

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025967.D
 Acq On : 27 Feb 2017 17:12
 Operator : SJ/MA
 Sample : PB97190BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 02:16:58 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	82300	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	420689	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	296686	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	771767	20.00	ng	0.00
75) Chrysene-d12	21.66	240	789117	20.00	ng	-0.02
86) Perylene-d12	24.86	264	775250	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	760291	160.84	ng	-0.01
7) Phenol-d6	7.24	99	1097198	156.85	ng	0.00
23) Nitrobenzene-d5	9.23	82	601994	90.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	510188	186.13	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1678198	98.84	ng	-0.01
78) Terphenyl-d14	20.00	244	2519505	77.65	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	68743	31.82	ng	# 85
3) Pyridine	3.93	79	206272	32.04	ng	# 76
4) n-Nitrosodimethylamine	3.84	42	87036	37.59	ng	# 39
6) Aniline	7.40	93	251402	25.85	ng	92
8) 2-Chlorophenol	7.64	128	272779	48.55	ng	87
9) Benzaldehyde	7.21	77	76936	18.56	ng	# 72
10) Phenol	7.26	94	369913	48.66	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	238302	38.14	ng	92
12) 1,3-Dichlorobenzene	7.97	146	253685	39.06	ng	# 87
13) 1,4-Dichlorobenzene	8.11	146	257913m	39.20	ng	
14) 1,2-Dichlorobenzene	8.44	146	252527	39.10	ng	90
15) Benzyl Alcohol	8.31	79	245963	48.02	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	318860	35.17	ng	90
17) 2-Methylphenol	8.51	107	258006	47.11	ng	# 83
18) Hexachloroethane	9.16	117	83326	38.22	ng	91
19) n-Nitroso-di-n-propylamine	8.88	70	209354	40.98	ng	# 79
20) 3+4-Methylphenols	8.83	107	365049	46.79	ng	85
22) Acetophenone	8.89	105	399246	39.55	ng	# 80
24) Nitrobenzene	9.28	77	288566	40.03	ng	# 76
25) Isophorone	9.80	82	605324	41.26	ng	# 91
26) 2-Nitrophenol	9.99	139	158053	46.89	ng	# 69
27) 2,4-Dimethylphenol	10.04	122	304276	48.36	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	372635	40.08	ng	98
29) 2,4-Dichlorophenol	10.52	162	302368	50.35	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	262129	40.14	ng	97
31) Naphthalene	10.93	128	856765	39.39	ng	99
32) Benzoic acid	10.16	122	248404	51.71	ng	# 79
33) 4-Chloroaniline	11.03	127	150079	15.89	ng	# 85
34) Hexachlorobutadiene	11.22	225	139274	37.48	ng	96
35) Caprolactam	11.79	113	139703m	57.61	ng	
36) 4-Chloro-3-methylphenol	12.14	107	374931	52.19	ng	# 80
37) 2-Methylnaphthalene	12.52	142	703622	42.47	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	310760	41.79	ng	99
40) Hexachlorocyclopentadiene	12.87	237	354840	87.20	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	264776	55.13	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	290738	53.33	nq	# 93
45) 1,1'-Biphenyl	13.52	154	963187	44.80	nq	98
46) 2-Chloronaphthalene	13.56	162	706933	45.48	nq	98
47) 2-Nitroaniline	13.75	65	263249	53.40	nq	# 75
48) Acenaphthylene	14.40	152	1267571	45.80	nq	98
49) Dimethylphthalate	14.13	163	1029824	50.59	nq	98
50) 2,6-Dinitrotoluene	14.25	165	240986	52.71	nq	# 69
51) Acenaphthene	14.75	154	941527	51.51	nq	97
52) 3-Nitroaniline	14.57	138	141751	27.72	nq	# 76
53) 2,4-Dinitrophenol	14.78	184	277877	116.14	nq	# 88
54) Dibenzofuran	15.07	168	1250276	51.31	nq	91
55) 4-Nitrophenol	14.87	139	482464	115.92	nq	# 50
56) 2,4-Dinitrotoluene	15.03	165	351624	57.16	nq	# 78
57) Fluorene	15.72	166	1046551	48.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	287962	59.87	nq	96
59) Diethylphthalate	15.49	149	1093917	51.96	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	489246	48.49	nq	95
61) 4-Nitroaniline	15.73	138	284838	53.73	nq	# 55
62) Azobenzene	16.00	77	985804	54.48	nq	87
64) 4,6-Dinitro-2-methylphenol	15.79	198	204905	45.37	nq	93
65) n-Nitrosodiphenylamine	15.92	169	970098	41.45	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	334231	41.32	nq	99
67) Hexachlorobenzene	16.73	284	343889	41.25	nq	96
68) Atrazine	16.86	200	369110	44.56	nq	97
69) Pentachlorophenol	17.06	266	458862	89.23	nq	96
70) Phenanthrene	17.45	178	1734537	41.40	nq	97
71) Anthracene	17.54	178	1793194	41.98	nq	99
72) Carbazole	17.81	167	1698658	39.59	nq	97
73) Di-n-butylphthalate	18.36	149	1962855	46.60	nq	# 94
74) Fluoranthene	19.45	202	1963062	42.56	nq	95
76) Benzidine	19.62	184	537819	21.59	nq	97
77) Pyrene	19.81	202	1979956	39.67	nq	99
79) Butylbenzylphthalate	20.69	149	881113	46.52	nq	87
80) Benzo(a)anthracene	21.64	228	1884858	40.91	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	417138	25.40	nq	# 98
82) Chrysene	21.71	228	1723381	38.90	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1244290	45.50	nq	98
84) Di-n-octyl phthalate	22.75	149	2166641	47.97	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2278256	43.66	nq	# 88
87) Benzo(b)fluoranthene	23.85	252	1923042	41.42	nq	# 95
88) Benzo(k)fluoranthene	23.92	252	1901592	41.98	nq	# 92
89) Benzo(a)pyrene	24.71	252	1873506	42.61	nq	# 94
90) Dibenzo(a,h)anthracene	28.57	278	1877246	42.50	nq	# 92
91) Benzo(g,h,i)perylene	29.66	276	1883107	42.52	nq	# 89

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

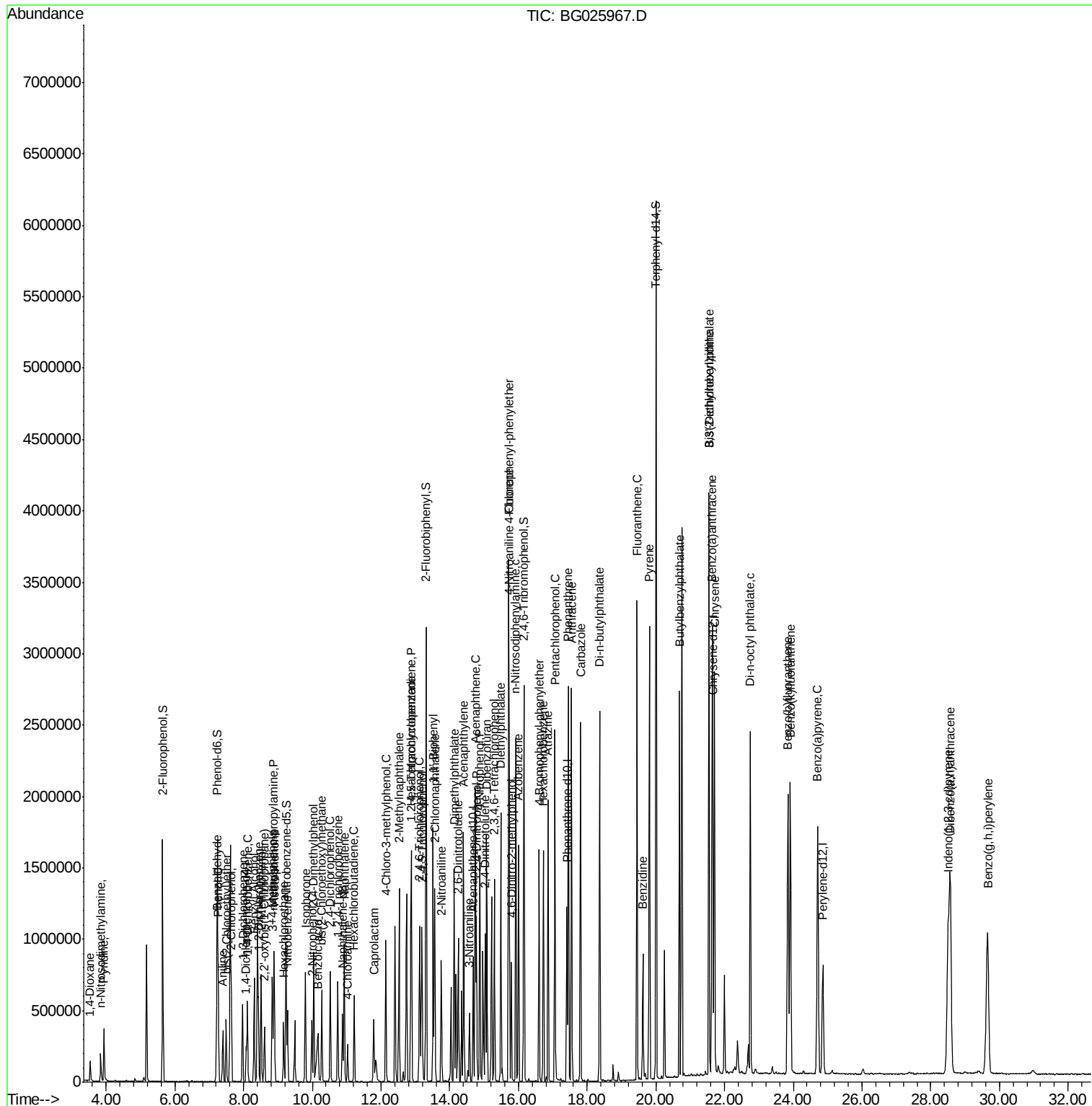
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Operator  : SJ/MA
Sample    : PB97190BS
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
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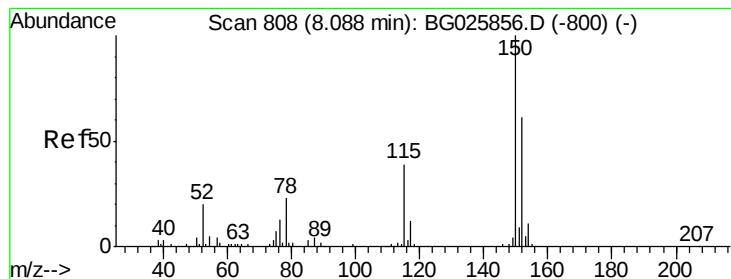
Instrument :
BNA_G
ClientSampleId :
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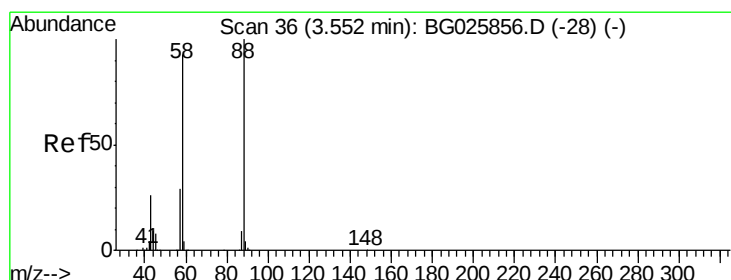
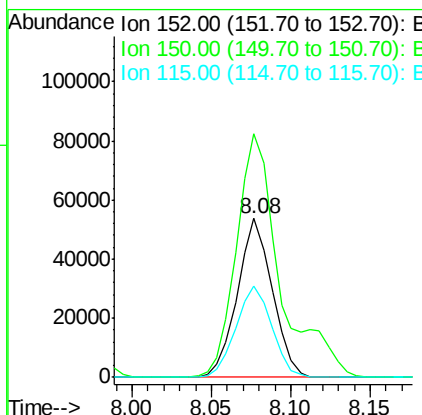
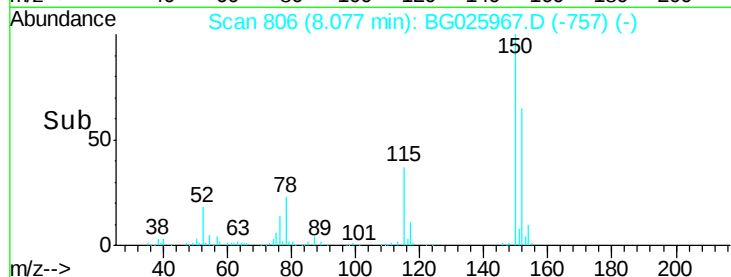
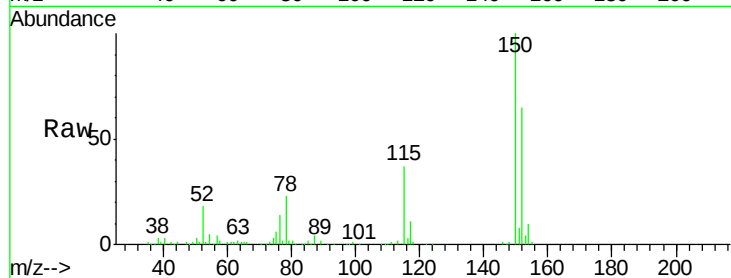
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
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 ClientSampleID :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	114.0	171.0
115	57.2	48.1	72.1

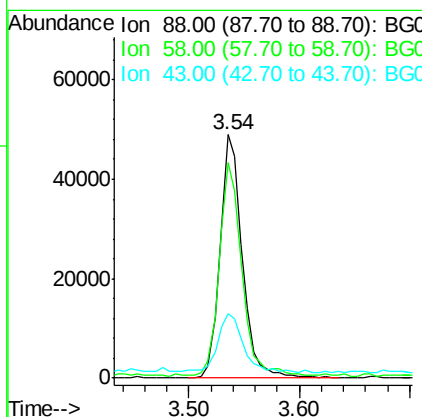
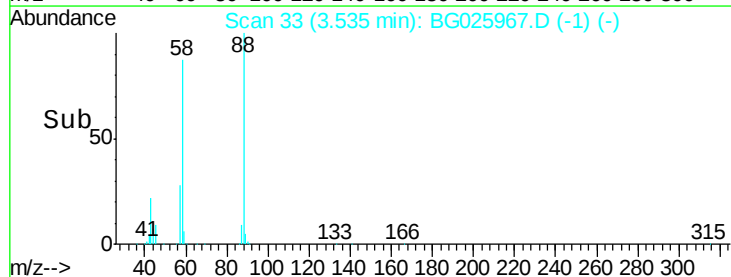
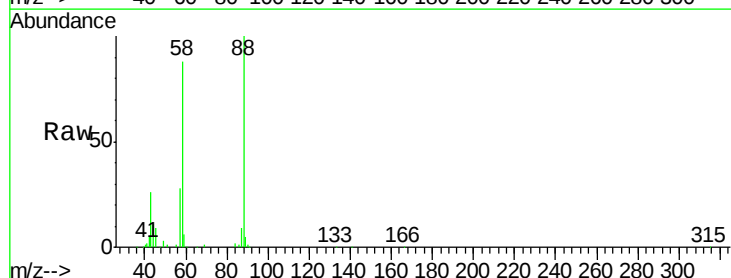
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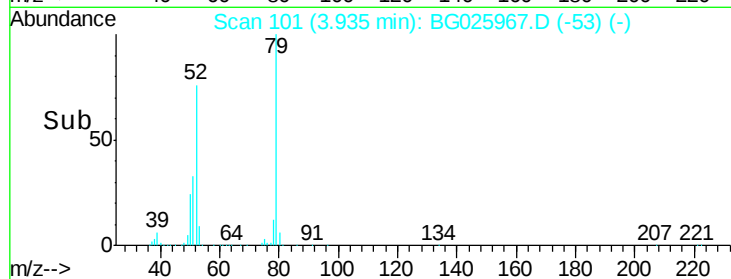
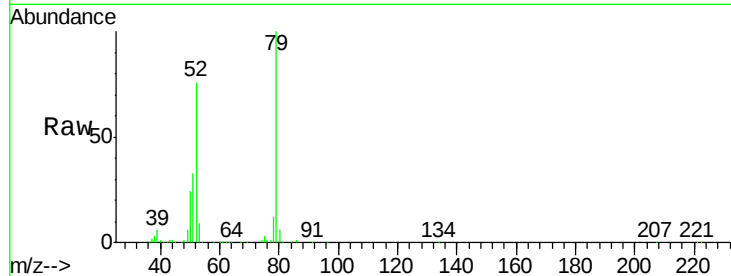
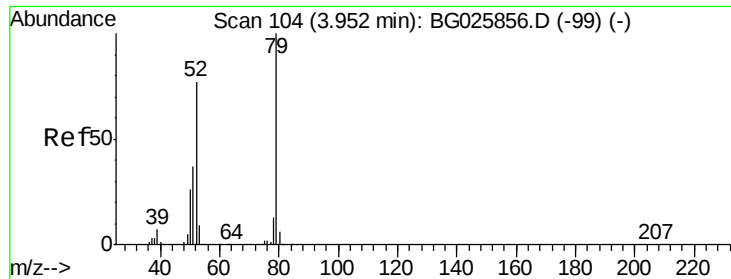
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#2
 1,4-Dioxane
 Concen: 31.82 ng
 RT: 3.54 min Scan# 33
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	79.4	119.2
43	28.0	33.8	50.6#





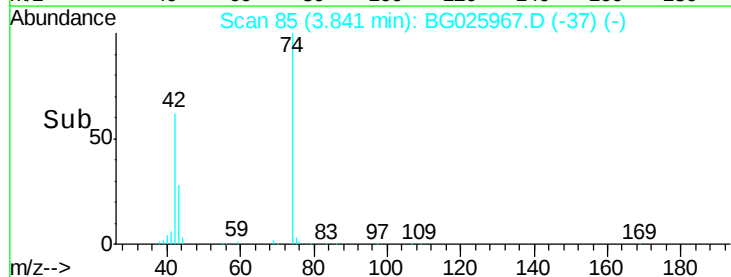
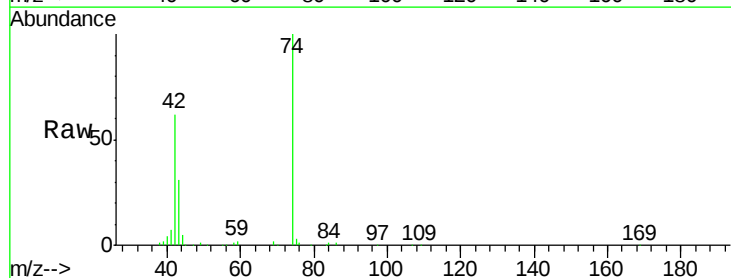
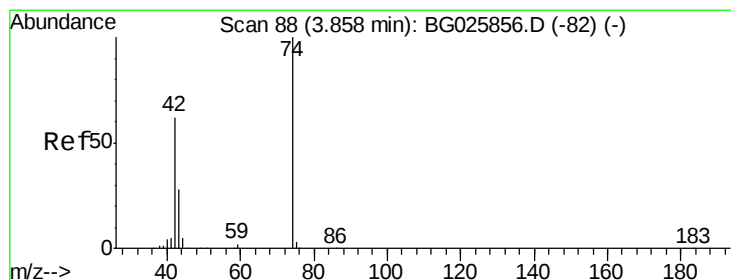
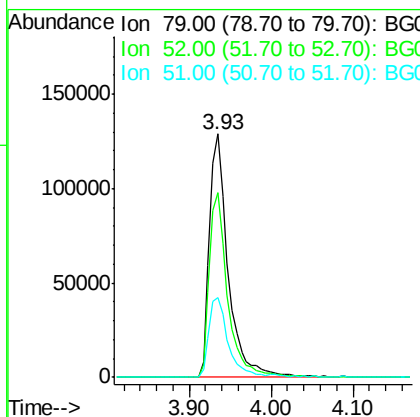
#3
 Pvridine
 Concen: 32.04 ng
 RT: 3.93 min Scan# 101
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.0	77.8	116.6#
51	32.9	43.2	64.8#

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

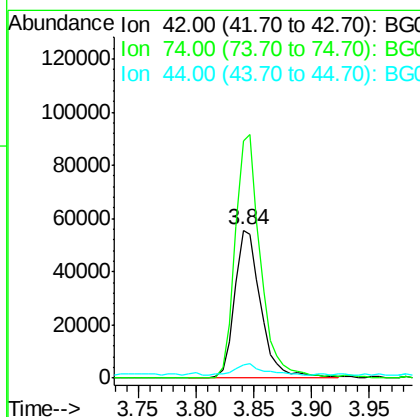
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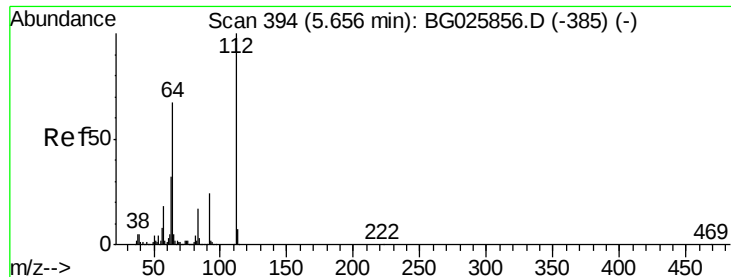
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#4
 n-Nitrosodimethylamine
 Concen: 37.59 ng
 RT: 3.84 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.4	76.7	115.1#
44	8.7	6.1	9.1





#5

2-Fluorophenol

Concen: 160.84 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

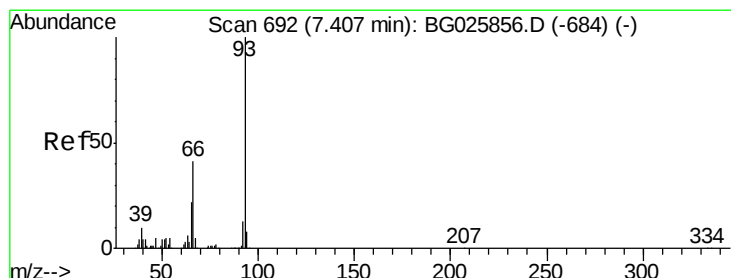
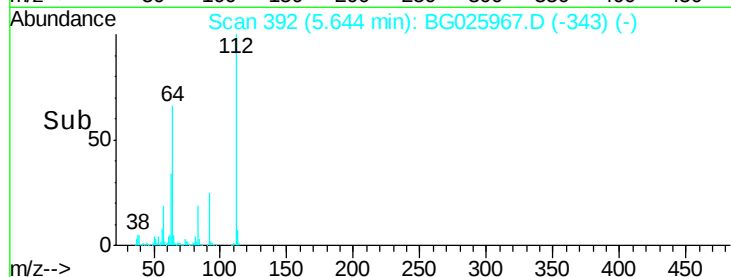
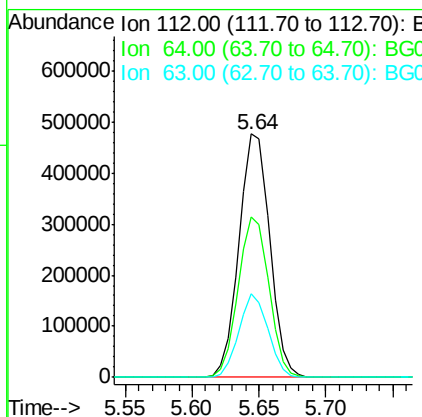
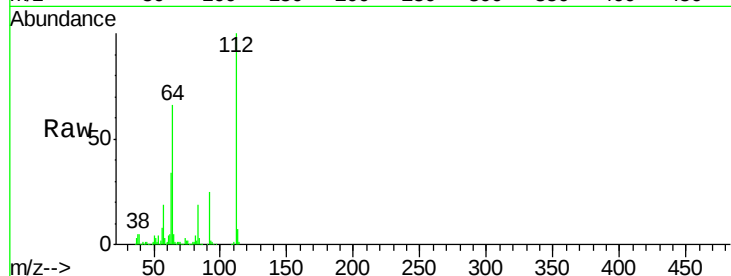
ClientSampleId :

PB97190BS

Tot Ion:	112	Resp:	760291
Ion Ratio	Lower	Upper	
112	100		
64	66.0	61.8	92.6
63	34.2	37.2	55.8#

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#6

Aniline

Concen: 25.85 ng

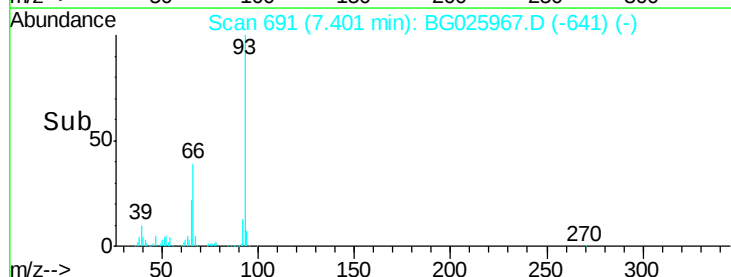
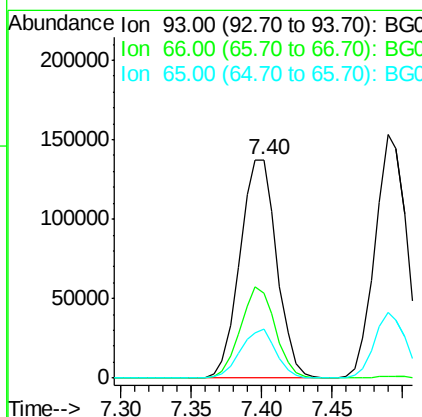
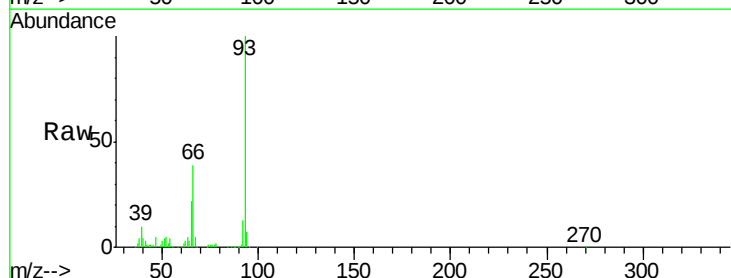
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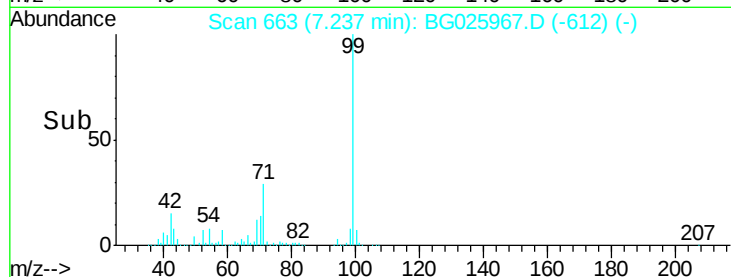
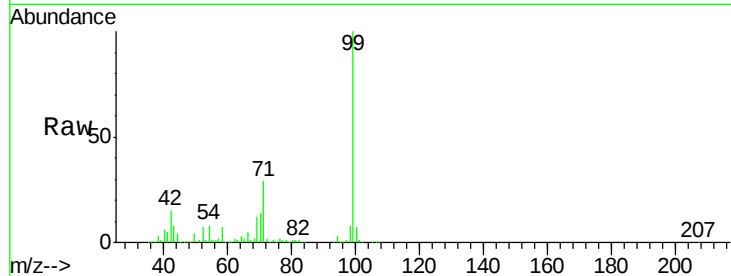
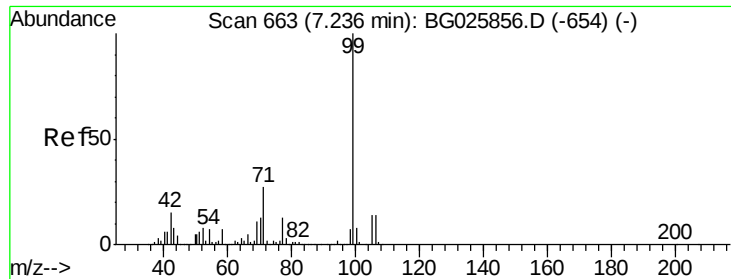
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion:	93	Resp:	251402
Ion Ratio	Lower	Upper	
93	100		
66	38.8	35.4	53.2
65	22.2	21.2	31.8





#7

Phenol-d6

Concen: 156.85 ng

RT: 7.24 min Scan# 663

Delta R.T. 0.00 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tot Ion: 99 Resp: 1097198

Ion Ratio Lower Upper

99 100

42 14.9 20.5 30.7#

71 28.6 37.6 56.4#

Instrument :

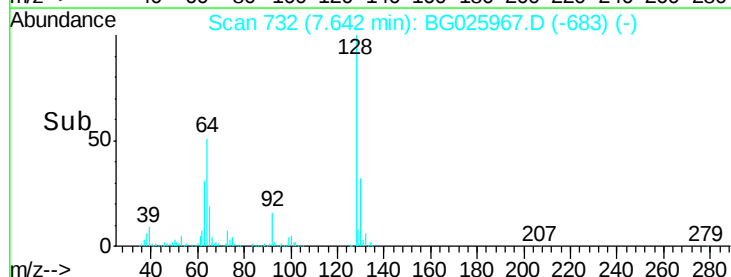
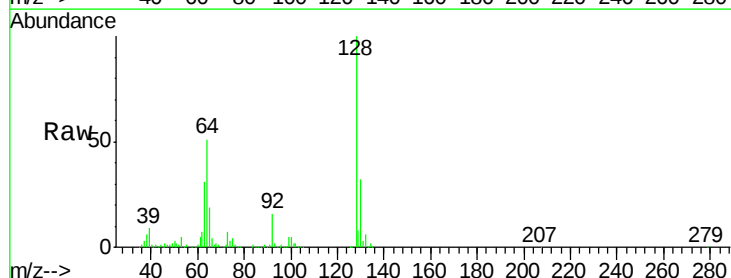
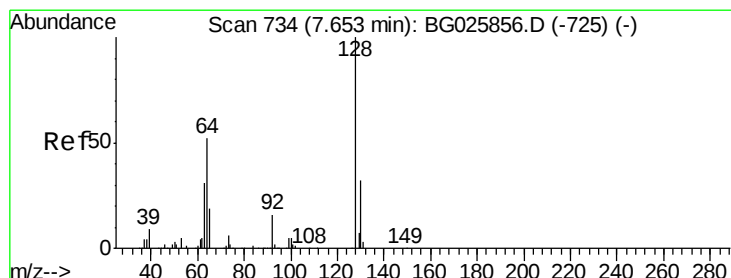
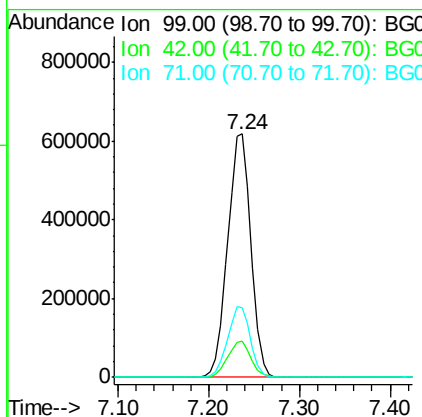
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#8

2-Chlorophenol

Concen: 48.55 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

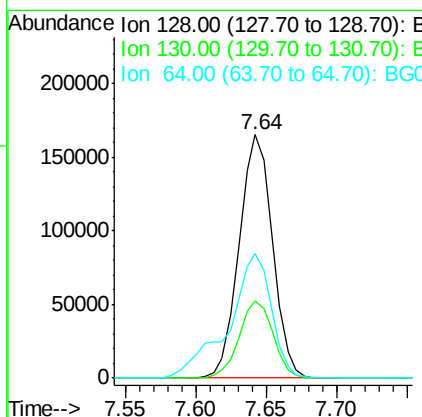
Tgt Ion: 128 Resp: 272779

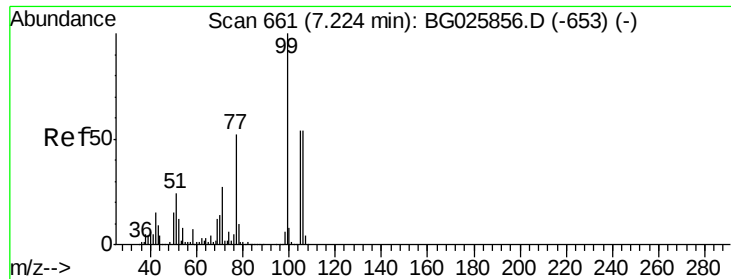
Ion Ratio Lower Upper

128 100

130 31.7 11.4 51.4

64 51.2 46.6 86.6





#9

Benzaldehyde

Concen: 18.56 ng

RT: 7.21 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

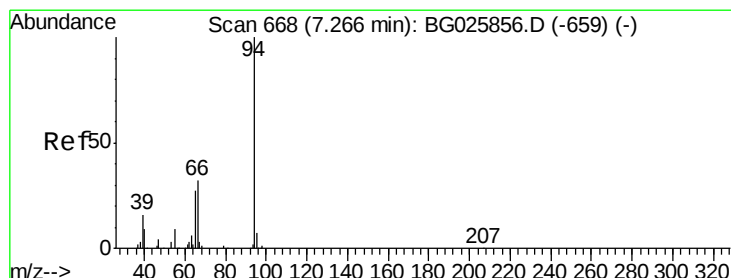
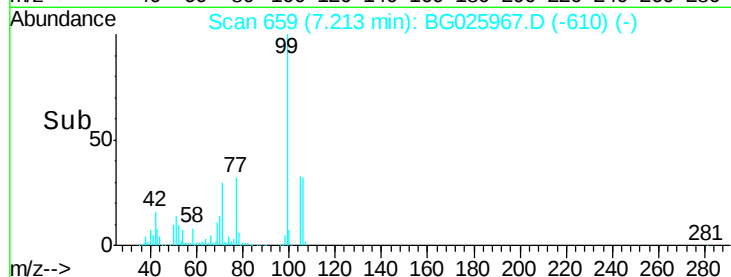
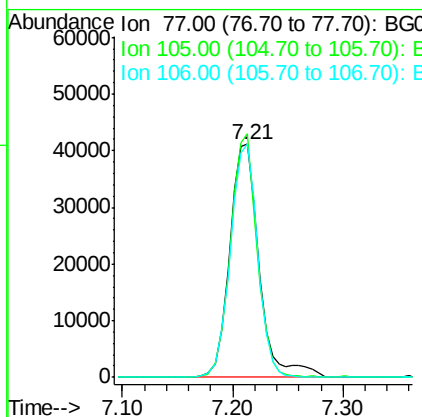
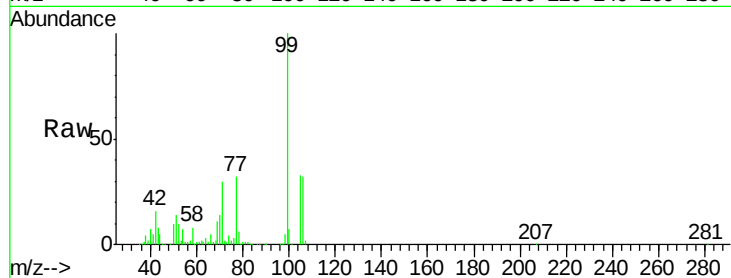
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.5	60.9	100.9#		
106	100.1	55.1	95.1#		

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#10

Phenol

Concen: 48.66 ng

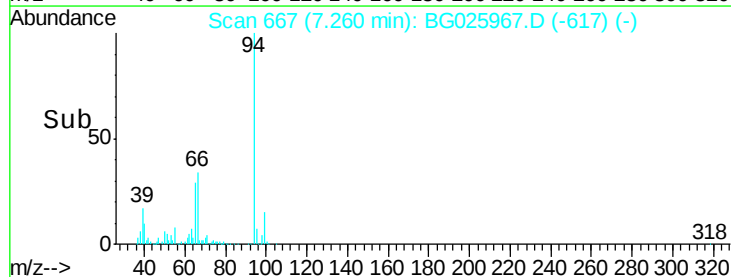
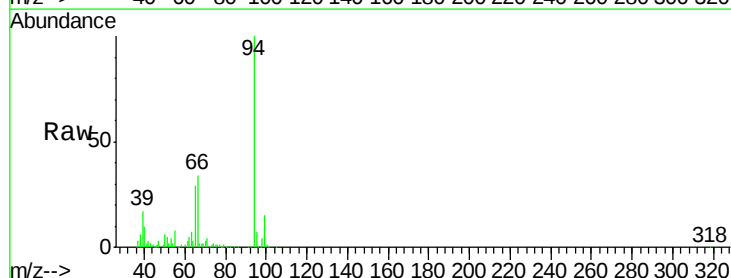
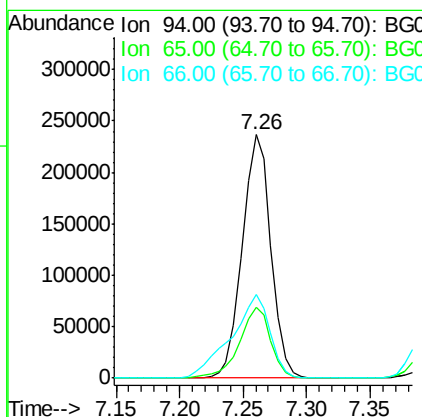
RT: 7.26 min Scan# 667

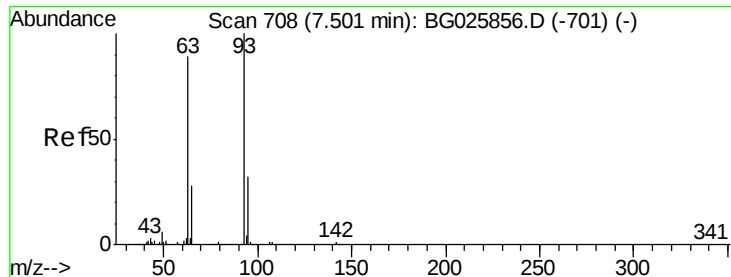
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.9	20.6	60.6		
66	34.1	35.5	75.5#		





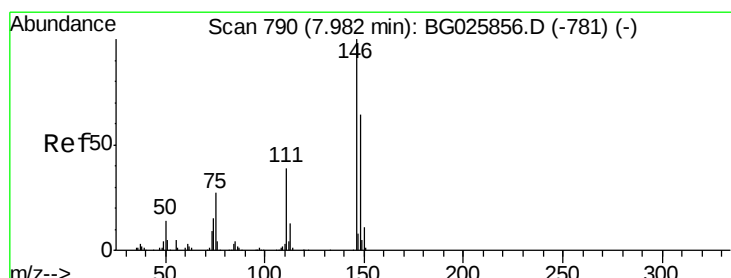
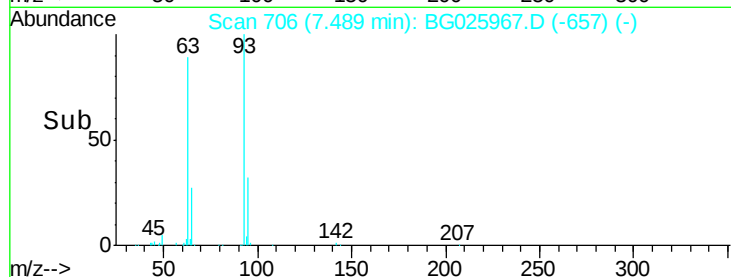
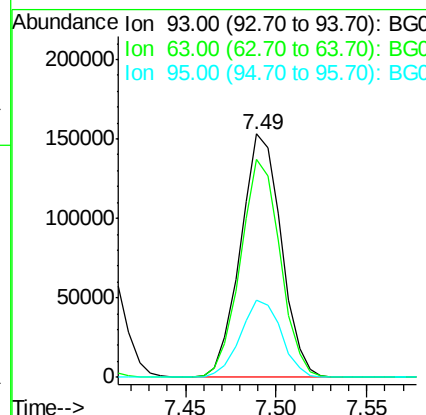
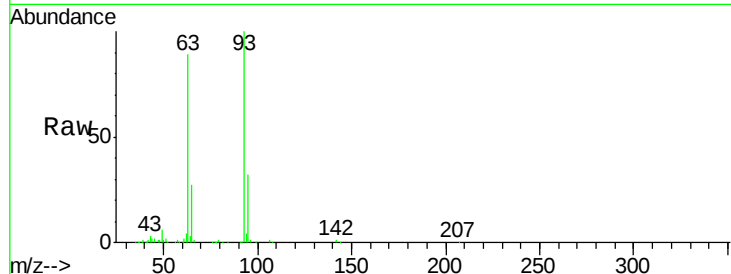
#11
bis(2-Chloroethyl)ether
Concen: 38.14 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	78.5	118.5
95	31.5	9.8	49.8

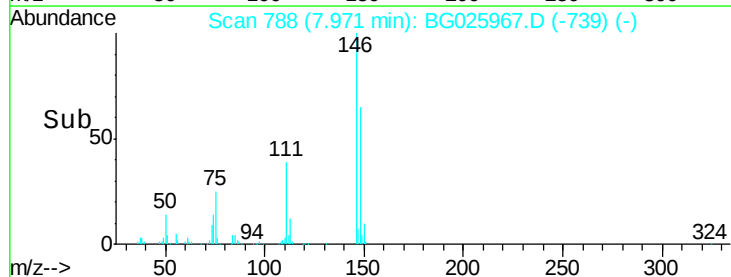
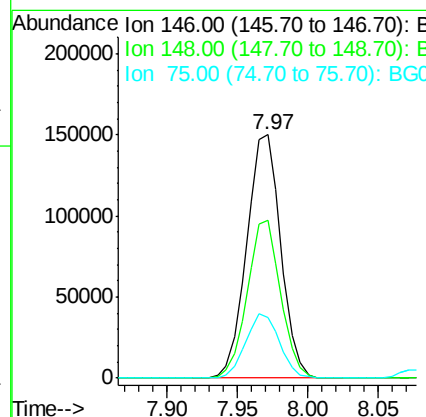
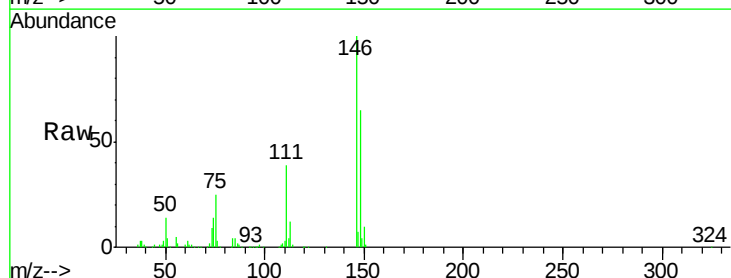
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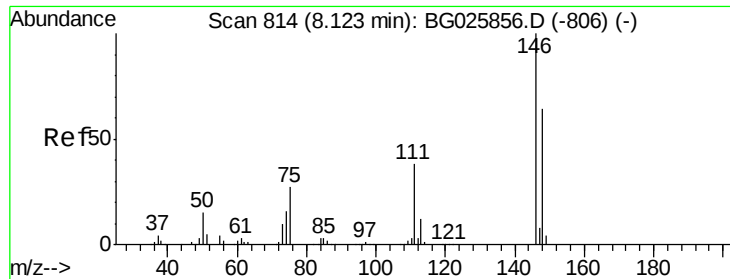
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.06 ng
RT: 7.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.2	73.8
75	25.0	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 39.20 ng/mL

RT: 8.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

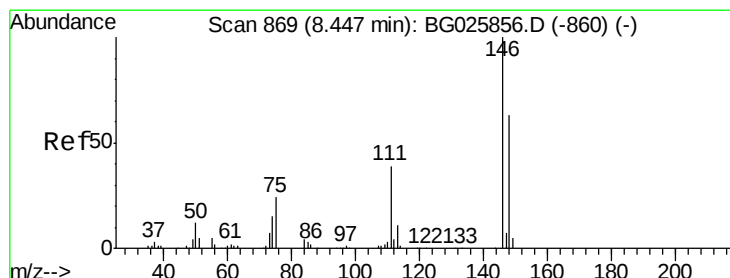
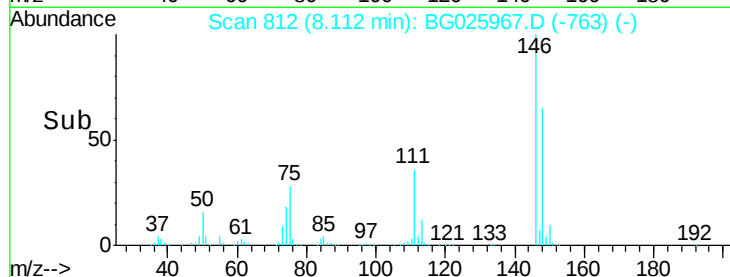
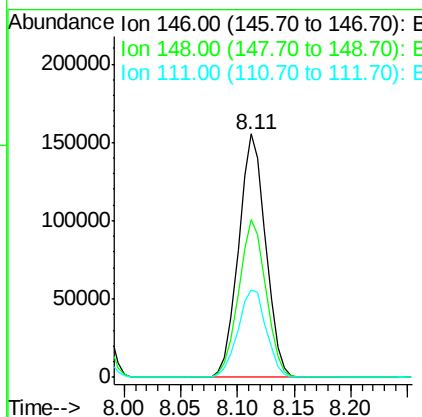
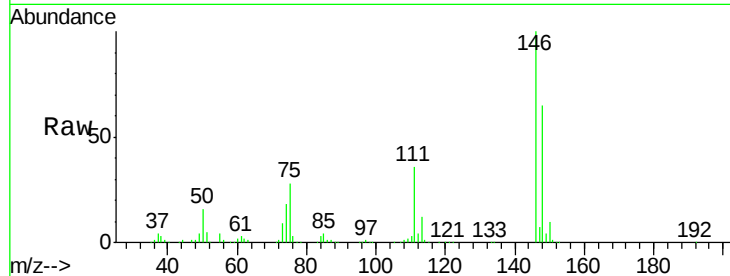
ClientSampleId :

PB97190BS

Tot Ion:	146	Resp:	257913
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	36.1	37.0	55.6

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#14

1,2-Dichlorobenzene

Concen: 39.10 ng/mL

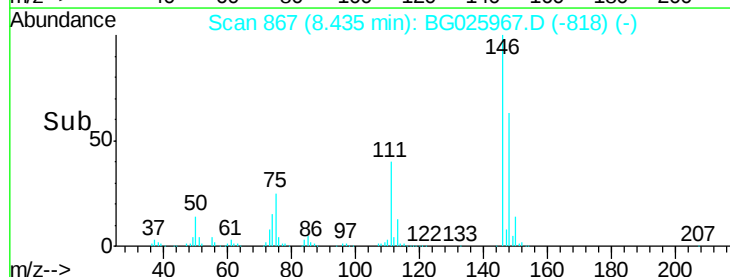
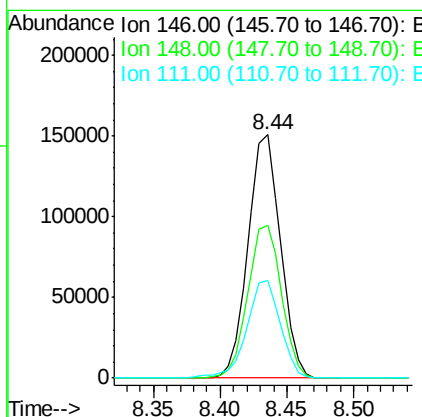
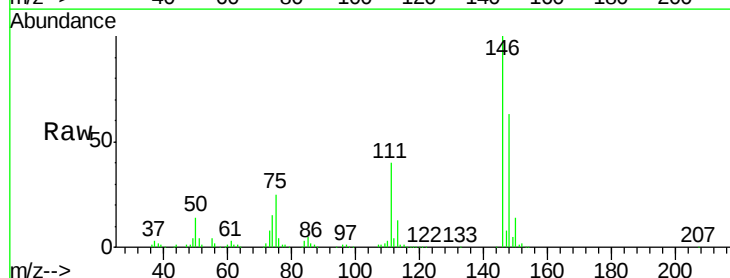
RT: 8.44 min Scan# 867

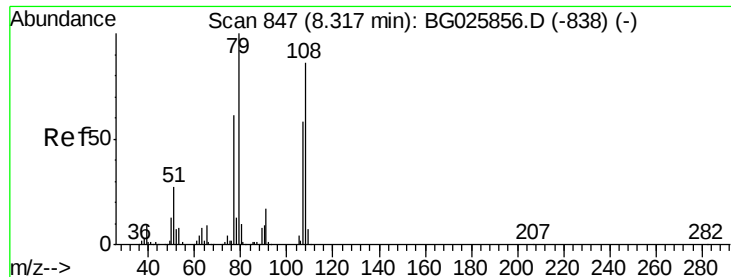
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion:	146	Resp:	252527
Ion Ratio	Lower	Upper	
146	100		
148	62.6	54.6	81.8
111	39.9	39.7	59.5





#15

Benzyl Alcohol

Concen: 48.02 ng

RT: 8.31 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

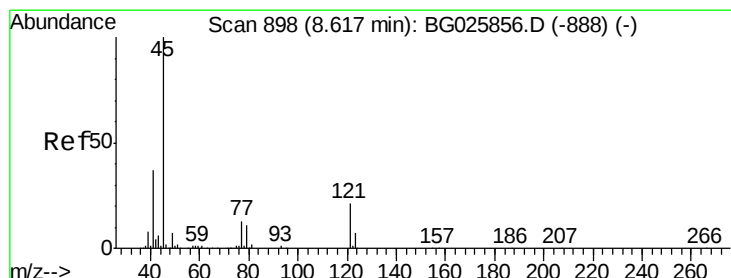
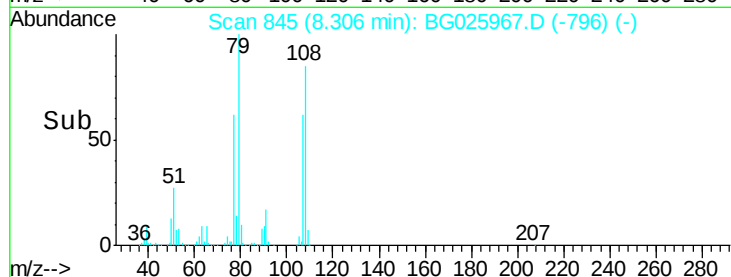
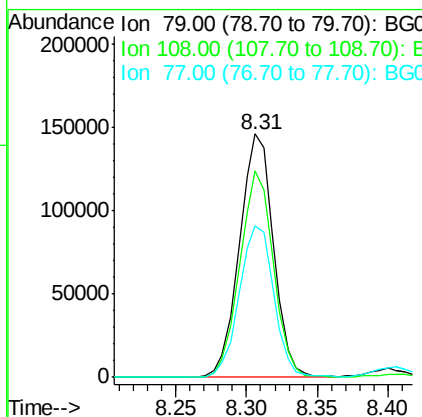
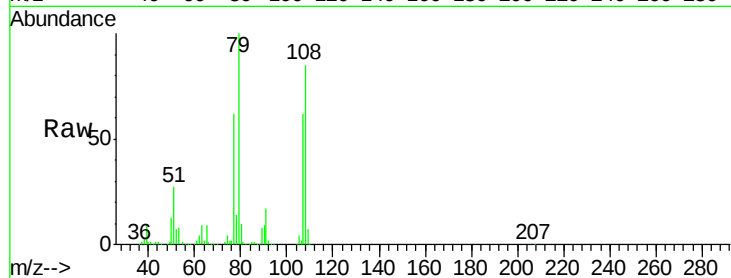
ClientSampleId :

PB97190BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.9	45.5	68.3#
77	62.1	54.3	81.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.17 ng

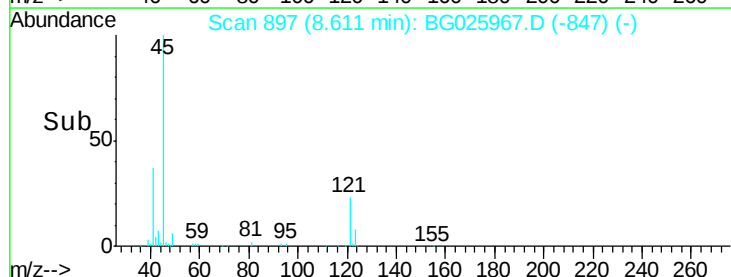
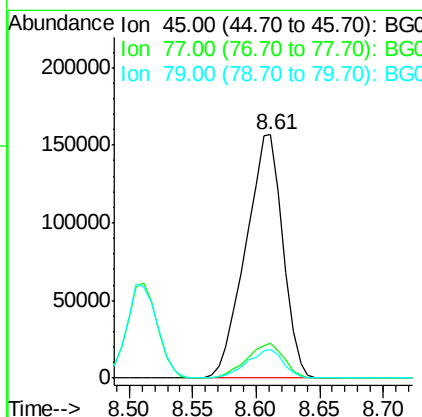
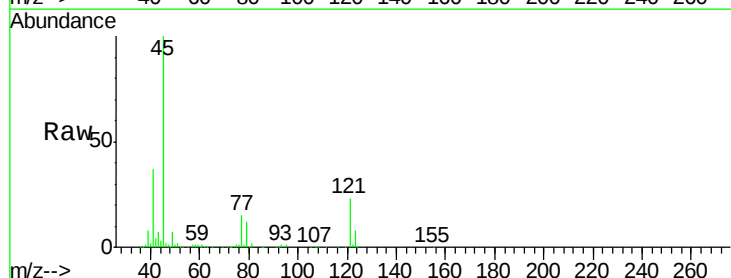
RT: 8.61 min Scan# 897

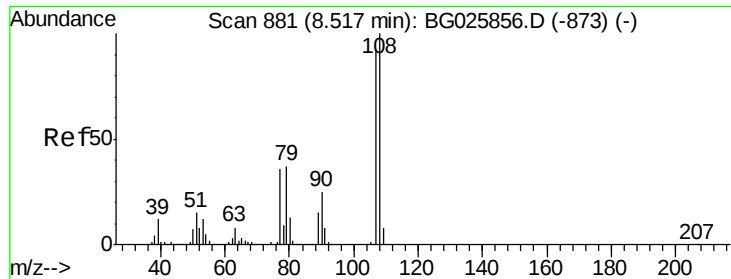
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	30.6
79	11.7	0.0	28.5





#17

2-Methylphenol

Concen: 47.11 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

ClientSampleID :

PB97190BS

Tot Ion:107 Resp: 258006
Ion Ratio Lower Upper

107 100

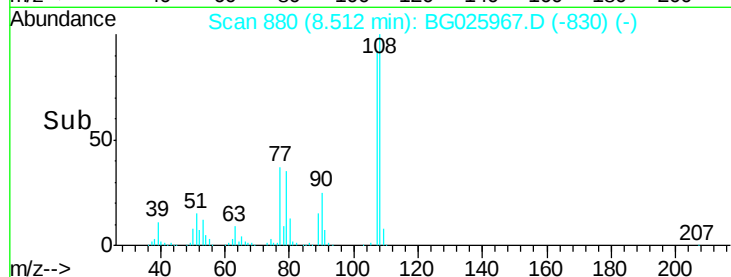
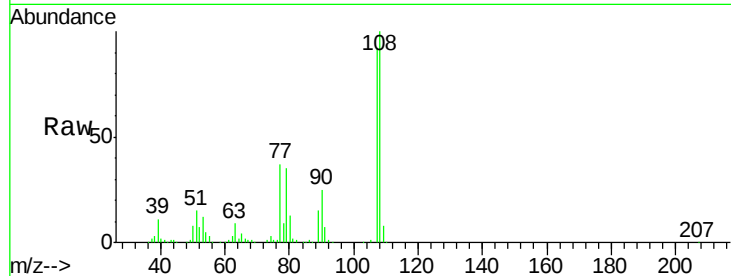
108 109.1 85.6 128.4

77 40.0 51.4 77.2#

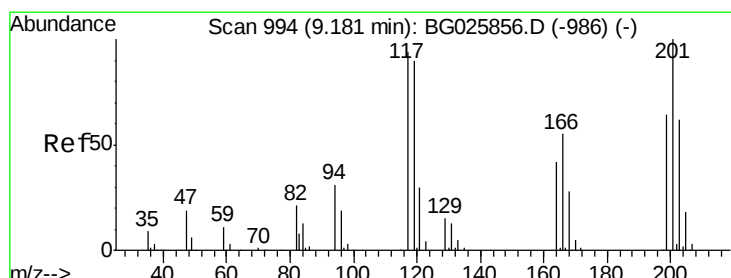
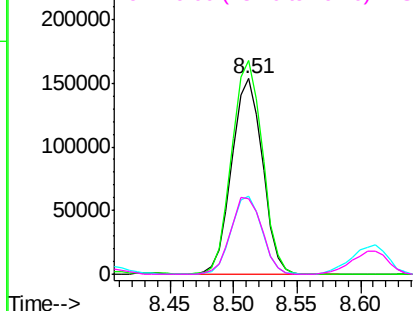
79 38.4 49.2 73.8#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.22 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG025967.D

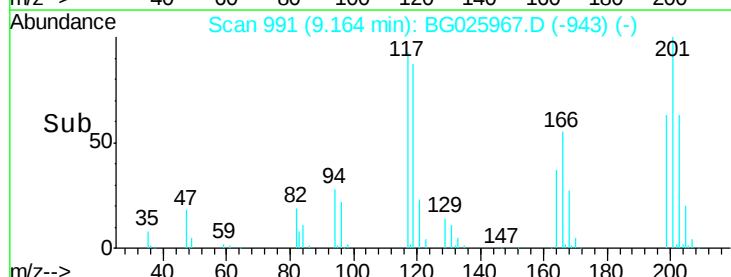
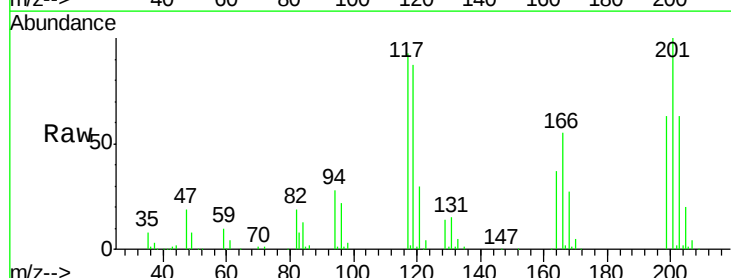
Acq: 27 Feb 2017 17:12

Tgt Ion:117 Resp: 83326
Ion Ratio Lower Upper

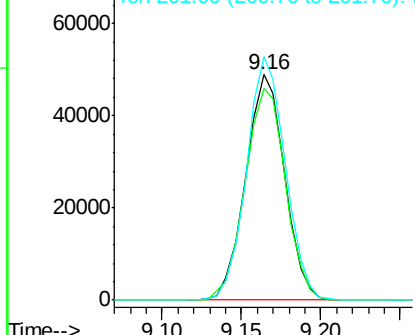
117 100

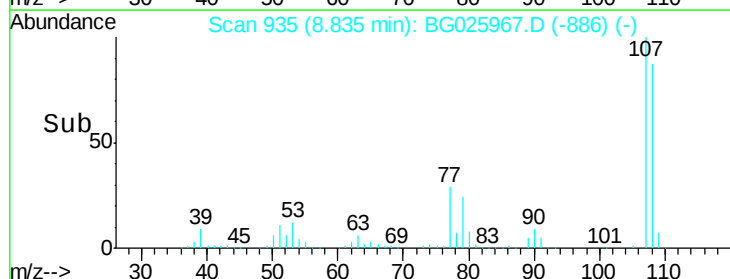
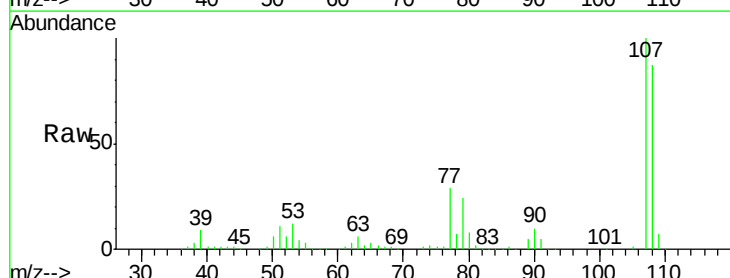
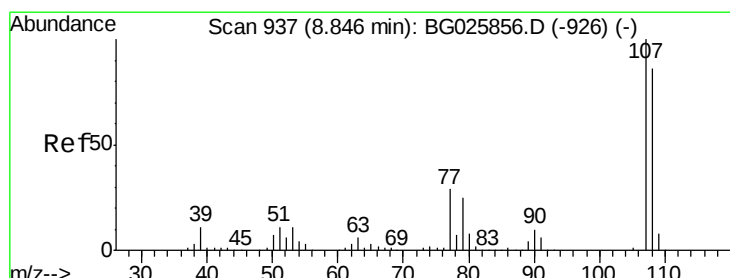
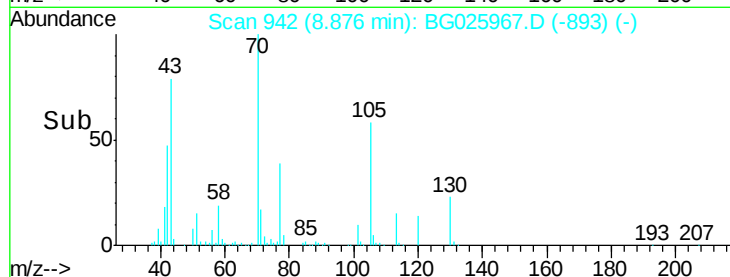
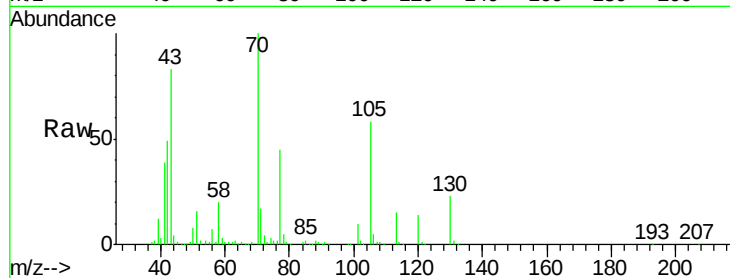
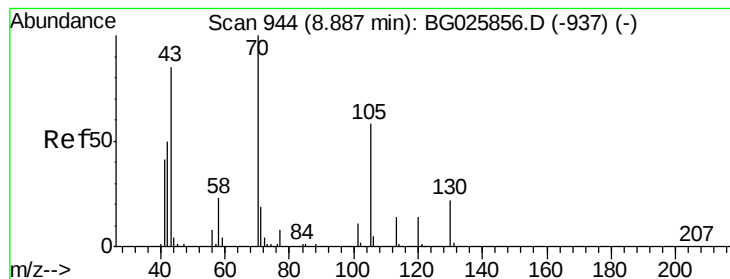
119 94.0 69.8 104.6

201 108.0 95.4 143.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.98 ng

RT: 8.88 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.9	56.1	84.1#		
101	9.6	7.5	11.3		
130	23.2	14.6	21.8#		

Instrument :

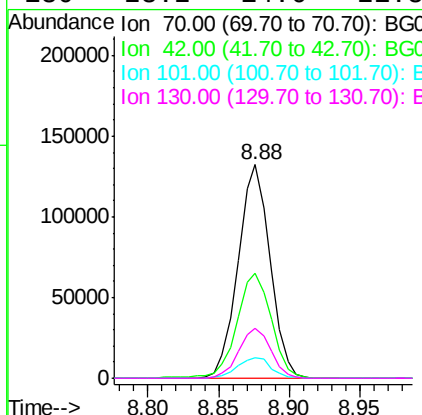
BNA_G

ClientSampleId :

PB97190BS

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#20

3+4-Methylphenols

Concen: 46.79 ng

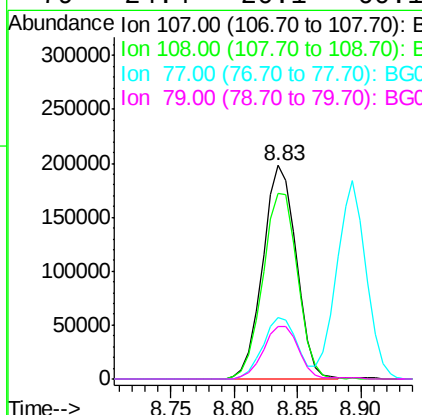
RT: 8.83 min Scan# 935

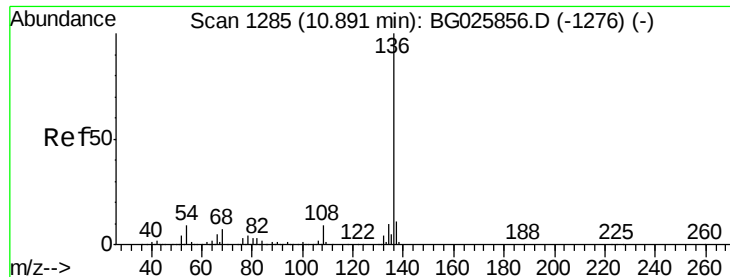
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.6	70.8	110.8		
77	28.6	25.8	65.8		
79	24.4	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: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

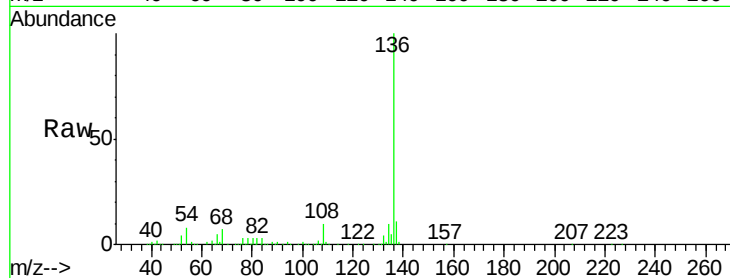
ClientSampleId :

PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	420689		
137	10.8		8.9	13.3
54	8.4		9.3	13.9
68	6.7		5.1	7.7

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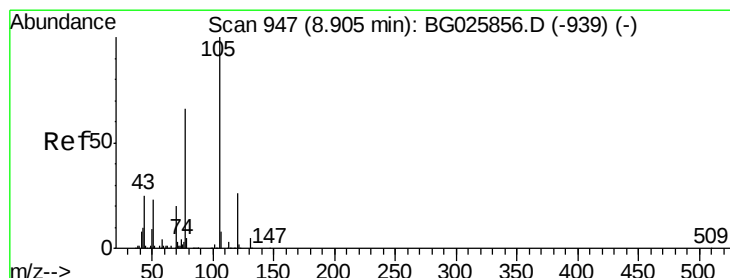
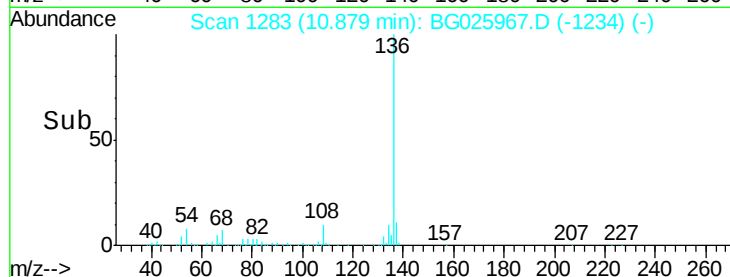
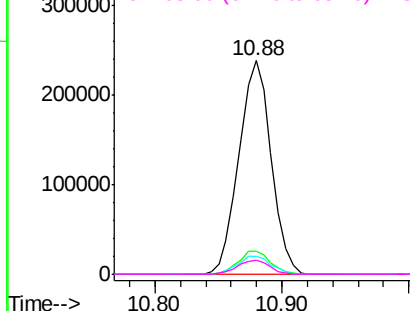


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.55 ng

RT: 8.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

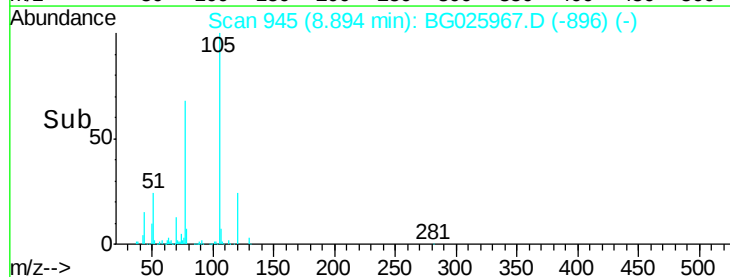
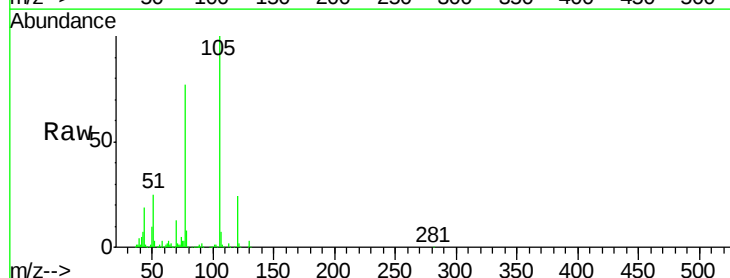
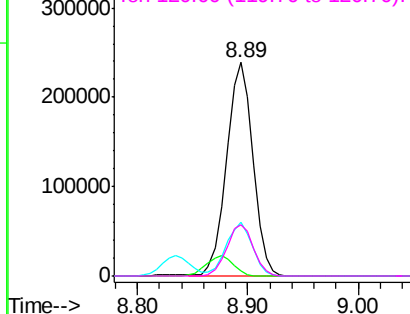
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399246		
71	2.3		0.9	1.3
51	25.2		34.0	51.0
120	24.3		17.3	25.9

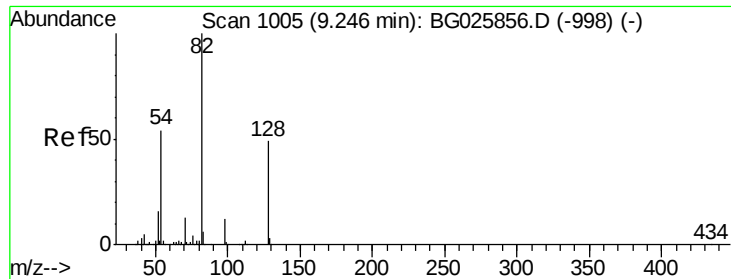
Abundance Ion 105.00 (104.70 to 105.70): E

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





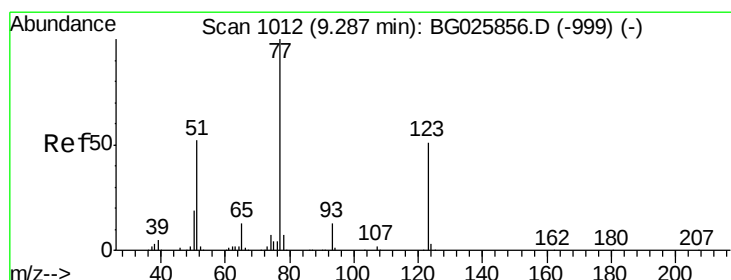
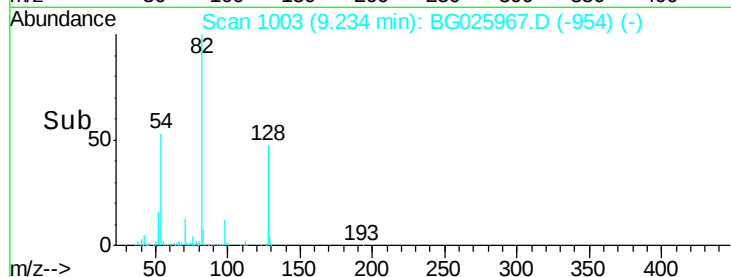
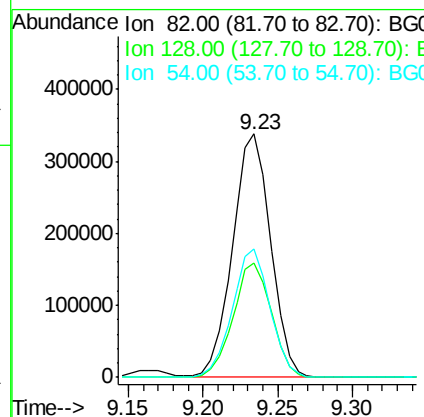
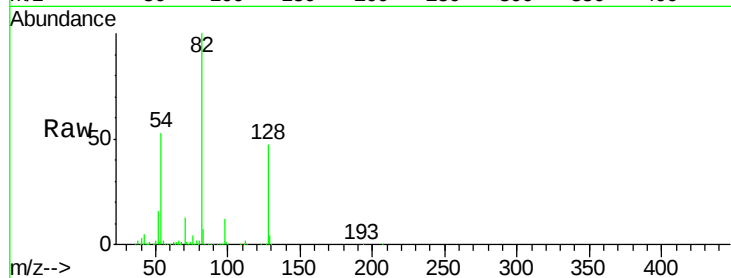
#23
Nitrobenzene-d5
Concen: 90.31 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	26.4	39.6#
54	52.5	49.4	74.2

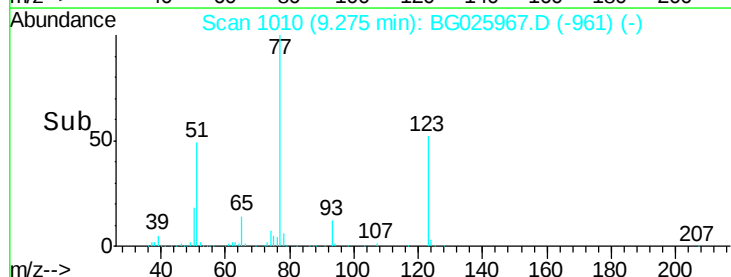
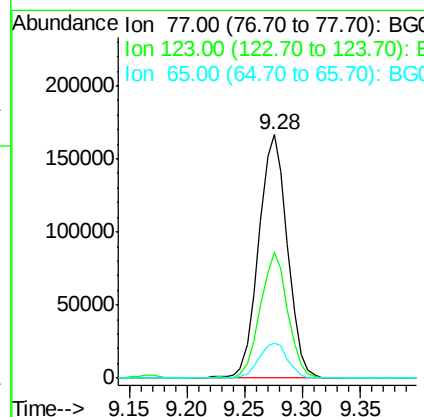
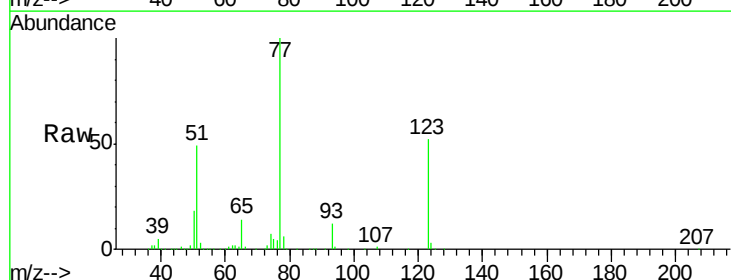
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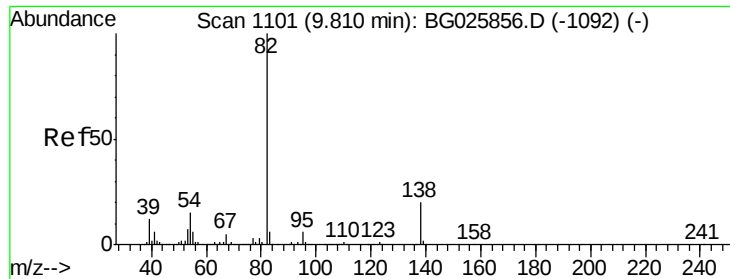
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#24
Nitrobenzene
Concen: 40.03 ng
RT: 9.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	26.1	39.1#
65	14.3	12.4	18.6





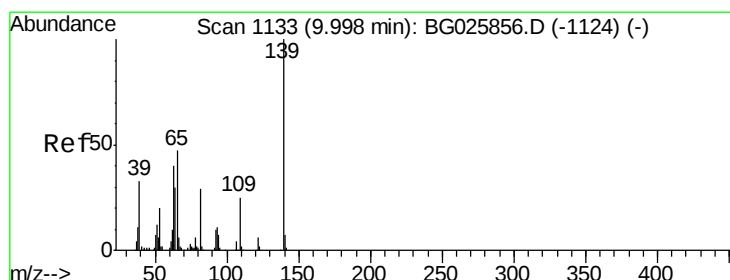
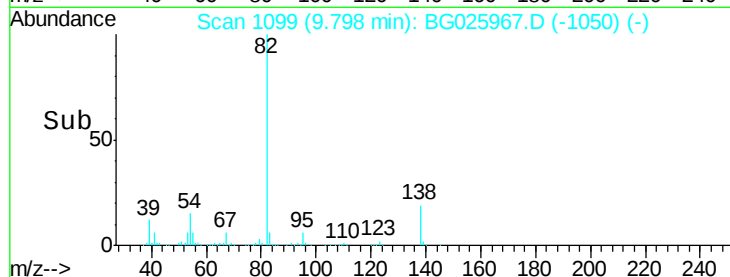
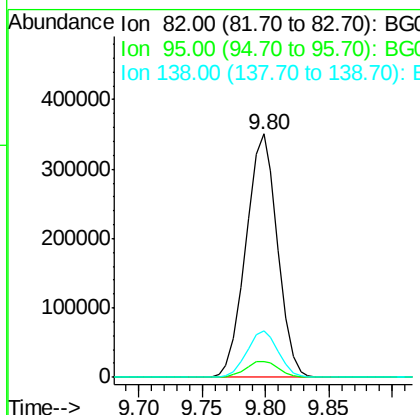
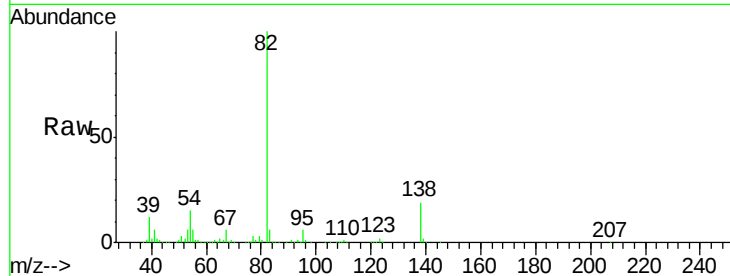
#25
Isophorone
Concen: 41.26 ng
RT: 9.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	7.5	11.3#	
138	19.2	12.3	18.5#	

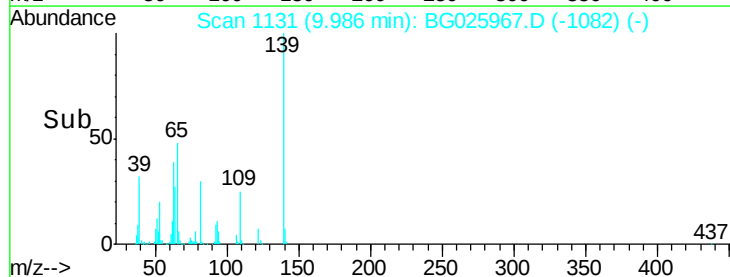
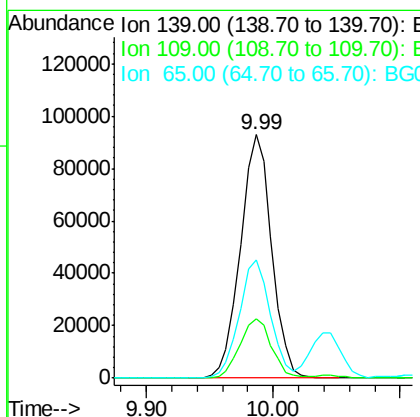
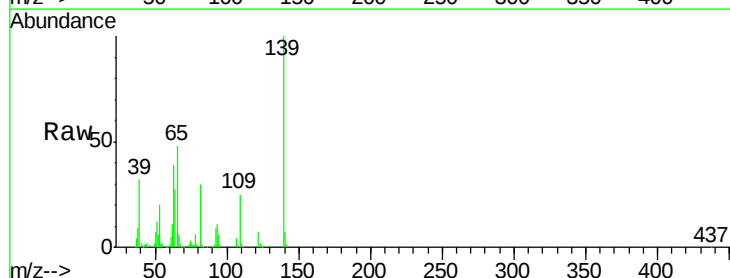
Manual Integrations
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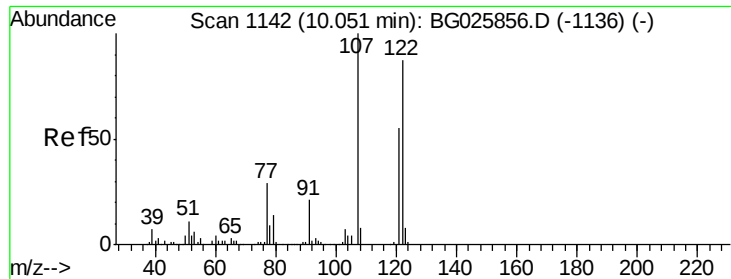
mohammad
3/1/2017 12:37:37 PM



#26
2-Nitrophenol
Concen: 46.89 ng
RT: 9.99 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.5	38.6	58.0#	
65	48.5	57.1	85.7#	





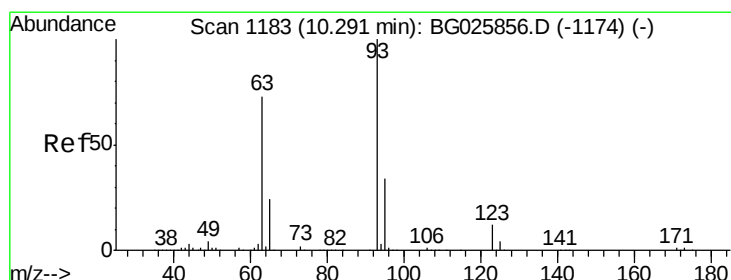
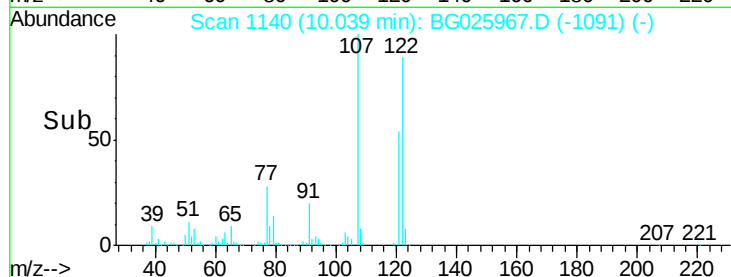
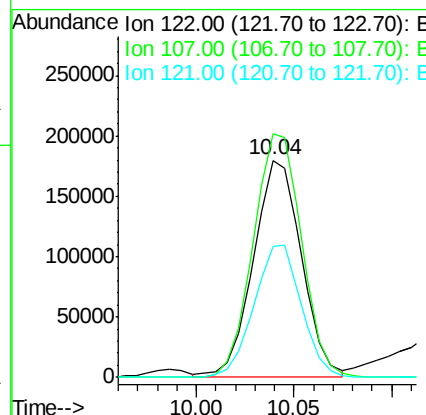
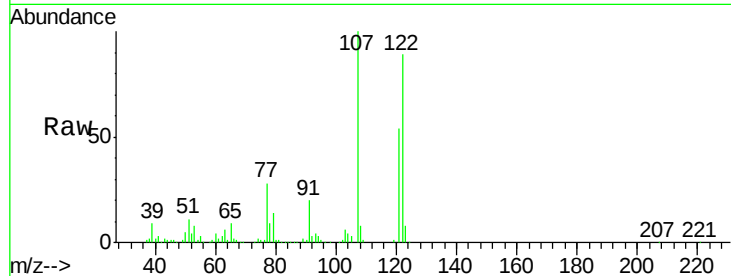
#27
2,4-Dimethylphenol
Concen: 48.36 ng
RT: 10.04 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	104.2	156.4
121	60.4	46.0	69.0

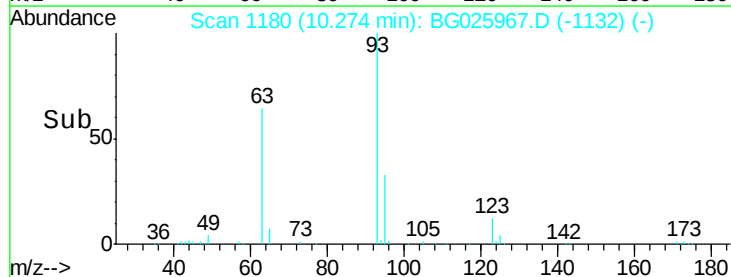
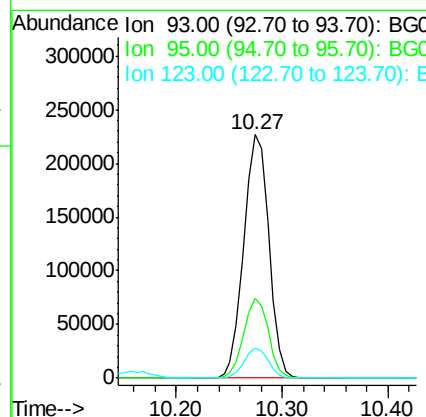
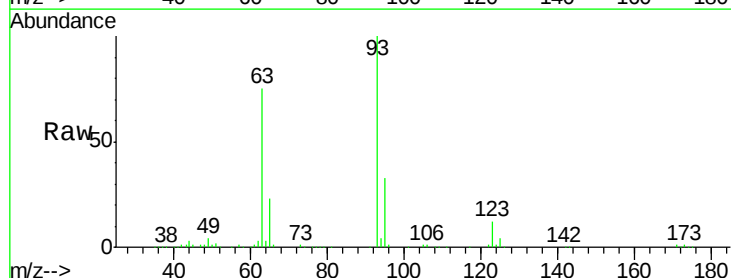
Manual Integrations
APPROVED

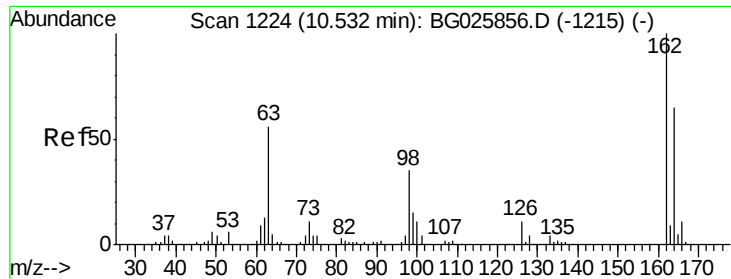
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.08 ng
RT: 10.27 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	12.2	8.3	12.5





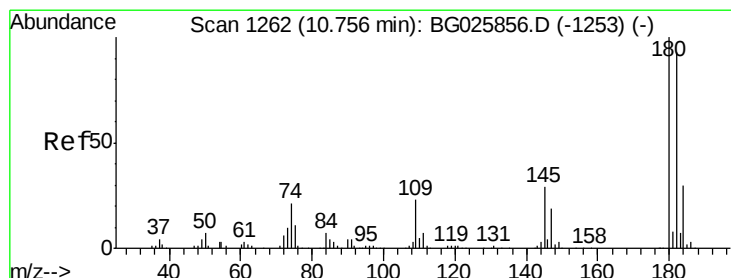
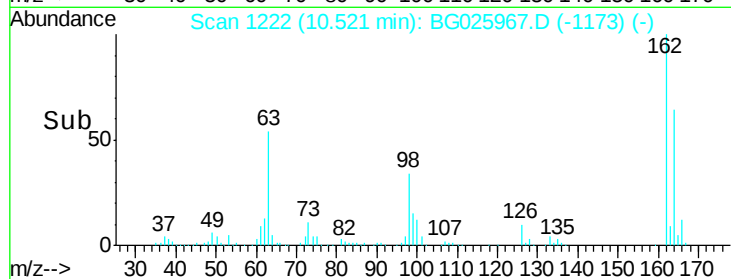
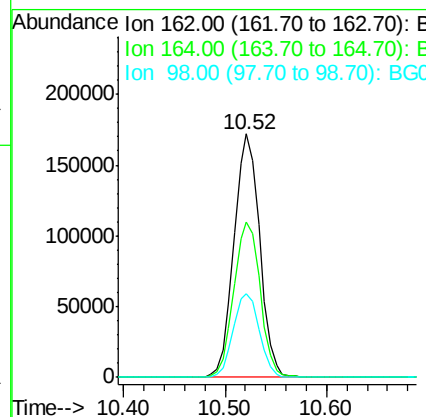
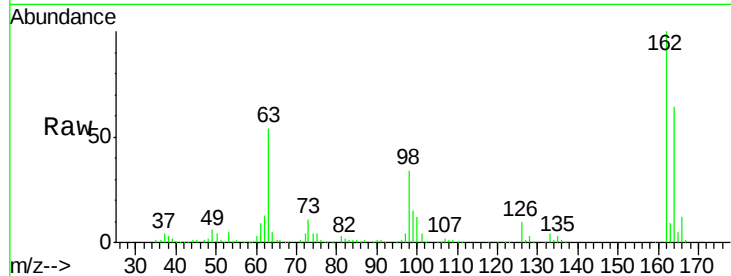
#29
2,4-Dichlorophenol
Concen: 50.35 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	302368		
164	63.7	42.4	82.4	
98	34.5	20.3	60.3	

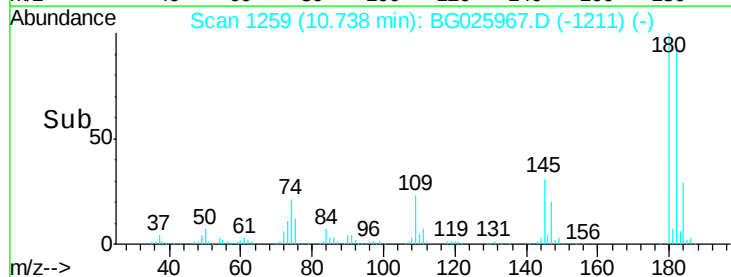
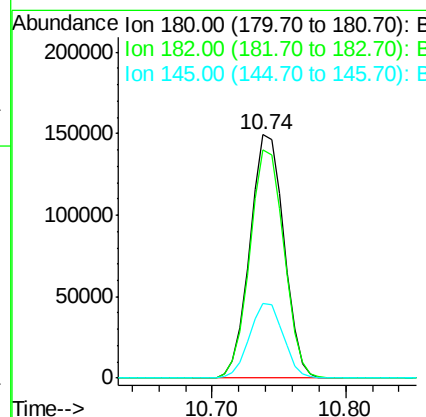
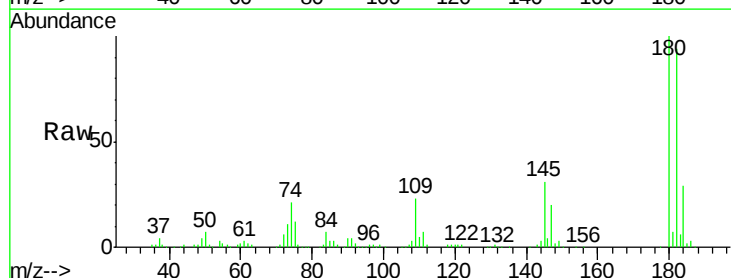
Manual Integrations
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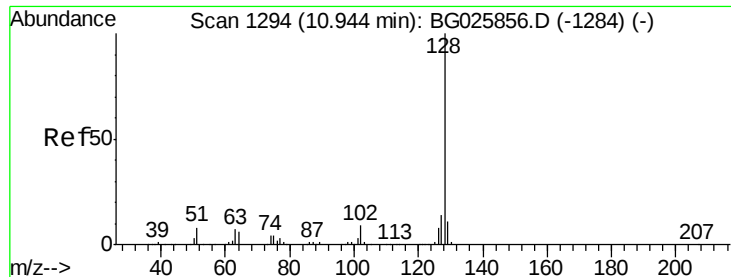
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.14 ng
RT: 10.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262129		
182	93.7	77.0	115.4	
145	30.7	23.4	35.0	





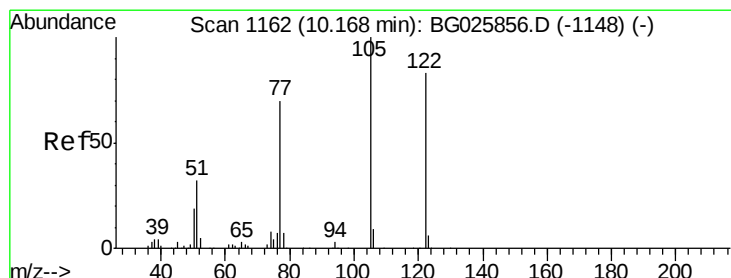
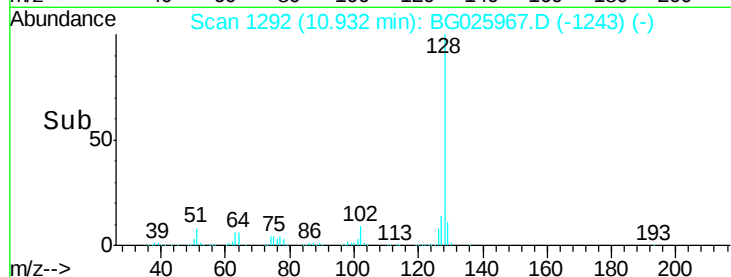
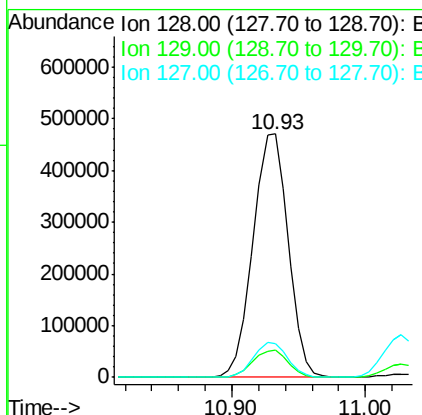
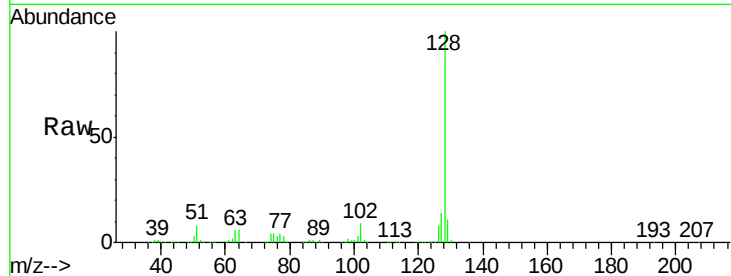
#31
Naphthalene
Concen: 39.39 ng
RT: 10.93 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

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

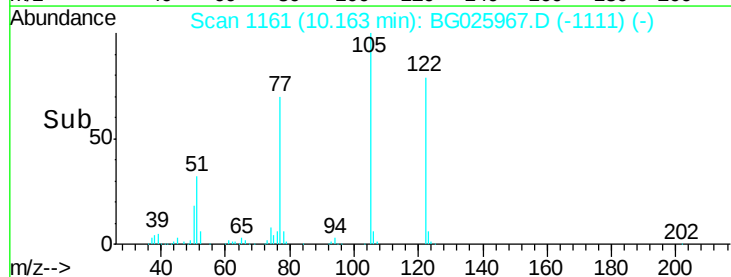
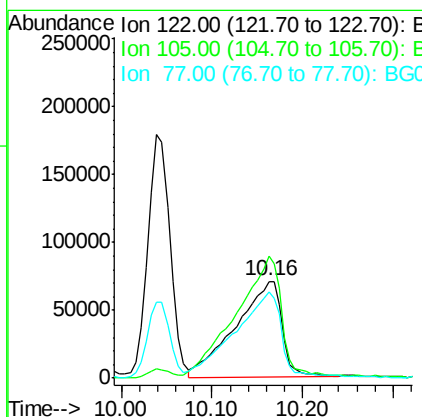
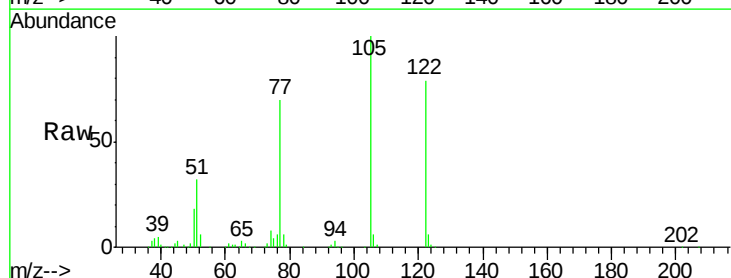
Manual Integrations
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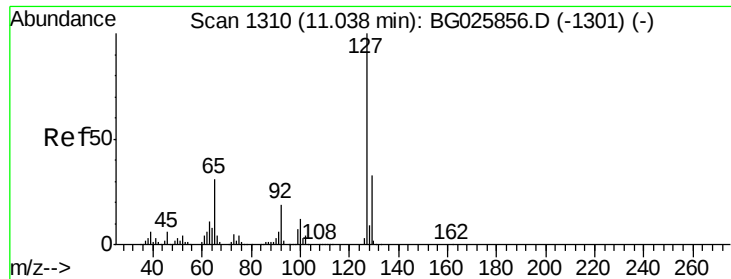
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#32
Benzoic acid
Concen: 51.71 ng
RT: 10.16 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.9	120.1	160.1	
77	88.4	104.6	144.6	





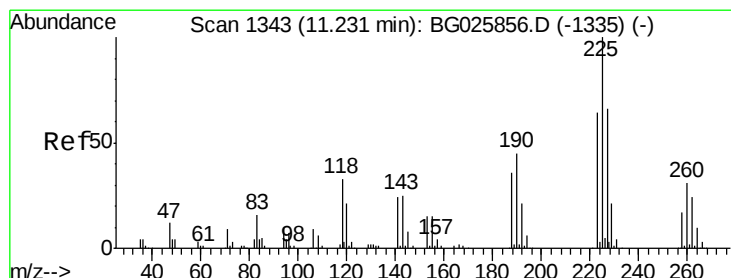
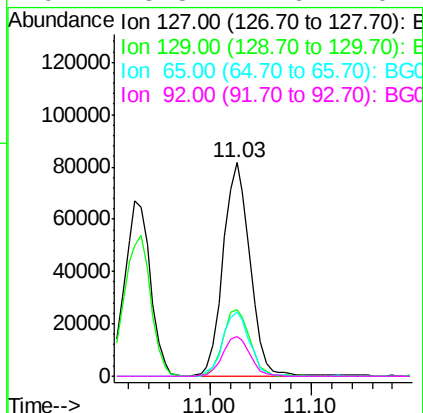
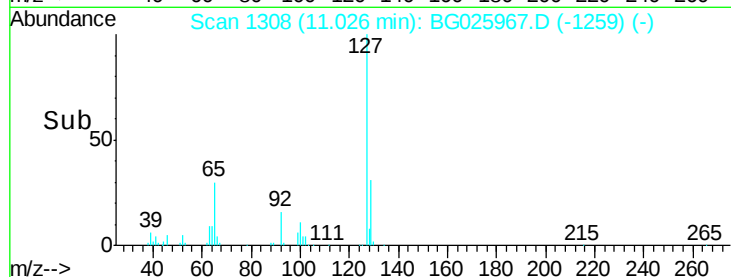
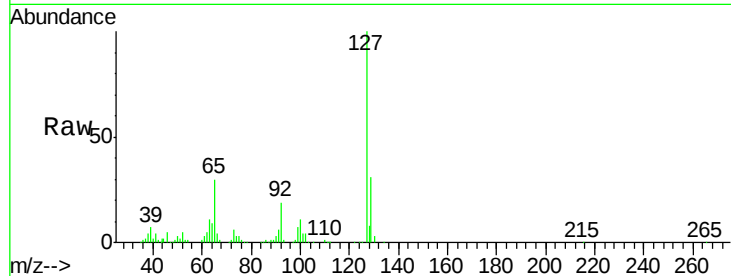
#33
4-Chloroaniline
Concen: 15.89 ng
RT: 11.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	23.6	35.4	
65	30.0	37.7	56.5	
92	18.8	17.6	26.4	

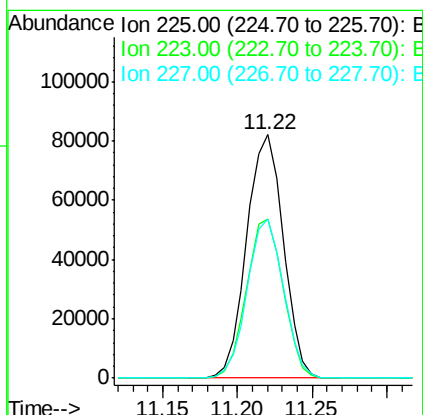
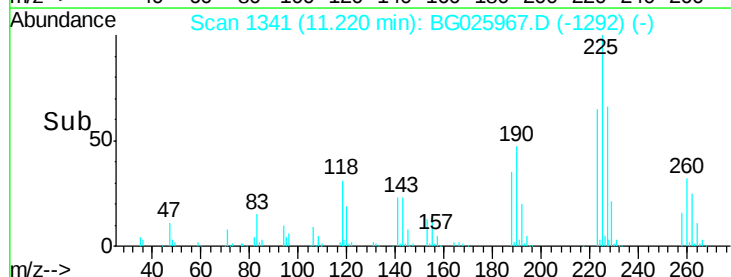
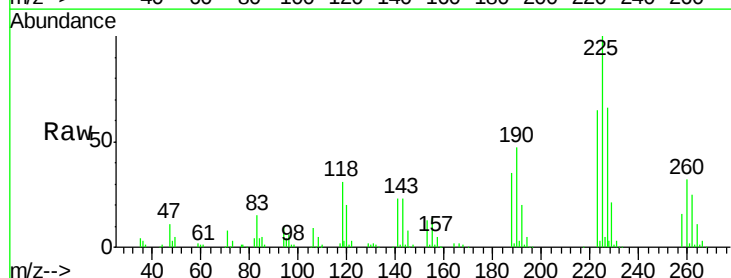
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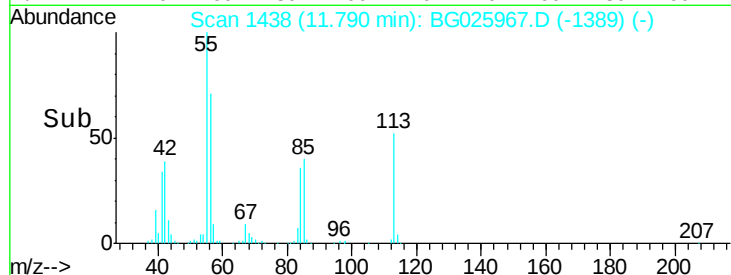
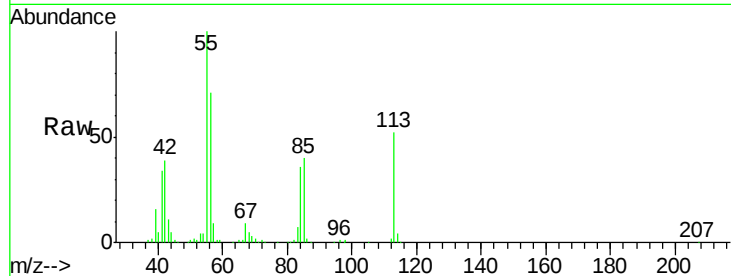
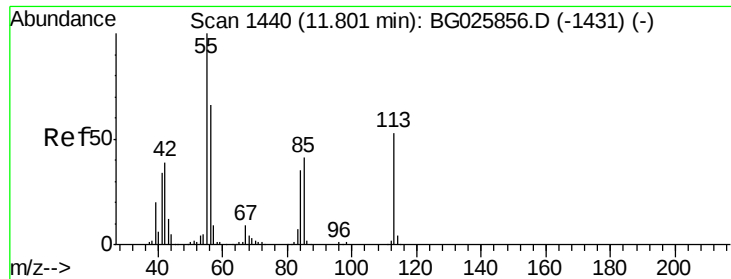
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#34
Hexachlorobutadiene
Concen: 37.48 ng
RT: 11.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	50.7	76.1	
227	65.5	49.0	73.6	





#35

Caprolactam

Concen: 57.61 ng/ml

RT: 11.79 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

ClientSampleID :

PB97190BS

Tot Ion:113 Resp: 139703

Ion Ratio Lower Upper

113 100

55 192.4 198.6 238.6#

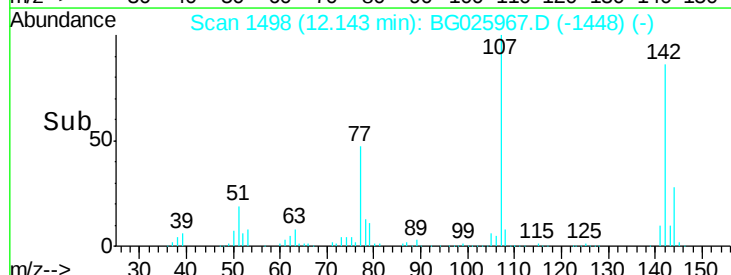
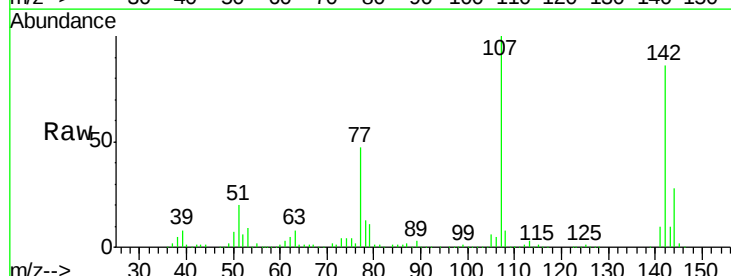
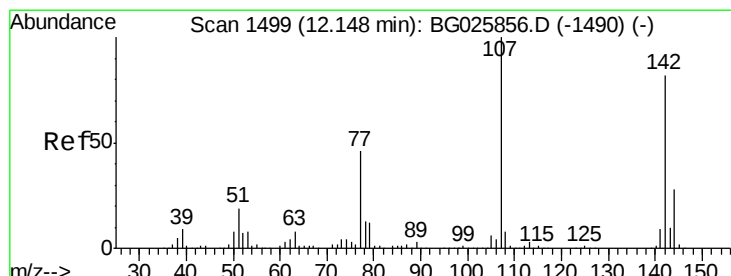
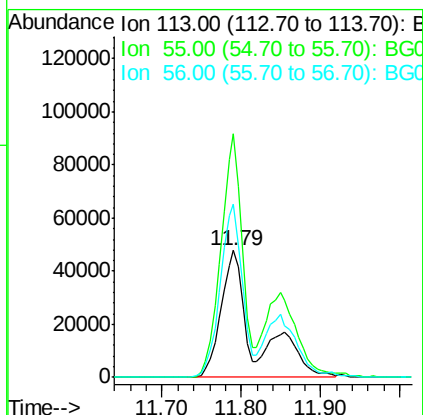
56 137.1 140.4 180.4#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 52.19 ng/ml

RT: 12.14 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

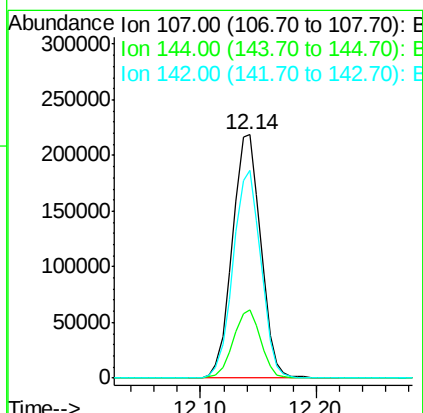
Tgt Ion:107 Resp: 374931

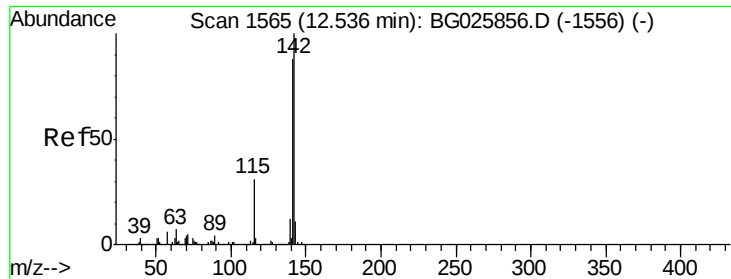
Ion Ratio Lower Upper

107 100

144 28.1 17.4 26.0#

142 85.5 54.1 81.1#





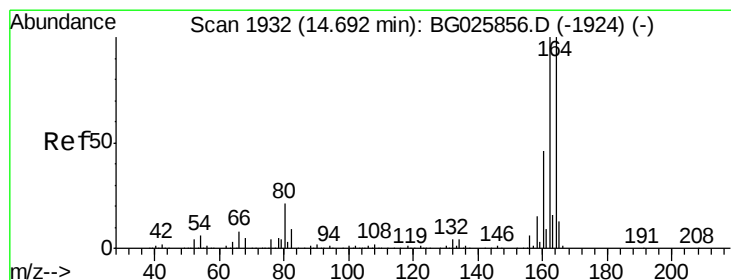
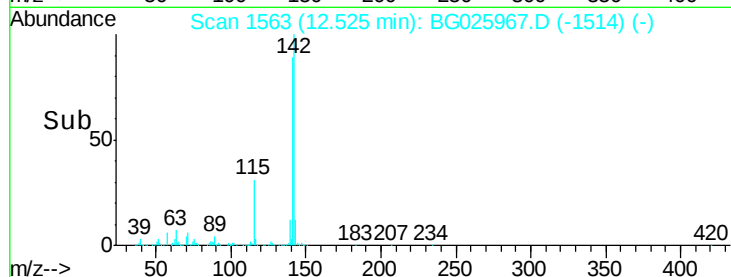
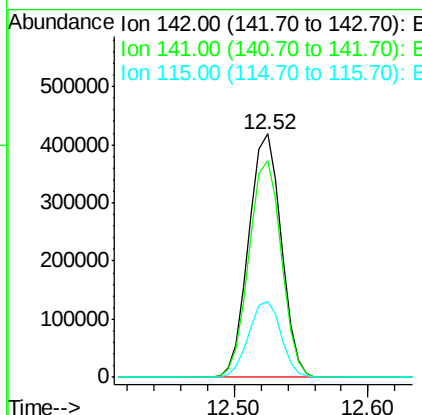
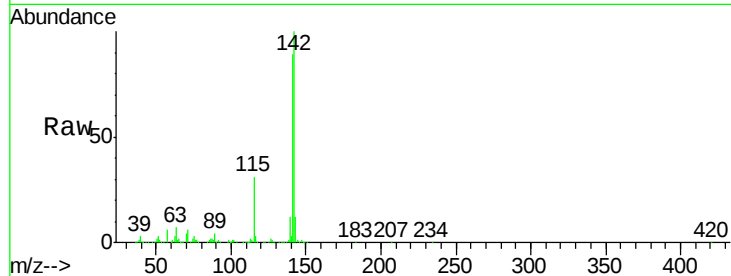
#37
2-Methylnaphthalene
Concen: 42.47 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.4	105.6
115	31.3	35.5	53.3

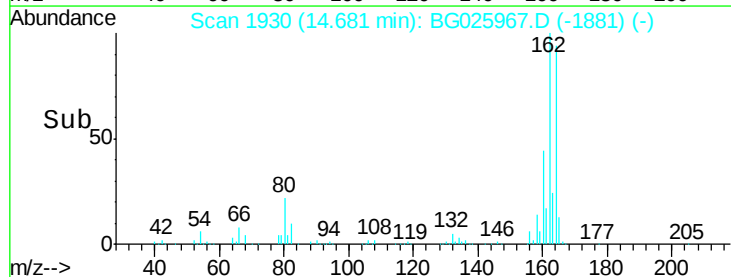
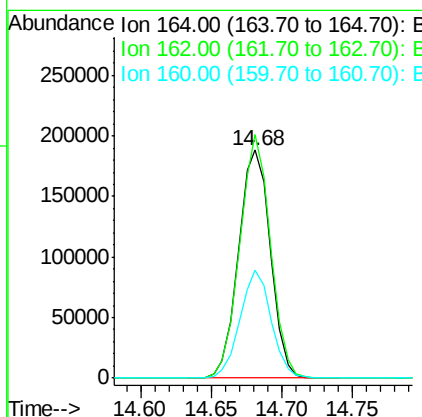
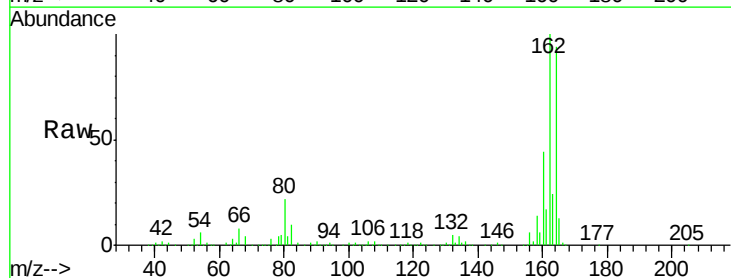
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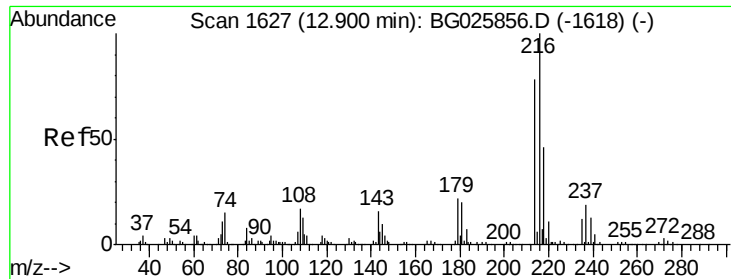
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	47.4	34.7	52.1





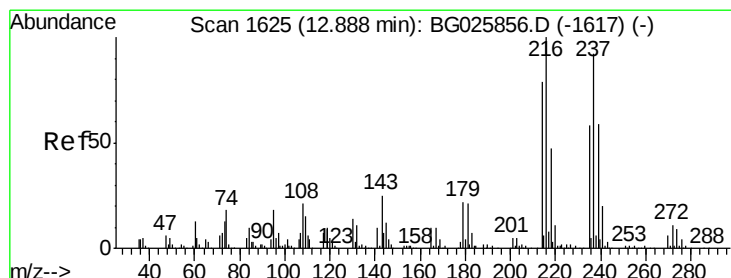
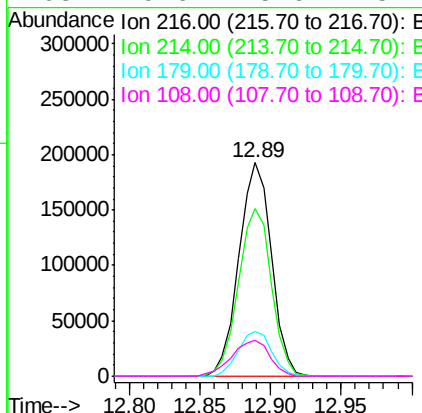
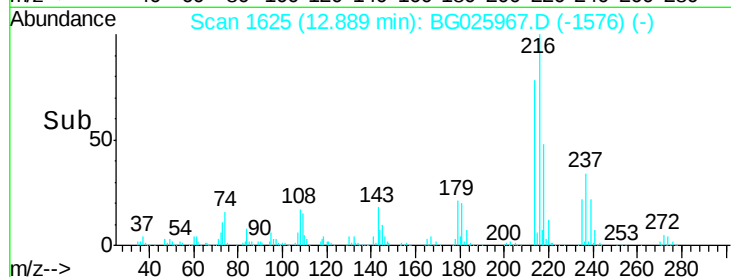
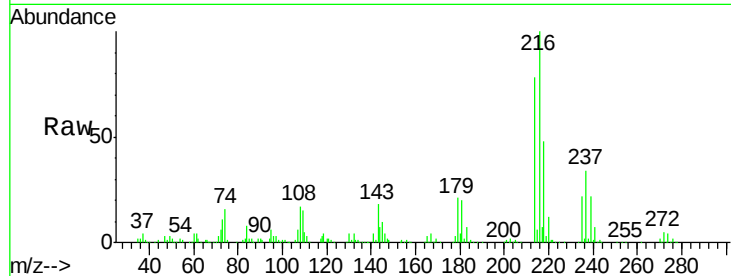
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.79 ng
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.4	96.6
179	21.5	17.4	26.0
108	19.6	15.6	23.4

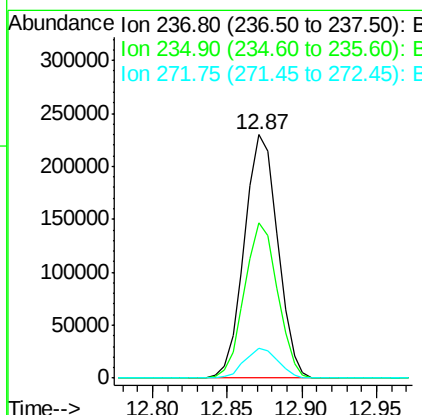
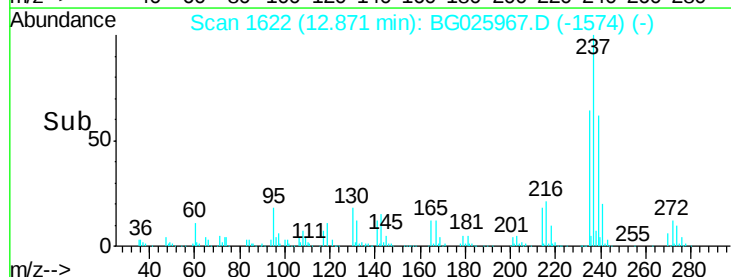
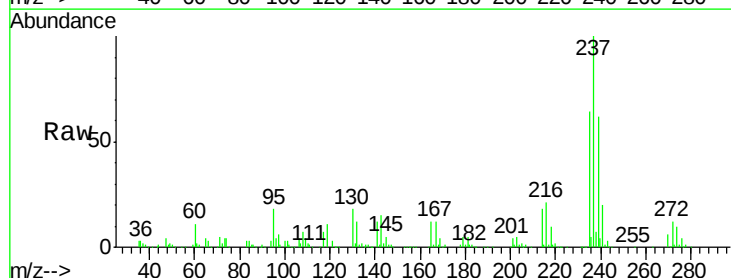
Manual Integrations
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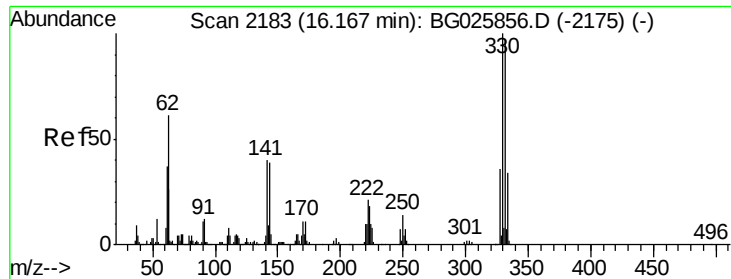
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#40
 Hexachlorocyclopentadiene
 Concen: 87.20 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	39.4	79.4
272	12.1	0.0	32.0





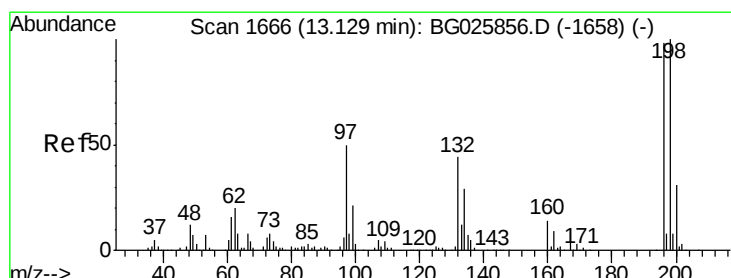
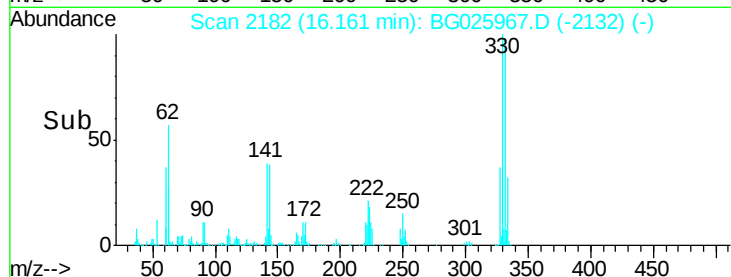
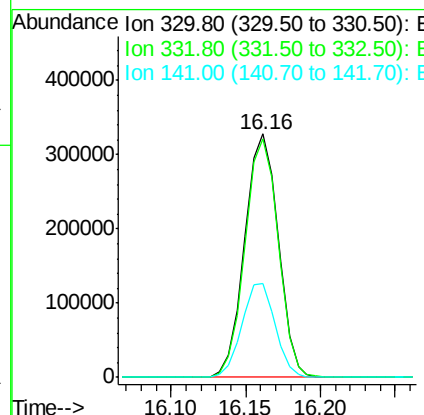
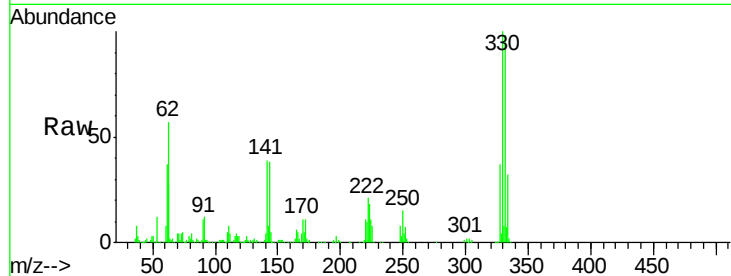
#41
 2,4,6-Tribromophenol
 Concen: 186.13 ng
 RT: 16.16 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	38.8	32.1	48.1

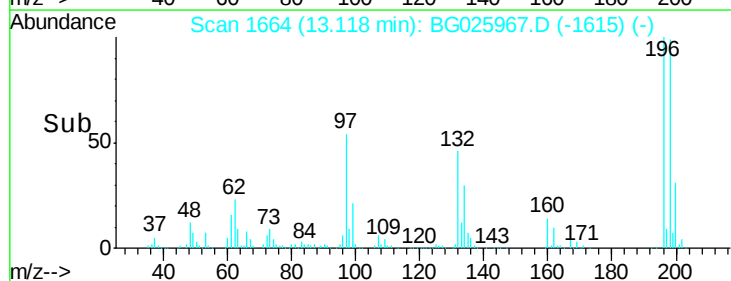
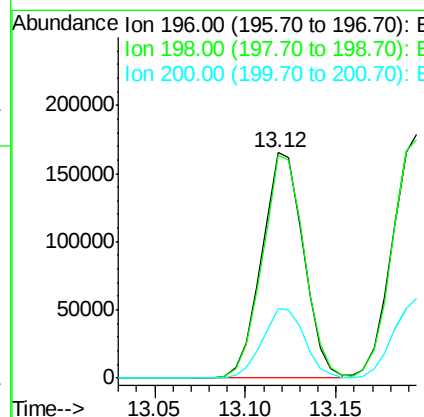
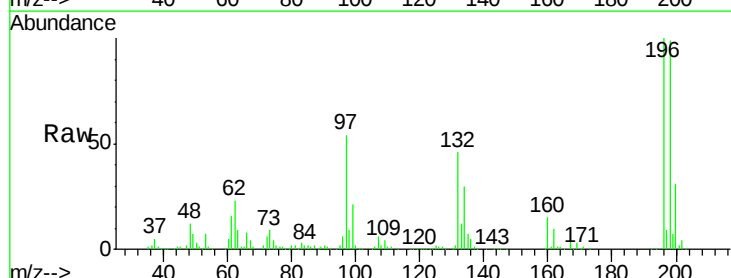
Manual Integrations
 APPROVED

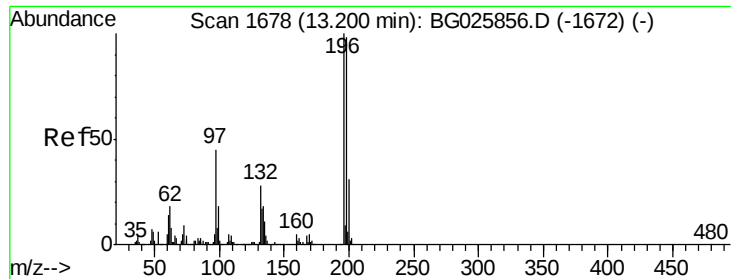
mohammad
 3/1/2017 12:37:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.13 ng
 RT: 13.12 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	81.4	122.2
200	31.1	27.0	40.6





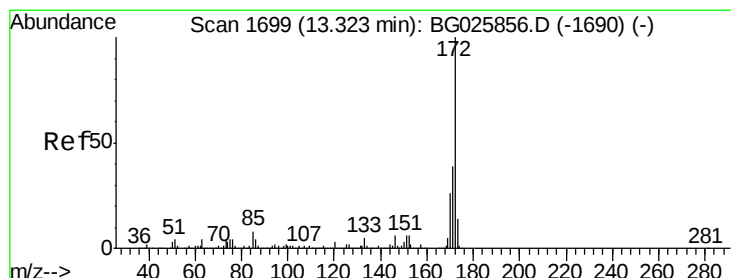
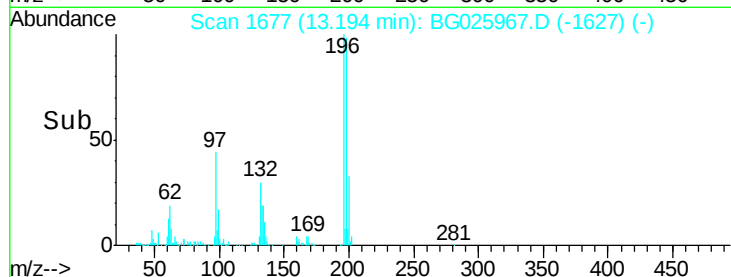
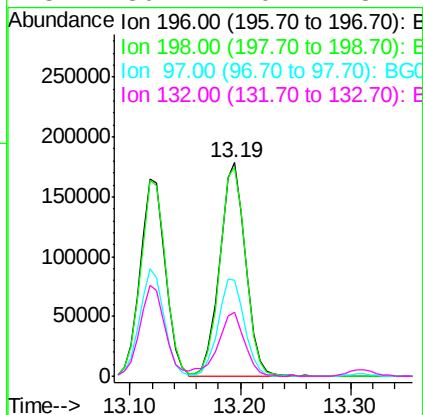
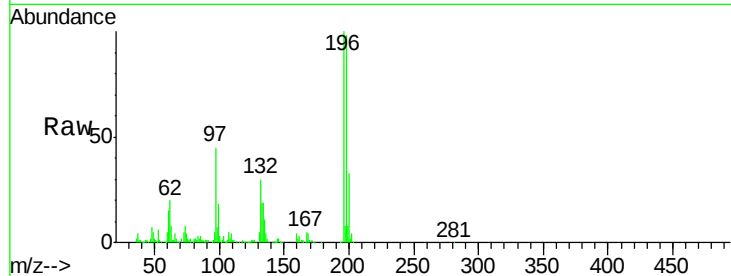
#43
 2,4,5-Trichlorophenol
 Concen: 53.33 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	290738		
198	97.9	79.9	119.9	
97	45.1	45.4	68.0	
132	30.2	20.7	31.1	

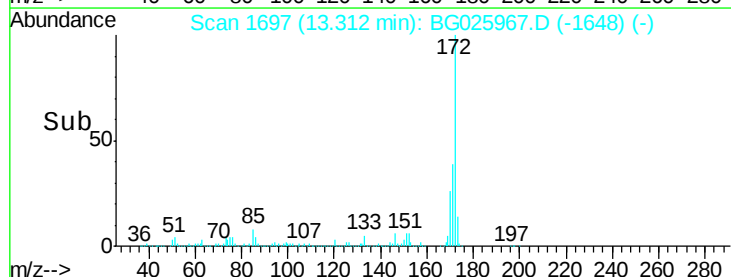
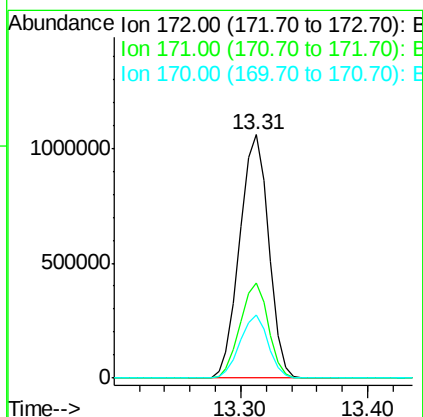
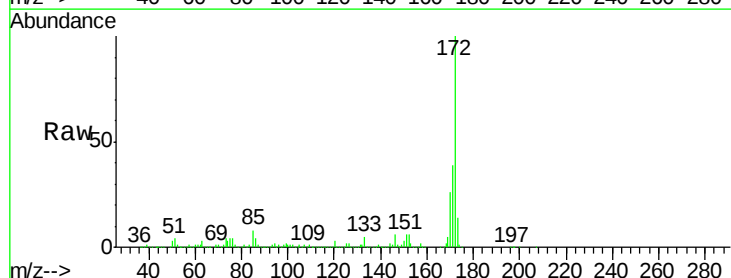
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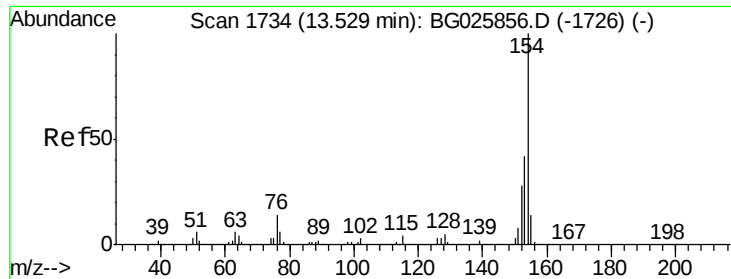
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 98.84 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1678198		
171	38.9	32.2	48.2	
170	25.8	21.8	32.6	





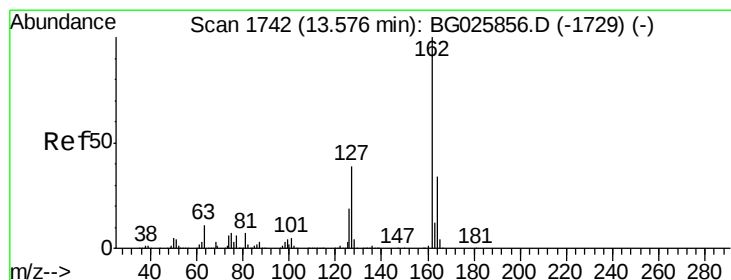
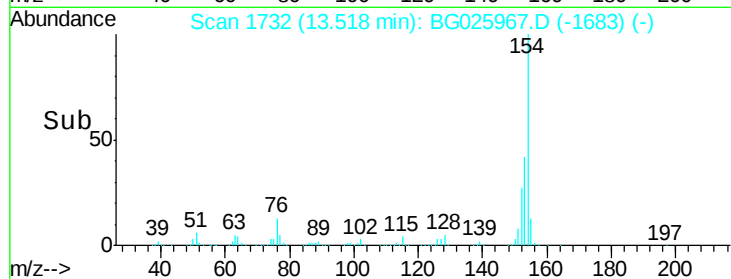
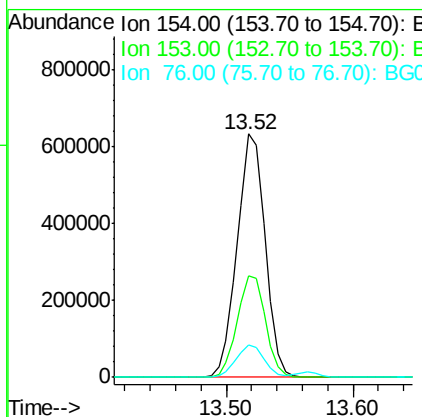
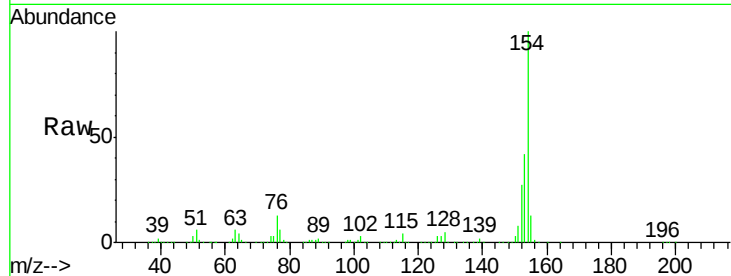
#45
 1,1'-Biphenyl
 Concen: 44.80 ng
 RT: 13.52 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion:	154	Resp:	963187
Ion Ratio	Lower	Upper	
154	100		
153	41.7	23.0	63.0
76	13.3	0.0	33.5

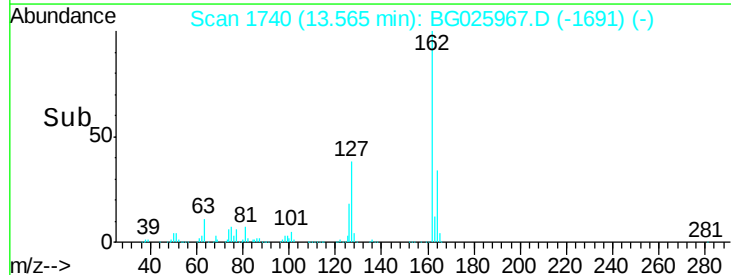
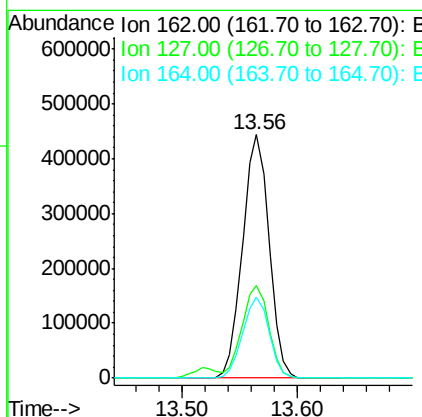
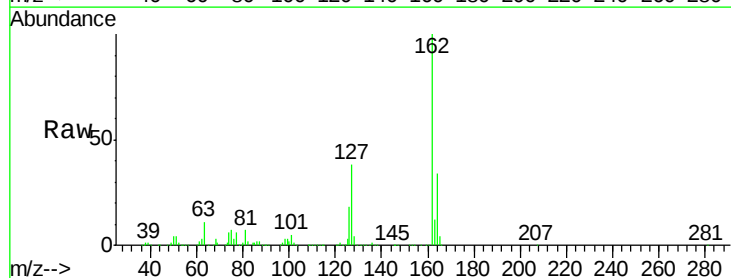
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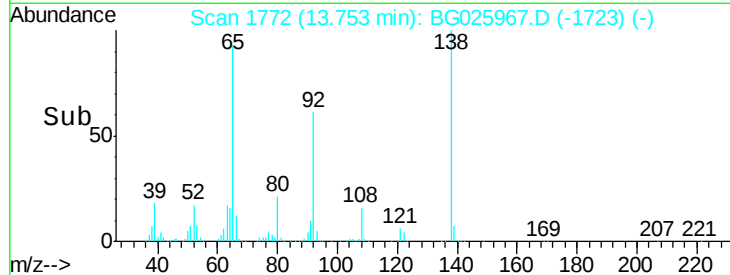
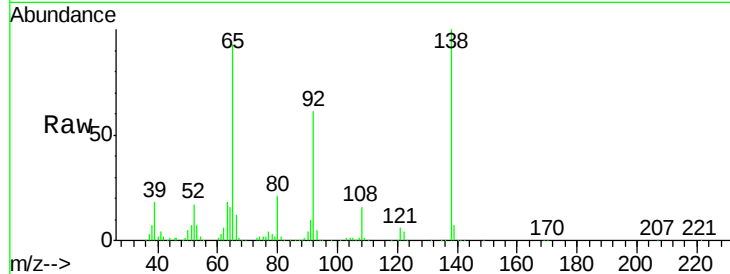
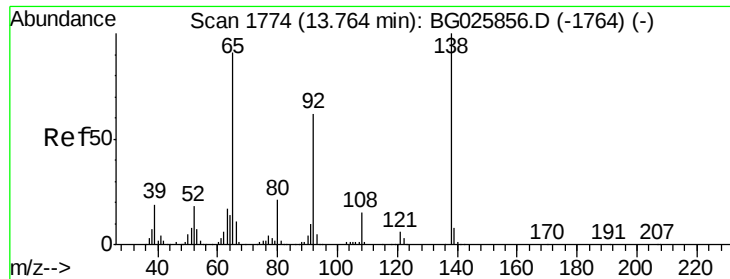
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#46
 2-Chloronaphthalene
 Concen: 45.48 ng
 RT: 13.56 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion:	162	Resp:	706933
Ion Ratio	Lower	Upper	
162	100		
127	38.0	32.2	48.4
164	33.5	27.3	40.9





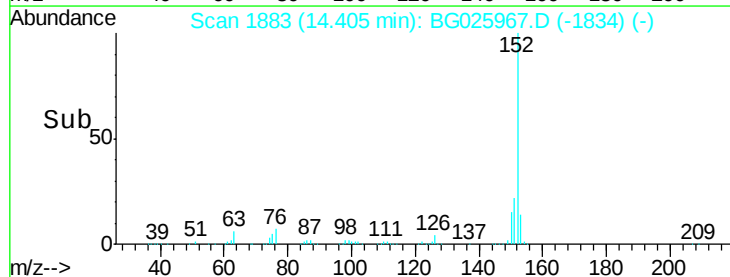
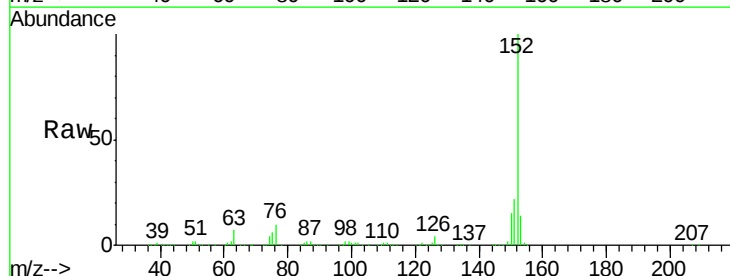
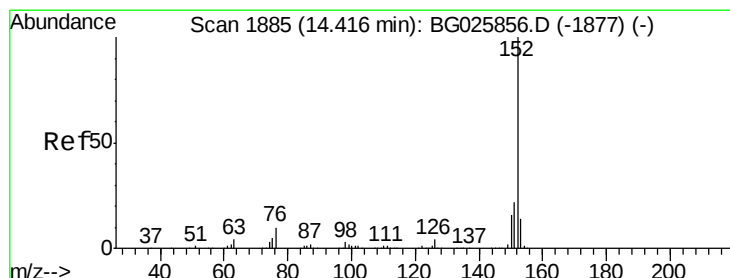
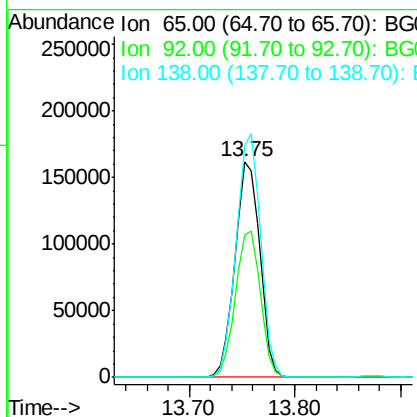
#47
2-Nitroaniline
Concen: 53.40 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	49.0	73.4
138	107.5	58.6	87.8

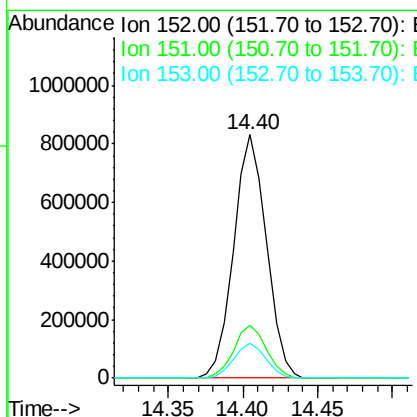
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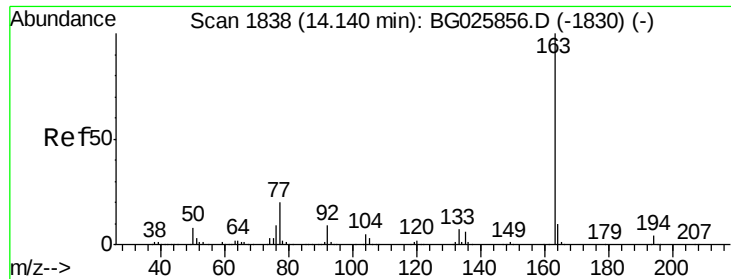
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#48
Acenaphthylene
Concen: 45.80 ng
RT: 14.40 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.2
153	14.2	11.3	16.9





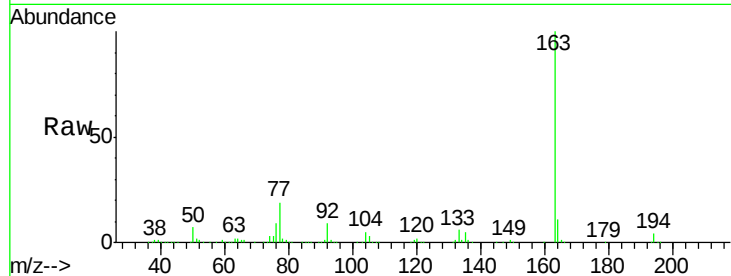
#49
Dimethylphthalate
Concen: 50.59 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

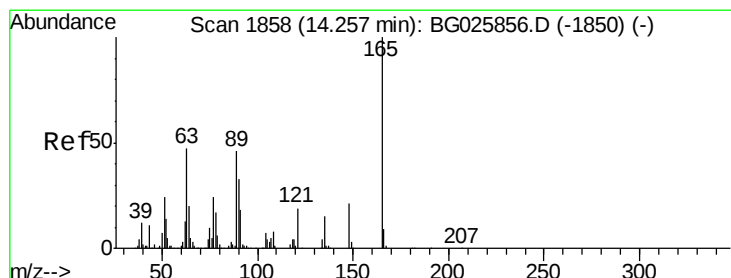
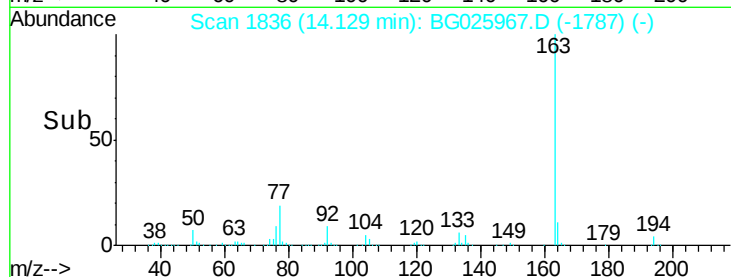
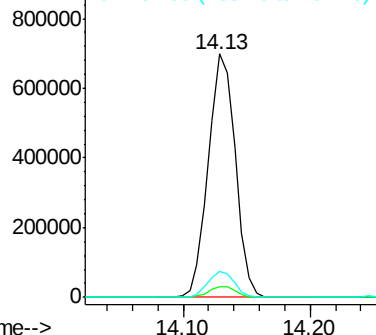
Tot Ion:163 Resp: 1029824
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.6 9.3 13.9

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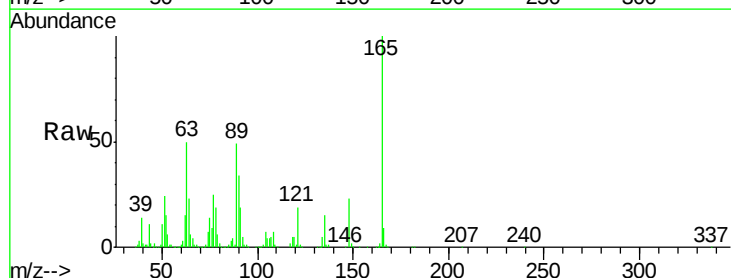


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

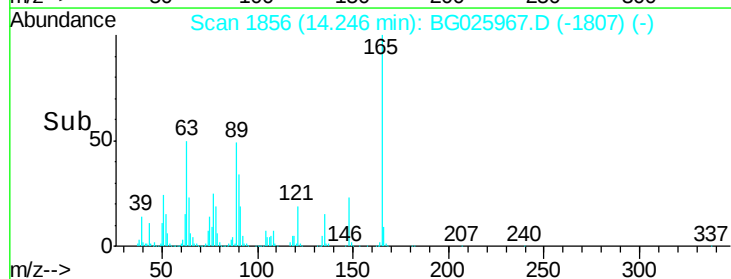
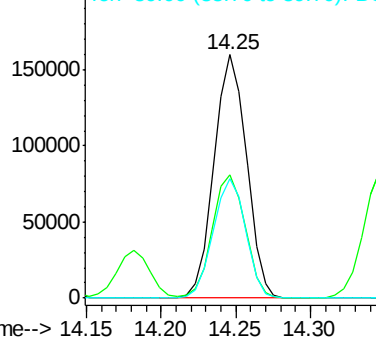


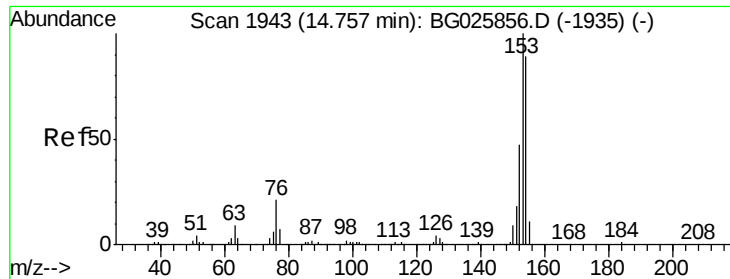
#50
2,6-Dinitrotoluene
Concen: 52.71 ng
RT: 14.25 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion:165 Resp: 240986
Ion Ratio Lower Upper
165 100
63 50.4 63.9 95.9#
89 49.0 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 51.51 ng

RT: 14.75 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

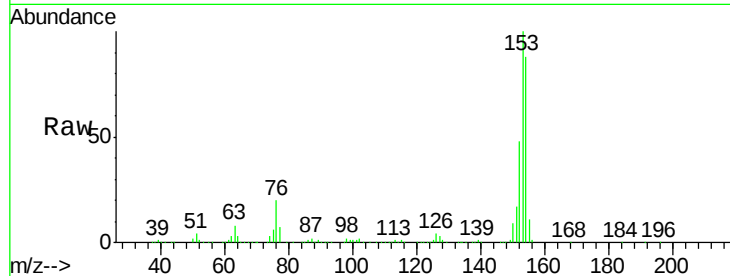
ClientSampleId :

PB97190BS

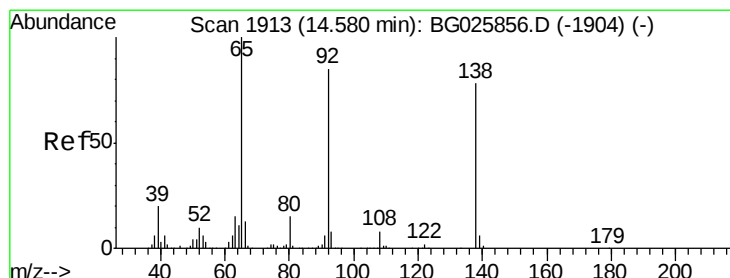
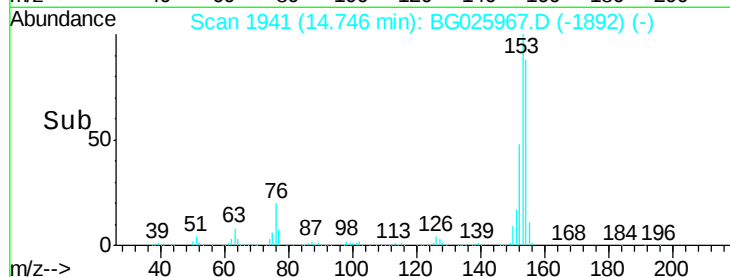
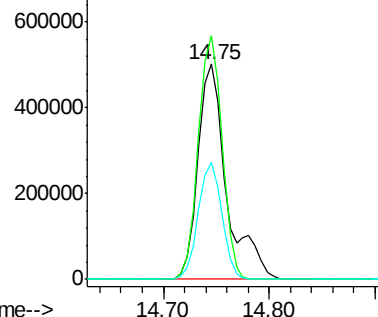
Tot Ion:	154	Resp:	941527
Ion Ratio	Lower	Upper	
154	100		
153	113.3	87.8	131.6
152	54.4	42.2	63.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.72 ng

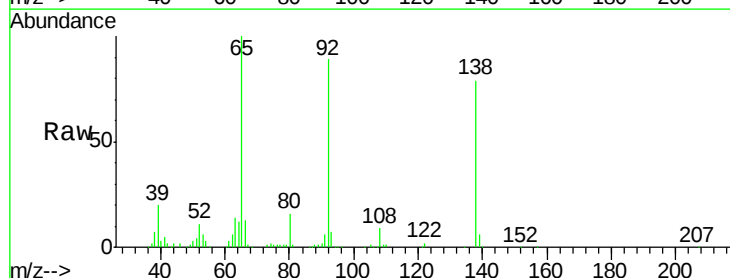
RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

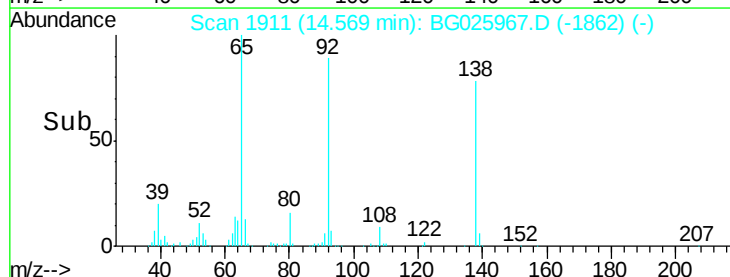
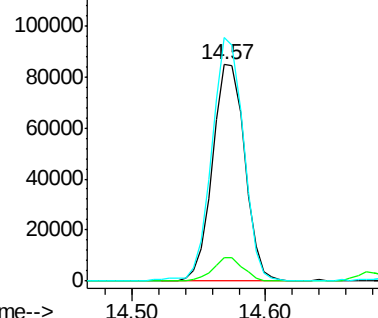
Lab File: BG025967.D

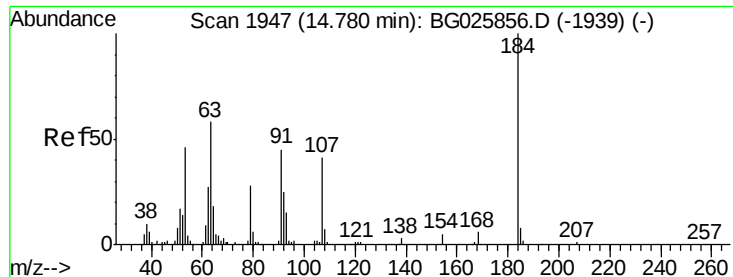
Acq: 27 Feb 2017 17:12

Tgt Ion:	138	Resp:	141751
Ion Ratio	Lower	Upper	
138	100		
108	11.0	10.9	16.3
92	112.7	115.3	172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





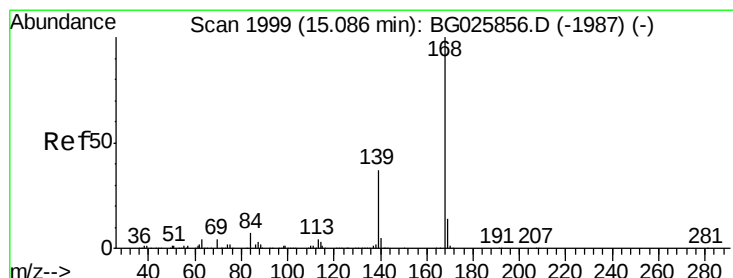
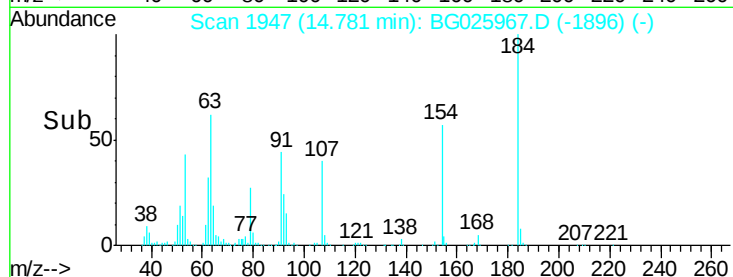
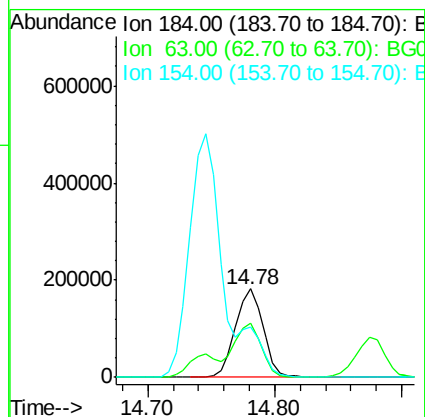
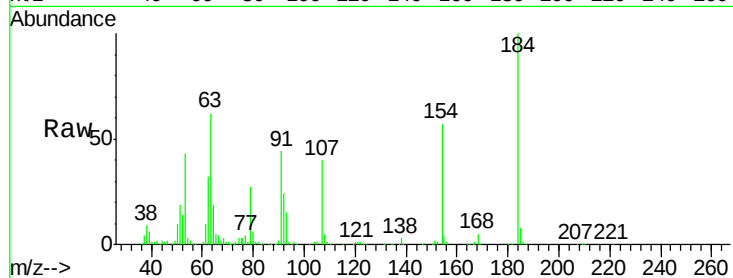
#53
2,4-Dinitrophenol
Concen: 116.14 ng
RT: 14.78 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.7	52.7	79.1
154	56.7	57.3	85.9

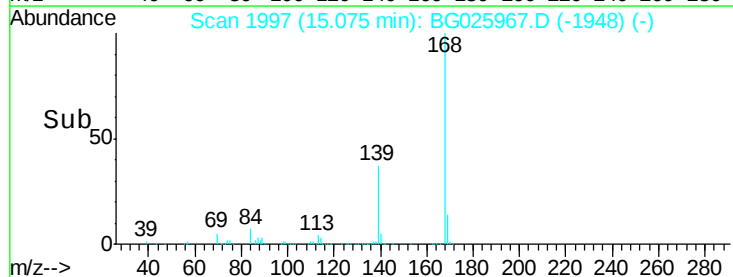
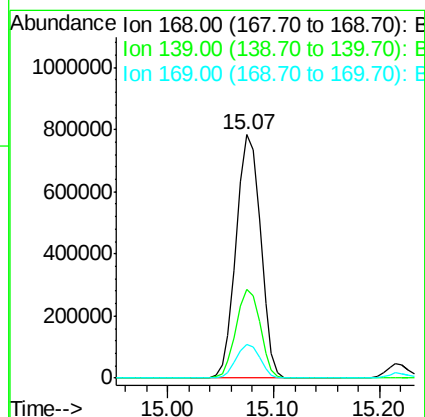
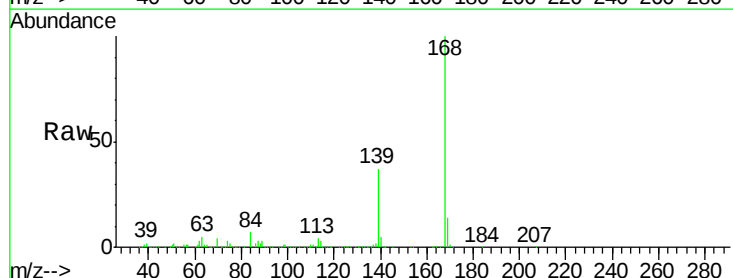
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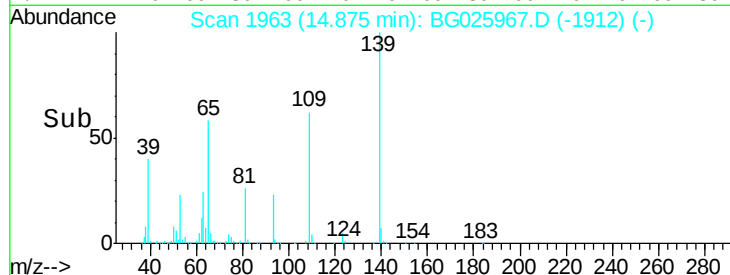
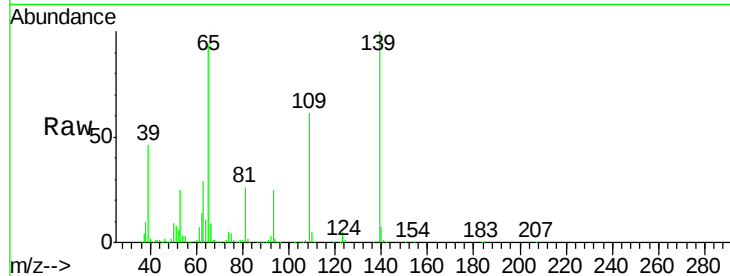
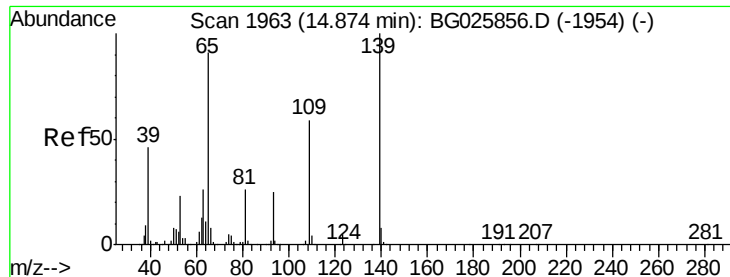
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#54
Dibenzofuran
Concen: 51.31 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	35.3	52.9
169	14.0	11.5	17.3





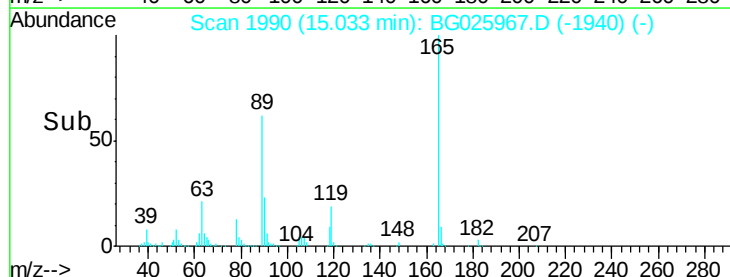
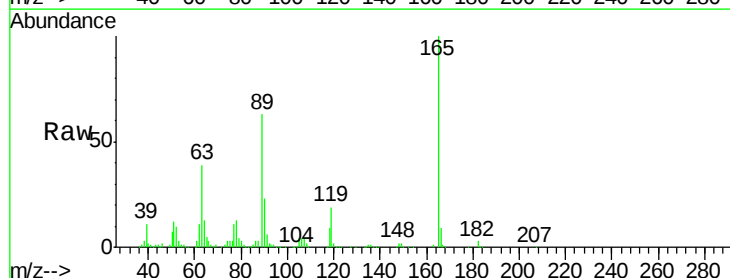
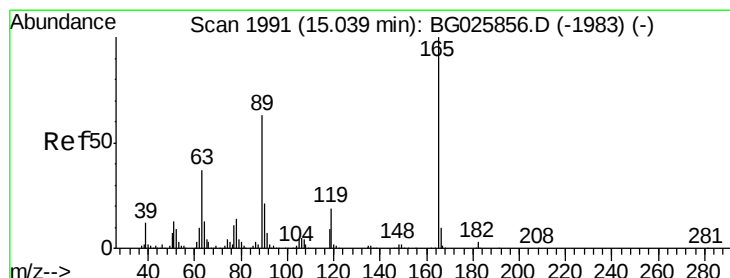
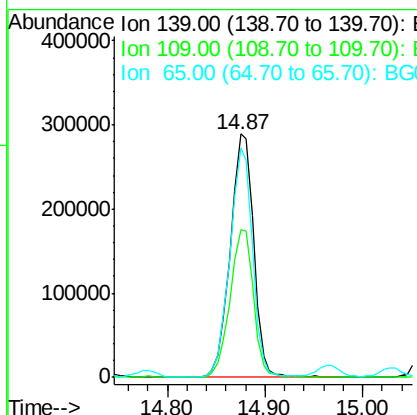
#55
4-Nitrophenol
Concen: 115.92 ng
RT: 14.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.7	101.2	141.2#
65	94.4	135.3	175.3#

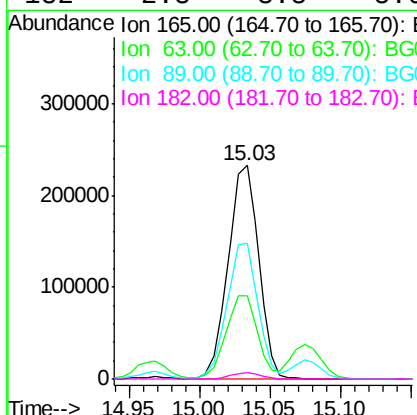
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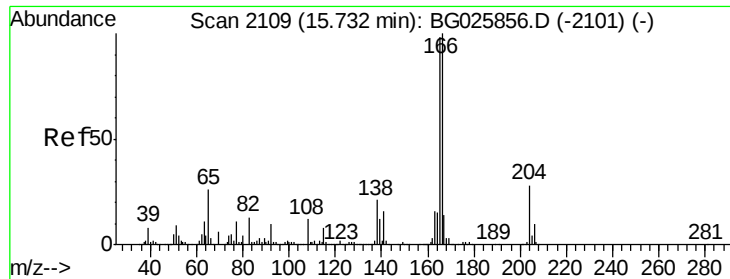
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#56
2,4-Dinitrotoluene
Concen: 57.16 ng
RT: 15.03 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.2	44.0	66.0#
89	63.5	67.3	100.9#
182	2.8	3.8	5.6#





#57

Fluorene

Concen: 48.07 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

ClientSampleId :

PB97190BS

Tot Ion:166 Resp: 1046551

Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

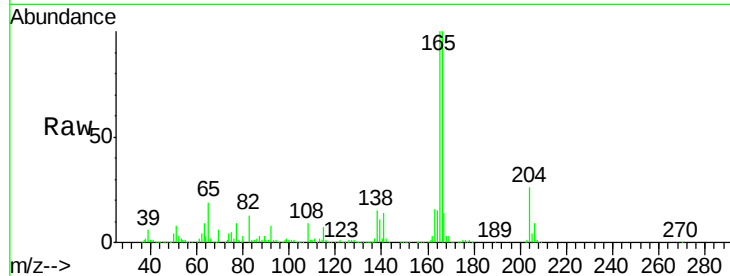
167 13.8 11.6 17.4

Manual Integrations

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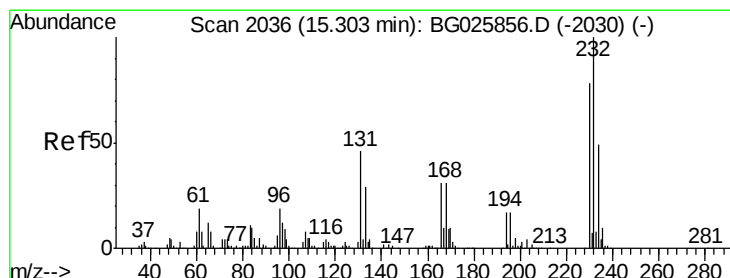
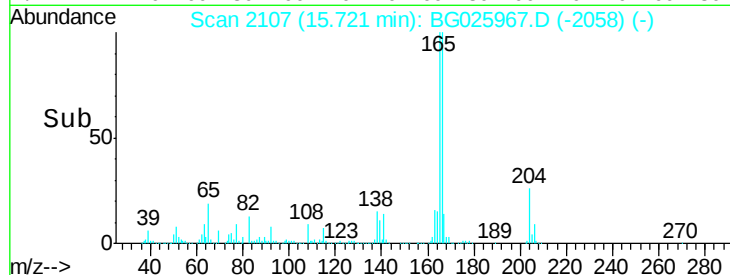
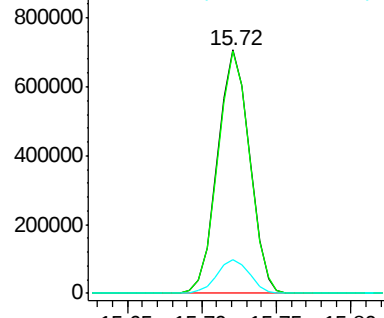
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 59.87 ng

RT: 15.30 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion:232 Resp: 287962

Ion Ratio Lower Upper

232 100

131 46.1 34.9 52.3

130 2.5 2.3 3.5

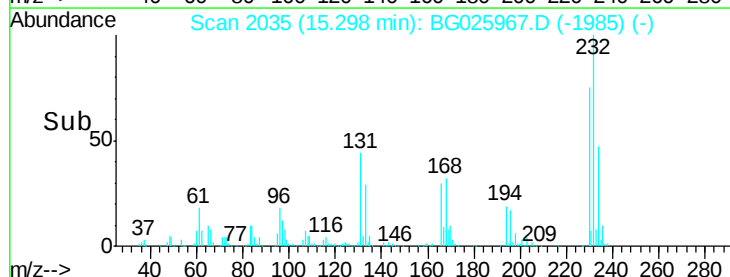
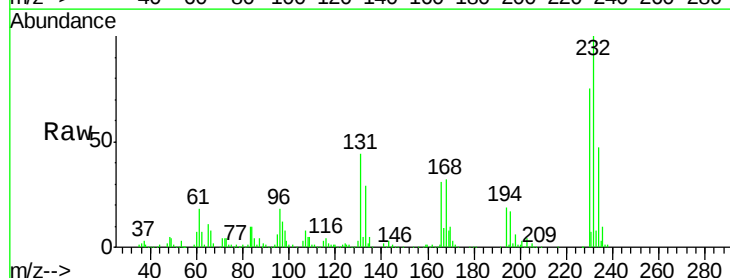
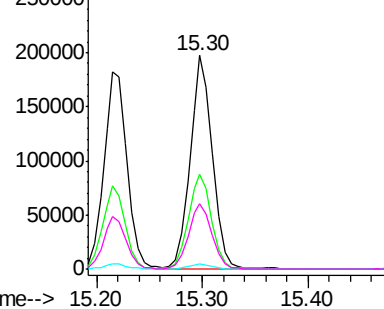
166 32.3 24.2 36.4

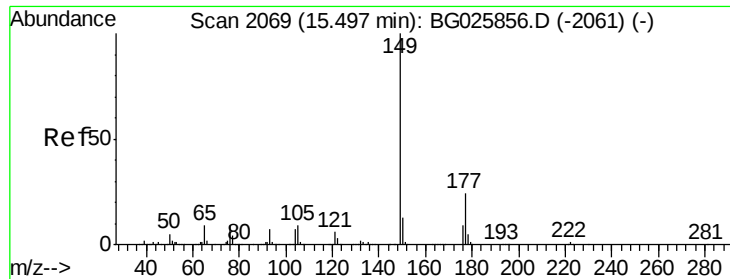
Abundance Ion 232.00 (231.70 to 232.70): E

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





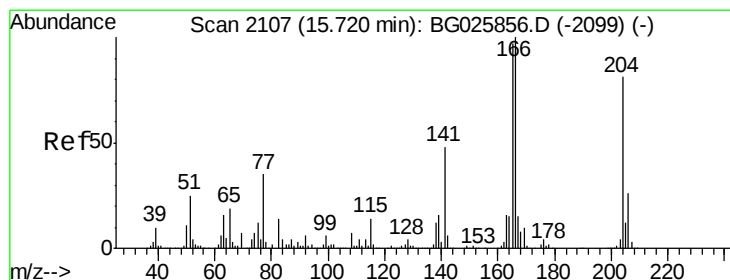
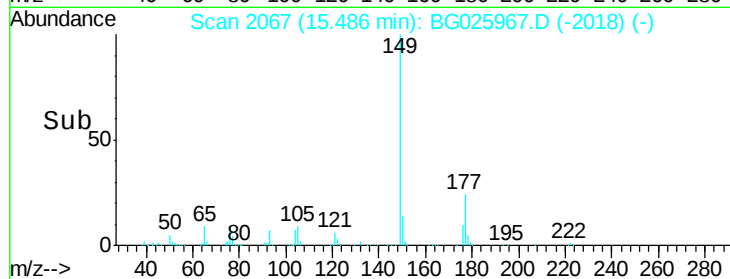
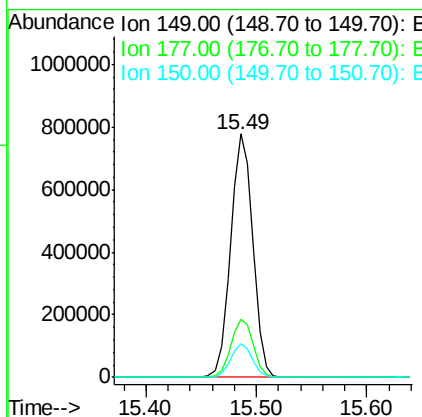
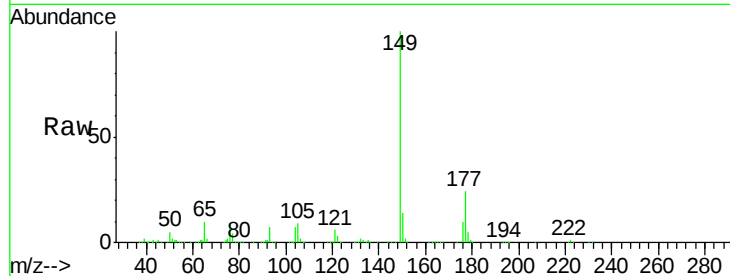
#59
Diethylphthalate
Concen: 51.96 ng
RT: 15.49 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.1	30.1
150	13.8	10.2	15.2

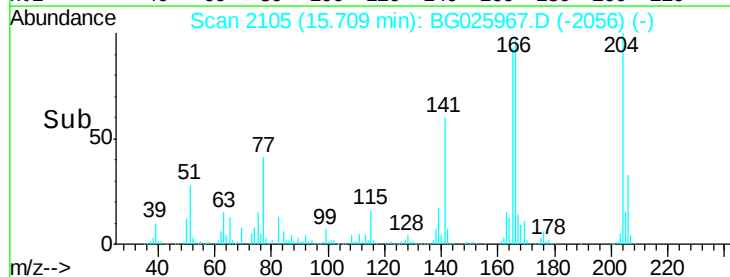
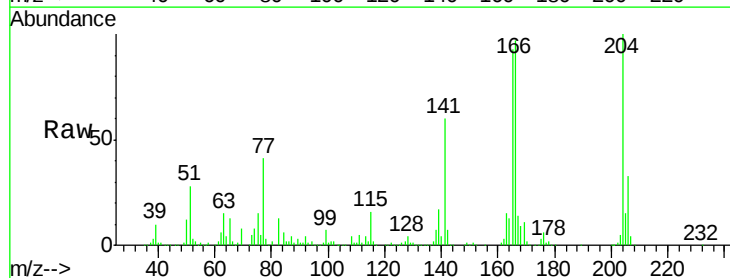
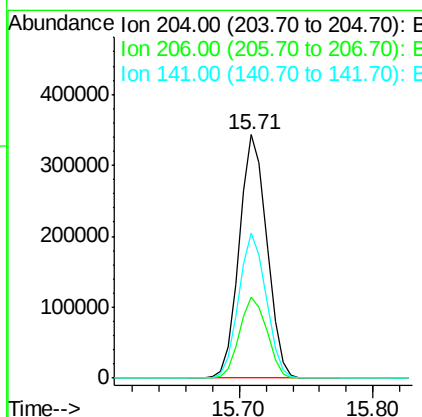
Manual Integrations
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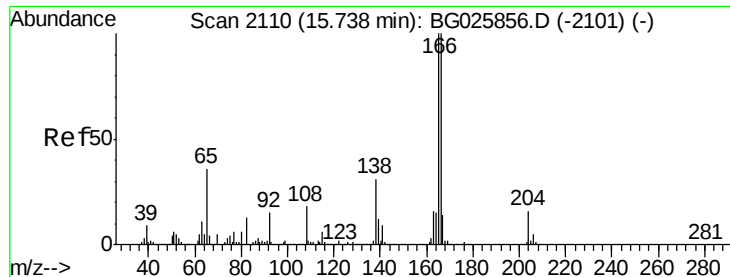
mohammad
3/1/2017 12:37:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.49 ng
RT: 15.71 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	30.1	45.1
141	59.7	50.6	76.0





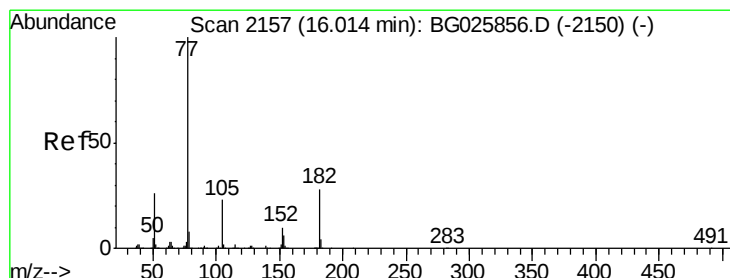
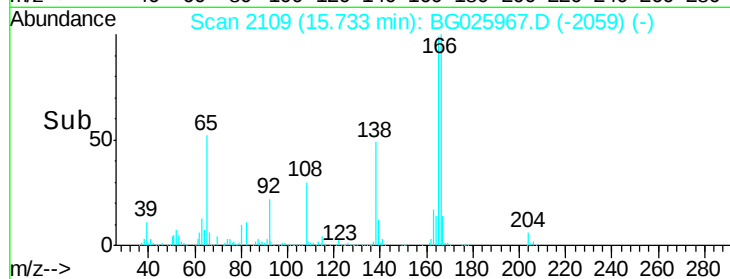
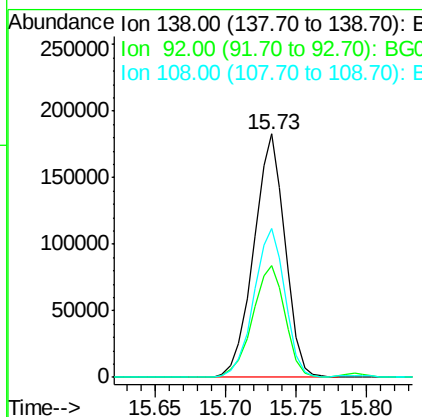
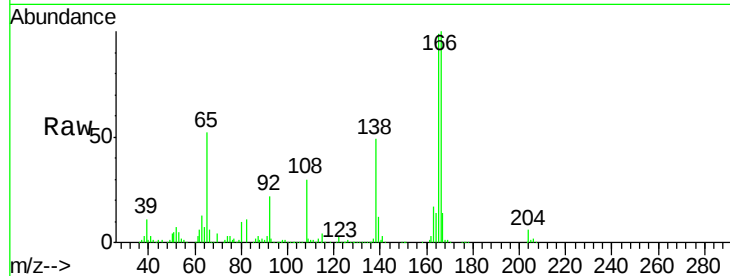
#61
4-Nitroaniline
Concen: 53.73 ng
RT: 15.73 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	284838		
92	45.8	44.2	84.2	
108	61.4	104.8	144.8	

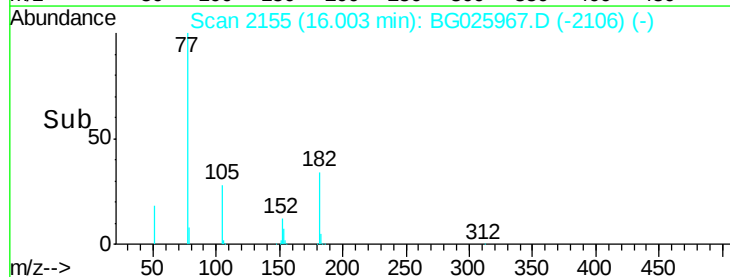
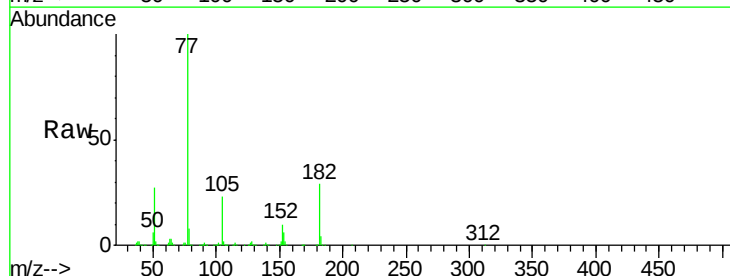
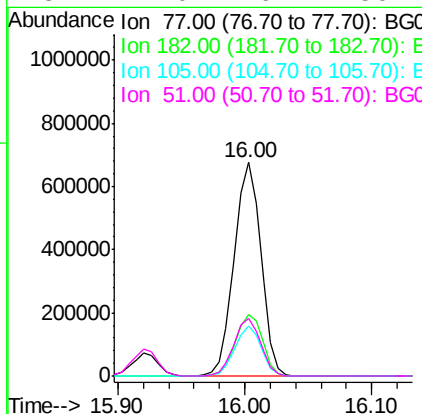
Manual Integrations
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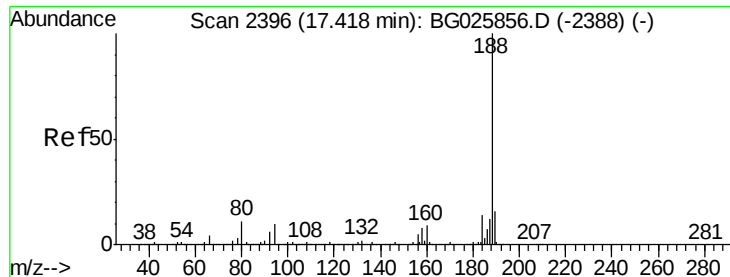
mohammad
3/1/2017 12:37:37 PM



#62
Azobenzene
Concen: 54.48 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	985804		
182	28.5	4.7	44.7	
105	23.1	0.0	36.3	
51	27.0	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: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

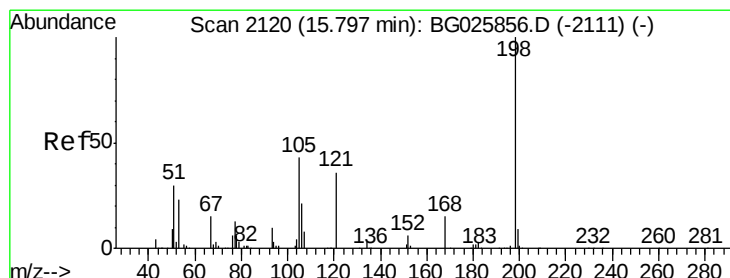
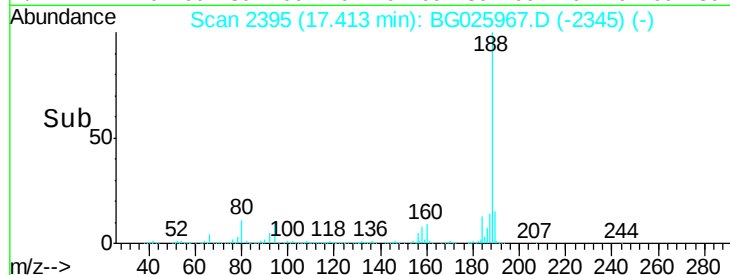
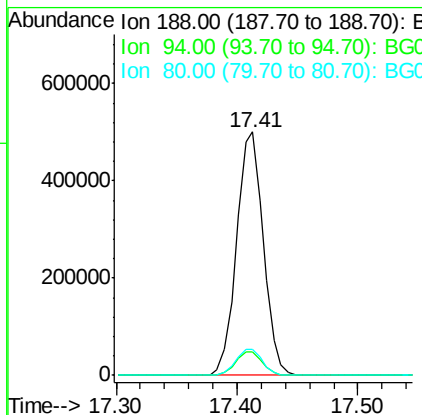
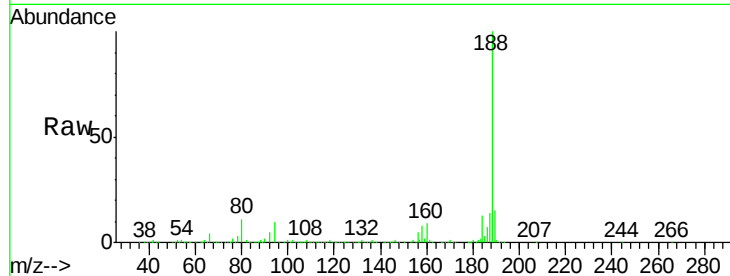
ClientSampleId :

PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	771767		
94	9.8	5.8	8.8#	
80	10.7	7.5	11.3	

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.37 ng

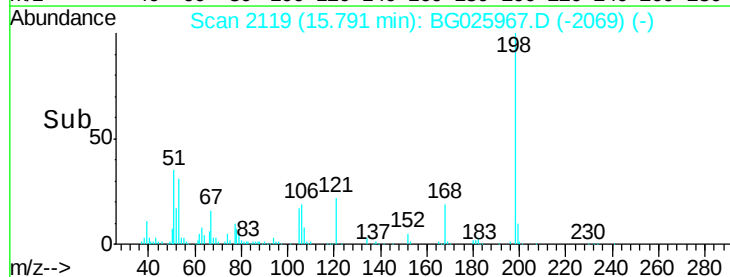
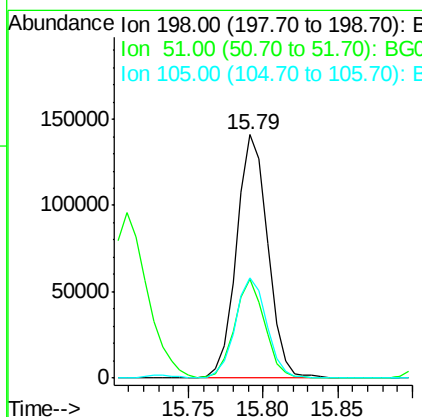
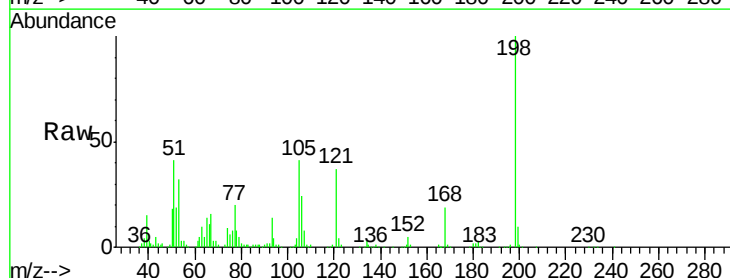
RT: 15.79 min Scan# 2119

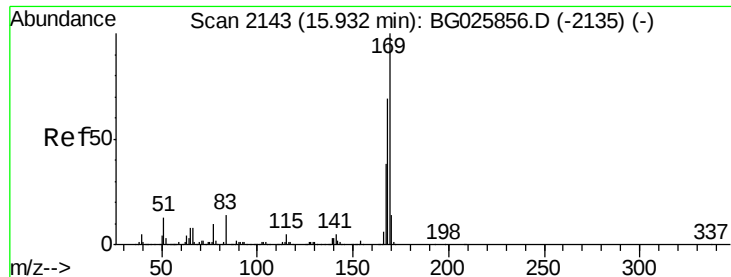
Delta R.T. -0.01 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	204905		
51	40.5	22.6	62.6	
105	41.1	14.4	54.4	





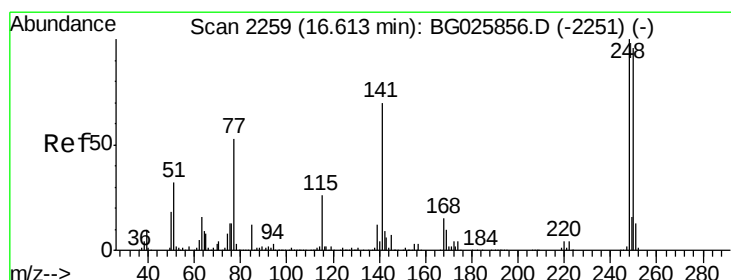
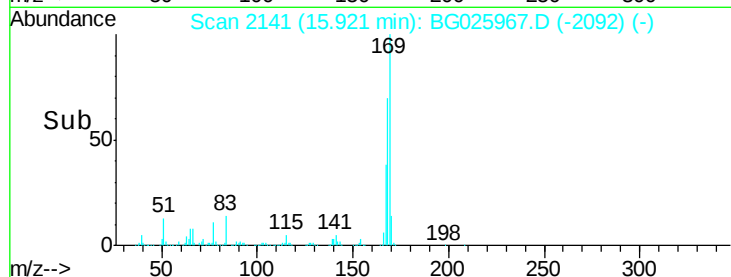
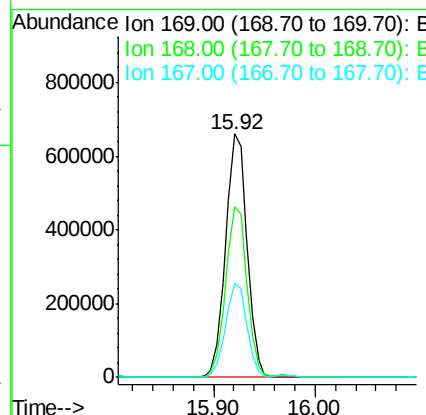
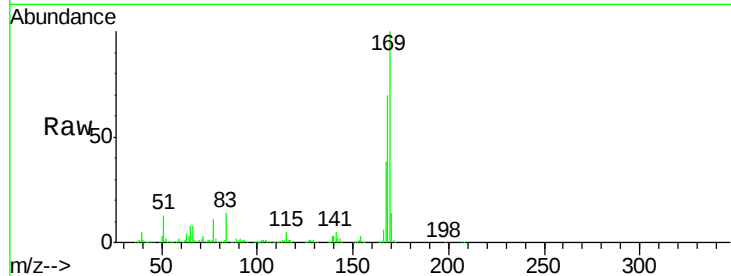
#65
n-Nitrosodiphenylamine
Concen: 41.45 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.2		55.7	83.5
167	38.4		29.8	44.6

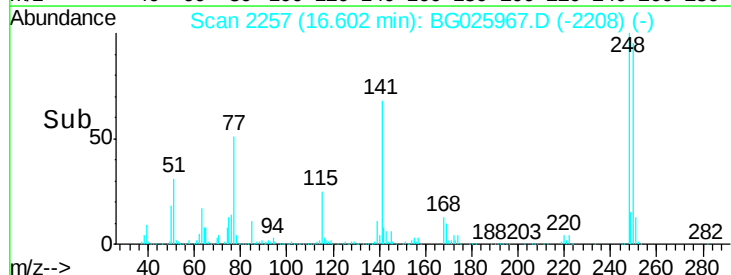
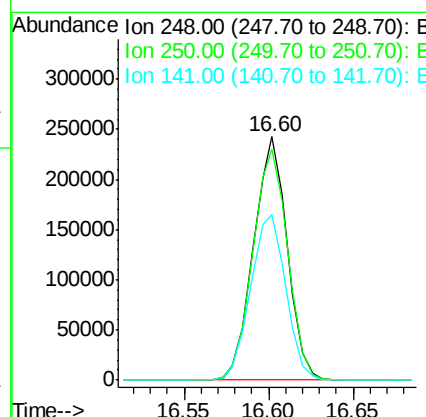
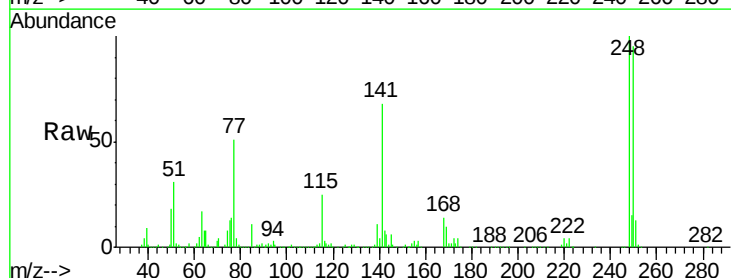
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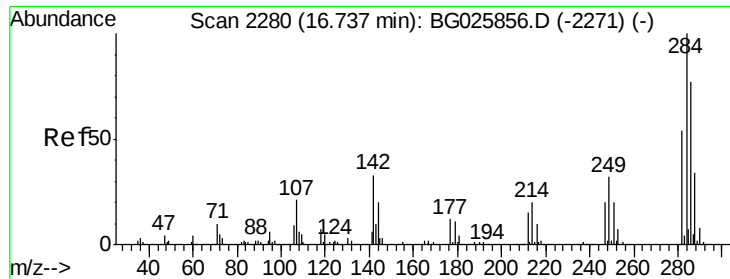
mohammad
3/1/2017 12:37:37 PM



#66
4-Bromophenyl-phenylether
Concen: 41.32 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.8		75.0	112.6
141	67.8		55.2	82.8





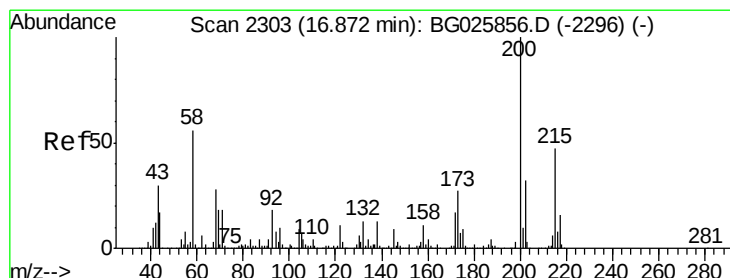
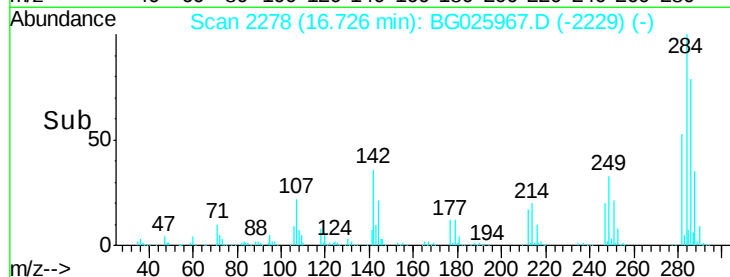
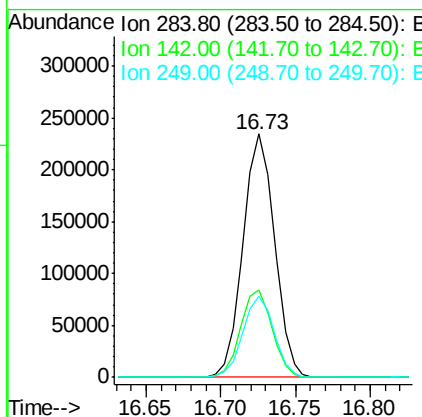
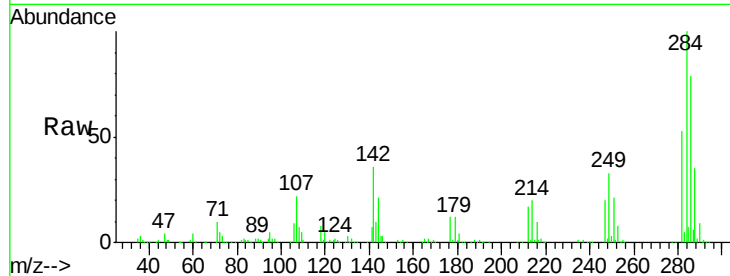
#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 16.73 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	343889		
142	35.7	29.9	44.9	
249	33.1	29.2	43.8	

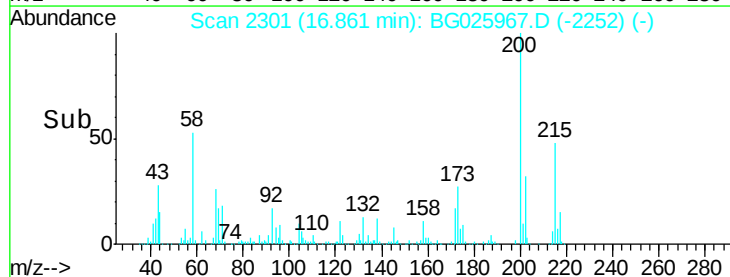
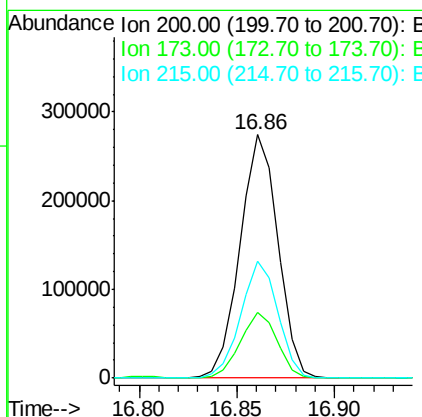
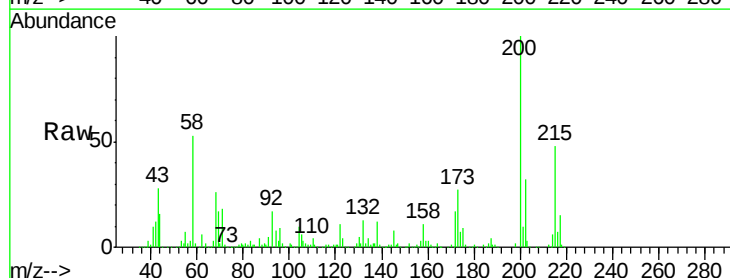
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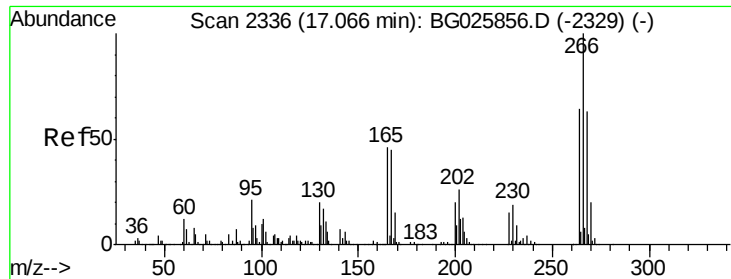
mohammad
3/1/2017 12:37:37 PM



#68
Atrazine
Concen: 44.56 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	369110		
173	27.1	3.0	43.0	
215	47.9	28.4	68.4	





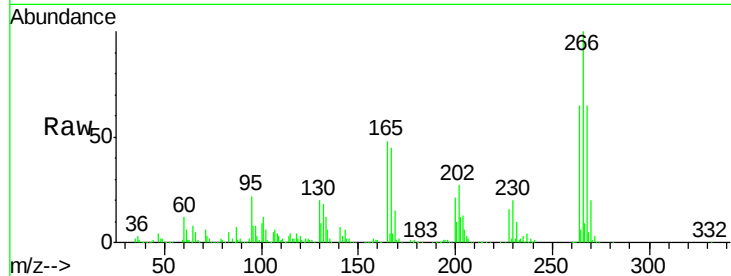
#69
 Pentachlorophenol
 Concen: 89.23 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	458862		
268	64.6		48.6	72.8
264	65.1		50.1	75.1

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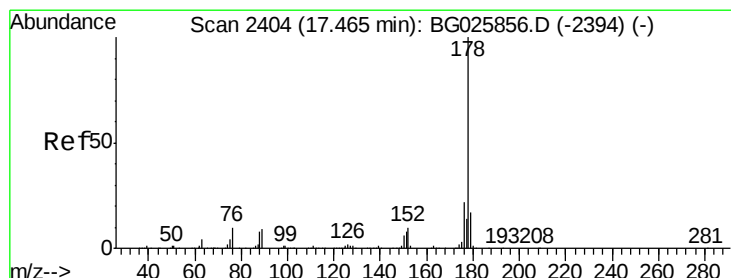
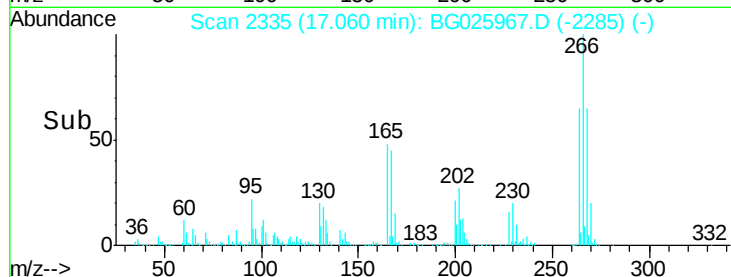
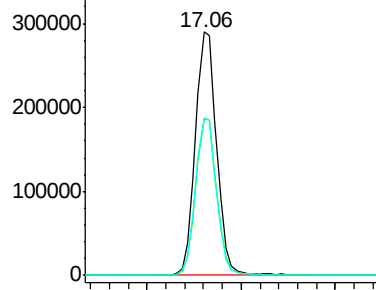


Abundance

Ion 265.70 (265.40 to 266.40): E

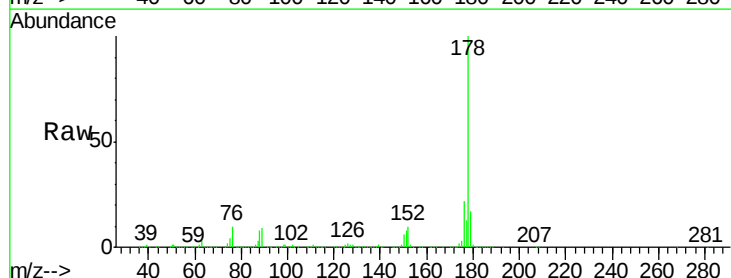
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.40 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1734537		
176	21.5		17.7	26.5
179	16.7		15.0	22.6

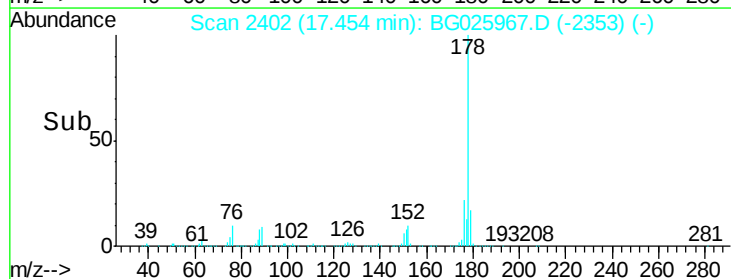
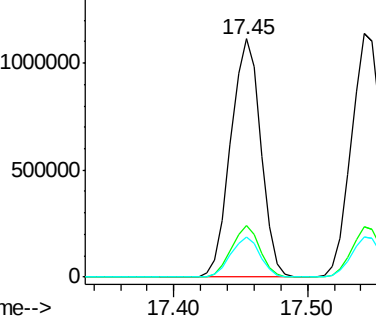


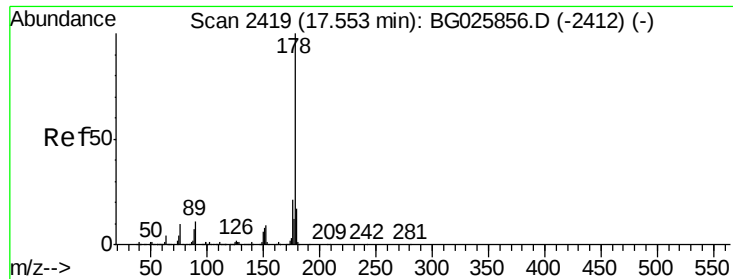
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





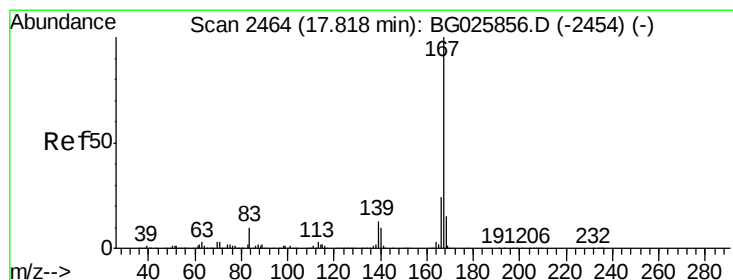
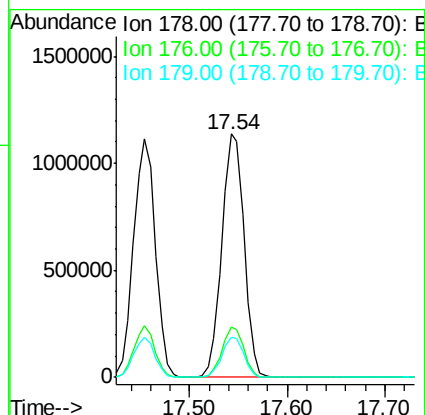
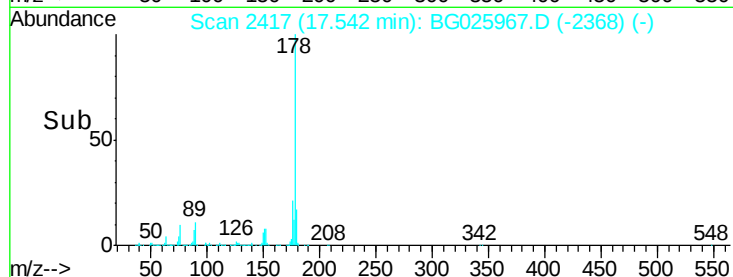
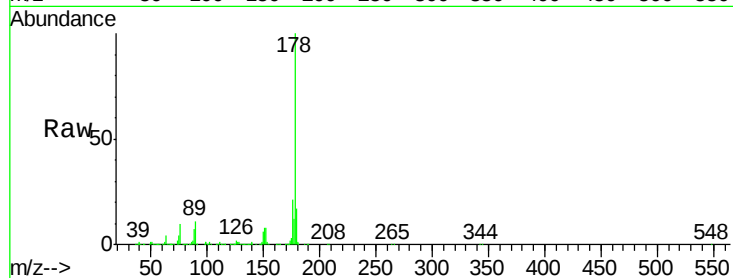
#71
 Anthracene
 Concen: 41.98 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion:178 Resp: 1793194
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.4 24.6
 179 16.6 13.8 20.8

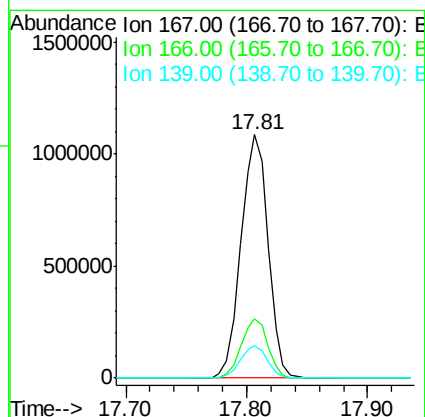
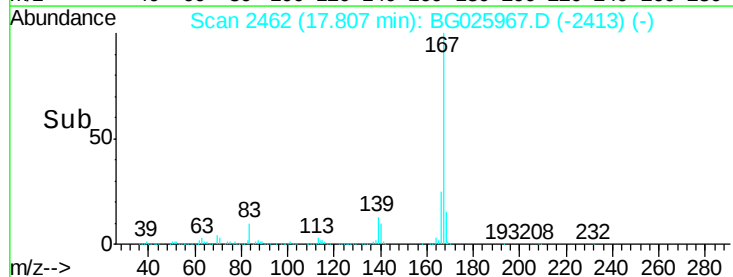
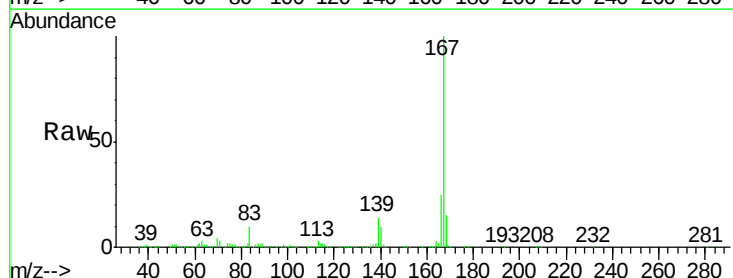
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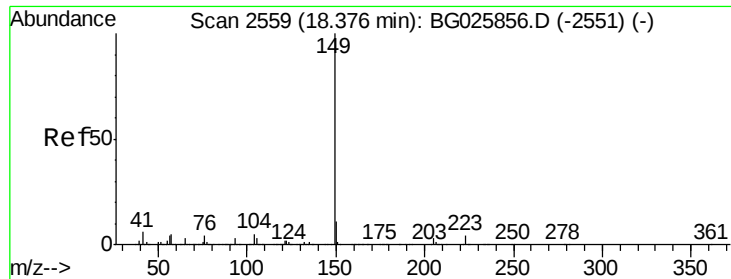
mohammad
 3/1/2017 12:37:37 PM



#72
 Carbazole
 Concen: 39.59 ng
 RT: 17.81 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion:167 Resp: 1698658
 Ion Ratio Lower Upper
 167 100
 166 24.5 20.2 30.2
 139 13.5 12.8 19.2





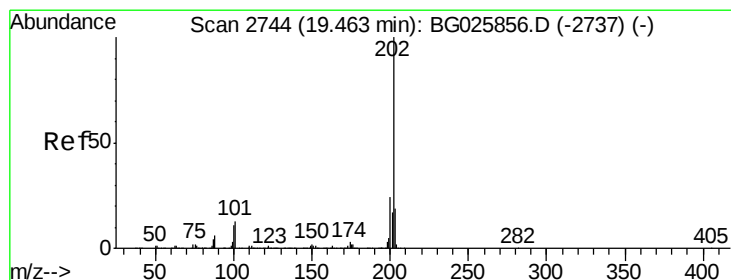
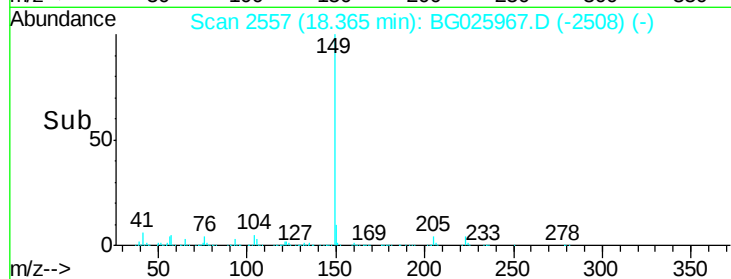
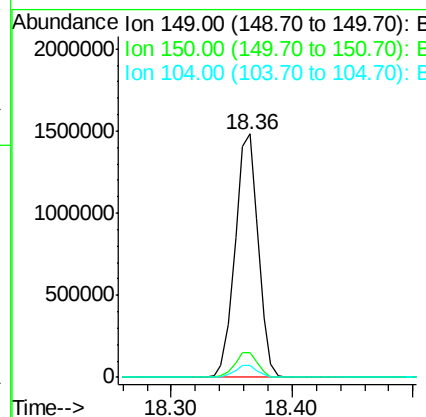
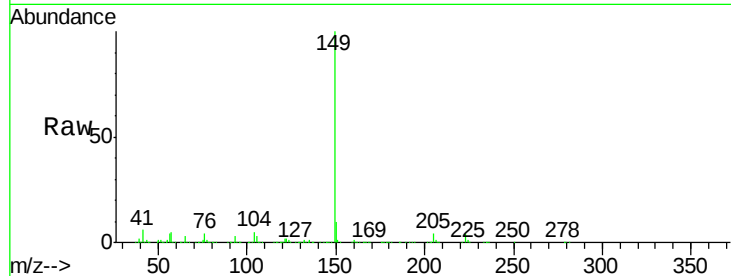
#73
Di-n-butylphthalate
Concen: 46.60 ng
RT: 18.36 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	9.1	13.7
104	5.0	6.7	10.1

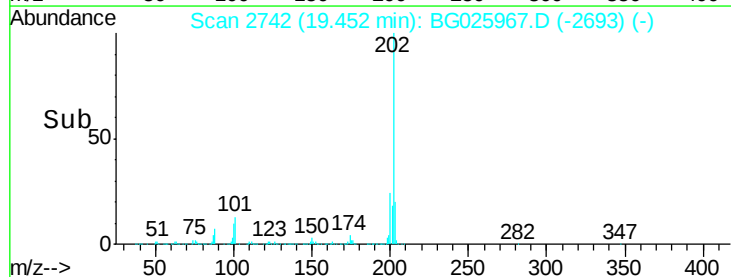
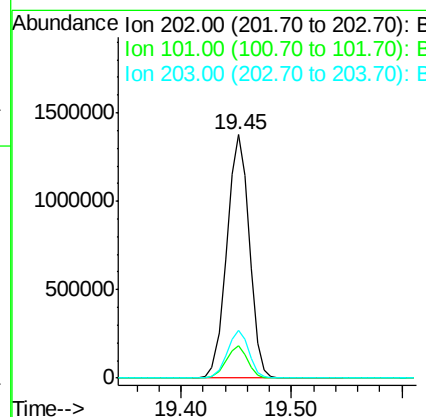
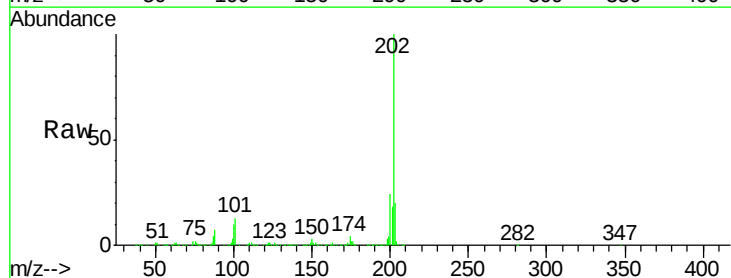
Manual Integrations
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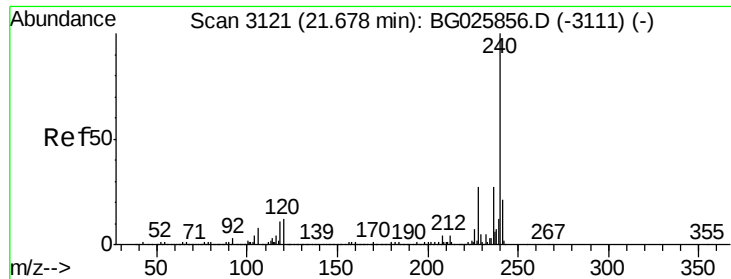
mohammad
3/1/2017 12:37:37 PM



#74
Fluoranthene
Concen: 42.56 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.1
203	19.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

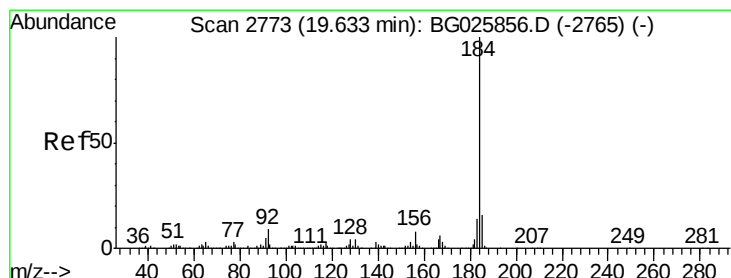
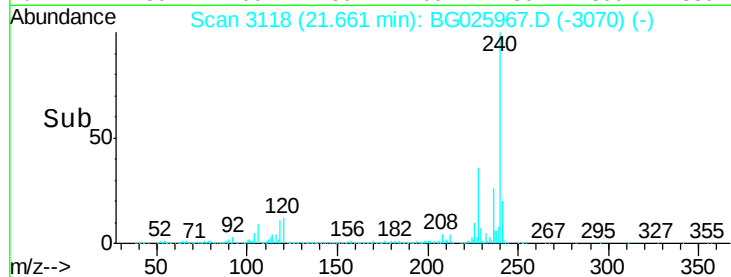
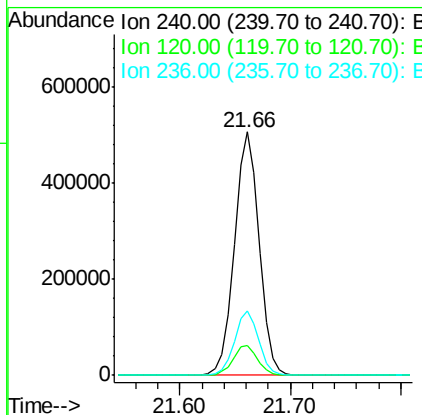
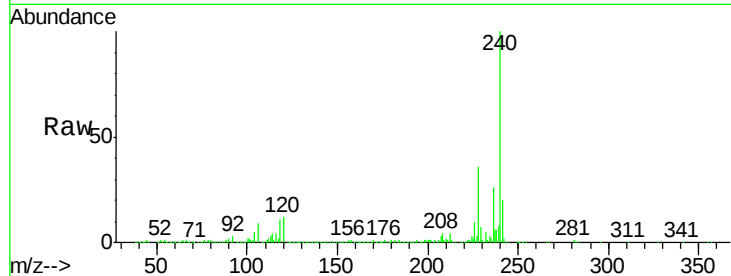
ClientSampleId :

PB97190BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	26.4	22.2	33.4

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#76

Benzidine

Concen: 21.59 ng

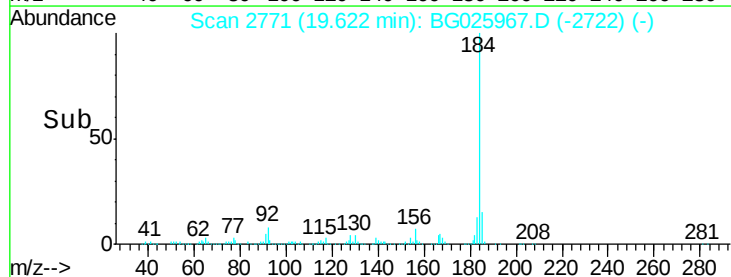
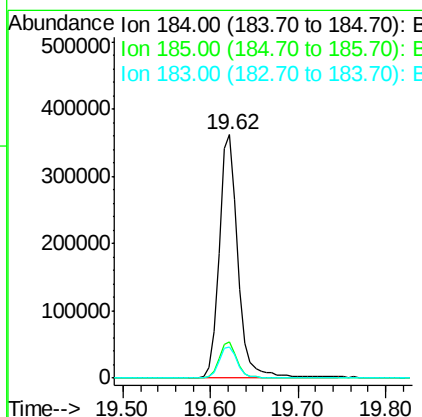
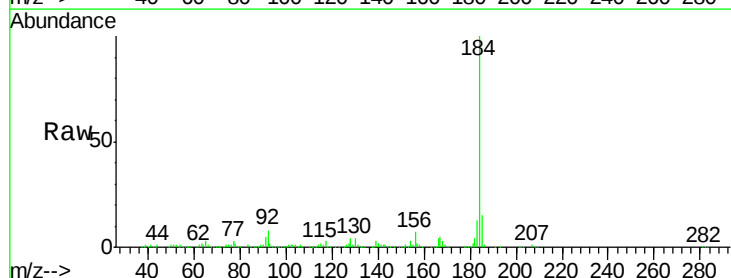
RT: 19.62 min Scan# 2771

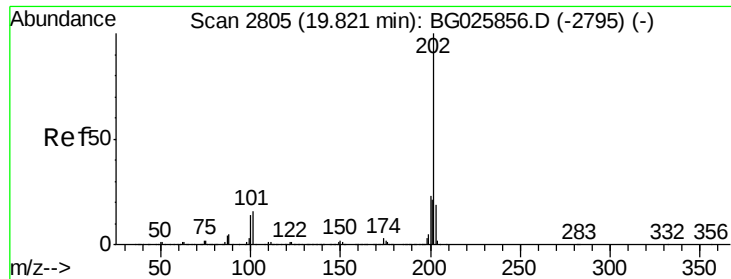
Delta R.T. -0.01 min

Lab File: BG025967.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	13.0	11.0	16.6





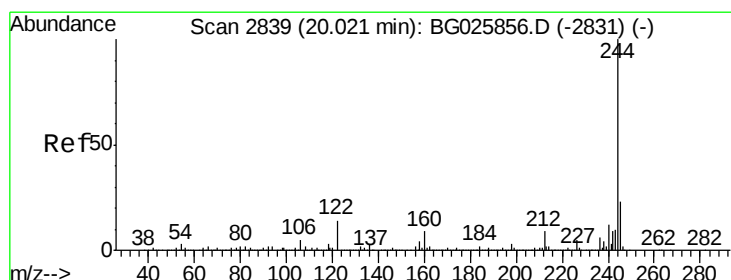
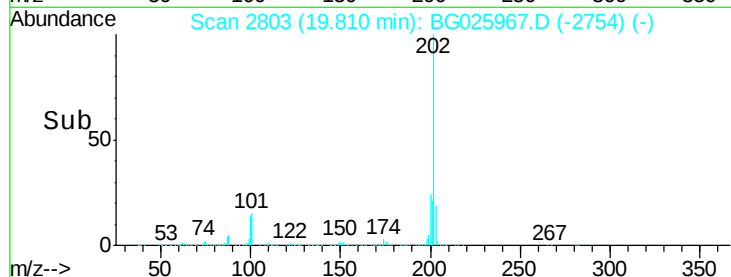
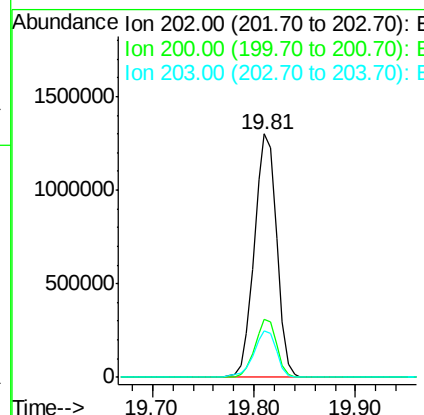
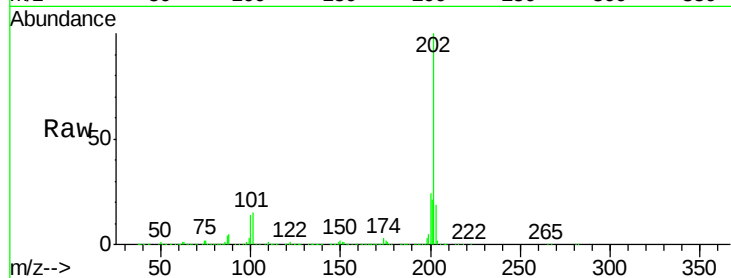
#77
Pvrene
Concen: 39.67 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.6	29.4
203	19.4	15.8	23.8

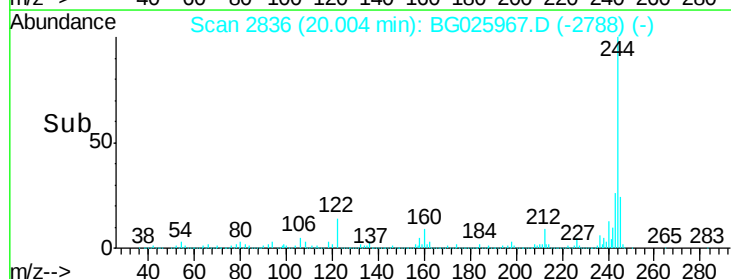
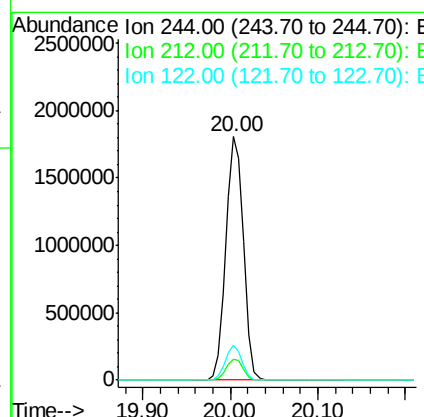
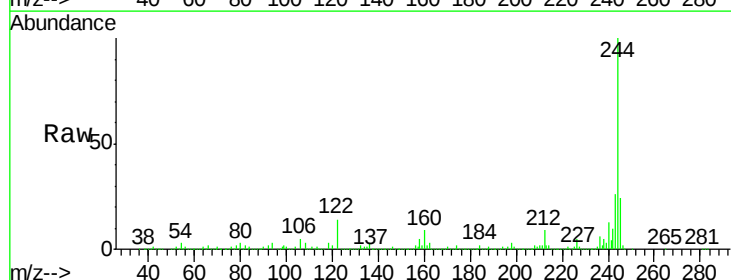
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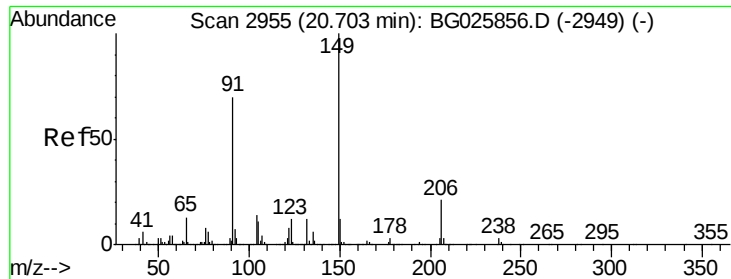
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#78
Terphenyl-d14
Concen: 77.65 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	10.0	15.0#
122	14.2	8.6	12.8#





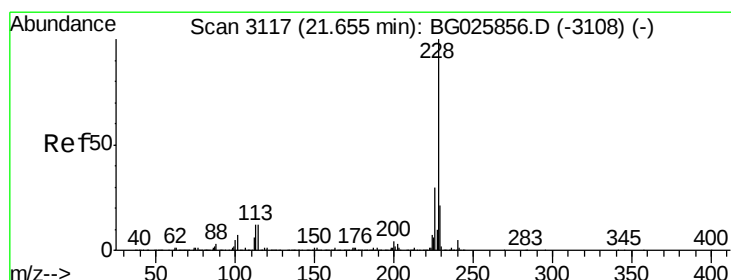
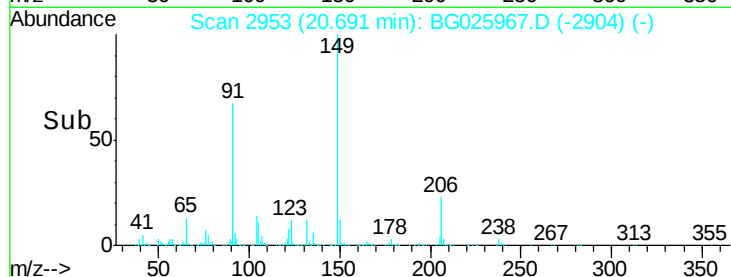
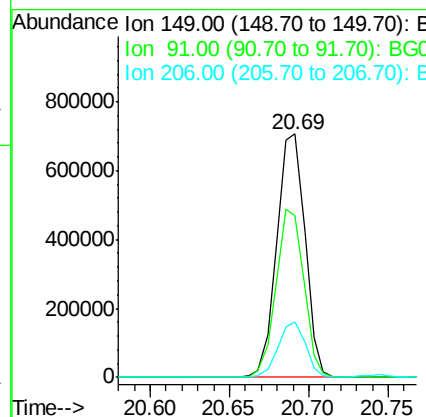
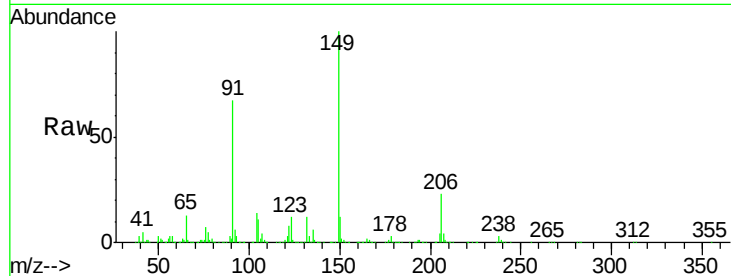
#79
Butylbenzylphthalate
Concen: 46.52 ng
RT: 20.69 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	63.5	95.3
206	23.0	21.0	31.6

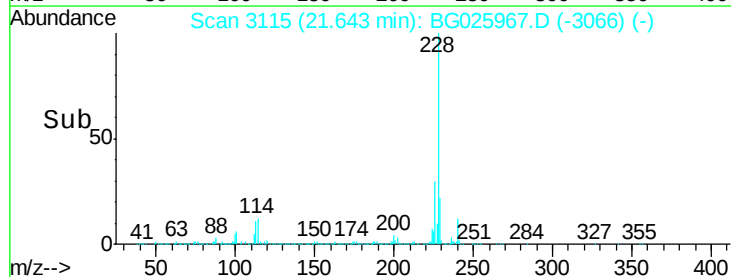
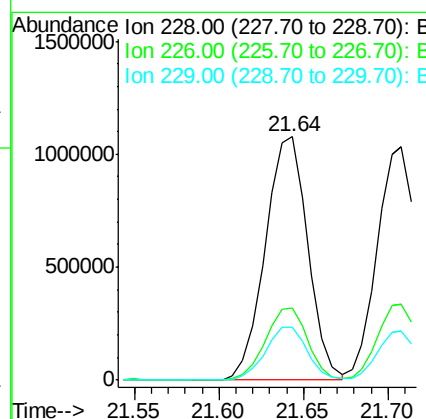
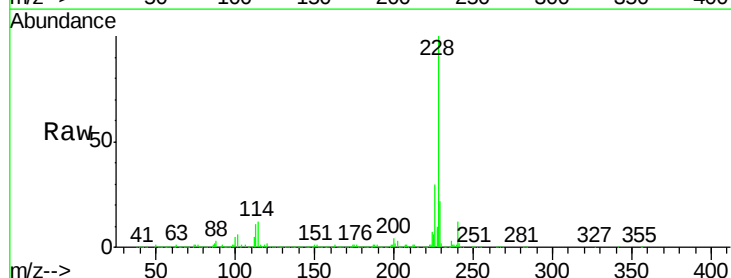
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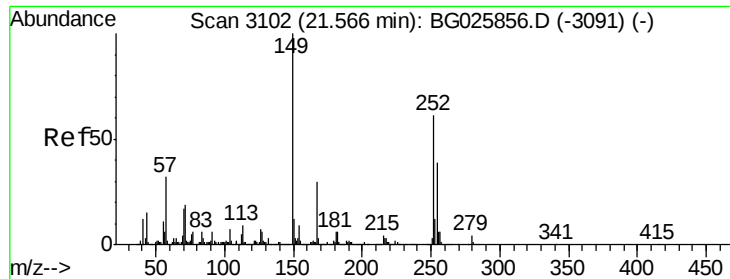
mohammad
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#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 21.64 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.6	18.2	27.2





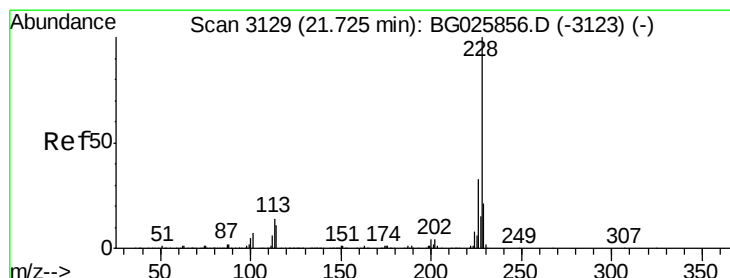
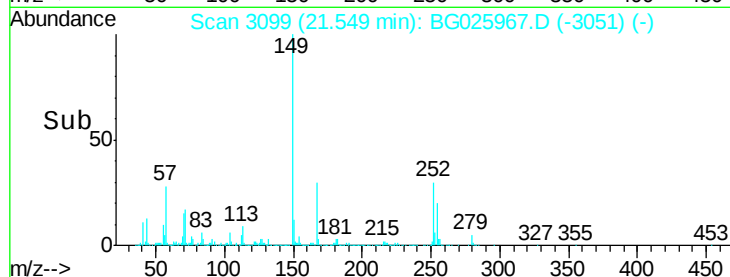
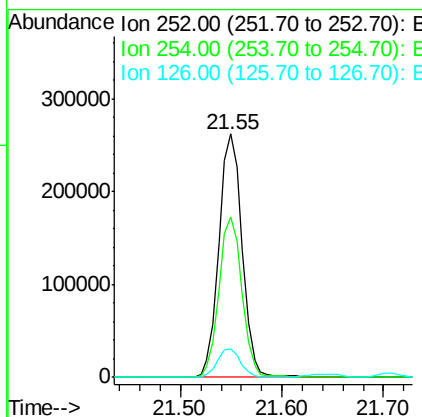
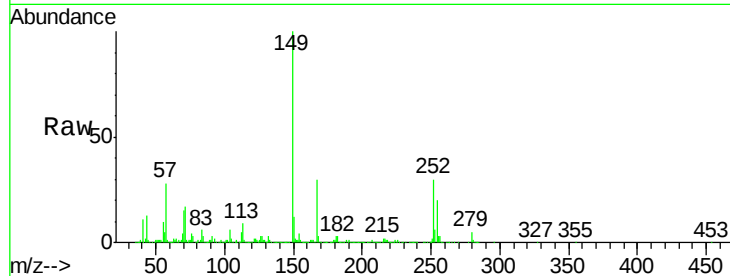
#81
 3,3'-Dichlorobenzidine
 Concen: 25.40 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	53.1	79.7
126	11.5	7.0	10.4

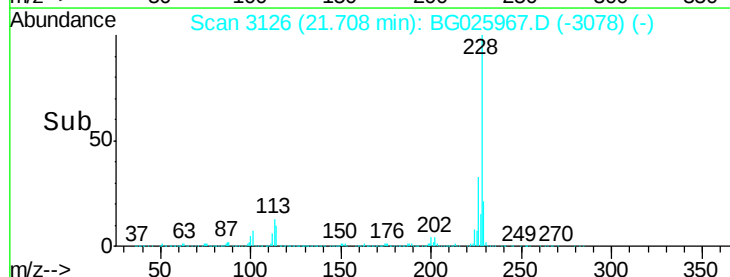
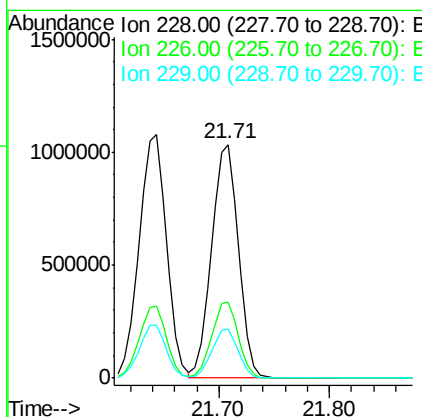
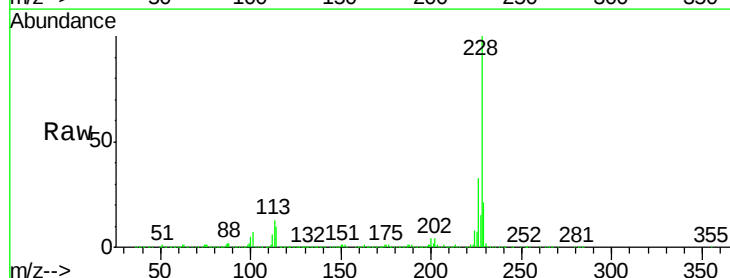
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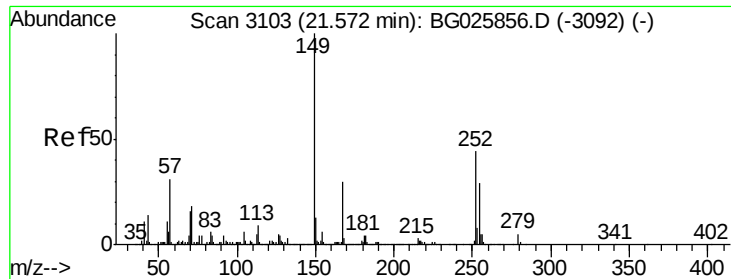
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#82
 Chrysene
 Concen: 38.90 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	27.0	40.4
229	21.0	17.8	26.6





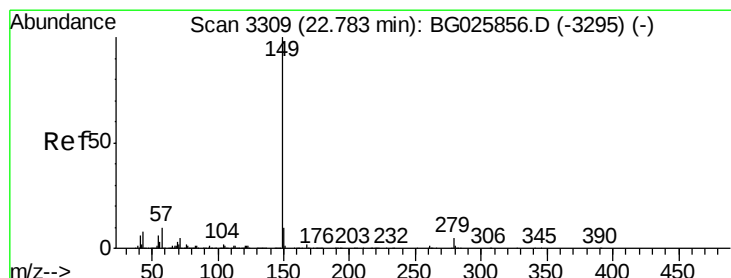
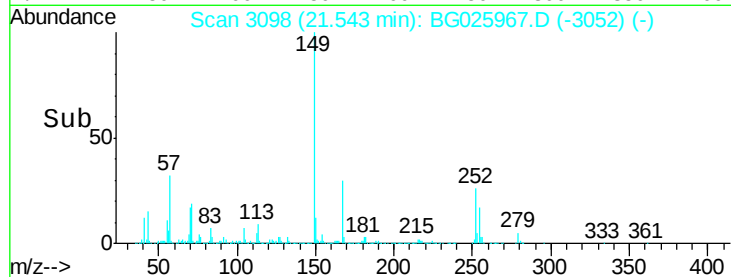
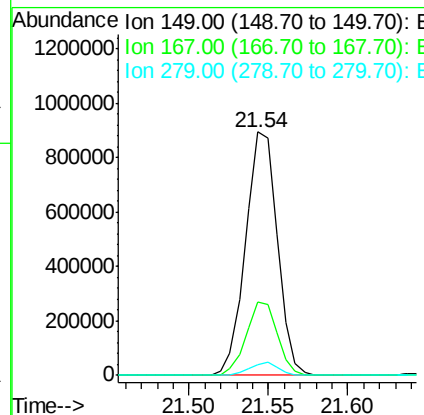
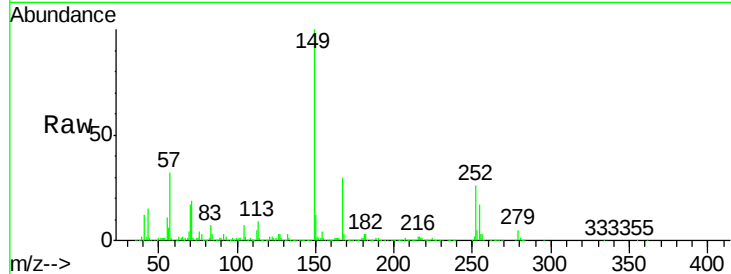
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.50 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	4.6	4.6	6.8

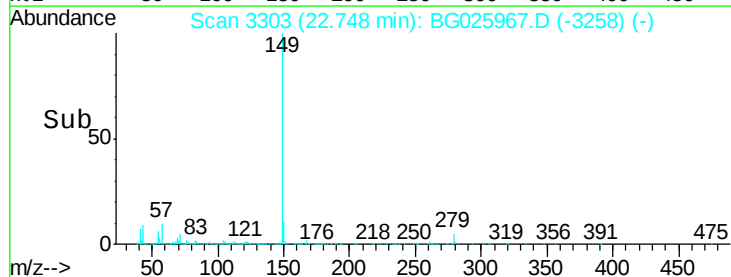
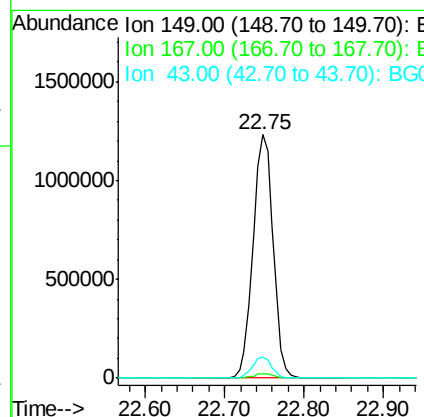
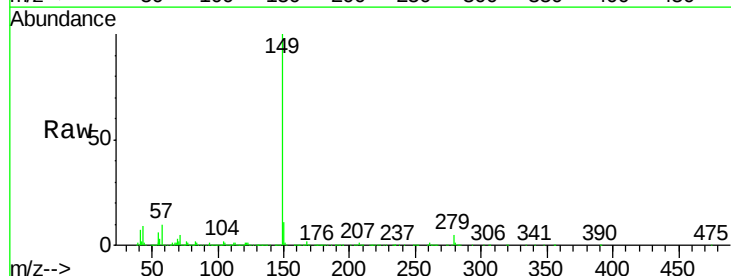
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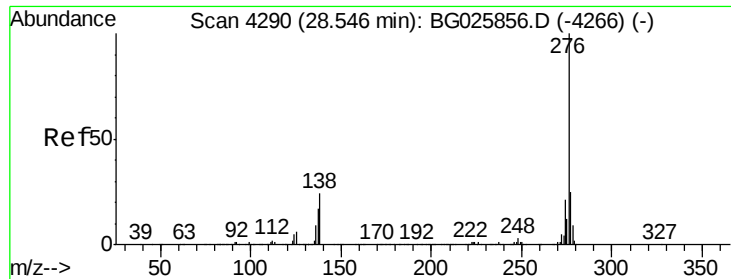
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#84
 Di-n-octyl phthalate
 Concen: 47.97 ng
 RT: 22.75 min Scan# 3303
 Delta R.T. -0.03 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	8.3	11.8	17.6#





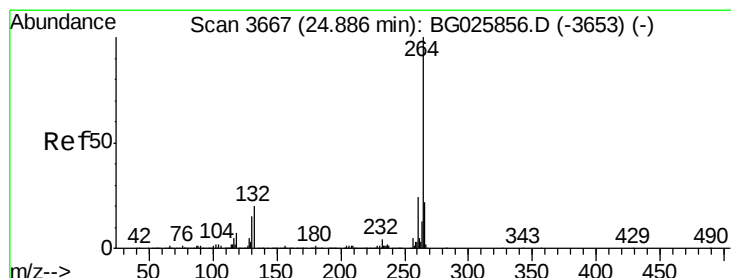
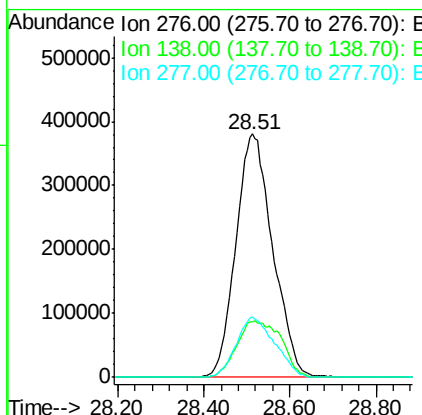
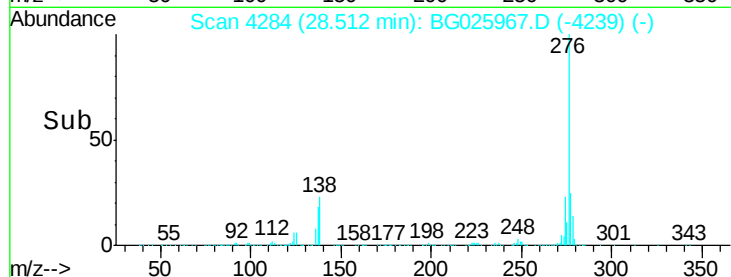
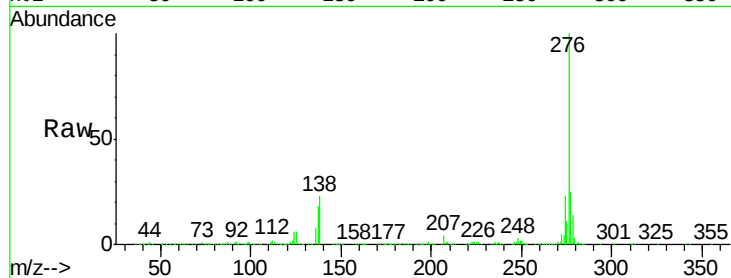
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.66 ng
 RT: 28.51 min Scan# 4284
 Delta R.T. -0.03 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion:276 Resp: 2278256
 Ion Ratio Lower Upper
 276 100
 138 28.1 4.7 7.1#
 277 25.9 20.6 31.0

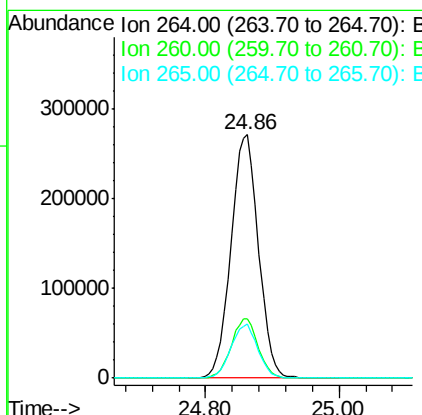
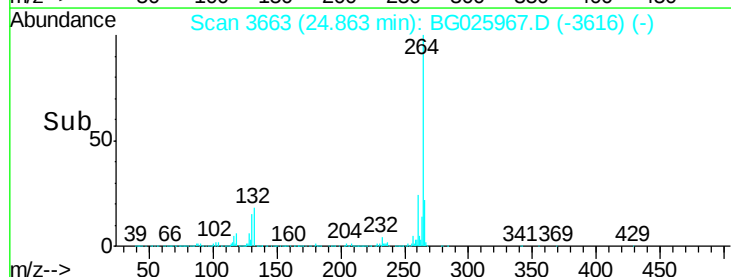
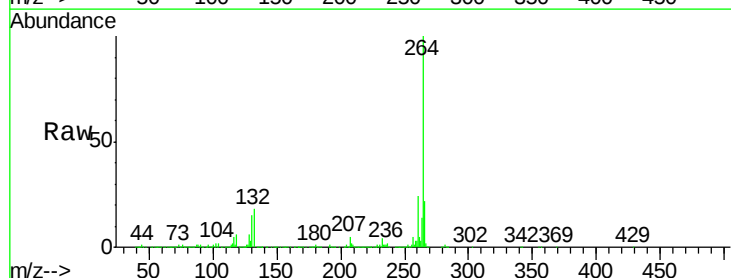
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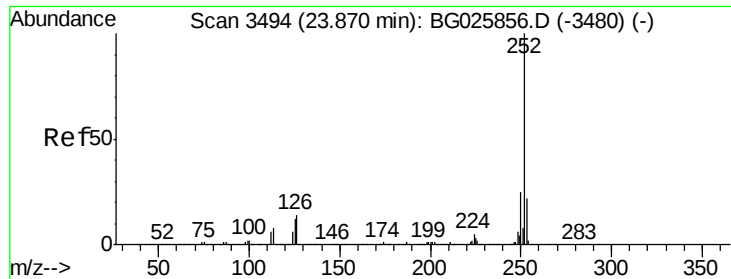
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.86 min Scan# 3663
 Delta R.T. -0.02 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Tgt Ion:264 Resp: 775250
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.8 32.8
 265 22.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.42 ng

RT: 23.85 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

Instrument :

BNA_G

ClientSampleId :

PB97190BS

Tot Ion:252 Resp: 1923042

Ion Ratio Lower Upper

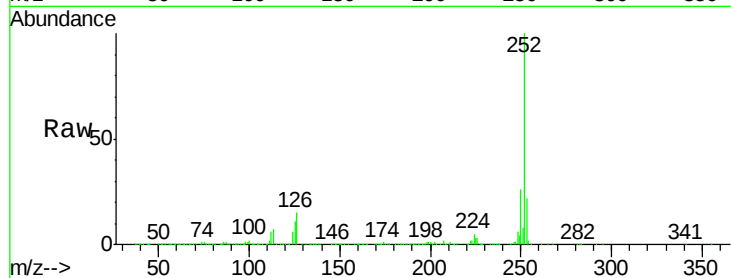
252 100

253 22.2 18.7 28.1

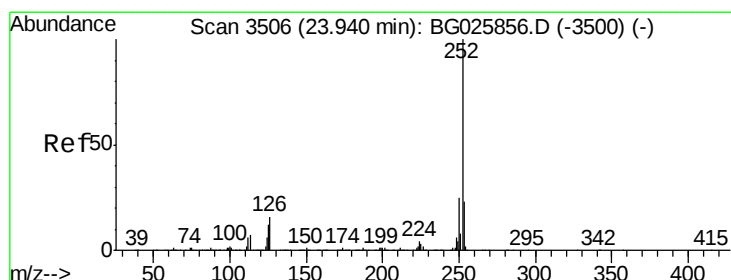
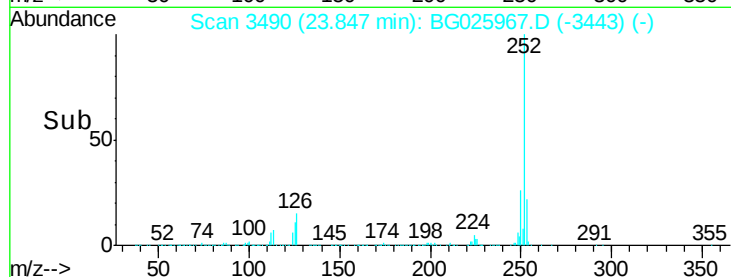
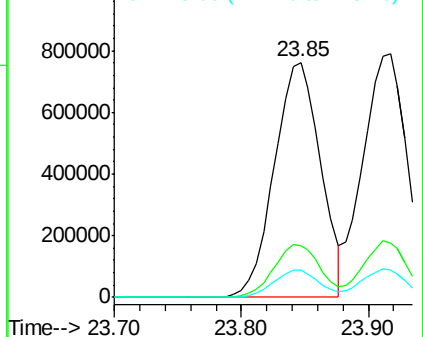
125 11.5 5.3 7.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.98 ng

RT: 23.92 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG025967.D

Acq: 27 Feb 2017 17:12

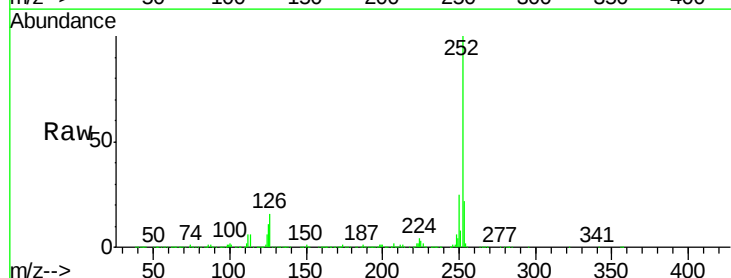
Tgt Ion:252 Resp: 1901592

Ion Ratio Lower Upper

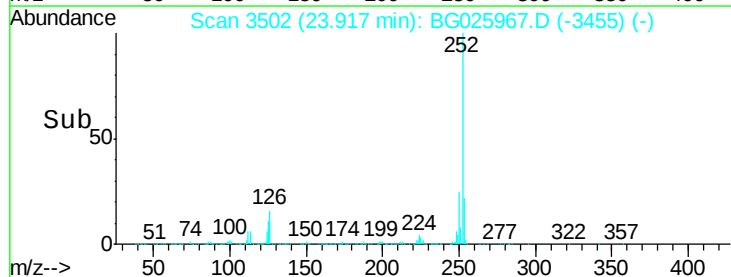
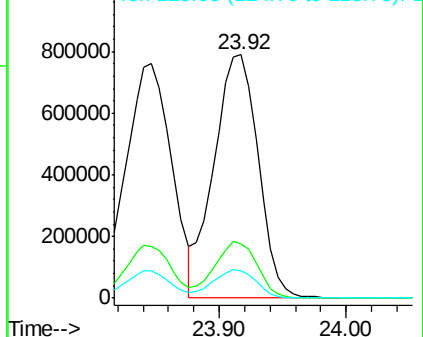
252 100

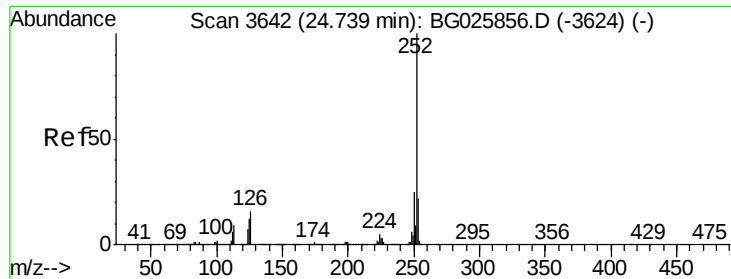
253 22.3 20.2 30.2

125 11.3 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





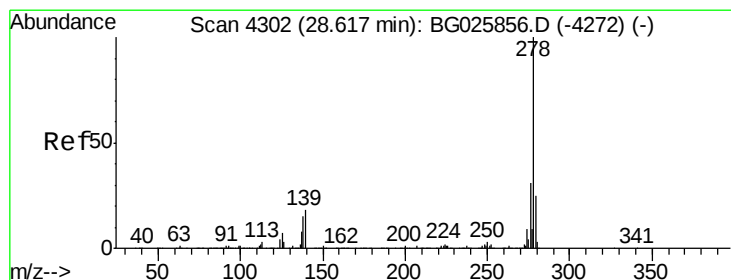
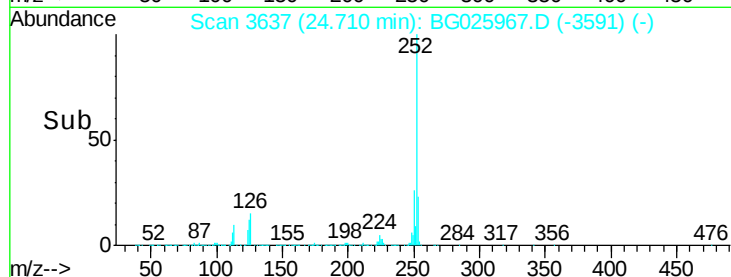
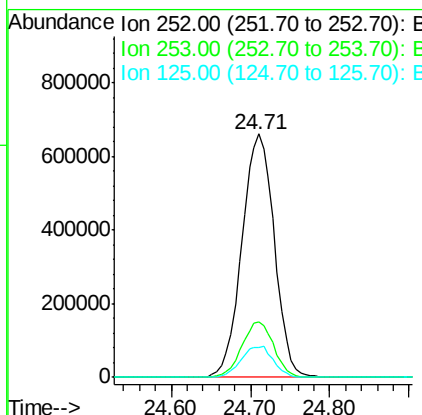
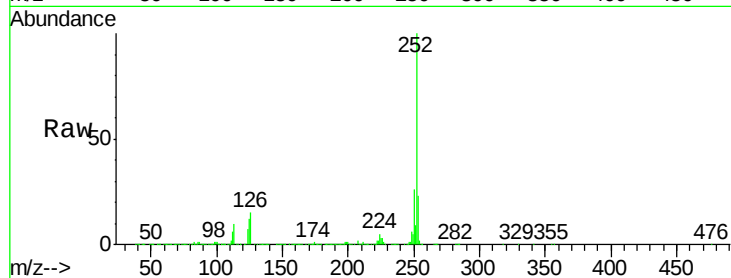
#89
Benzo(a)pyrene
Concen: 42.61 ng
RT: 24.71 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Tot Ion:252 Resp: 1873506
Ion Ratio Lower Upper
252 100
253 22.7 19.2 28.8
125 12.4 5.4 8.0#

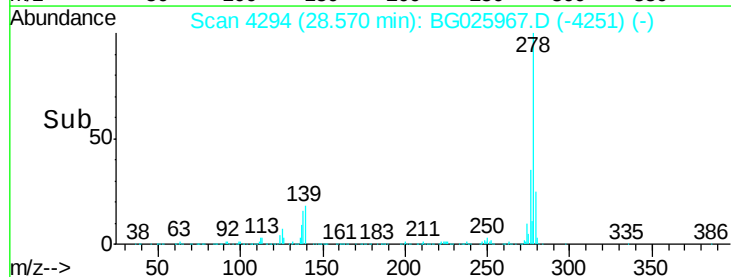
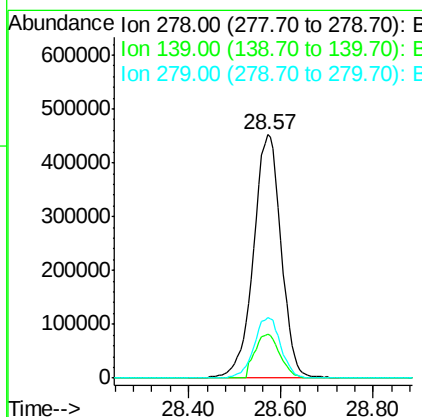
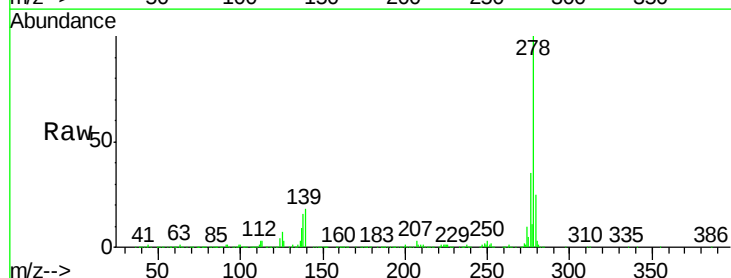
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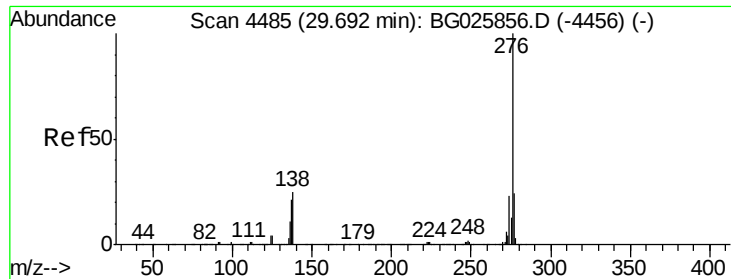
mohammad
3/1/2017 12:37:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.50 ng
RT: 28.57 min Scan# 4294
Delta R.T. -0.05 min
Lab File: BG025967.D
Acq: 27 Feb 2017 17:12

Tgt Ion:278 Resp: 1877246
Ion Ratio Lower Upper
278 100
139 17.9 7.7 11.5#
279 25.1 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 42.52 ng
 RT: 29.66 min Scan# 4479
 Delta R.T. -0.03 min
 Lab File: BG025967.D
 Acq: 27 Feb 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :
 PB97190BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	27.8
138	23.9	8.1	12.1

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