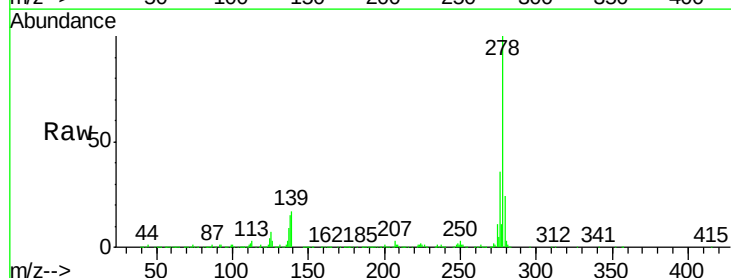
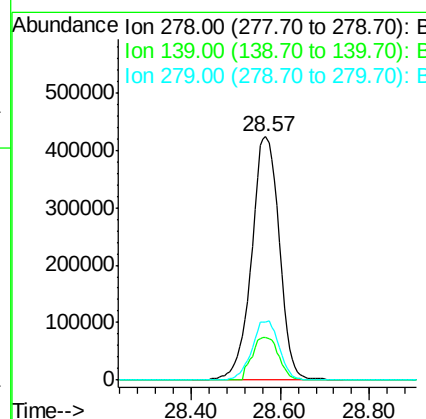
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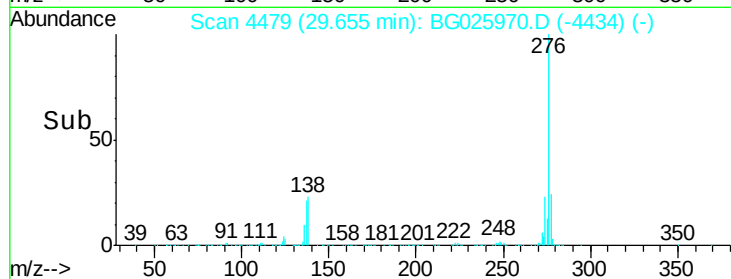
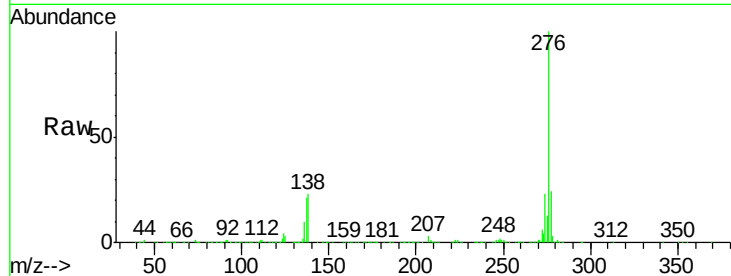
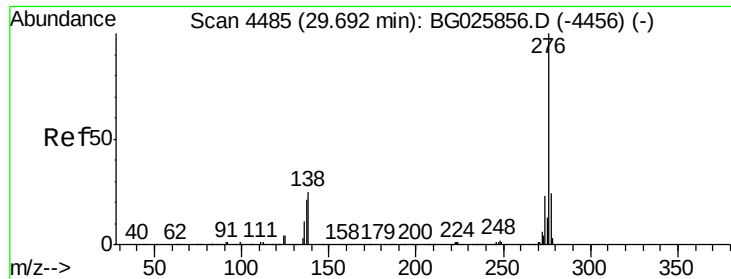
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 43.01 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG025970.D
Acq: 27 Feb 2017 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	7.7	11.5
279	24.1	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 43.46 ng
 RT: 29.65 min Scan# 4479
 Delta R.T. -0.04 min
 Lab File: BG025970.D
 Acq: 27 Feb 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB97196BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	23.3	8.1	12.1

Manual Integrations
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